

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111876.D
 Acq On : 7 Jan 2019 15:04
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

Quant Time: Jan 07 15:33:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	190279	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	728429	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382506	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	730569	20.00	ng	0.00
76) Chrysene-d12	14.06	240	572564	20.00	ng	0.00
87) Perylene-d12	15.53	264	426267	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	809297	72.76	ng	0.00
7) Phenol-d6	6.53	99	1053930	73.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	1042227	76.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	368909	74.15	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1961620	74.78	ng	0.00
79) Terphenyl-d14	13.00	244	2198256	72.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	176440	36.281	ng	99
3) Pyridine	3.43	79	476650	37.814	ng	99
4) n-Nitrosodimethylamine	3.39	42	232522	37.076	ng	100
6) Aniline	6.55	93	649795	37.489	ng	87
8) 2-Chlorophenol	6.68	128	468188	37.910	ng	97
9) Benzaldehyde	6.44	77	306395	37.527	ng	98
10) Phenol	6.55	94	581761	37.339	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	455712	37.808	ng	99
12) 1,3-Dichlorobenzene	6.83	146	549526	38.382	ng	98
13) 1,4-Dichlorobenzene	6.91	146	554402	38.159	ng	99
14) 1,2-Dichlorobenzene	7.06	146	515699	37.133	ng	99
15) Benzyl Alcohol	7.03	79	427292	37.673	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	776631	37.791	ng	97
17) 2-Methylphenol	7.15	107	371404	37.418	ng	98
18) Hexachloroethane	7.40	117	194747	38.392	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	353425	37.945	ng	98
20) 3+4-Methylphenols	7.30	107	473729	38.348	ng	94
22) Acetophenone	7.30	105	683528	37.065	ng	97
24) Nitrobenzene	7.47	77	527841	38.284	ng	99
25) Isophorone	7.71	82	836572	37.905	ng	100
26) 2-Nitrophenol	7.79	139	264153	38.911	ng	99
27) 2,4-Dimethylphenol	7.83	122	373946	38.097	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	558934	37.941	ng	99
29) 2,4-Dichlorophenol	8.03	162	434032	38.455	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	484480	38.909	ng	98
31) Naphthalene	8.20	128	1328097	38.408	ng	100
32) Benzoic acid	7.95	122	218062	34.234	ng	98
33) 4-Chloroaniline	8.24	127	578563	38.705	ng	96
34) Hexachlorobutadiene	8.32	225	299398	38.624	ng	99
35) Caprolactam	8.62	113	146277	39.667	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	435573	38.814	ng	100
37) 2-Methylnaphthalene	8.89	142	881554	41.143	ng	99
38) 1-Methylnaphthalene	8.99	142	850068	41.364	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	480233	39.381	ng	100

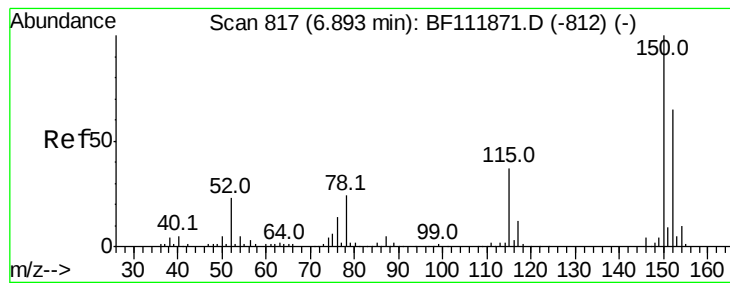
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	281525	39.928	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	319058	38.575	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	333407	38.474	ng	95
46) 1,1'-Biphenyl	9.35	154	1210774	37.841	ng	100
47) 2-Chloronaphthalene	9.38	162	956707	38.098	ng	99
48) 2-Nitroaniline	9.47	65	297509	38.751	ng	98
49) Acenaphthylene	9.79	152	1408229	37.932	ng	99
50) Dimethylphthalate	9.65	163	1080345	37.598	ng	99
51) 2,6-Dinitrotoluene	9.71	165	245340	38.182	ng	98
52) Acenaphthene	9.97	154	901929	37.684	ng	100
53) 3-Nitroaniline	9.88	138	262859	38.200	ng	97
54) 2,4-Dinitrophenol	9.99	184	110616	40.656	ng	98
55) Dibenzofuran	10.14	168	1310452	37.648	ng	99
56) 4-Nitrophenol	10.05	139	190098	39.098	ng	98
57) 2,4-Dinitrotoluene	10.12	165	325238	39.172	ng	97
58) Fluorene	10.48	166	954648	37.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	277385	37.991	ng	98
60) Diethylphthalate	10.35	149	1039294	37.375	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	529035	37.249	ng	99
62) 4-Nitroaniline	10.50	138	256593	39.314	ng	99
63) Azobenzene	10.63	77	1014650	38.196	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	169728	37.652	ng	97
66) n-Nitrosodiphenylamine	10.59	169	910056	37.121	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	344715	36.429	ng	99
68) Hexachlorobenzene	11.03	284	378109	36.055	ng	99
69) Atrazine	11.12	200	314409	36.501	ng	98
70) Pentachlorophenol	11.22	266	230507	38.627	ng	100
71) Phenanthrene	11.44	178	1426973	36.533	ng	100
72) Anthracene	11.49	178	1444987	36.443	ng	98
73) Carbazole	11.64	167	1373100	35.601	ng	100
74) Di-n-butylphthalate	11.97	149	1575747	35.173	ng	100
75) Fluoranthene	12.63	202	1454174	36.265	ng	97
77) Benzidine	12.74	184	598153	34.962	ng	97
78) Pyrene	12.86	202	1488888	37.793	ng	100
80) Butylbenzylphthalate	13.47	149	640042	38.429	ng	99
81) Benzo(a)anthracene	14.04	228	1232391	37.400	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	443219	36.433	ng	100
83) Chrysene	14.09	228	1164563	37.066	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	827601	37.836	ng	99
85) Di-n-octyl phthalate	14.64	149	1175919	37.566	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	870217	37.992	ng	99
88) Benzo(b)fluoranthene	15.10	252	952932	37.371	ng	99
89) Benzo(k)fluoranthene	15.13	252	916678	38.245	ng	100
90) Benzo(a)pyrene	15.47	252	855632	38.163	ng	100
91) Dibenzo(a,h)anthracene	17.04	278	734068	40.708	ng	98
92) Benzo(g,h,i)perylene	17.48	276	727545	41.250	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

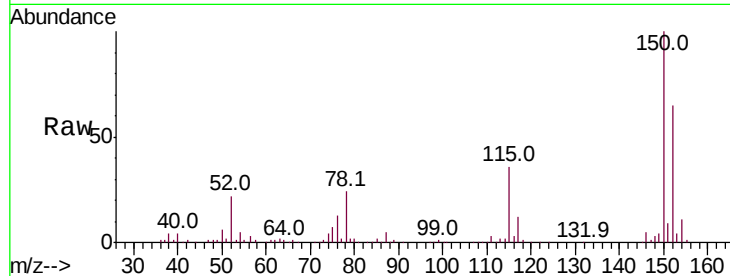


#1

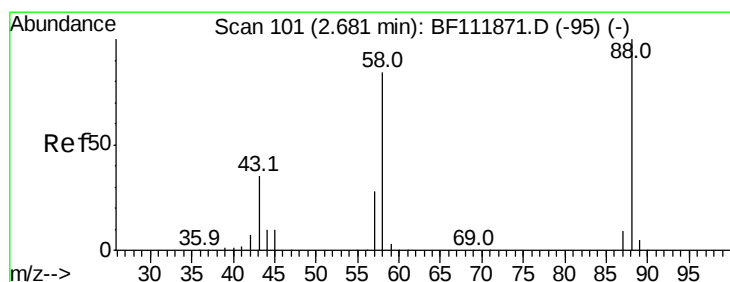
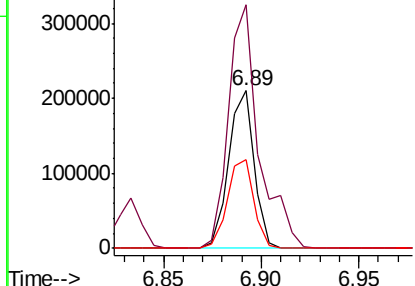
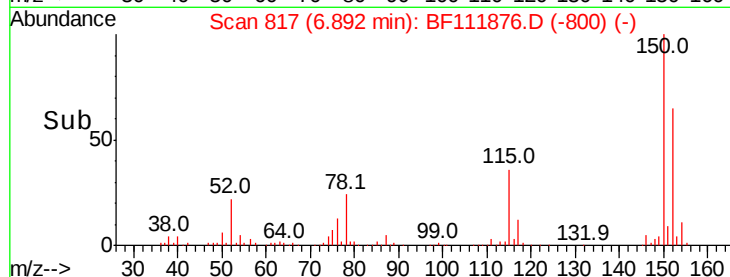
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF010719

Tot Ion:152 Resp: 190279
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 56.2 45.2 67.8



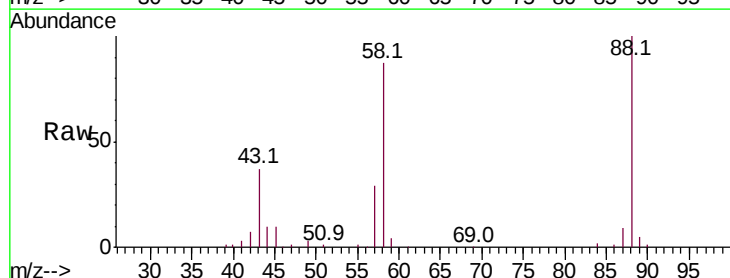
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



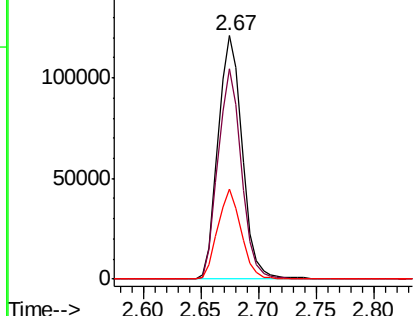
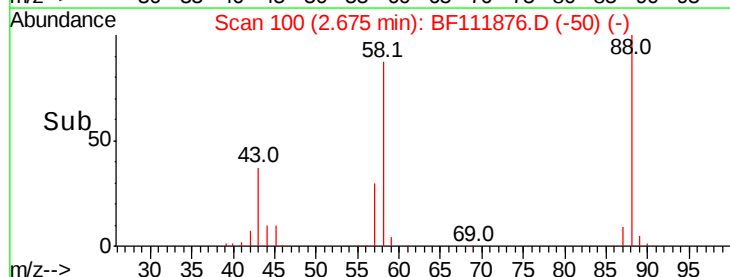
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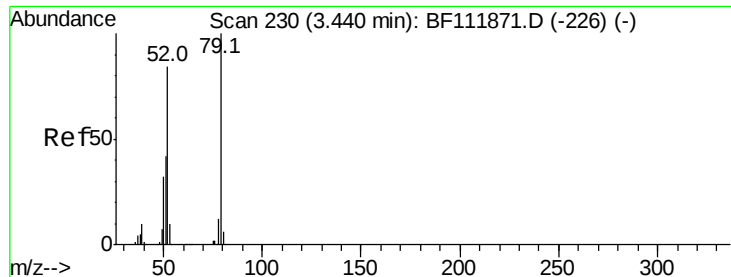
1,4-Dioxane
Concen: 36.281 ng
RT: 2.67 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion: 88 Resp: 176440
Ion Ratio Lower Upper
88 100
58 83.1 67.6 101.4
43 35.8 29.0 43.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.814 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

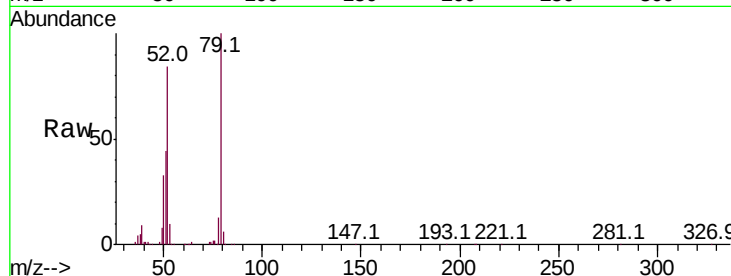
Tot Ion: 79 Resp: 476650

Ion Ratio Lower Upper

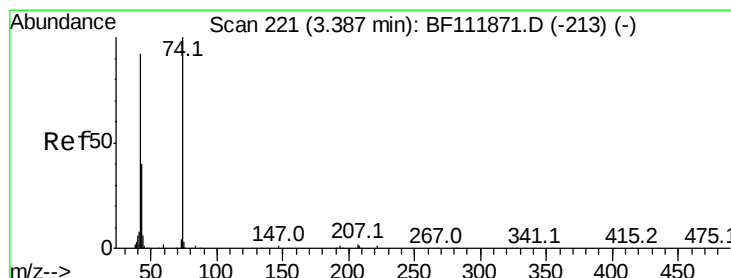
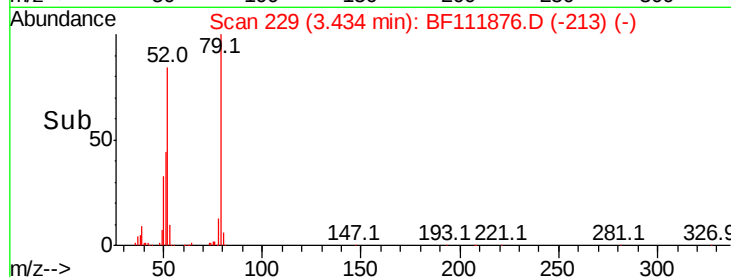
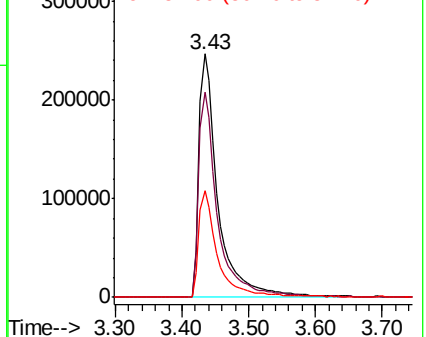
79 100

52 84.3 67.0 100.6

51 43.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.076 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

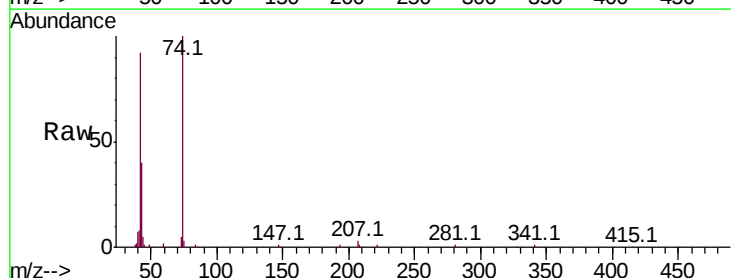
Tgt Ion: 42 Resp: 232522

Ion Ratio Lower Upper

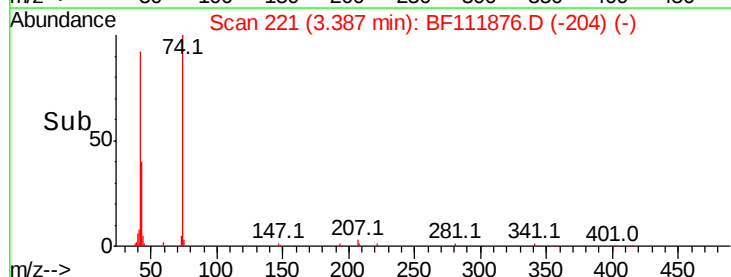
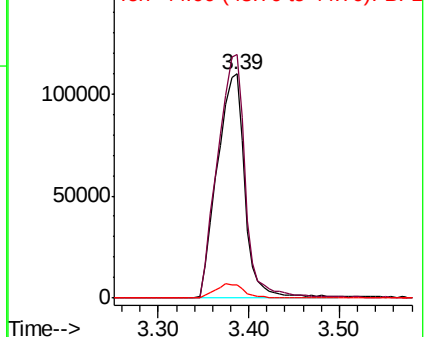
42 100

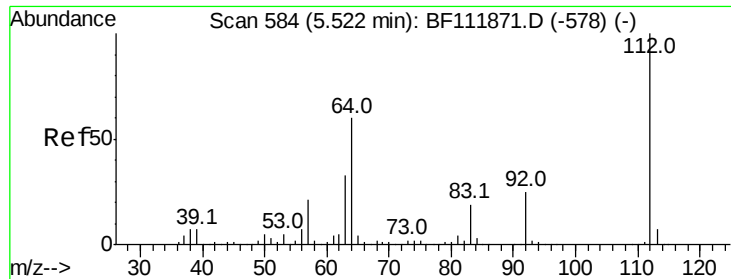
74 108.6 87.0 130.6

44 6.0 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.765 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

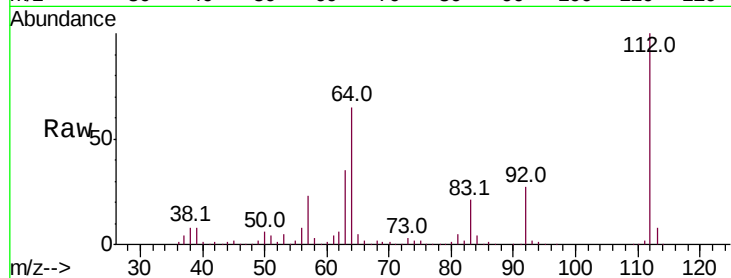
Tot Ion:112 Resp: 809297

Ion Ratio Lower Upper

112 100

64 65.4 48.3 72.5

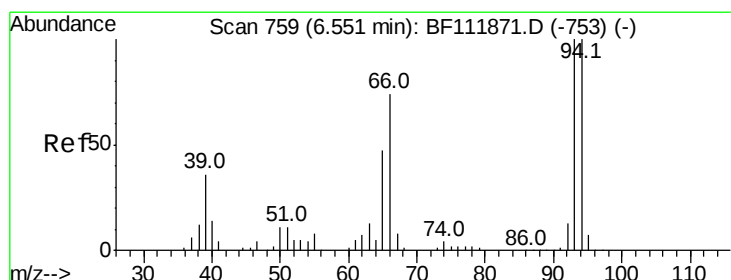
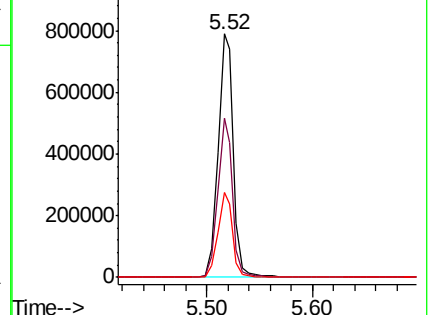
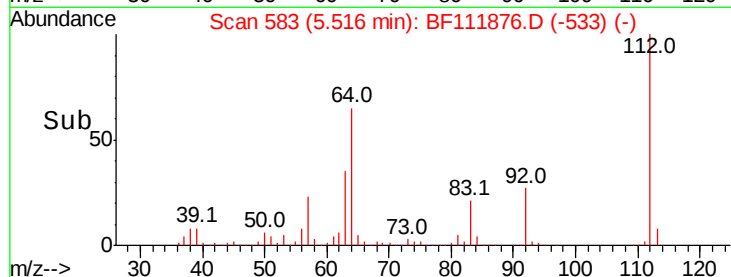
63 35.0 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.489 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

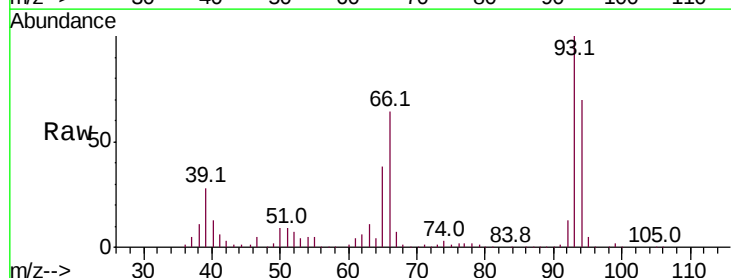
Tgt Ion: 93 Resp: 649795

Ion Ratio Lower Upper

93 100

66 63.8 60.0 90.0

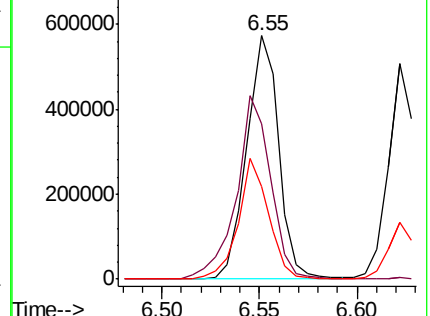
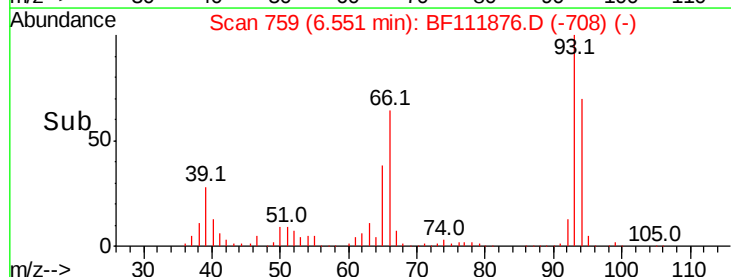
65 37.9 37.5 56.3

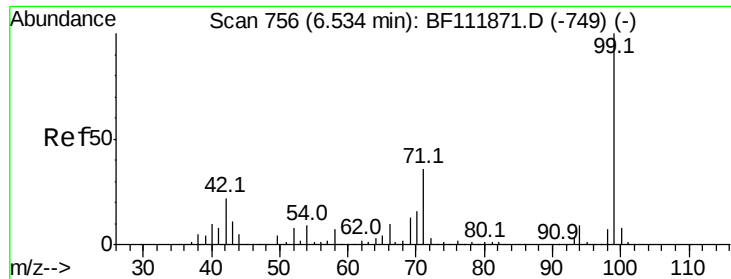


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.521 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

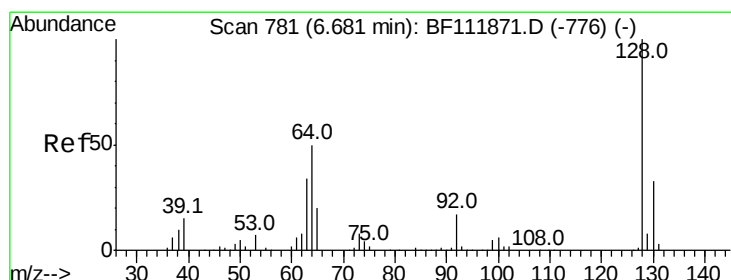
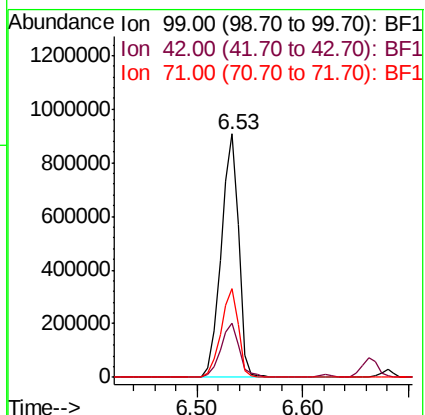
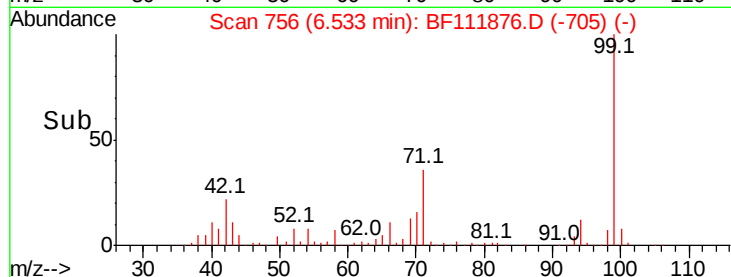
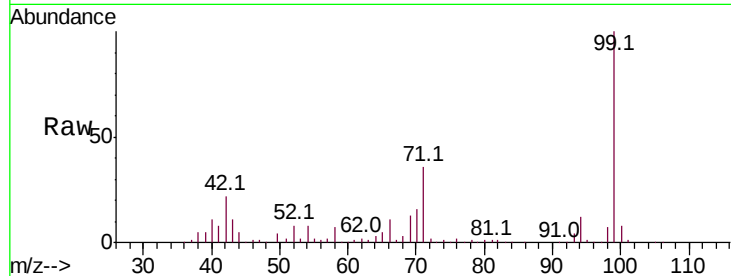
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1053930

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	36.5	28.7	43.1



#8

2-Chlorophenol

Concen: 37.910 ng

RT: 6.68 min Scan# 781

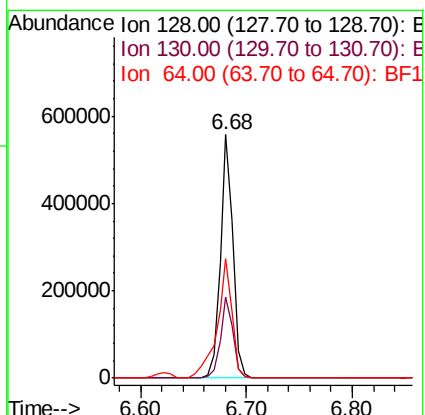
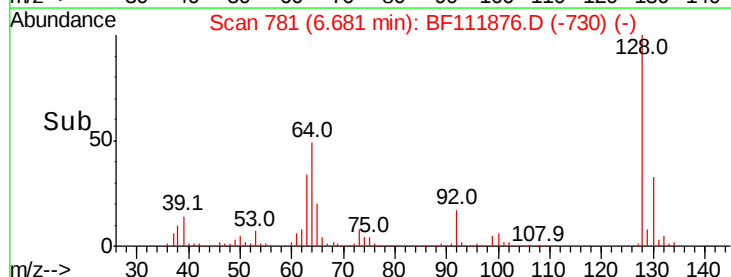
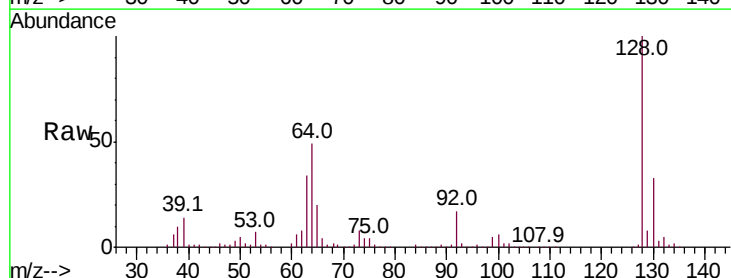
Delta R.T. -0.00 min

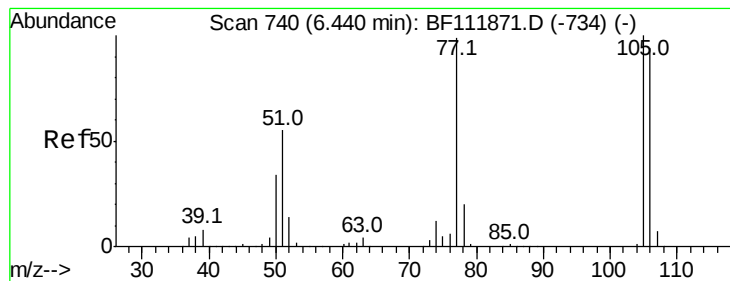
Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion: 128 Resp: 468188

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	49.3	31.8	71.8





#9

Benzaldehyde

Concen: 37.527 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

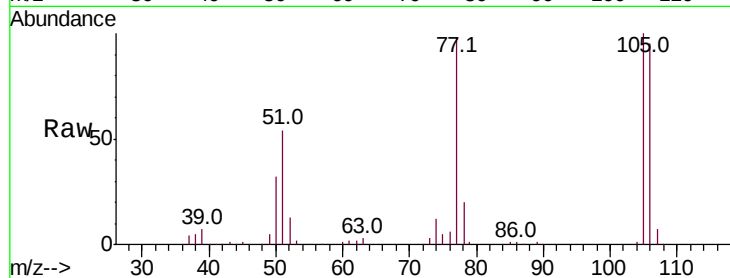
Tot Ion: 77 Resp: 306395

Ion Ratio Lower Upper

77 100

105 101.7 80.6 120.6

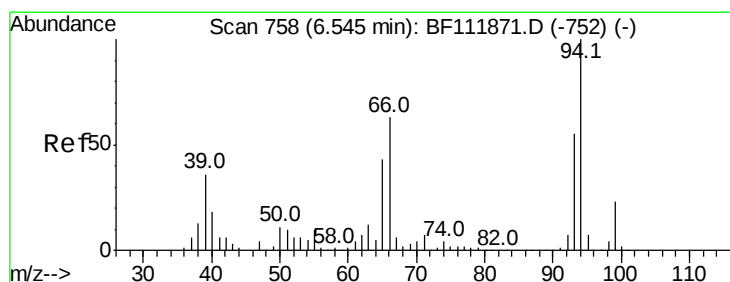
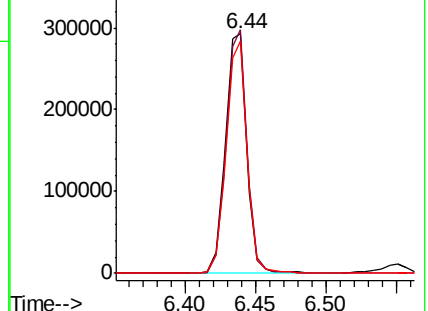
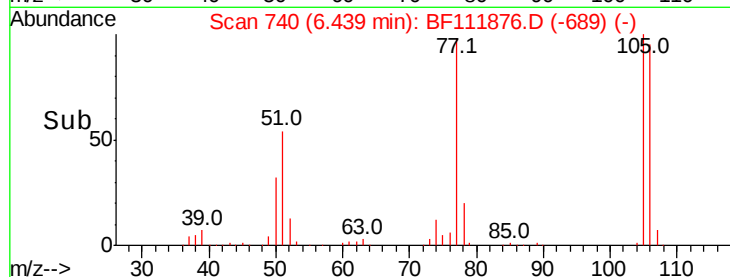
106 96.7 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.339 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

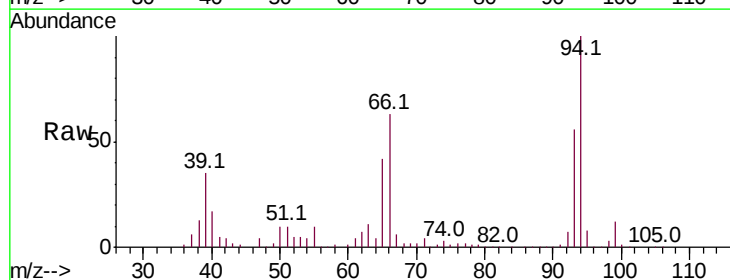
Tgt Ion: 94 Resp: 581761

Ion Ratio Lower Upper

94 100

65 41.5 22.8 62.8

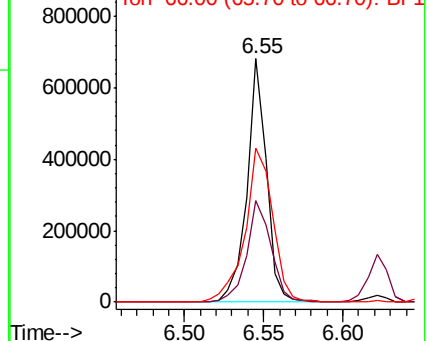
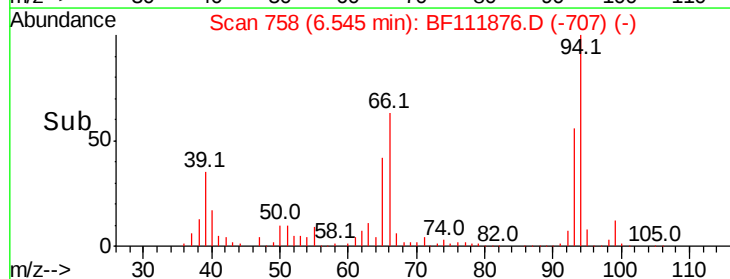
66 63.2 43.3 83.3

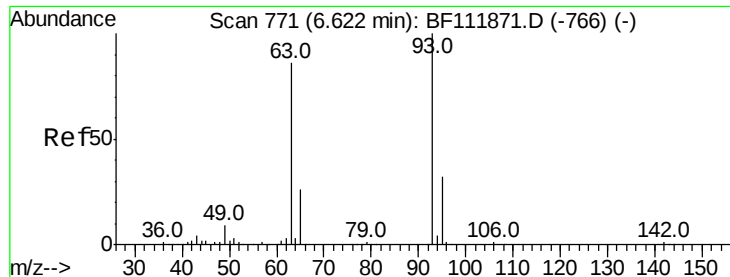


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

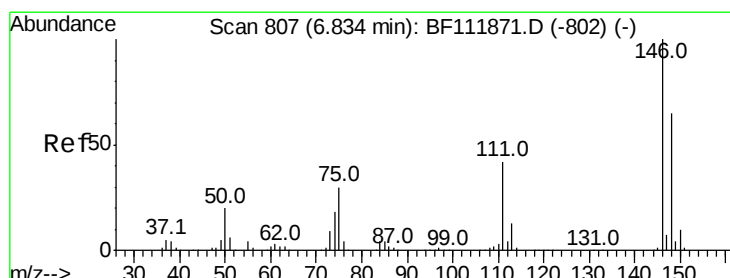
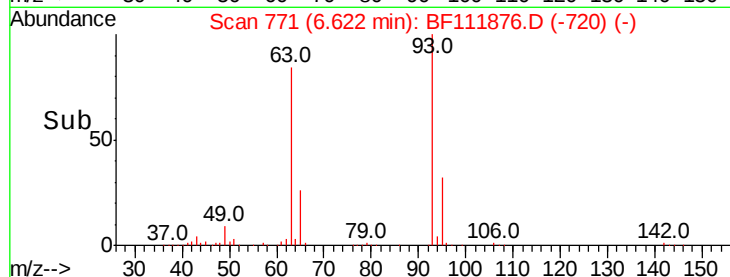
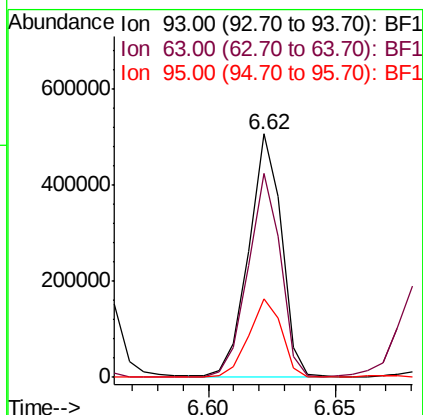
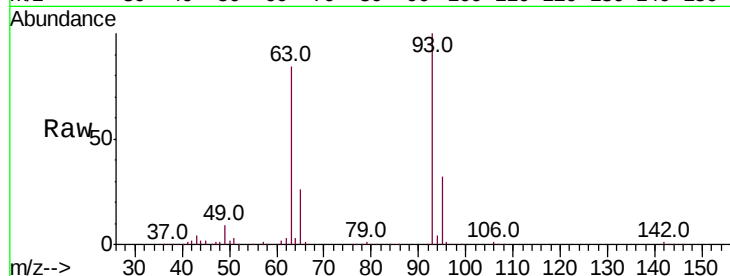




#11
bis(2-Chloroethyl)ether
Concen: 37.808 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

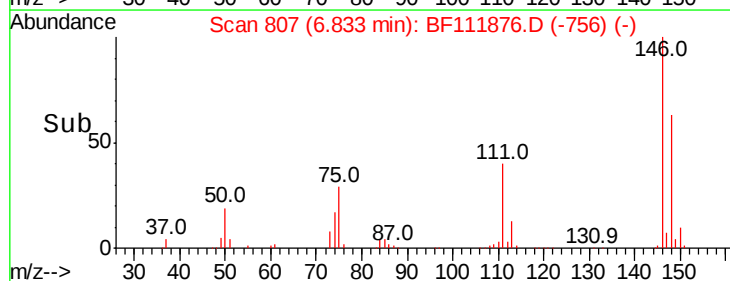
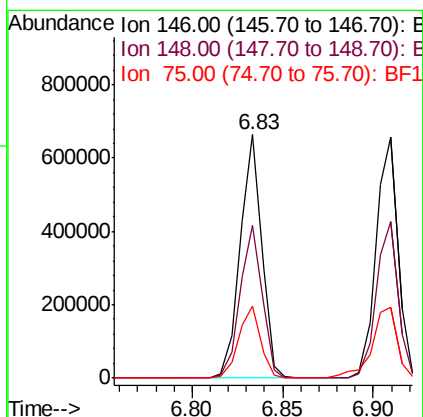
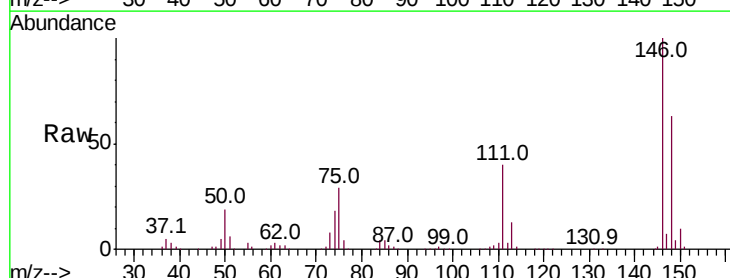
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

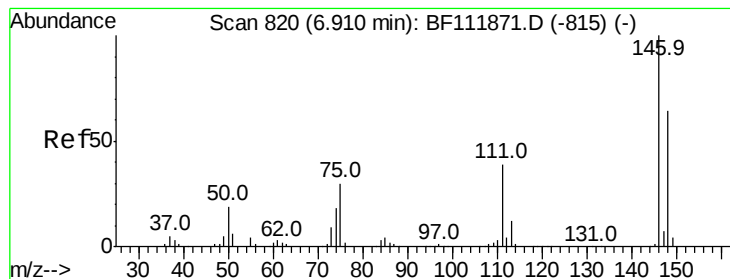
Tot Ion: 93 Resp: 455712
Ion Ratio Lower Upper
93 100
63 83.6 65.2 105.2
95 32.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.382 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion: 146 Resp: 549526
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 29.5 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 38.159 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

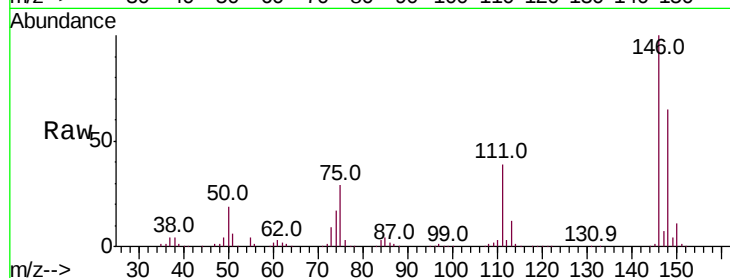
Tot Ion:146 Resp: 554402

Ion Ratio Lower Upper

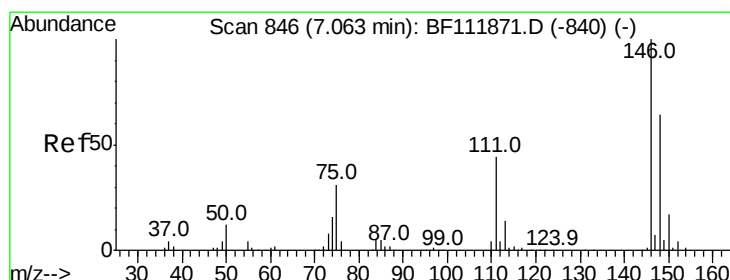
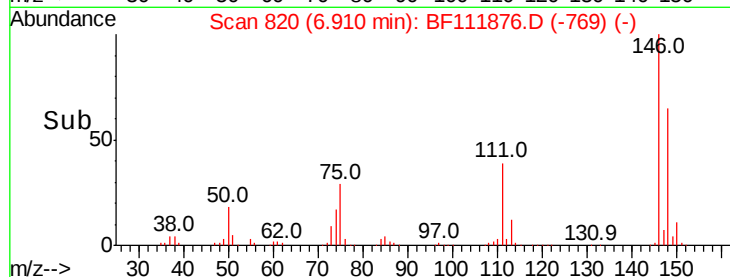
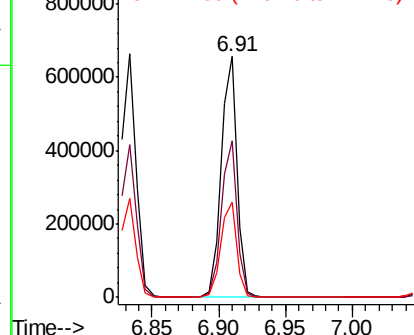
146 100

148 65.1 51.2 76.8

111 39.5 31.5 47.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.133 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

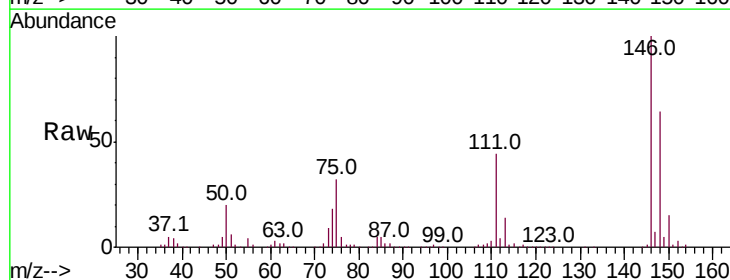
Tgt Ion:146 Resp: 515699

Ion Ratio Lower Upper

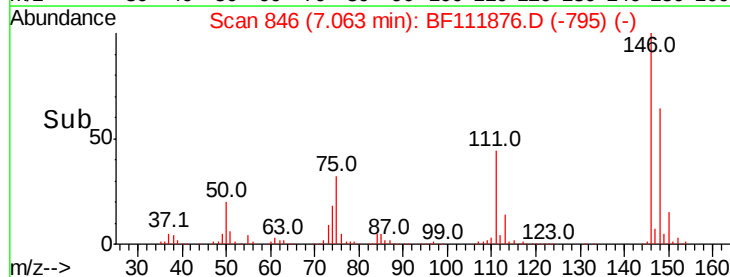
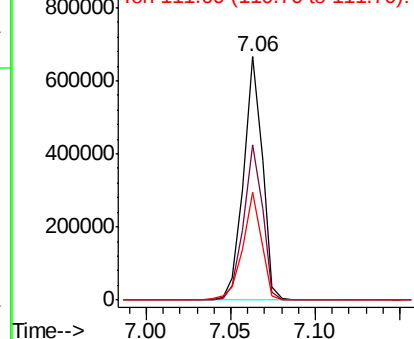
146 100

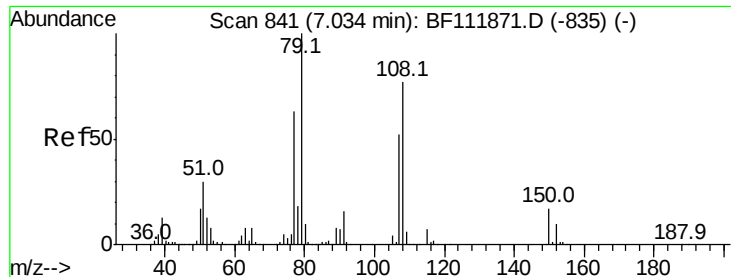
148 63.6 51.5 77.3

111 44.4 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.673 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

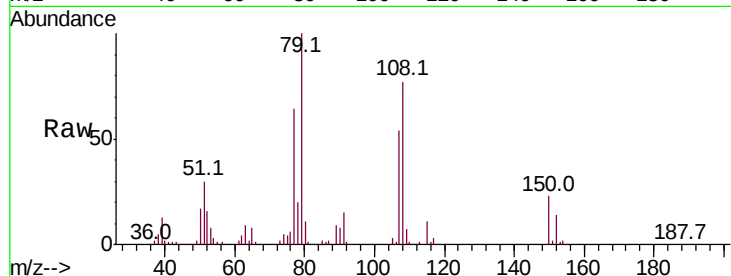
Tot Ion: 79 Resp: 427292

Ion Ratio Lower Upper

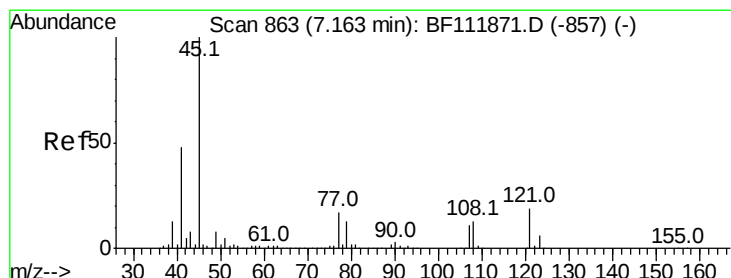
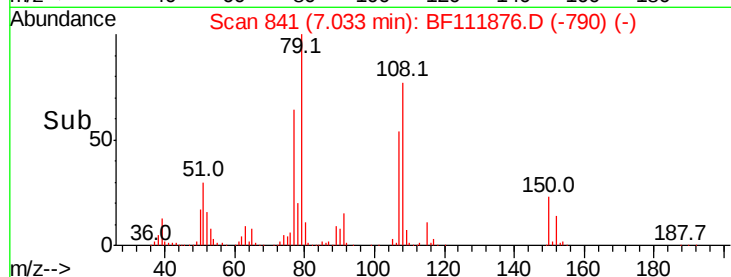
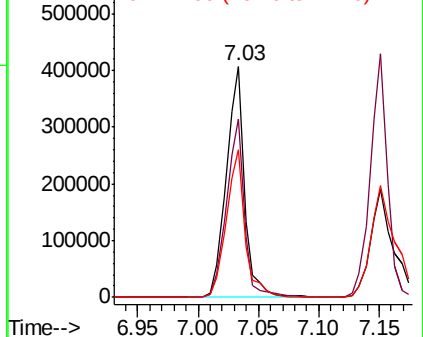
79 100

108 77.1 61.4 92.0

77 63.9 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.791 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

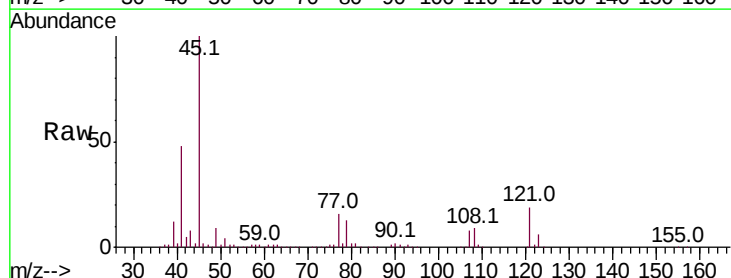
Tgt Ion: 45 Resp: 776631

Ion Ratio Lower Upper

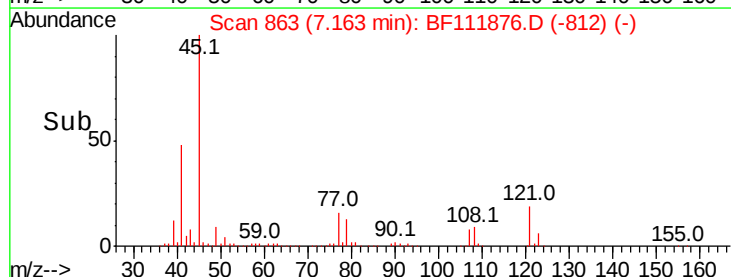
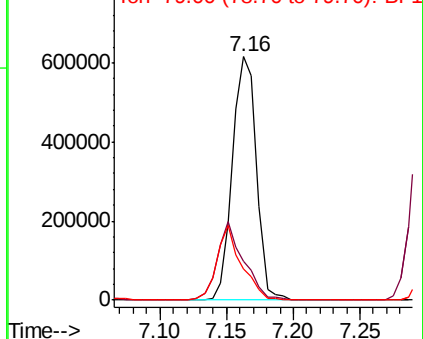
45 100

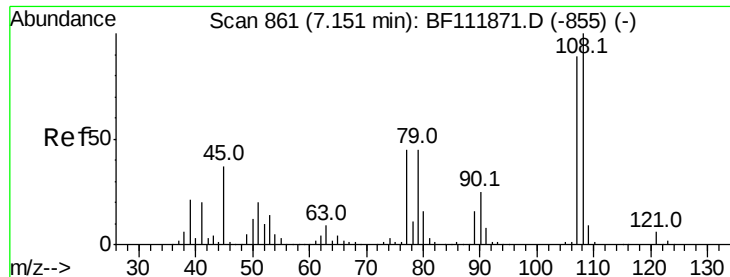
77 15.9 0.0 37.1

79 12.6 0.0 33.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

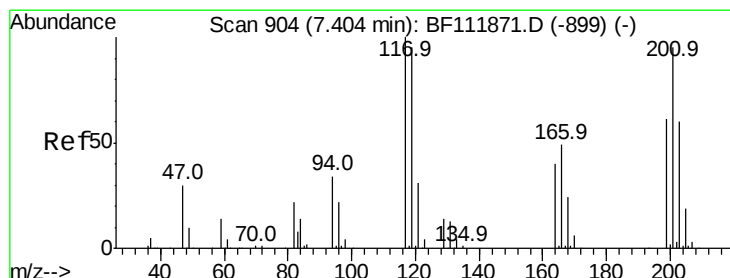
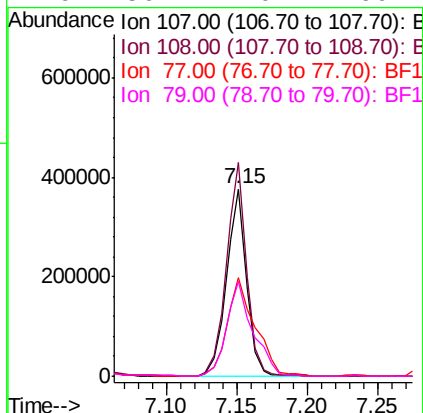
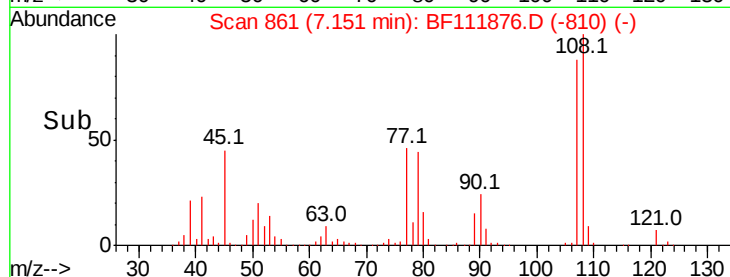
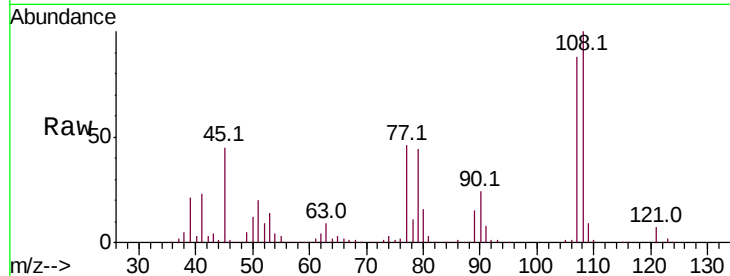




#17
2-Methylphenol
Concen: 37.418 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

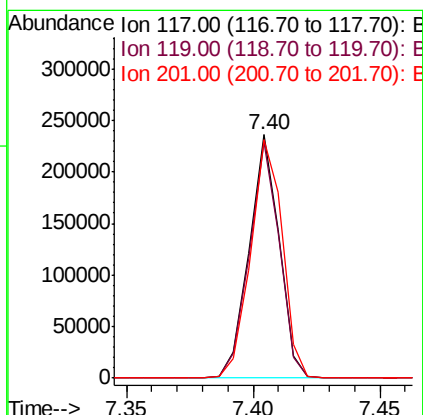
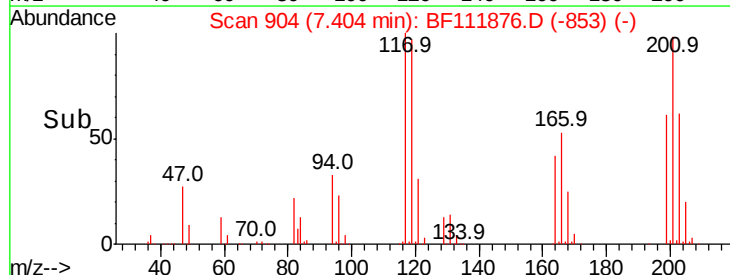
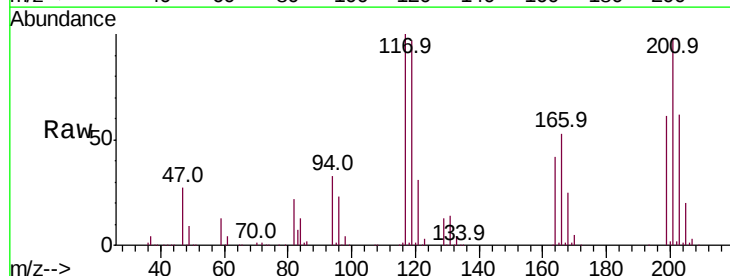
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

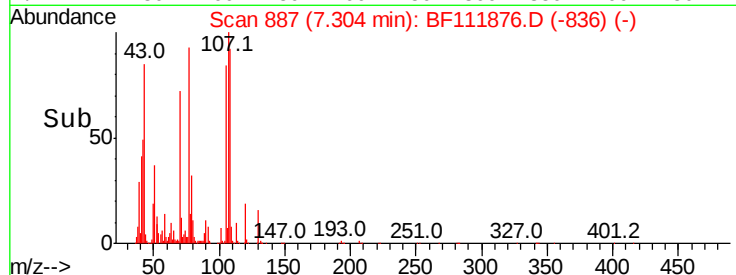
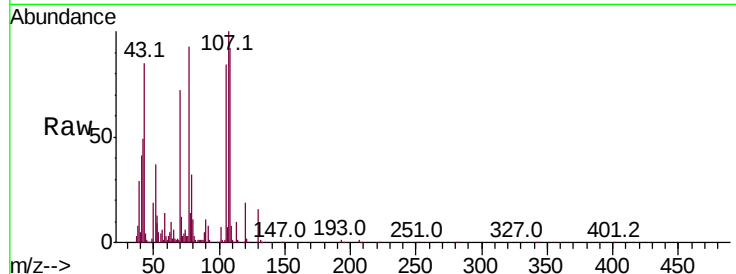
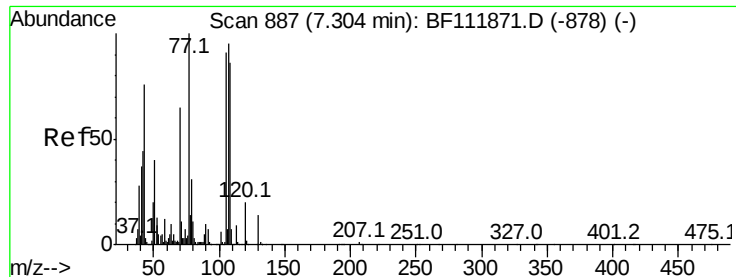
Tot Ion:107 Resp: 371404
Ion Ratio Lower Upper
107 100
108 114.0 89.7 134.5
77 52.6 40.6 60.8
79 50.4 40.2 60.2



#18
Hexachloroethane
Concen: 38.392 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:117 Resp: 194747
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.2
201 98.1 75.7 113.5

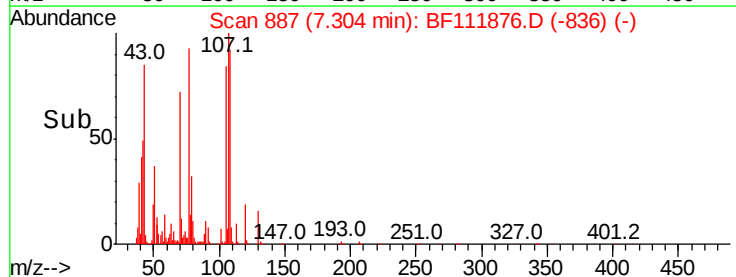
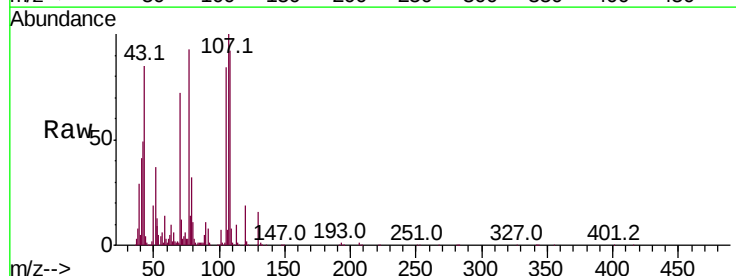
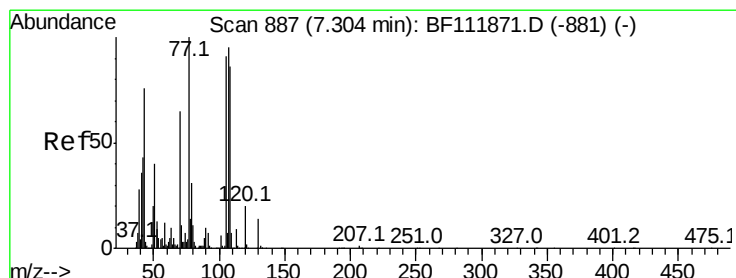
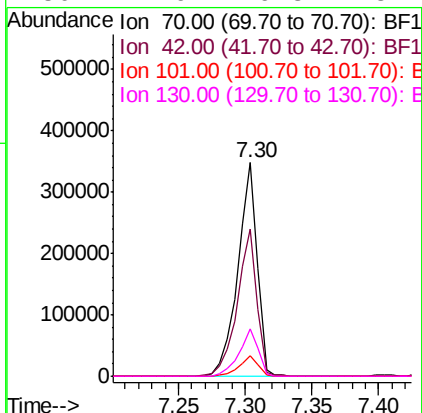




#19
n-Nitroso-di-n-propylamine
Concen: 37.945 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

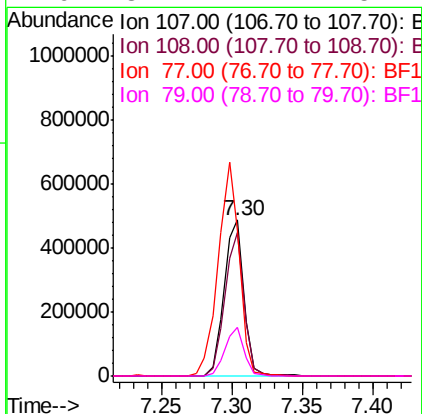
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

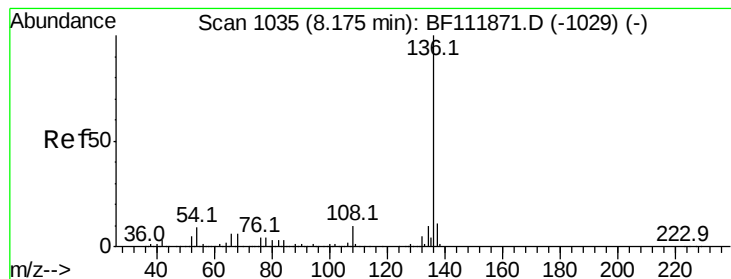
Tot Ion:	70	Resp:	353425
Ion	Ratio	Lower	Upper
70	100		
42	68.8	53.6	80.4
101	9.8	7.3	10.9
130	21.9	16.8	25.2



#20
3+4-Methylphenols
Concen: 38.348 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:	107	Resp:	473729
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.1	111.1
77	93.4	85.4	125.4
79	31.7	12.4	52.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

Tot Ion:136 Resp: 728429

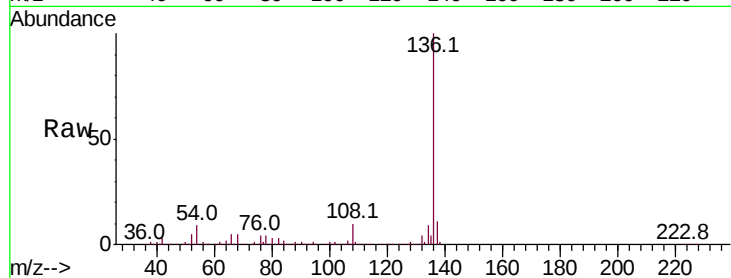
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.9 7.2 10.8

68 5.5 4.4 6.6

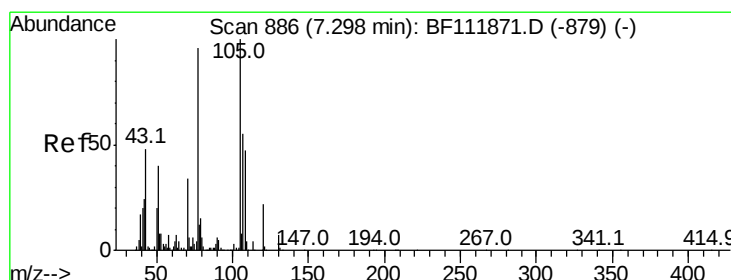
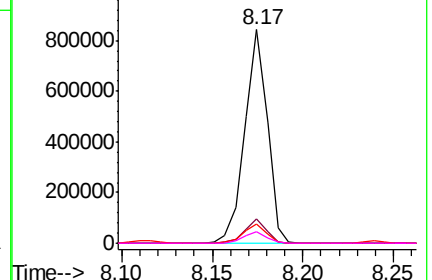
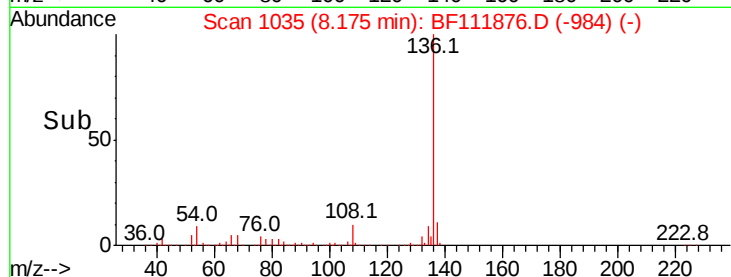


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.065 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion:105 Resp: 683528

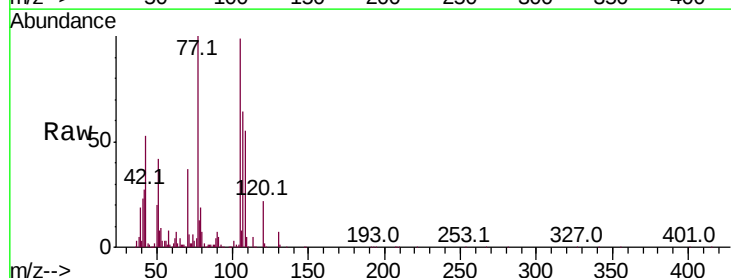
Ion Ratio Lower Upper

105 100

71 6.3 4.6 6.8

51 42.6 32.2 48.2

120 22.6 17.5 26.3

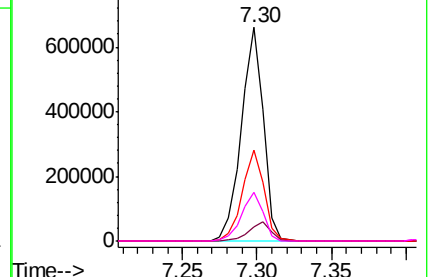
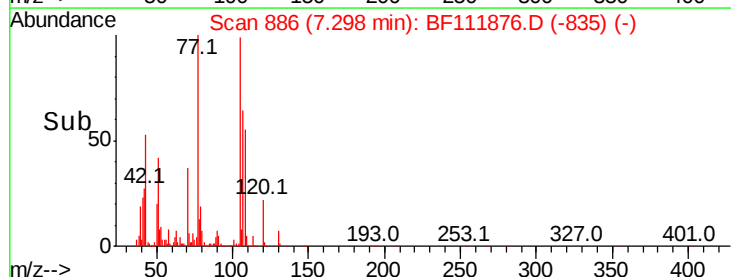


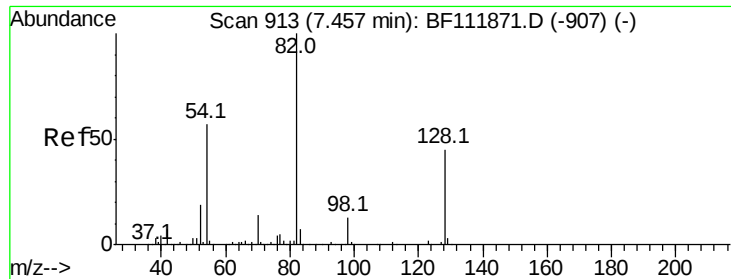
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

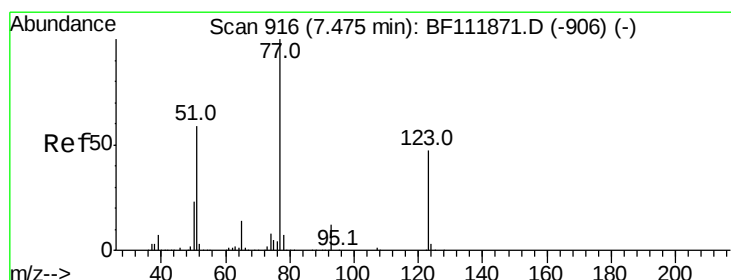
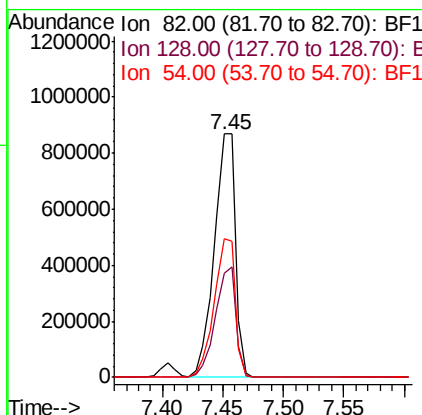
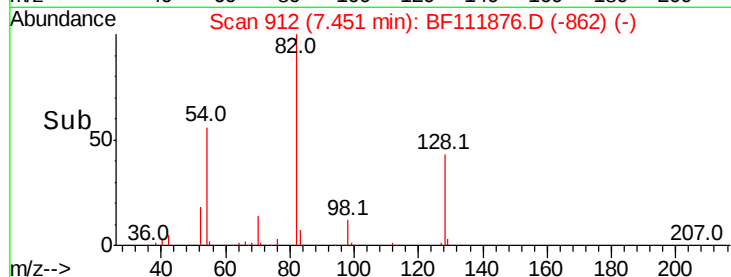
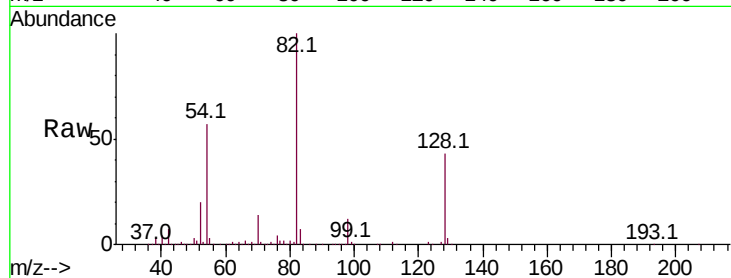




#23
Nitrobenzene-d5
Concen: 76.469 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

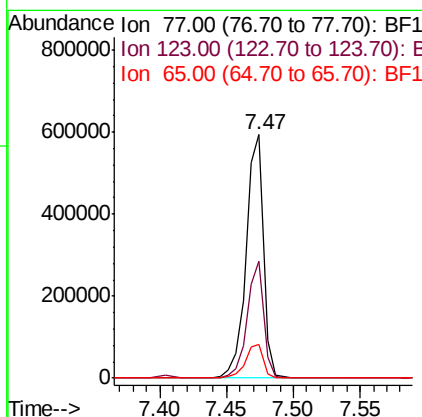
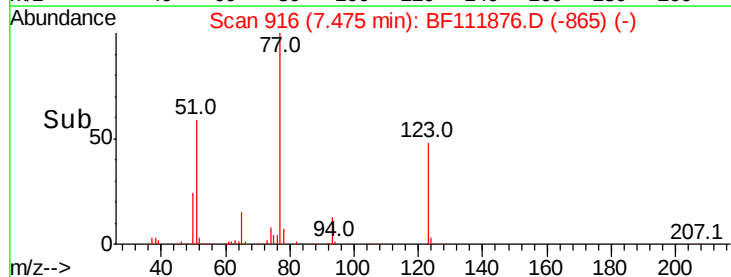
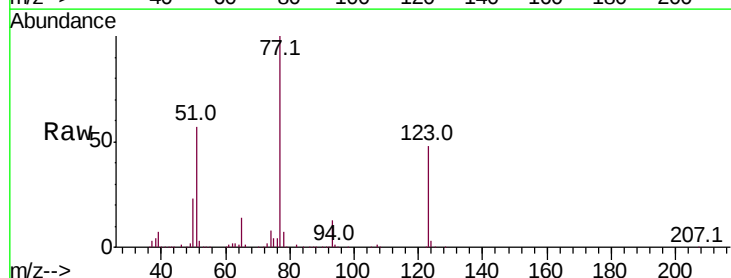
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

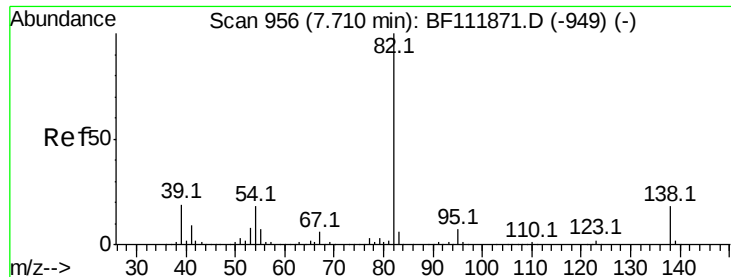
Tot Ion: 82 Resp: 1042227
Ion Ratio Lower Upper
82 100
128 42.6 35.7 53.5
54 57.2 45.8 68.8



#24
Nitrobenzene
Concen: 38.284 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion: 77 Resp: 527841
Ion Ratio Lower Upper
77 100
123 48.1 38.1 57.1
65 13.9 11.0 16.4





#25

Isophorone

Concen: 37.905 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

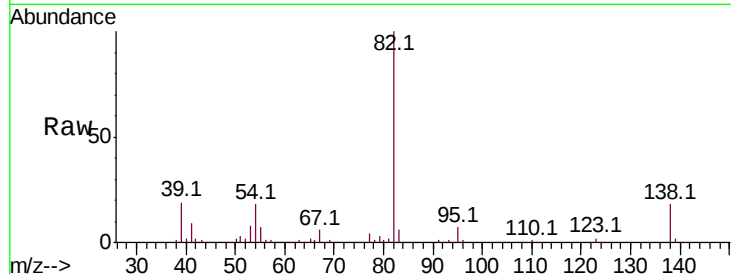
Tot Ion: 82 Resp: 836572

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

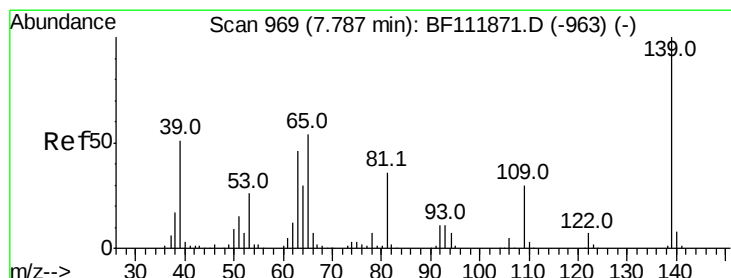
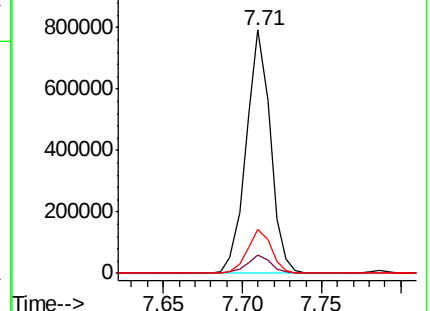
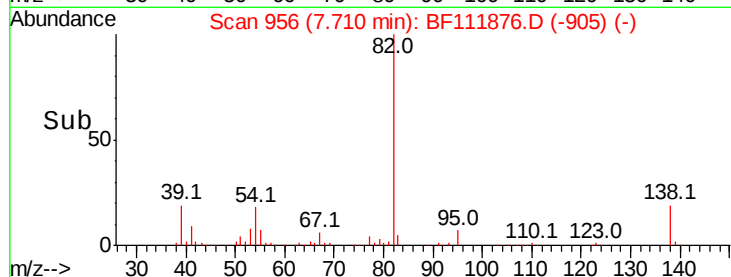
138 17.9 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.911 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

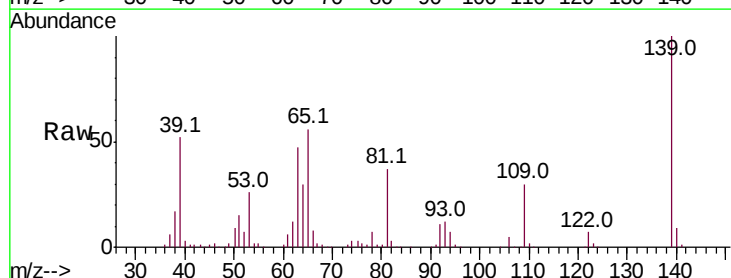
Tgt Ion: 139 Resp: 264153

Ion Ratio Lower Upper

139 100

109 30.2 24.1 36.1

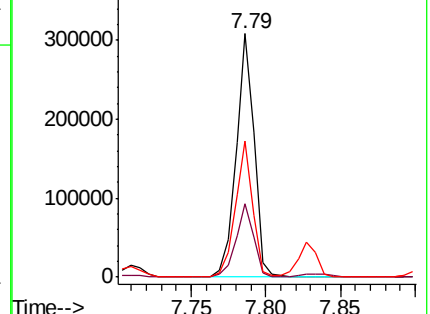
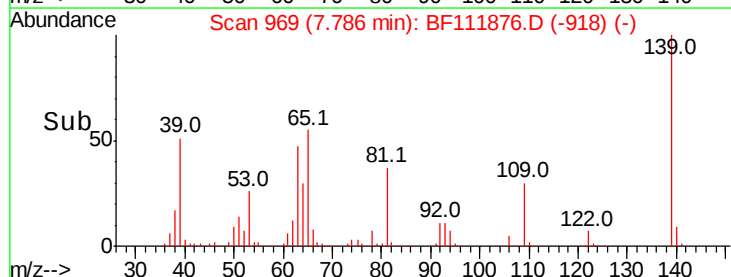
65 55.7 43.6 65.4

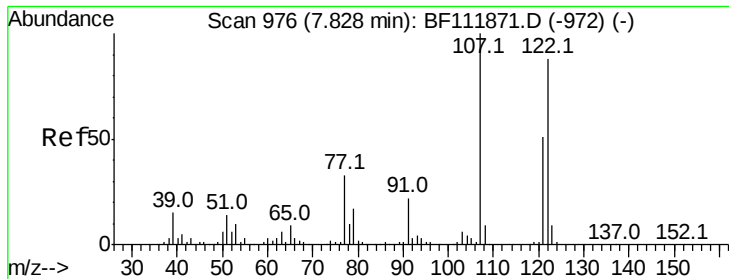


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

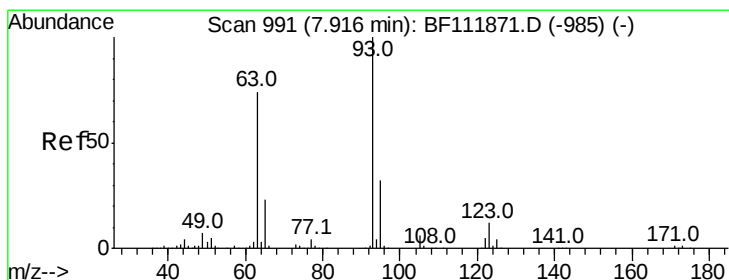
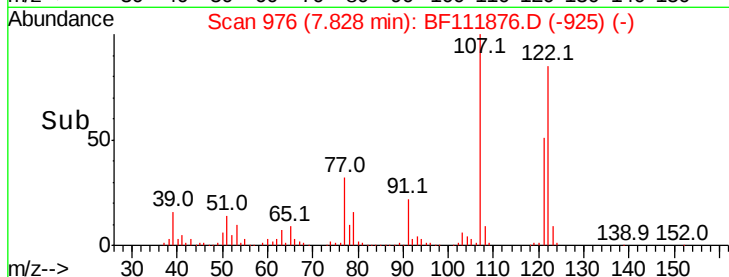
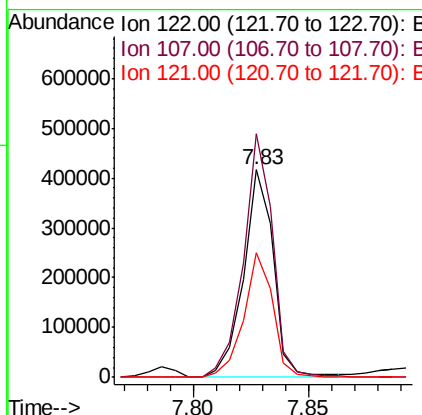
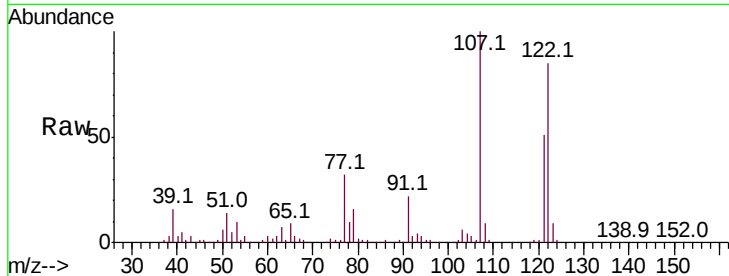




#27
 2,4-Dimethylphenol
 Concen: 38.097 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

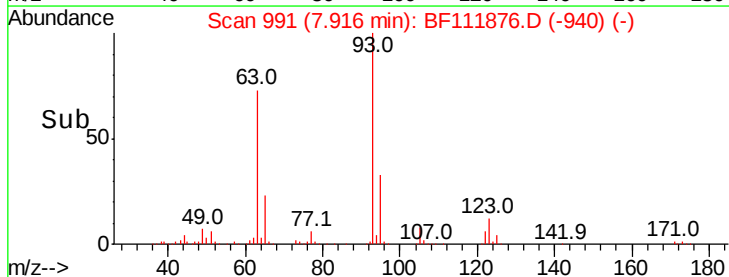
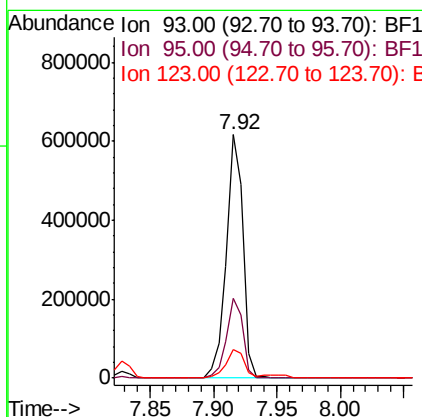
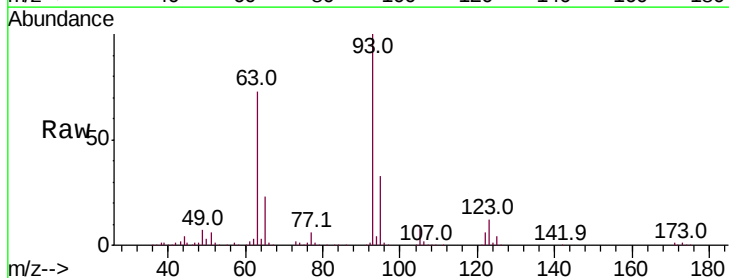
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

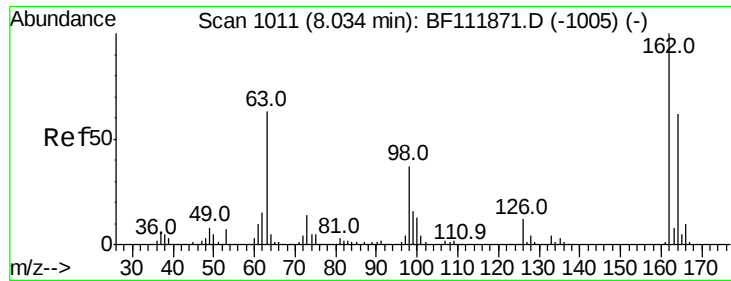
Tot Ion:122 Resp: 373946
 Ion Ratio Lower Upper
 122 100
 107 117.3 91.0 136.6
 121 59.8 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.941 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion: 93 Resp: 558934
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.6
 123 11.8 9.5 14.3

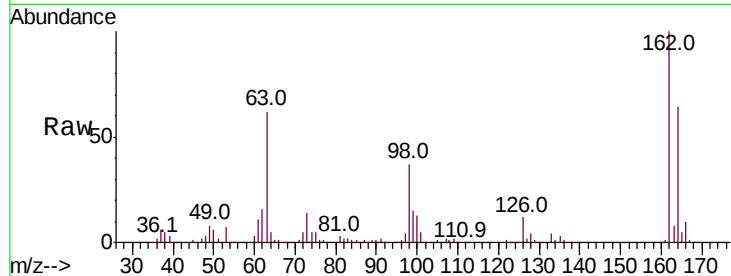




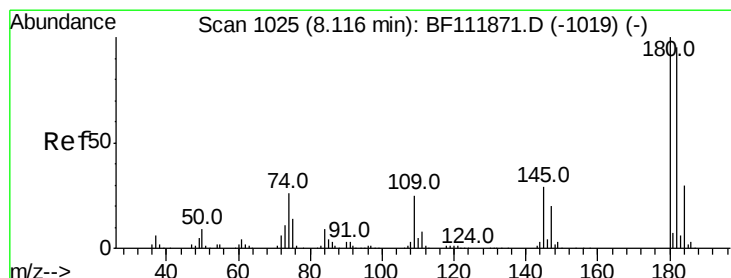
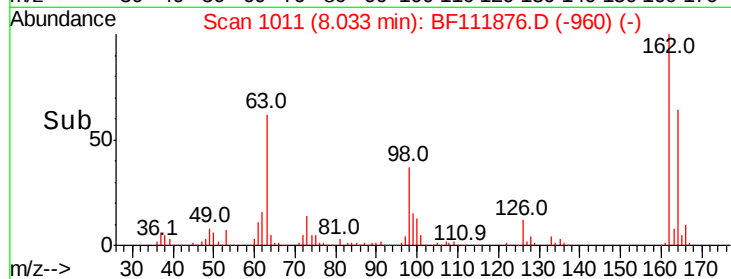
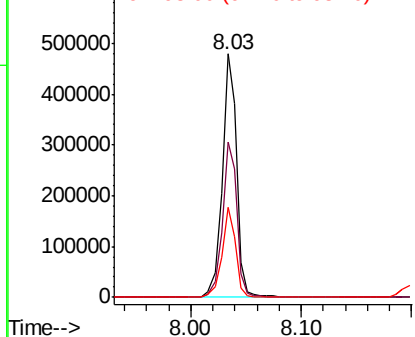
#29
 2,4-Dichlorophenol
 Concen: 38.455 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

Tot Ion:162 Resp: 434032
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.1 82.1
 98 37.0 17.2 57.2

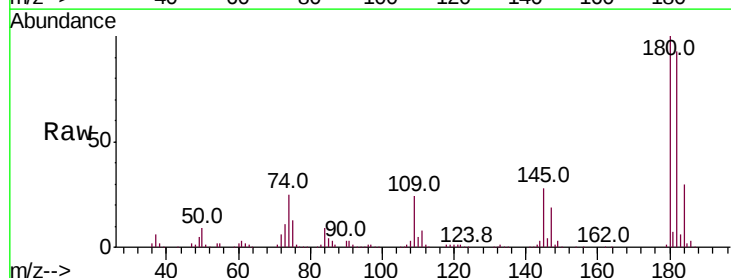


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

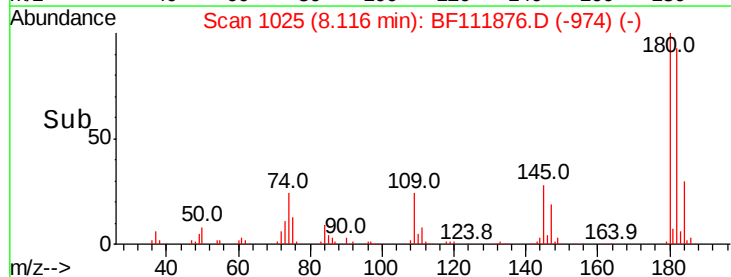
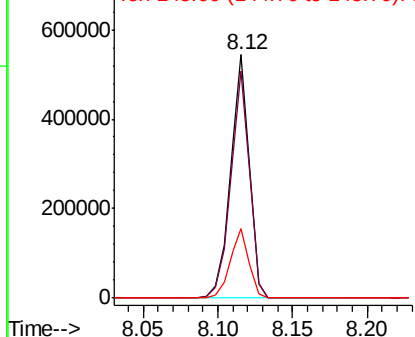


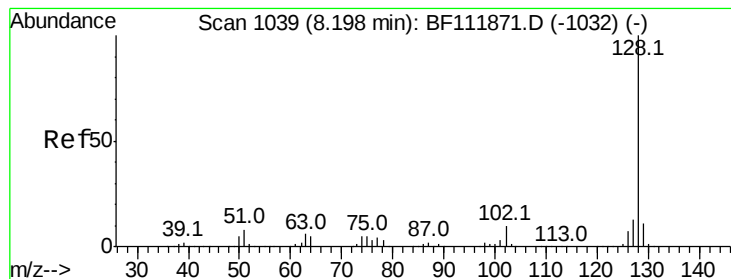
#30
 1,2,4-Trichlorobenzene
 Concen: 38.909 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion:180 Resp: 484480
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.2 114.4
 145 28.3 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.408 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

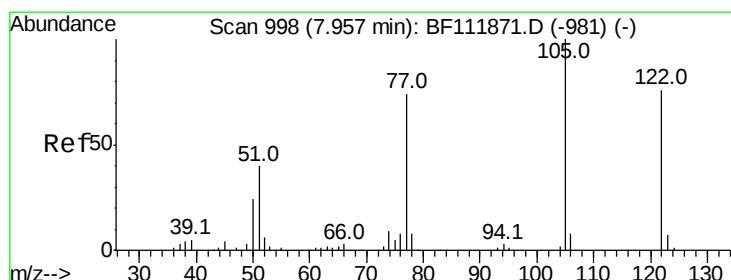
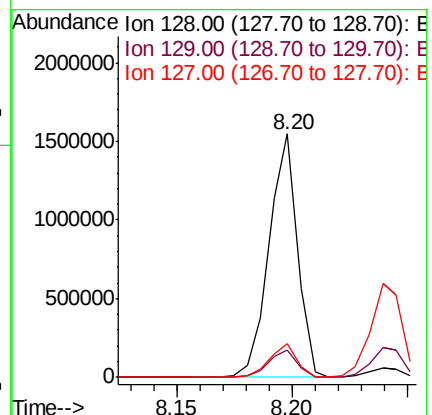
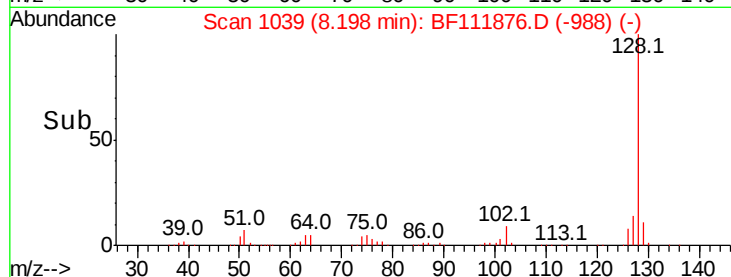
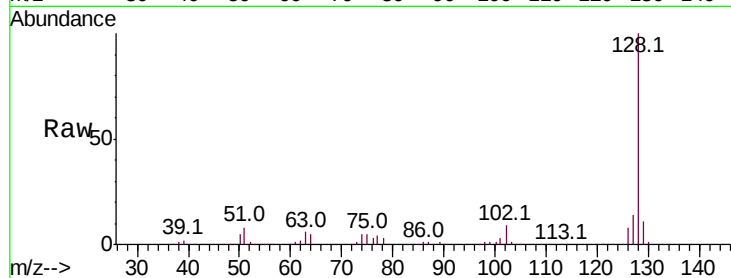
Tot Ion:128 Resp: 1328097

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 34.234 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

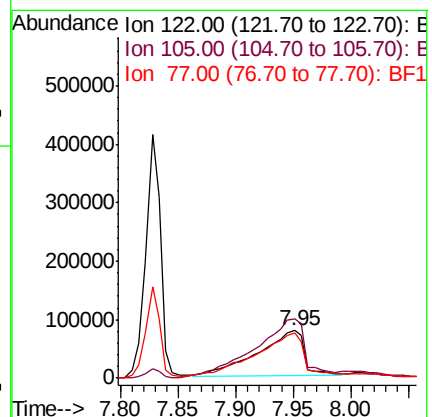
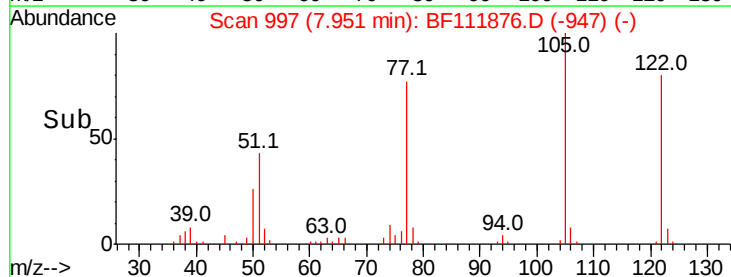
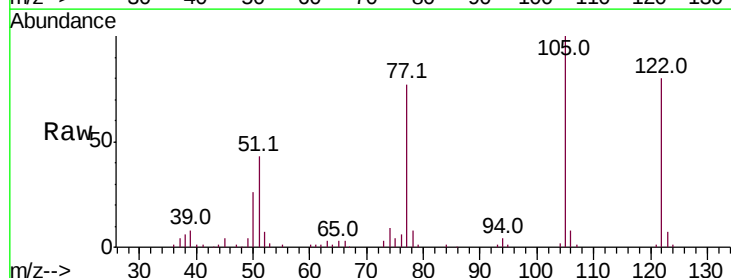
Tgt Ion:122 Resp: 218062

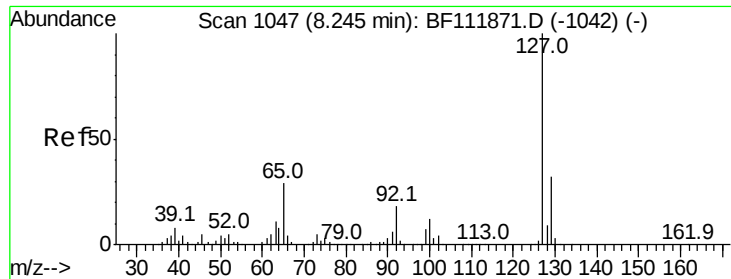
Ion Ratio Lower Upper

122 100

105 125.0 107.9 147.9

77 96.1 76.6 116.6

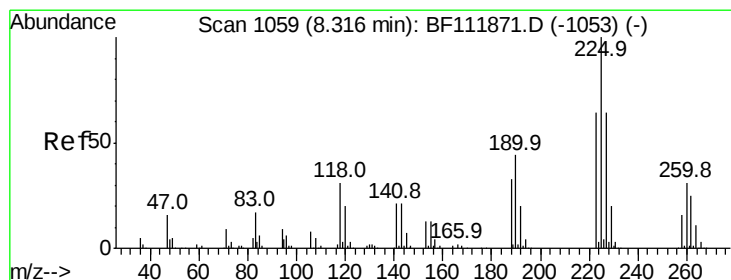
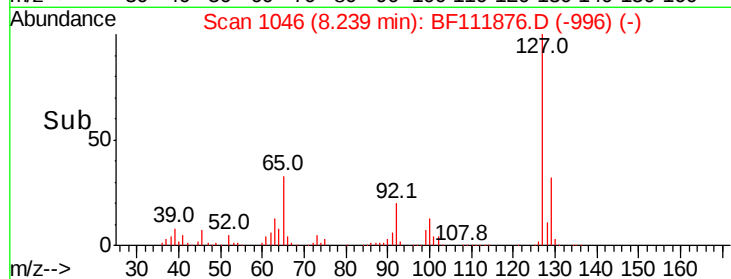
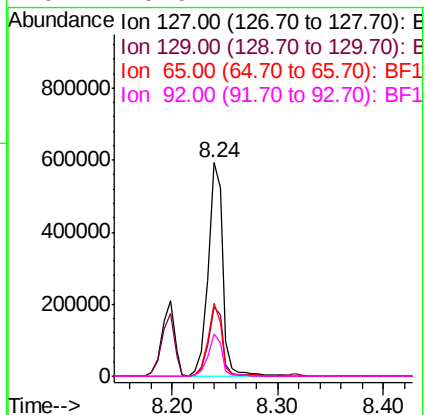
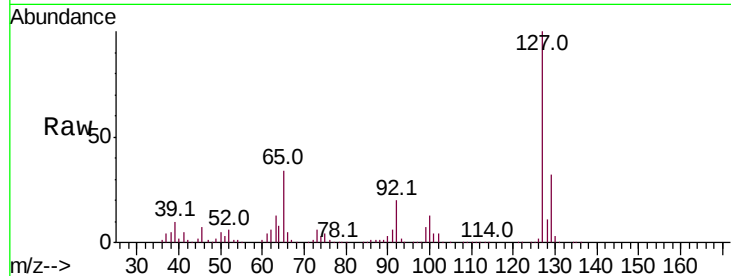




#33
4-Chloroaniline
Concen: 38.705 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

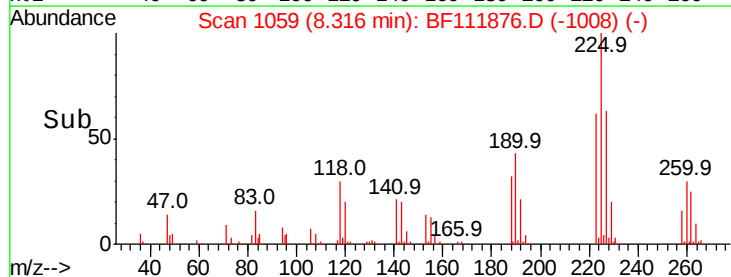
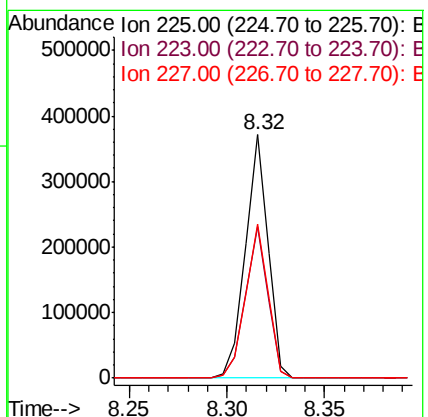
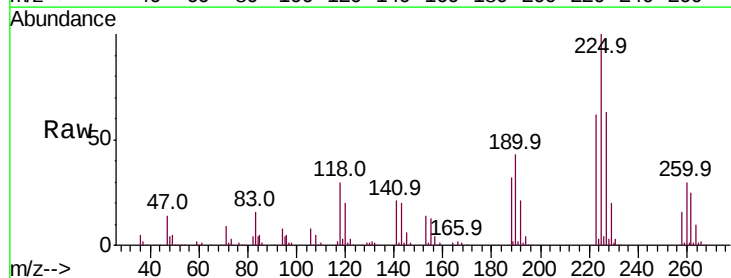
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

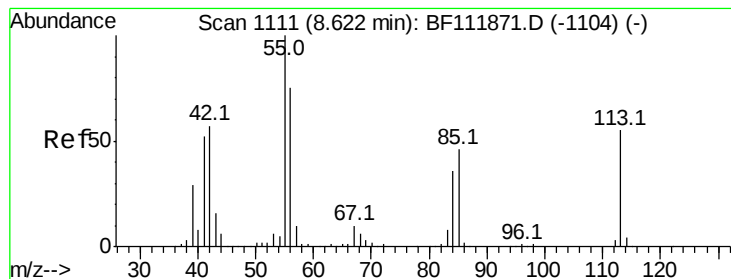
Tot Ion:	127	Resp:	578563
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	33.9	23.5	35.3
92	19.9	14.2	21.2



#34
Hexachlorobutadiene
Concen: 38.624 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:	225	Resp:	299398
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	63.5	51.4	77.0





#35

Caprolactam

Concen: 39.667 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

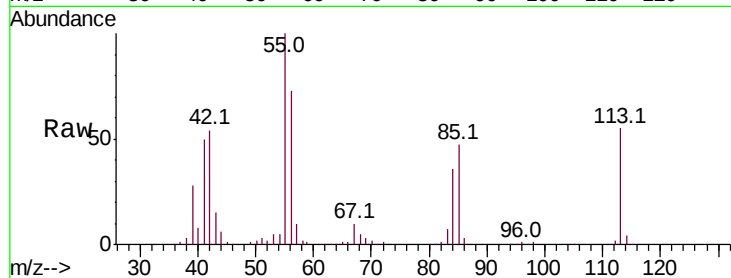
Tot Ion:113 Resp: 146277

Ion Ratio Lower Upper

113 100

55 181.8 162.0 202.0

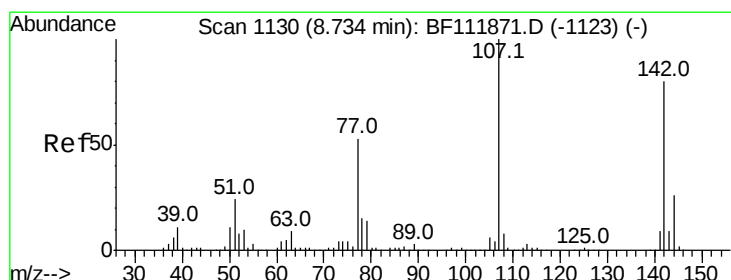
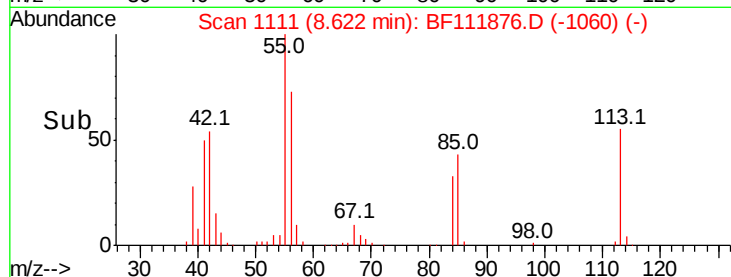
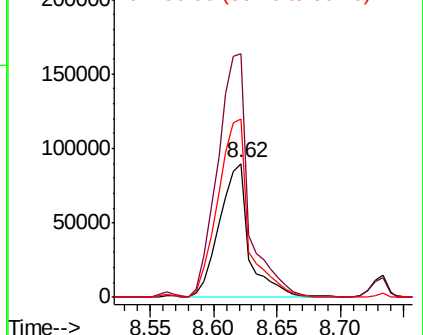
56 133.4 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.814 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

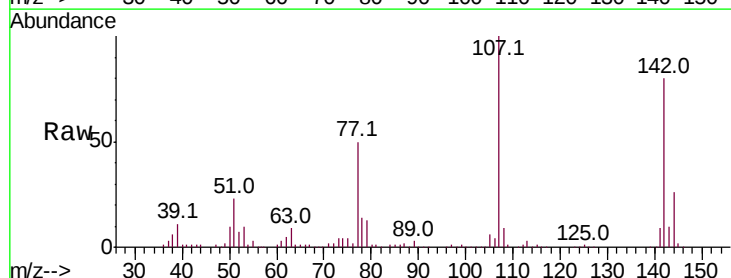
Tgt Ion:107 Resp: 435573

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

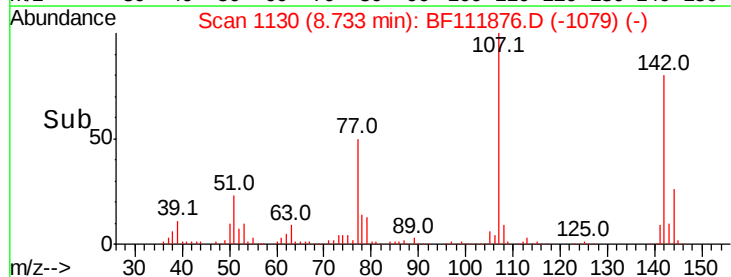
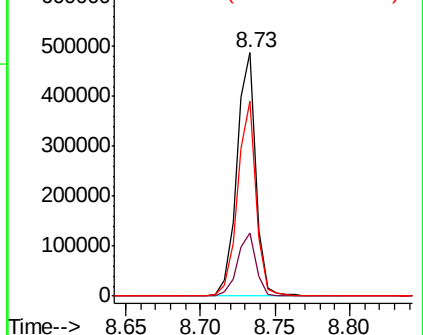
142 80.3 63.9 95.9

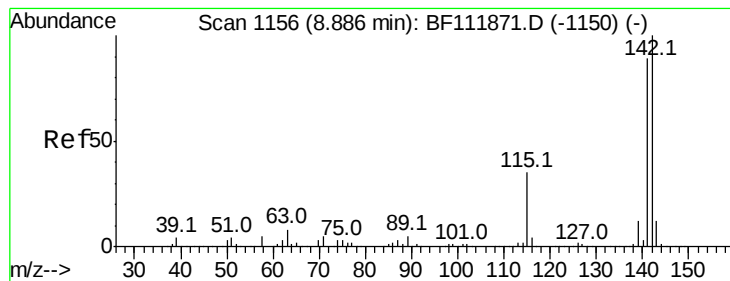


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.143 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

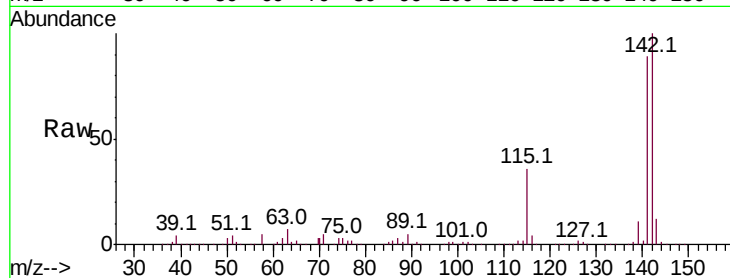
Tot Ion:142 Resp: 881554

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

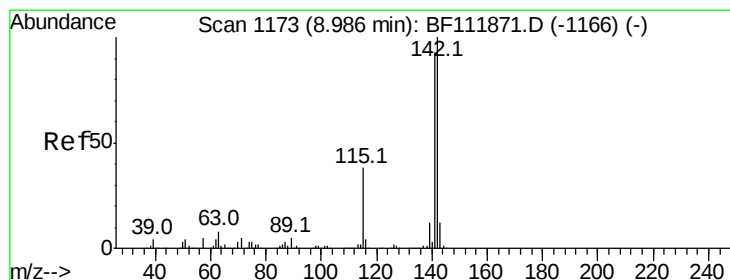
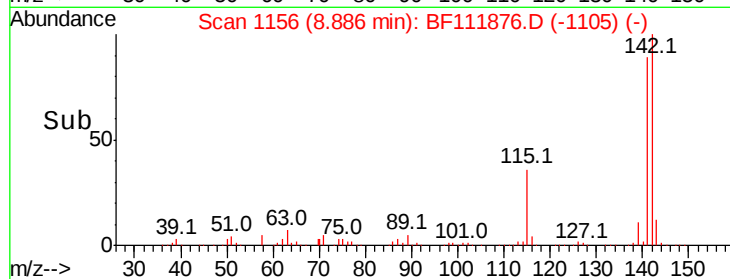
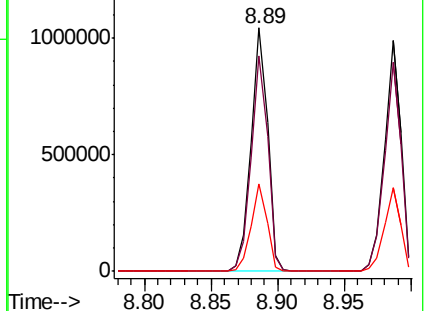
115 35.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.364 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

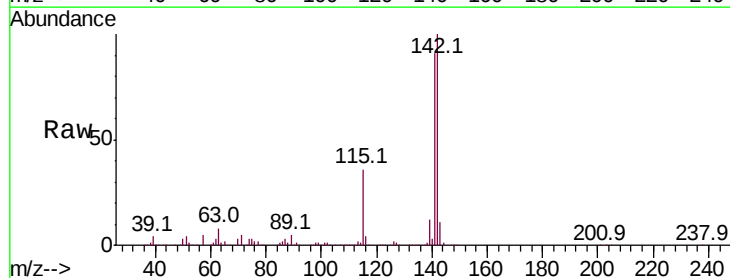
Tgt Ion:142 Resp: 850068

Ion Ratio Lower Upper

142 100

141 91.0 74.8 112.2

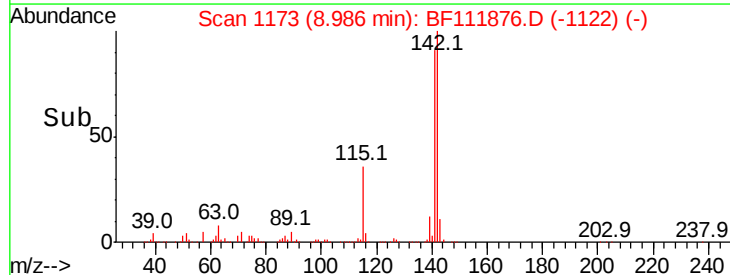
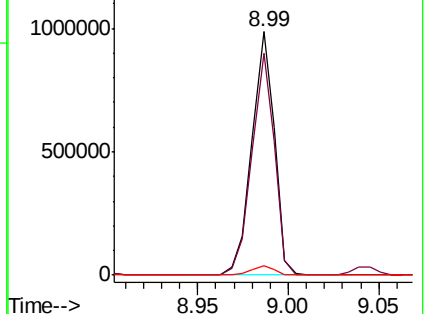
116 3.8 3.1 4.7

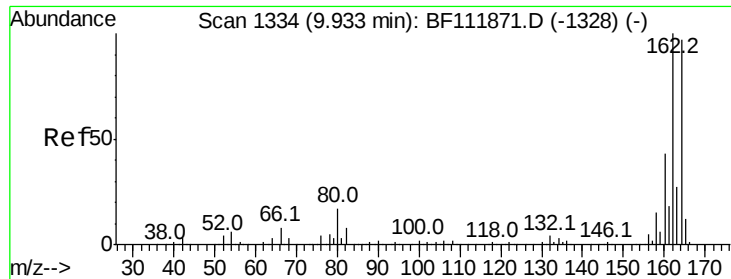


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

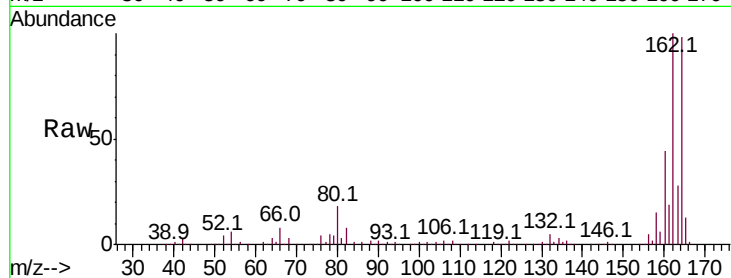
Tot Ion:164 Resp: 382506

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 45.2 35.5 53.3

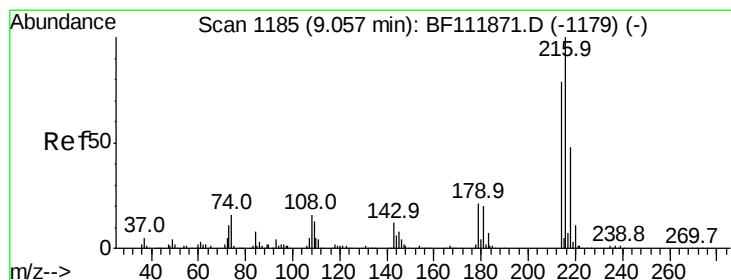
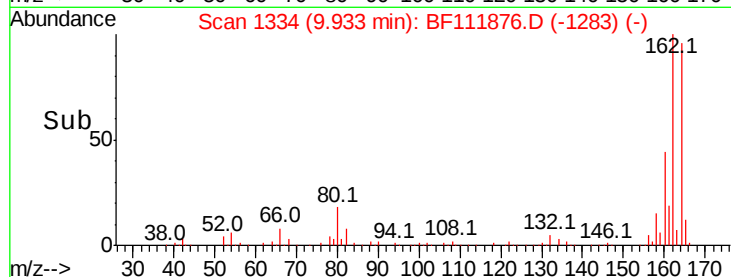
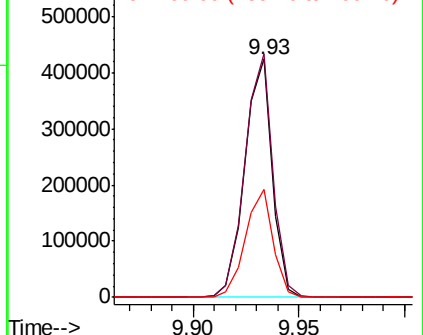


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.381 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion:216 Resp: 480233

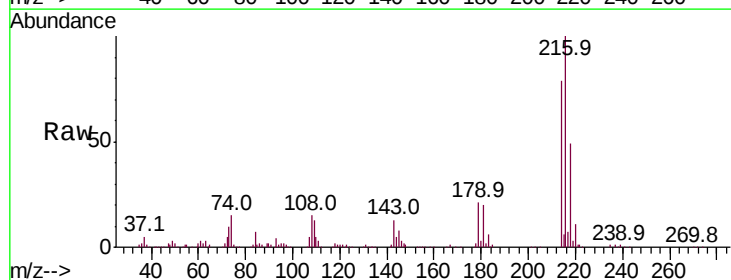
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.1 17.0 25.6

108 17.9 14.6 22.0



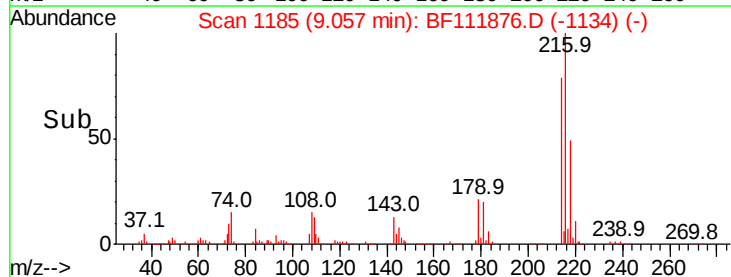
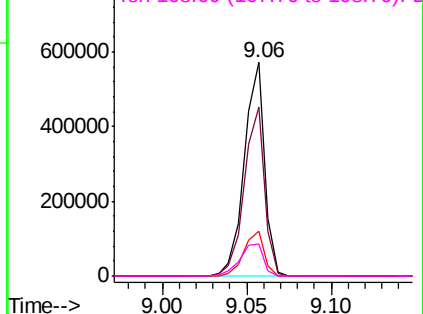
Abundance

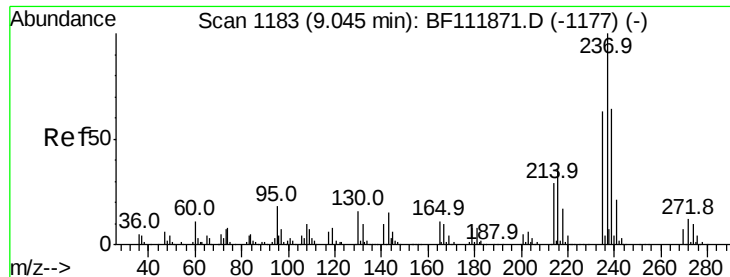
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.928 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

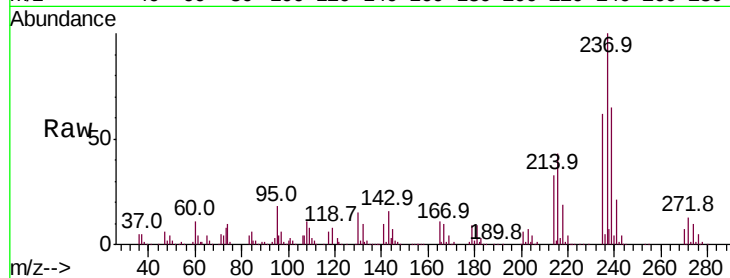
Tot Ion:237 Resp: 281525

Ion Ratio Lower Upper

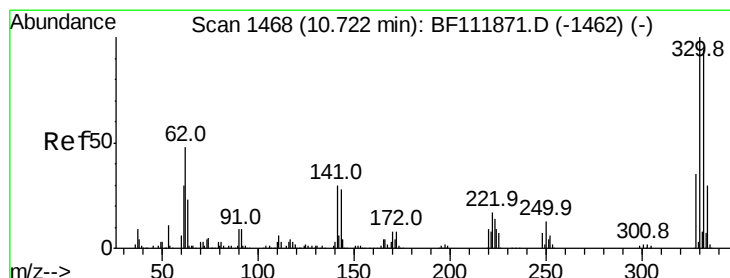
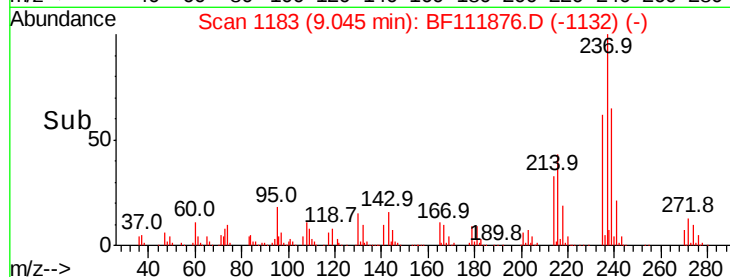
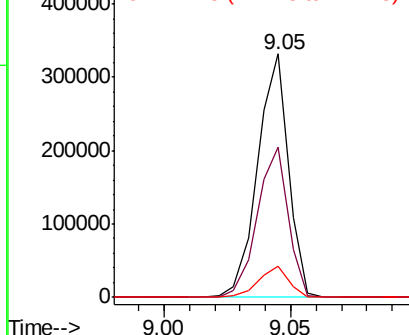
237 100

235 61.8 42.6 82.6

272 12.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 74.149 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

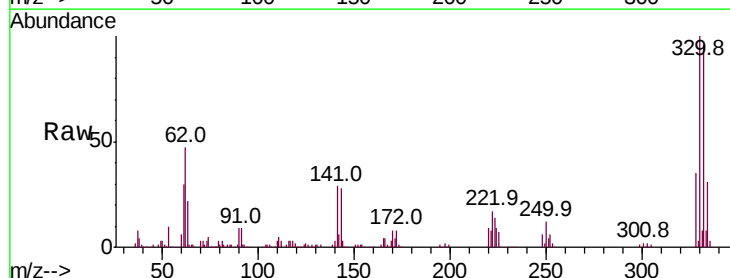
Tgt Ion:330 Resp: 368909

Ion Ratio Lower Upper

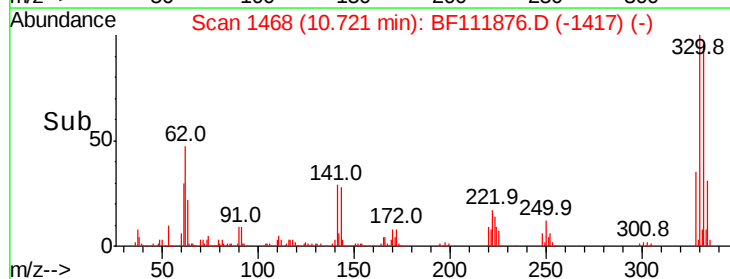
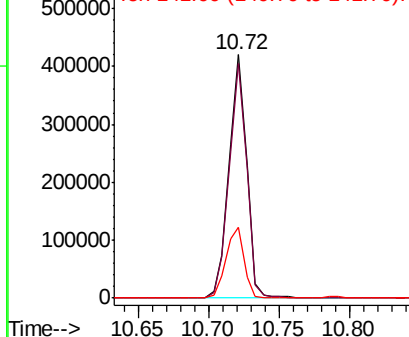
330 100

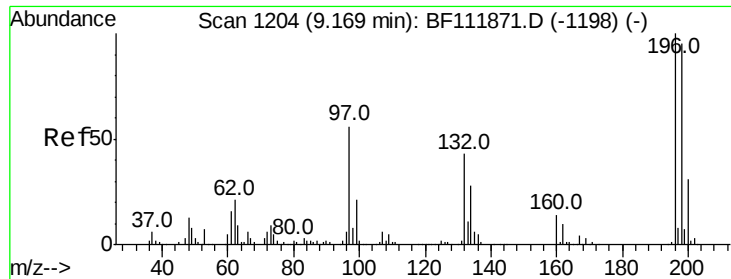
332 96.4 76.9 115.3

141 30.0 23.7 35.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

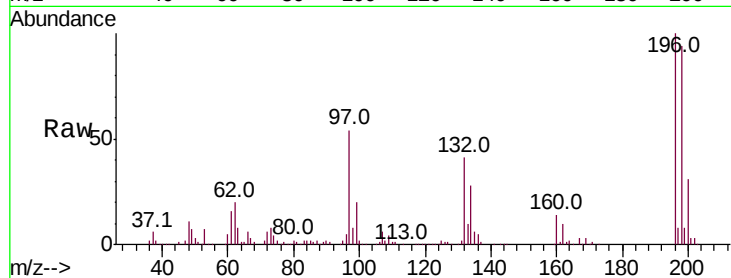




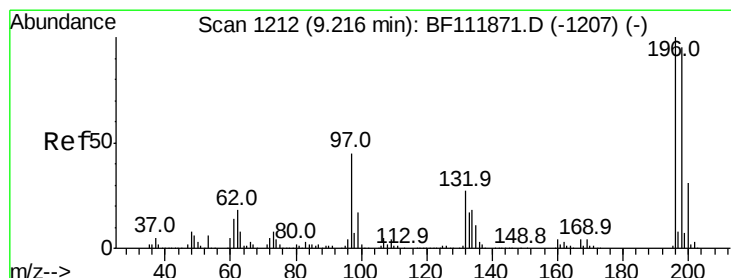
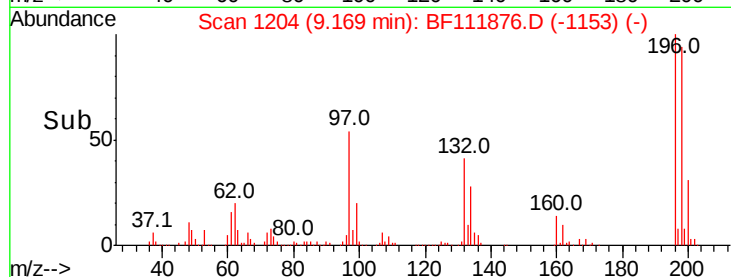
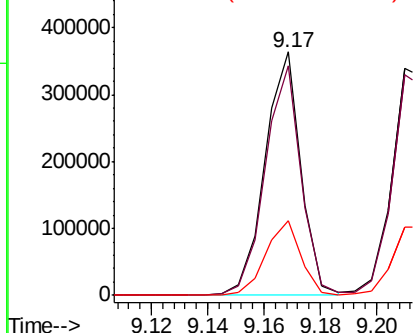
#43
 2,4,6-Trichlorophenol
 Concen: 38.575 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

Tot Ion:196 Resp: 319058
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.8 113.8
 200 30.9 24.5 36.7

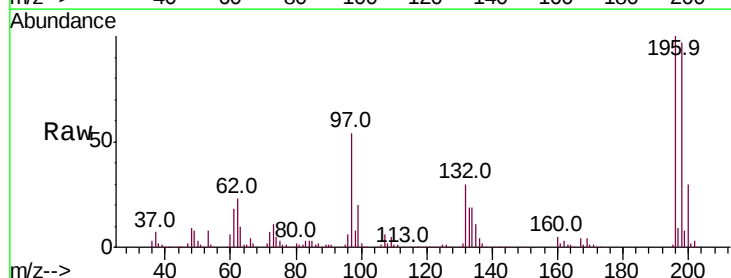


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

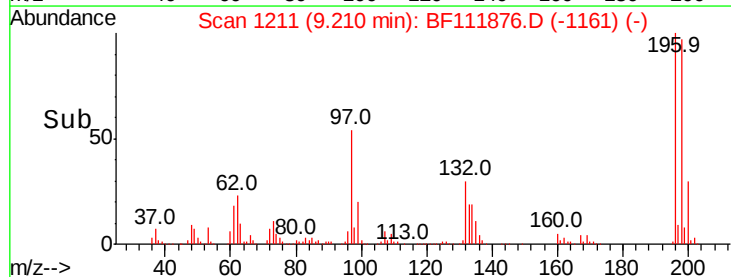
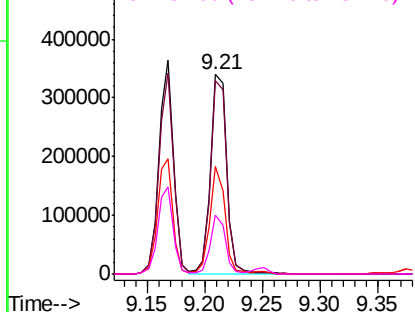


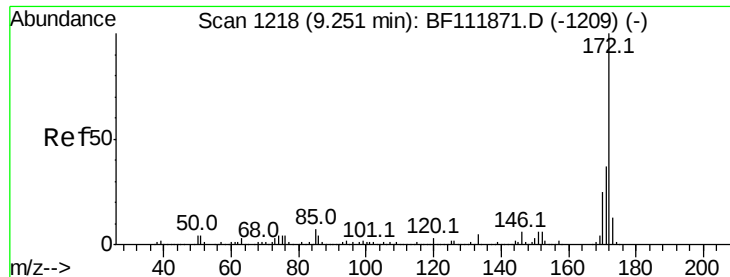
#44
 2,4,5-Trichlorophenol
 Concen: 38.474 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion:196 Resp: 333407
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.2
 97 54.0 36.4 54.6
 132 29.6 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



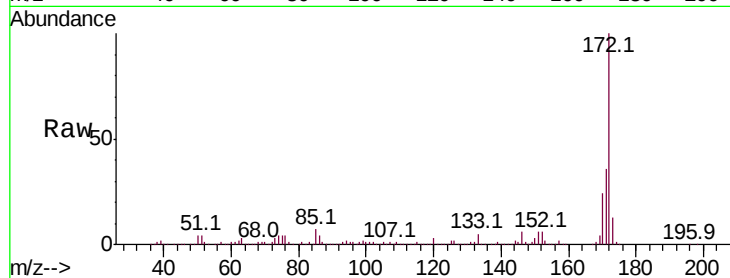


#45
2-Fluorobiphenyl
Concen: 74.781 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

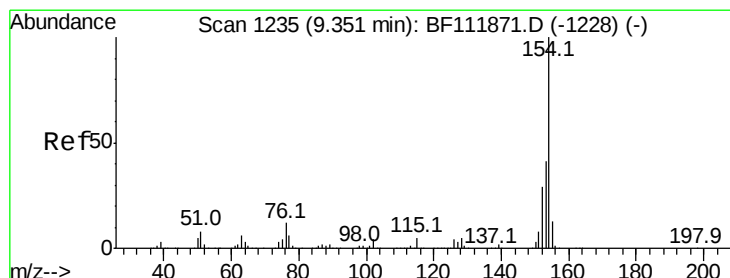
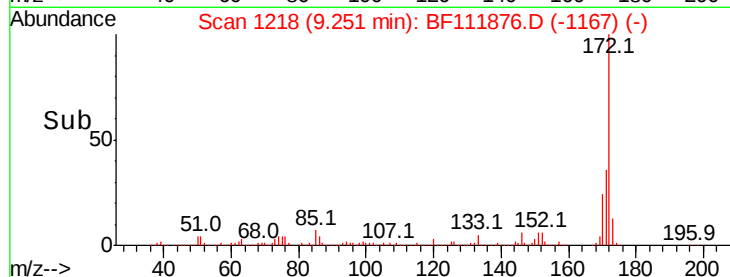
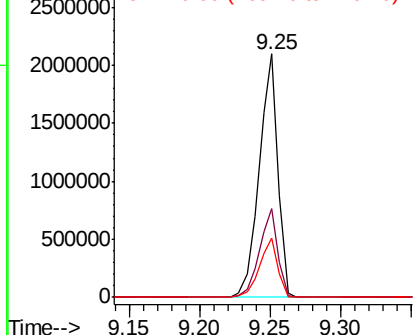
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

Tot Ion:172 Resp: 1961620

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8



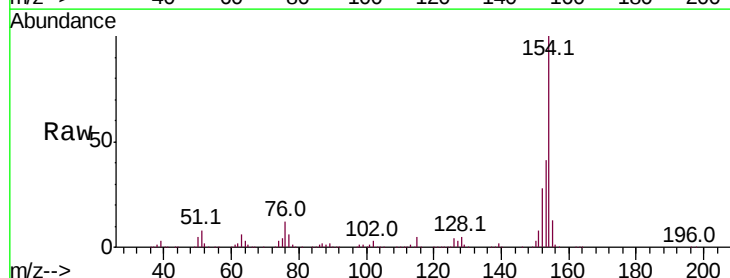
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



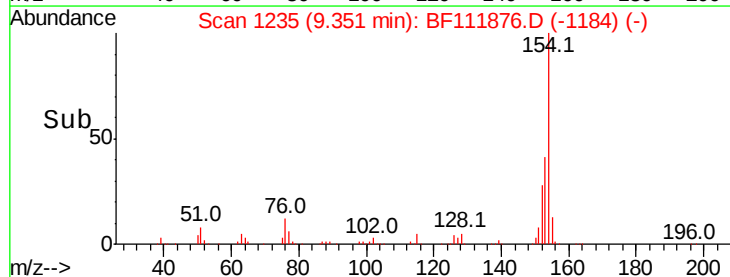
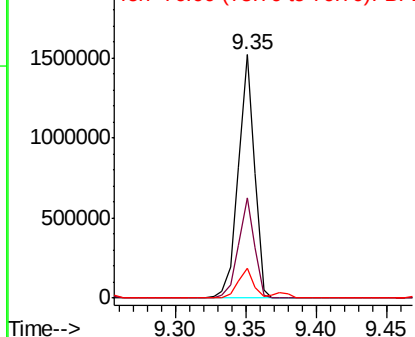
#46
1,1'-Biphenyl
Concen: 37.841 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

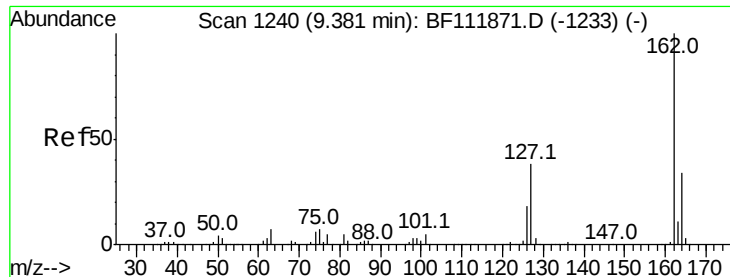
Tgt Ion:154 Resp: 1210774

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	12.4	0.0	32.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

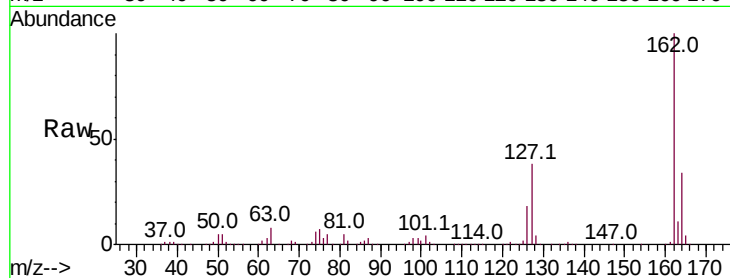




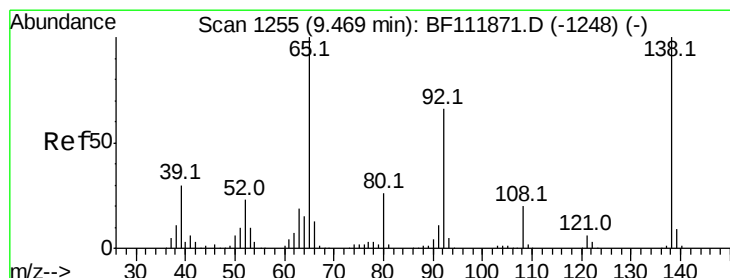
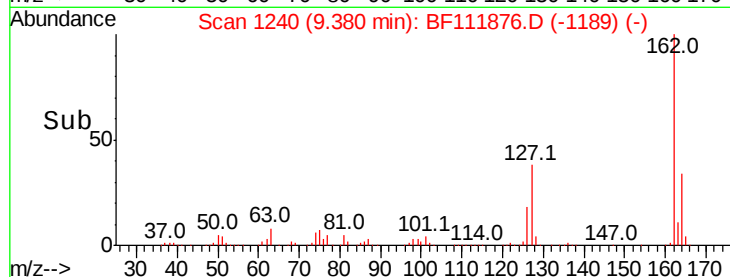
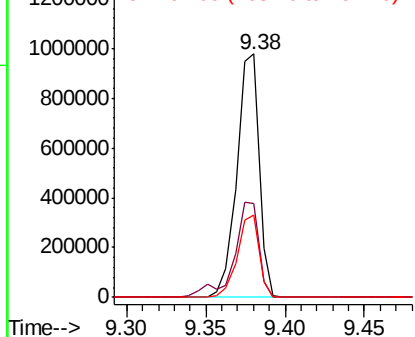
#47
 2-Chloronaphthalene
 Concen: 38.098 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.2	46.8
164	34.0	27.0	40.6

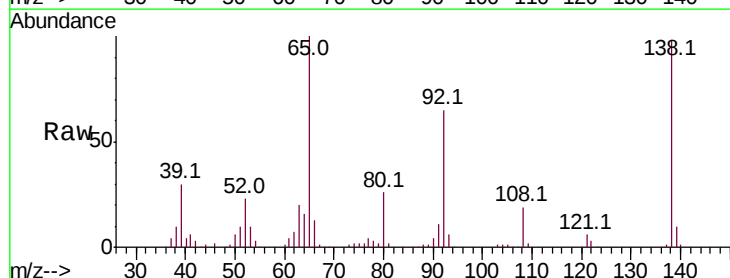


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

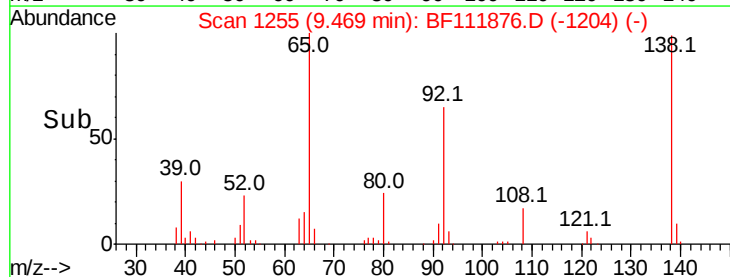
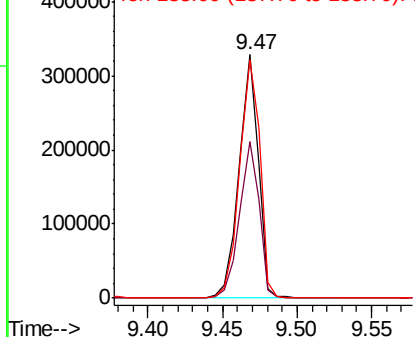


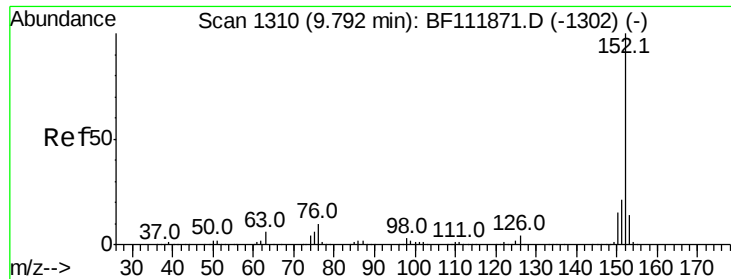
#48
 2-Nitroaniline
 Concen: 38.751 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	52.5	78.7
138	98.0	79.8	119.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.932 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

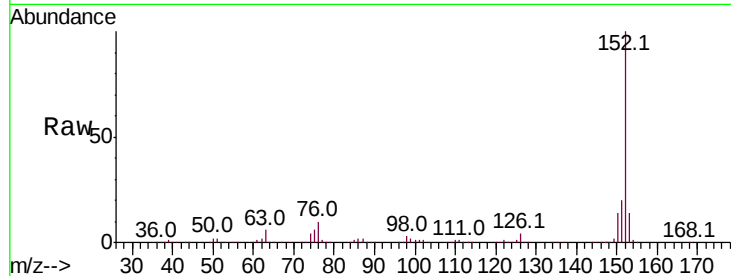
Tot Ion:152 Resp: 1408229

Ion Ratio Lower Upper

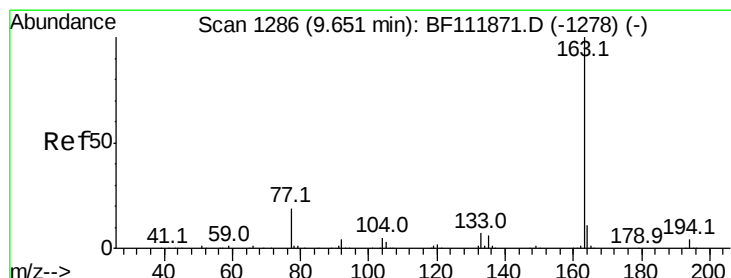
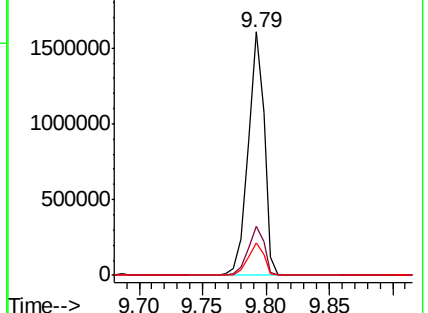
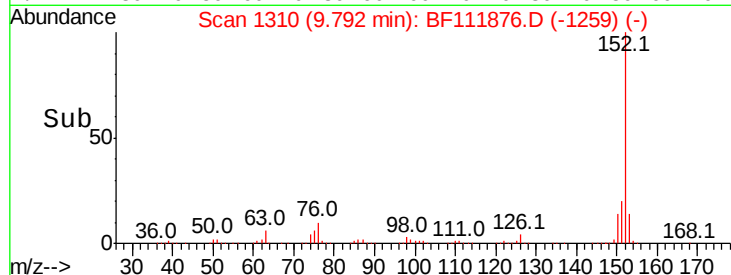
152 100

151 20.1 16.6 25.0

153 13.5 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.598 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

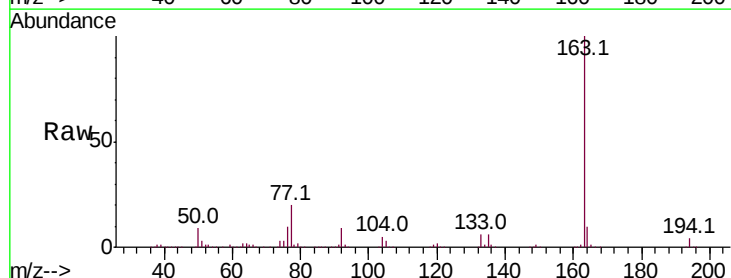
Tgt Ion:163 Resp: 1080345

Ion Ratio Lower Upper

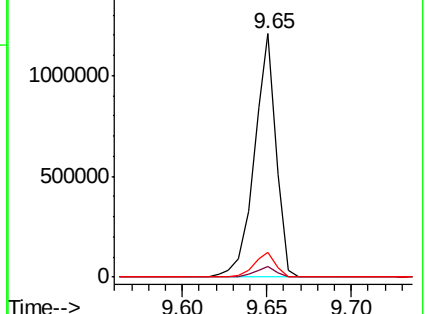
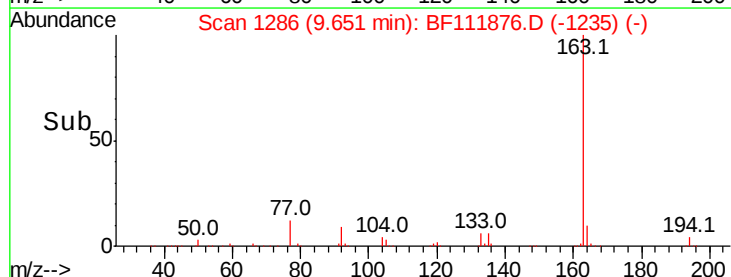
163 100

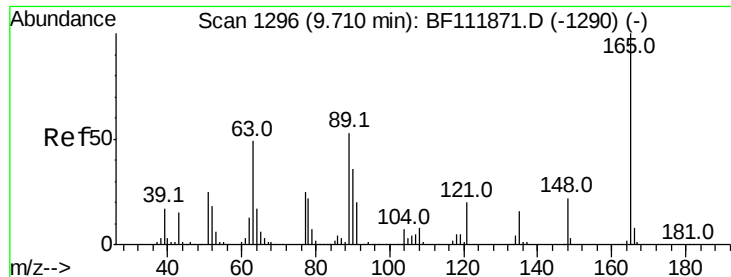
194 4.2 3.4 5.2

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

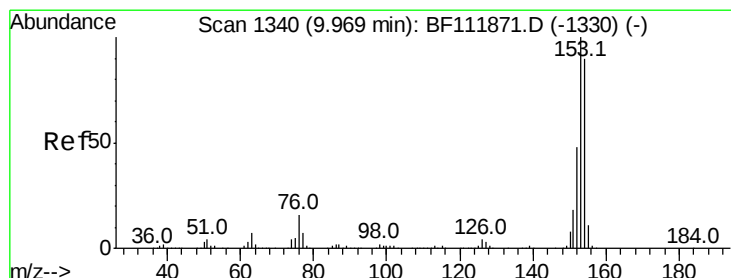
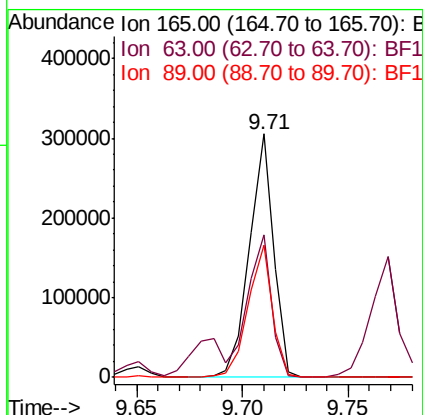
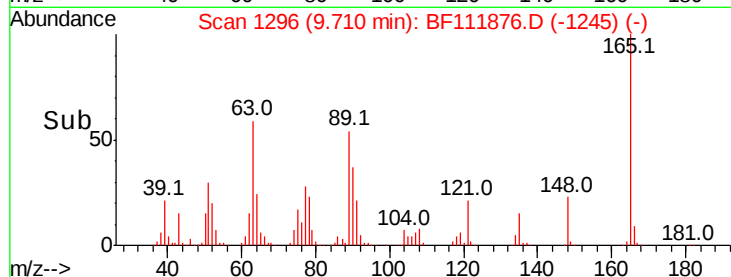
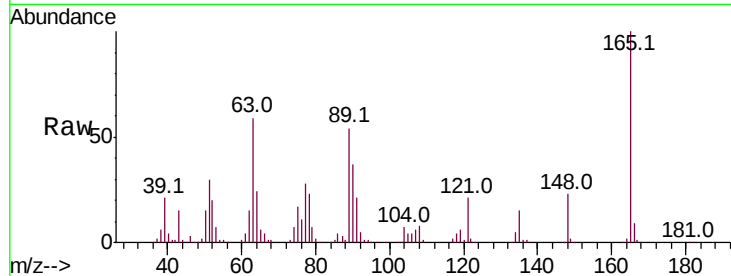




#51
 2,6-Dinitrotoluene
 Concen: 38.182 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

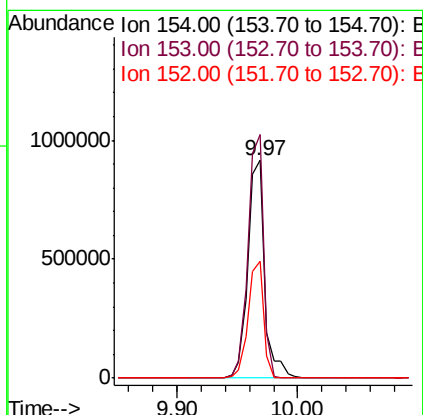
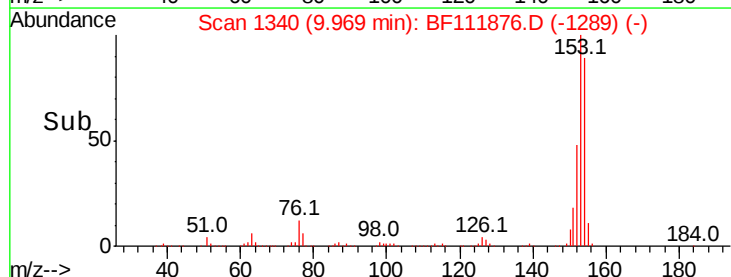
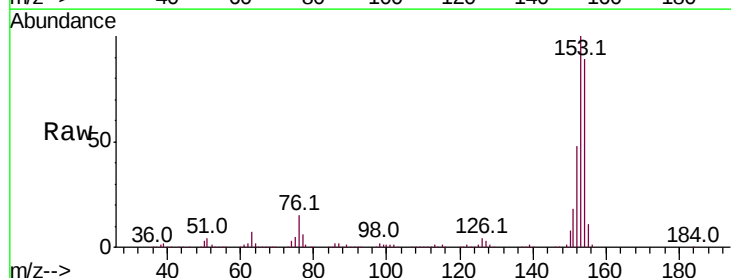
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

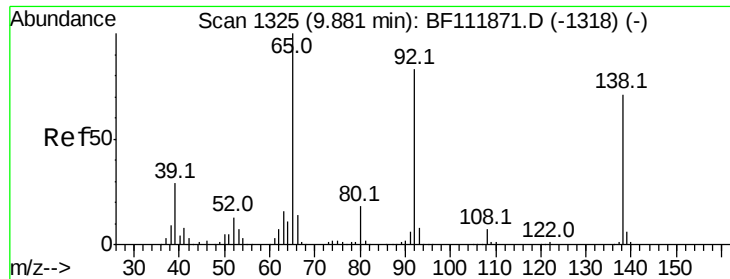
Tot Ion:165 Resp: 245340
 Ion Ratio Lower Upper
 165 100
 63 58.7 46.2 69.2
 89 54.1 42.2 63.2



#52
 Acenaphthene
 Concen: 37.684 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion:154 Resp: 901929
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.4 134.0
 152 53.7 43.1 64.7

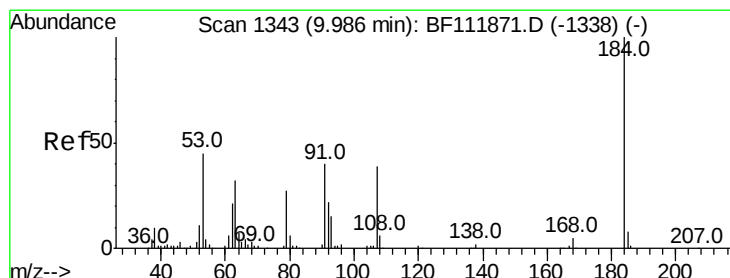
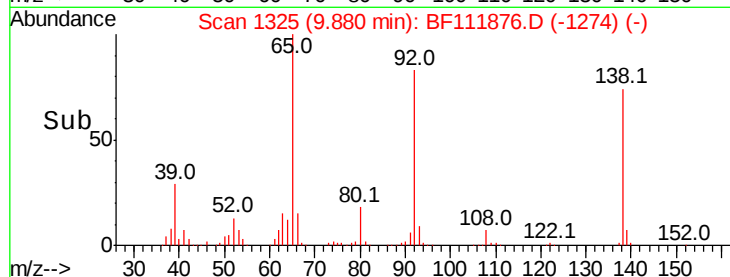
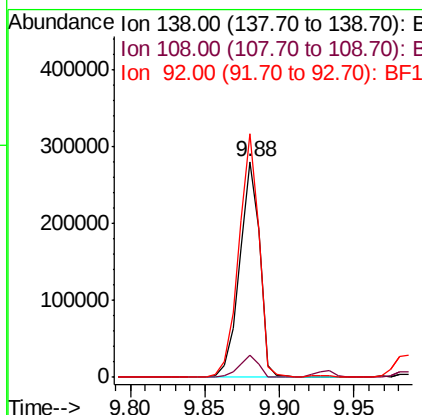
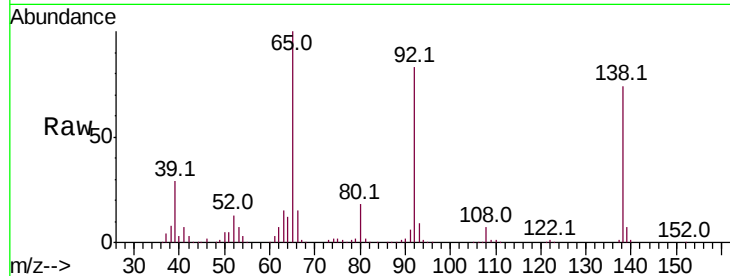




#53
 3-Nitroaniline
 Concen: 38.200 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

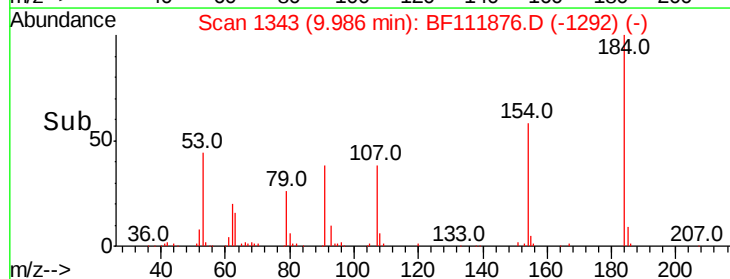
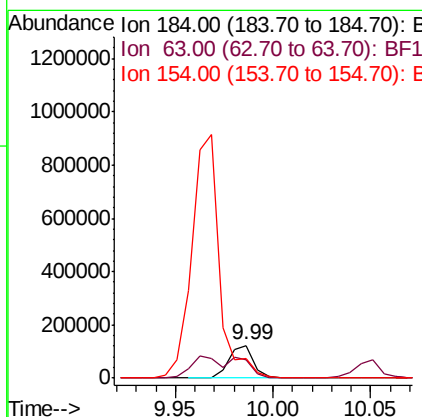
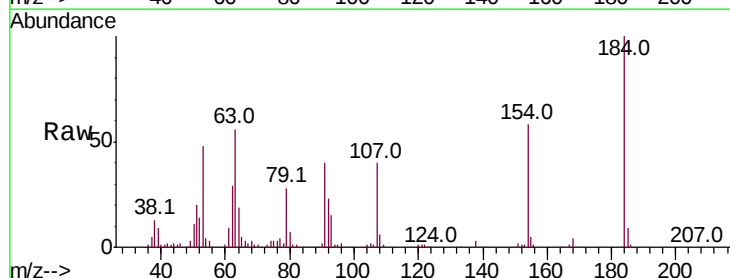
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

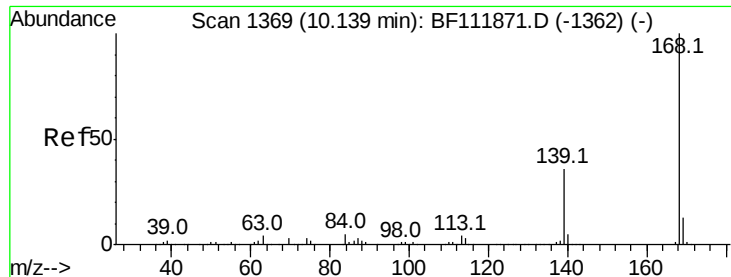
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.2	12.4
92	112.9	93.5	140.3



#54
 2,4-Dinitrophenol
 Concen: 40.656 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.1	46.9	70.3
154	58.0	46.9	70.3





#55

Dibenzofuran

Concen: 37.648 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

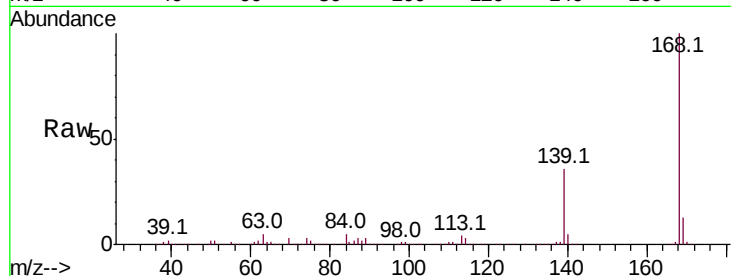
Tot Ion:168 Resp: 1310452

Ion Ratio Lower Upper

168 100

139 35.9 29.3 43.9

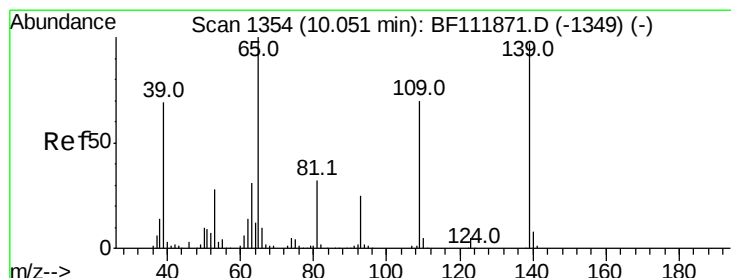
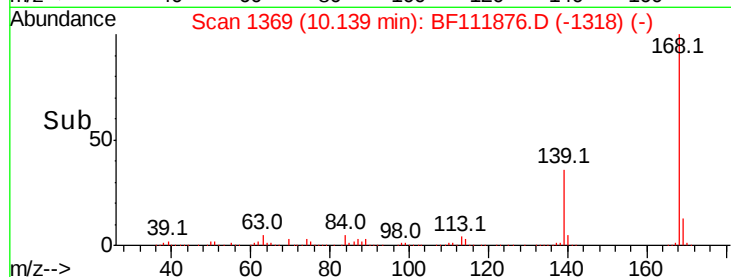
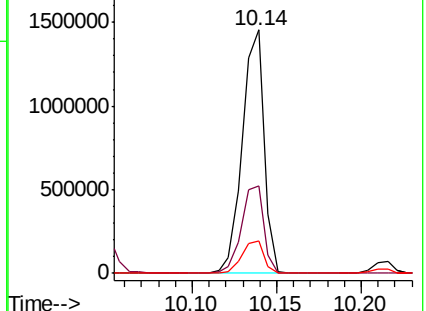
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.098 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

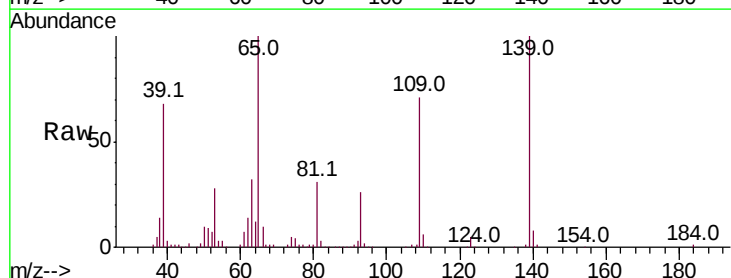
Tgt Ion:139 Resp: 190098

Ion Ratio Lower Upper

139 100

109 71.5 52.2 92.2

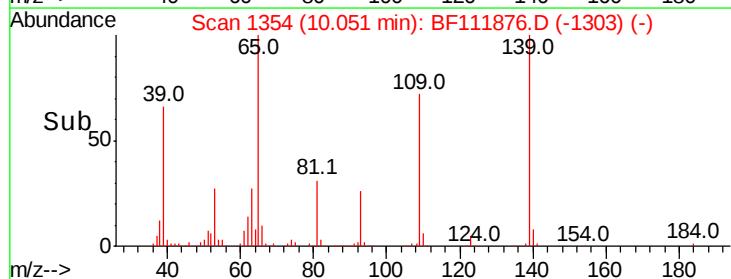
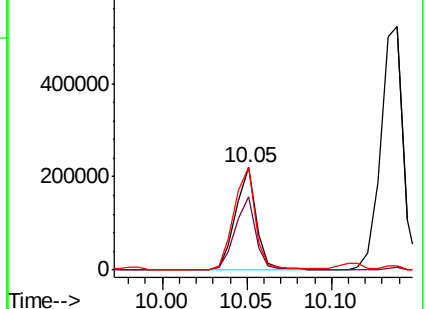
65 100.3 83.1 123.1

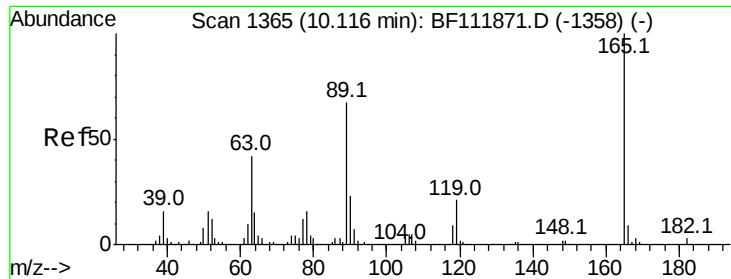


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

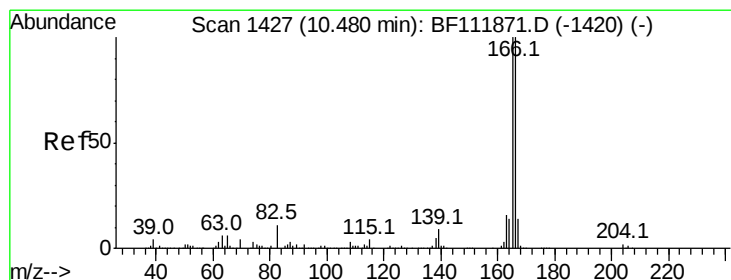
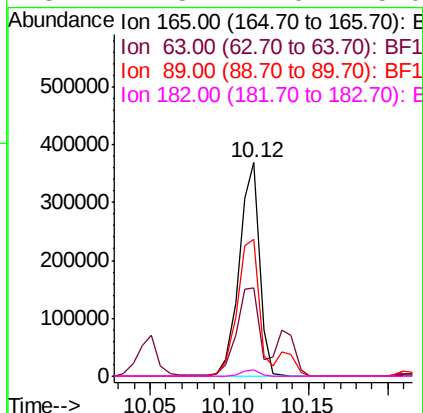
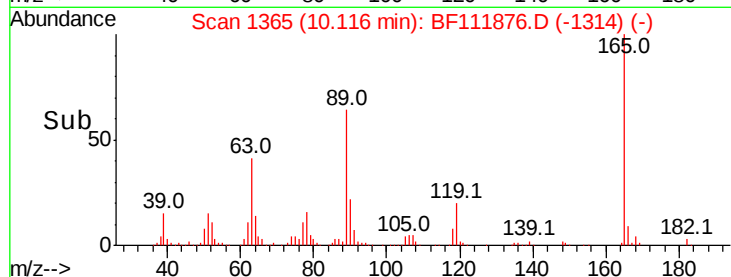
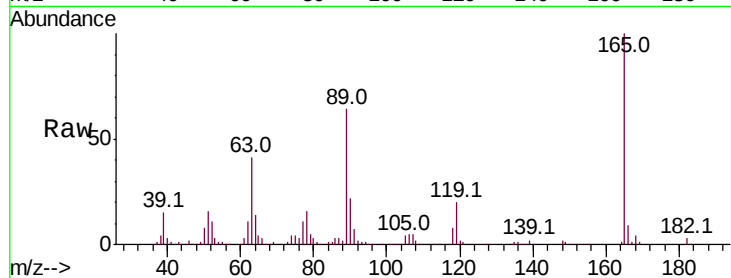




#57
2,4-Dinitrotoluene
Concen: 39.172 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

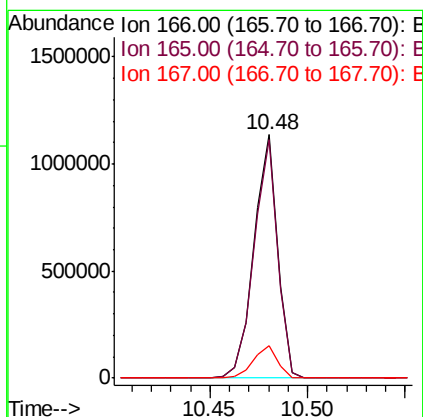
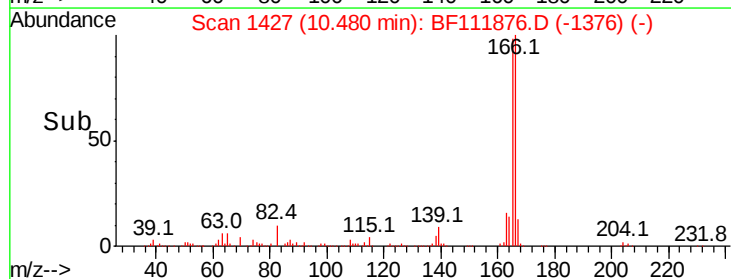
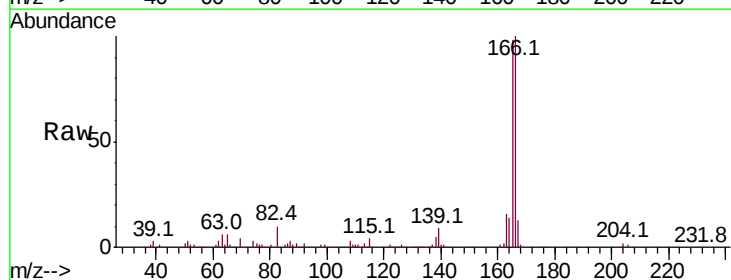
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

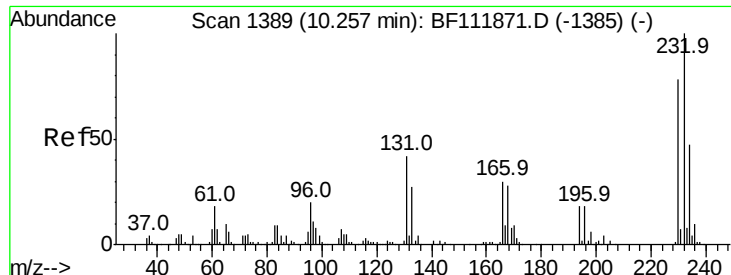
Tot Ion:165 Resp: 325238
Ion Ratio Lower Upper
165 100
63 41.3 34.1 51.1
89 64.1 53.5 80.3
182 2.8 2.0 3.0



#58
Fluorene
Concen: 37.692 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:166 Resp: 954648
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 13.4 11.1 16.7

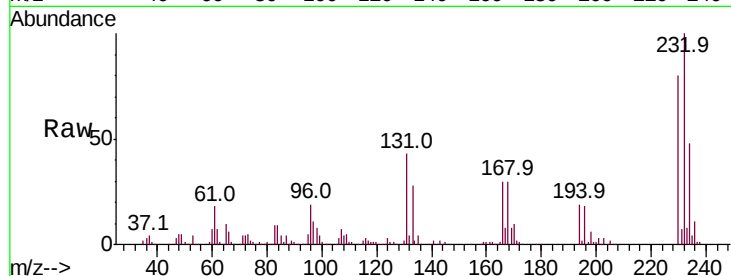




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.991 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	34.0	51.0
130	2.1	1.6	2.4
166	30.0	23.4	35.0



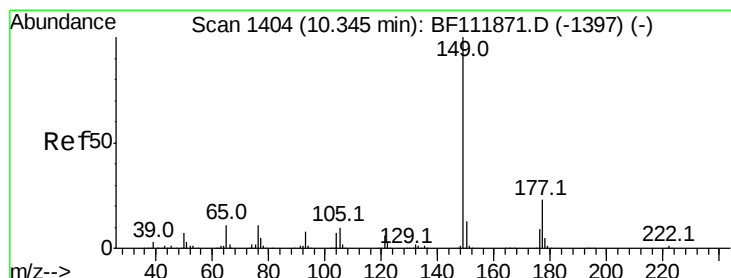
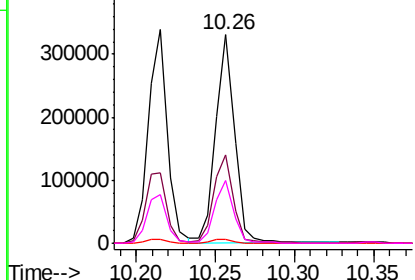
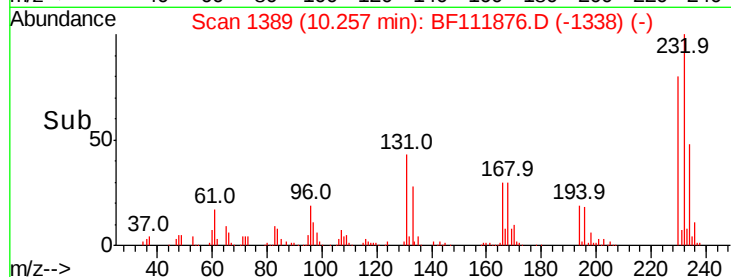
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

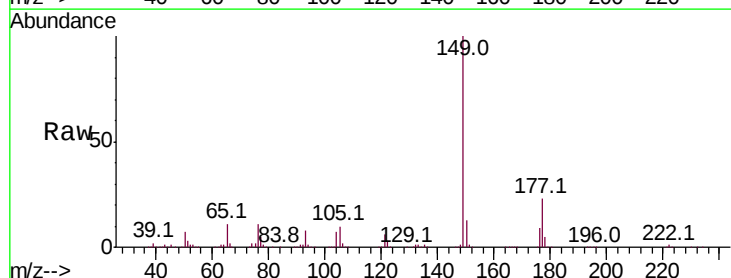
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.375 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.8	10.2	15.4

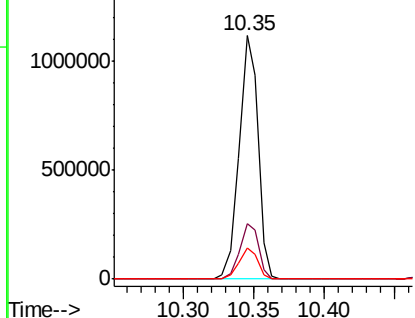
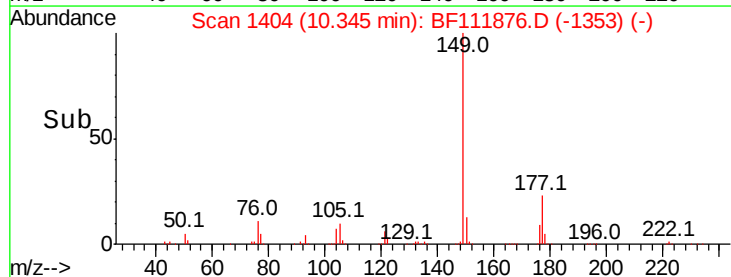


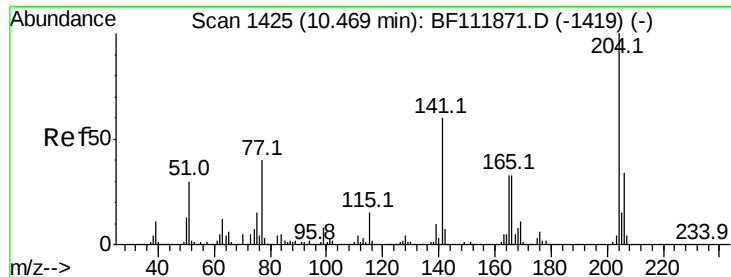
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

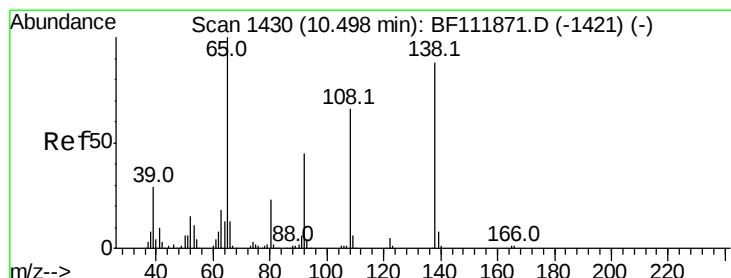
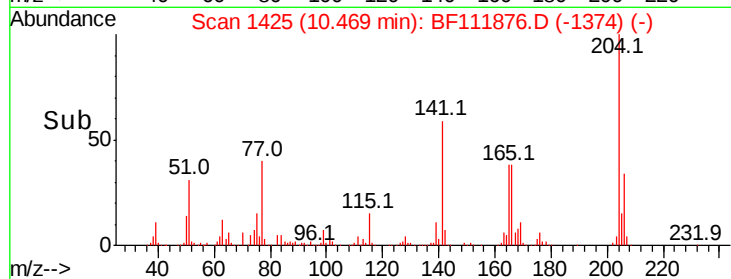
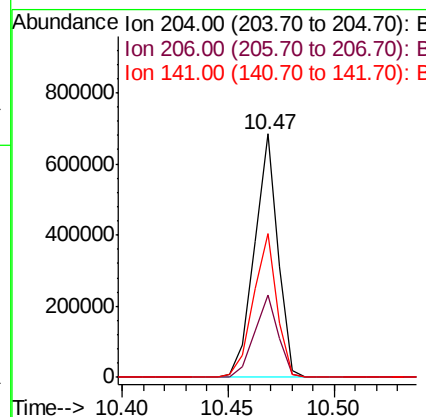
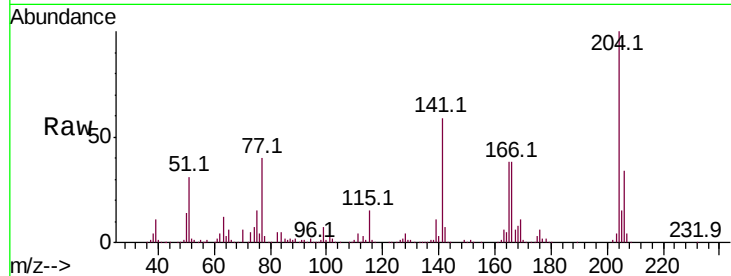




#61
 4-Chlorophenyl-phenylether
 Concen: 37.249 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

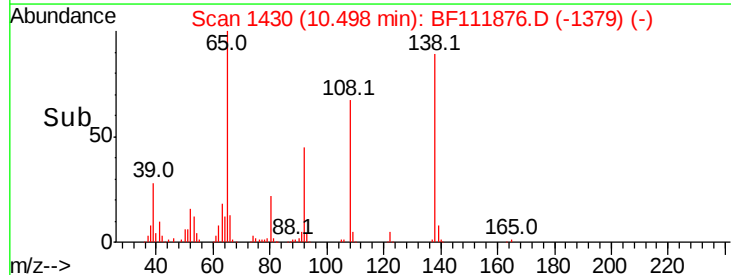
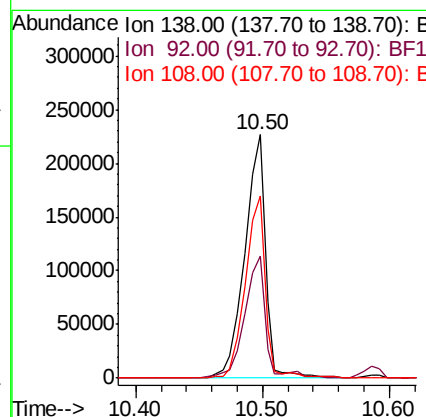
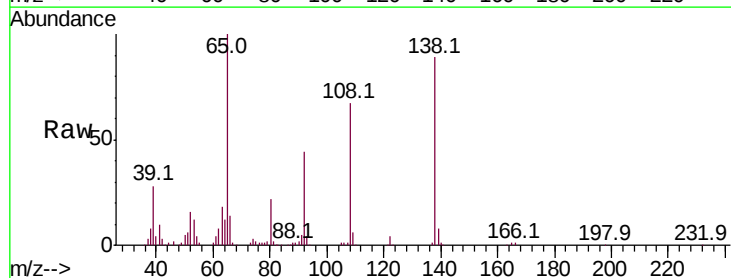
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

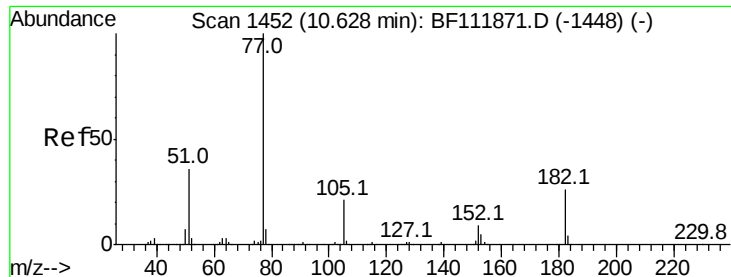
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	59.1	47.9	71.9



#62
 4-Nitroaniline
 Concen: 39.314 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.0	71.0
108	75.0	54.7	94.7

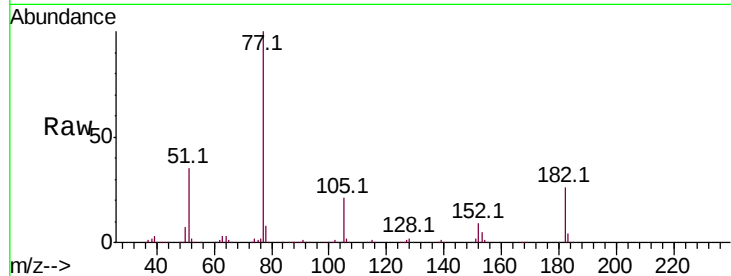




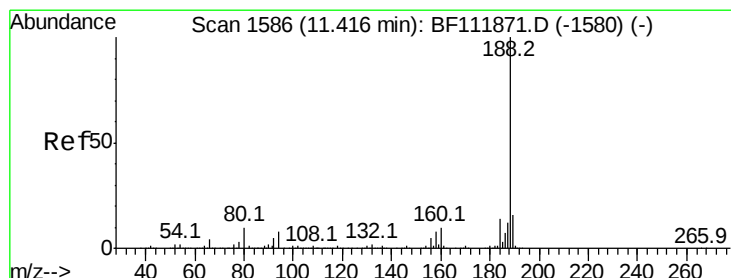
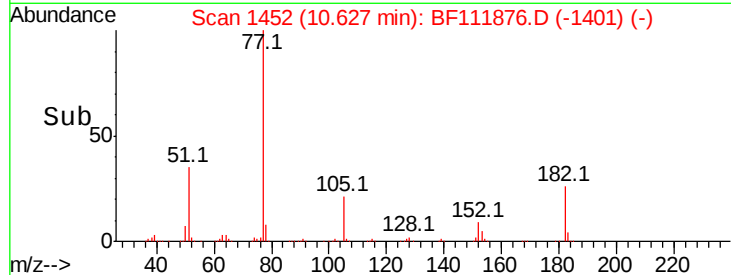
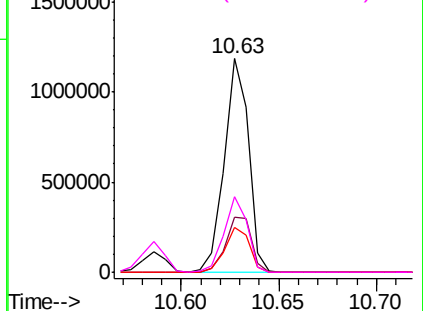
#63
Azobenzene
Concen: 38.196 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF010719

Tot Ion: 77 Resp: 1014650
Ion Ratio Lower Upper
77 100
182 25.6 5.7 45.7
105 21.3 0.8 40.8
51 35.2 15.6 55.6

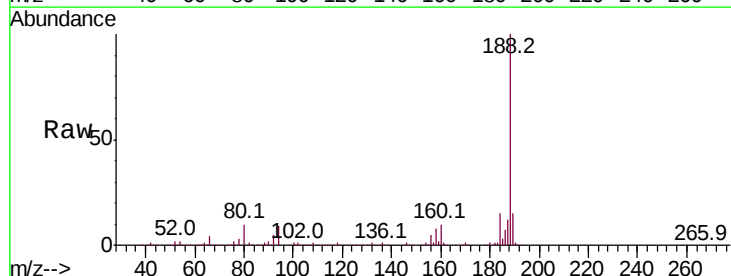


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

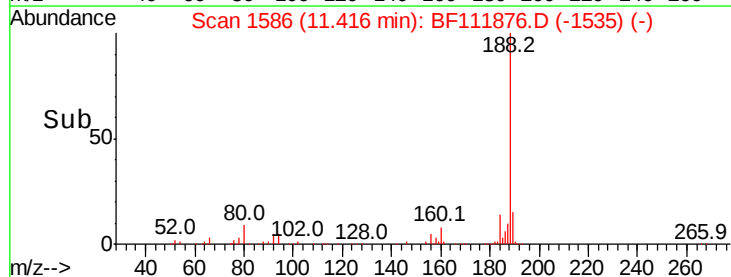
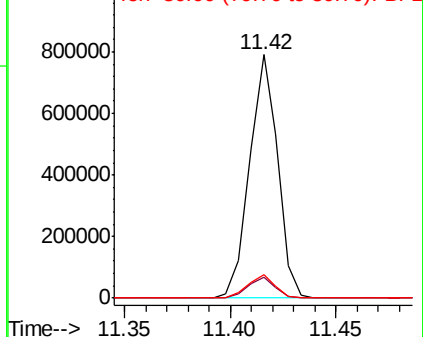


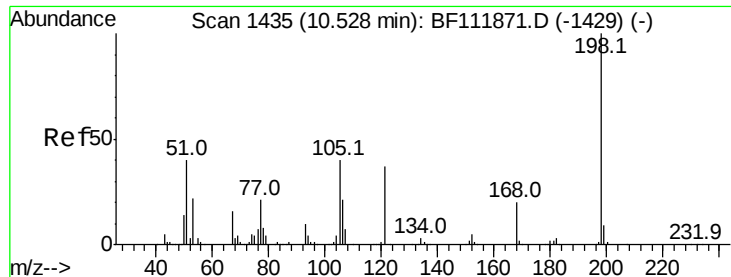
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion: 188 Resp: 730569
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

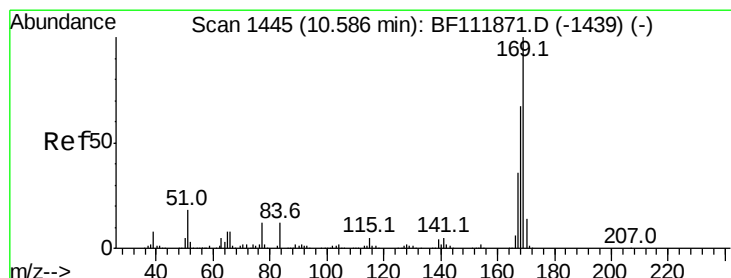
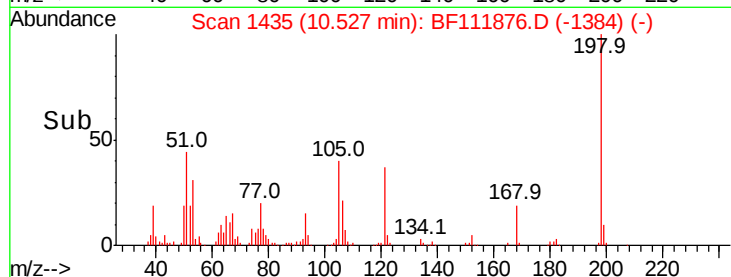
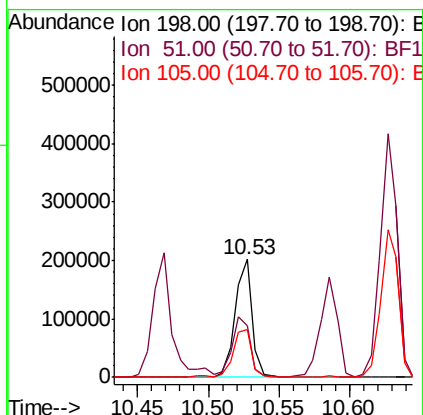
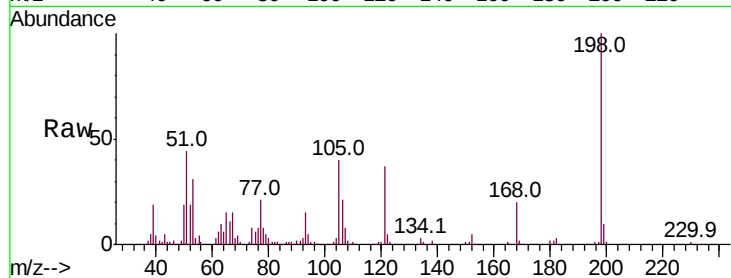




#65
4,6-Dinitro-2-methylphenol
Concen: 37.652 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

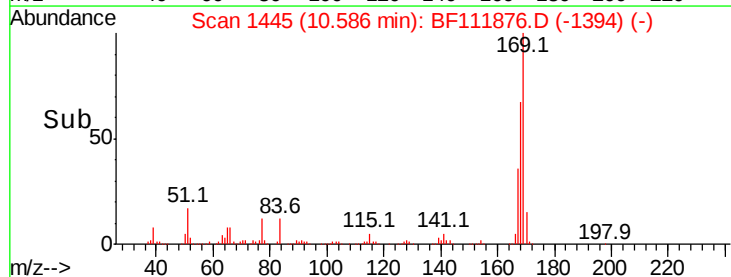
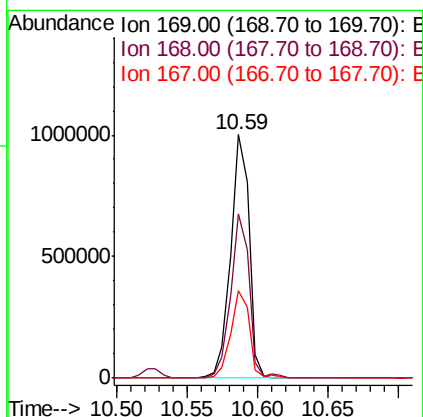
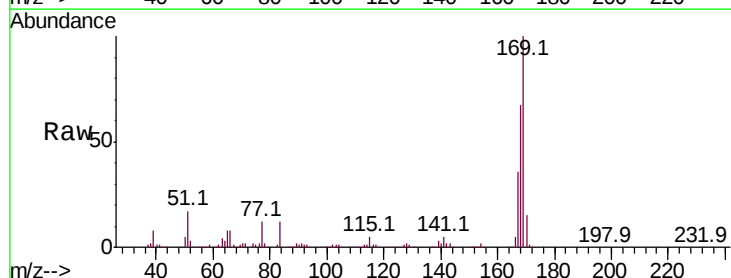
Instrument :
BNA_F
ClientSampleId :
ICVBF010719

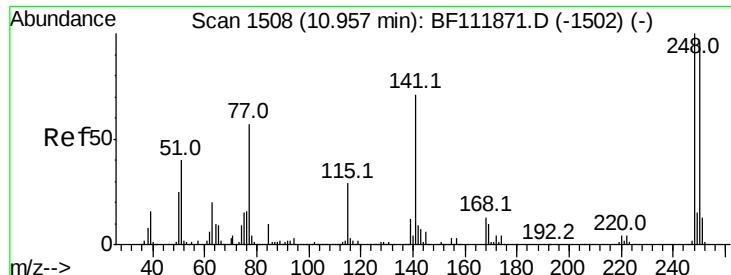
Tot Ion:198 Resp: 169728
Ion Ratio Lower Upper
198 100
51 43.9 27.2 67.2
105 40.4 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 37.121 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:169 Resp: 910056
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 35.7 29.1 43.7

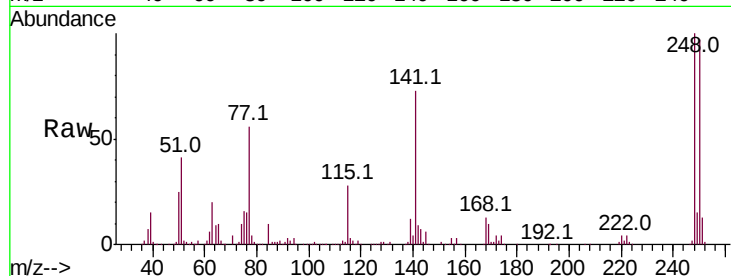




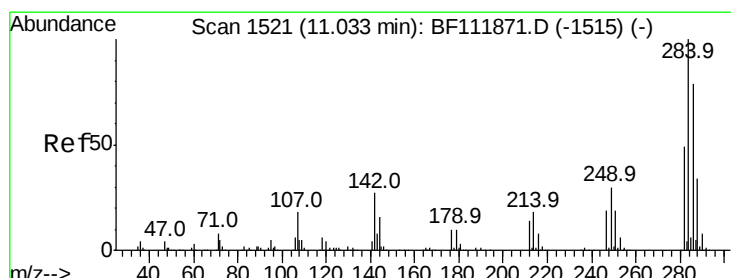
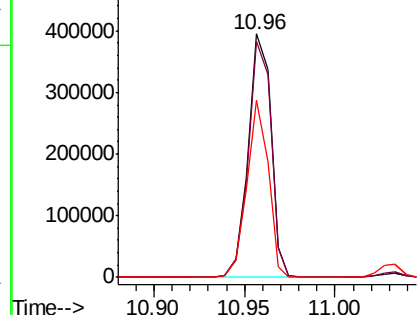
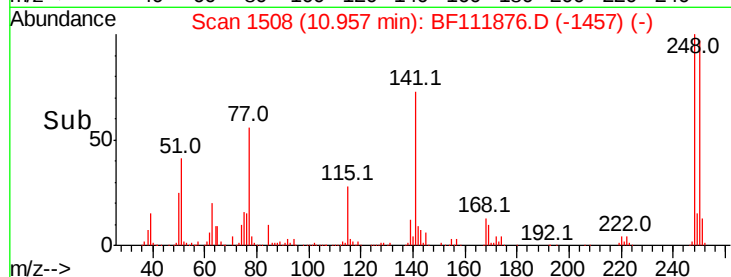
#67
4-Bromophenyl-phenylether
Concen: 36.429 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF010719

Tot Ion:248 Resp: 344715
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 72.7 57.0 85.6

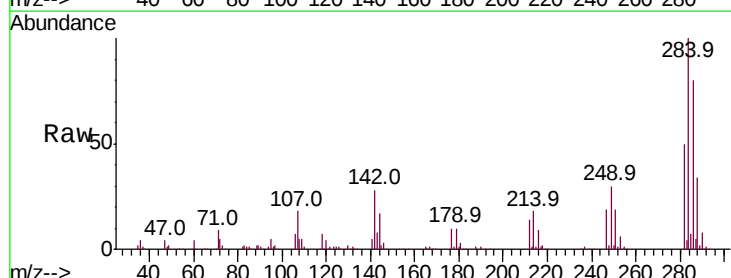


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

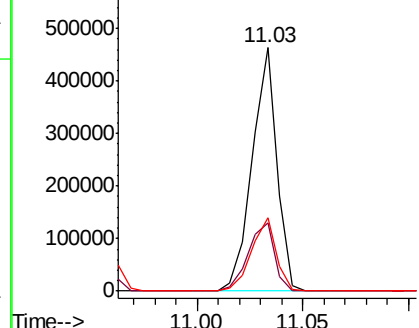
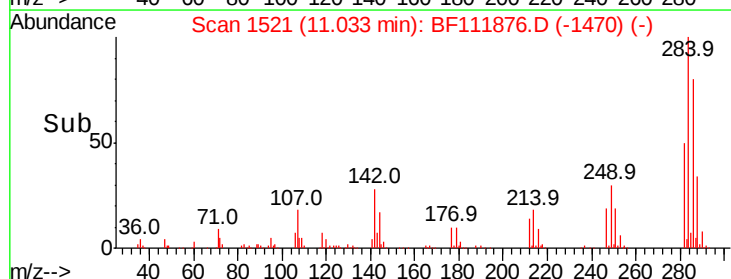


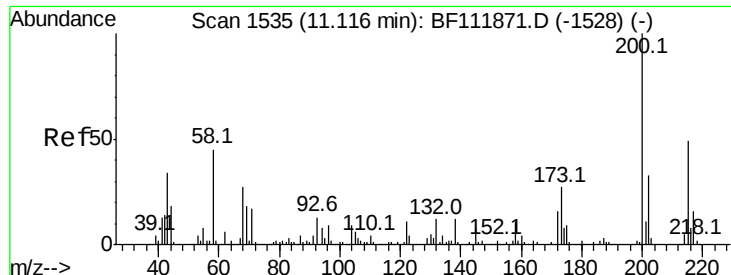
#68
Hexachlorobenzene
Concen: 36.055 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:284 Resp: 378109
Ion Ratio Lower Upper
284 100
142 27.9 21.8 32.6
249 30.1 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

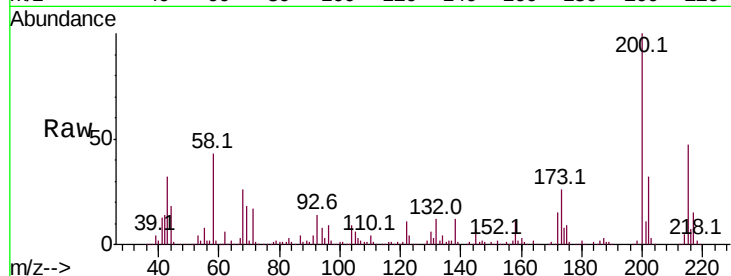




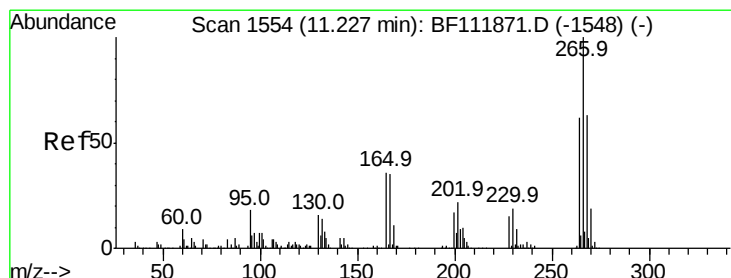
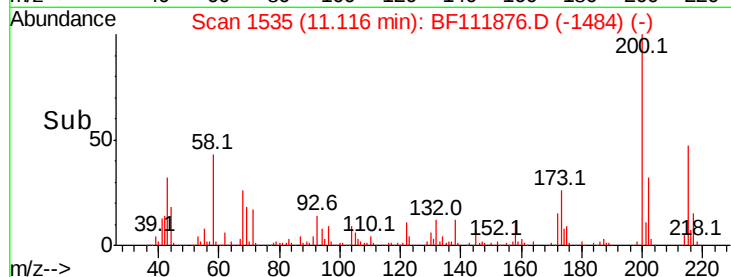
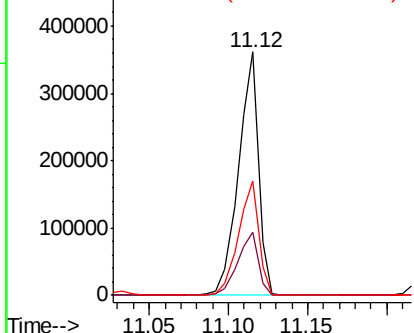
#69
Atrazine
Concen: 36.501 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF010719

Tot Ion:200 Resp: 314409
Ion Ratio Lower Upper
200 100
173 26.1 6.6 46.6
215 46.7 28.9 68.9

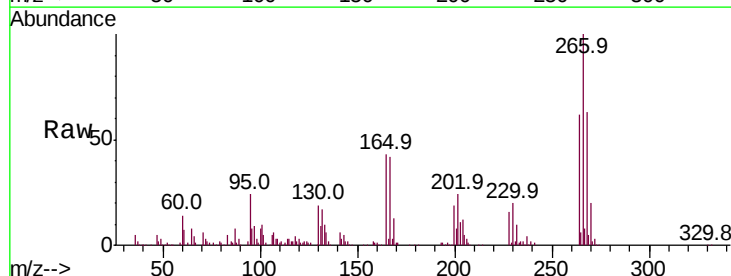


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

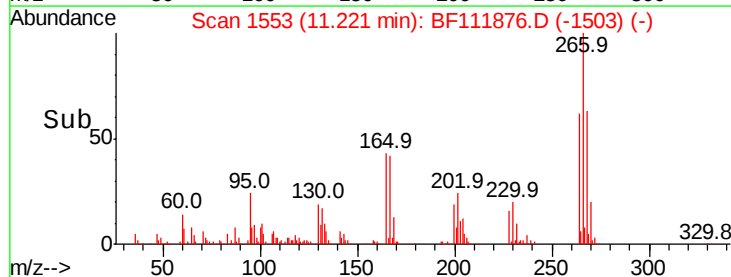
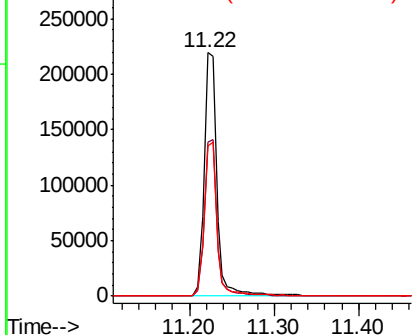


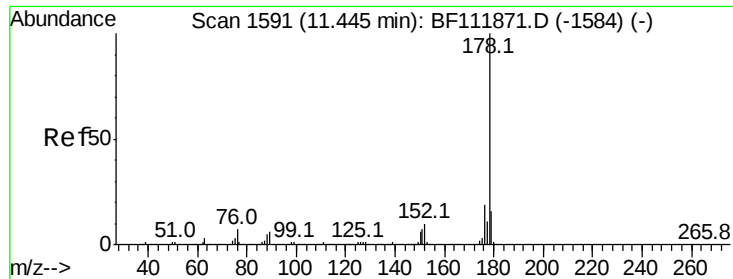
#70
Pentachlorophenol
Concen: 38.627 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:266 Resp: 230507
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 61.8 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.533 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

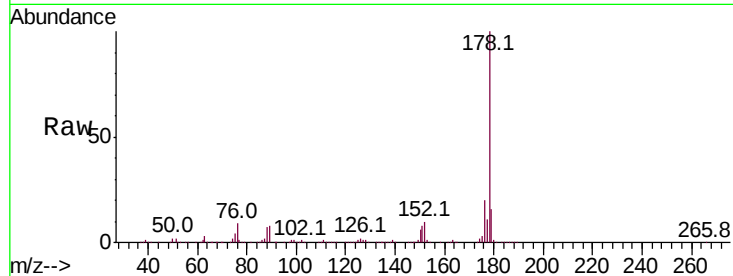
Tot Ion:178 Resp: 1426973

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

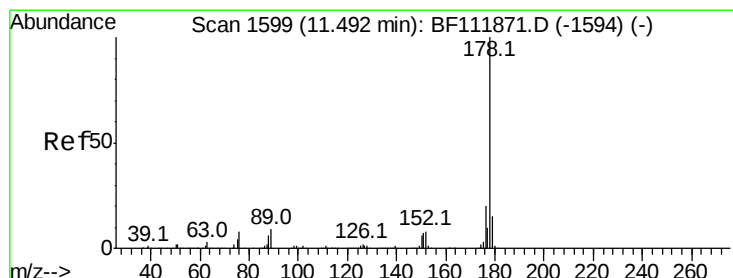
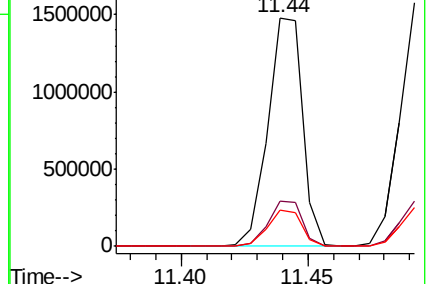
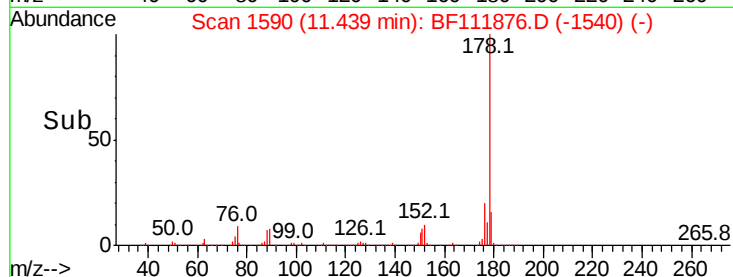
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.443 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

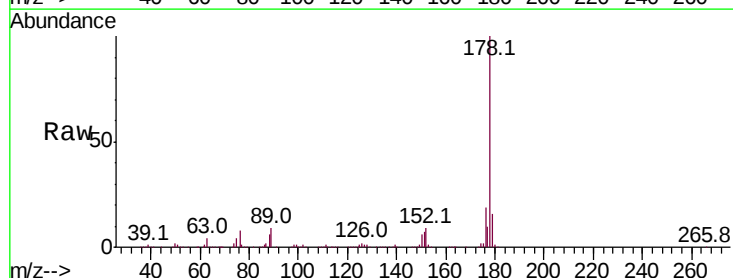
Tgt Ion:178 Resp: 1444987

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

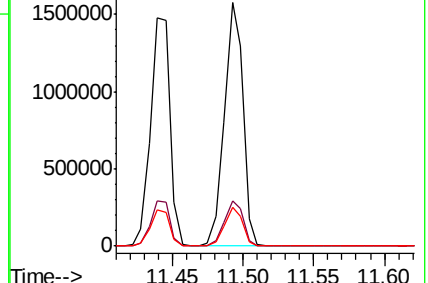
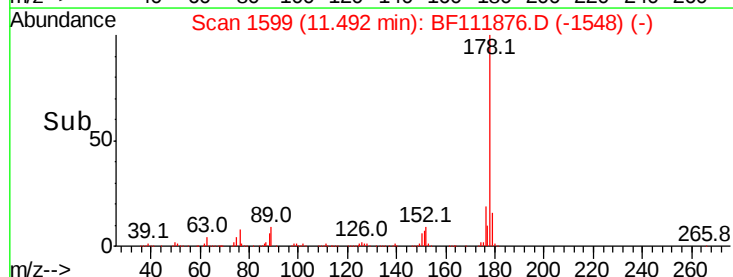
179 16.1 12.4 18.6

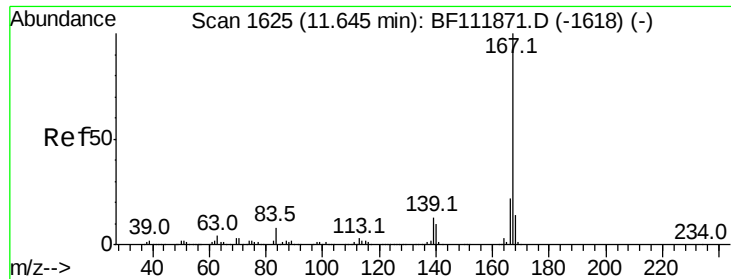


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



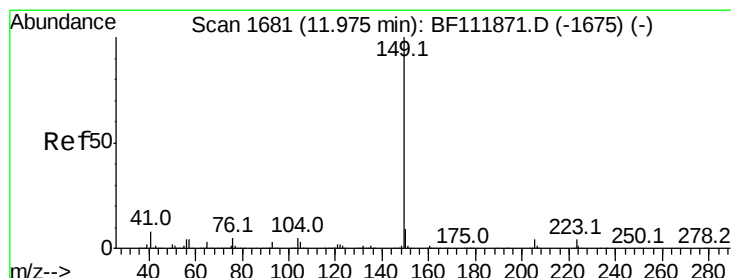
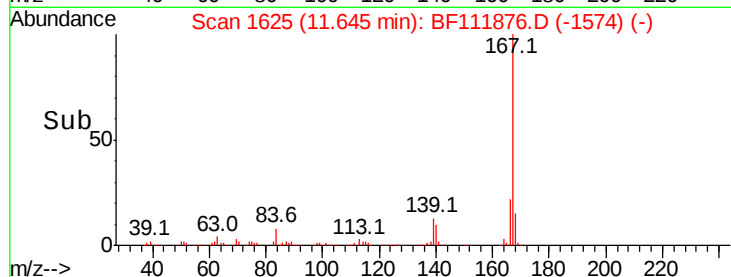
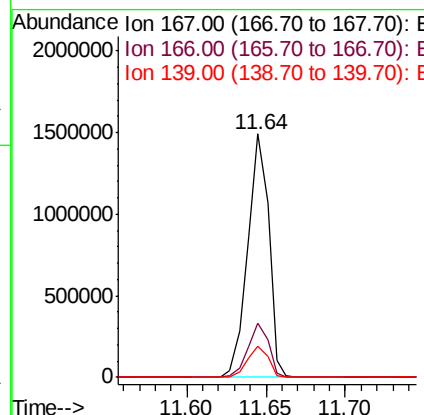
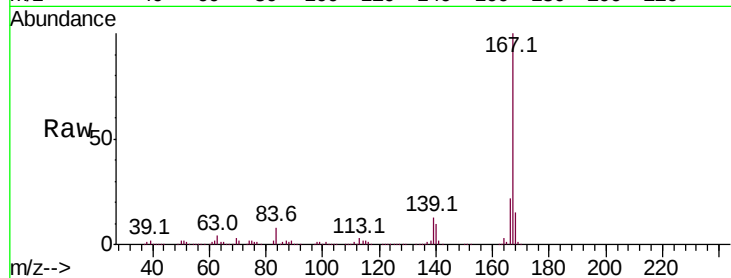


#73
 Carbazole
 Concen: 35.601 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010719

Tot Ion:167 Resp: 1373100

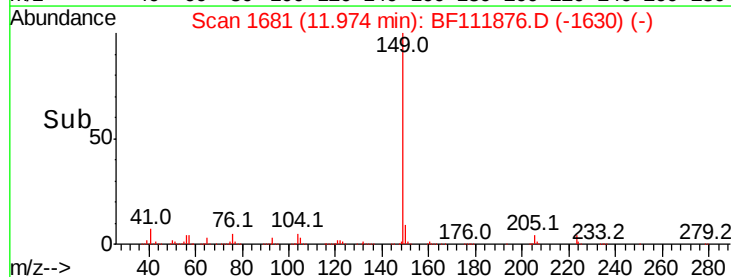
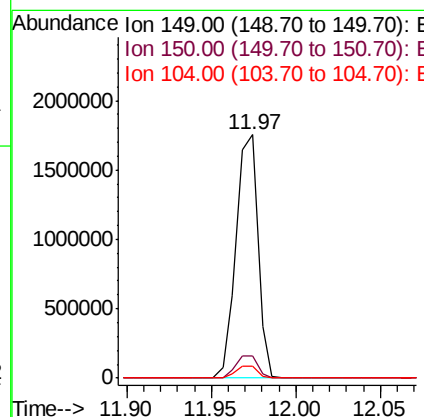
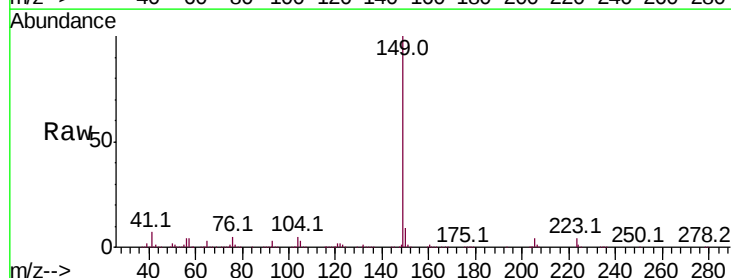
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.0	10.6	16.0

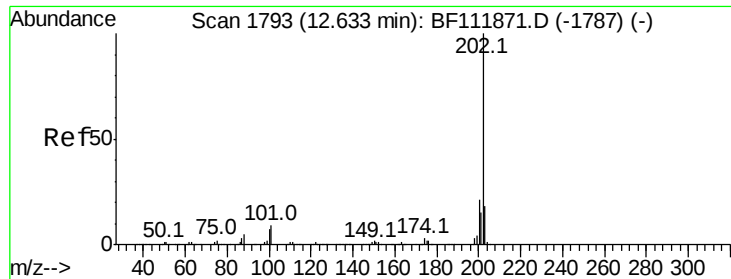


#74
 Di-n-butylphthalate
 Concen: 35.173 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion:149 Resp: 1575747

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 36.265 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

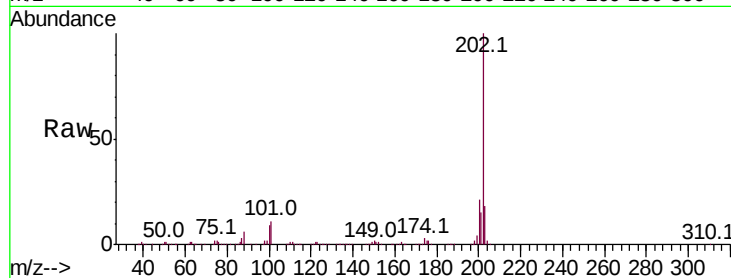
Tot Ion:202 Resp: 1454174

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

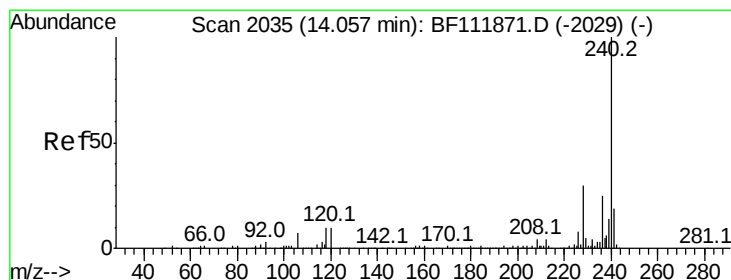
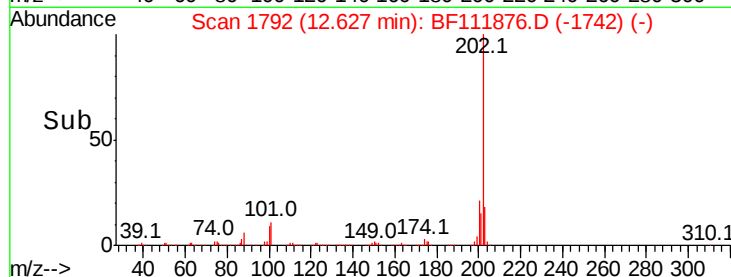
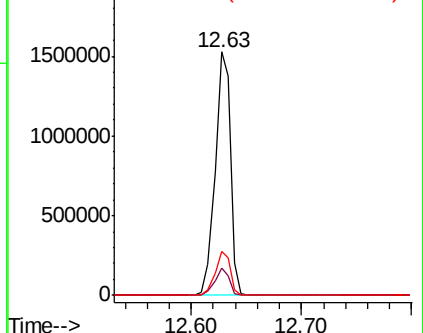
203 18.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

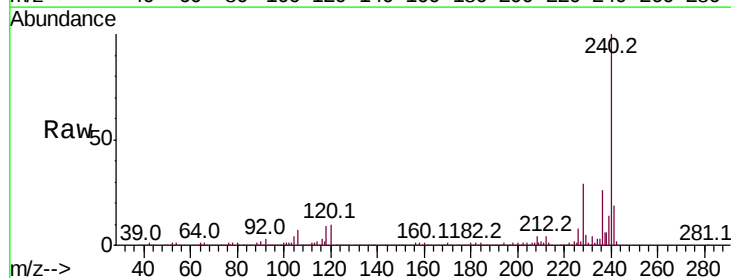
Tgt Ion:240 Resp: 572564

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

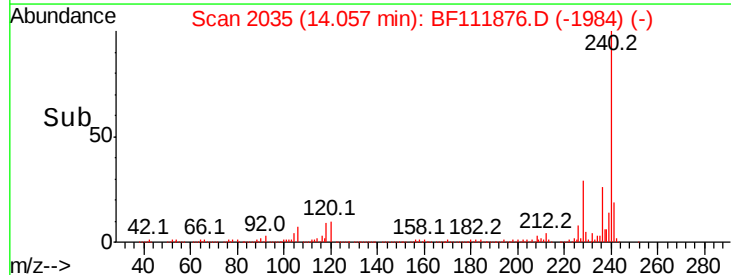
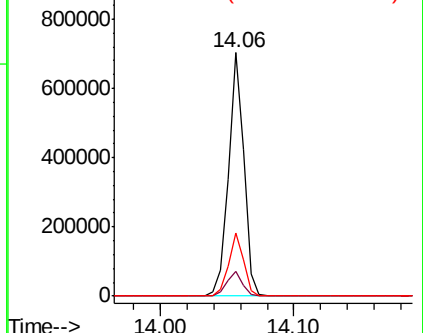
236 26.0 20.2 30.4

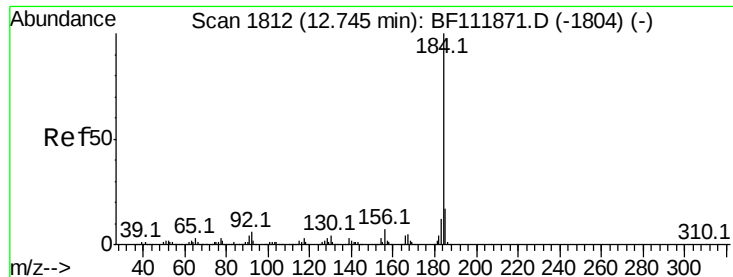


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.962 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

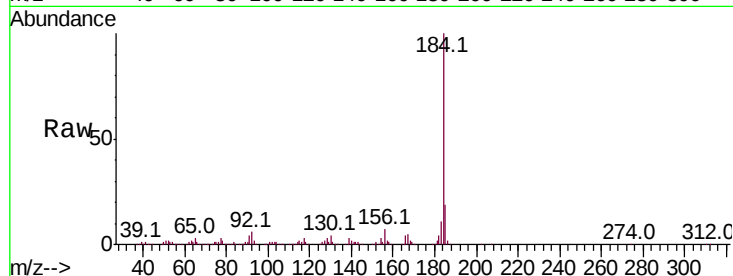
Tot Ion:184 Resp: 598153

Ion Ratio Lower Upper

184 100

185 18.7 13.4 20.0

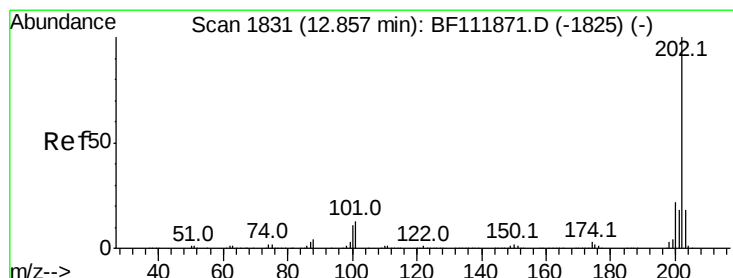
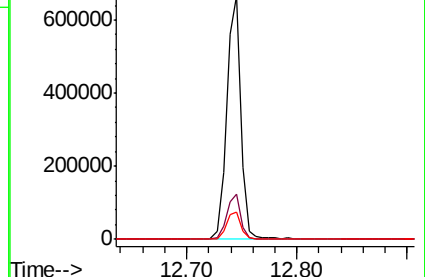
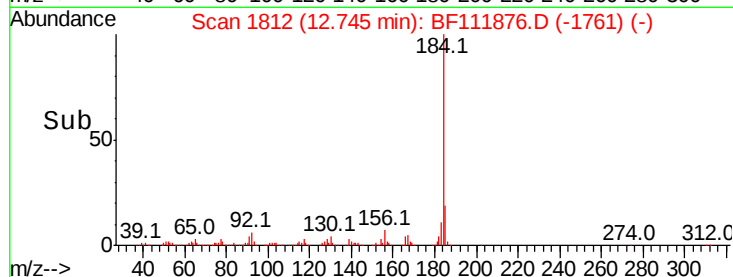
183 11.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.793 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

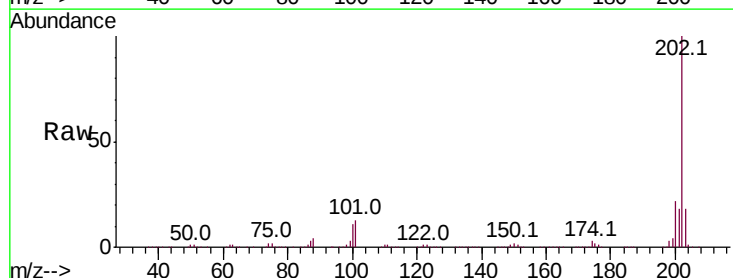
Tgt Ion:202 Resp: 1488888

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

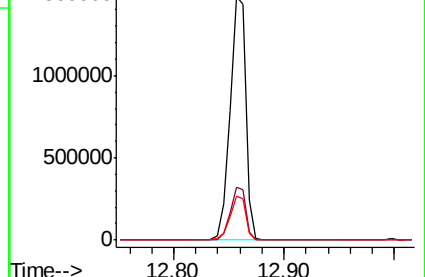
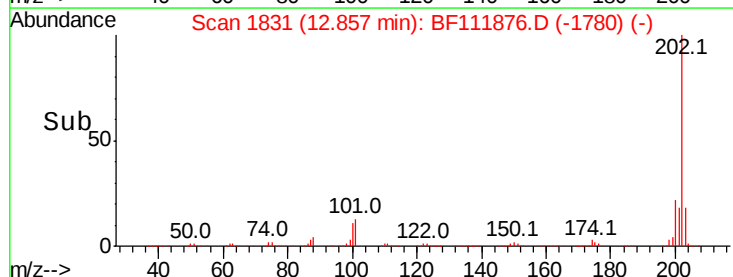
203 18.0 14.6 21.8

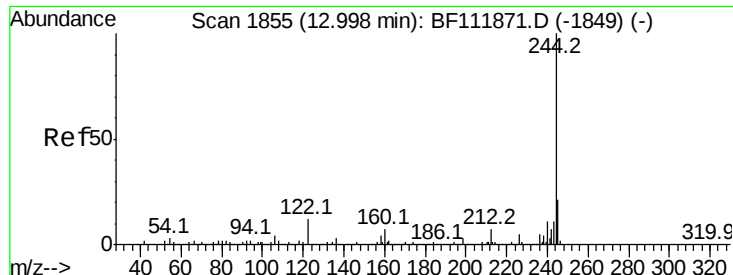


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.879 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

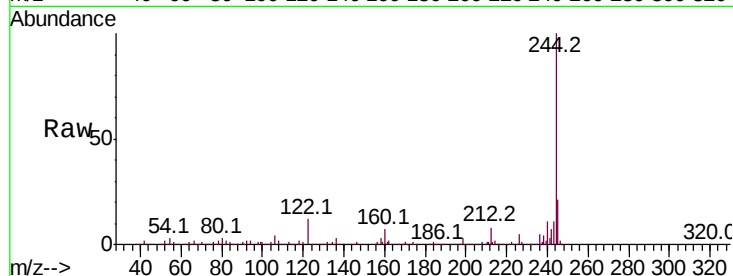
Tot Ion:244 Resp: 2198256

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

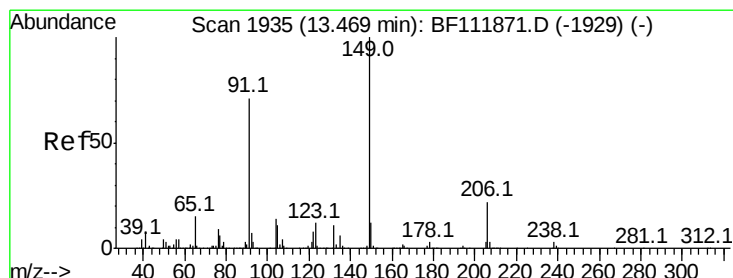
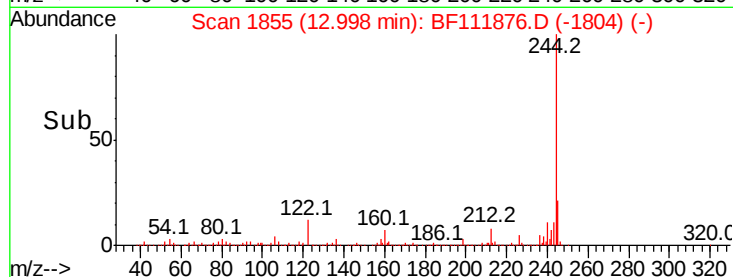
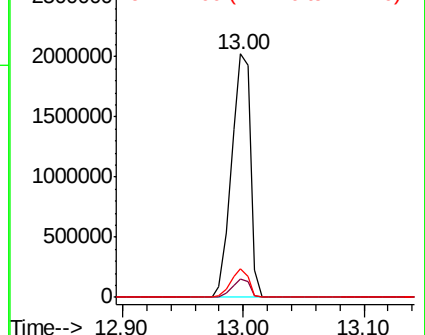
122 11.7 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.429 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

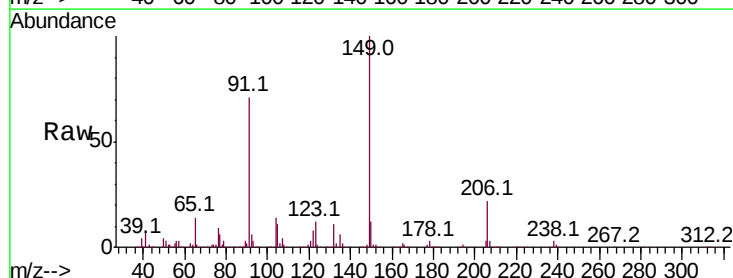
Tgt Ion:149 Resp: 640042

Ion Ratio Lower Upper

149 100

91 71.0 57.2 85.8

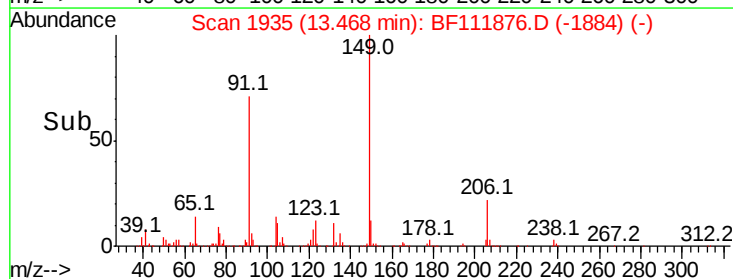
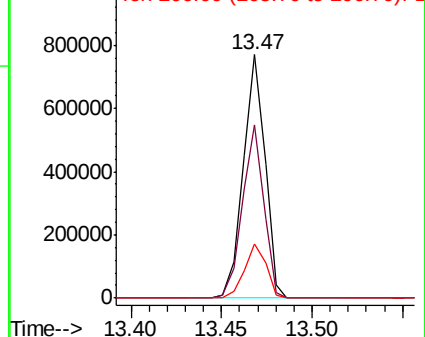
206 22.3 17.3 25.9

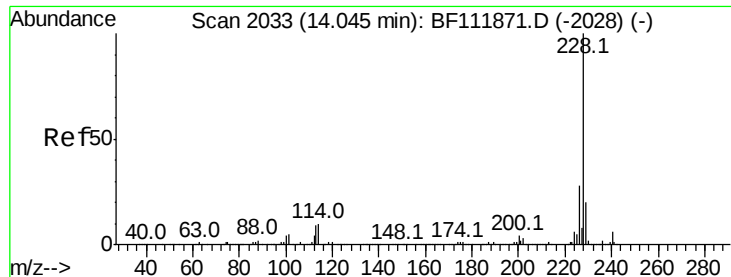


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.400 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

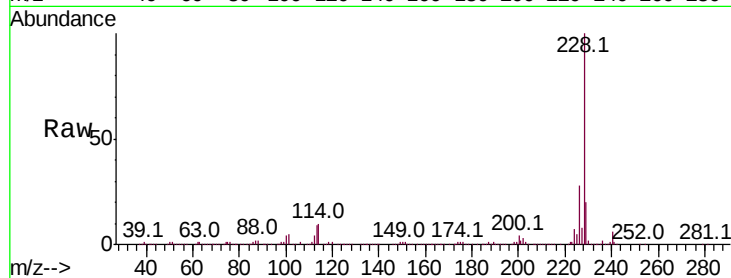
BNA_F

ClientSampleId :

ICVBF010719

Tot Ion:228 Resp: 1232391

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.4	16.2	24.2

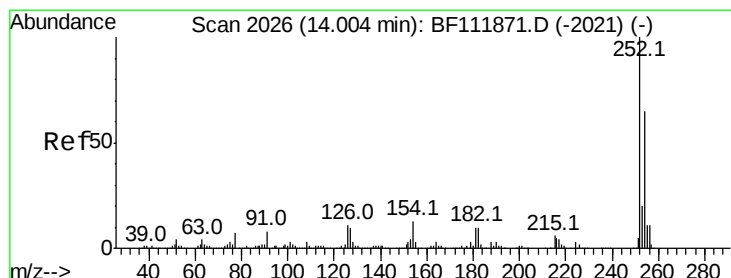
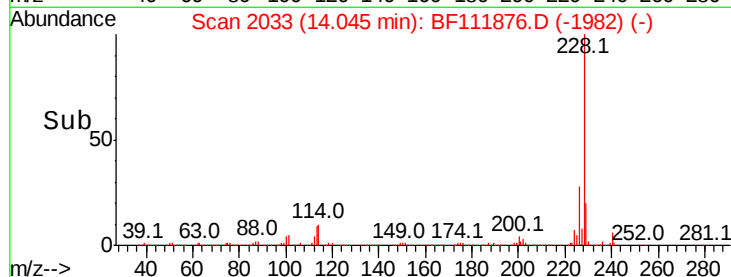
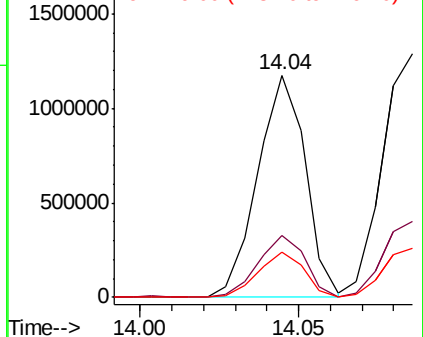


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.433 ng

RT: 14.00 min Scan# 2026

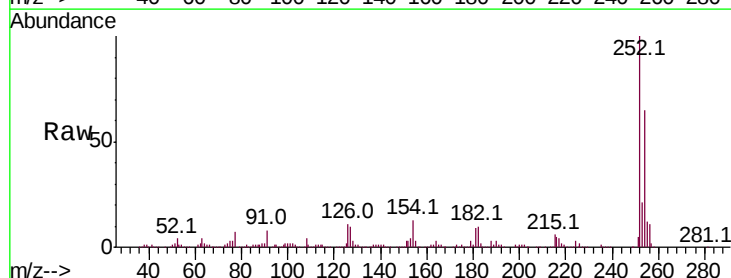
Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion:252 Resp: 443219

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.5	8.6	12.8

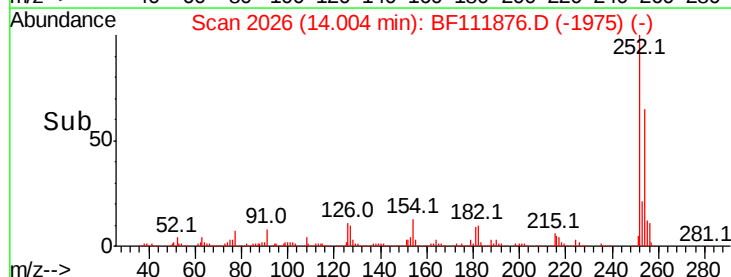
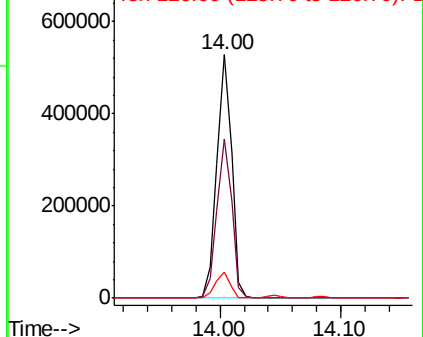


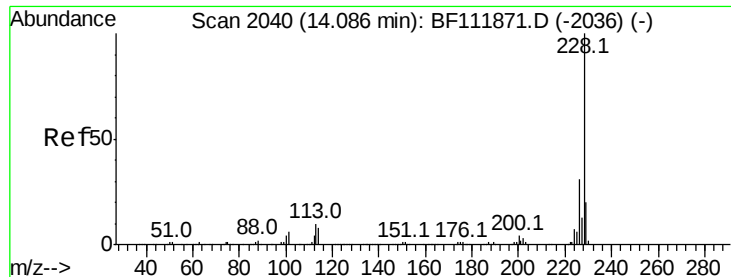
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.066 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

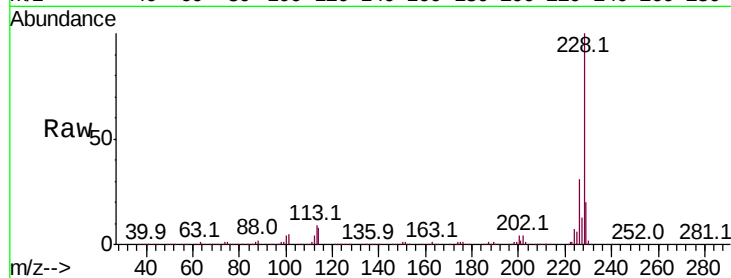
Tot Ion:228 Resp: 1164563

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

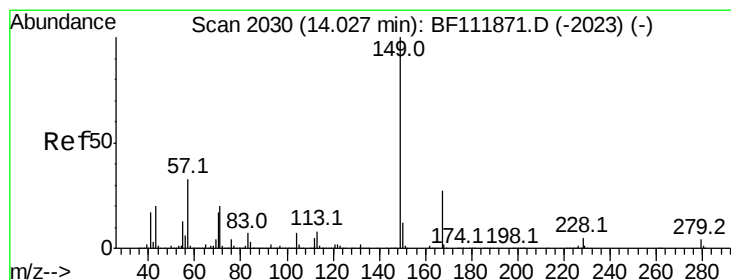
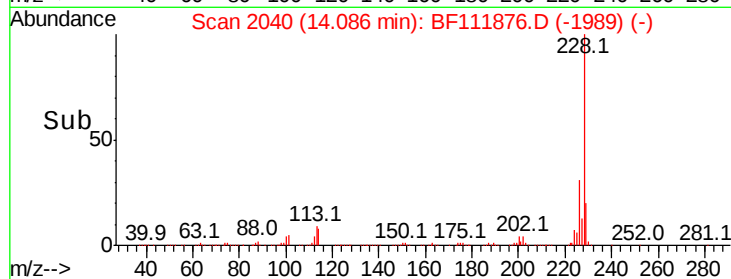
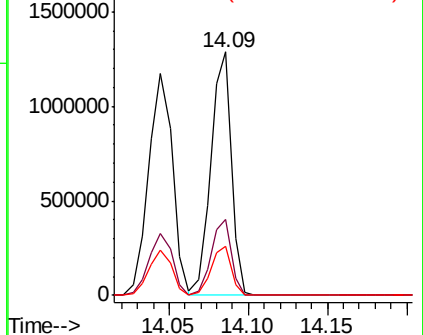
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.836 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

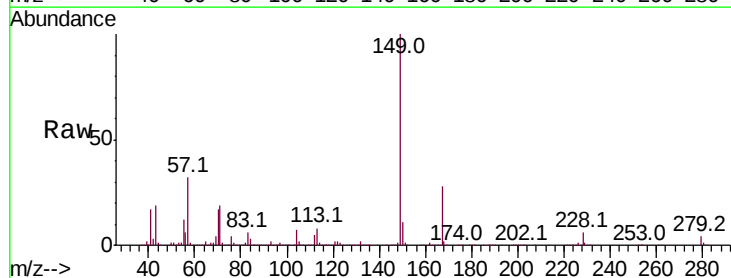
Tgt Ion:149 Resp: 827601

Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

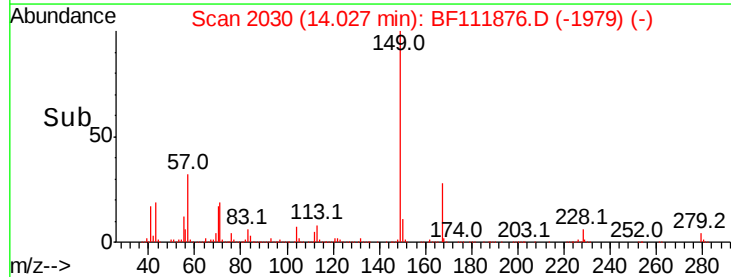
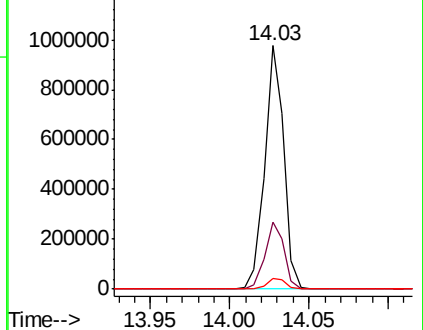
279 4.2 3.0 4.6

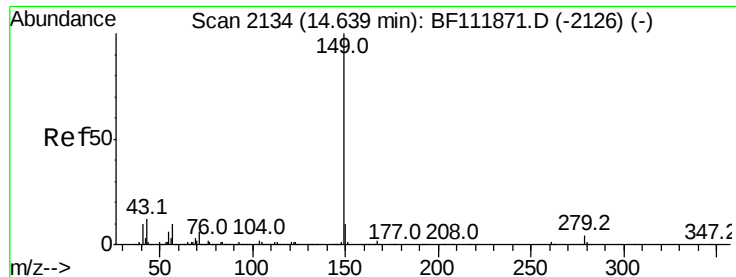


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.566 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

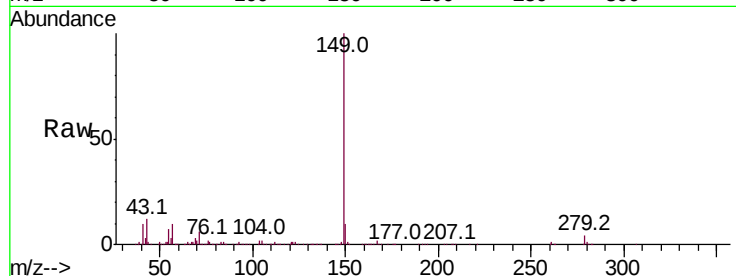
Tot Ion:149 Resp: 1175919

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

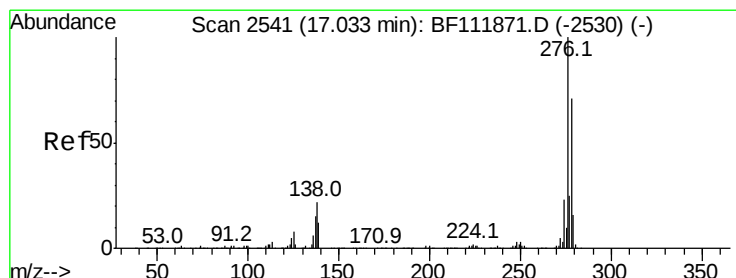
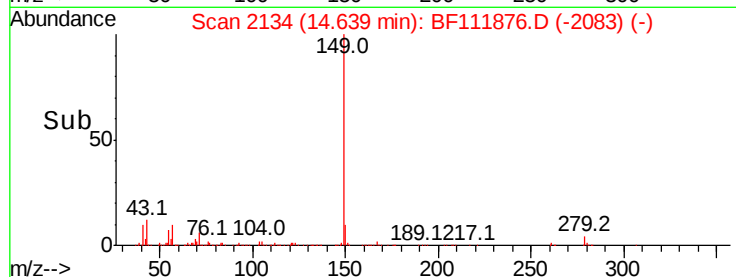
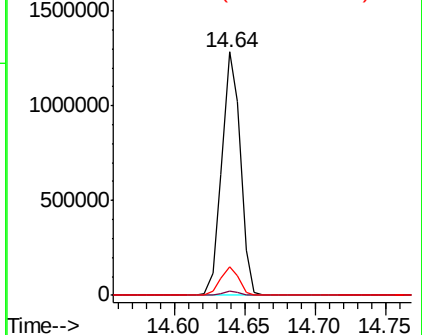
43 11.5 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.992 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

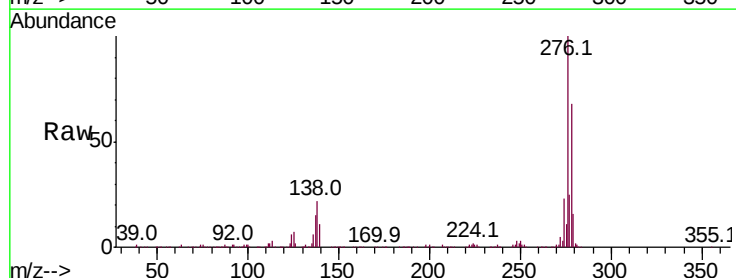
Tgt Ion:276 Resp: 870217

Ion Ratio Lower Upper

276 100

138 22.9 18.1 27.1

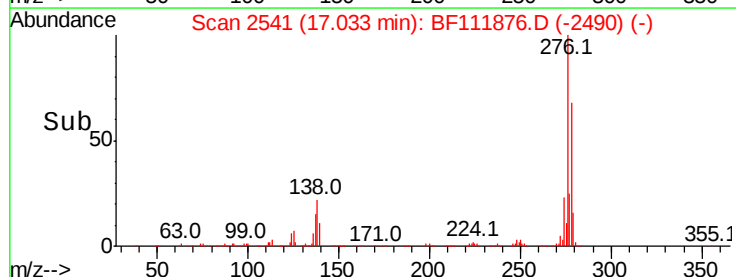
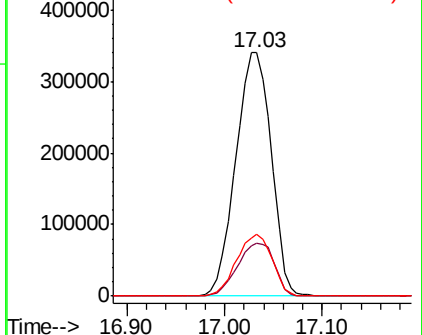
277 25.3 19.9 29.9

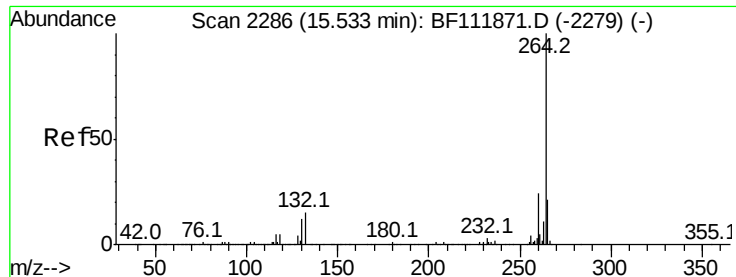


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

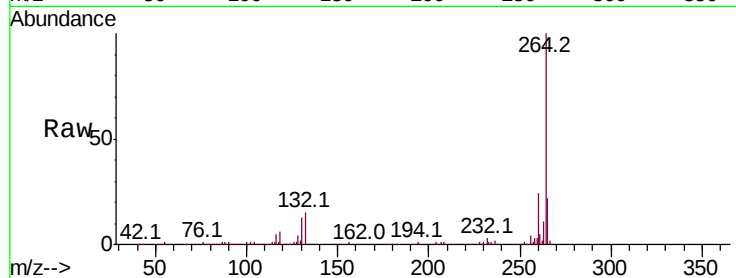
Tot Ion:264 Resp: 426267

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

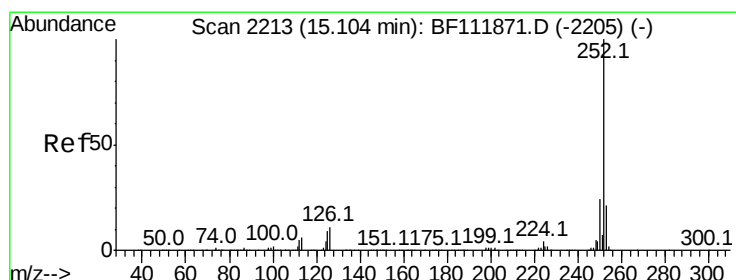
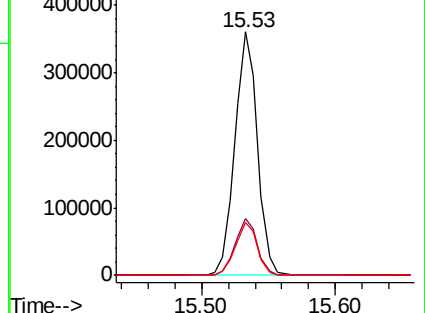
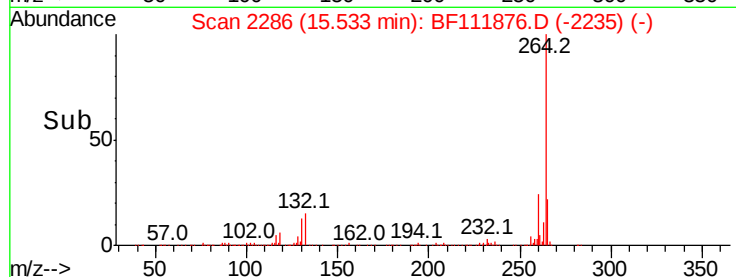
265 21.6 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.371 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

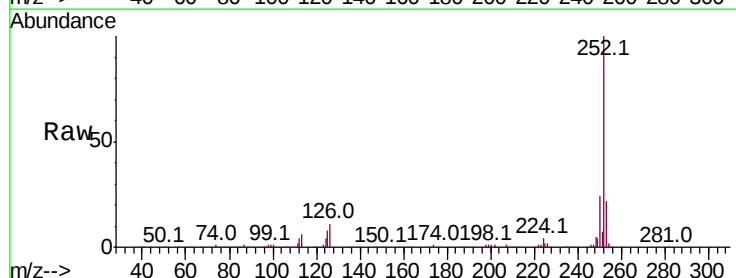
Tgt Ion:252 Resp: 952932

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

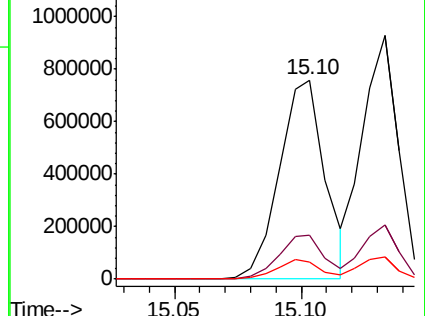
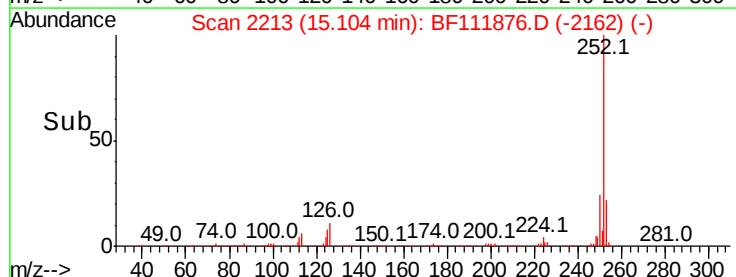
125 8.3 7.1 10.7

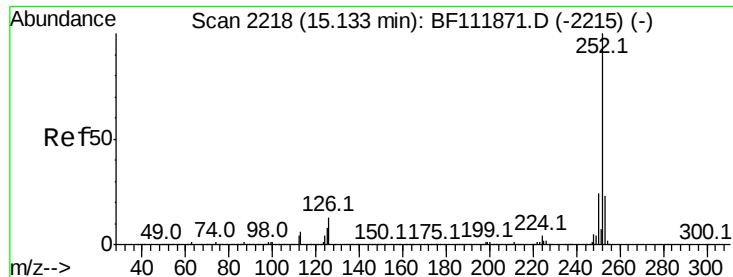


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.245 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF010719

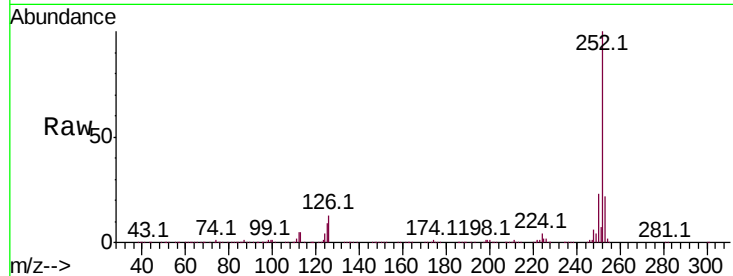
Tot Ion:252 Resp: 916678

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

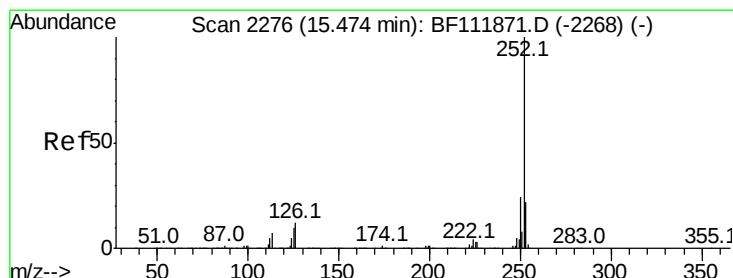
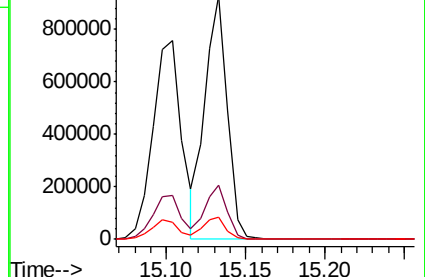
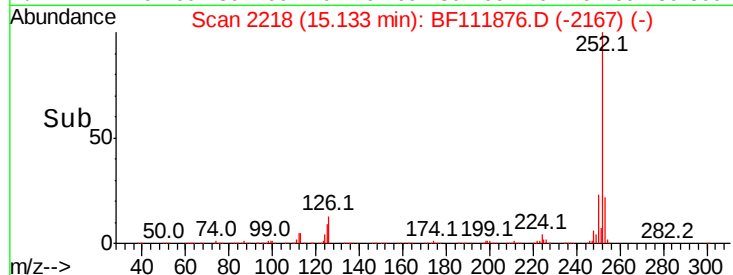
125 8.9 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.163 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

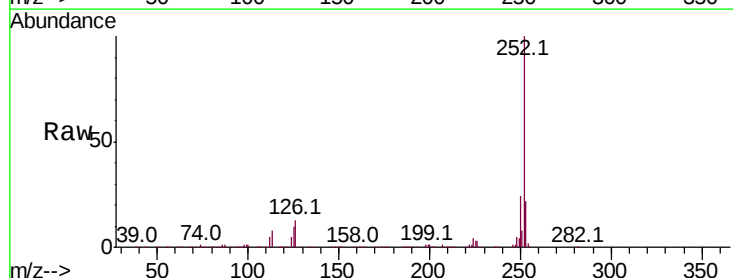
Tgt Ion:252 Resp: 855632

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

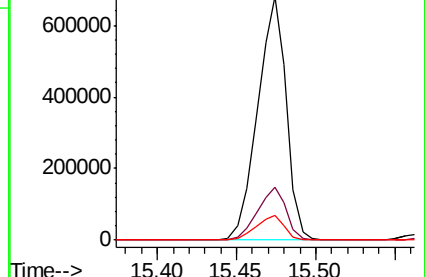
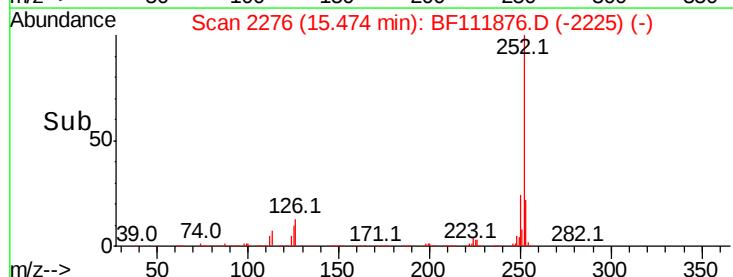
125 9.9 7.9 11.9

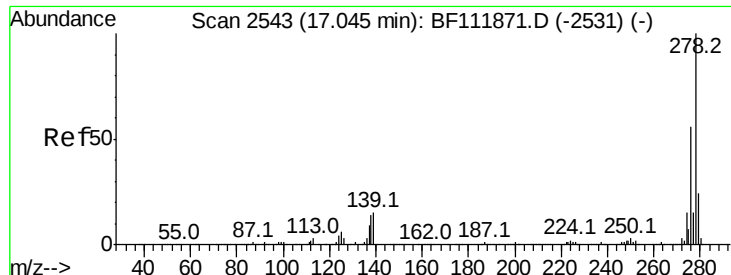


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

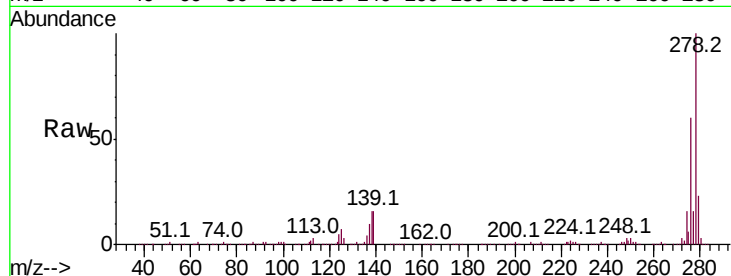




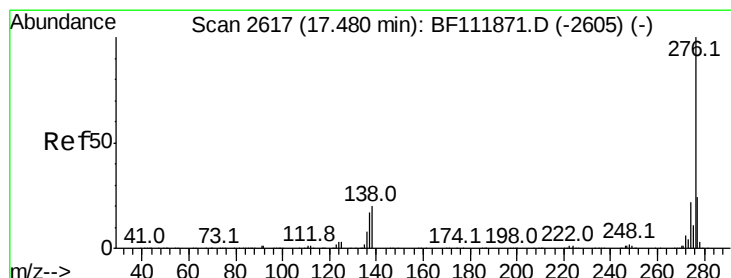
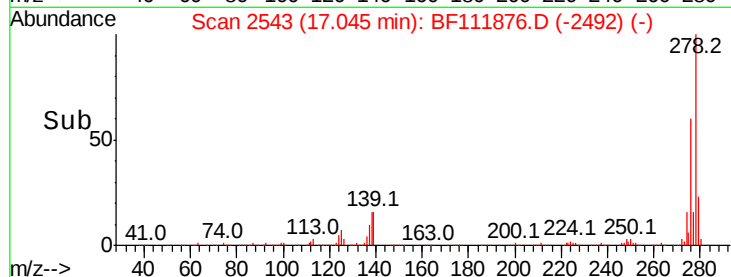
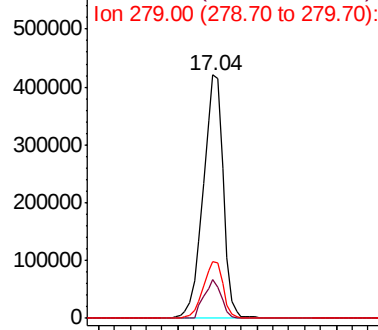
#91
Dibenzo(a,h)anthracene
Concen: 40.708 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF010719

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.8	17.6
279	23.5	19.4	29.2

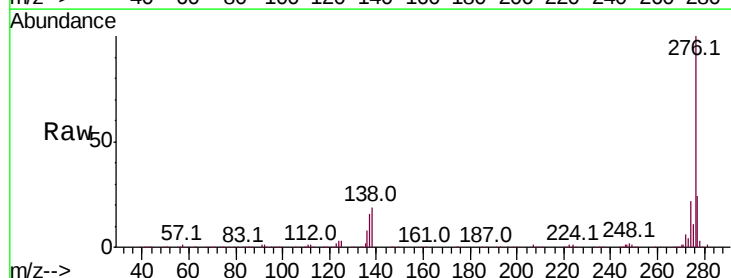


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.250 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	18.9	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

