

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 :

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

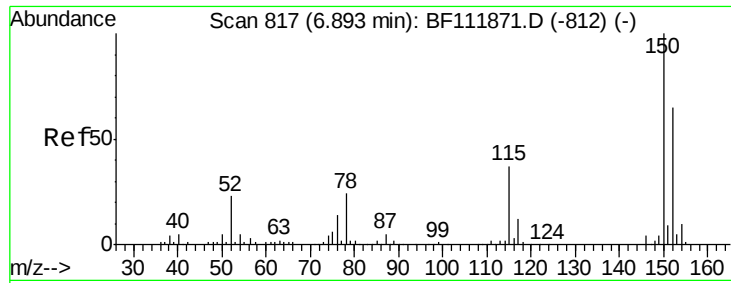
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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 Response via : Initial Calibration

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

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

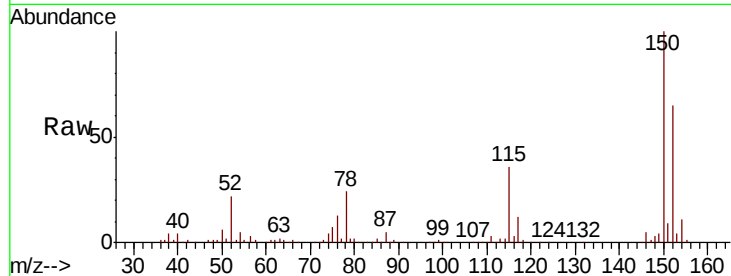


#1

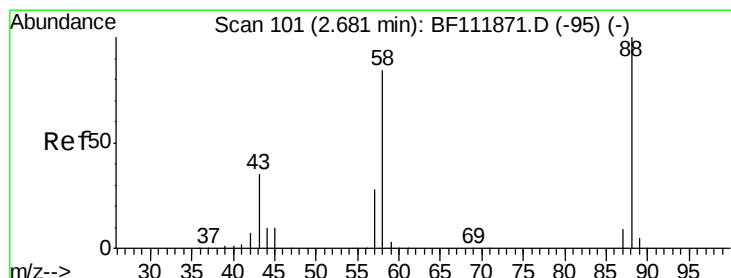
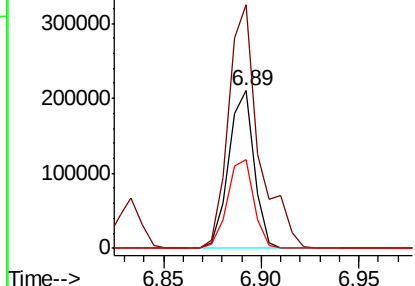
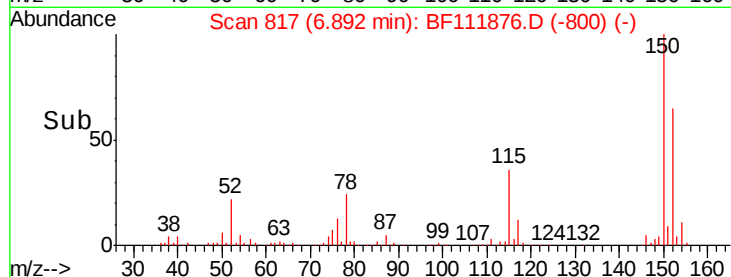
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

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



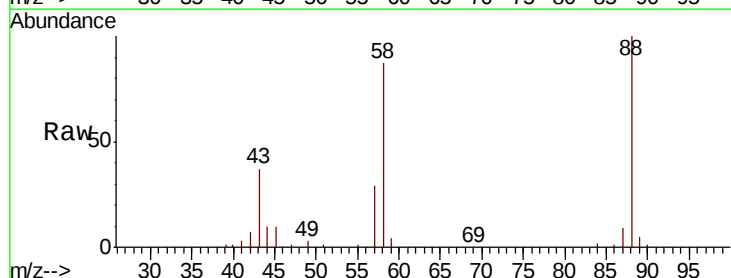
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



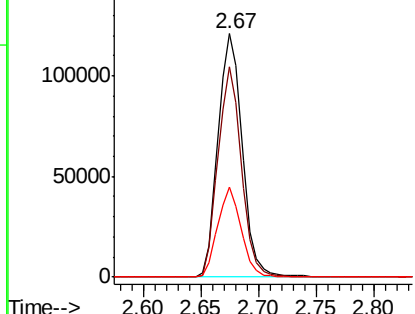
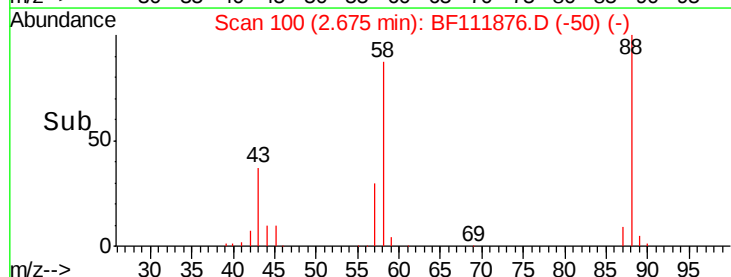
#2

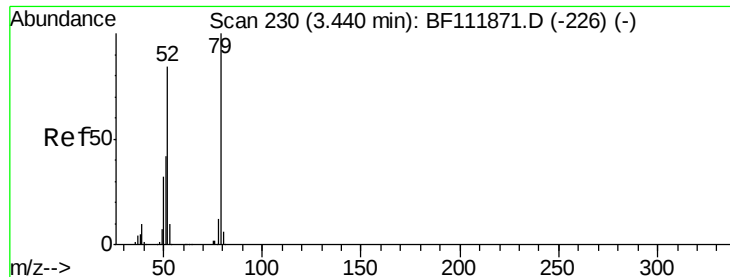
1,4-Dioxane
Concen: 36.281 ng
RT: 2.67 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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 :

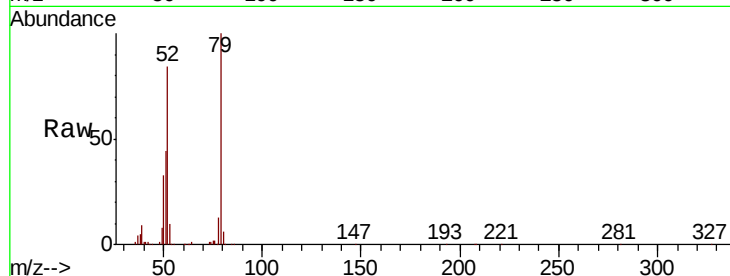
Tot Ion: 79 Resp: 476650

Ion Ratio Lower Upper

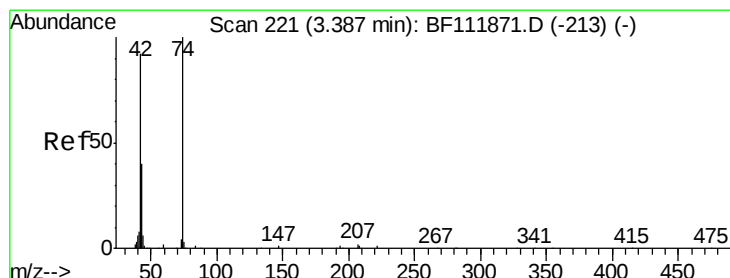
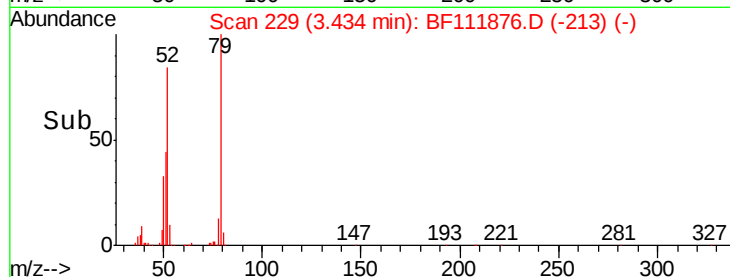
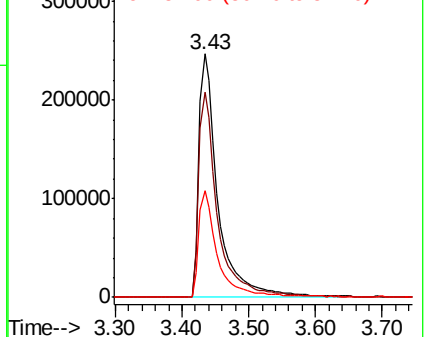
79 100

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

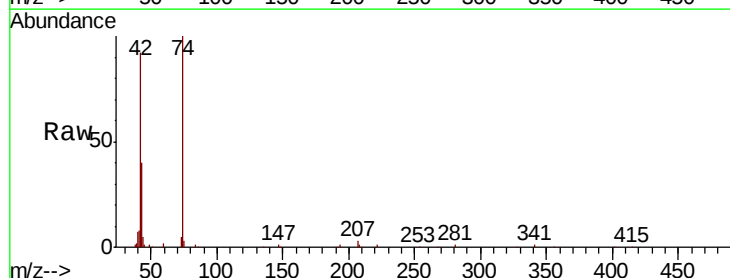
Tgt Ion: 42 Resp: 232522

Ion Ratio Lower Upper

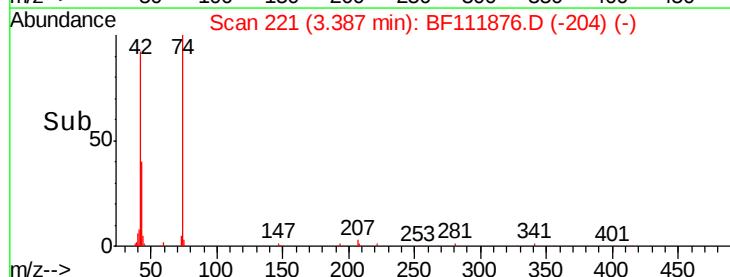
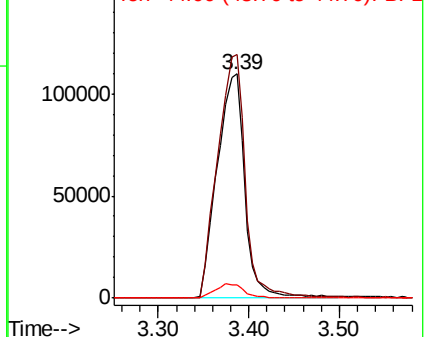
42 100

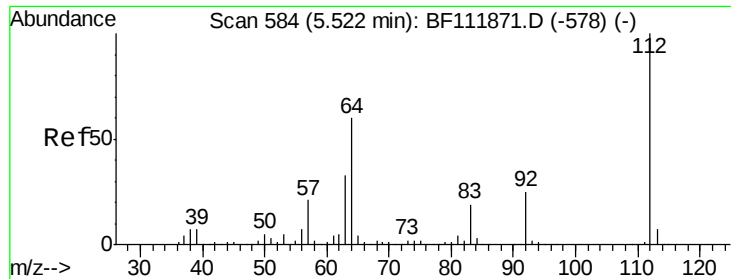
74 108.6 87.0 130.6

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

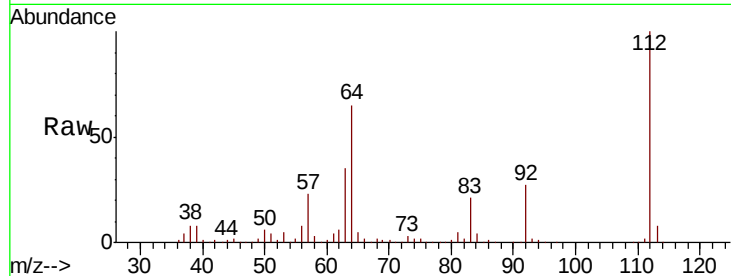
Delta R.T. -0.01 min

Lab File: BF111876.D

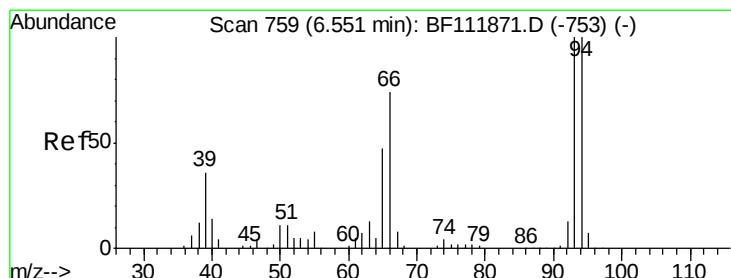
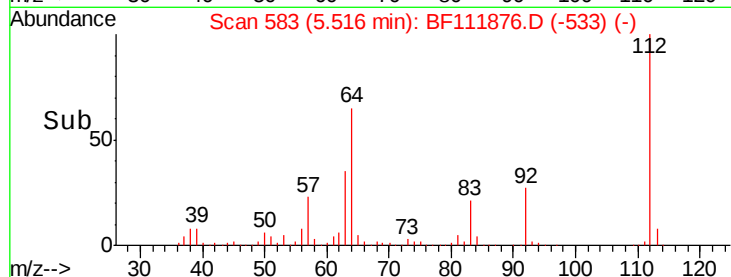
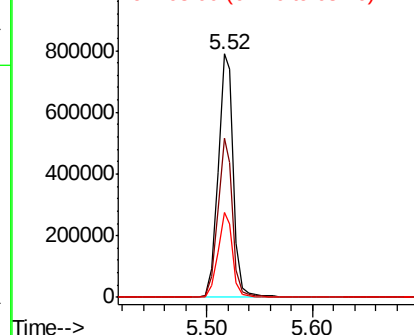
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampled :

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): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.489 ng

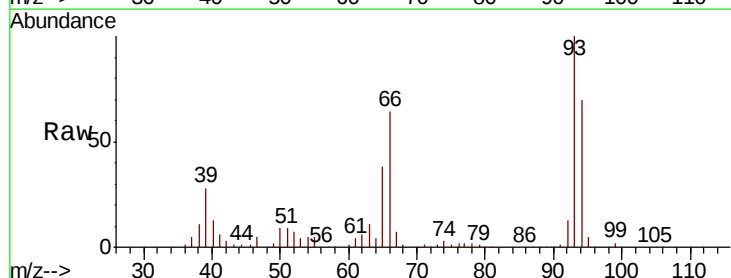
RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

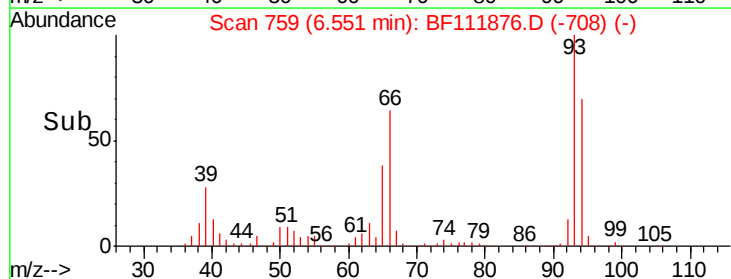
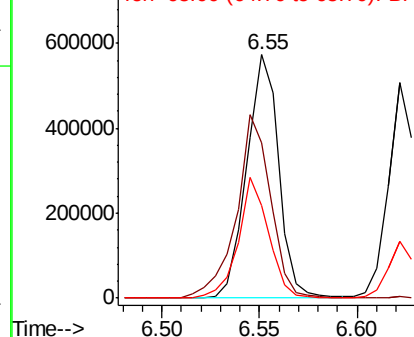
Lab File: BF111876.D

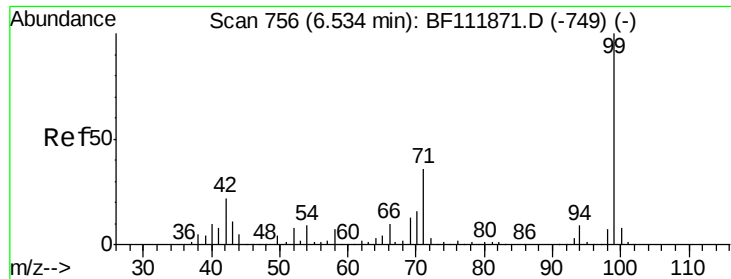
Acq: 7 Jan 2019 15:04

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

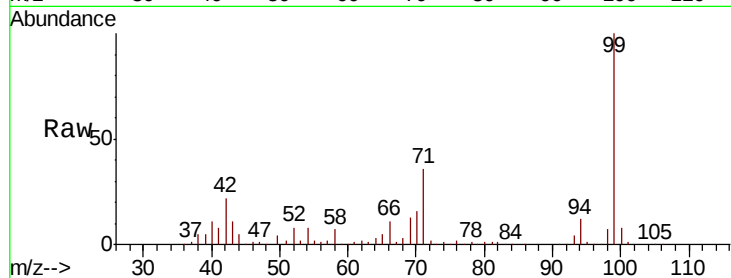
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1053930

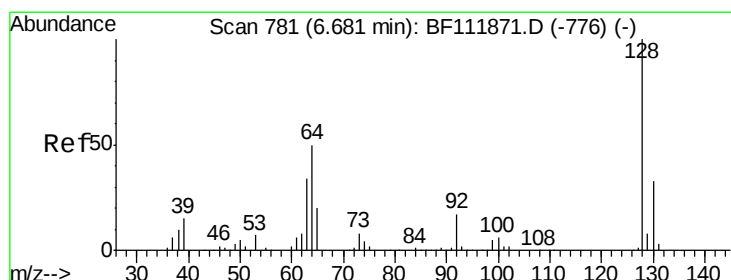
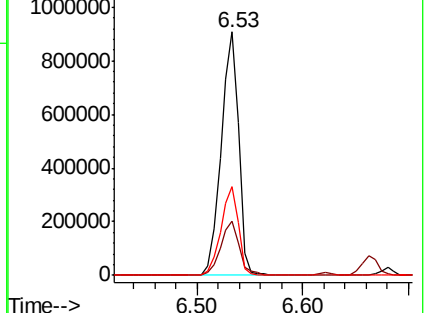
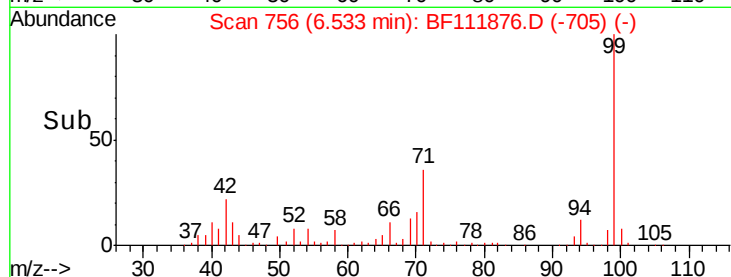
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	36.5	28.7	43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.910 ng

RT: 6.68 min Scan# 781

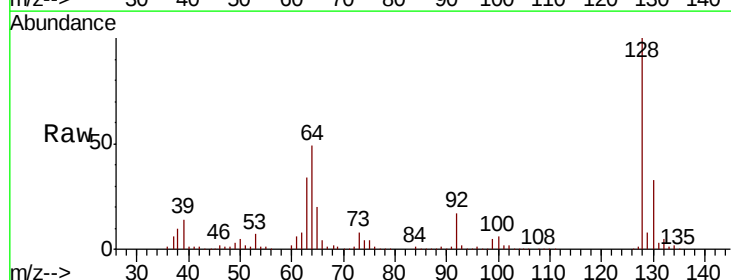
Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion: 128 Resp: 468188

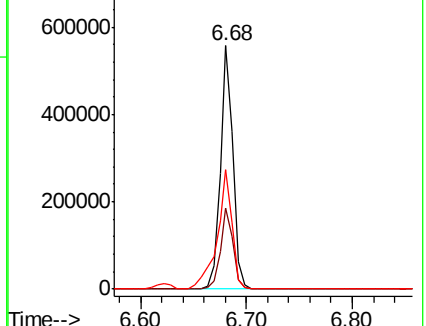
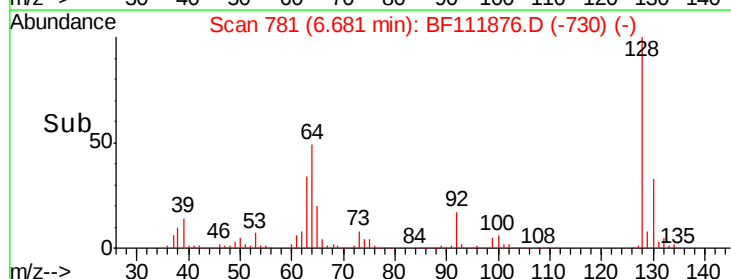
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	49.3	31.8	71.8

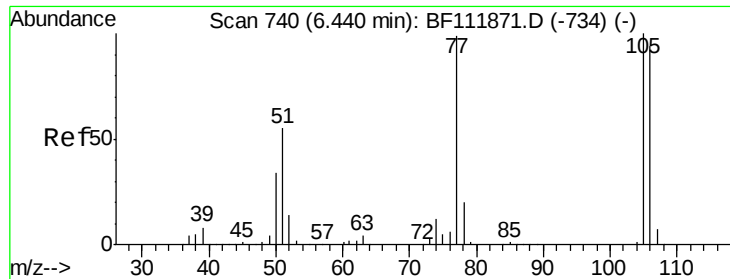


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

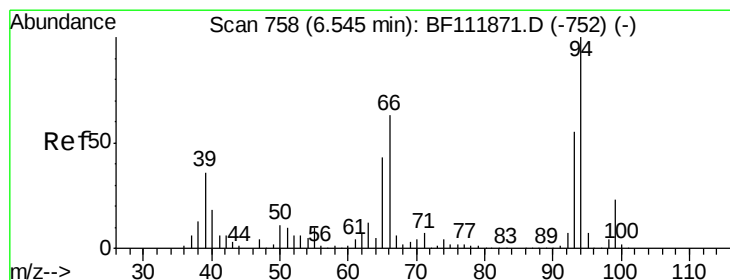
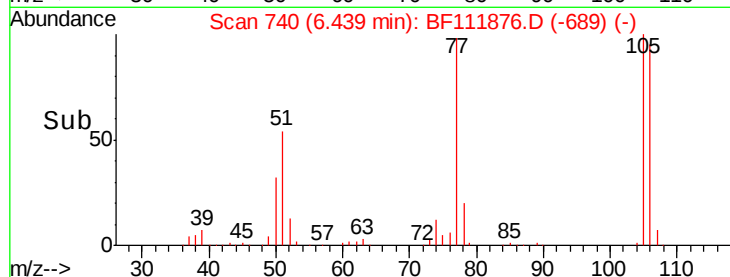
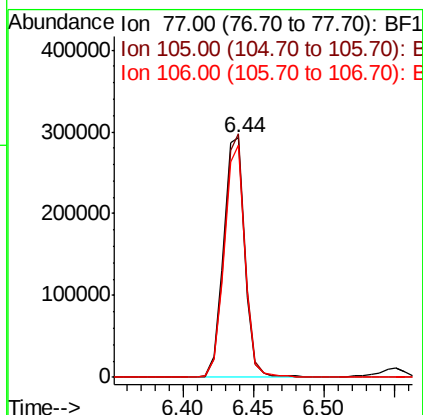
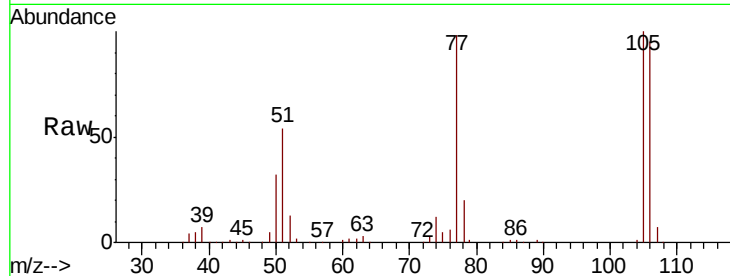




#9
Benzaldehyde
Concen: 37.527 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

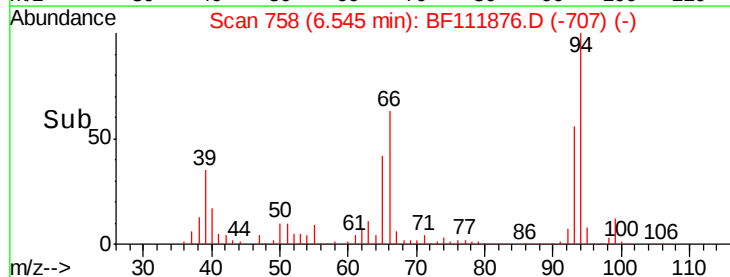
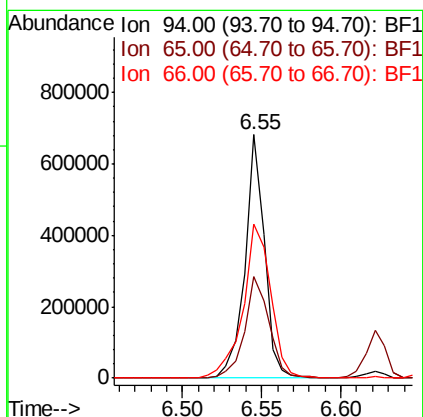
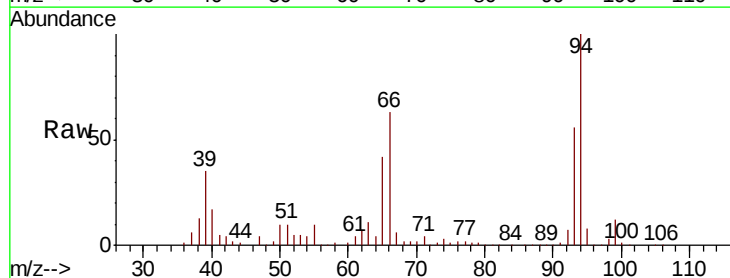
Instrument :
BNA_F
ClientSampled :

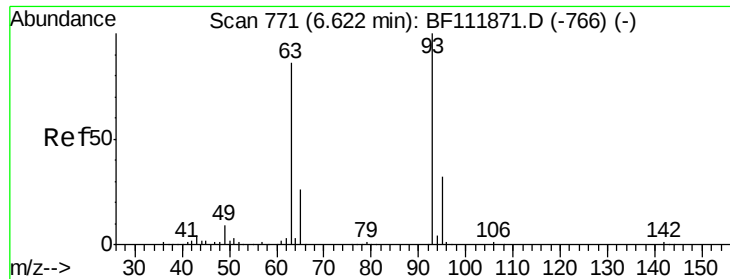
Tot Ion: 77 Resp: 306395
Ion Ratio Lower Upper
77 100
105 101.7 80.6 120.6
106 96.7 74.6 114.6



#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





#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 :

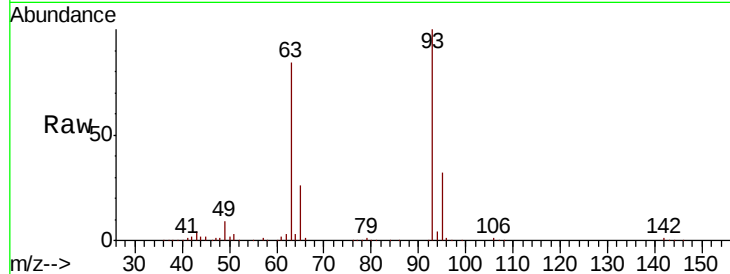
Tot Ion: 93 Resp: 455712

Ion Ratio Lower Upper

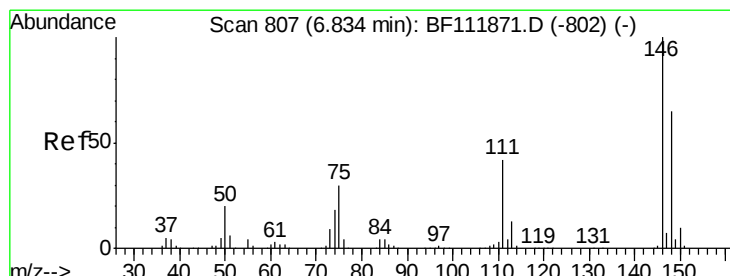
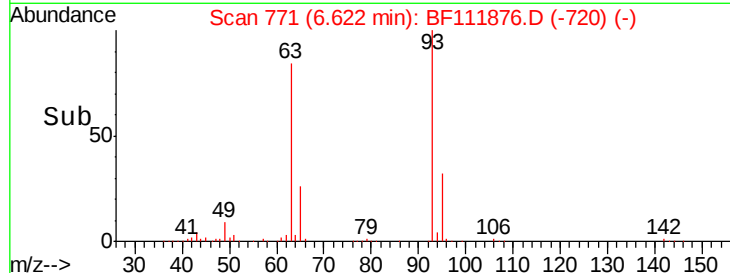
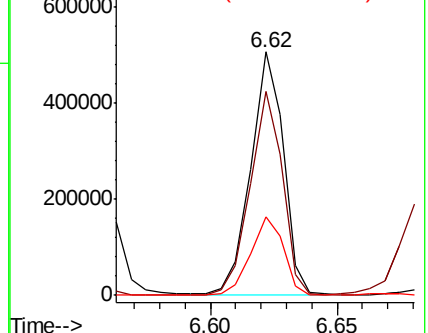
93 100

63 83.6 65.2 105.2

95 32.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#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

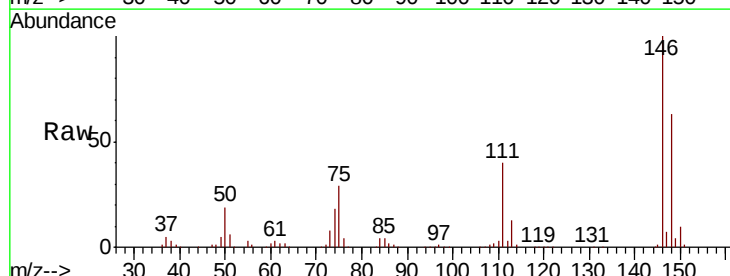
Tgt Ion: 146 Resp: 549526

Ion Ratio Lower Upper

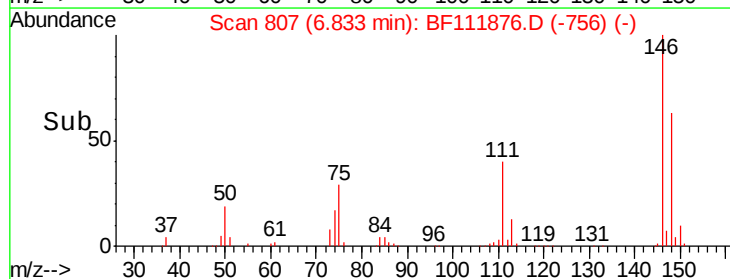
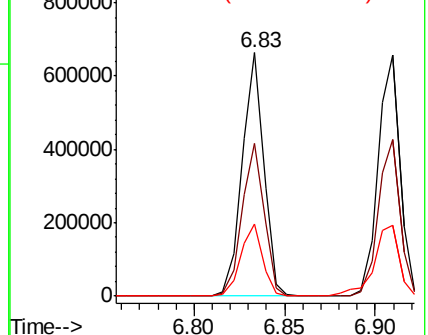
146 100

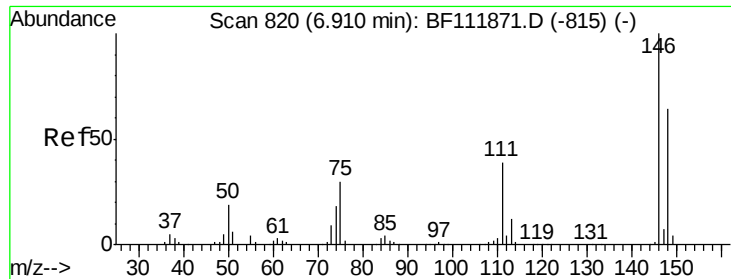
148 62.7 51.8 77.6

75 29.5 24.3 36.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

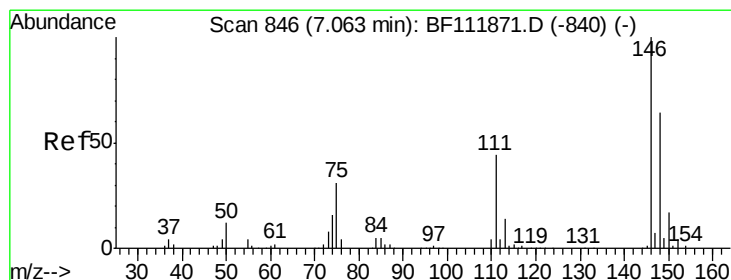
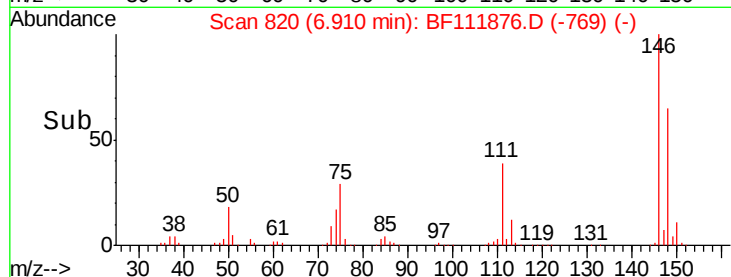
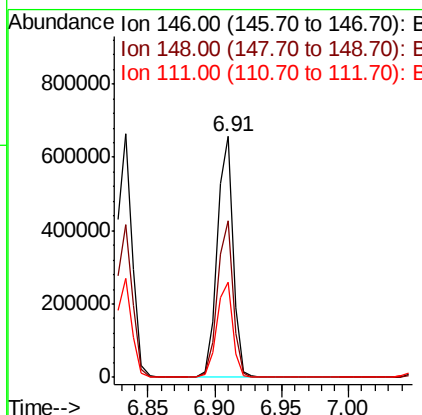
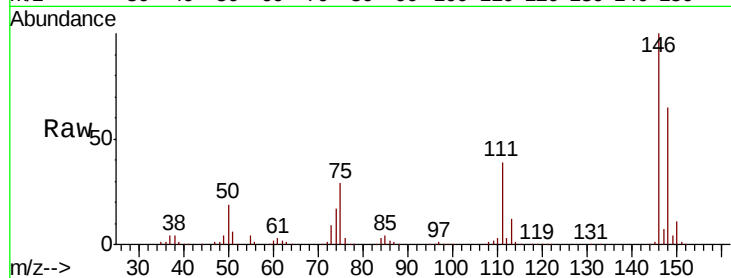




#13
 1,4-Dichlorobenzene
 Concen: 38.159 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

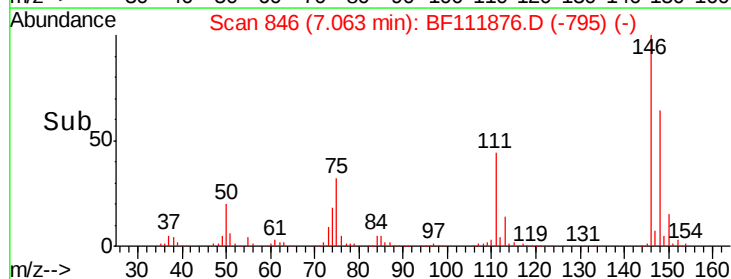
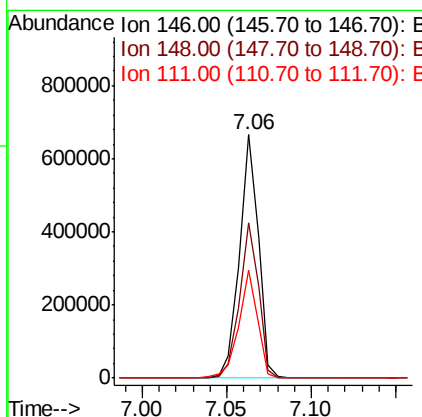
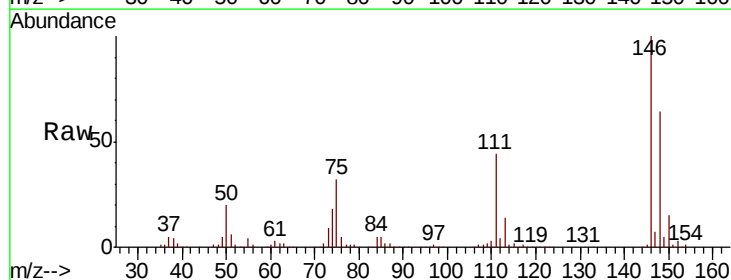
Instrument :
 BNA_F
 ClientSampleId :

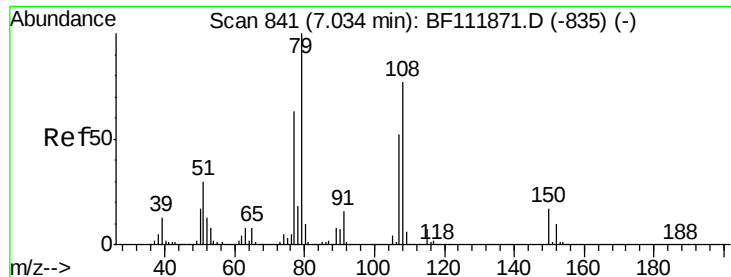
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	39.5	31.5	47.3



#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	Ratio	Lower	Upper
146	100		
148	63.6	51.5	77.3
111	44.4	35.5	53.3





#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

ClientSampled :

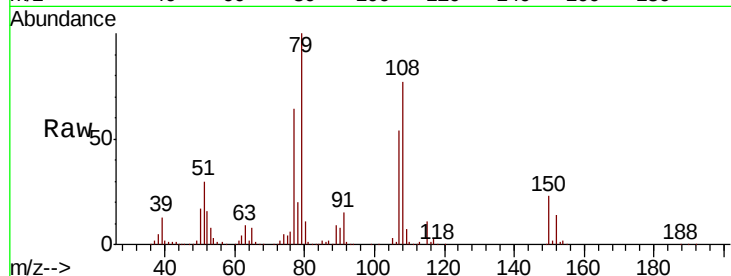
Tot Ion: 79 Resp: 427292

Ion Ratio Lower Upper

79 100

108 77.1 61.4 92.0

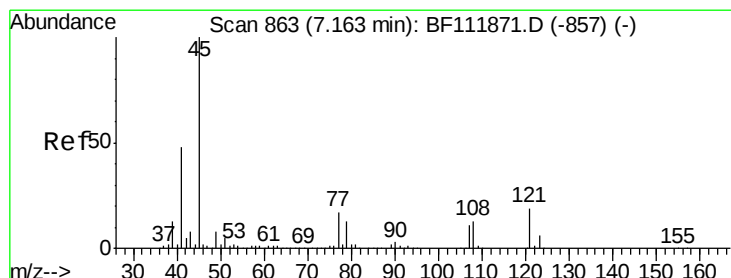
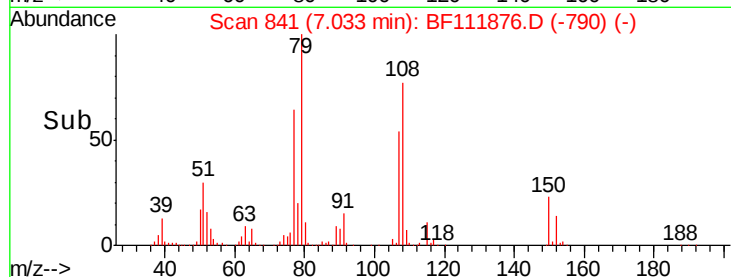
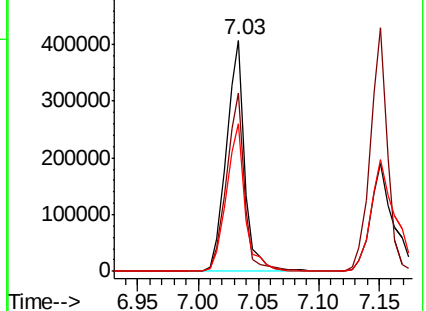
77 63.9 50.4 75.6



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

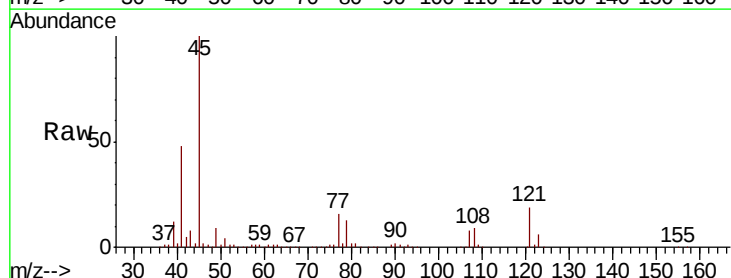
Tgt Ion: 45 Resp: 776631

Ion Ratio Lower Upper

45 100

77 15.9 0.0 37.1

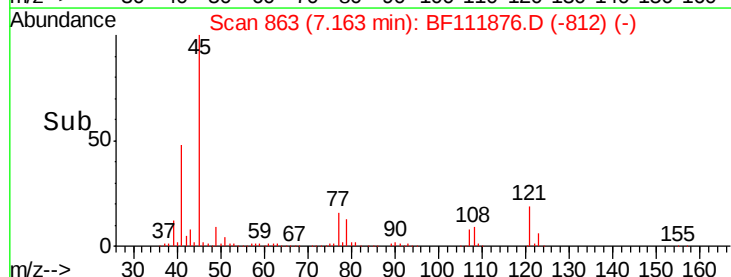
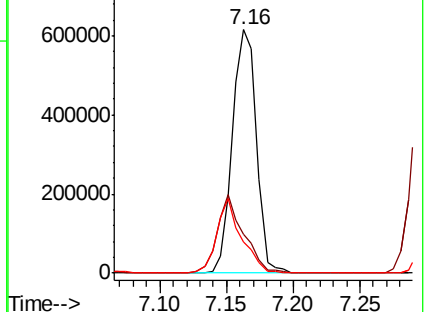
79 12.6 0.0 33.9

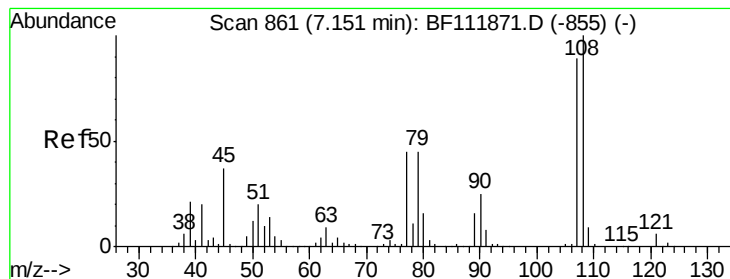


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

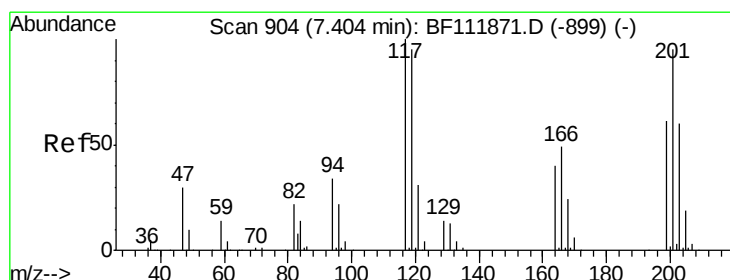
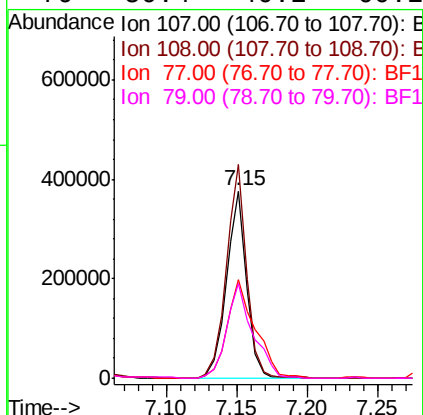
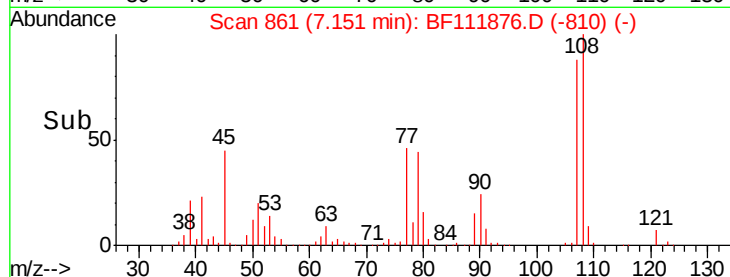
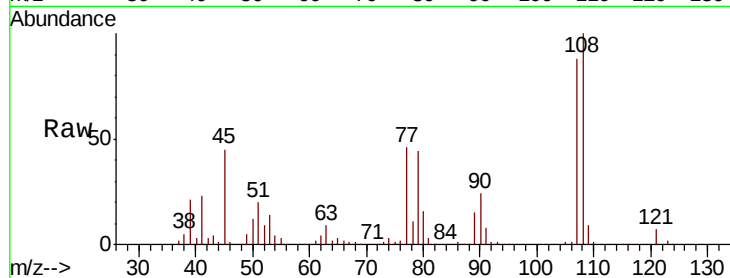




#17
2-Methylphenol
Concen: 37.418 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

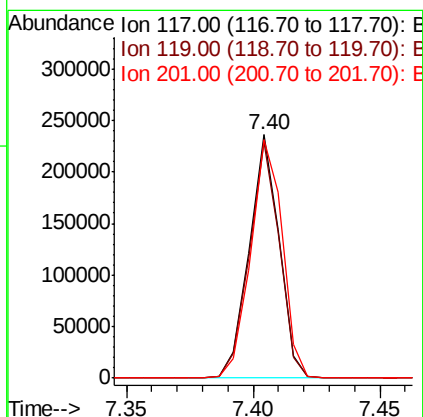
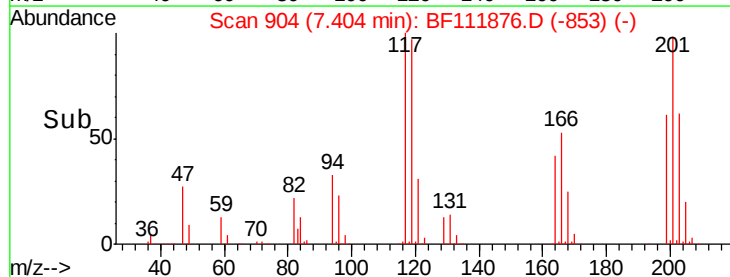
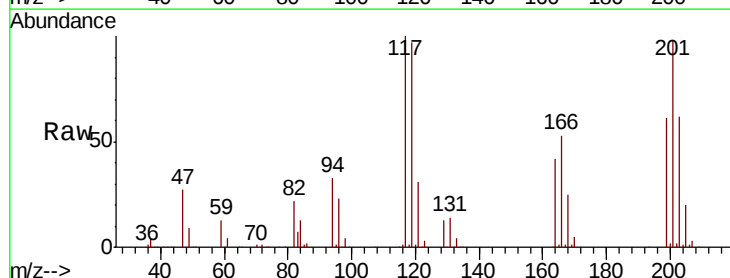
Instrument :
BNA_F
ClientSampleId :

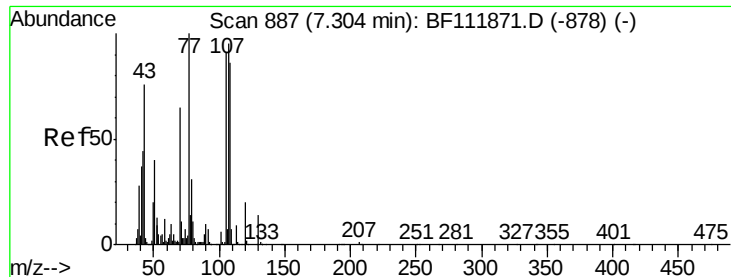
Tot Ion:107 Resp: 371404
Ion Ratio Lower Upper
107 100
108 114.0 89.7 134.5
77 52.6 40.6 60.8
79 50.4 40.2 60.2



#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

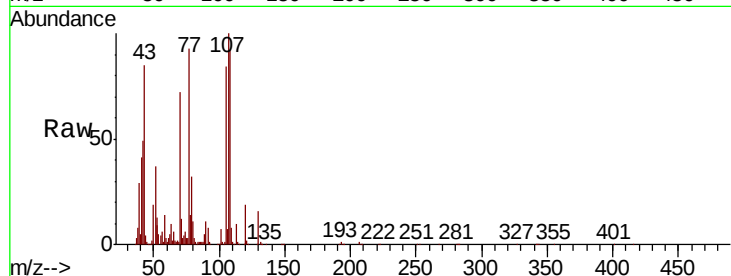




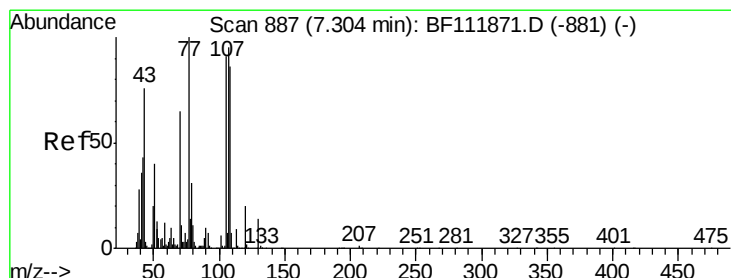
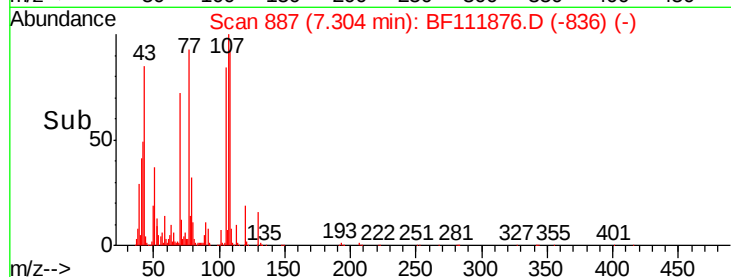
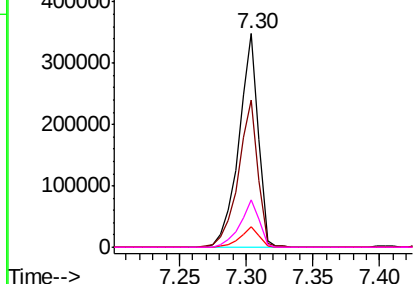
#19
n-Nitroso-di-n-propylamine
Concen: 37.945 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

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

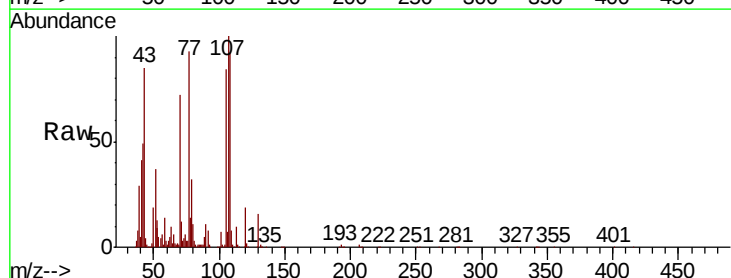


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

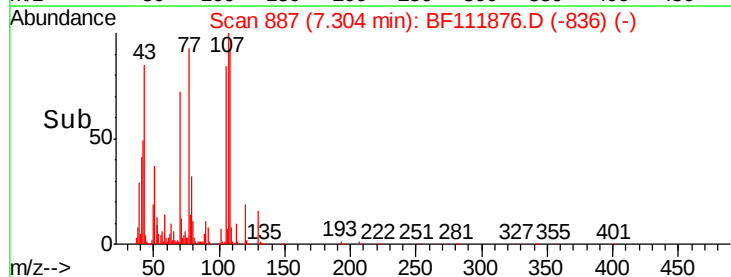
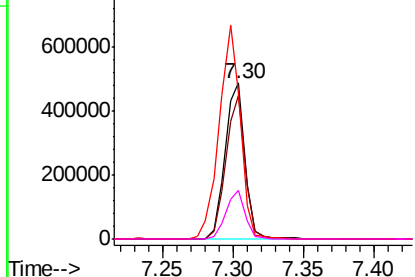


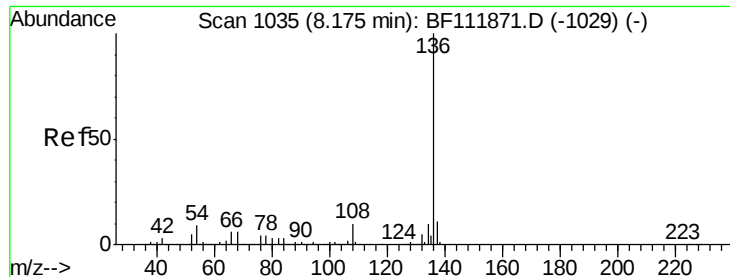
#20
3+4-Methylphenols
Concen: 38.348 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

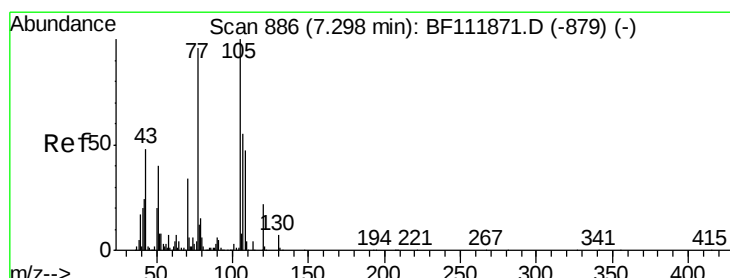
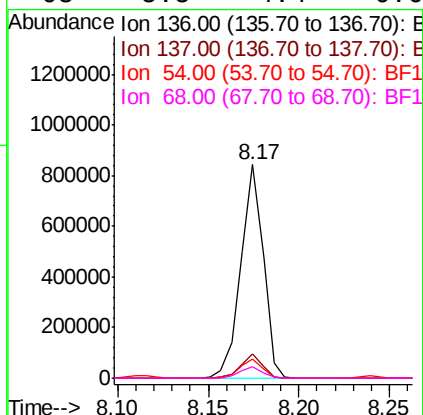
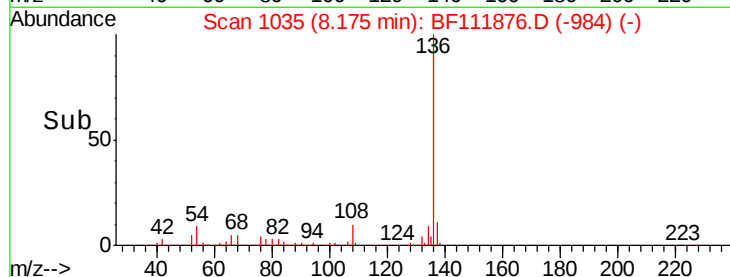
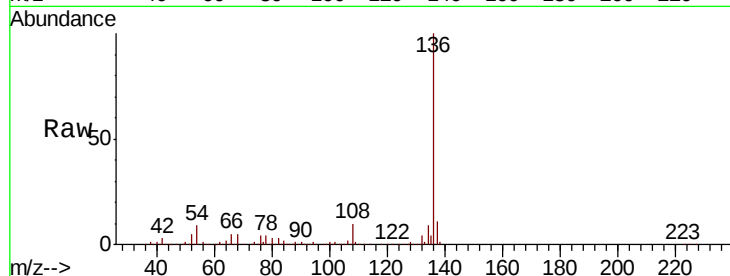




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

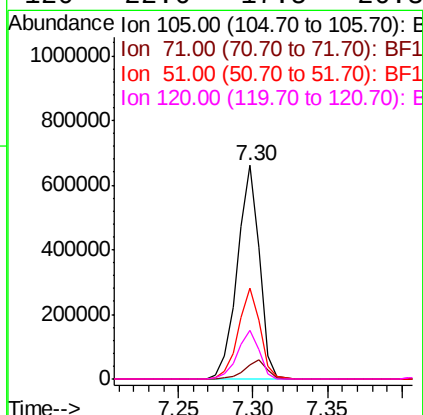
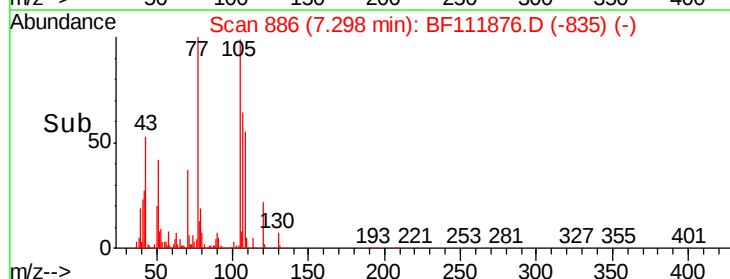
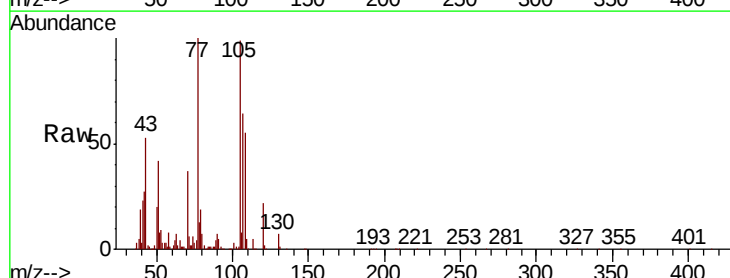
Instrument :
BNA_F
ClientSampleId :

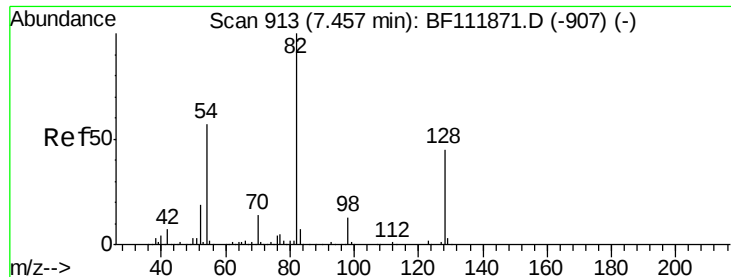
Tot Ion:136	Resp:	728429
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	8.9	7.2 10.8
68	5.5	4.4 6.6



#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

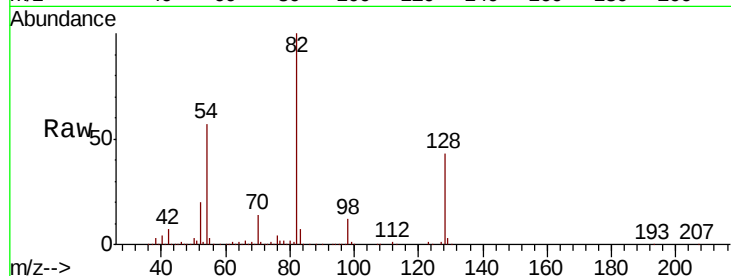




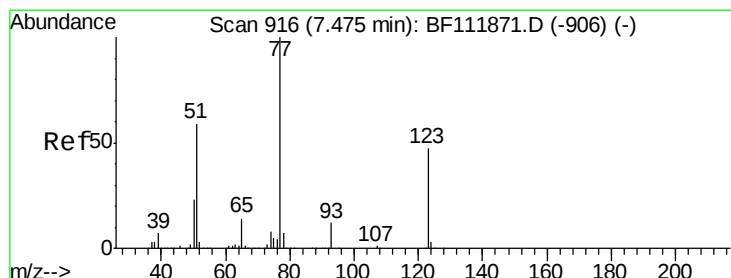
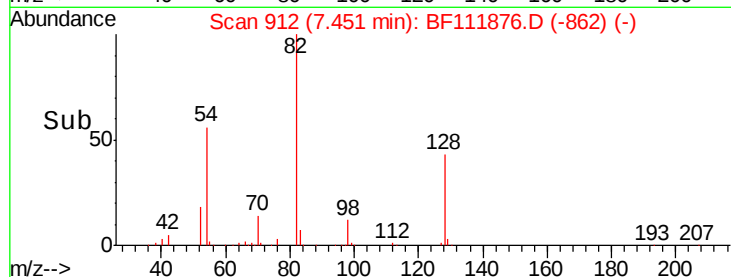
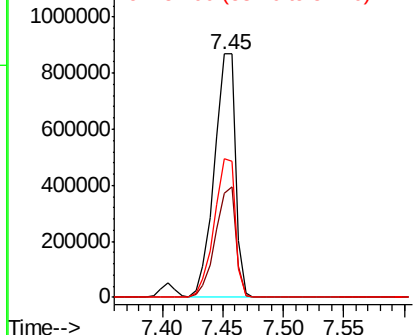
#23
 Nitrobenzene-d5
 Concen: 76.469 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

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

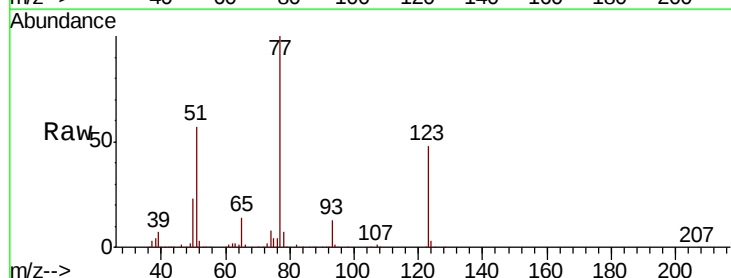


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

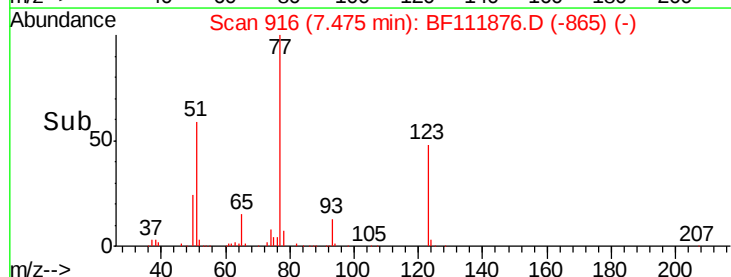
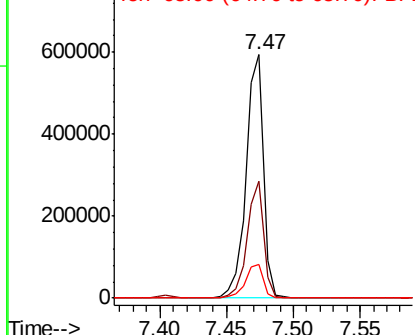


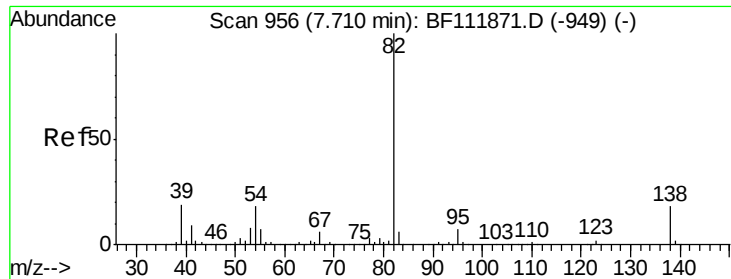
#24
 Nitrobenzene
 Concen: 38.284 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

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



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

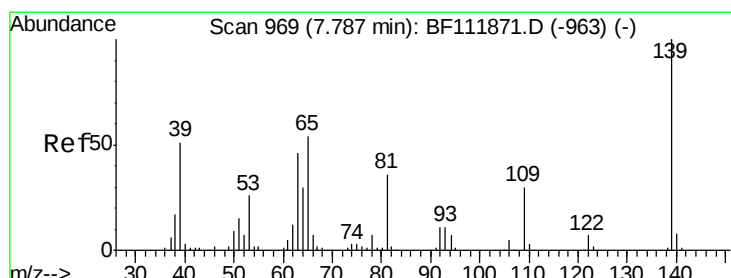
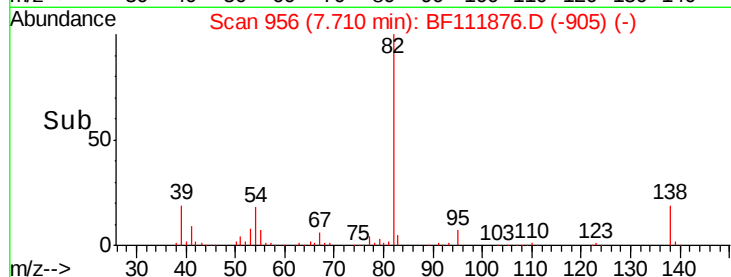
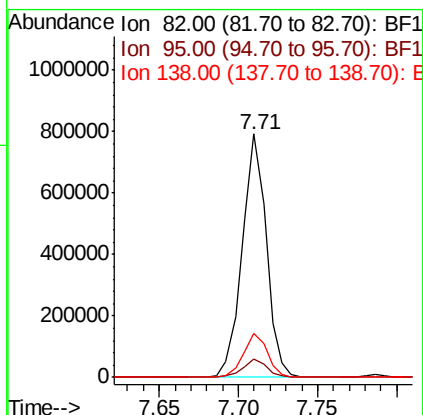
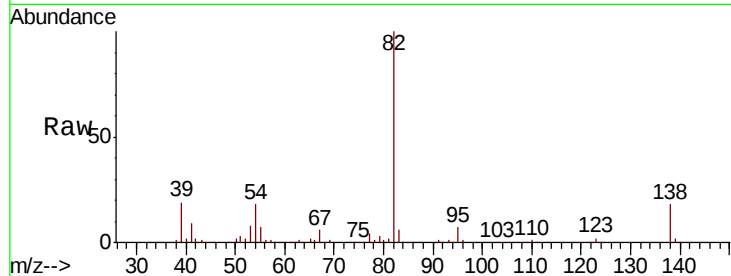




#25
Isophorone
Concen: 37.905 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

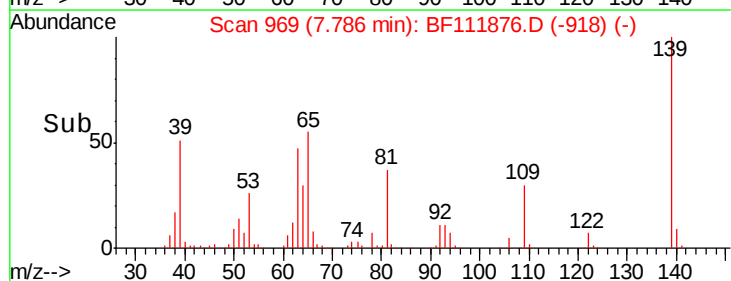
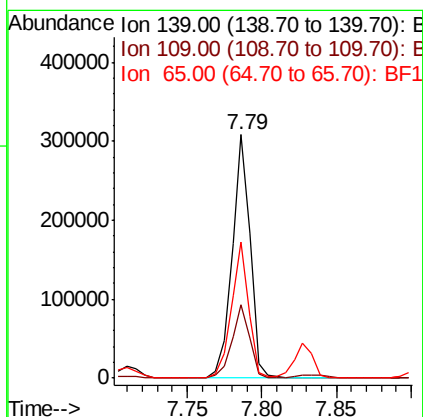
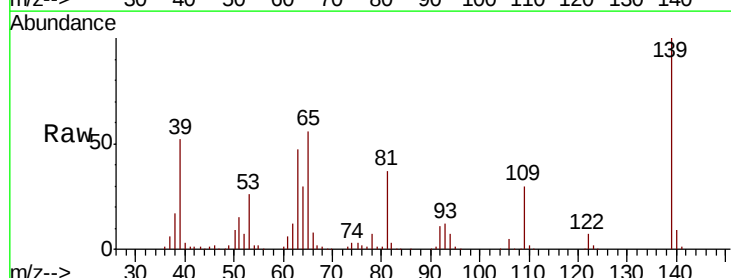
Instrument :
BNA_F
ClientSampleId :

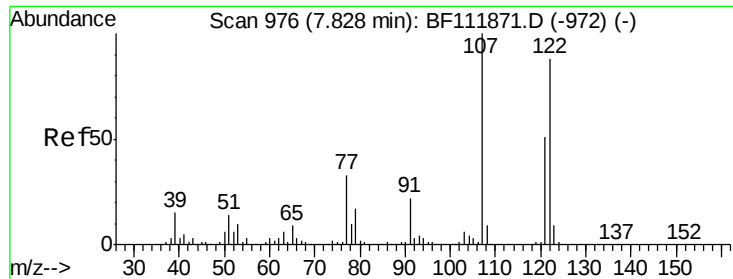
Tot Ion: 82 Resp: 836572
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.9 14.4 21.6



#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

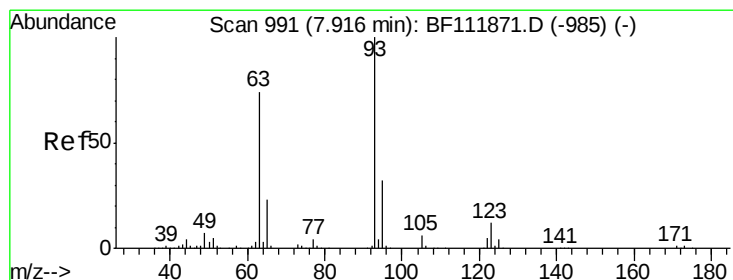
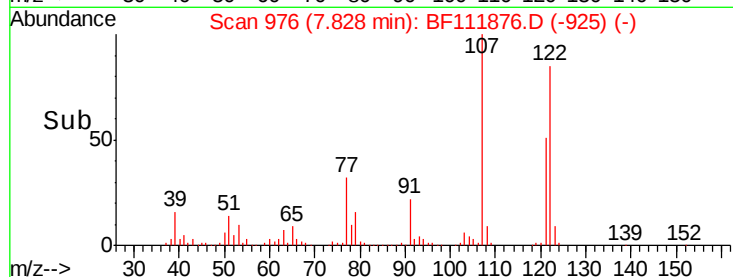
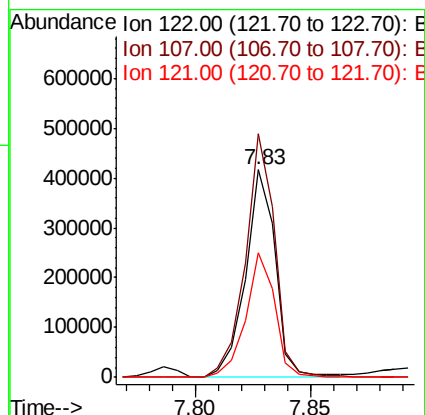
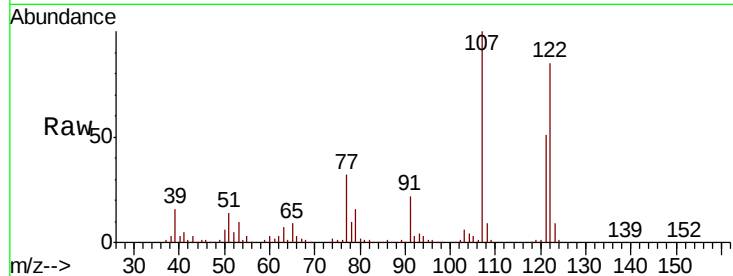




#27
2,4-Dimethylphenol
Concen: 38.097 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

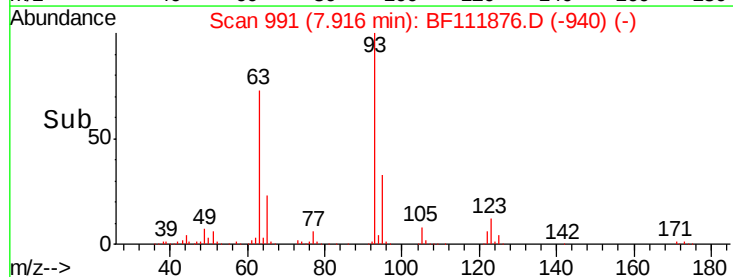
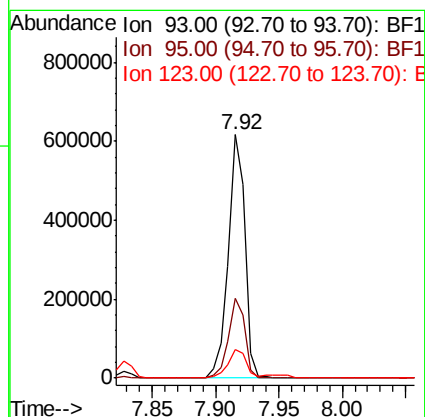
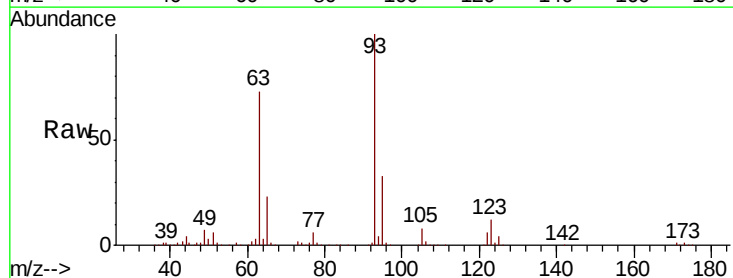
Instrument :
BNA_F
ClientSampleId :

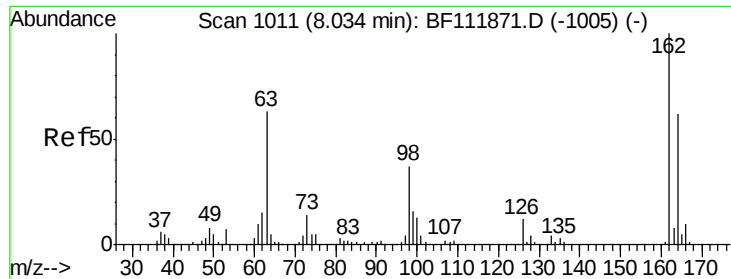
Tot Ion:122 Resp: 373946
Ion Ratio Lower Upper
122 100
107 117.3 91.0 136.6
121 59.8 46.8 70.2



#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

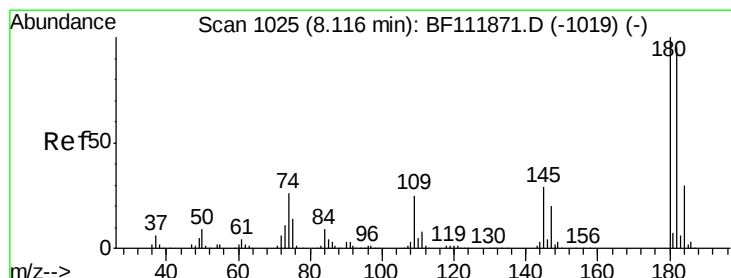
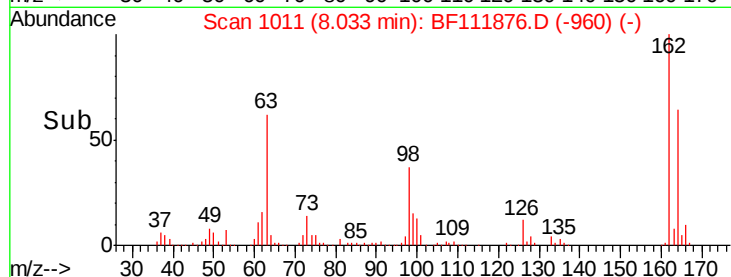
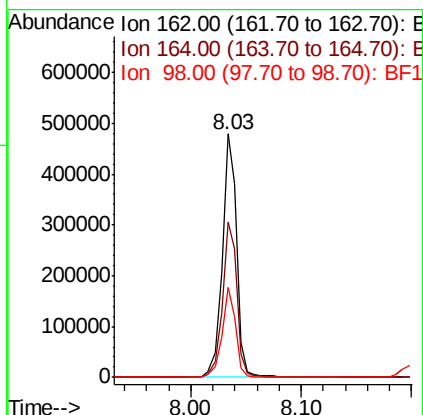
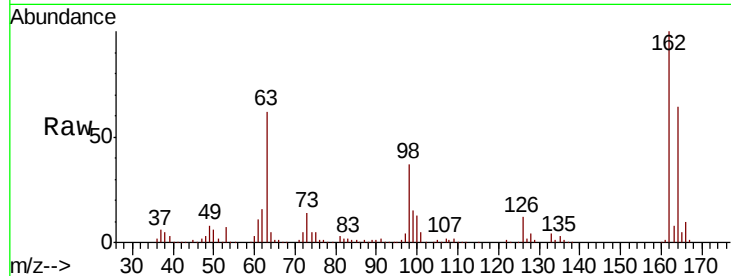




#29
 2,4-Dichlorophenol
 Concen: 38.455 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

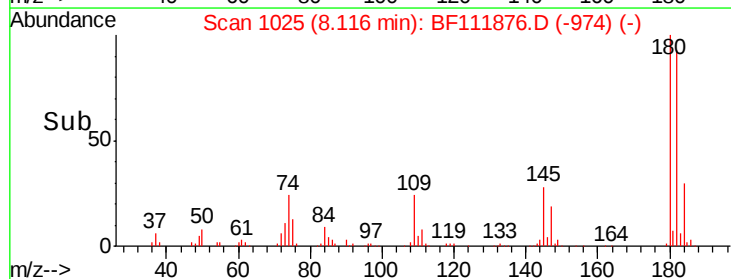
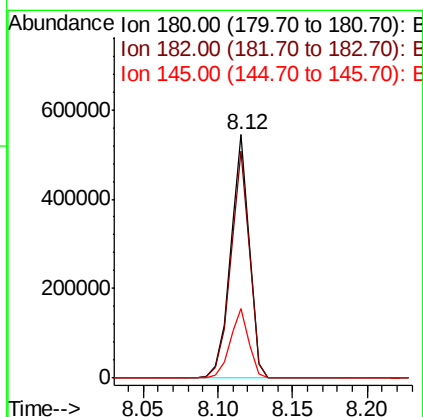
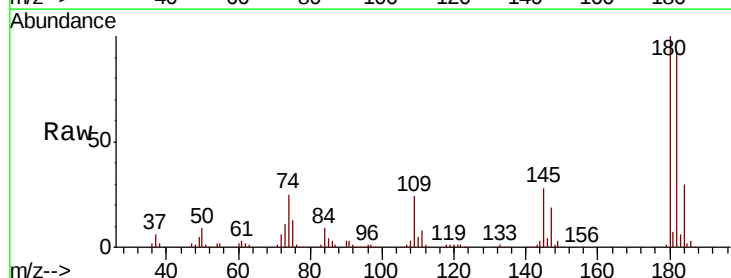
Instrument :
 BNA_F
 ClientSampleId :

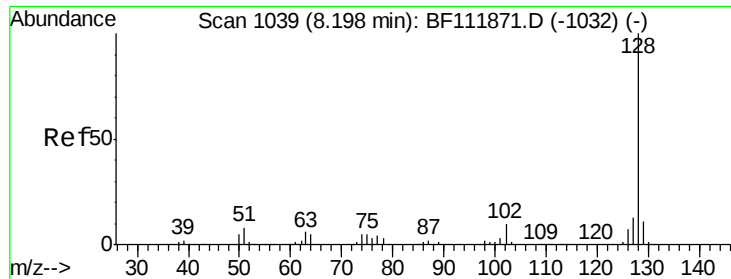
Tot Ion:162 Resp: 434032
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.1 82.1
 98 37.0 17.2 57.2



#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

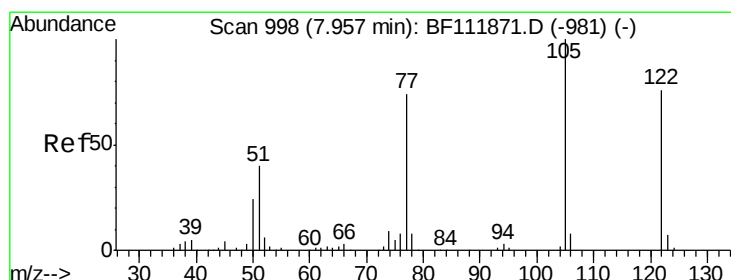
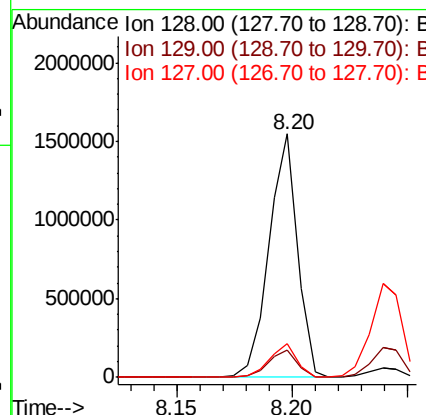
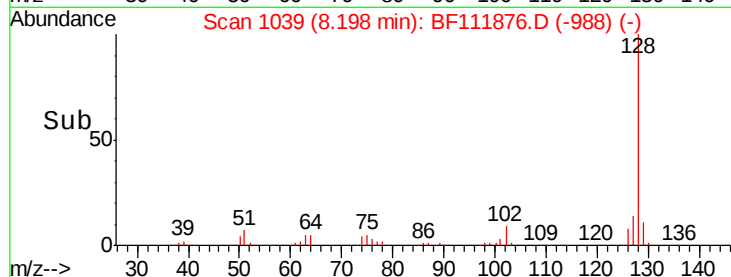
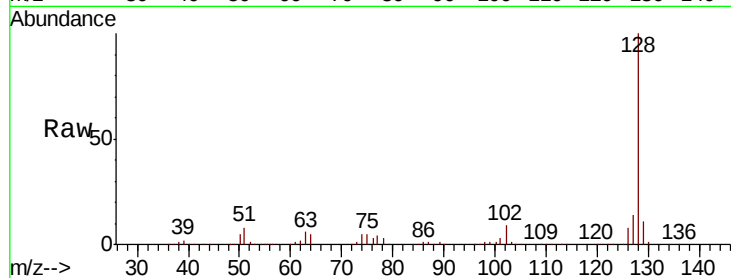




#31
Naphthalene
Concen: 38.408 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

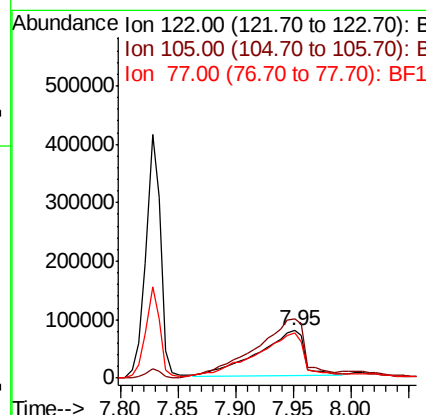
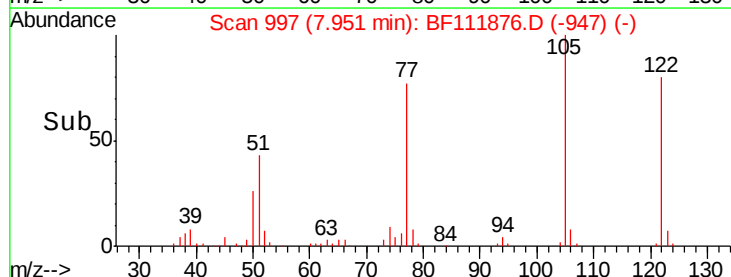
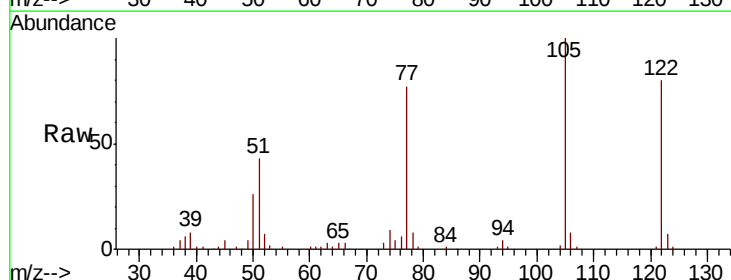
Instrument :
BNA_F
ClientSampleId :

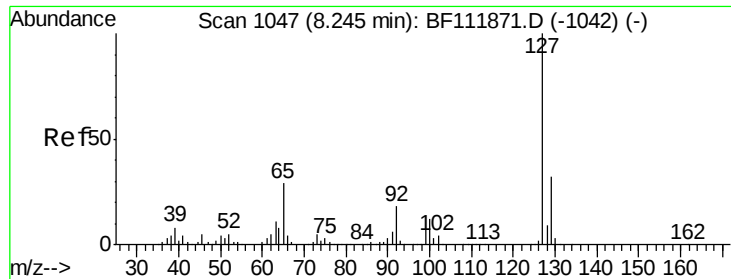
Tot Ion:128 Resp: 1328097
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.6 10.7 16.1



#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

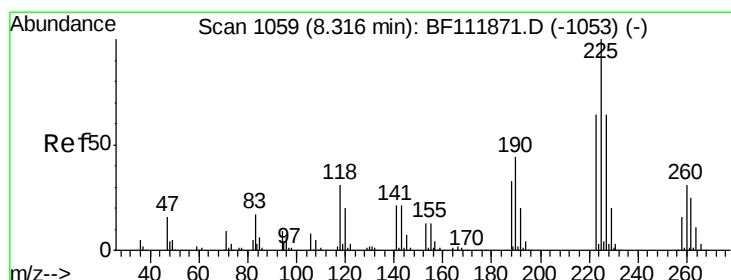
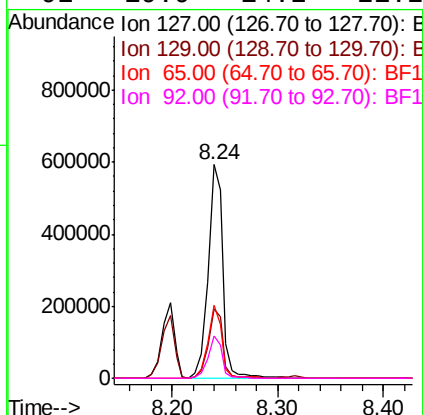
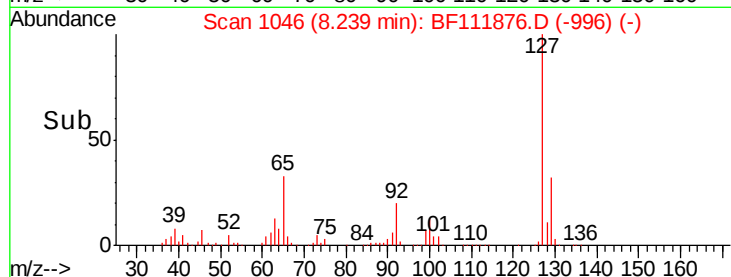
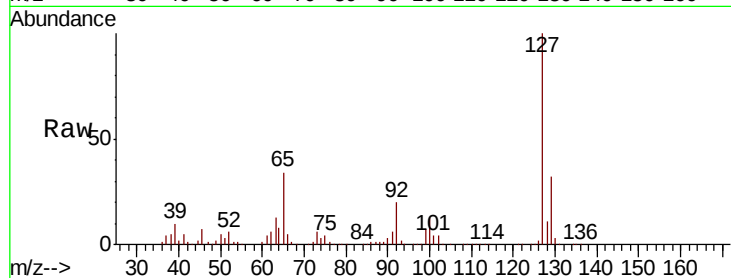




#33
4-Chloroaniline
Concen: 38.705 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

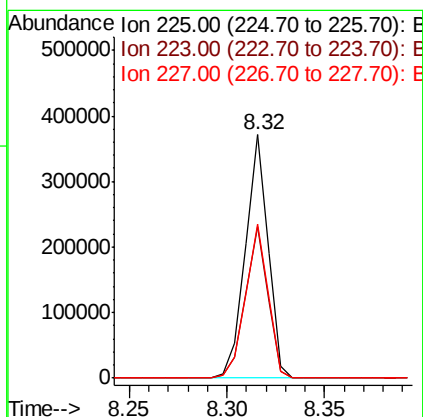
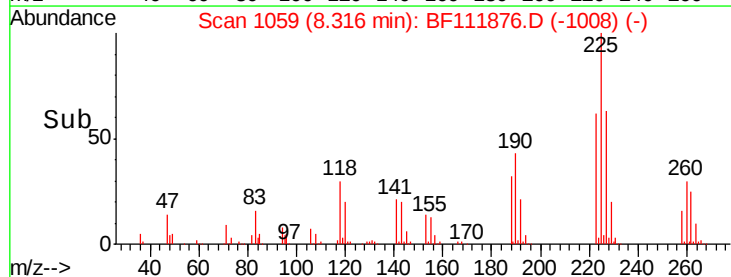
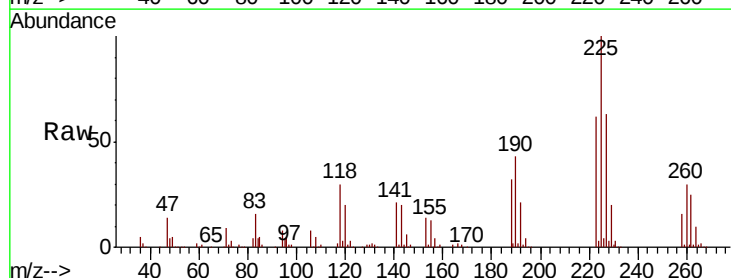
Instrument :
BNA_F
ClientSampleId :

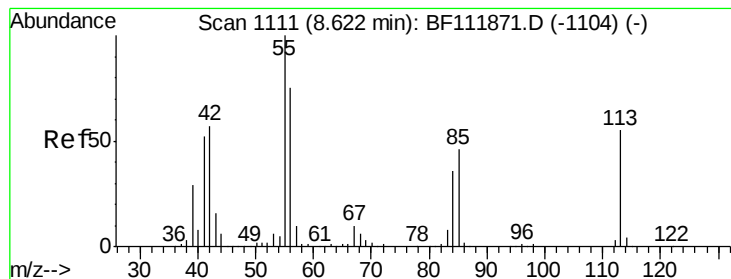
Tot Ion:	127	Resp:	578563
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	33.9	23.5	35.3
92	19.9	14.2	21.2



#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

ClientSampled :

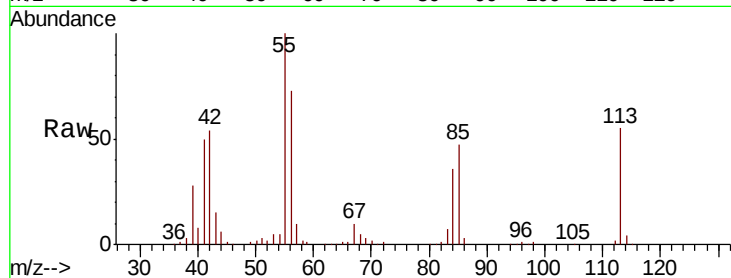
Tot Ion:113 Resp: 146277

Ion Ratio Lower Upper

113 100

55 181.8 162.0 202.0

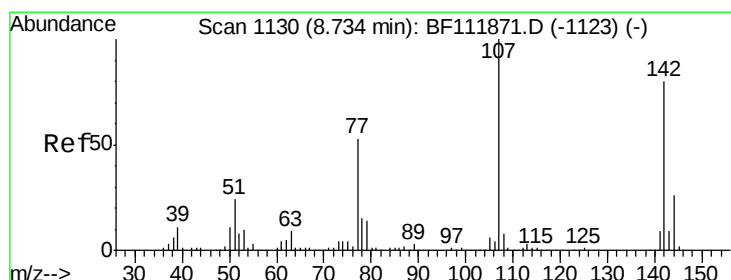
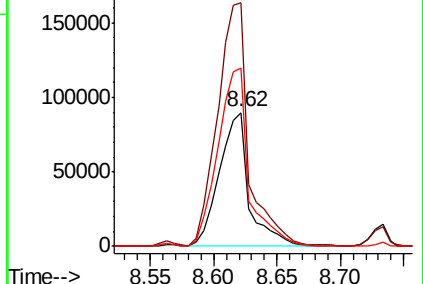
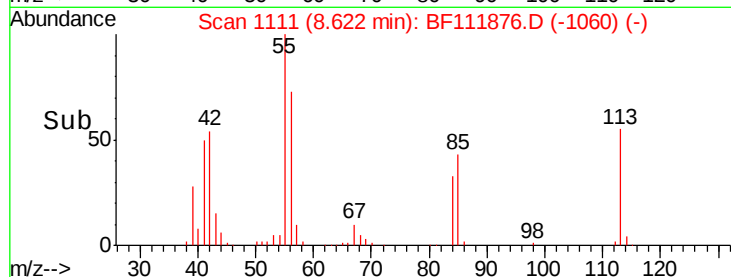
56 133.4 116.0 156.0



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

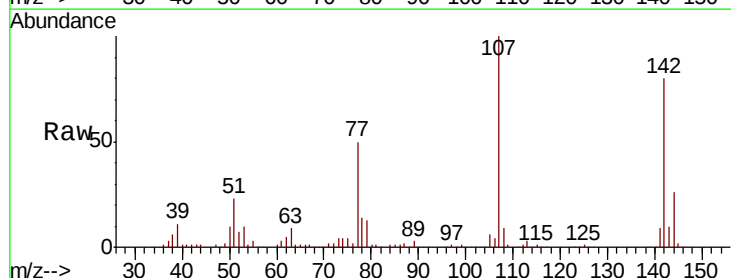
Tgt Ion:107 Resp: 435573

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

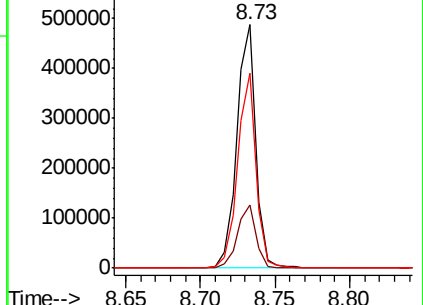
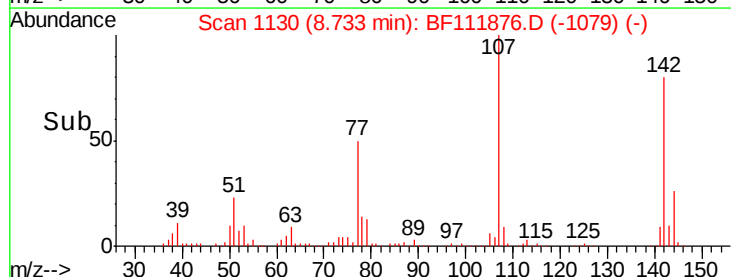
142 80.3 63.9 95.9

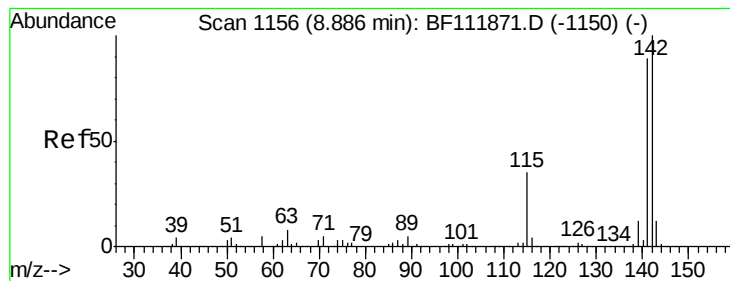


Abundance Ion 107.00 (106.70 to 107.70): E

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 :

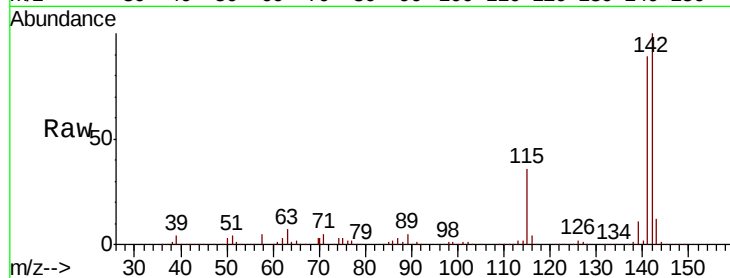
Tot Ion:142 Resp: 881554

Ion Ratio Lower Upper

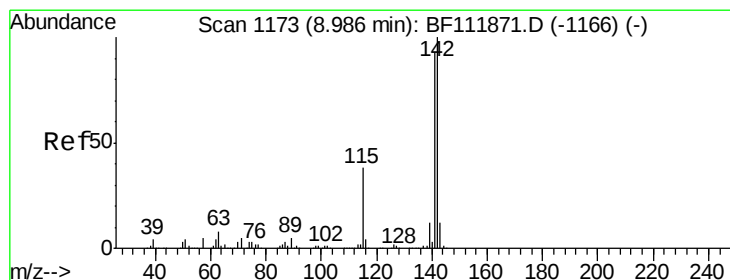
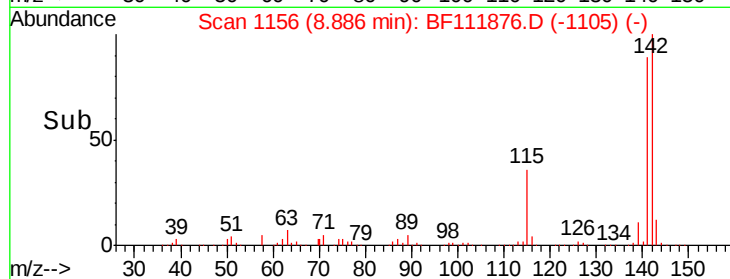
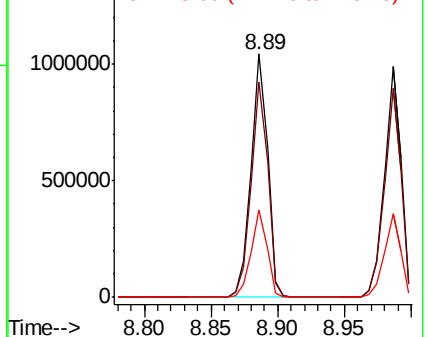
142 100

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

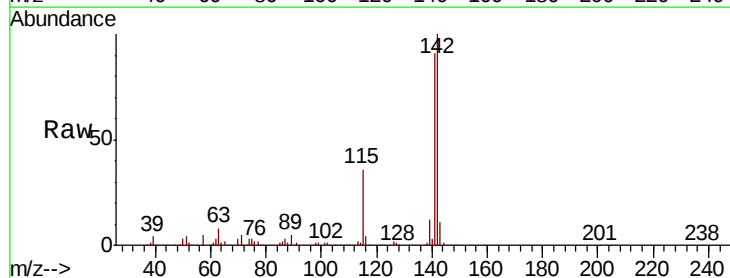
Tgt Ion:142 Resp: 850068

Ion Ratio Lower Upper

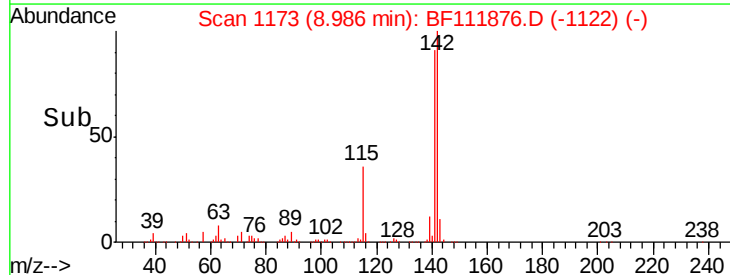
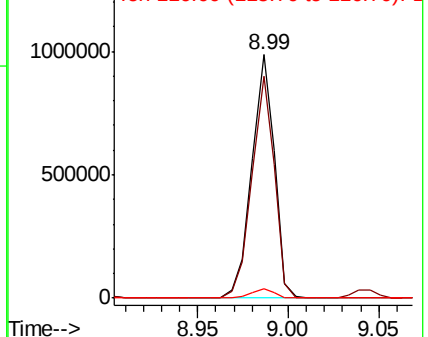
142 100

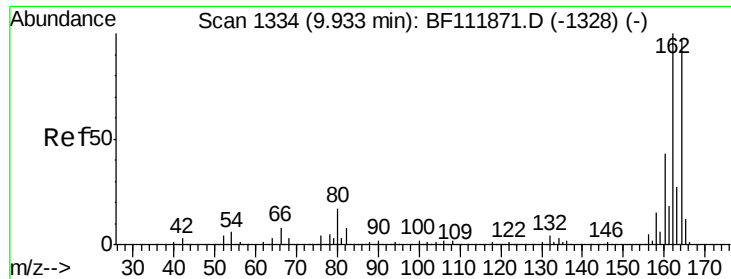
141 91.0 74.8 112.2

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

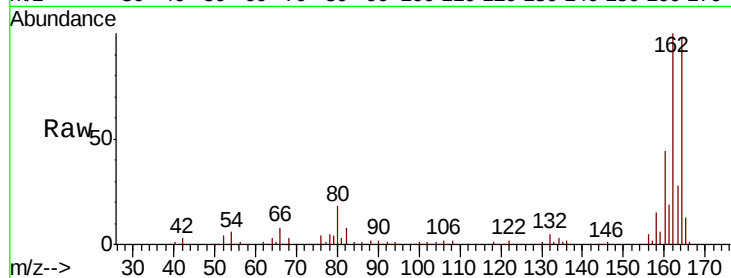




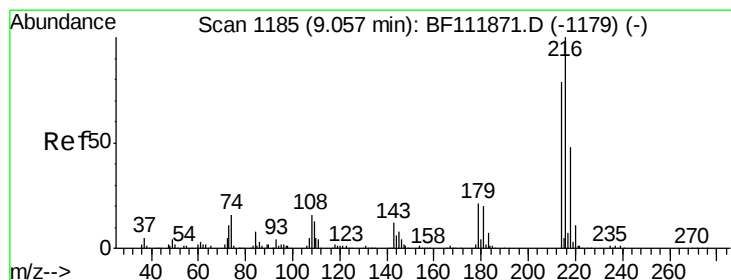
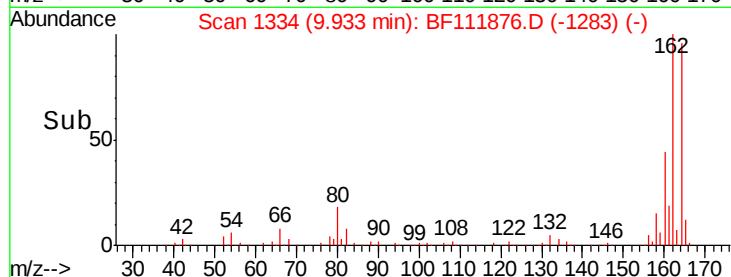
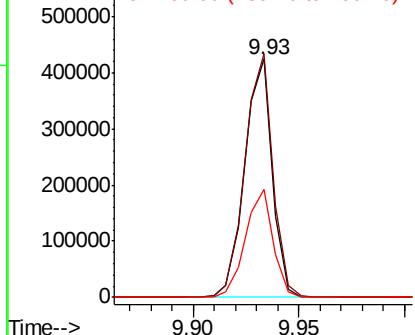
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampled :

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

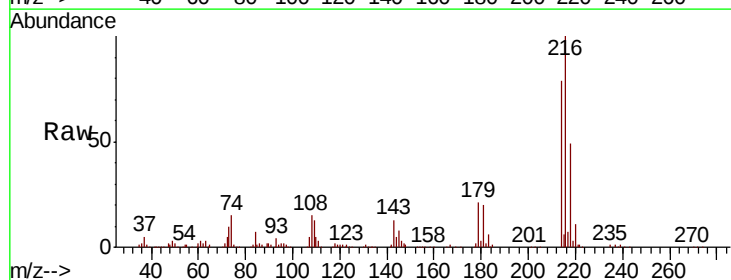


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

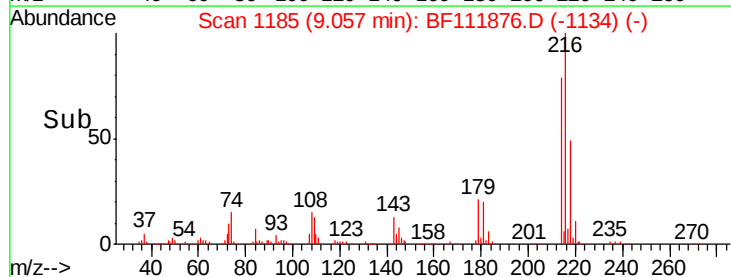
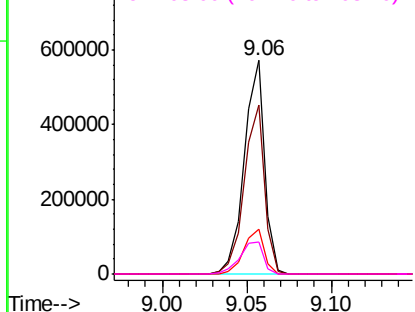


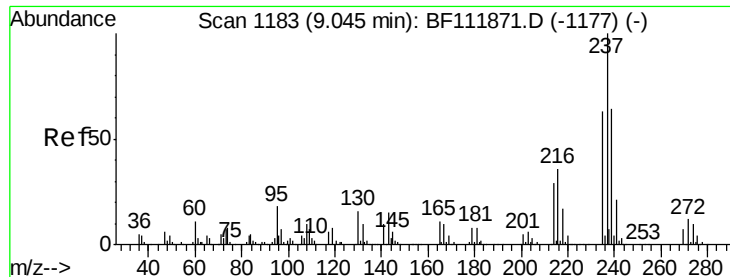
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.381 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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 :

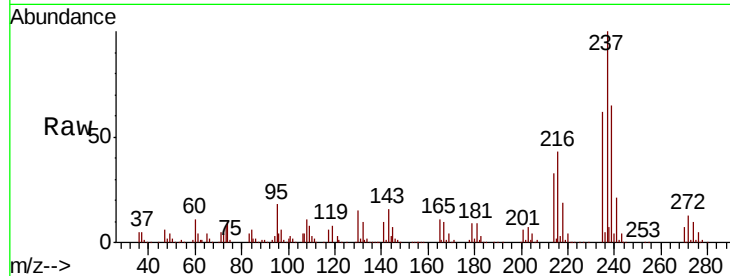
Tot Ion:237 Resp: 281525

Ion Ratio Lower Upper

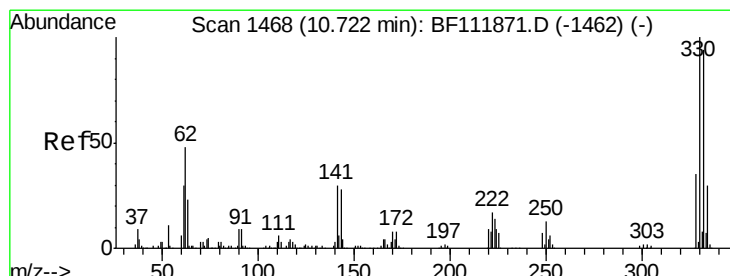
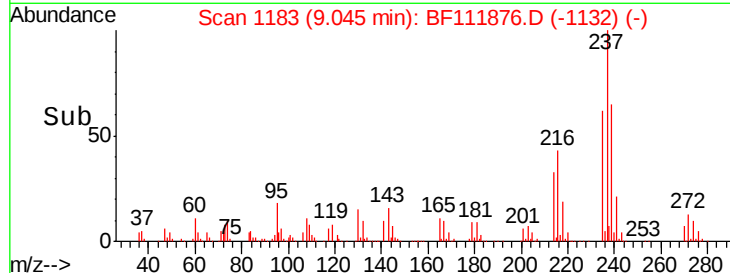
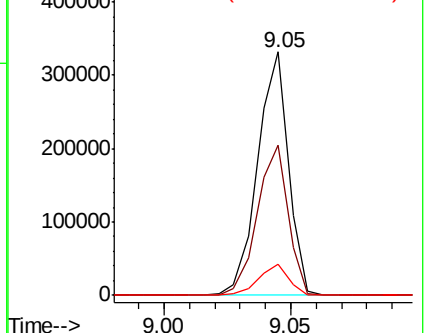
237 100

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

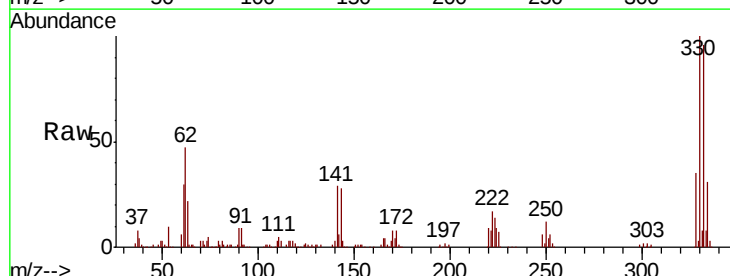
Tgt Ion:330 Resp: 368909

Ion Ratio Lower Upper

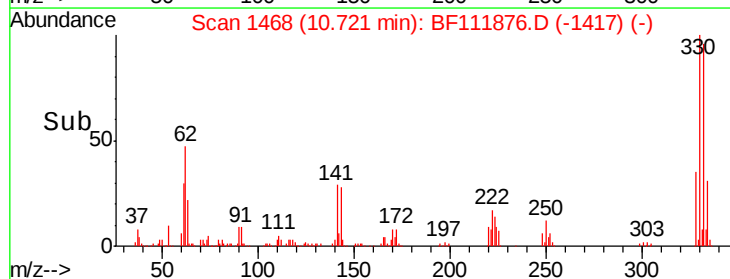
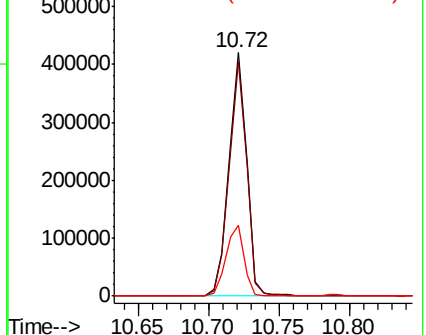
330 100

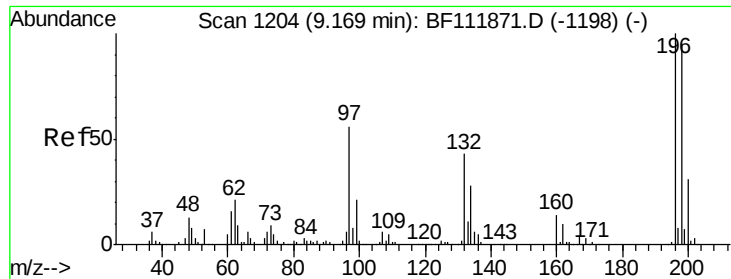
332 96.4 76.9 115.3

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

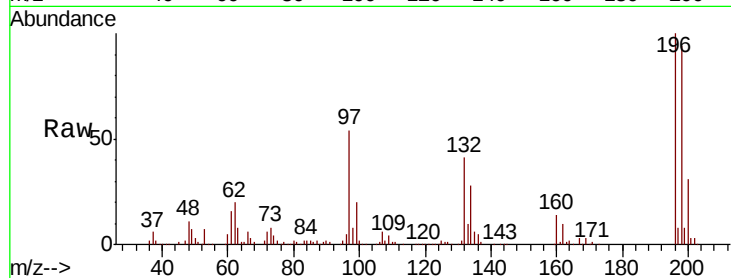




#43
 2,4,6-Trichlorophenol
 Concen: 38.575 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampled :

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

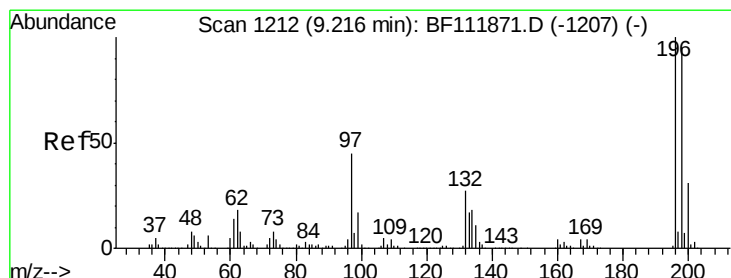
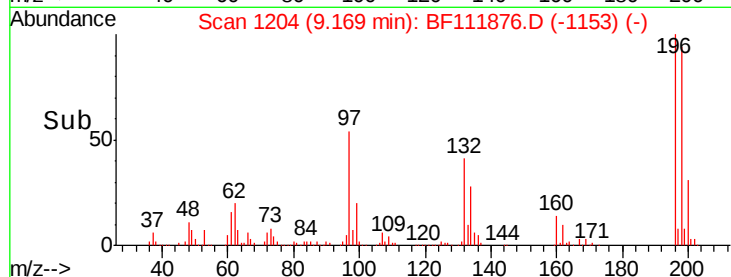
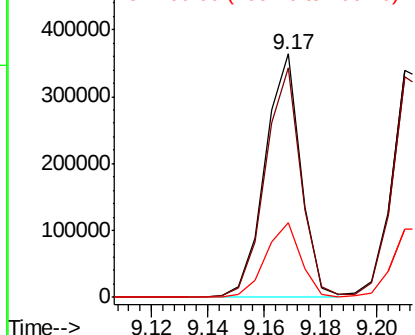


Abundance

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

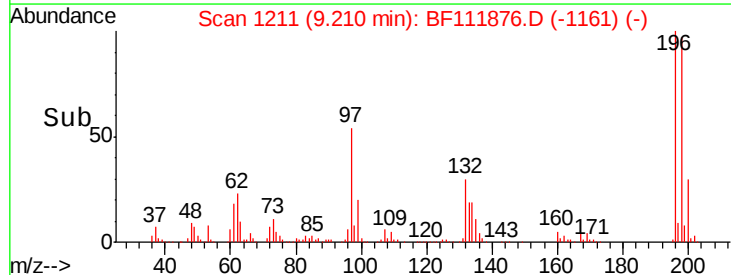
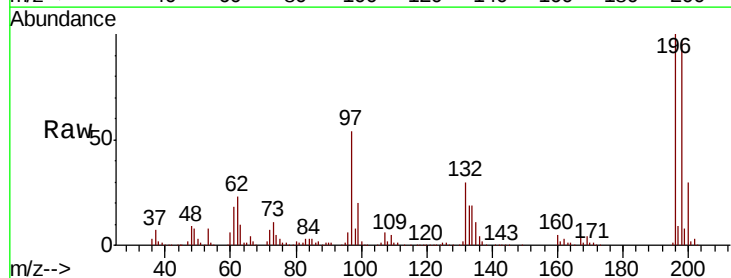
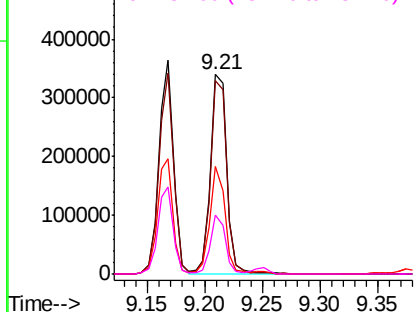
Abundance

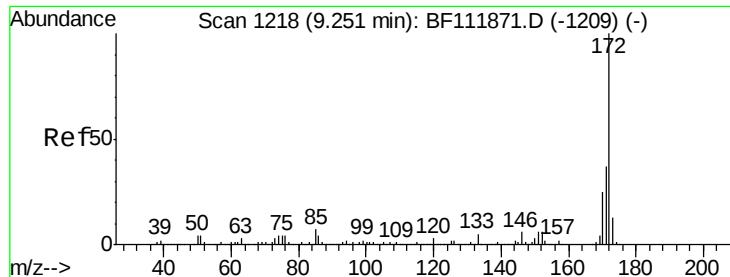
Ion 196.00 (195.70 to 196.70): E

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

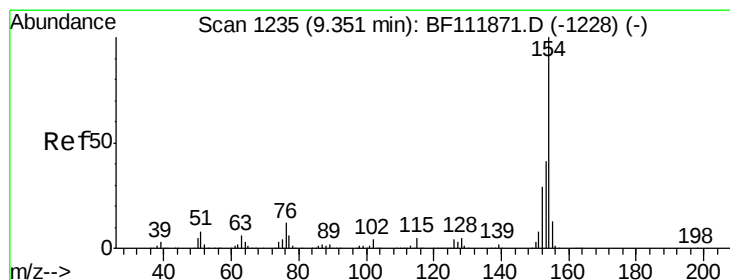
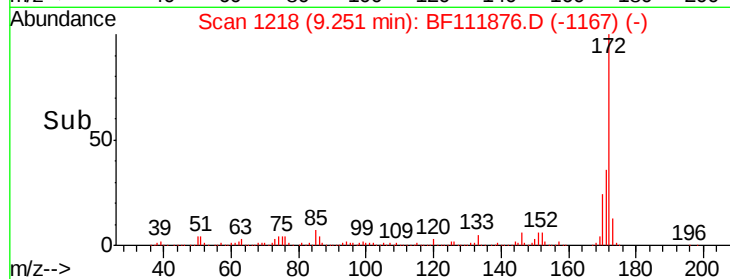
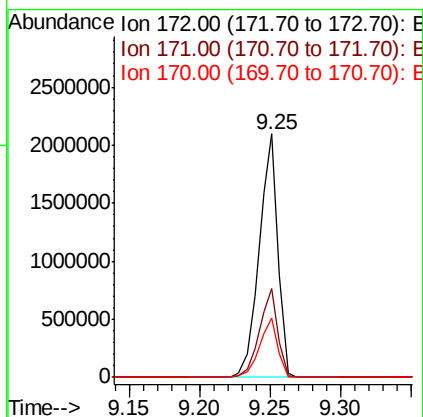
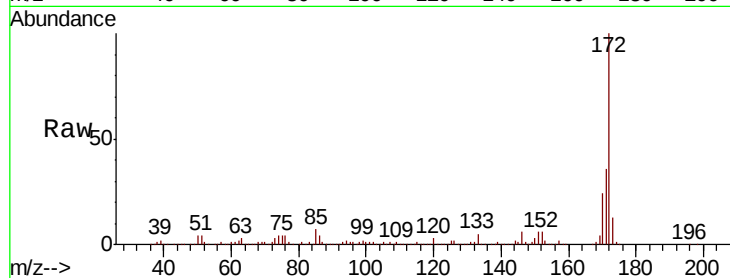




#45
2-Fluorobiphenyl
Concen: 74.781 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

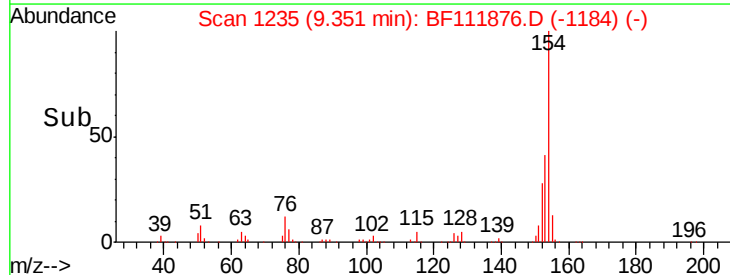
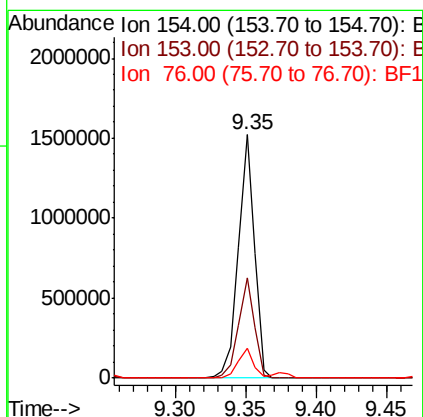
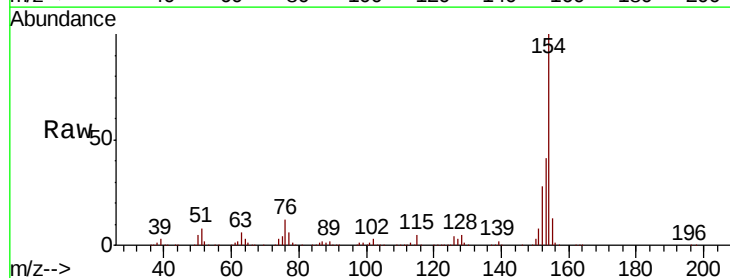
Instrument :
BNA_F
ClientSampleId :

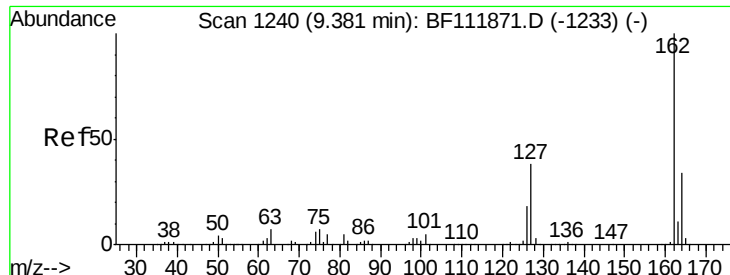
Tot Ion:172 Resp: 1961620
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.5 19.8 29.8



#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

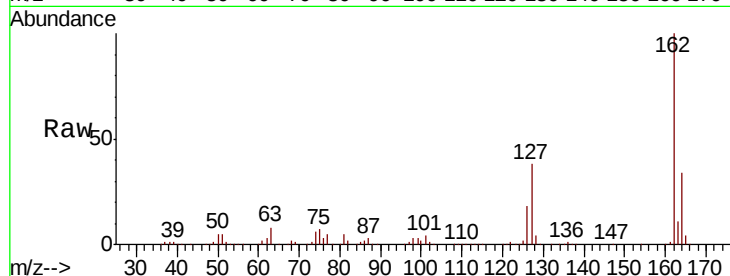




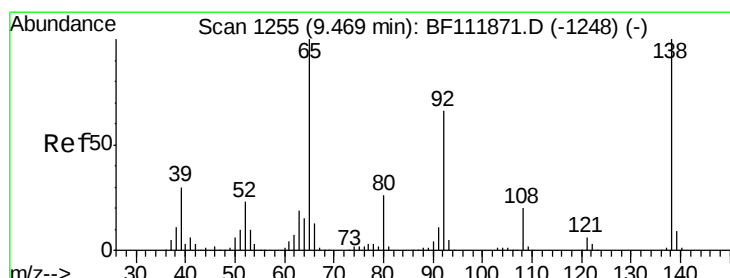
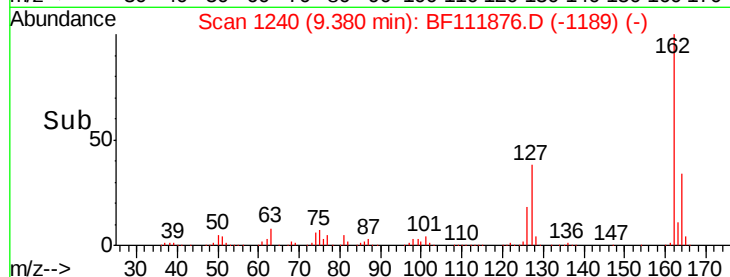
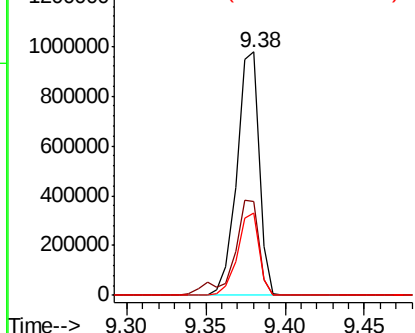
#47
 2-Chloronaphthalene
 Concen: 38.098 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 956707
 Ion Ratio Lower Upper
 162 100
 127 38.4 31.2 46.8
 164 34.0 27.0 40.6

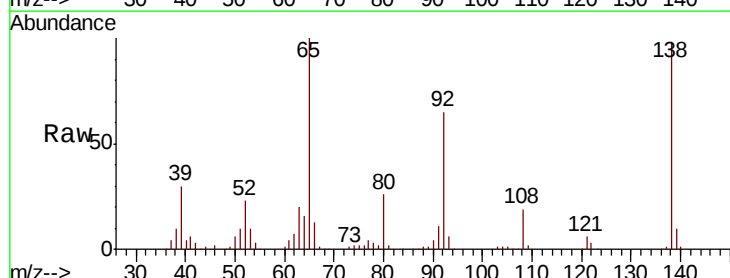


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

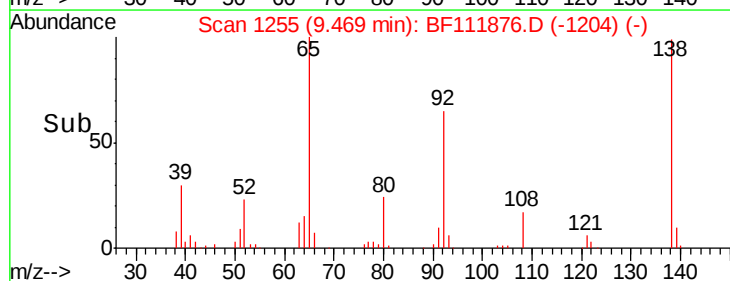
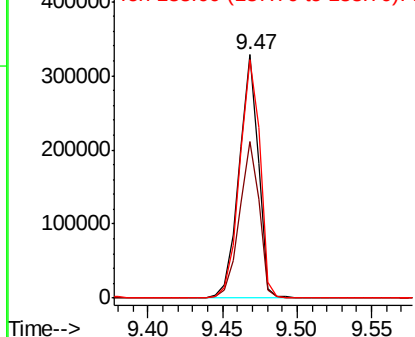


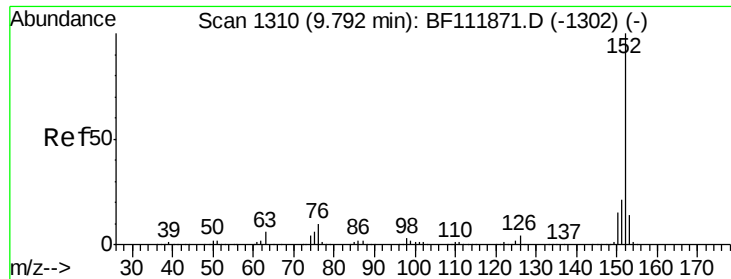
#48
 2-Nitroaniline
 Concen: 38.751 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Tgt Ion: 65 Resp: 297509
 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 :

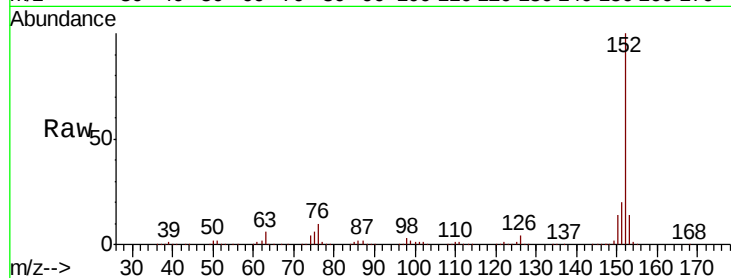
Tot Ion:152 Resp: 1408229

Ion Ratio Lower Upper

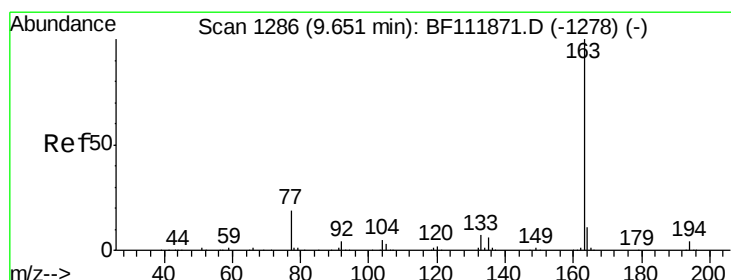
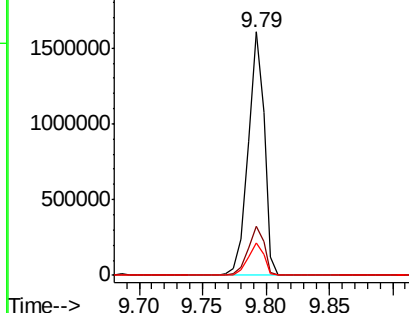
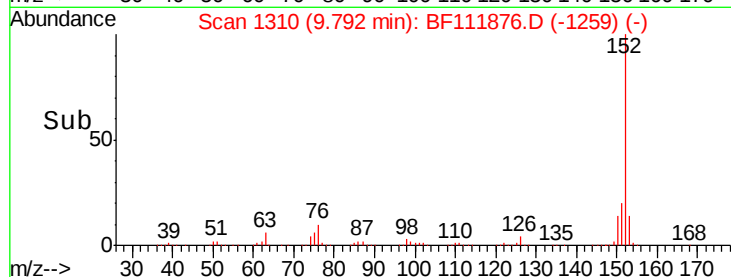
152 100

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

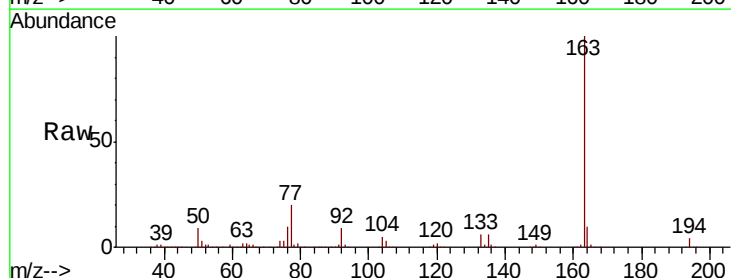
Tgt Ion:163 Resp: 1080345

Ion Ratio Lower Upper

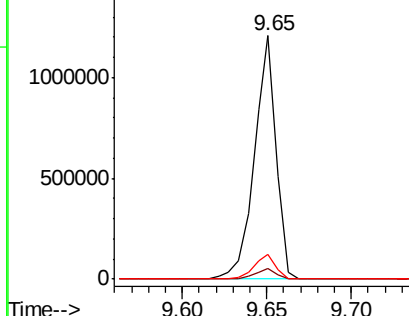
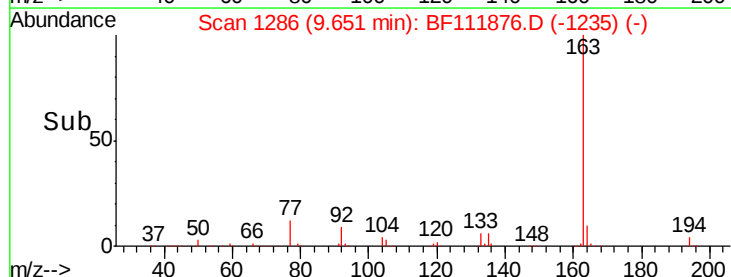
163 100

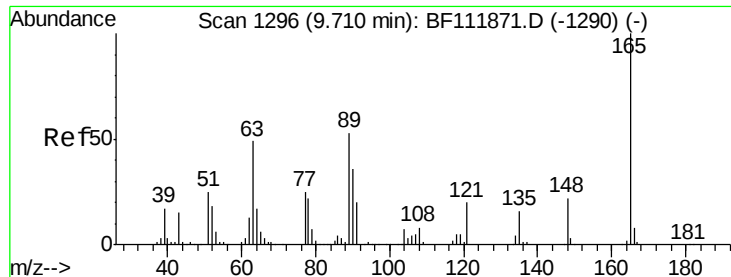
194 4.2 3.4 5.2

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 :

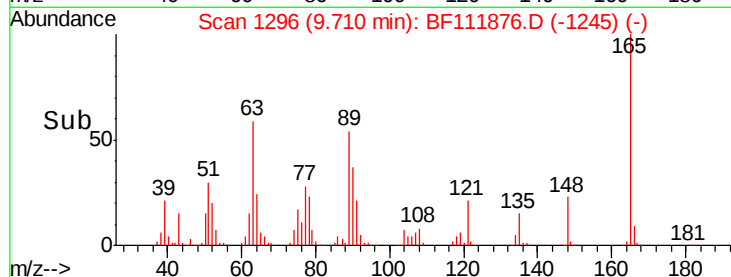
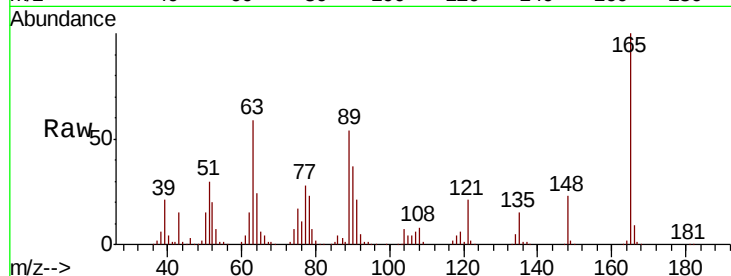
Tot Ion:165 Resp: 245340

Ion Ratio Lower Upper

165 100

63 58.7 46.2 69.2

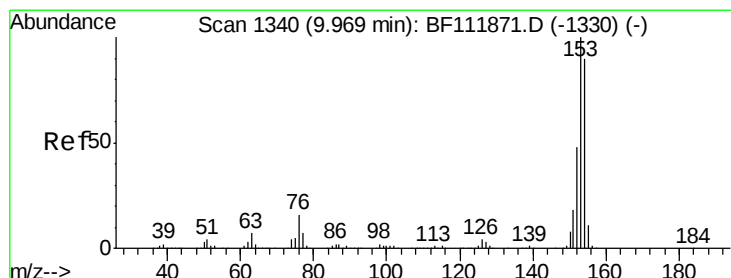
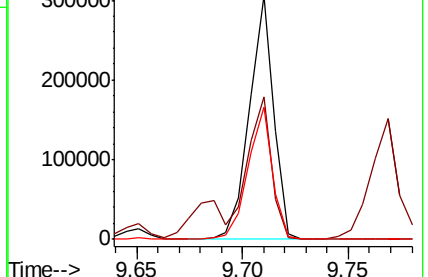
89 54.1 42.2 63.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#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

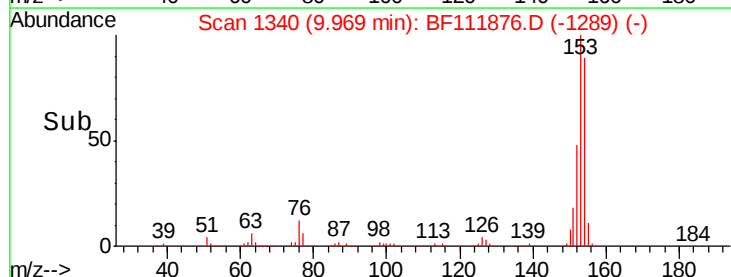
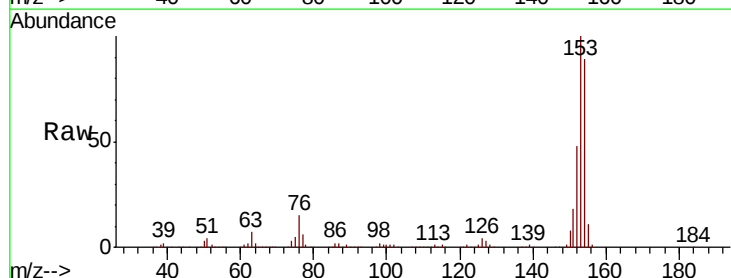
Tgt Ion:154 Resp: 901929

Ion Ratio Lower Upper

154 100

153 112.0 89.4 134.0

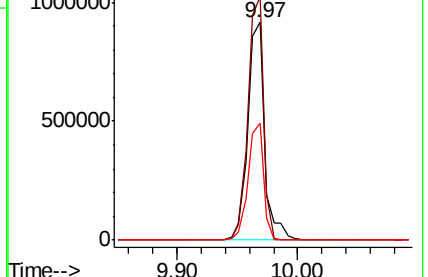
152 53.7 43.1 64.7

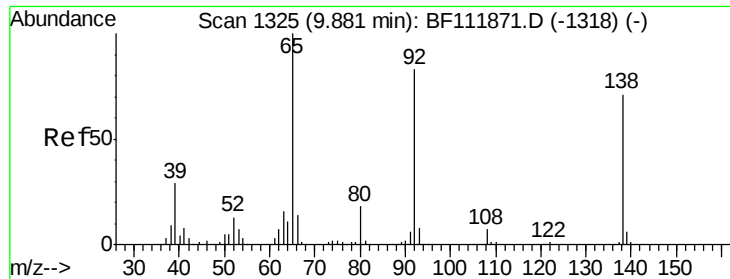


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

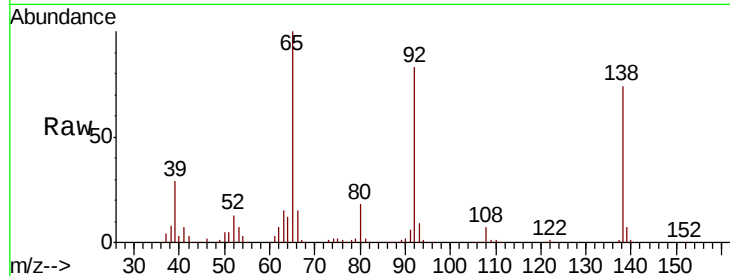




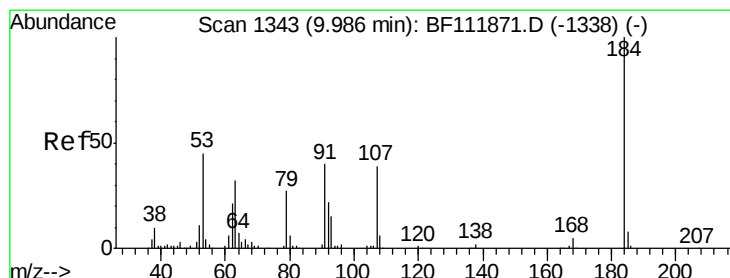
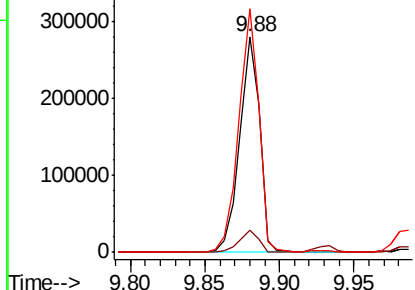
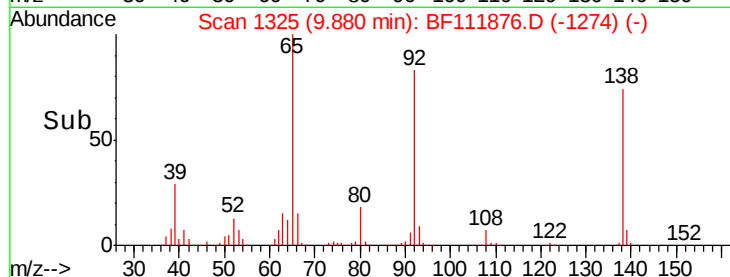
#53
3-Nitroaniline
Concen: 38.200 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 262859
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.4
92 112.9 93.5 140.3

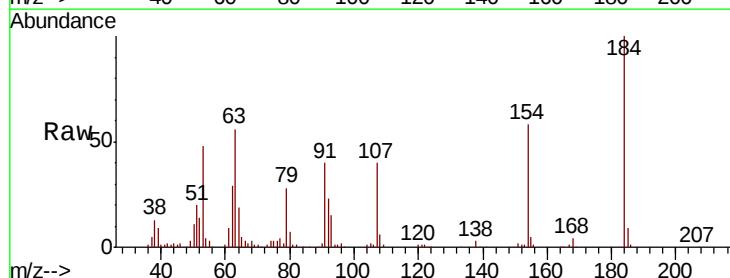


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

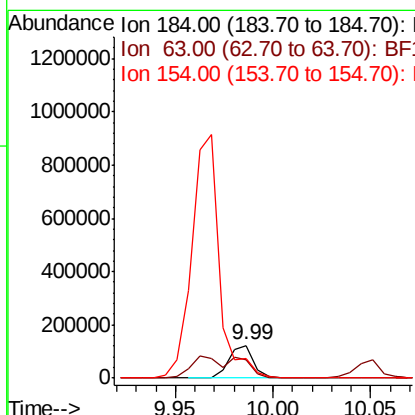
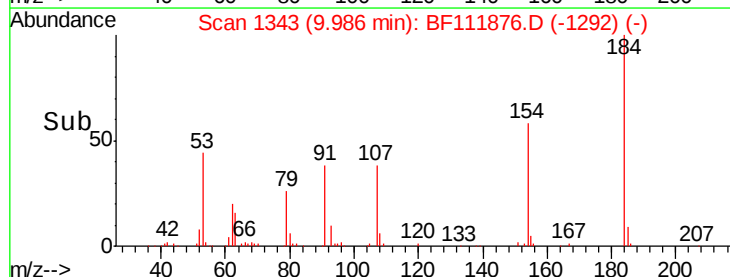


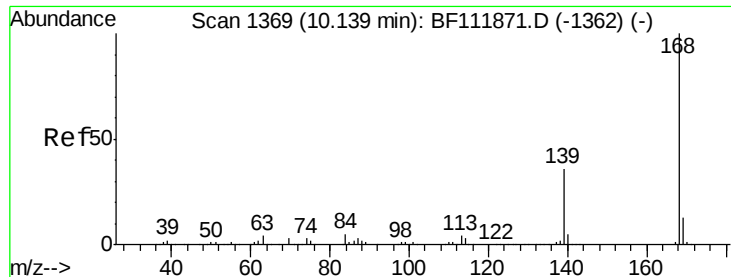
#54
2,4-Dinitrophenol
Concen: 40.656 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Tgt Ion:184 Resp: 110616
Ion Ratio Lower Upper
184 100
63 56.1 46.9 70.3
154 58.0 46.9 70.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

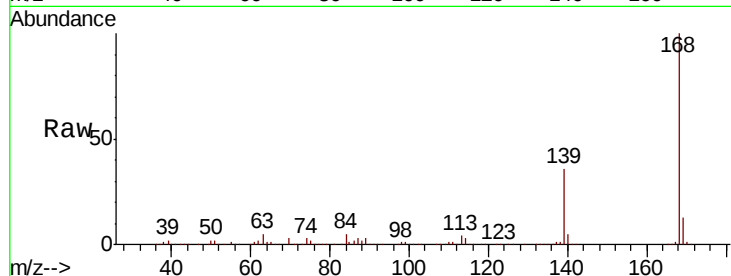




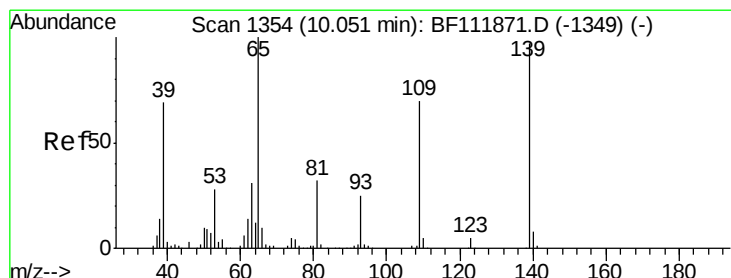
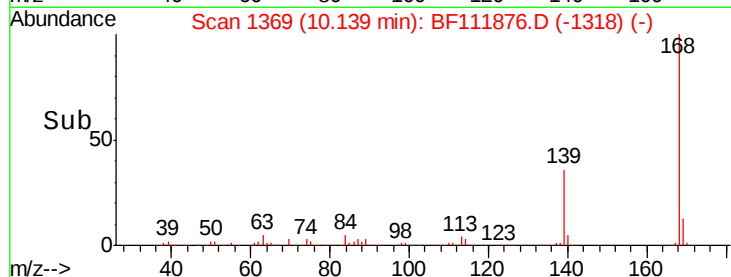
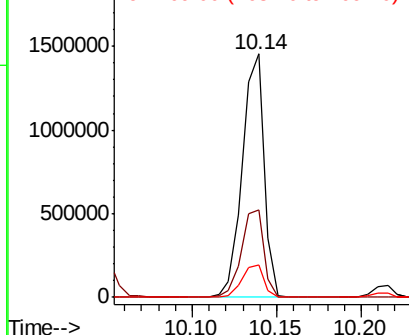
#55
Dibenzofuran
Concen: 37.648 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

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

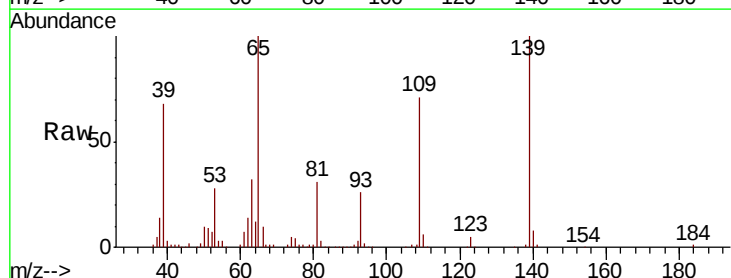


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

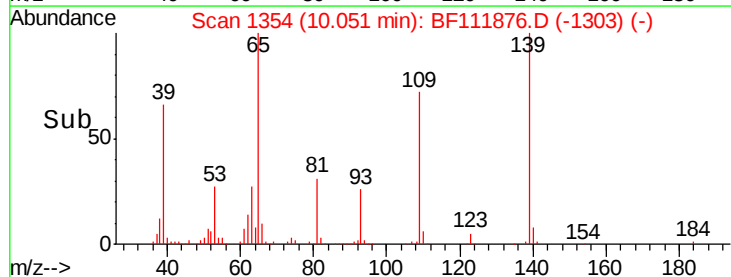
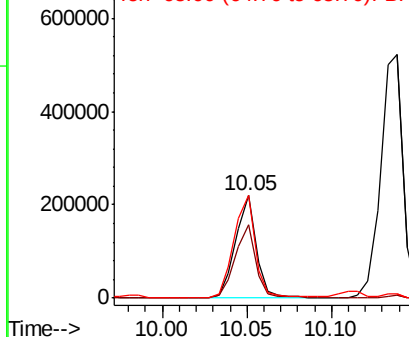


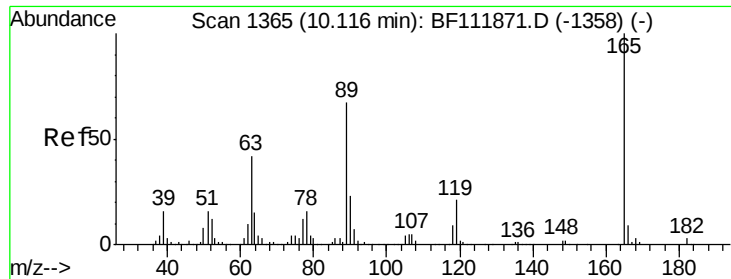
#56
4-Nitrophenol
Concen: 39.098 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

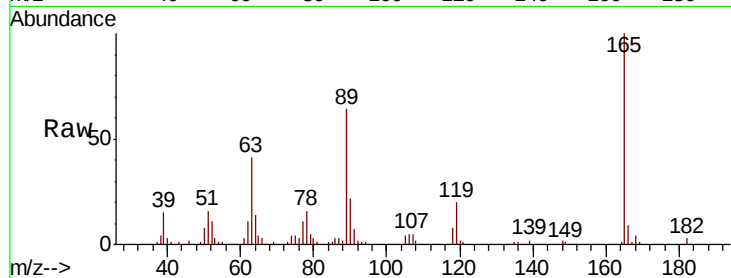




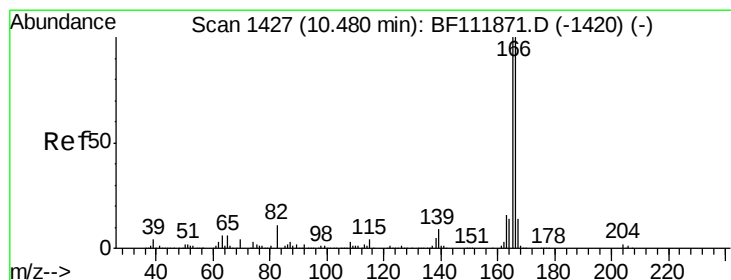
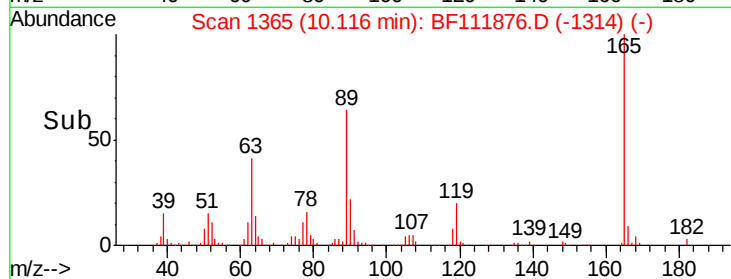
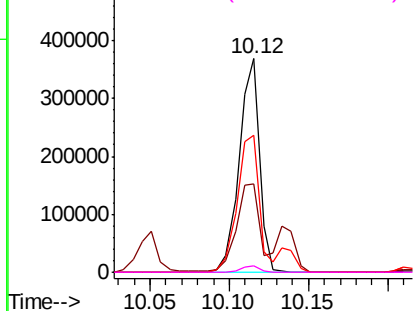
#57
2,4-Dinitrotoluene
Concen: 39.172 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot 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

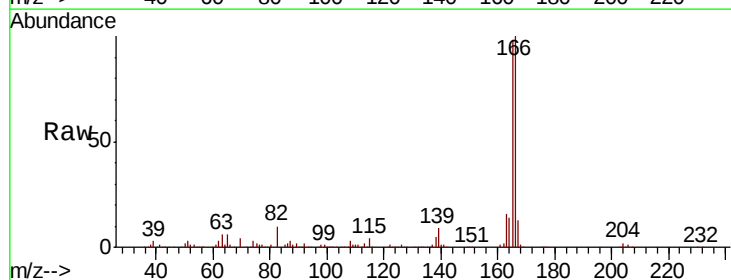


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

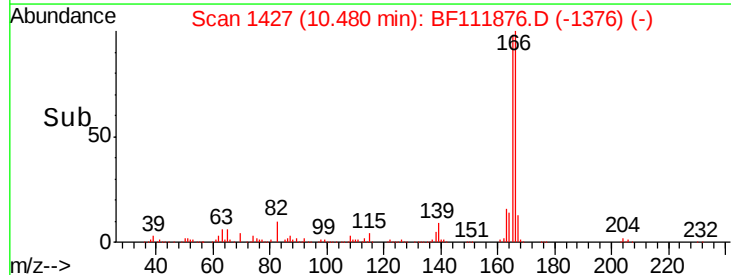
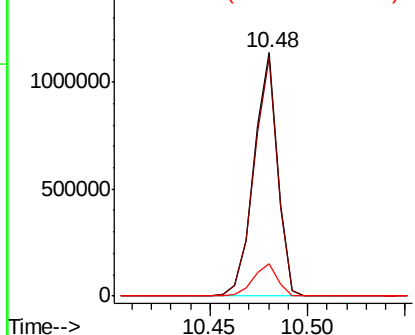


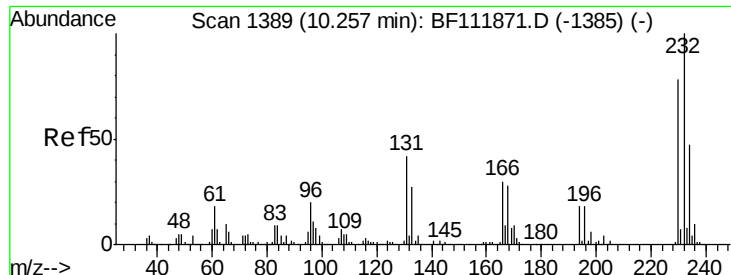
#58
Fluorene
Concen: 37.692 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

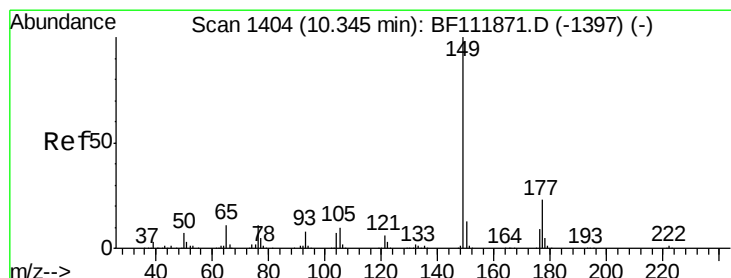
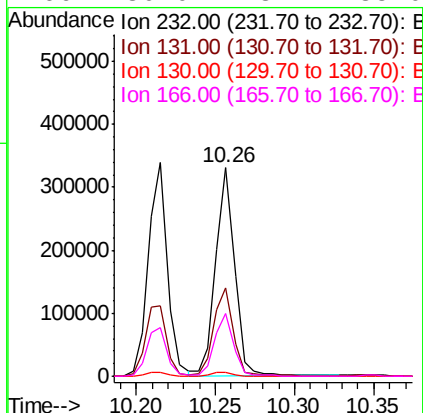
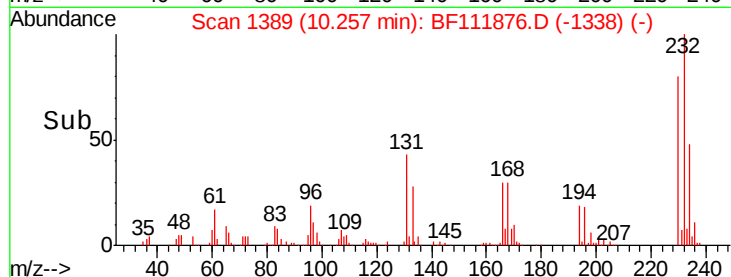
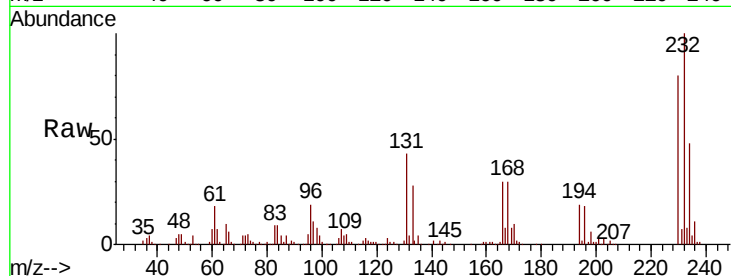




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.991 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

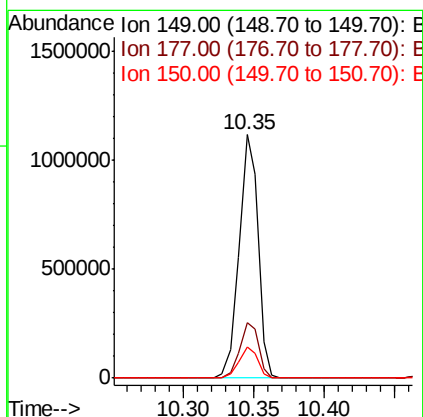
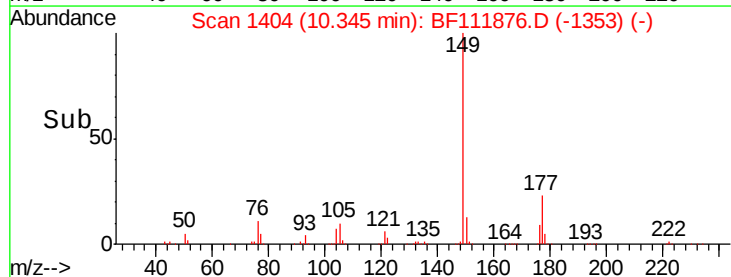
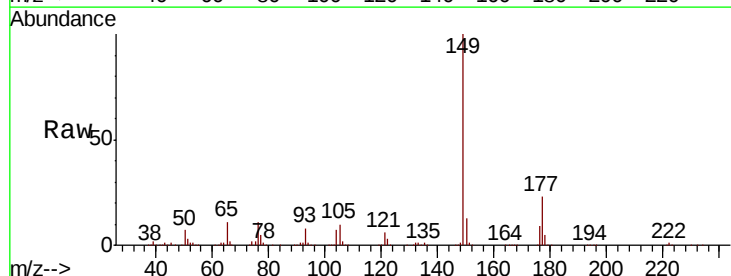
Instrument :
BNA_F
ClientSampleId :

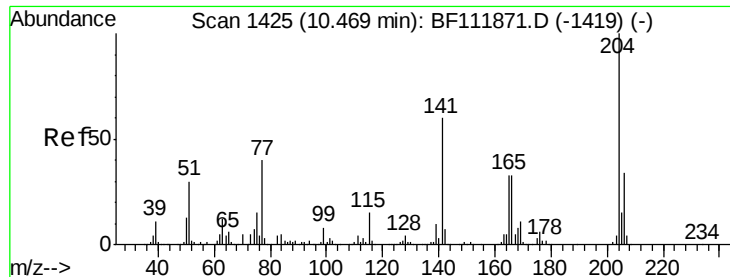
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	34.0	51.0
130	2.1	1.6	2.4
166	30.0	23.4	35.0



#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

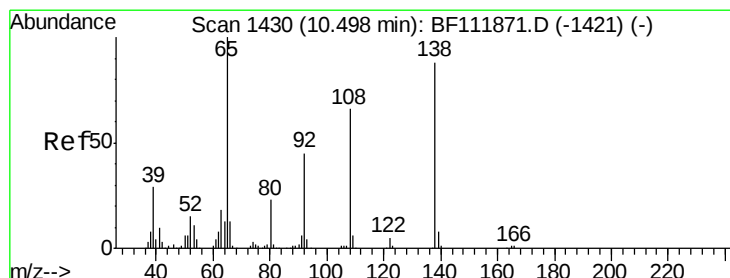
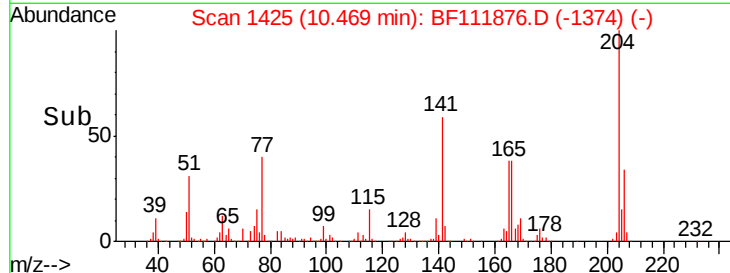
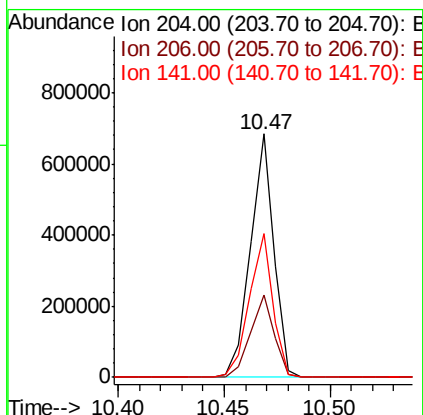
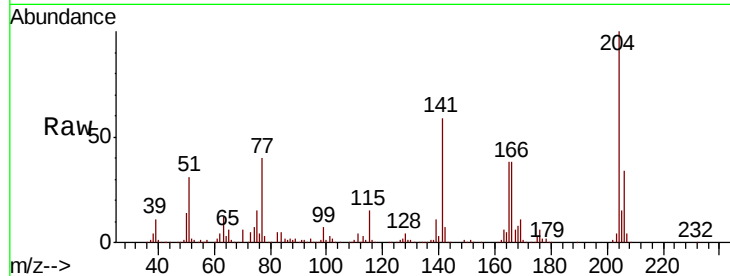




#61
 4-Chlorophenyl-phenylether
 Concen: 37.249 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

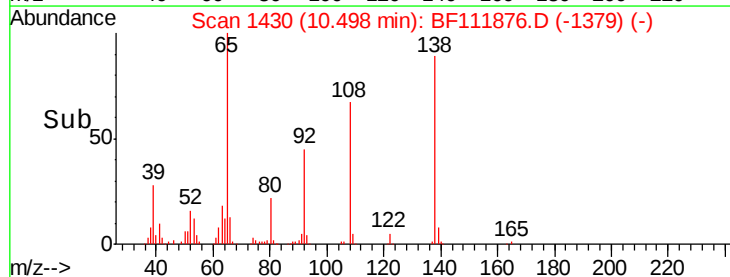
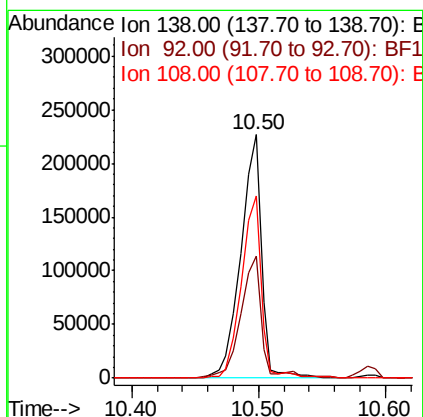
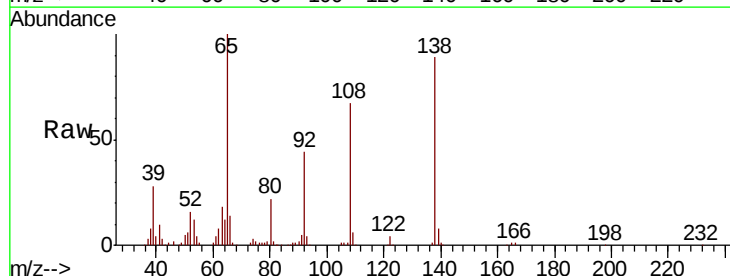
Instrument :
 BNA_F
 ClientSampled :

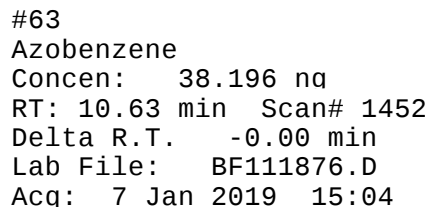
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	59.1	47.9	71.9



#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

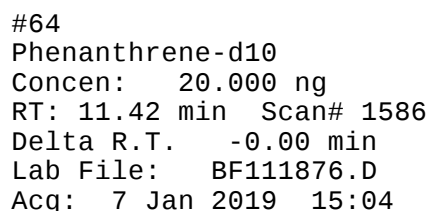
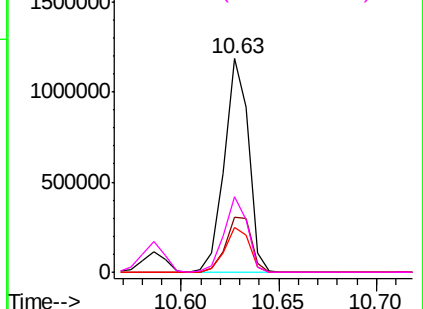
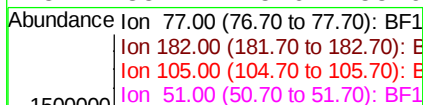
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.0	71.0
108	75.0	54.7	94.7



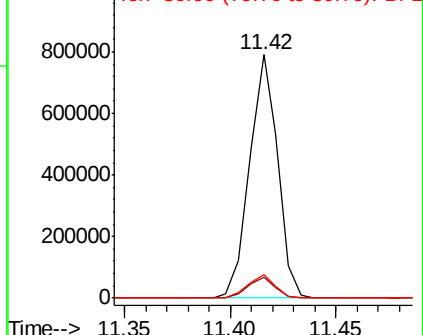
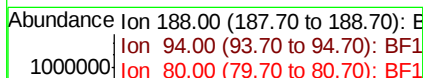


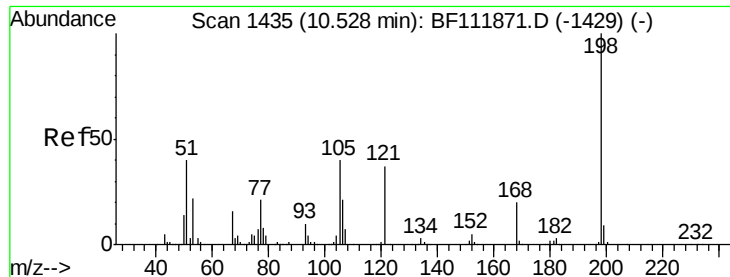
Instrument :
BNA_F
ClientSampleId :

Tat	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



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

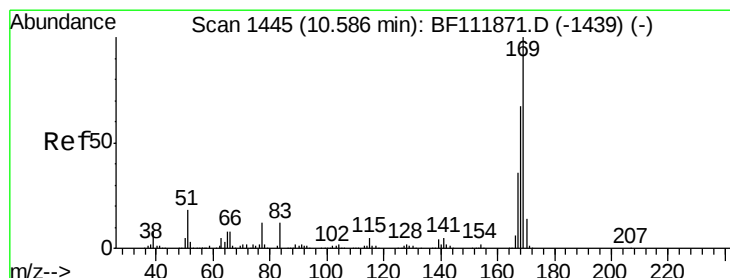
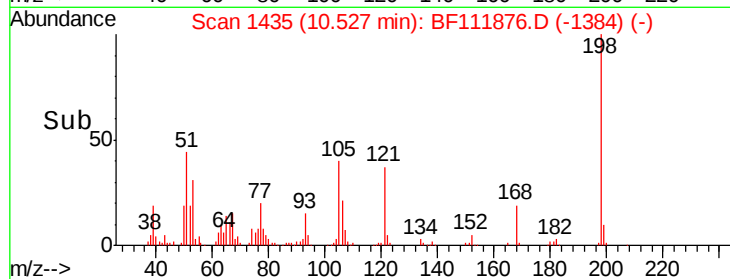
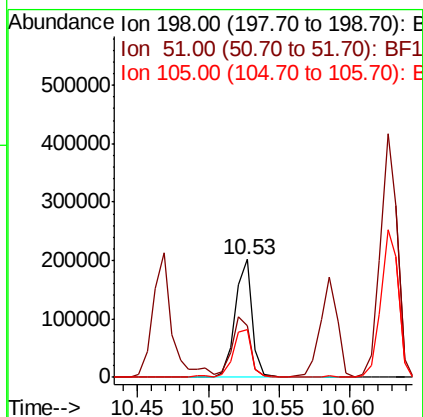
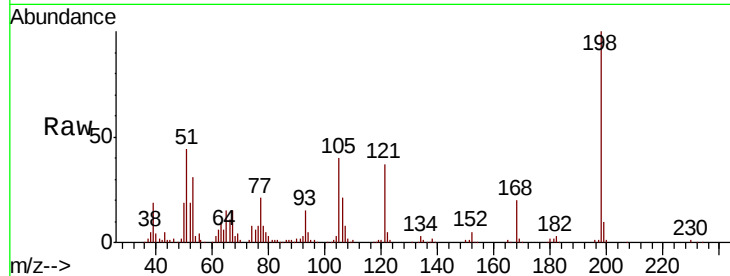




#65
4,6-Dinitro-2-methylphenol
Concen: 37.652 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

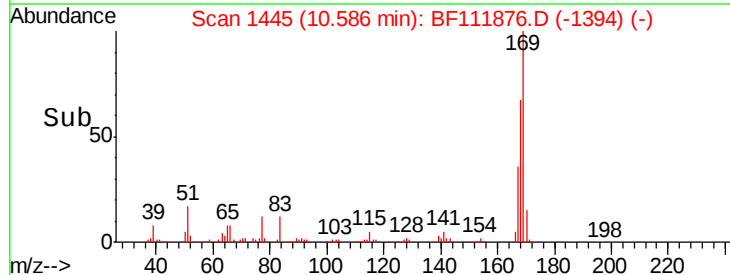
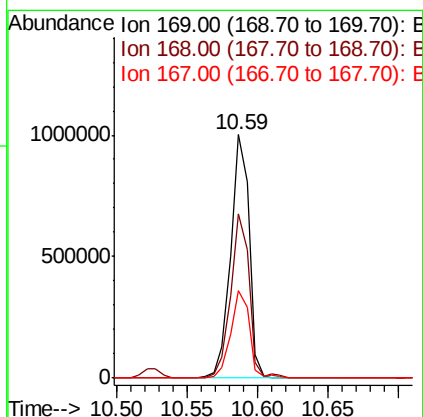
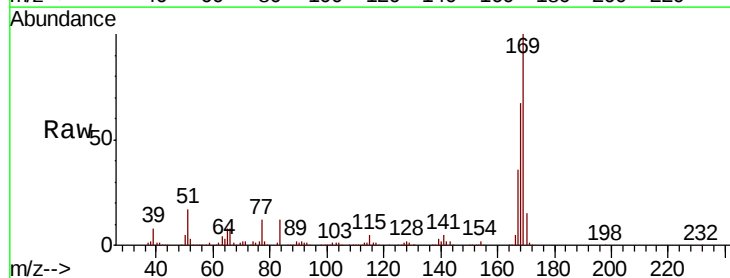
Instrument :
BNA_F
ClientSampleId :

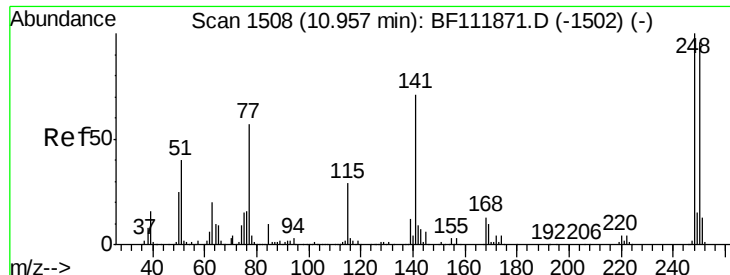
Tot Ion:198 Resp: 169728
Ion Ratio Lower Upper
198 100
51 43.9 27.2 67.2
105 40.4 21.0 61.0



#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

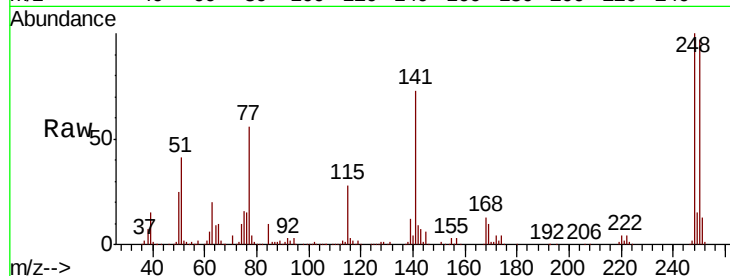




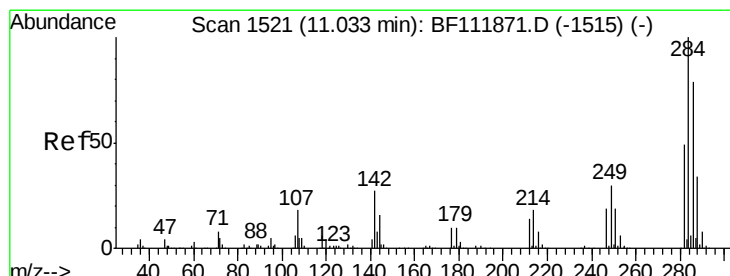
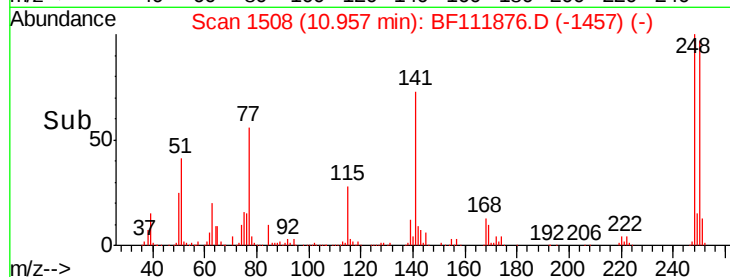
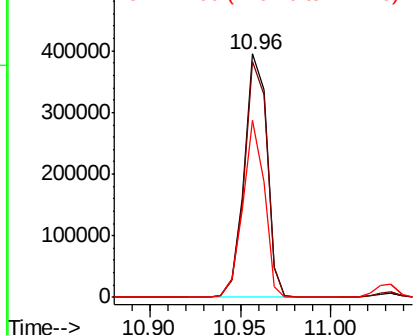
#67
4-Bromophenyl-phenylether
Concen: 36.429 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

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

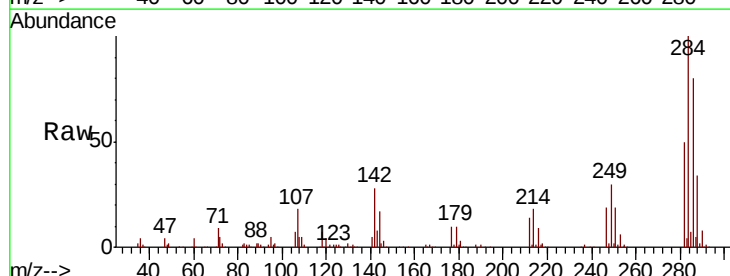


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

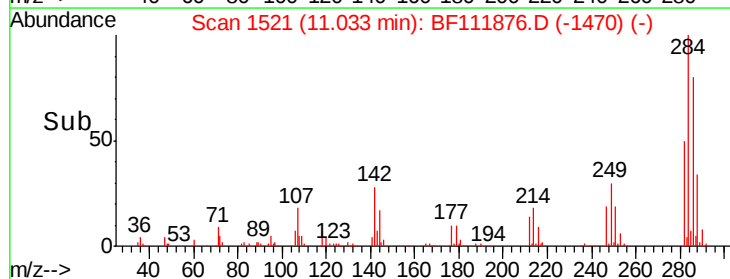
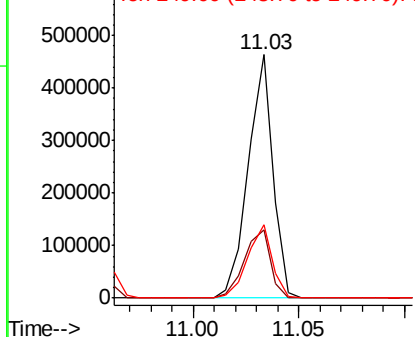


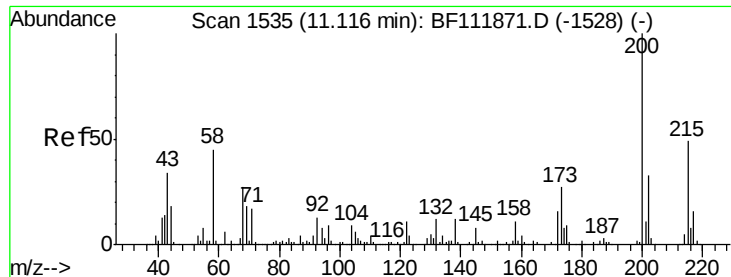
#68
Hexachlorobenzene
Concen: 36.055 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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 :

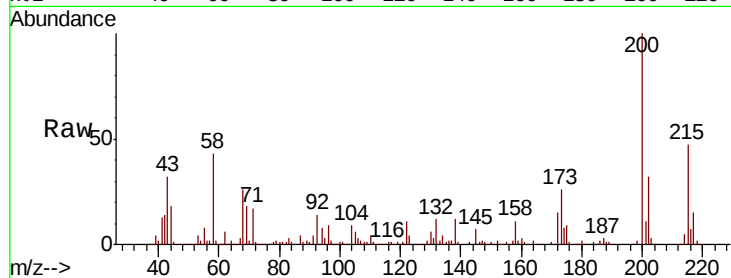
Tot Ion:200 Resp: 314409

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

215 46.7 28.9 68.9

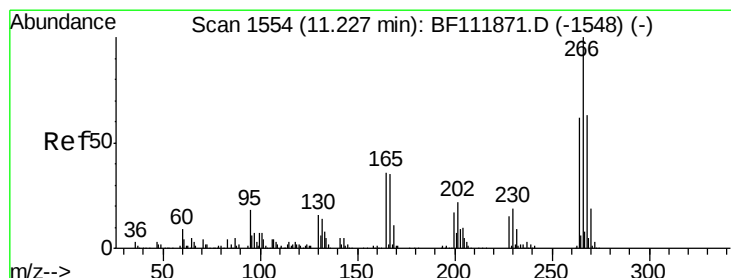
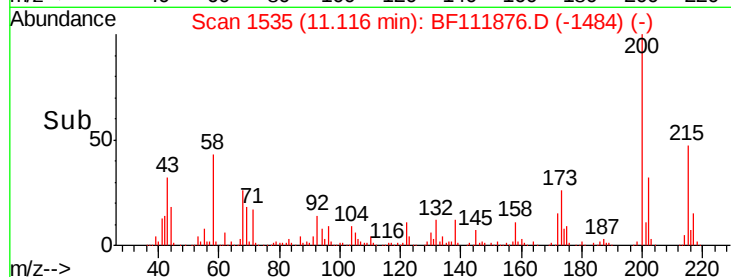
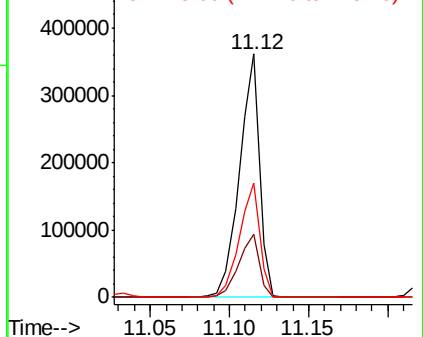


Abundance

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

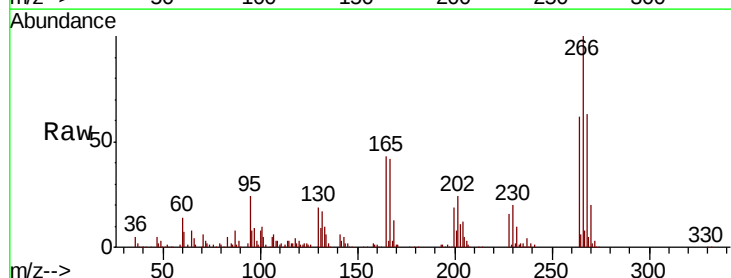
Tgt Ion:266 Resp: 230507

Ion Ratio Lower Upper

266 100

268 63.2 50.6 76.0

264 61.8 49.3 73.9

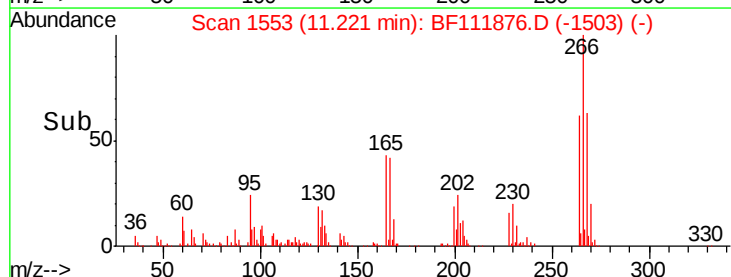
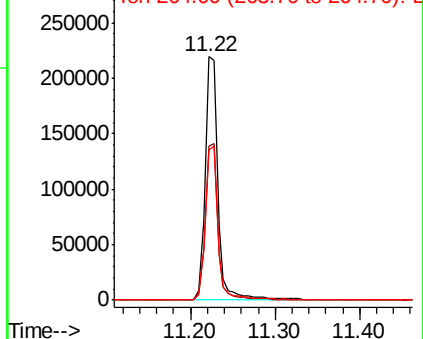


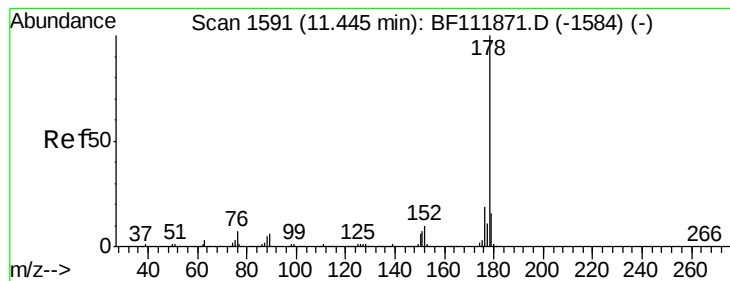
Abundance

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 :

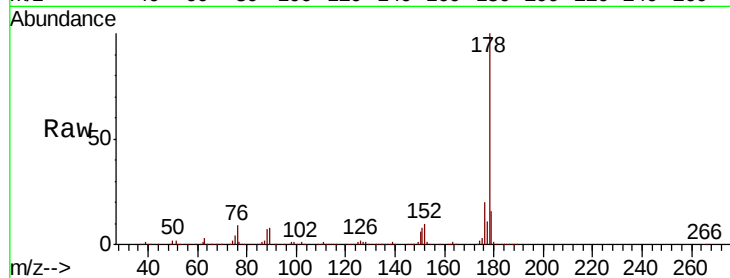
Tot Ion:178 Resp: 1426973

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

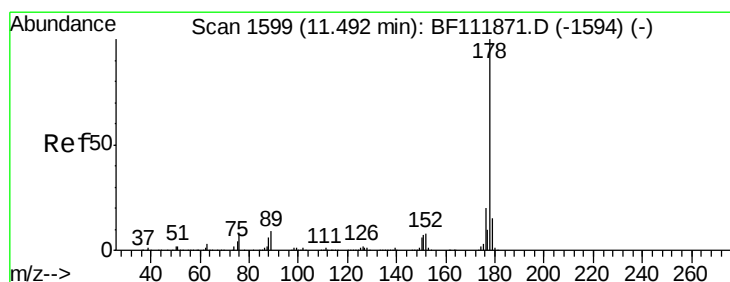
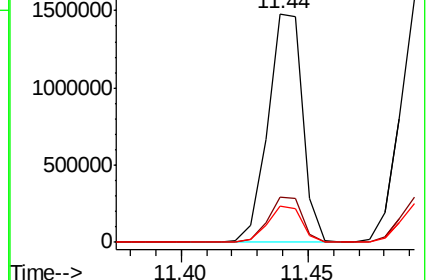
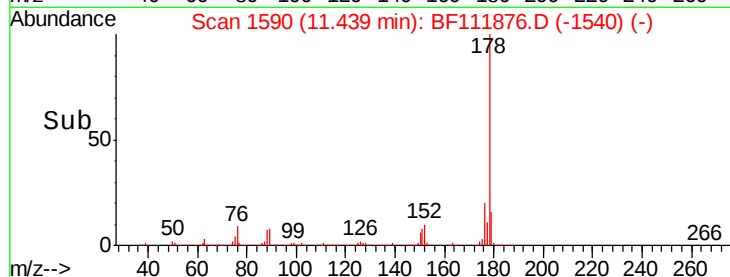
179 15.8 12.6 18.8



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

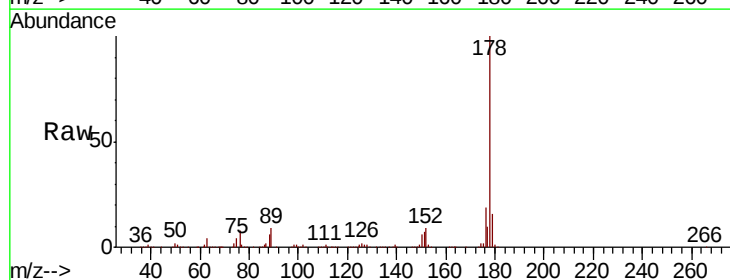
Tgt Ion:178 Resp: 1444987

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

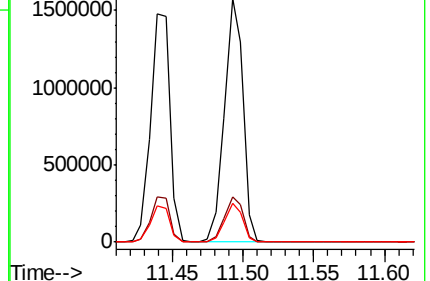
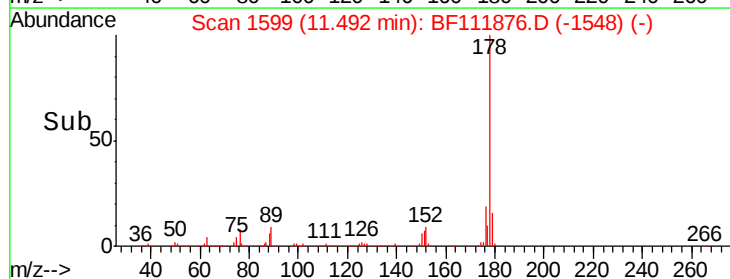
179 16.1 12.4 18.6

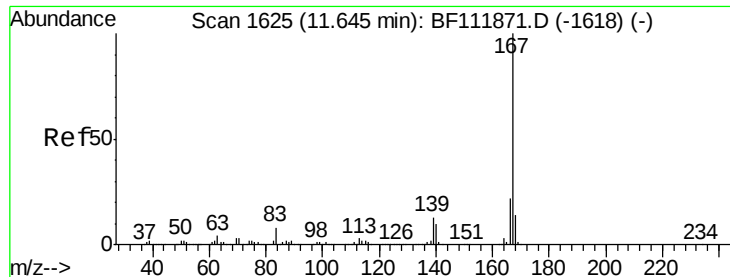


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

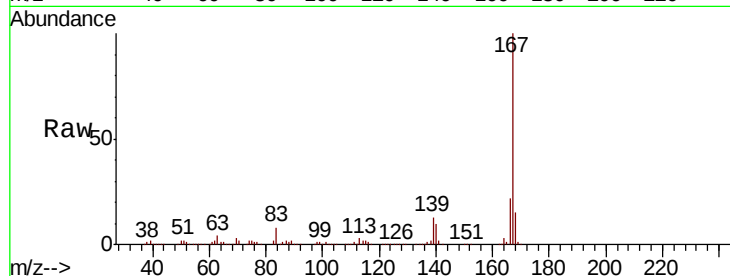




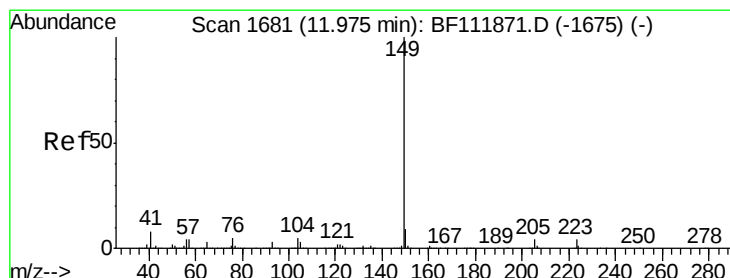
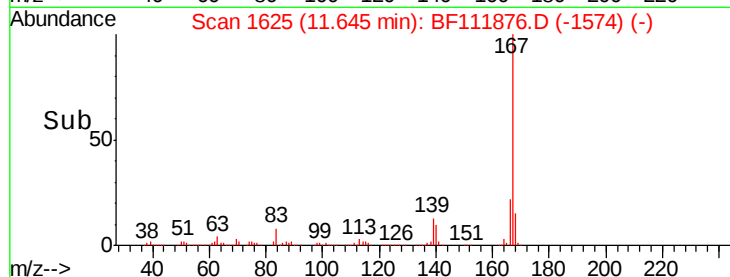
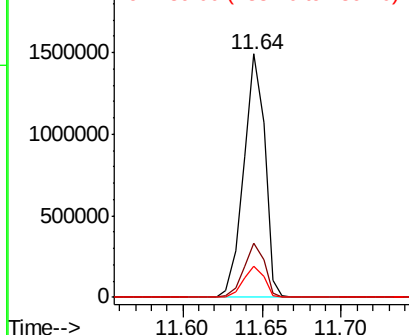
#73
 Carbazole
 Concen: 35.601 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

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

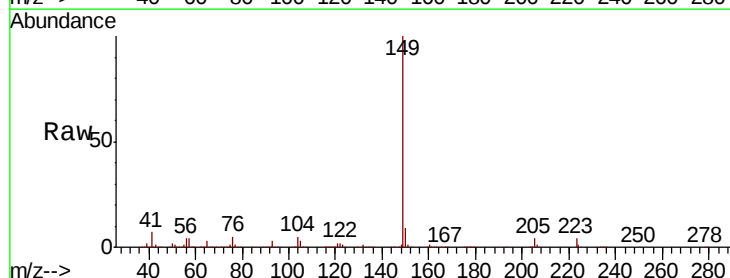


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

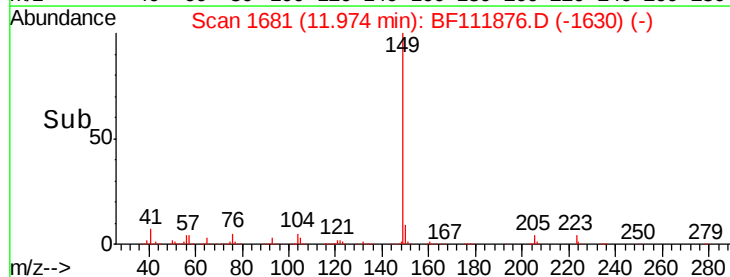
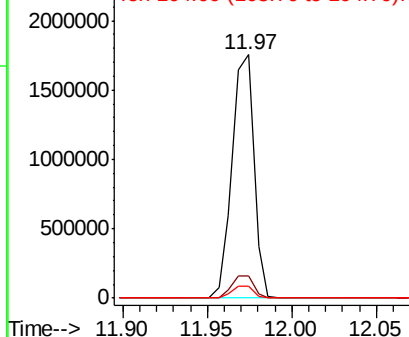


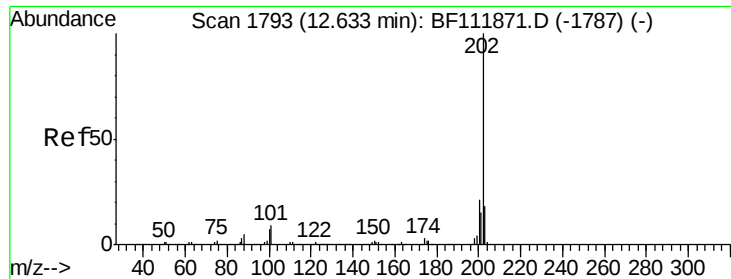
#74
 Di-n-butylphthalate
 Concen: 35.173 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111876.D
 Acq: 7 Jan 2019 15:04

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#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 :

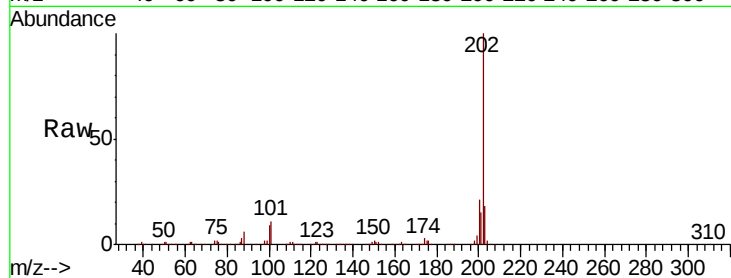
Tot Ion:202 Resp: 1454174

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

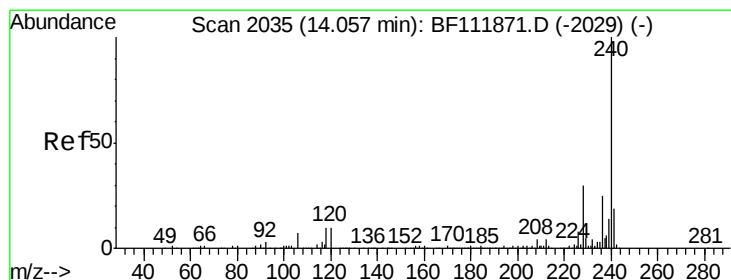
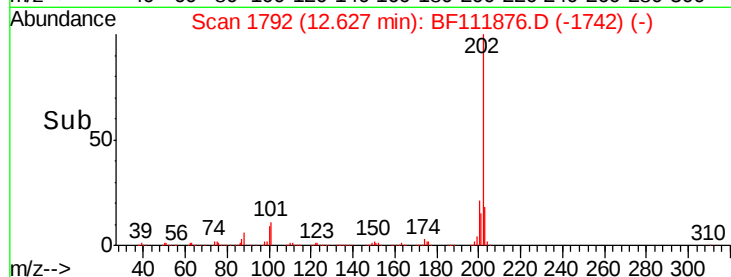
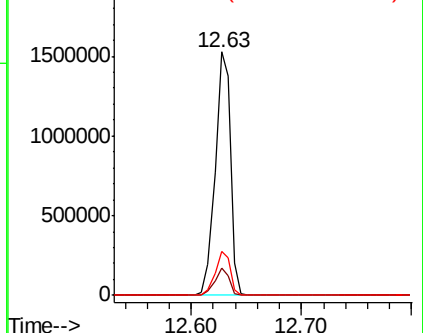
203 18.2 0.0 37.6



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

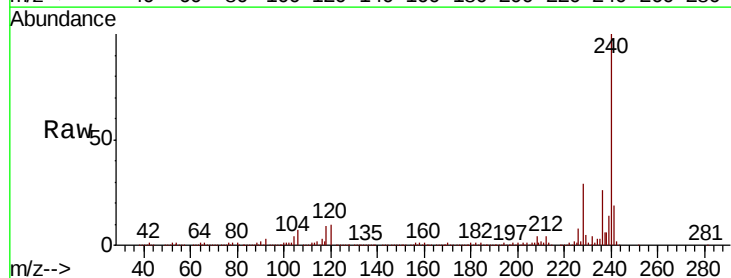
Tgt Ion:240 Resp: 572564

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

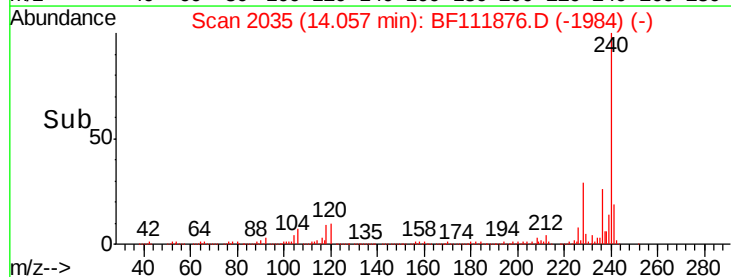
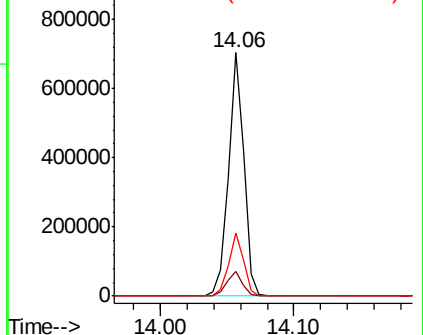
236 26.0 20.2 30.4

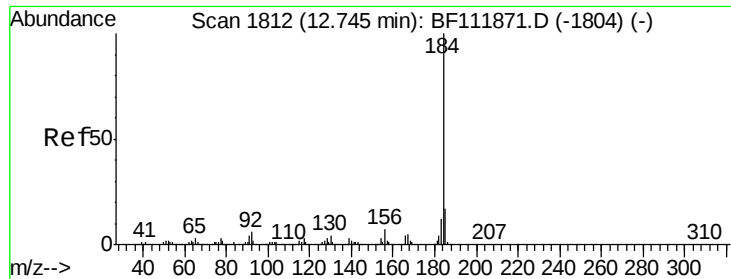


Abundance Ion 240.00 (239.70 to 240.70): E

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

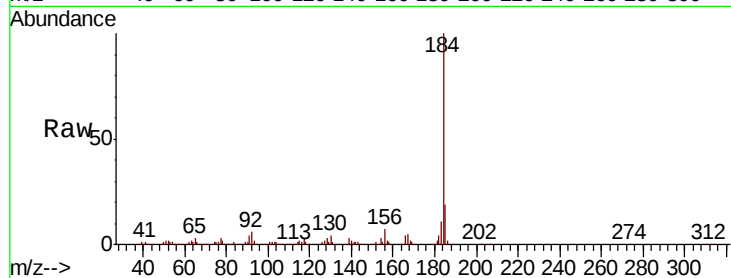
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 598153

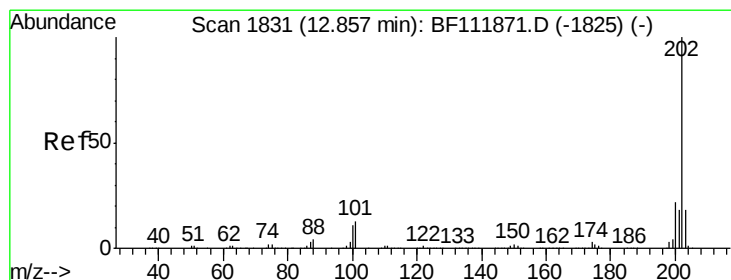
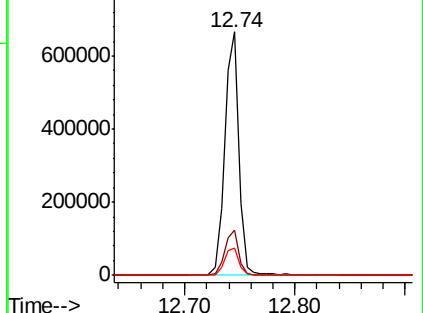
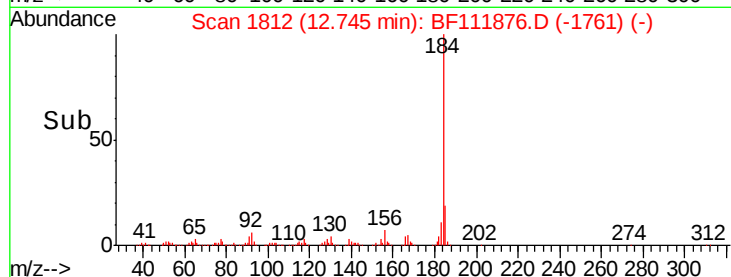
Ion	Ratio	Lower	Upper
184	100		
185	18.7	13.4	20.0
183	11.3	9.6	14.4



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

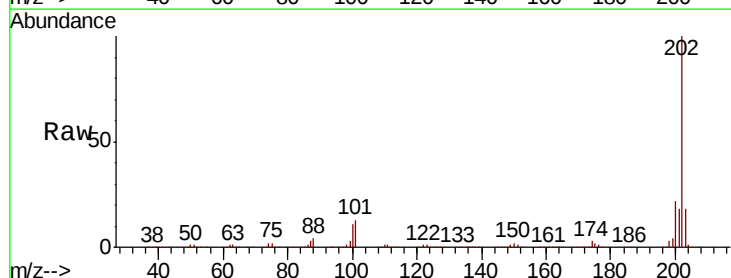
Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion:202 Resp: 1488888

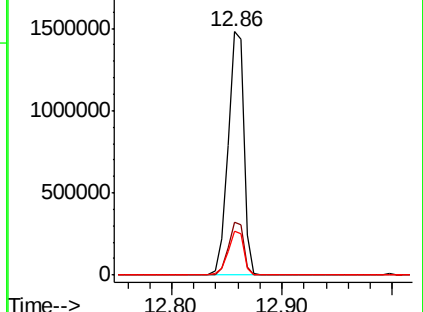
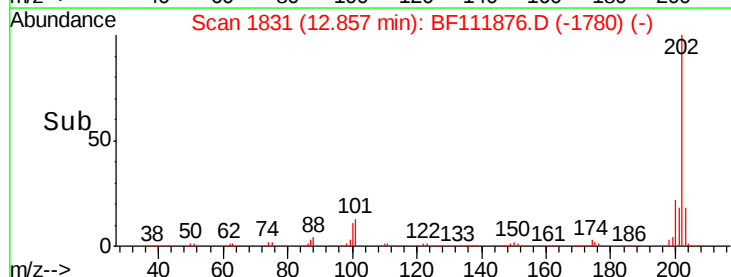
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.6	21.8

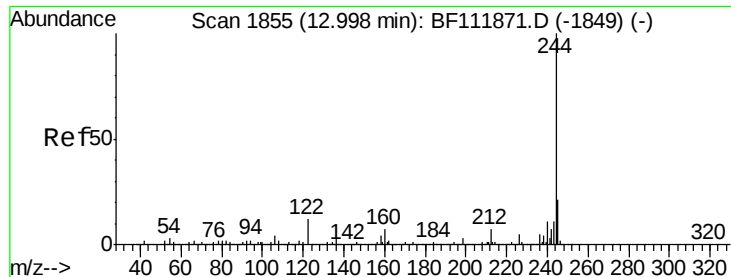


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

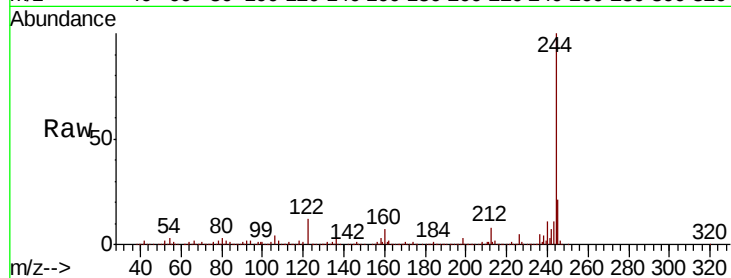
Tot Ion:244 Resp: 2198256

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

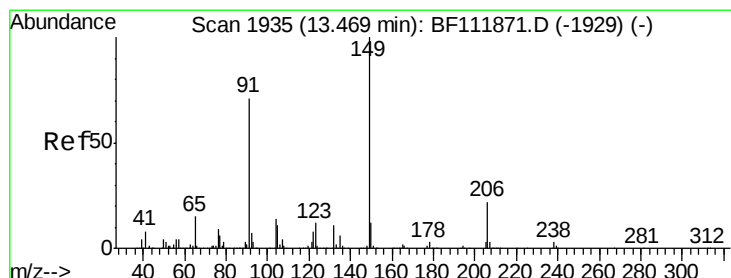
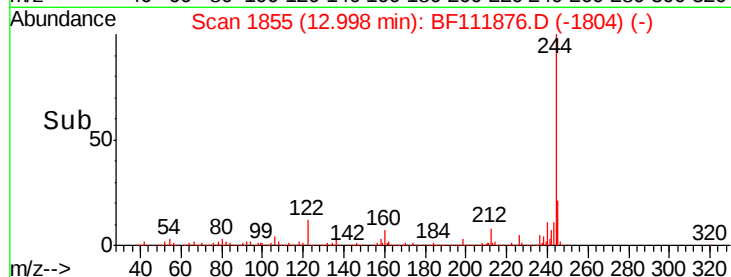
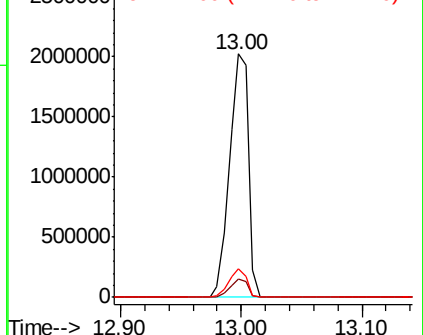
122 11.7 9.5 14.3



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

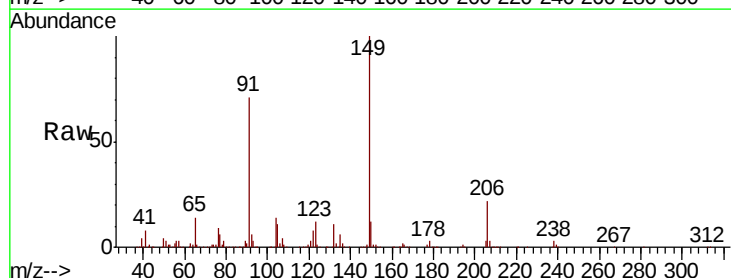
Tgt Ion:149 Resp: 640042

Ion Ratio Lower Upper

149 100

91 71.0 57.2 85.8

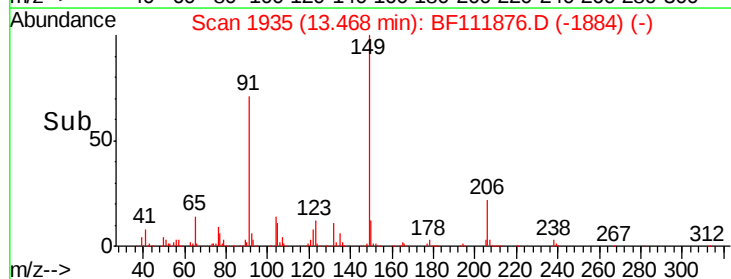
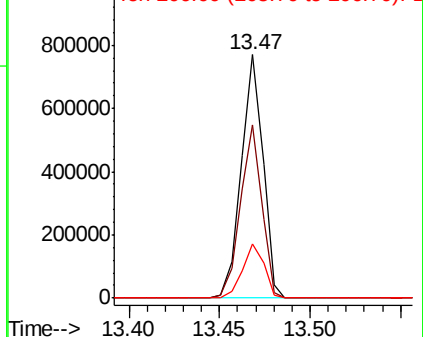
206 22.3 17.3 25.9

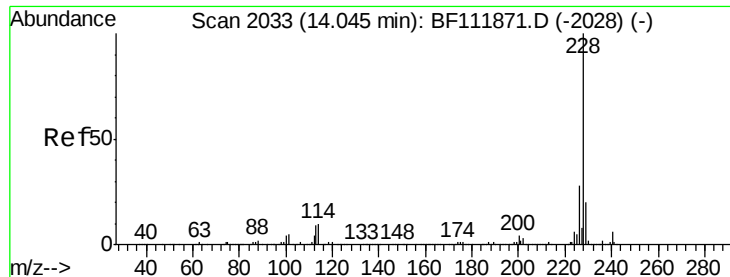


Abundance Ion 149.00 (148.70 to 149.70): E

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

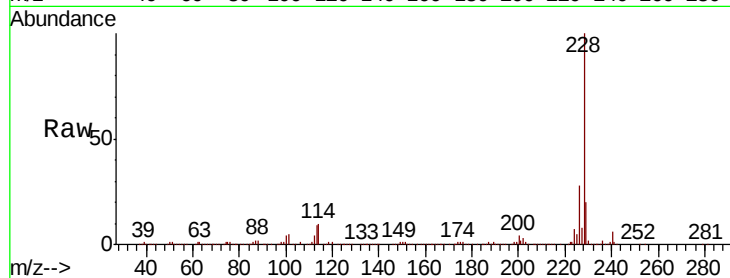
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1232391

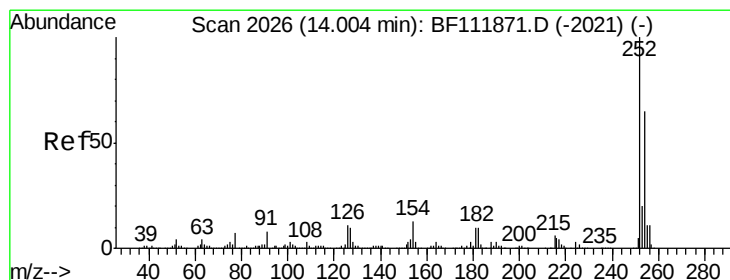
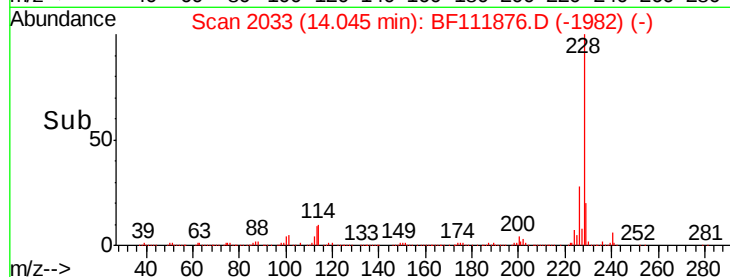
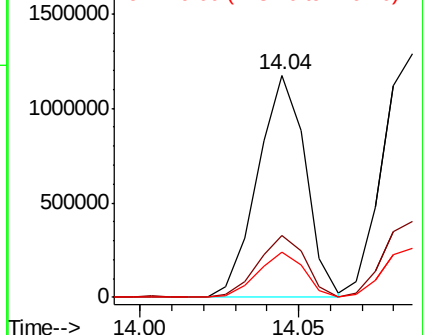
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.4	16.2	24.2



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

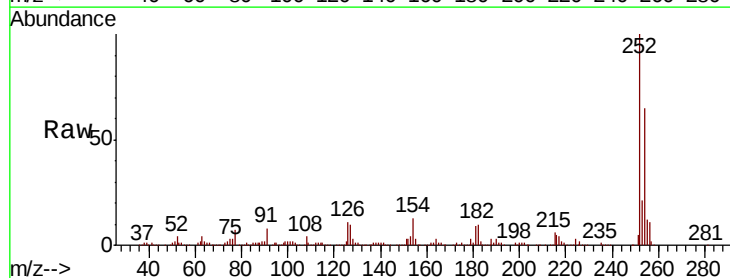
Delta R.T. -0.00 min

Lab File: BF111876.D

Acq: 7 Jan 2019 15:04

Tgt Ion:252 Resp: 443219

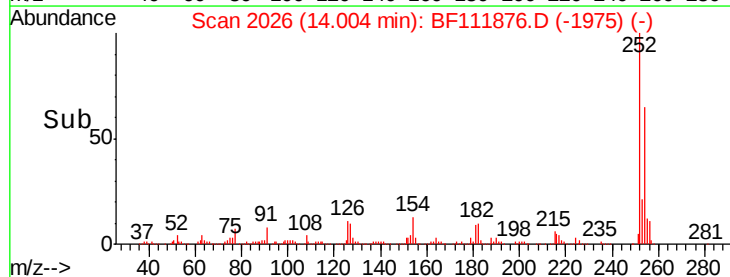
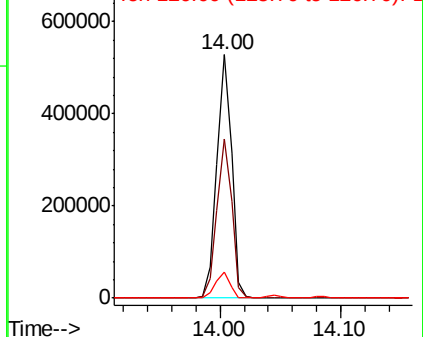
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.5	8.6	12.8

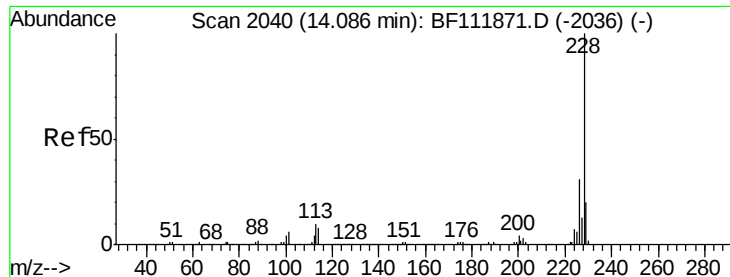


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

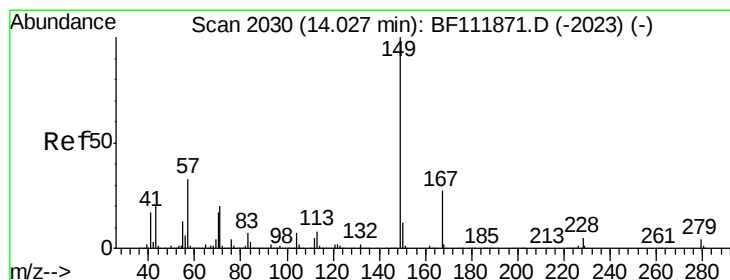
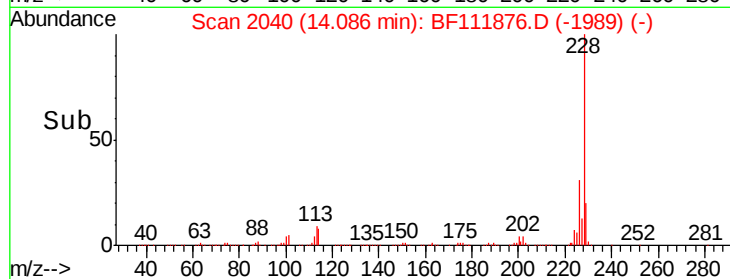
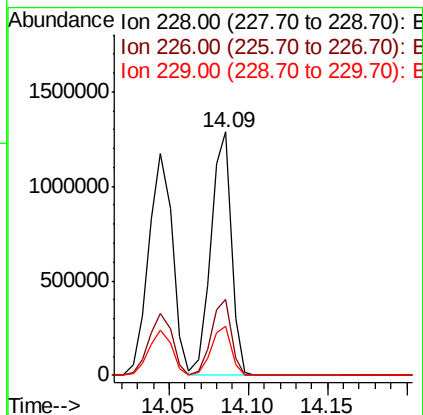
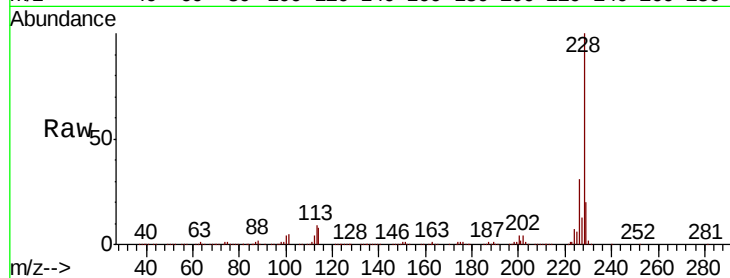




#83
Chrysene
Concen: 37.066 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

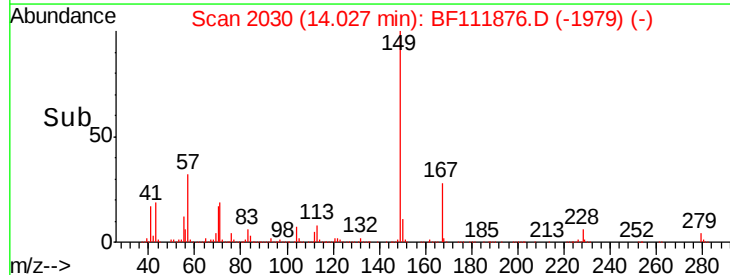
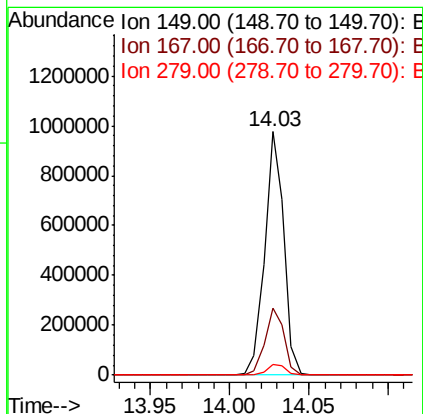
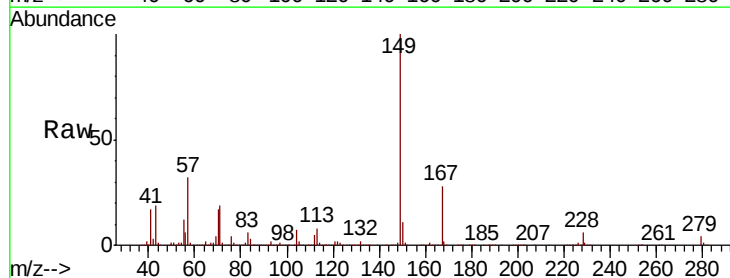
Instrument :
BNA_F
ClientSampleId :

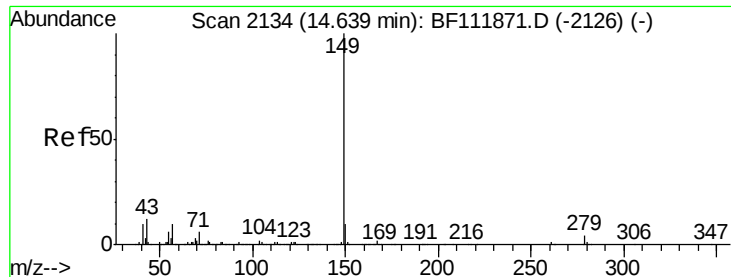
Tot Ion:228 Resp: 1164563
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.1 15.7 23.5



#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





#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 :

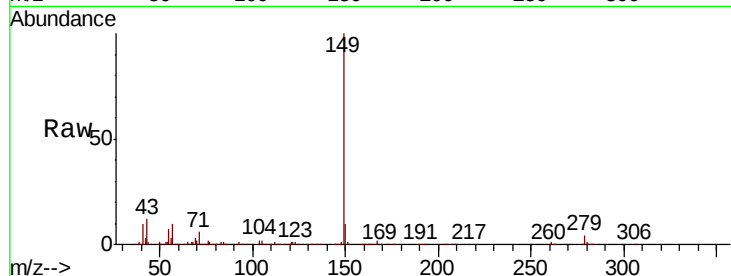
Tot Ion:149 Resp: 1175919

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

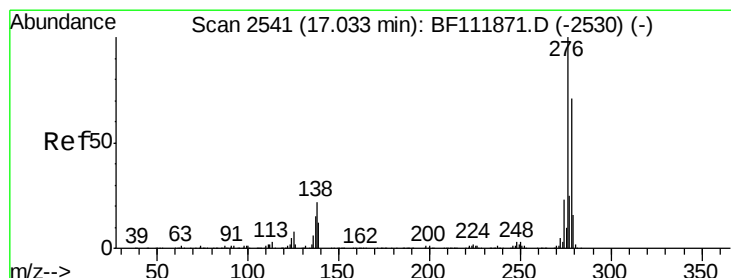
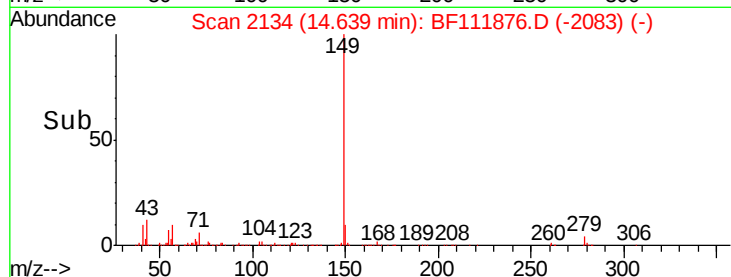
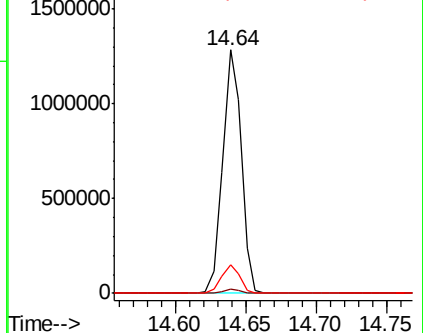
43 11.5 9.1 13.7



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

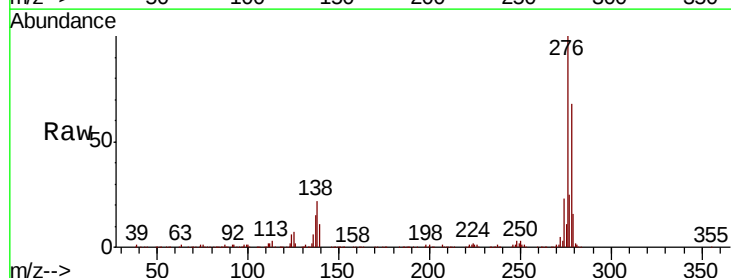
Tgt Ion:276 Resp: 870217

Ion Ratio Lower Upper

276 100

138 22.9 18.1 27.1

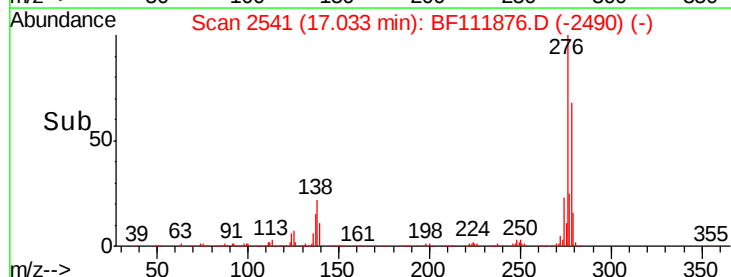
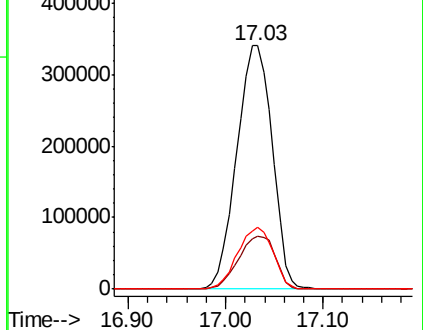
277 25.3 19.9 29.9

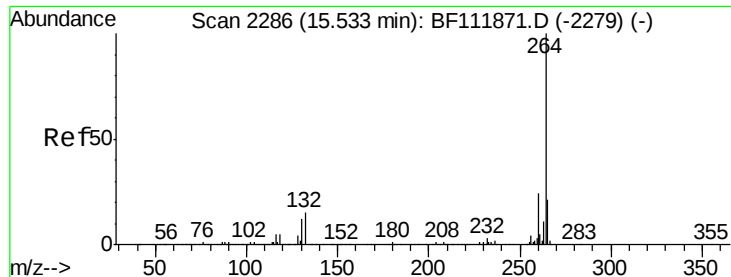


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



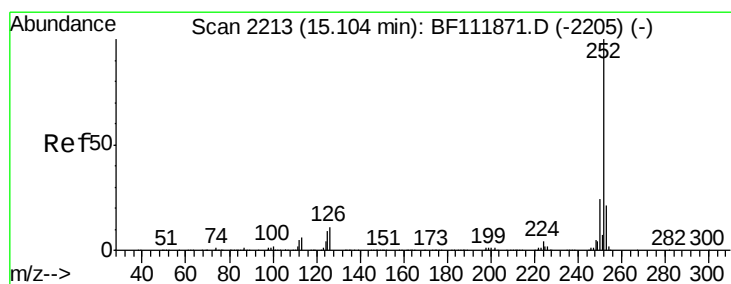
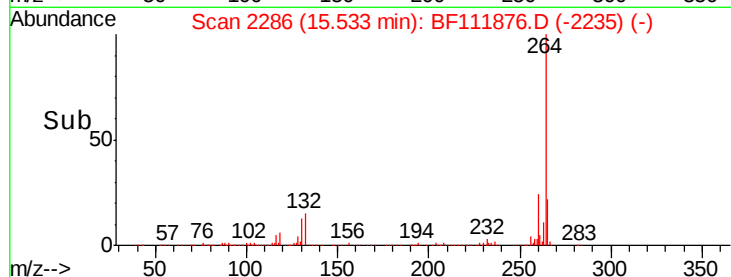
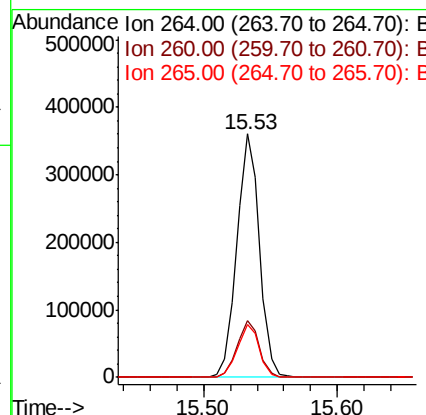
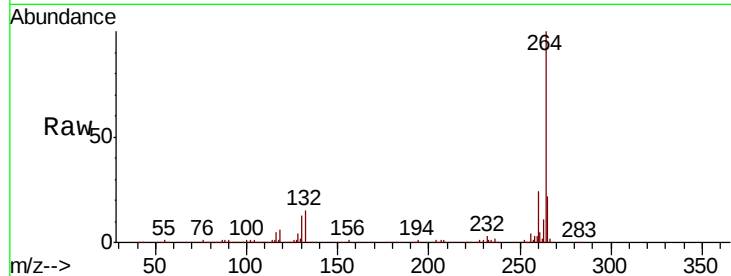


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 426267

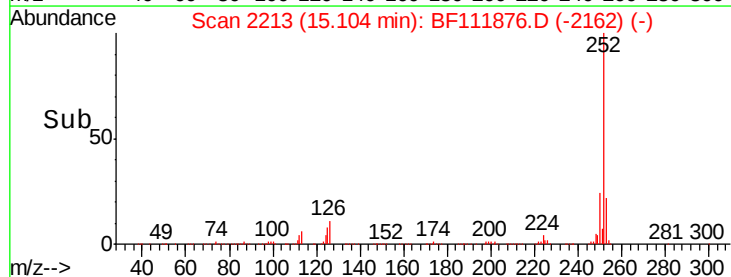
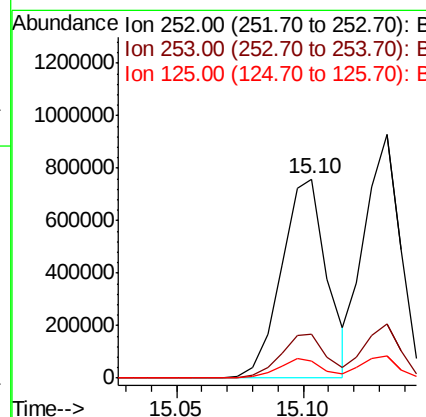
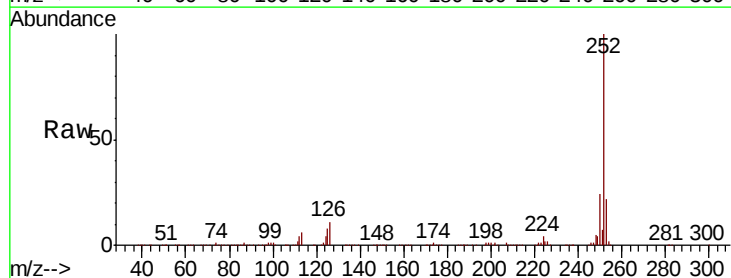
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.1	25.7

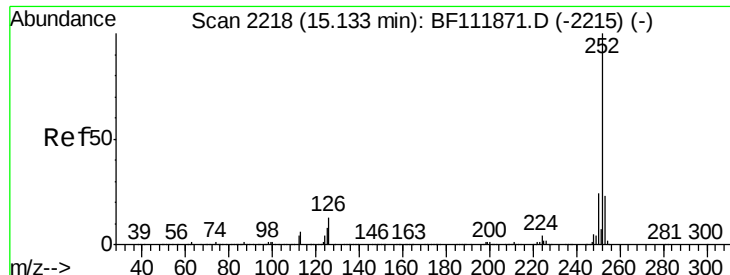


#88
Benzo(b)fluoranthene
Concen: 37.371 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

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

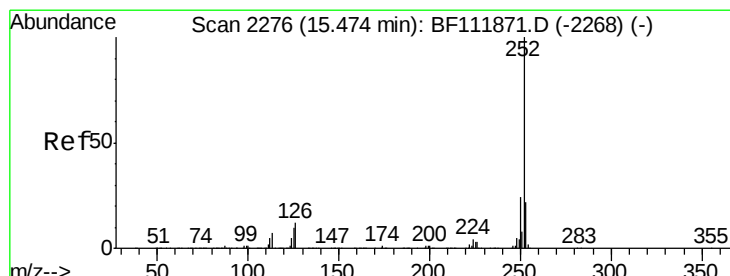
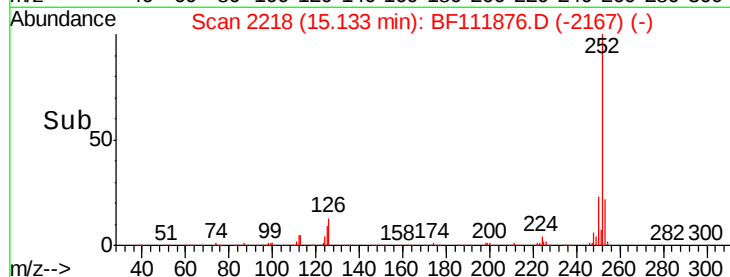
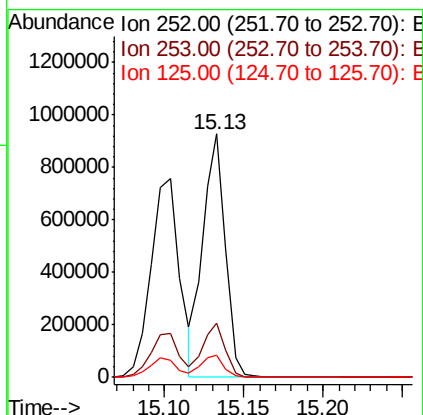
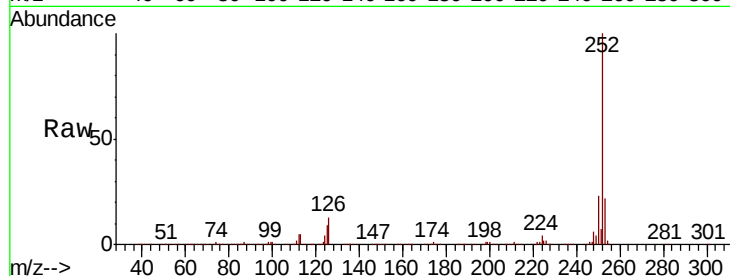




#89
Benzo(k)fluoranthene
Concen: 38.245 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

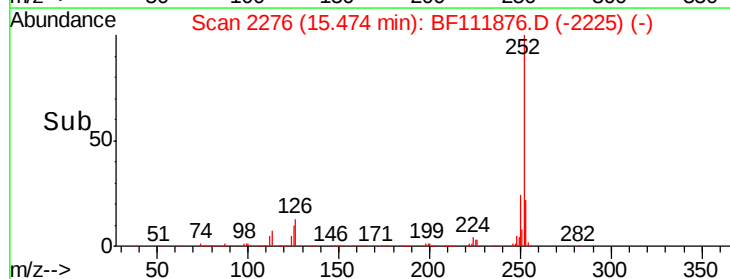
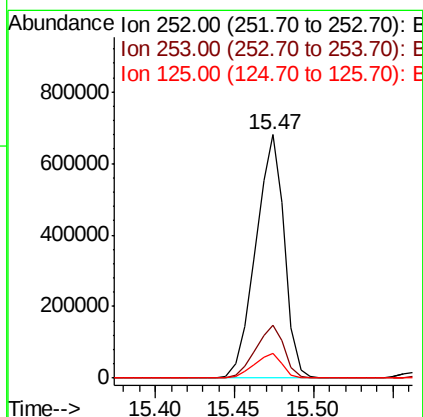
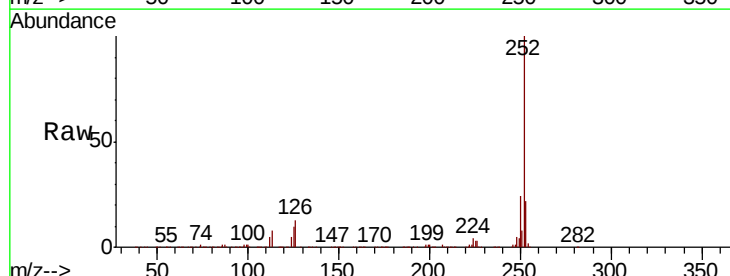
Instrument :
BNA_F
ClientSampleId :

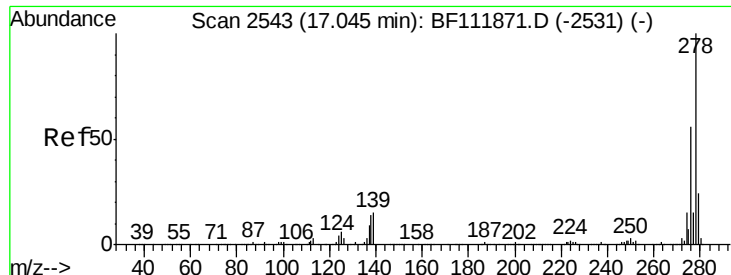
Tot Ion:252 Resp: 916678
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.9 7.0 10.4



#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

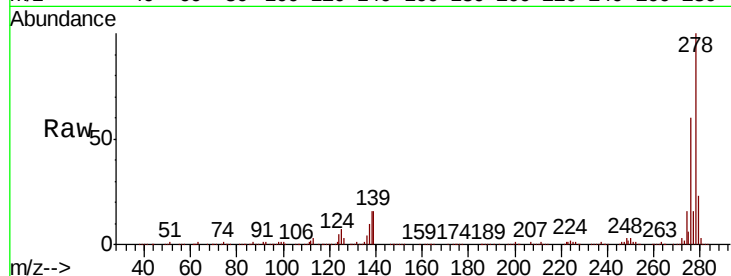




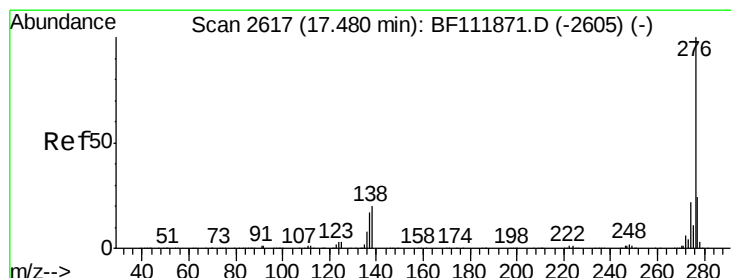
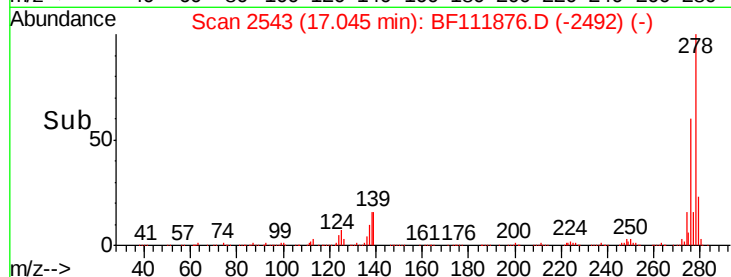
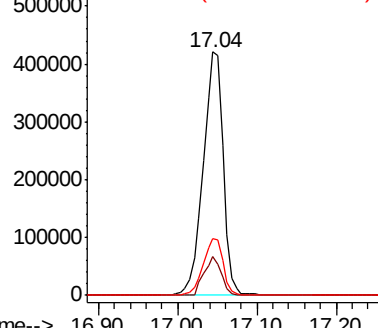
#91
Dibenzo(a,h)anthracene
Concen: 40.708 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF111876.D
Acq: 7 Jan 2019 15:04

Instrument :
BNA_F
ClientSampled :

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

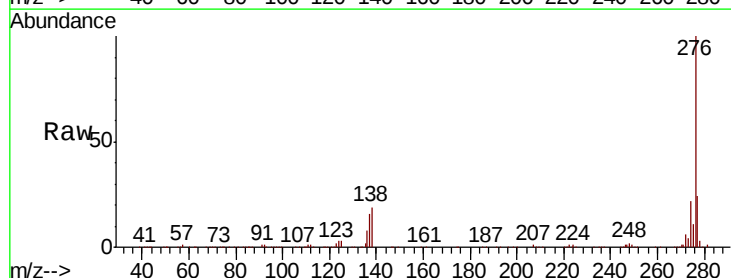


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

