

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111943.D
 Acq On : 9 Jan 2019 11:39
 Operator : JU/SJ
 Sample : K1066-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 12:39:06 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	197421	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	691690	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	338096	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	518897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	360030	20.00	ng	0.00
87) Perylene-d12	15.54	264	406295	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1089541	94.42	ng	0.01
7) Phenol-d6	6.53	99	1443619	97.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	894793	69.14	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	367075	83.47	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1679886	72.45	ng	0.00
79) Terphenyl-d14	13.00	244	1188435	62.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	134169	26.591	ng	99
3) Pyridine	3.52	79	382907	29.278	ng	99
4) n-Nitrosodimethylamine	3.46	42	215272	33.084	ng	98
6) Aniline	6.55	93	184578	10.264	ng	# 67
8) 2-Chlorophenol	6.68	128	411953	32.150	ng	96
9) Benzaldehyde	6.43	77	143426	13.339	ng	99
10) Phenol	6.55	94	544046	33.655	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	381936	30.541	ng	96
12) 1,3-Dichlorobenzene	6.83	146	453707	30.543	ng	97
13) 1,4-Dichlorobenzene	6.90	146	462343	30.672	ng	99
14) 1,2-Dichlorobenzene	7.06	146	432237	29.997	ng	99
15) Benzyl Alcohol	7.03	79	365455	31.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	607101	28.473	ng	92
17) 2-Methylphenol	7.15	107	306664	29.778	ng	99
18) Hexachloroethane	7.40	117	162609	30.896	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	294512	30.476	ng	99
20) 3+4-Methylphenols	7.30	107	427636	33.365	ng	95
22) Acetophenone	7.29	105	562983	32.149	ng	97
24) Nitrobenzene	7.47	77	429280	32.789	ng	98
25) Isophorone	7.70	82	778298	37.137	ng	100
26) 2-Nitrophenol	7.79	139	212969	33.038	ng	92
27) 2,4-Dimethylphenol	7.83	122	357059	38.309	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	487321	34.837	ng	98
29) 2,4-Dichlorophenol	8.03	162	364098	33.972	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	394113	33.333	ng	99
31) Naphthalene	8.19	128	1118213	34.056	ng	100
32) Benzoic acid	7.93	122	92640	15.316	ng	99
33) 4-Chloroaniline	8.24	127	86453	6.091	ng	99
34) Hexachlorobutadiene	8.31	225	234483	31.857	ng	98
35) Caprolactam	8.60	113	71843	20.517	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	350357	32.878	ng	99
37) 2-Methylnaphthalene	8.89	142	815612	40.087	ng	99
38) 1-Methylnaphthalene	8.99	142	751694	38.520	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	351664	32.626	ng	100

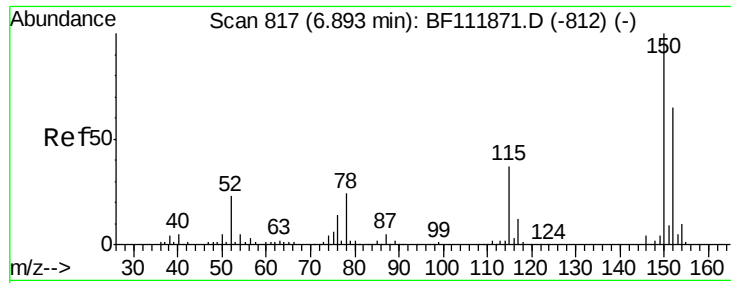
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	285888	45.873	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	245762	33.616	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	260503	34.010	ng	98
46) 1,1'-Biphenyl	9.35	154	955652	33.791	ng	100
47) 2-Chloronaphthalene	9.37	162	744648	33.549	ng	99
48) 2-Nitroaniline	9.46	65	223648	32.957	ng	98
49) Acenaphthylene	9.79	152	1147490	34.968	ng	99
50) Dimethylphthalate	9.65	163	918845	36.178	ng	99
51) 2,6-Dinitrotoluene	9.70	165	188881	33.256	ng	96
52) Acenaphthene	9.96	154	649423	30.698	ng	99
53) 3-Nitroaniline	9.87	138	92191	15.157	ng	89
54) 2,4-Dinitrophenol	9.99	184	91909	38.217	ng	98
55) Dibenzofuran	10.13	168	943354	30.662	ng	100
56) 4-Nitrophenol	10.05	139	238358	55.463	ng	98
57) 2,4-Dinitrotoluene	10.11	165	226372	30.846	ng	96
58) Fluorene	10.47	166	774118	34.579	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	206235	31.956	ng	96
60) Diethylphthalate	10.35	149	815851	33.193	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	394451	31.421	ng	100
62) 4-Nitroaniline	10.49	138	152690	26.467	ng	99
63) Azobenzene	10.63	77	724412	30.852	ng	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	78625	24.557	ng	98
66) n-Nitrosodiphenylamine	10.58	169	671455	38.561	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	224577	33.415	ng	# 91
68) Hexachlorobenzene	11.03	284	251964	33.827	ng	98
69) Atrazine	11.11	200	211312	34.540	ng	100
70) Pentachlorophenol	11.22	266	199705	47.116	ng	99
71) Phenanthrene	11.44	178	952939	34.349	ng	99
72) Anthracene	11.49	178	940419	33.392	ng	98
73) Carbazole	11.64	167	796756	29.085	ng	99
74) Di-n-butylphthalate	11.97	149	1014491	31.882	ng	100
75) Fluoranthene	12.63	202	853382	29.964	ng	99
77) Benzidine	12.74	184	240262	22.334	ng	96
78) Pyrene	12.86	202	836545	33.769	ng	99
80) Butylbenzylphthalate	13.47	149	349620	33.383	ng	93
81) Benzo(a)anthracene	14.04	228	716813	34.595	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	182291	23.830	ng	100
83) Chrysene	14.08	228	677575	34.297	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	505604	36.761	ng	100
85) Di-n-octyl phthalate	14.64	149	838687	42.610	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	705079	48.953	ng	99
88) Benzo(b)fluoranthene	15.10	252	798206	32.842	ng	98
89) Benzo(k)fluoranthene	15.13	252	785432	34.380	ng	99
90) Benzo(a)pyrene	15.48	252	751143	35.149	ng	100
91) Dibenzo(a,h)anthracene	17.05	278	590474	34.354	ng	99
92) Benzo(g,h,i)perylene	17.49	276	566263	33.684	ng	99

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

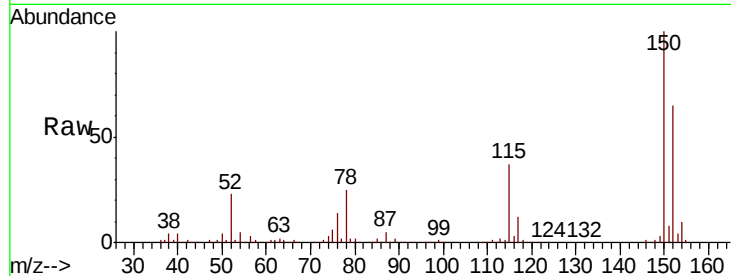


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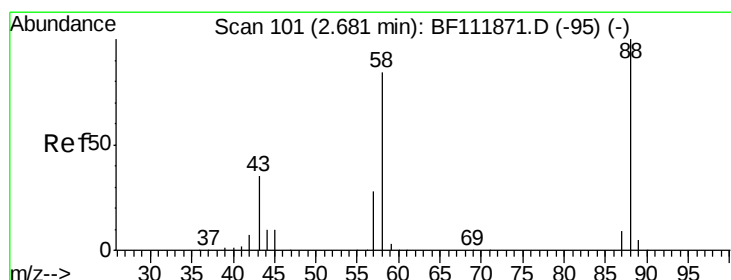
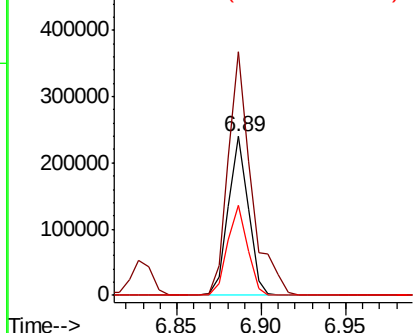
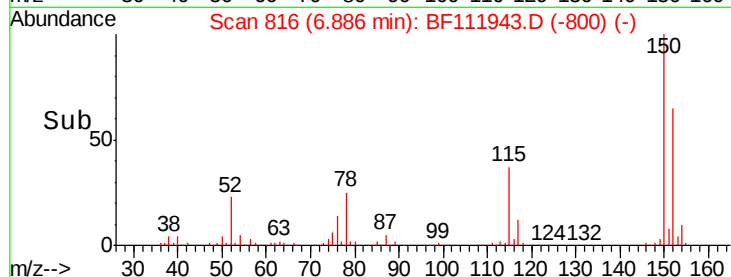
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 197421
Ion Ratio Lower Upper
152 100
150 153.5 122.7 184.1
115 56.5 45.2 67.8



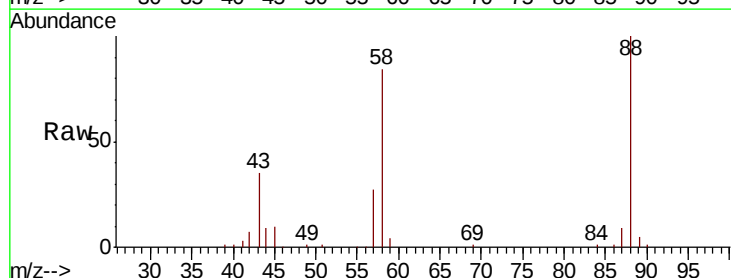
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



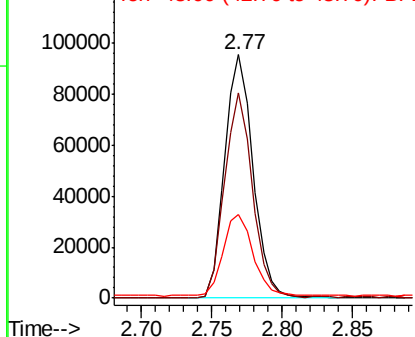
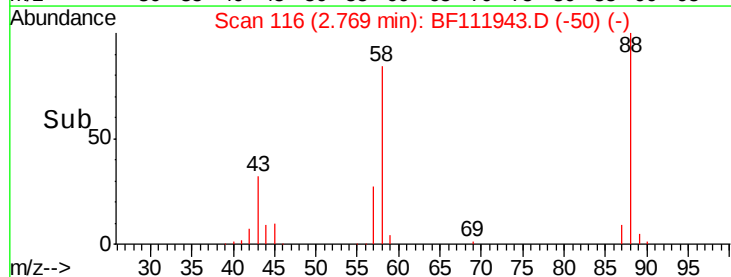
#2

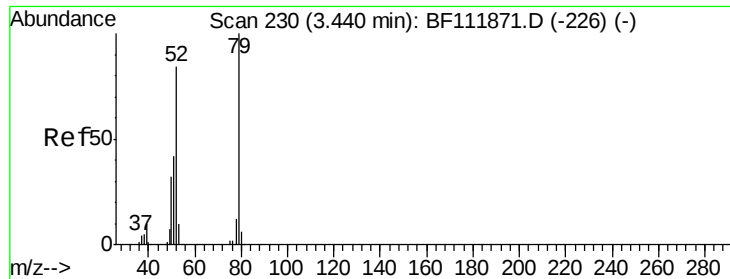
1,4-Dioxane
Concen: 26.591 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.09 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion: 88 Resp: 134169
Ion Ratio Lower Upper
88 100
58 83.2 67.6 101.4
43 35.3 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: 29.278 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

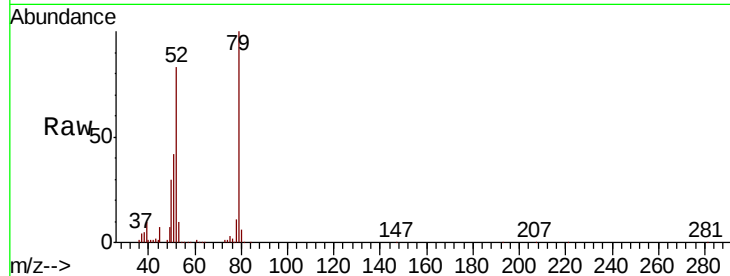
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 382907

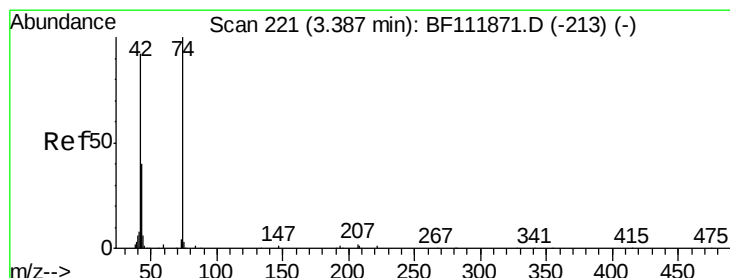
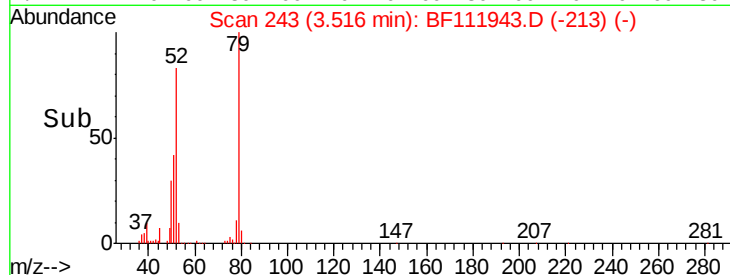
Ion	Ratio	Lower	Upper
79	100		
52	82.9	67.0	100.6
51	41.7	34.2	51.2



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: 33.084 ng

RT: 3.46 min Scan# 234

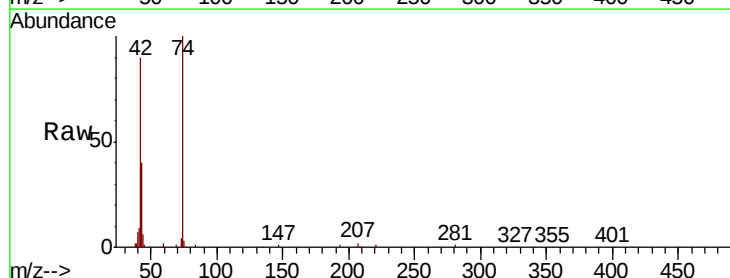
Delta R.T. 0.08 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion: 42 Resp: 215272

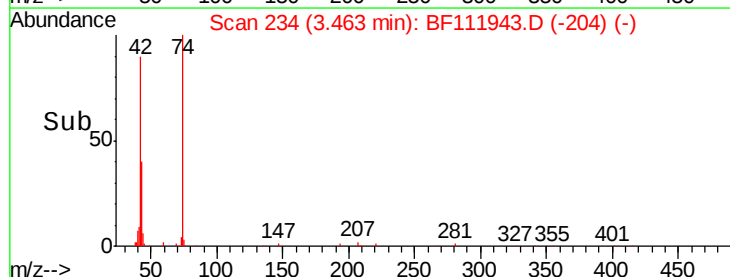
Ion	Ratio	Lower	Upper
42	100		
74	111.0	87.0	130.6
44	6.6	5.5	8.3

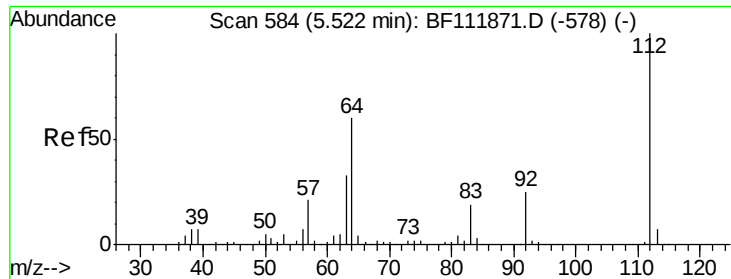


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 94.418 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

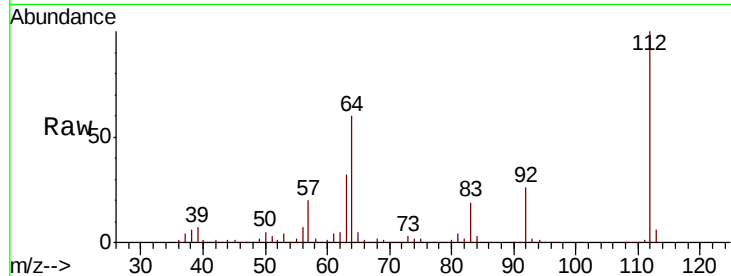
Tot Ion:112 Resp: 1089541

Ion Ratio Lower Upper

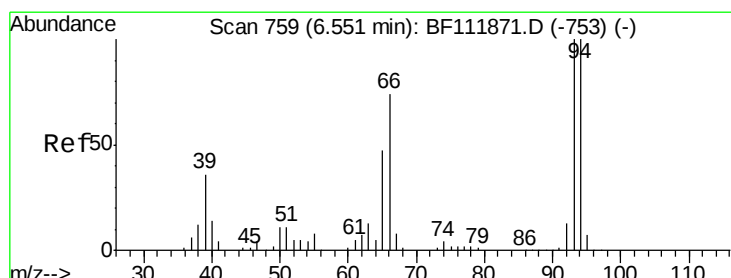
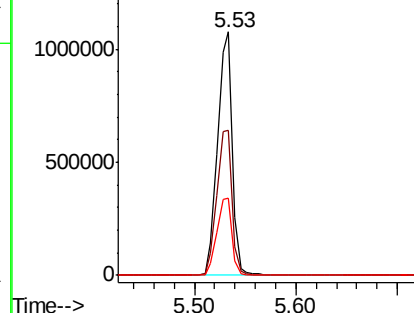
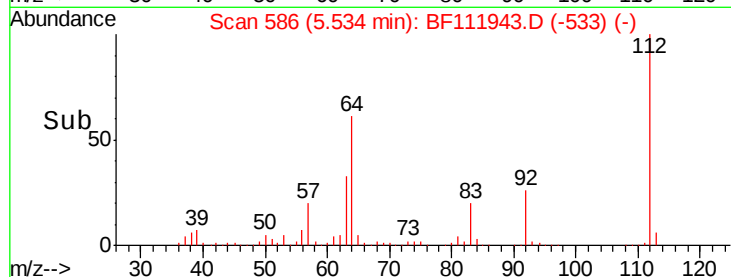
112 100

64 59.5 48.3 72.5

63 31.8 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.264 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

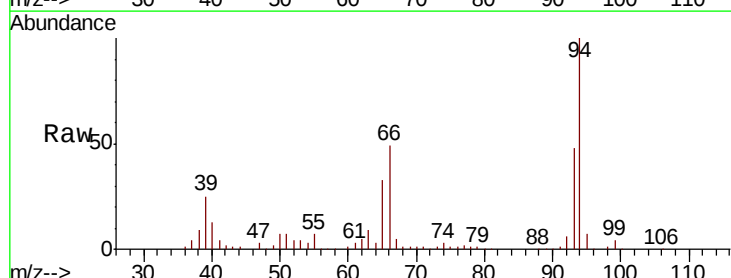
Tgt Ion: 93 Resp: 184578

Ion Ratio Lower Upper

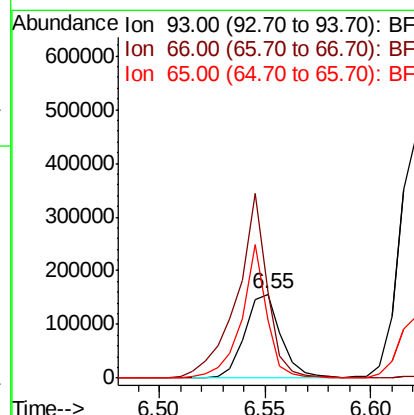
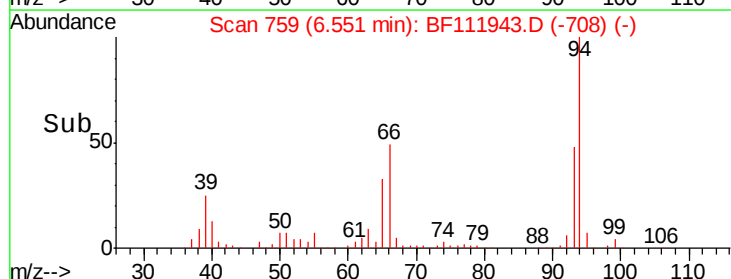
93 100

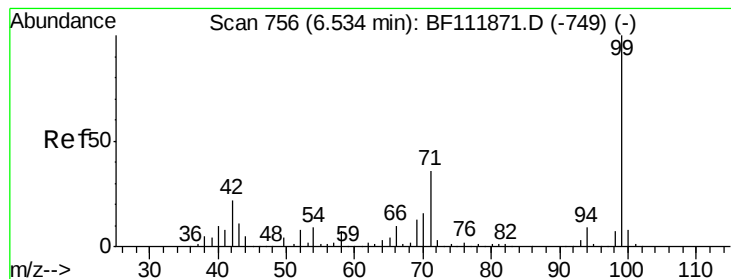
66 102.6 60.0 90.0#

65 69.2 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: 97.062 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

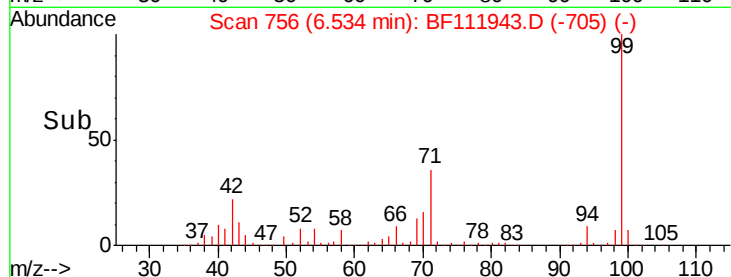
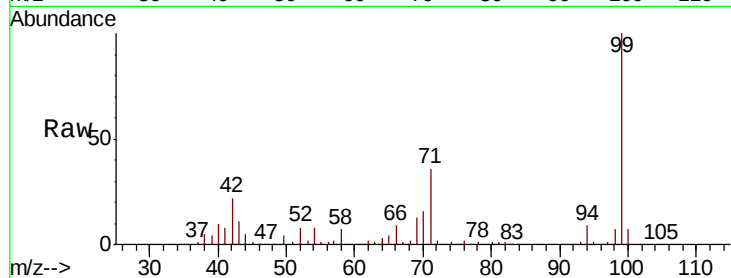
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1443619

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	35.5	28.7	43.1

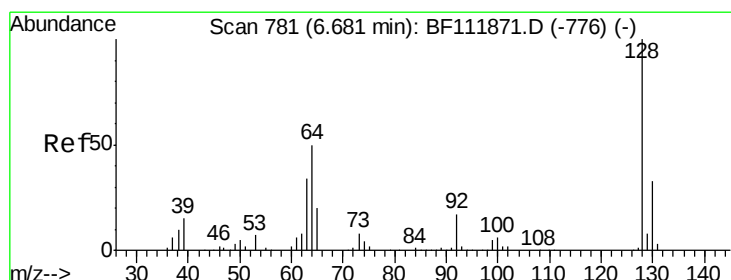
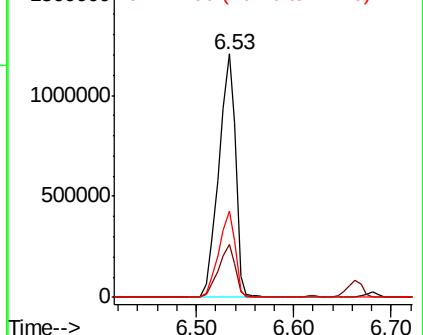


Abundance

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: 32.150 ng

RT: 6.68 min Scan# 781

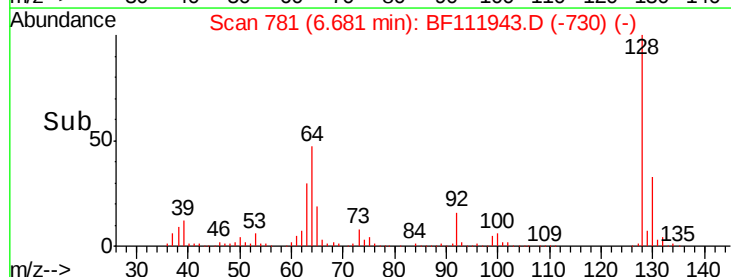
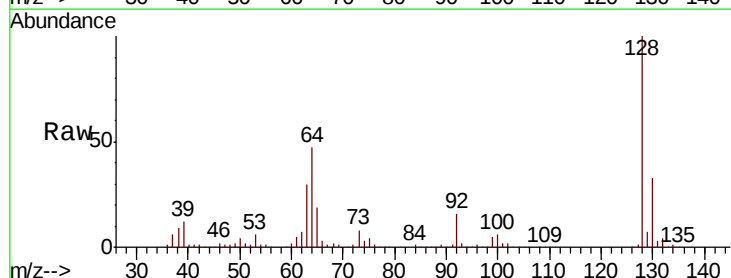
Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion: 128 Resp: 411953

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	47.2	31.8	71.8

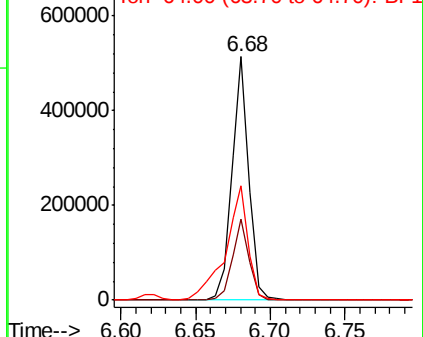


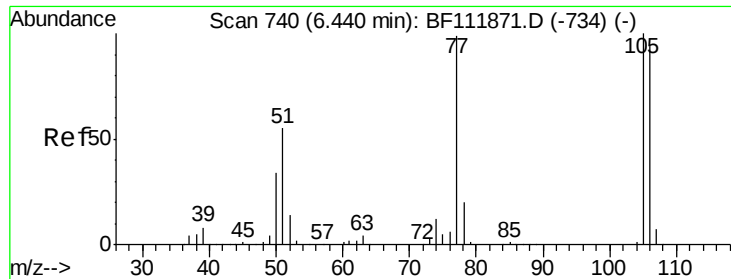
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

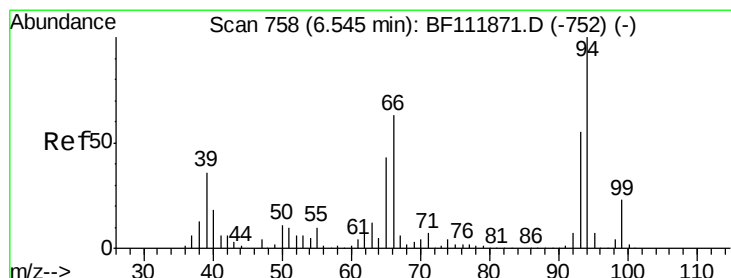
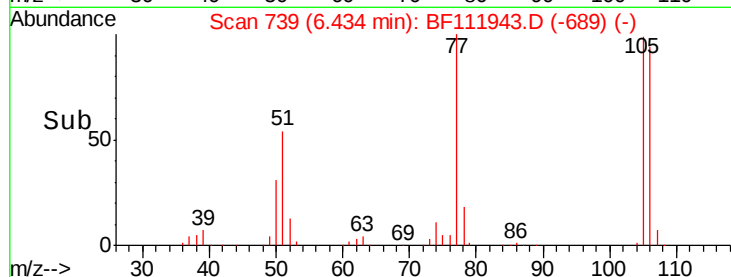
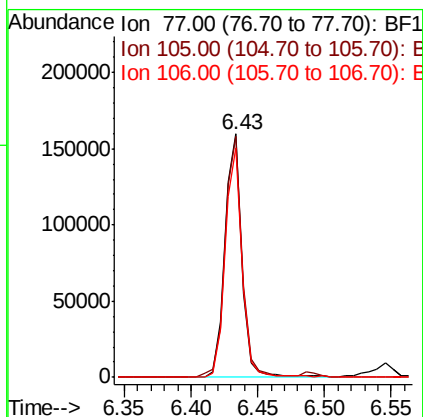
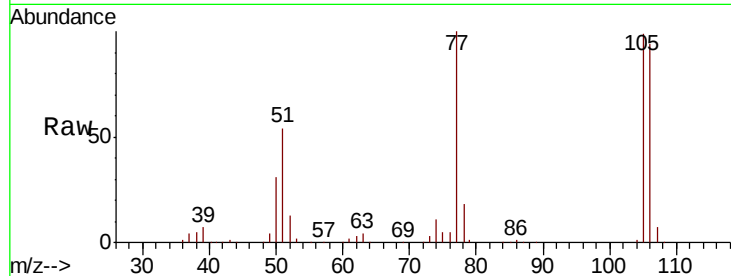




#9
Benzaldehyde
Concen: 13.339 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

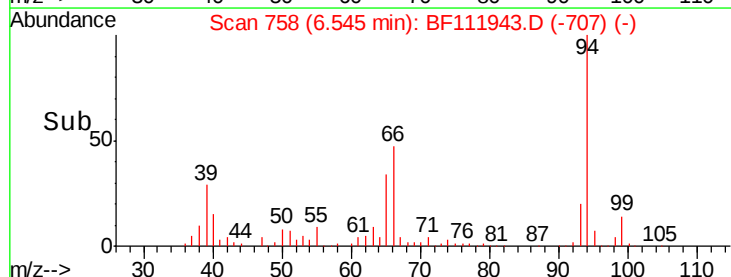
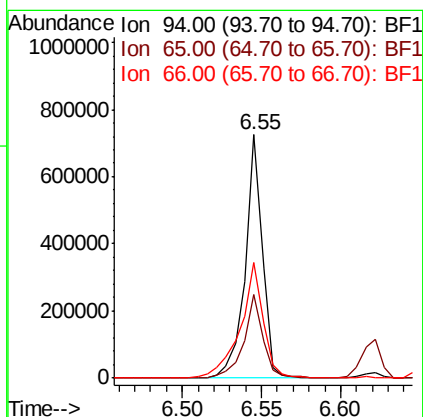
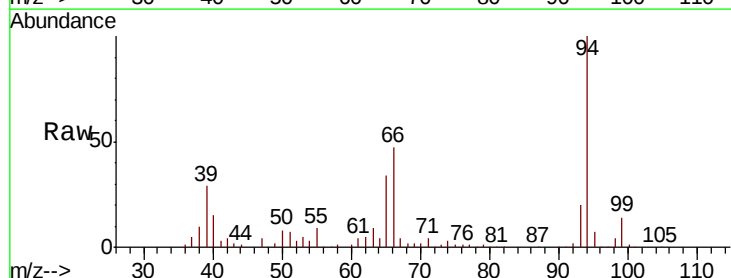
Instrument :
BNA_F
ClientSampled :

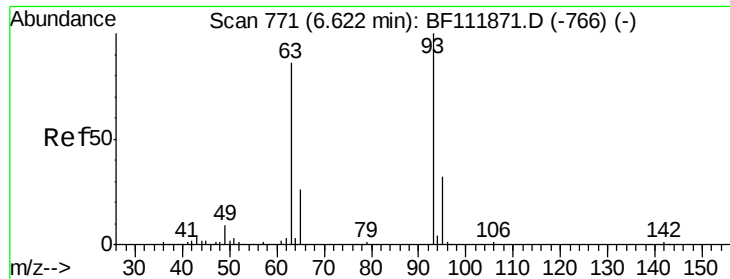
Tot Ion: 77 Resp: 143426
Ion Ratio Lower Upper
77 100
105 99.0 80.6 120.6
106 94.2 74.6 114.6



#10
Phenol
Concen: 33.655 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion: 94 Resp: 544046
Ion Ratio Lower Upper
94 100
65 34.3 22.8 62.8
66 47.5 43.3 83.3





#11

bis(2-Chloroethyl)ether

Concen: 30.541 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

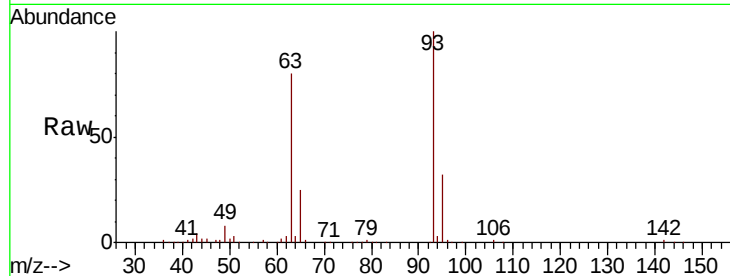
Tot Ion: 93 Resp: 381936

Ion Ratio Lower Upper

93 100

63 79.7 65.2 105.2

95 32.0 11.9 51.9

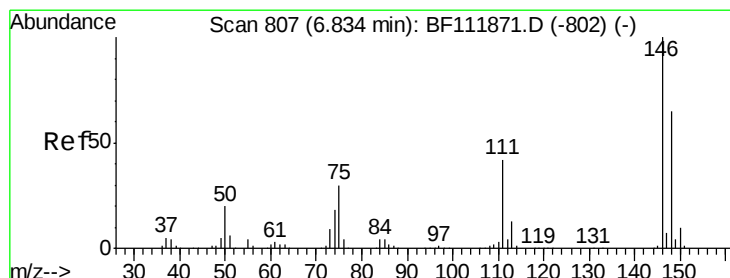
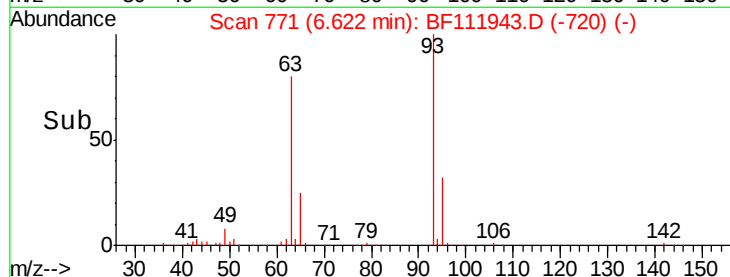
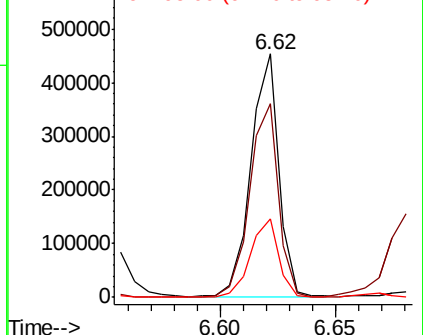


Abundance

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: 30.543 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

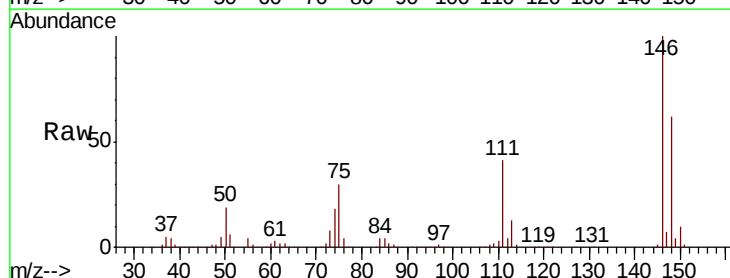
Tgt Ion: 146 Resp: 453707

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

75 29.7 24.3 36.5

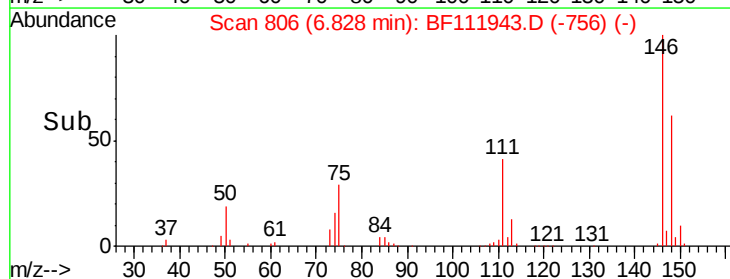
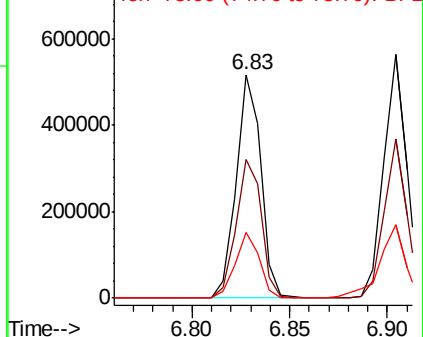


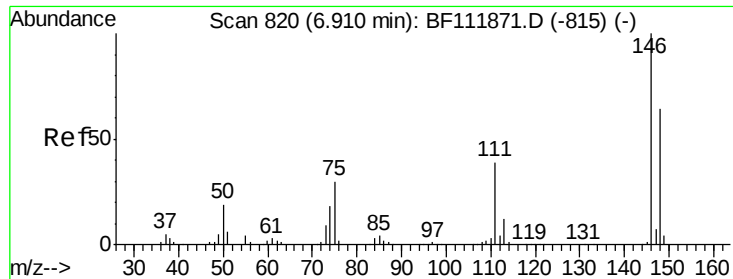
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

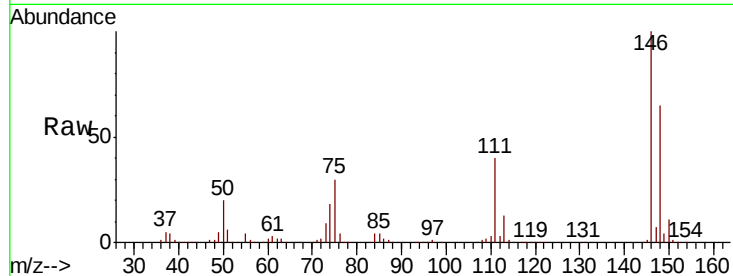




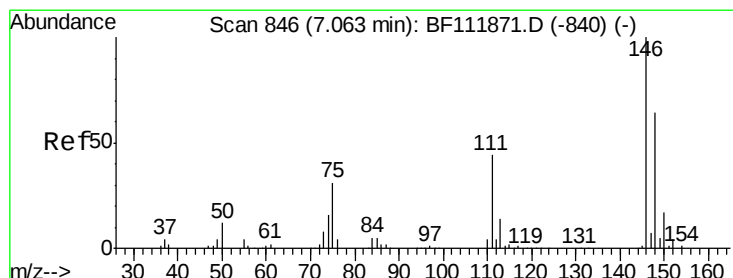
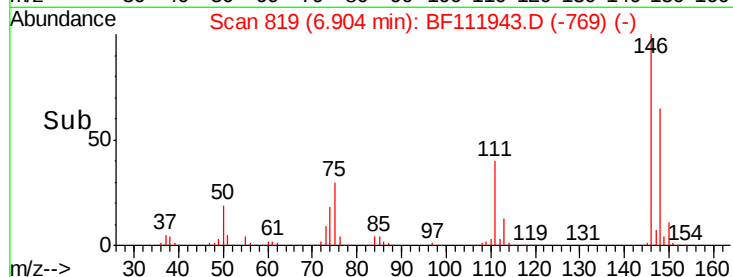
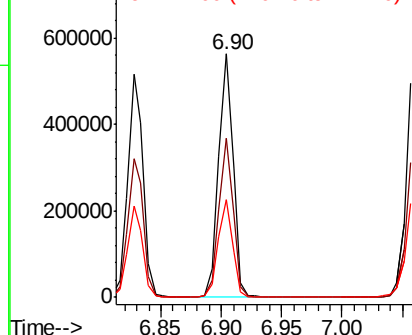
#13
 1,4-Dichlorobenzene
 Concen: 30.672 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 462343
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 40.1 31.5 47.3

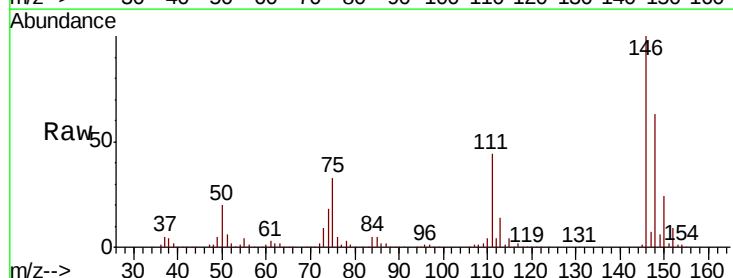


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

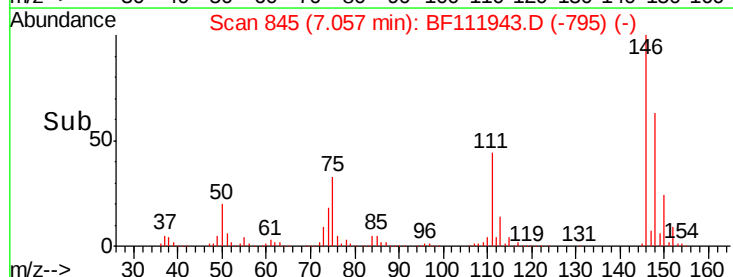
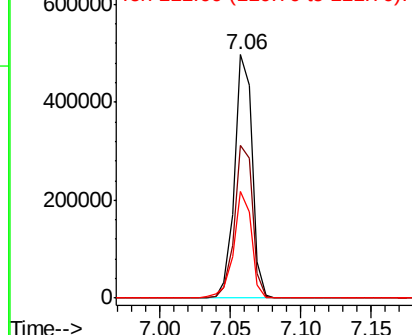


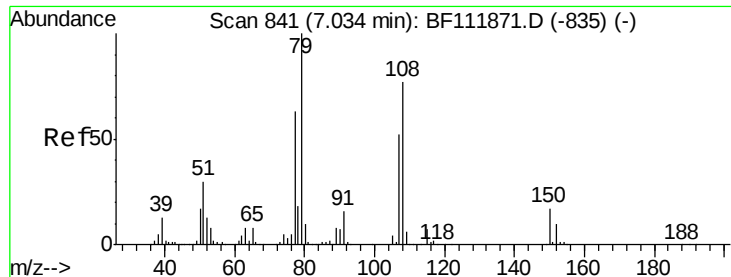
#14
 1,2-Dichlorobenzene
 Concen: 29.997 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:146 Resp: 432237
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.5 77.3
 111 44.0 35.5 53.3



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





#15

Benzyl Alcohol

Concen: 31.055 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampled :

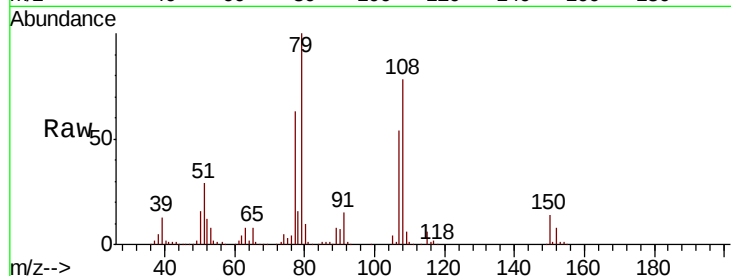
Tot Ion: 79 Resp: 365455

Ion Ratio Lower Upper

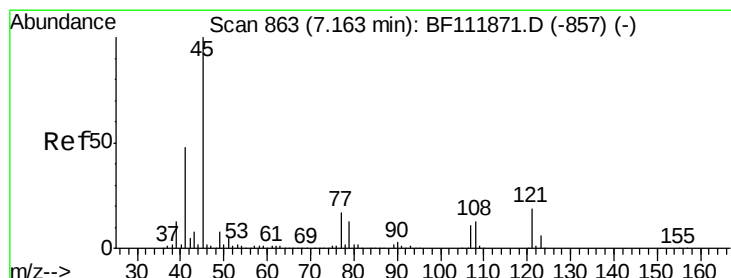
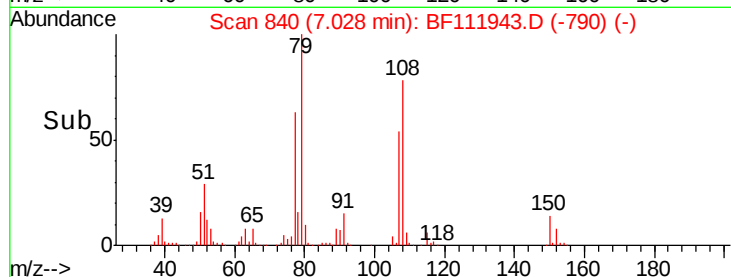
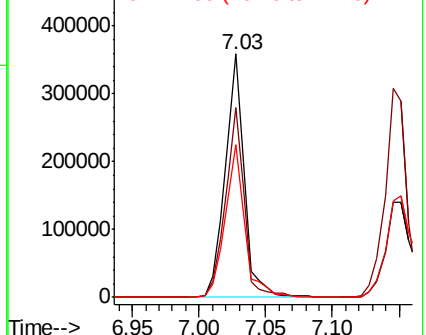
79 100

108 77.8 61.4 92.0

77 62.7 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: 28.473 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

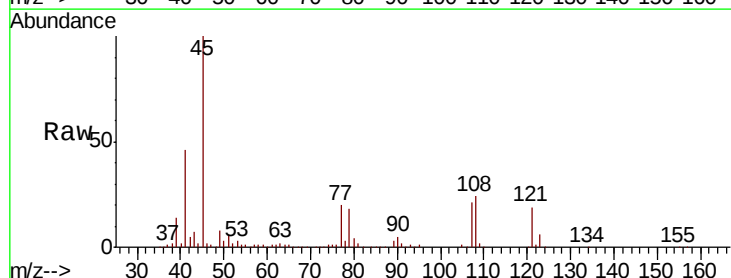
Tgt Ion: 45 Resp: 607101

Ion Ratio Lower Upper

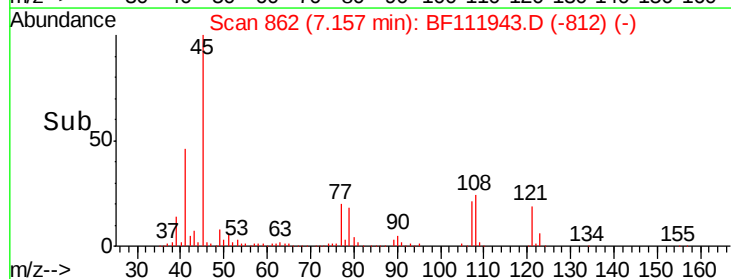
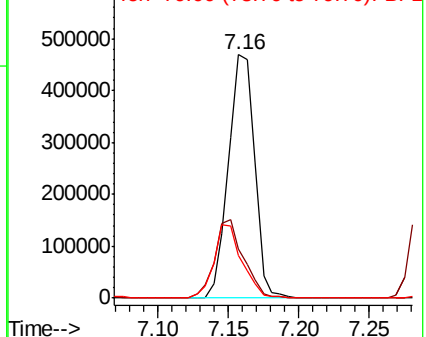
45 100

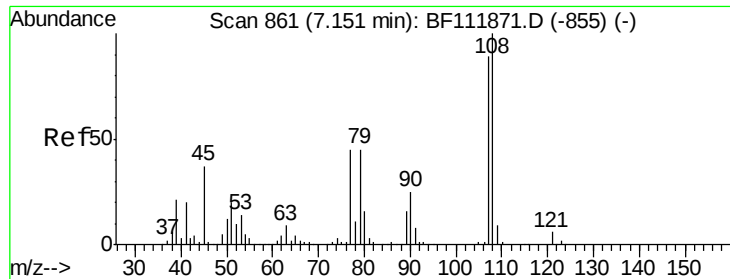
77 20.3 0.0 37.1

79 17.6 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: 29.778 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 306664

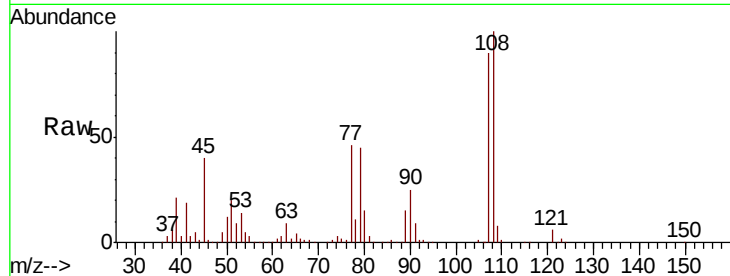
Ion Ratio Lower Upper

107 100

108 111.2 89.7 134.5

77 51.4 40.6 60.8

79 50.6 40.2 60.2

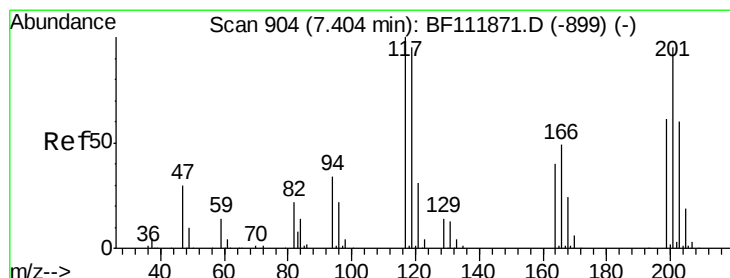
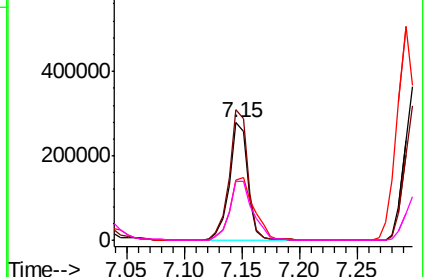
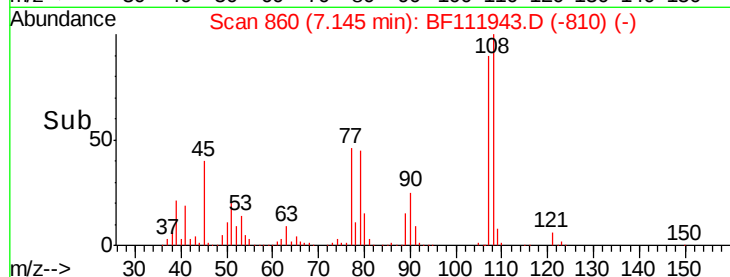


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 30.896 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

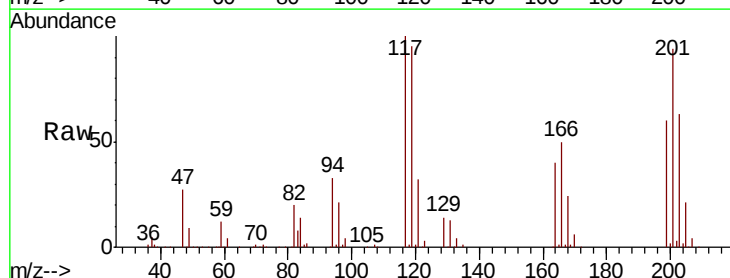
Tgt Ion:117 Resp: 162609

Ion Ratio Lower Upper

117 100

119 95.2 76.2 114.2

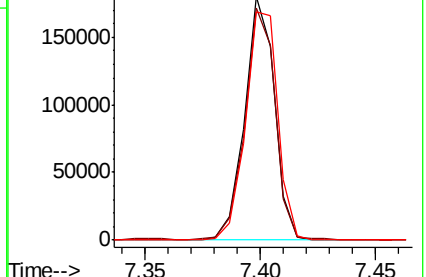
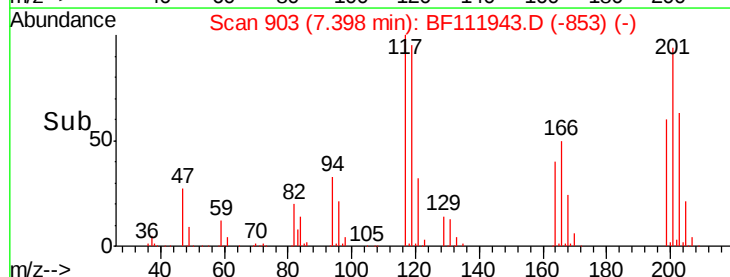
201 93.8 75.7 113.5

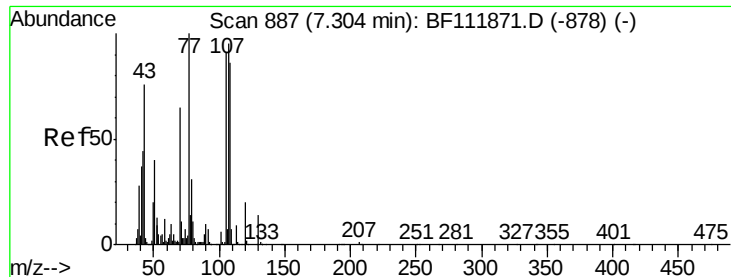


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

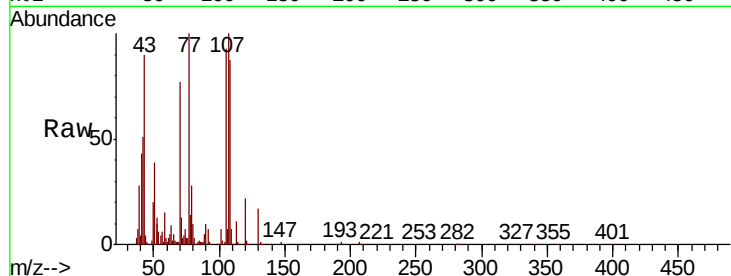




#19
n-Nitroso-di-n-propylamine
Concen: 30.476 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	294512
Ion	Ratio	Lower	Upper
70	100		
42	66.4	53.6	80.4
101	9.8	7.3	10.9
130	21.6	16.8	25.2



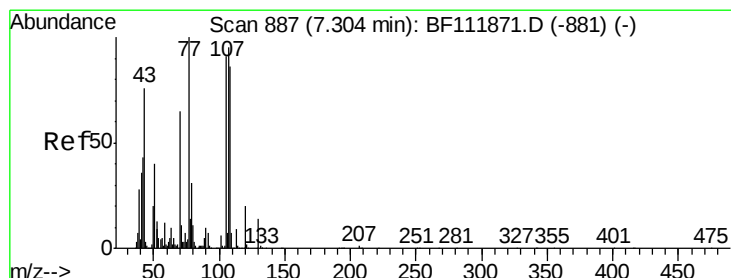
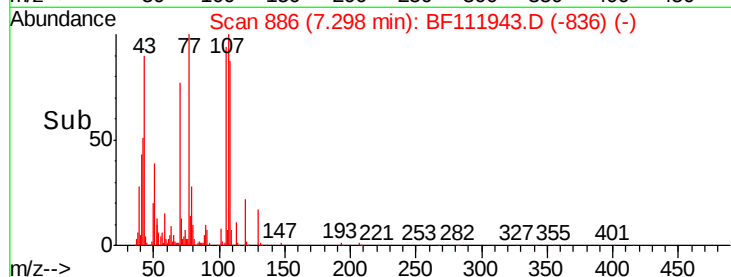
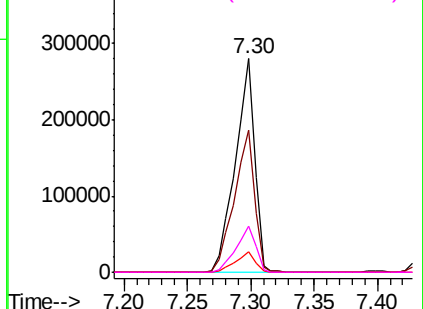
Abundance

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: 33.365 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:	107	Resp:	427636
Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.1	111.1
77	100.4	85.4	125.4
79	28.6	12.4	52.4

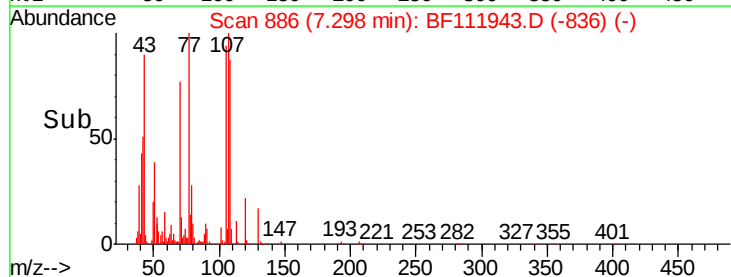
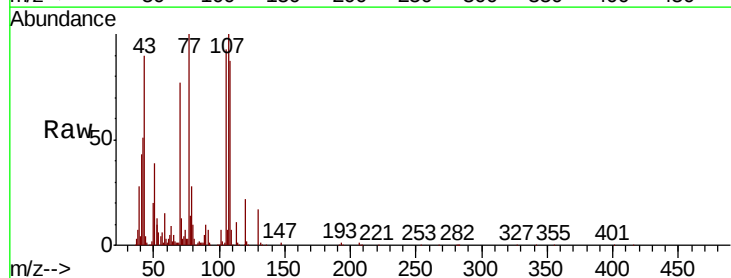
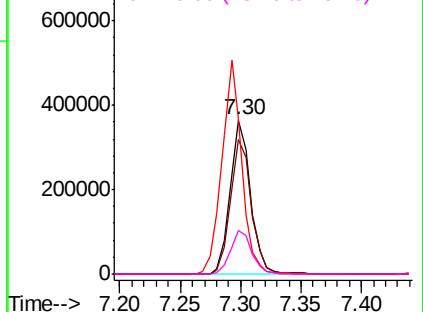
Abundance

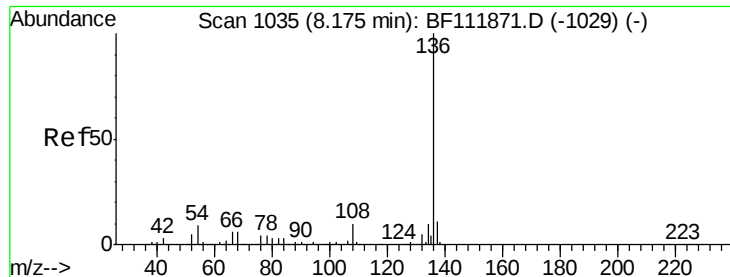
Ion 107.00 (106.70 to 107.70): E

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# 1034

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 691690

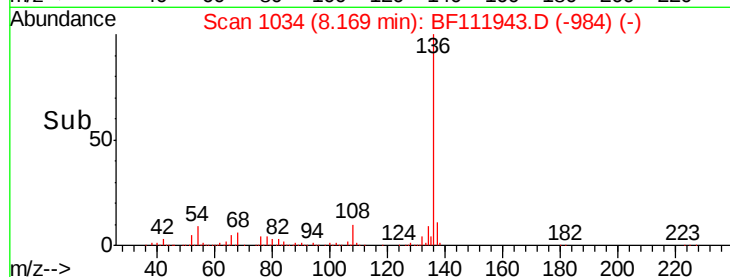
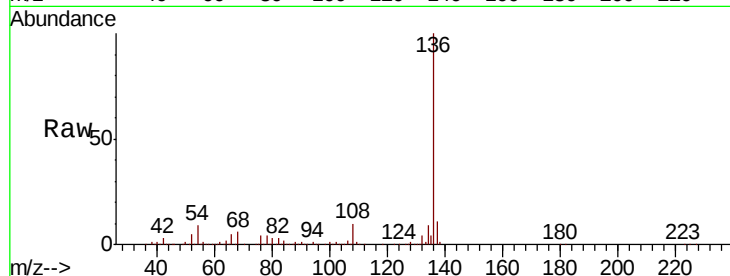
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.1 7.2 10.8

68 5.6 4.4 6.6

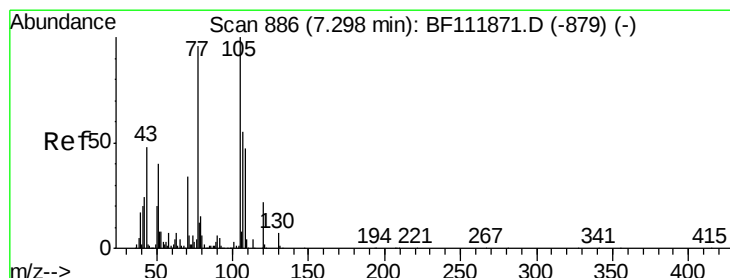
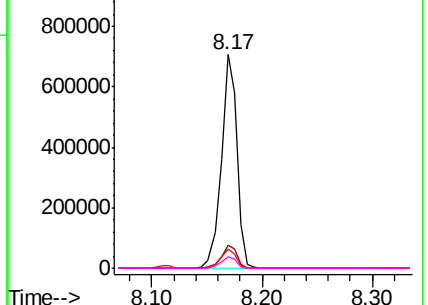


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.149 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:105 Resp: 562983

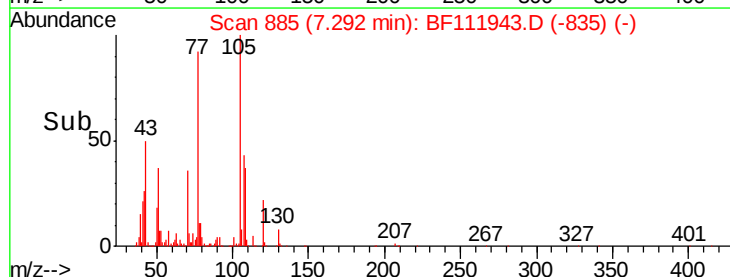
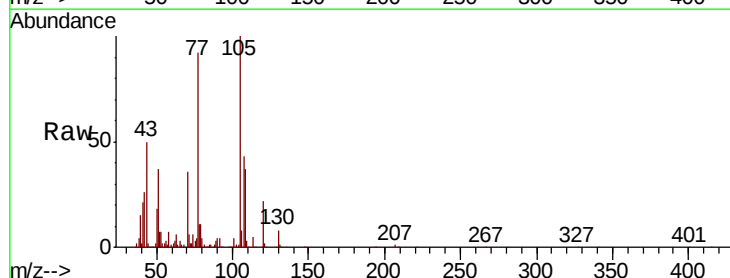
Ion Ratio Lower Upper

105 100

71 6.2 4.6 6.8

51 37.3 32.2 48.2

120 22.2 17.5 26.3

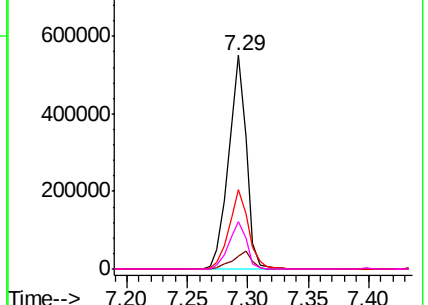


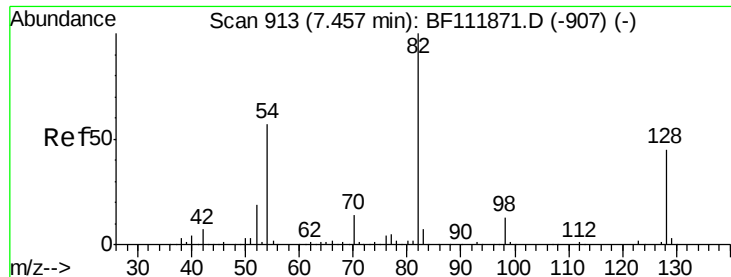
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

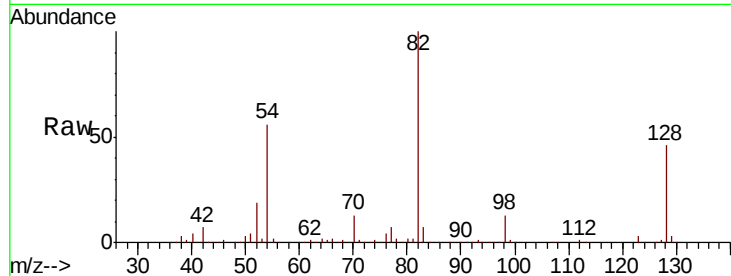




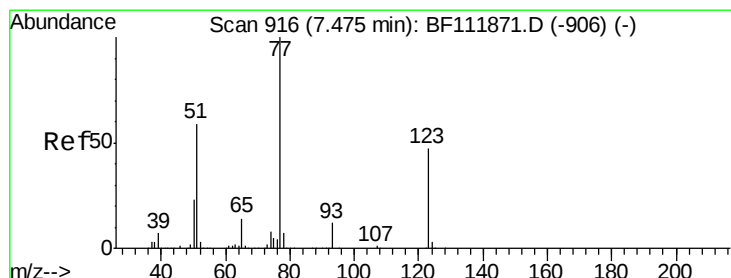
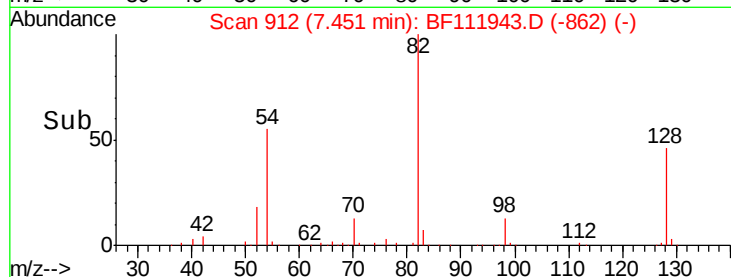
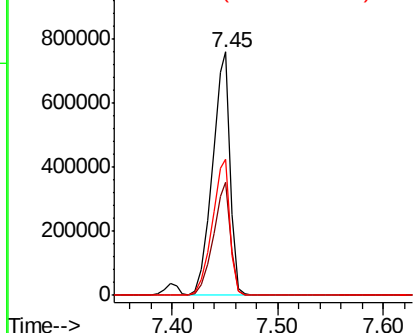
#23
 Nitrobenzene-d5
 Concen: 69.139 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 894793
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.7 53.5
 54 55.6 45.8 68.8

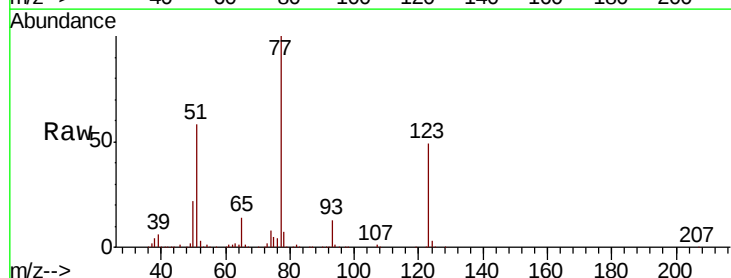


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

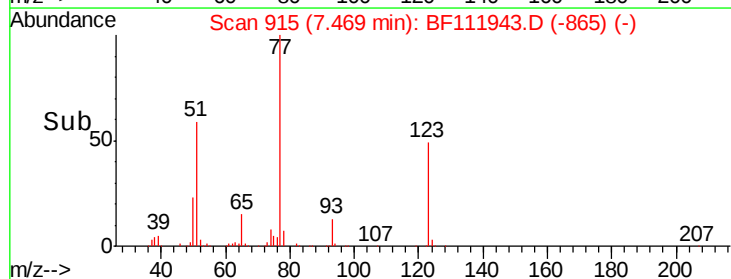
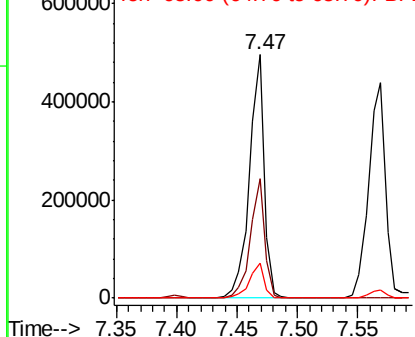


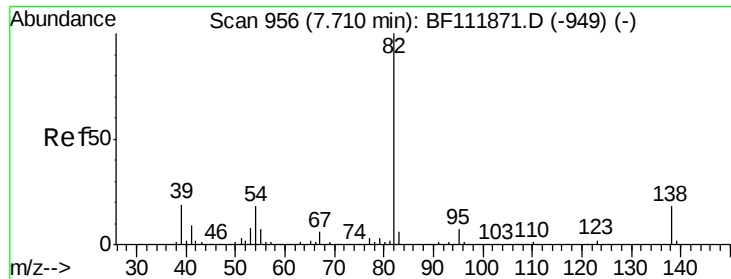
#24
 Nitrobenzene
 Concen: 32.789 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion: 77 Resp: 429280
 Ion Ratio Lower Upper
 77 100
 123 48.8 38.1 57.1
 65 14.4 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: 37.137 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampled :

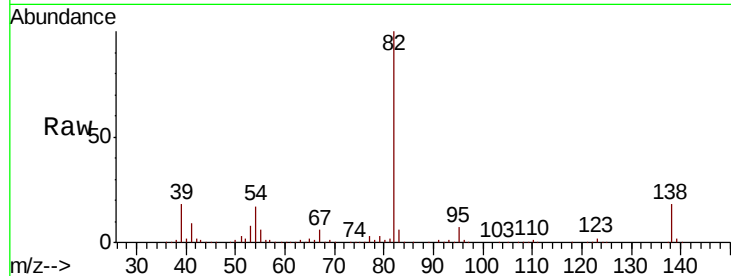
Tot Ion: 82 Resp: 778298

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

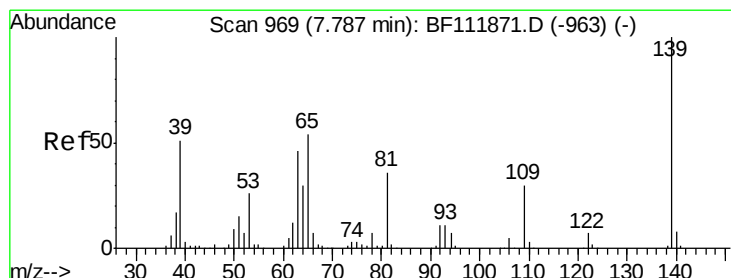
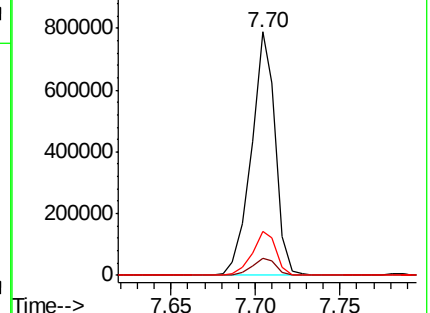
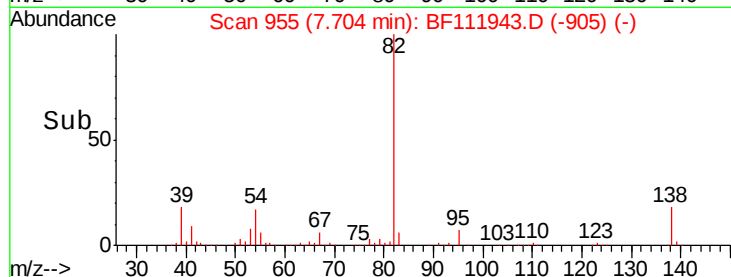
138 17.9 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.038 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

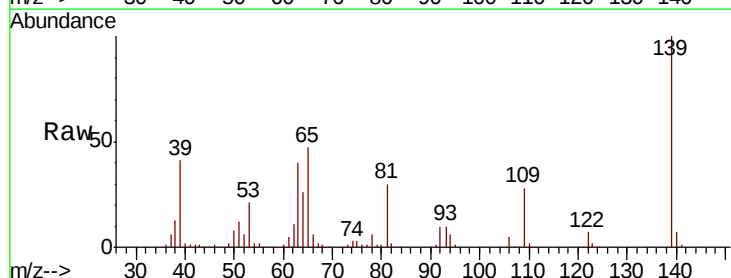
Tgt Ion: 139 Resp: 212969

Ion Ratio Lower Upper

139 100

109 28.3 24.1 36.1

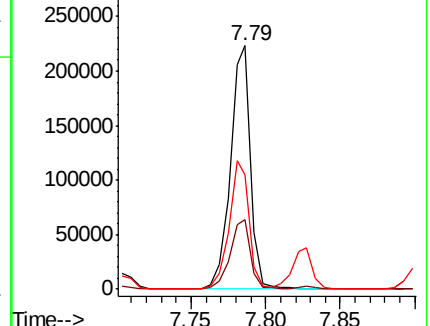
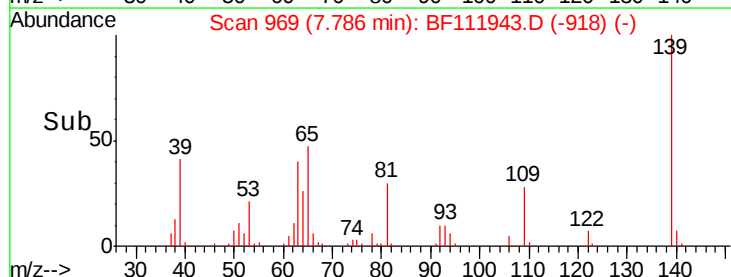
65 47.0 43.6 65.4

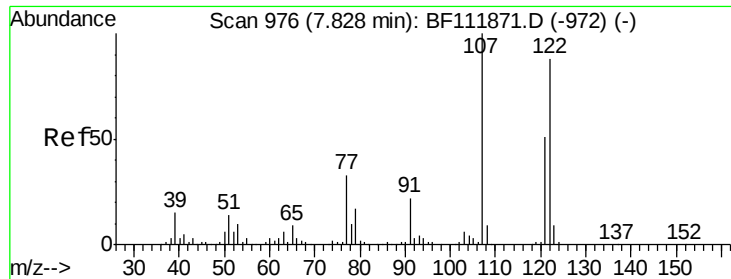


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

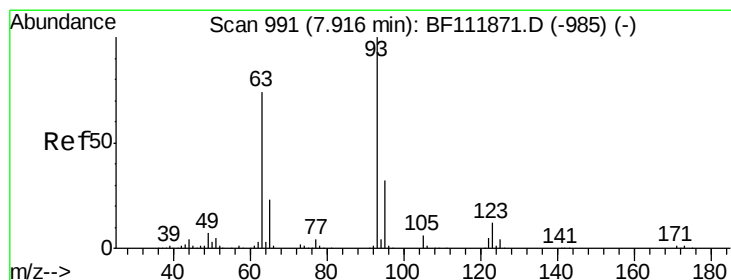
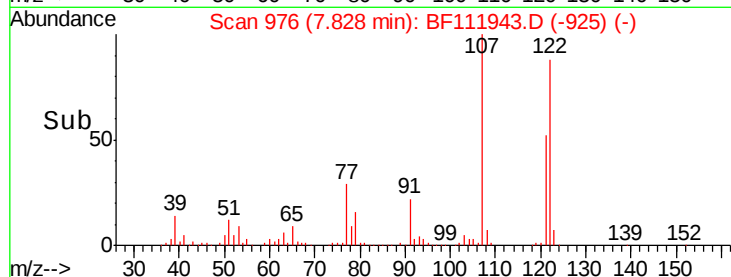
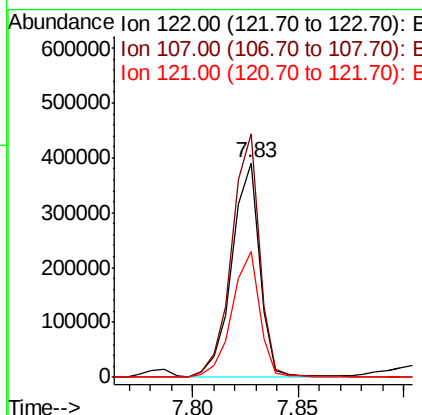
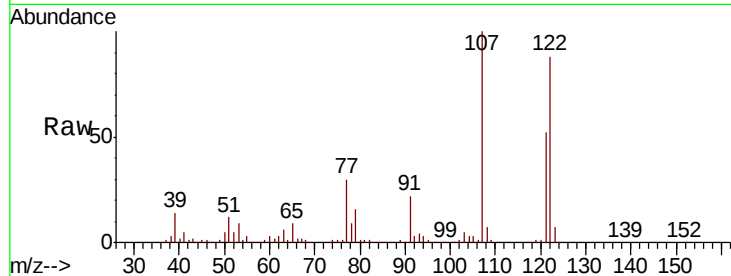




#27
2,4-Dimethylphenol
Concen: 38.309 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

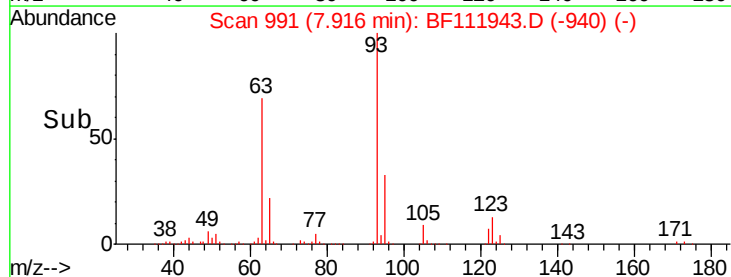
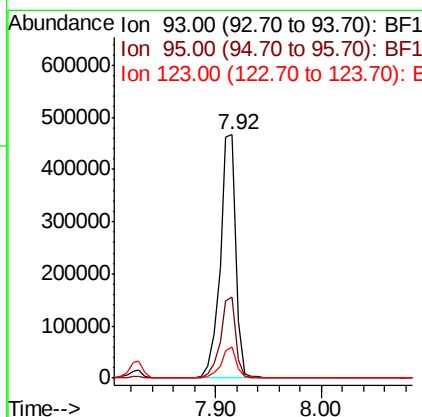
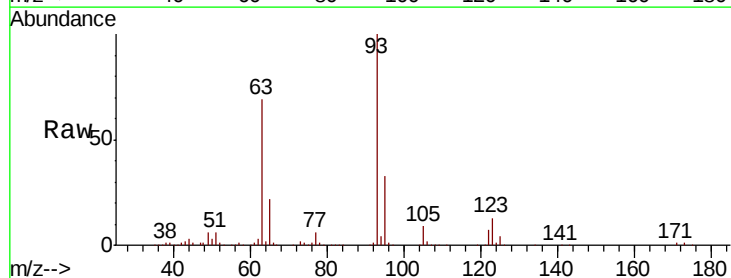
Instrument :
BNA_F
ClientSampled :

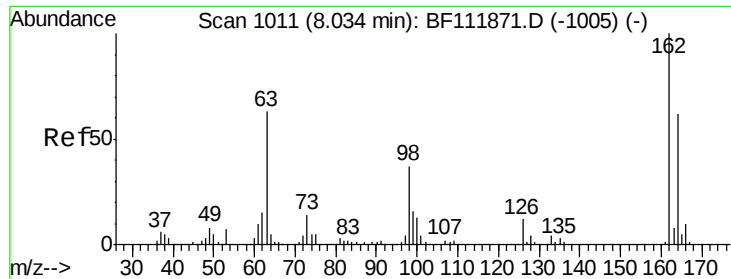
Tot Ion:122 Resp: 357059
Ion Ratio Lower Upper
122 100
107 113.5 91.0 136.6
121 58.8 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 34.837 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion: 93 Resp: 487321
Ion Ratio Lower Upper
93 100
95 33.2 25.8 38.6
123 12.7 9.5 14.3

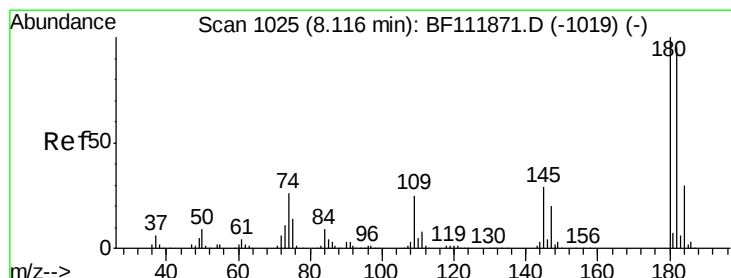
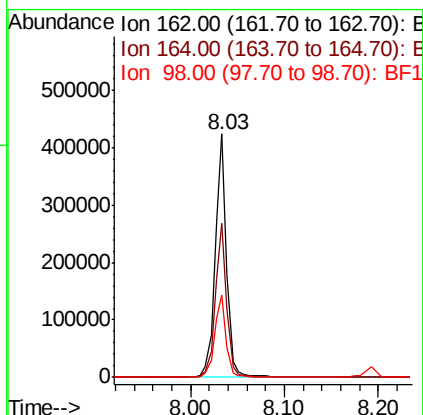
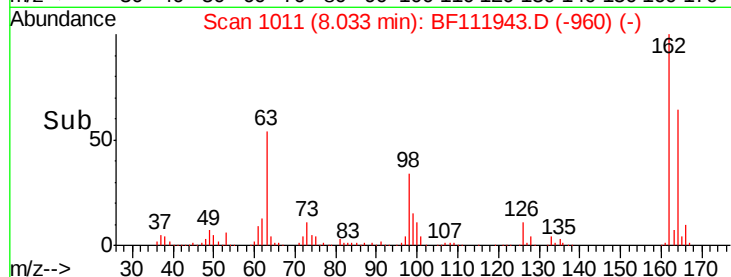
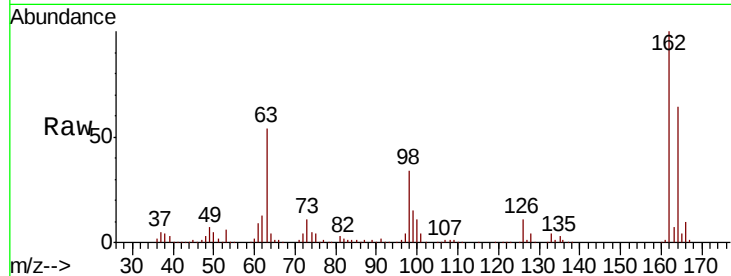




#29
2,4-Dichlorophenol
Concen: 33.972 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

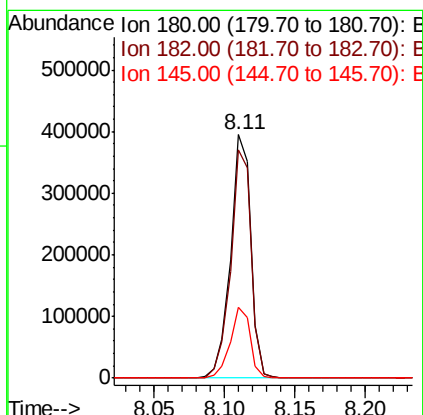
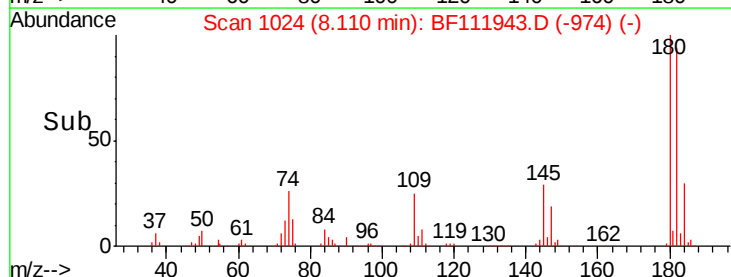
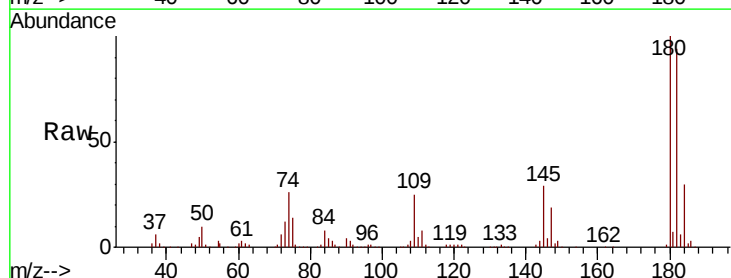
Instrument :
BNA_F
ClientSampleId :

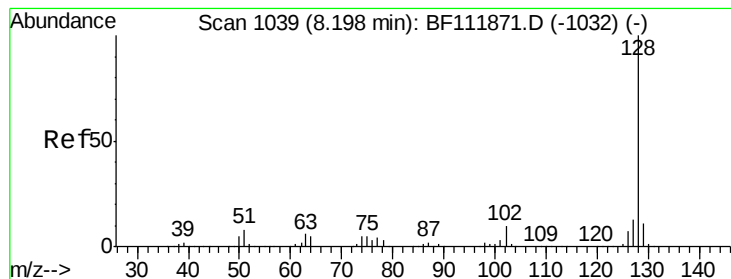
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.1	82.1
98	34.0	17.2	57.2



#30
1,2,4-Trichlorobenzene
Concen: 33.333 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.4
145	29.3	23.4	35.2





#31

Naphthalene

Concen: 34.056 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

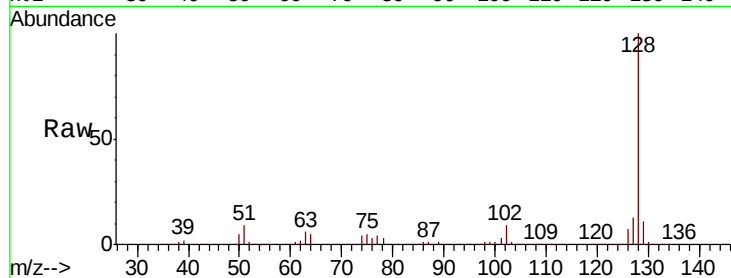
Tot Ion:128 Resp: 1118213

Ion Ratio Lower Upper

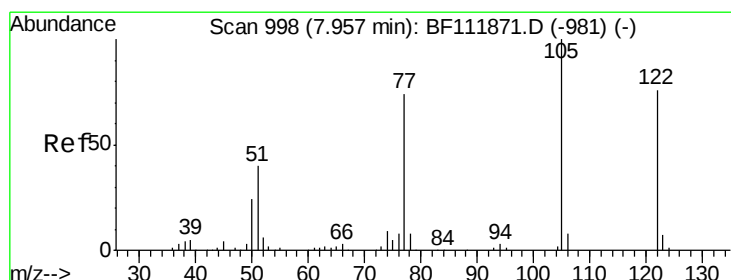
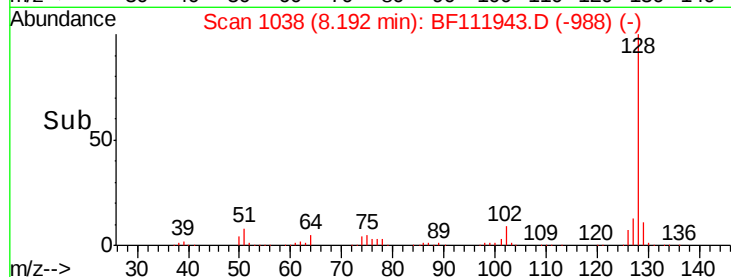
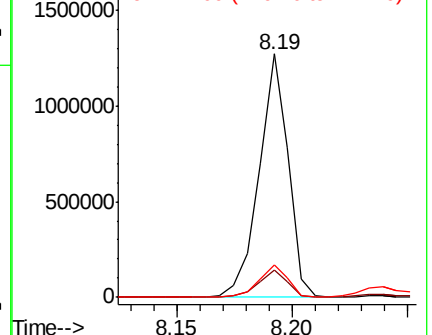
128 100

129 11.1 9.0 13.4

127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.316 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

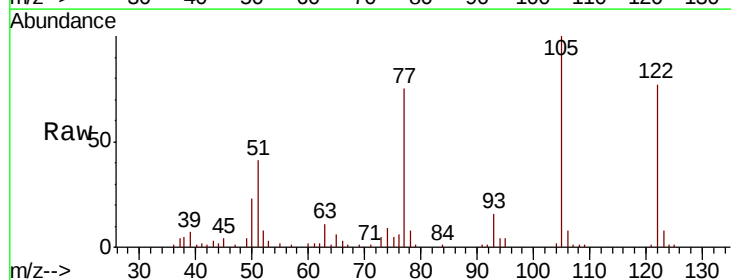
Tgt Ion:122 Resp: 92640

Ion Ratio Lower Upper

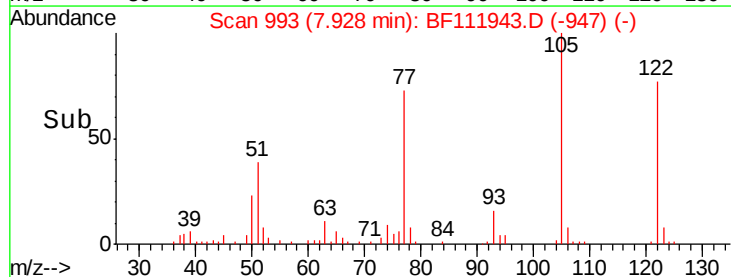
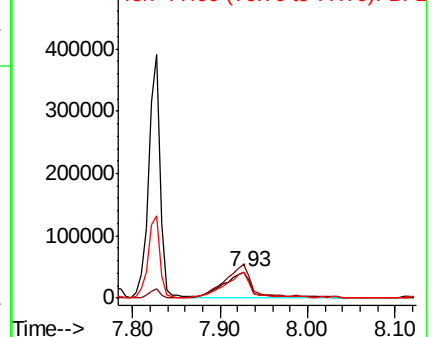
122 100

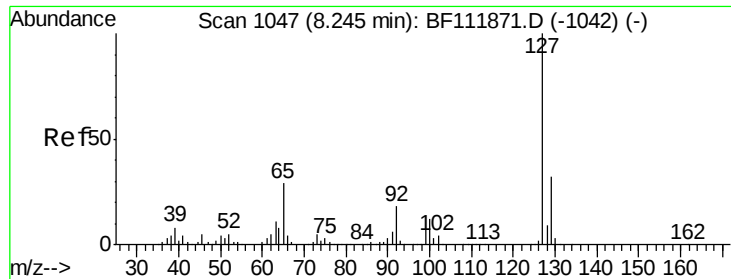
105 129.2 107.9 147.9

77 97.3 76.6 116.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

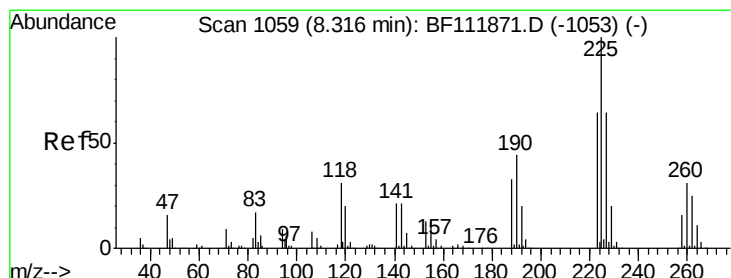
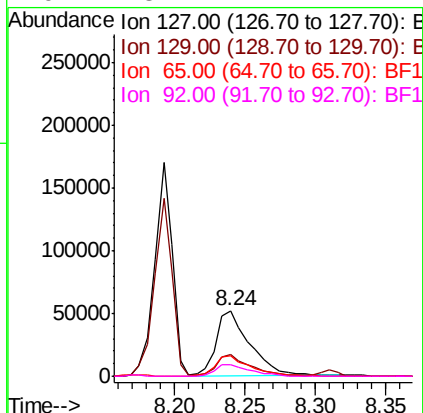
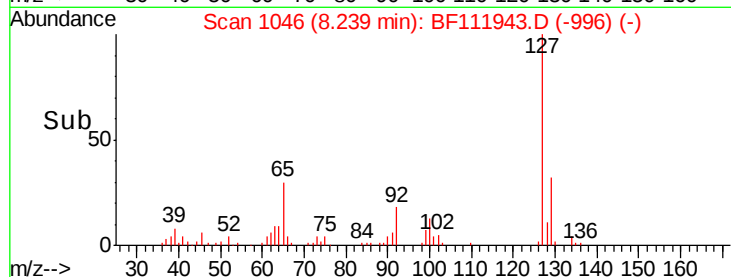
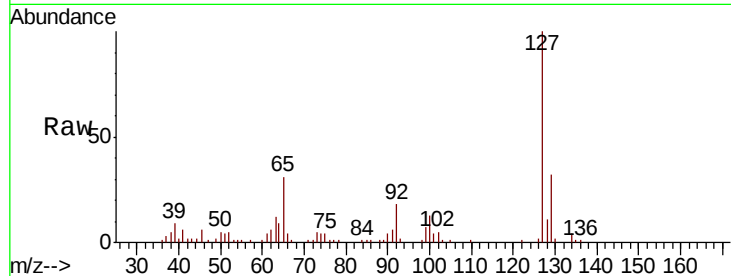




#33
4-Chloroaniline
Concen: 6.091 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

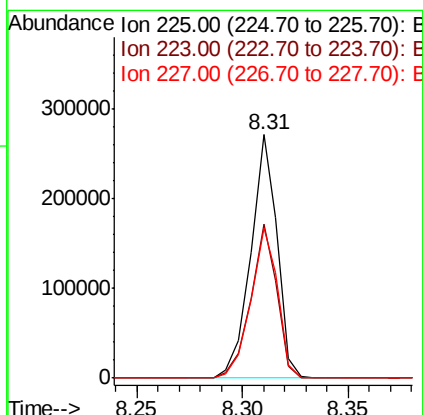
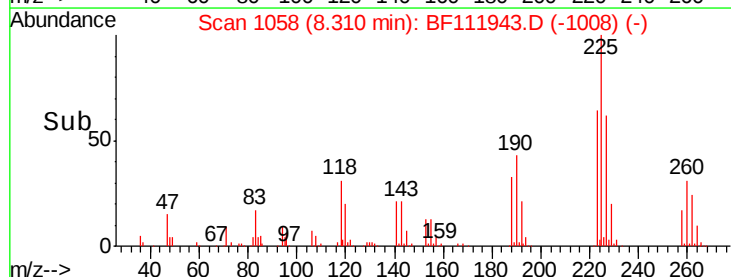
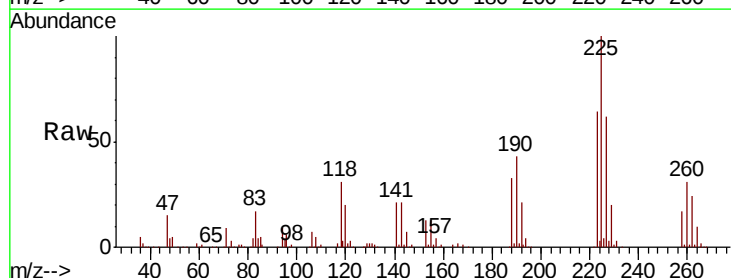
Instrument :
BNA_F
ClientSampled :

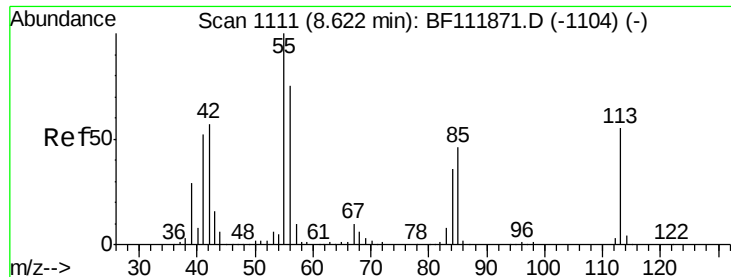
Tot Ion:	127	Resp:	86453
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	30.8	23.5	35.3
92	18.2	14.2	21.2



#34
Hexachlorobutadiene
Concen: 31.857 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:	225	Resp:	234483
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	61.9	51.4	77.0

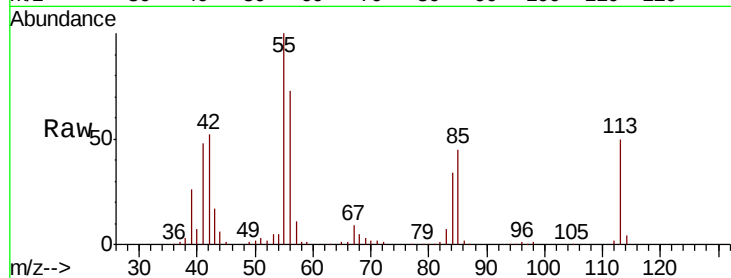




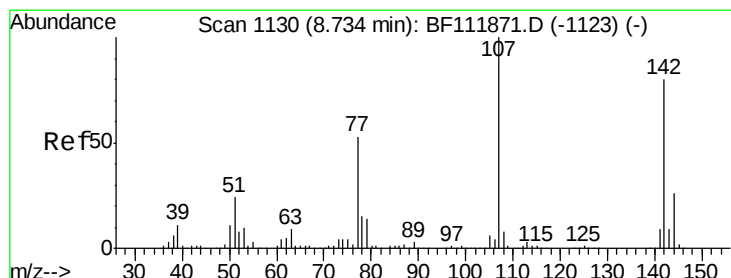
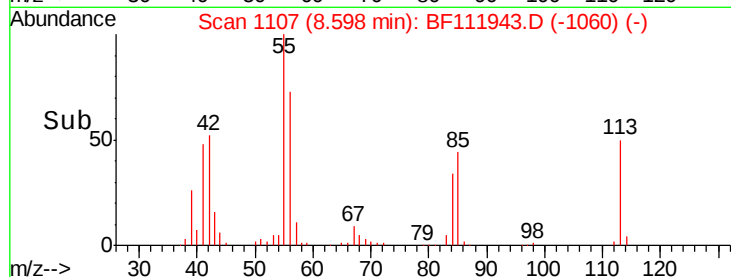
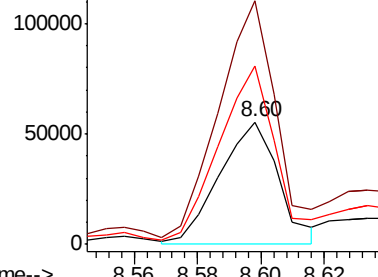
#35
Caprolactam
Concen: 20.517 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 71843
Ion Ratio Lower Upper
113 100
55 199.5 162.0 202.0
56 146.0 116.0 156.0

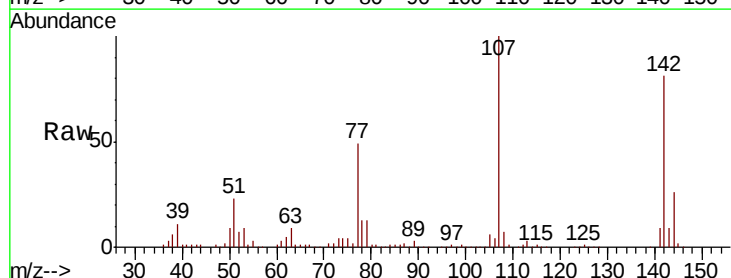


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

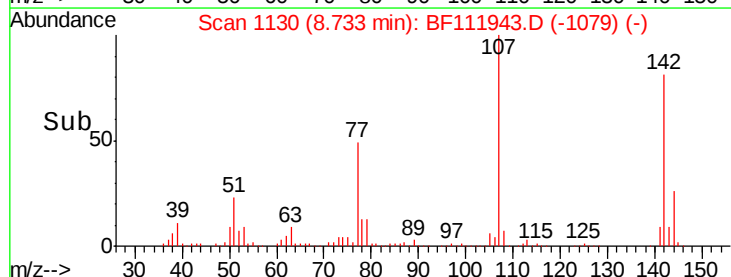
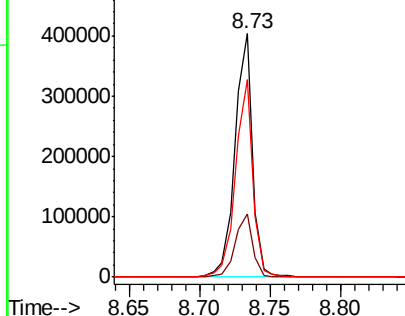


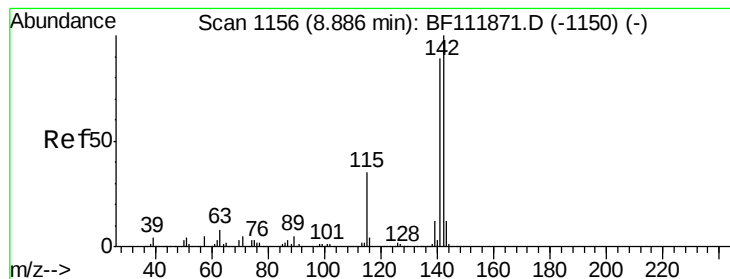
#36
4-Chloro-3-methylphenol
Concen: 32.878 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:107 Resp: 350357
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 81.1 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: 40.087 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

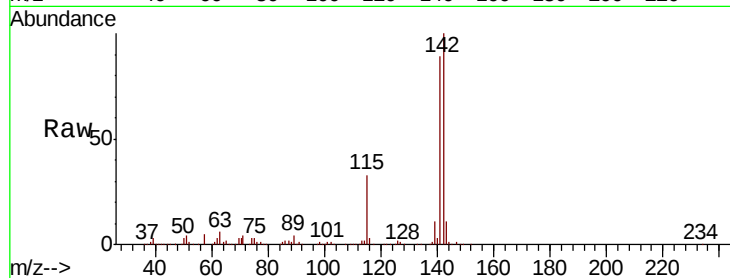
Tot Ion:142 Resp: 815612

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

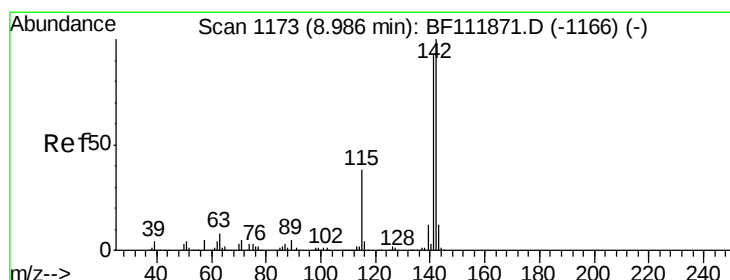
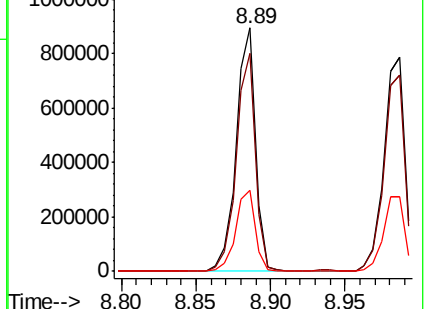
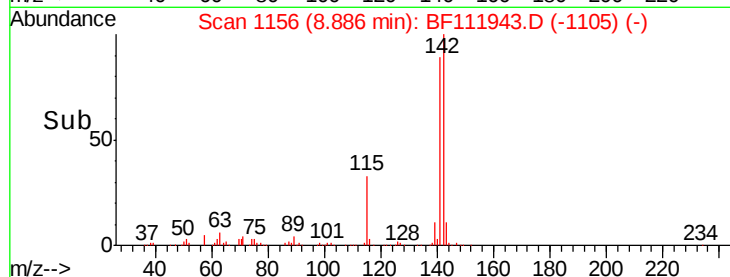
115 33.3 28.3 42.5



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: 38.520 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

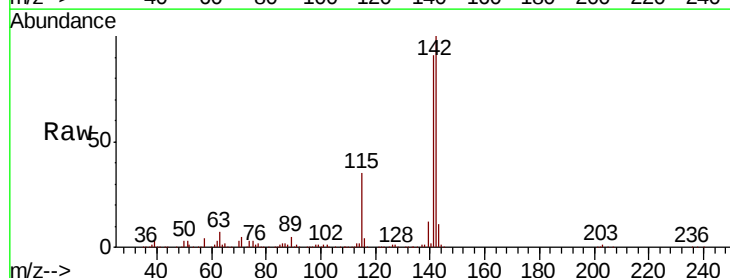
Tgt Ion:142 Resp: 751694

Ion Ratio Lower Upper

142 100

141 91.5 74.8 112.2

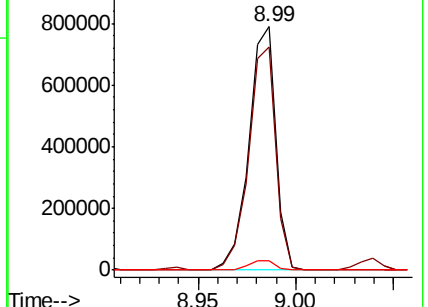
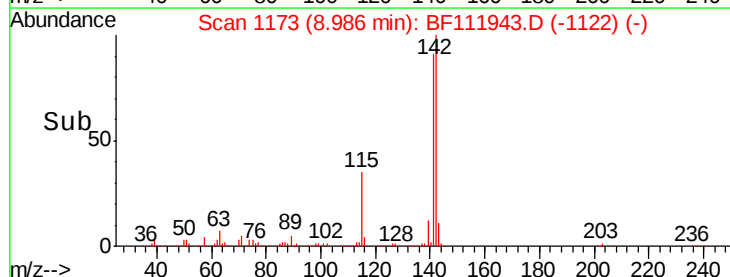
116 3.7 3.1 4.7

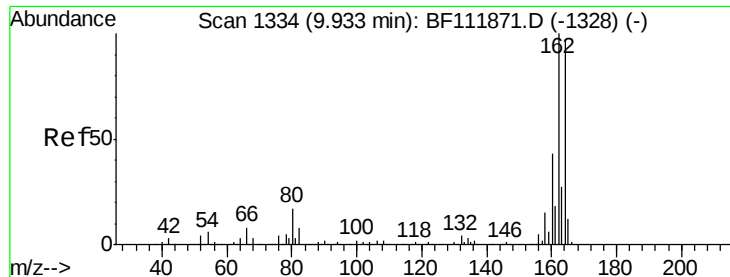


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

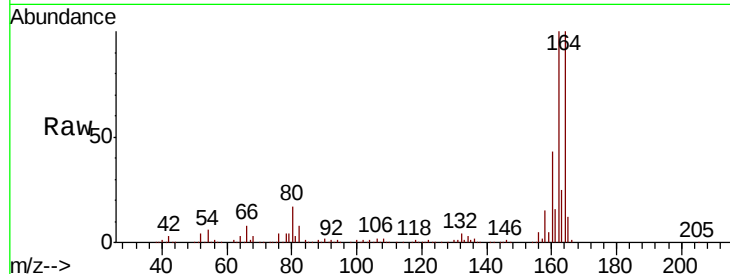




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.2	123.2
160	43.5	35.5	53.3

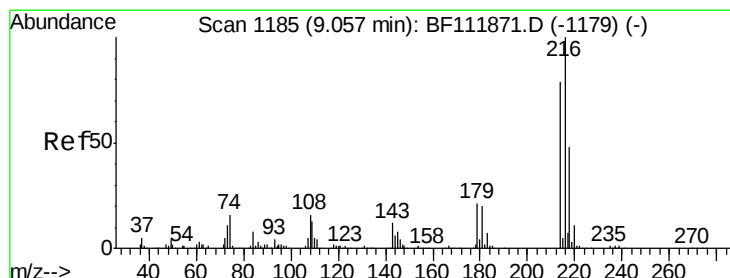
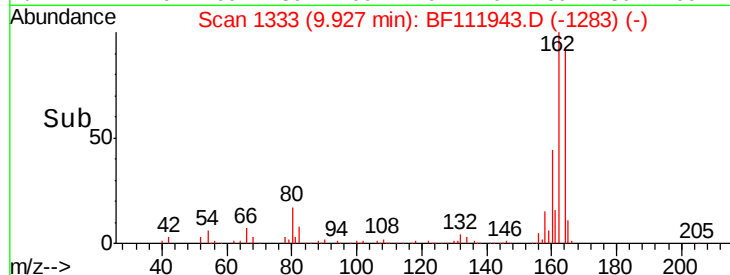
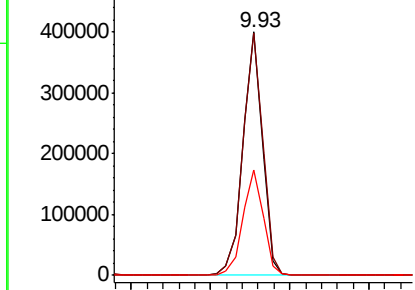


Abundance

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: 32.626 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	21.3	17.0	25.6
108	18.1	14.6	22.0

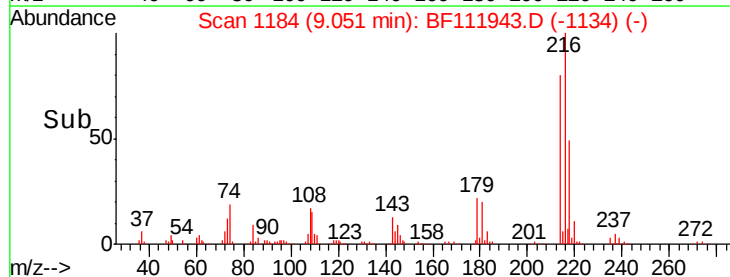
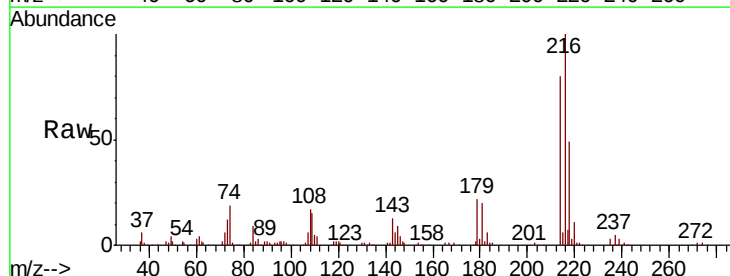
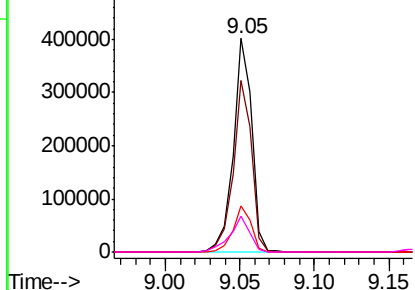
Abundance

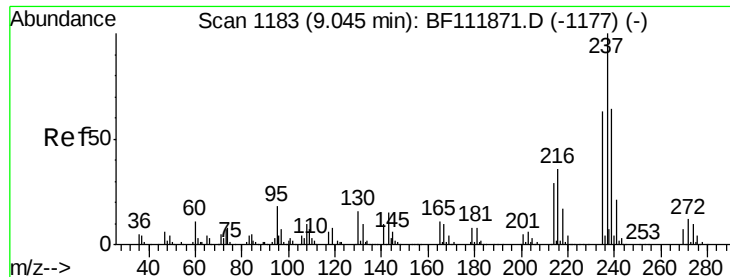
Ion 216.00 (215.70 to 216.70): E

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: 45.873 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

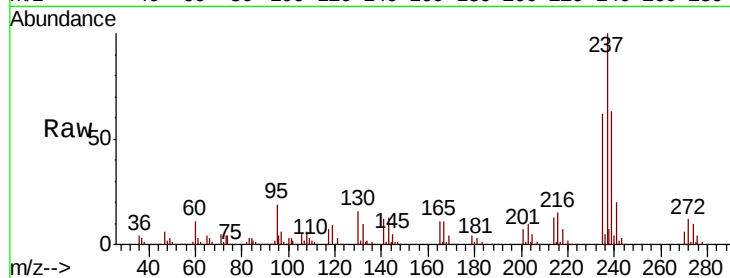
Tot Ion:237 Resp: 285888

Ion Ratio Lower Upper

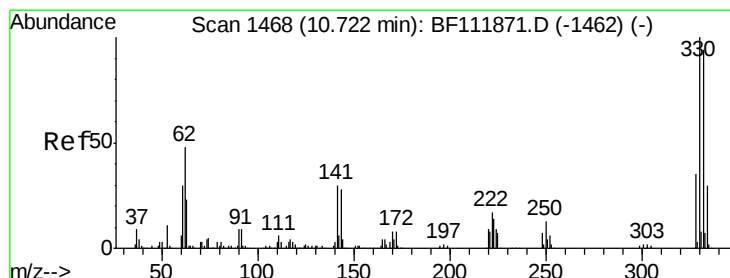
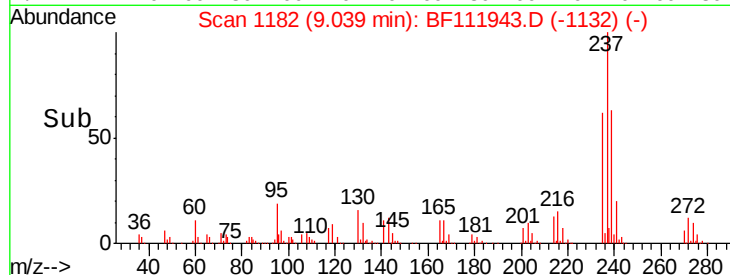
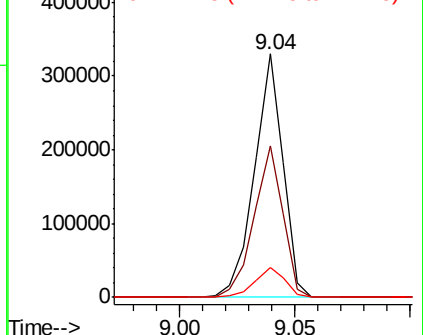
237 100

235 62.3 42.6 82.6

272 12.2 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: 83.472 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

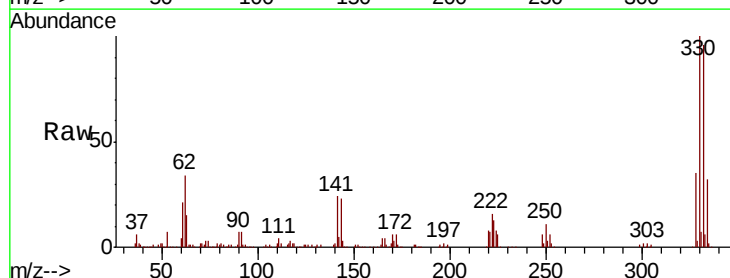
Tgt Ion:330 Resp: 367075

Ion Ratio Lower Upper

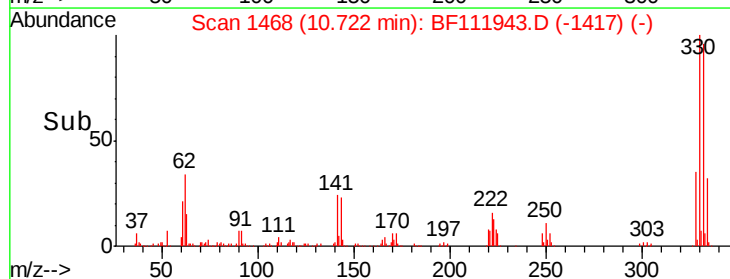
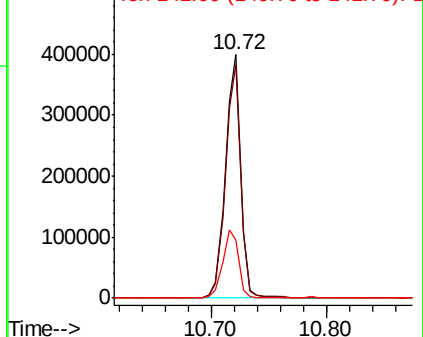
330 100

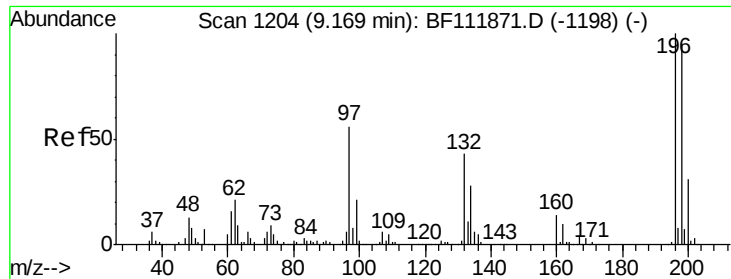
332 96.0 76.9 115.3

141 29.2 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

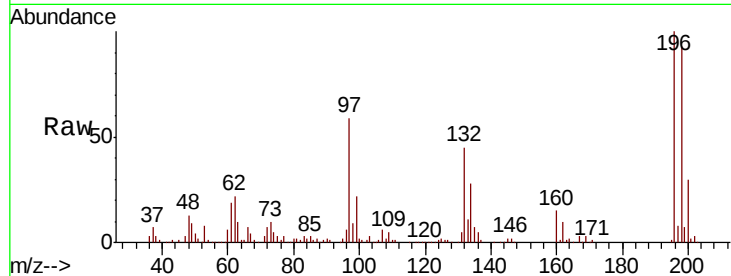




#43
 2,4,6-Trichlorophenol
 Concen: 33.616 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	245762
Ion Ratio	Lower	Upper	
196	100		
198	93.2	75.8	113.8
200	30.2	24.5	36.7

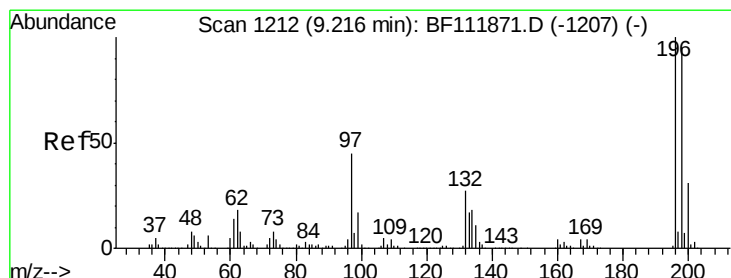
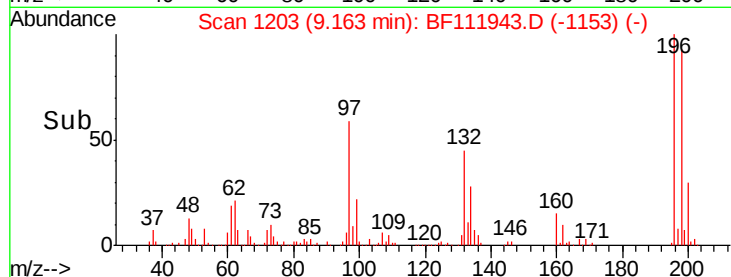
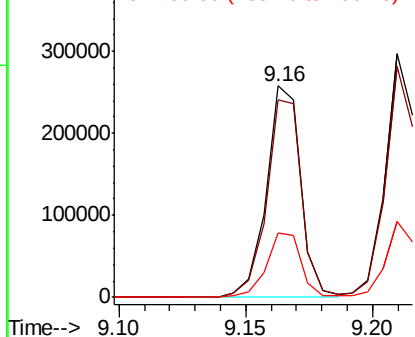


Abundance

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: 34.010 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	196	Resp	260503
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.2
97	49.7	36.4	54.6
132	27.5	21.7	32.5

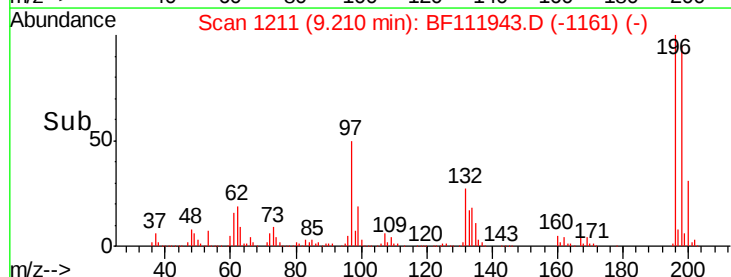
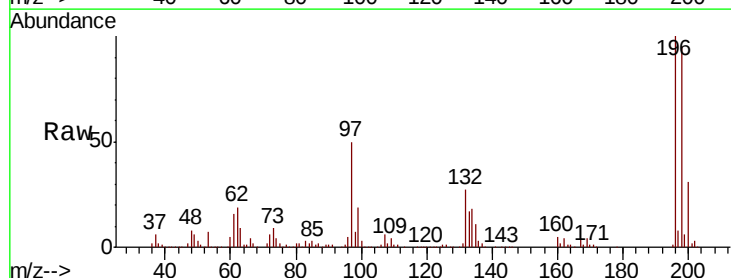
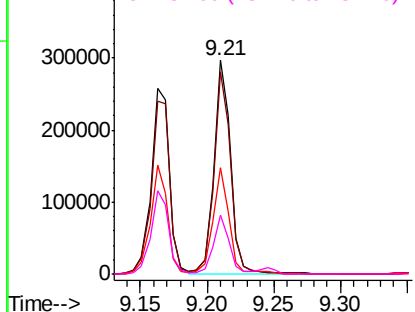
Abundance

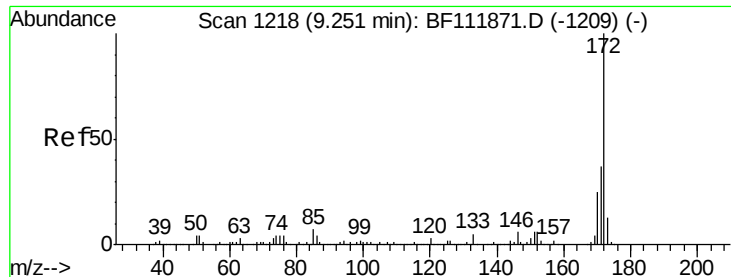
Ion 196.00 (195.70 to 196.70): E

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

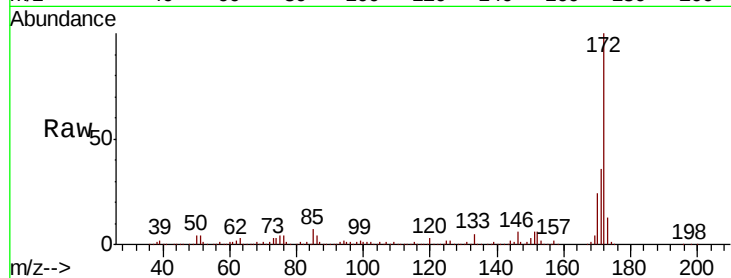




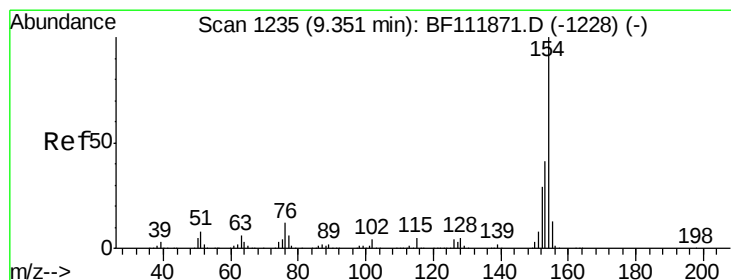
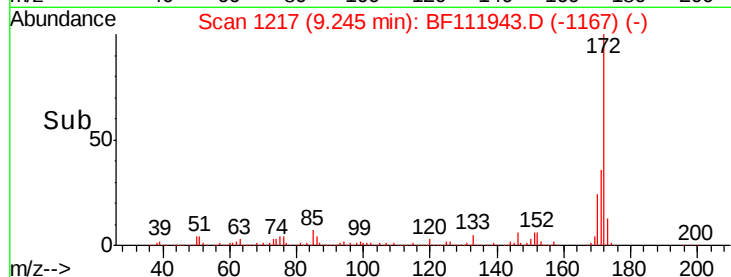
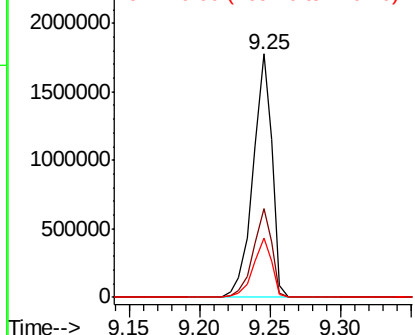
#45
2-Fluorobiphenyl
Concen: 72.453 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1679886
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.8 29.8

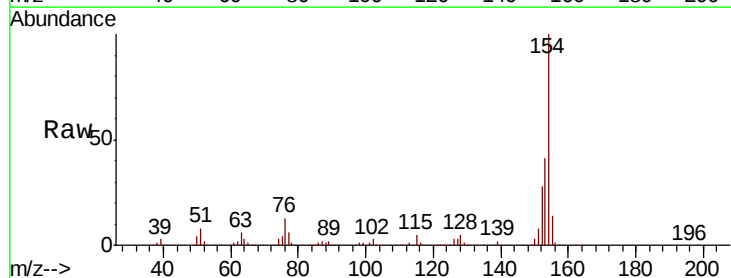


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

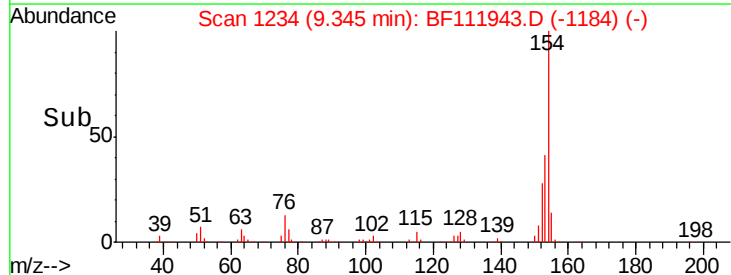
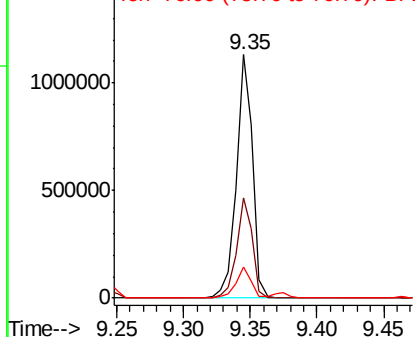


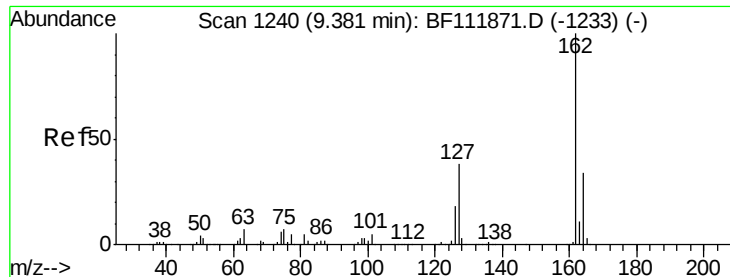
#46
1,1'-Biphenyl
Concen: 33.791 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:154 Resp: 955652
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 12.7 0.0 32.3



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

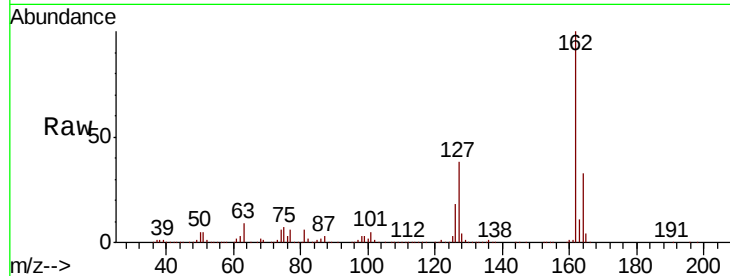




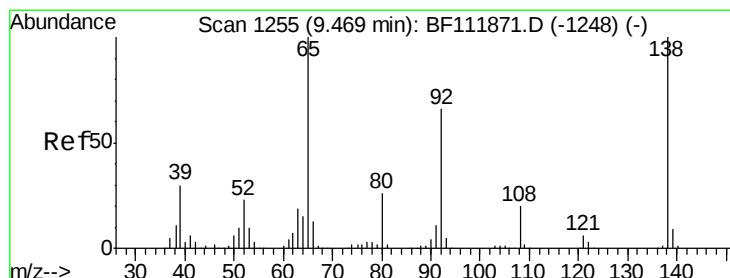
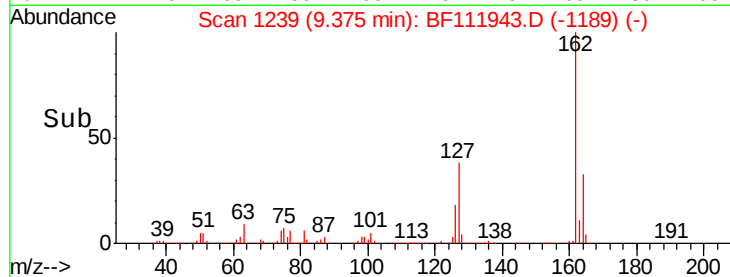
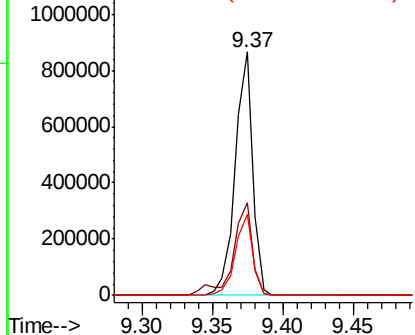
#47
2-Chloronaphthalene
Concen: 33.549 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.2	46.8
164	33.4	27.0	40.6

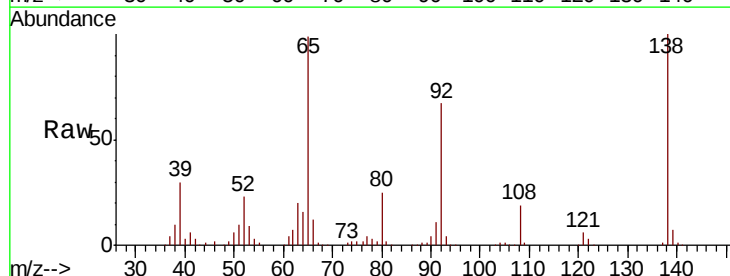


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

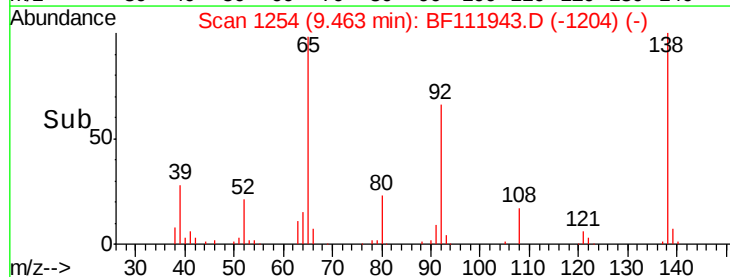
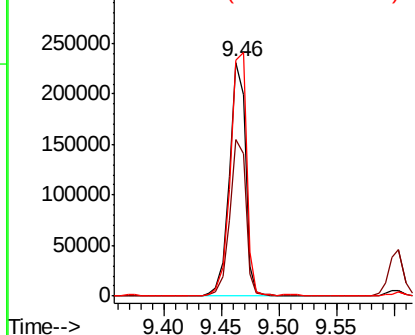


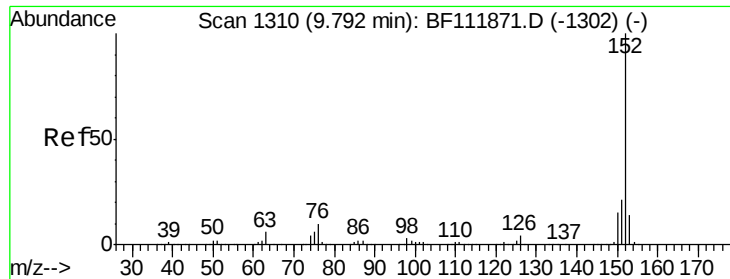
#48
2-Nitroaniline
Concen: 32.957 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	52.5	78.7
138	101.2	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: 34.968 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

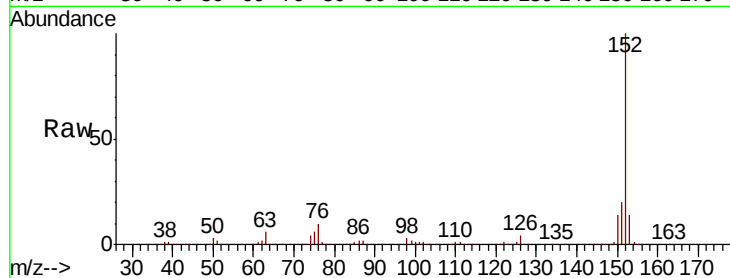
Tot Ion:152 Resp: 1147490

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

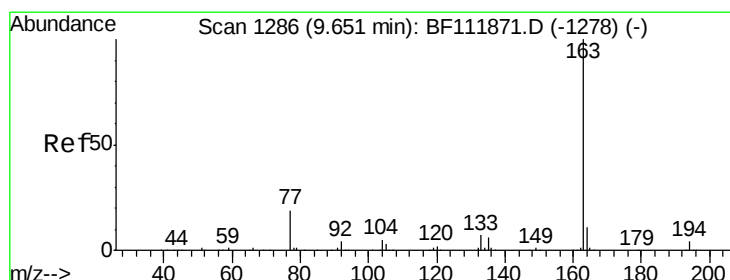
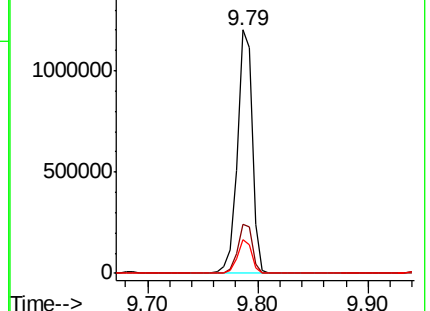
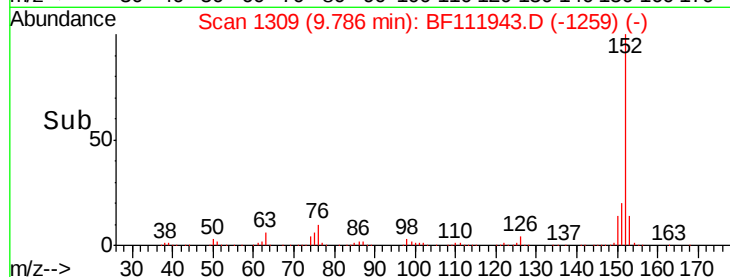
153 13.6 11.0 16.4



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: 36.178 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

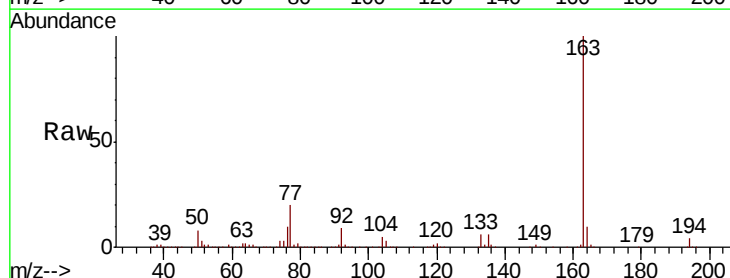
Tgt Ion:163 Resp: 918845

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

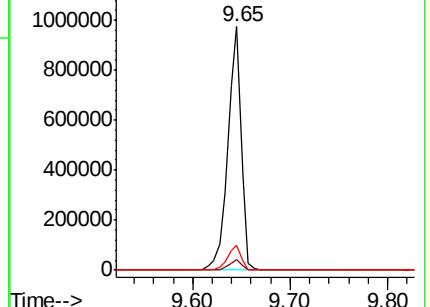
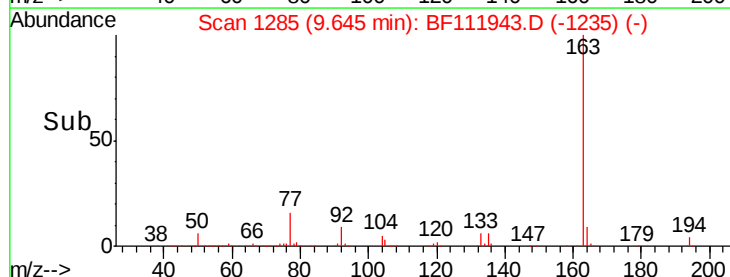
164 9.9 8.5 12.7

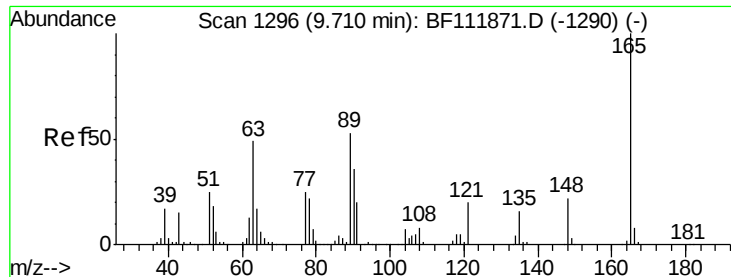


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

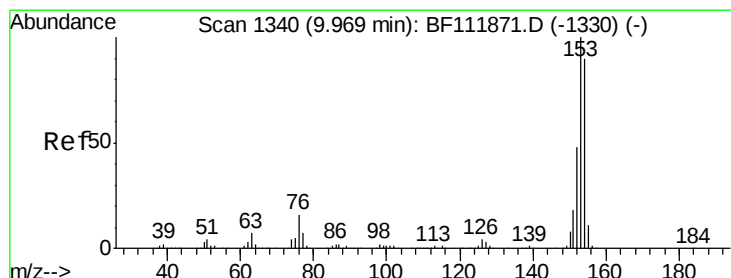
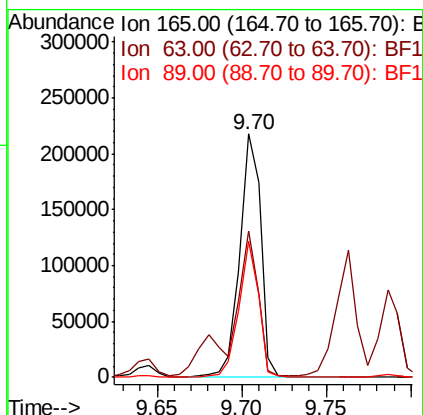
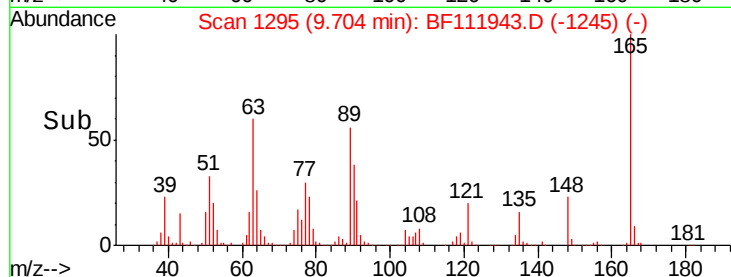
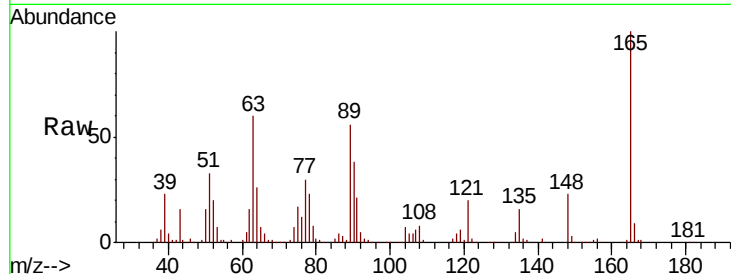




#51
 2,6-Dinitrotoluene
 Concen: 33.256 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

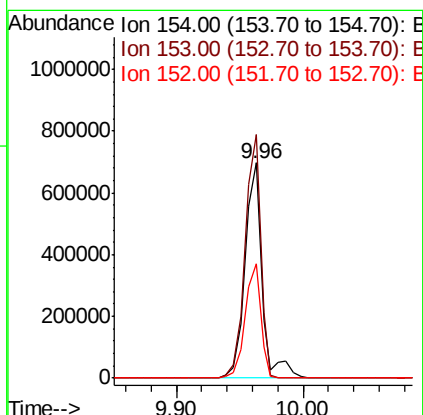
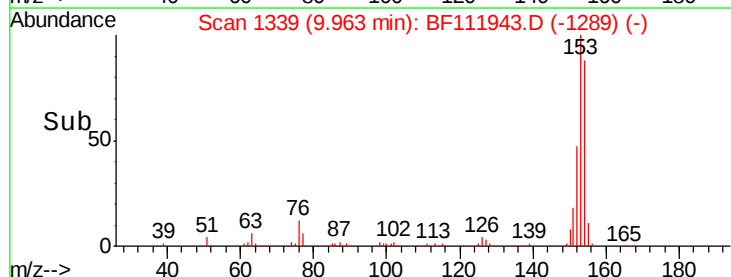
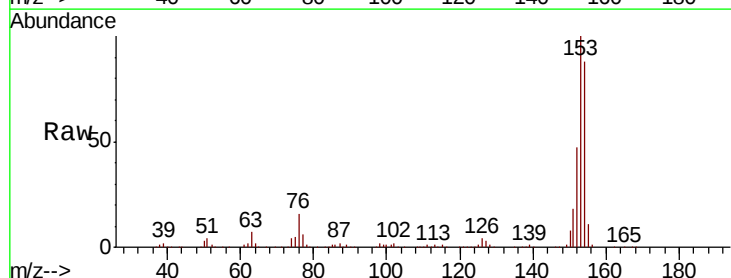
Instrument :
 BNA_F
 ClientSampled :

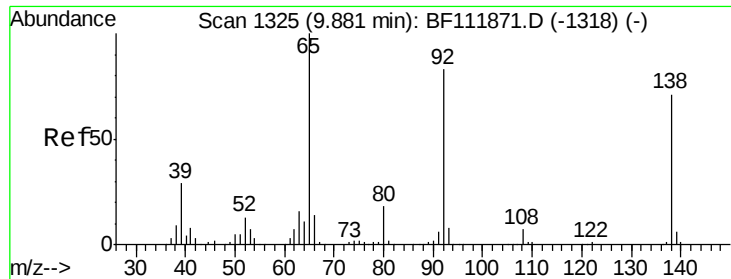
Tot Ion:165 Resp: 188881
 Ion Ratio Lower Upper
 165 100
 63 60.1 46.2 69.2
 89 56.1 42.2 63.2



#52
 Acenaphthene
 Concen: 30.698 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:154 Resp: 649423
 Ion Ratio Lower Upper
 154 100
 153 113.1 89.4 134.0
 152 53.3 43.1 64.7

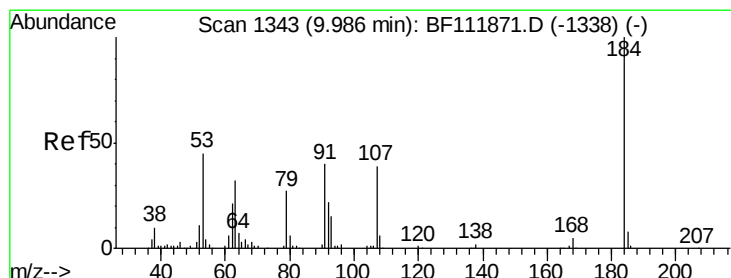
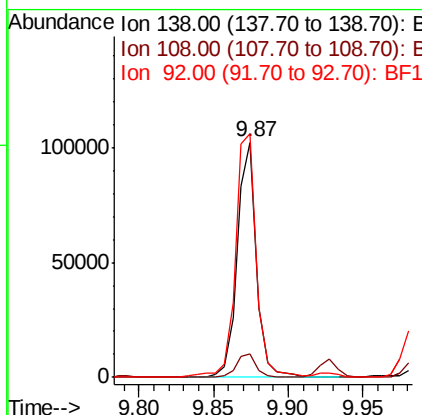
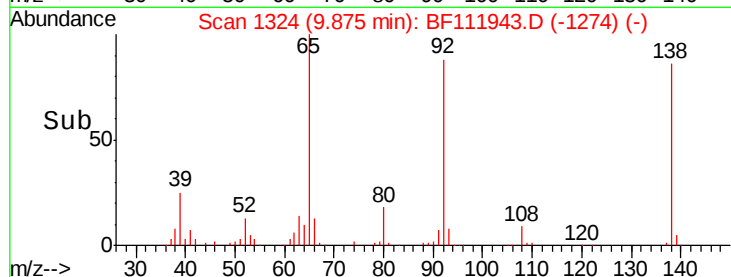
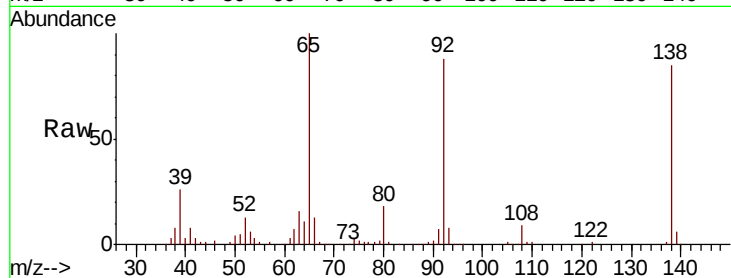




#53
 3-Nitroaniline
 Concen: 15.157 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

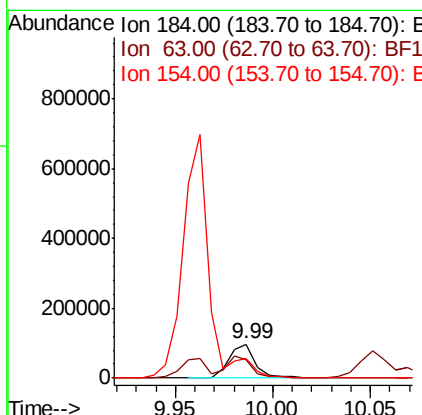
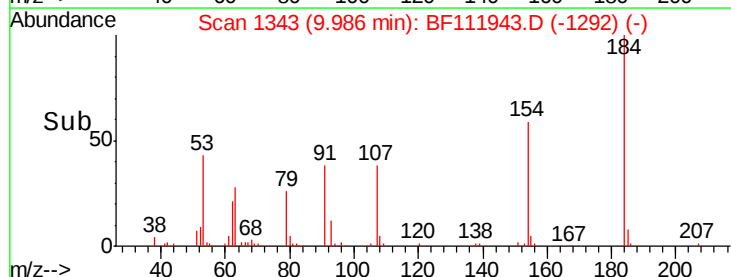
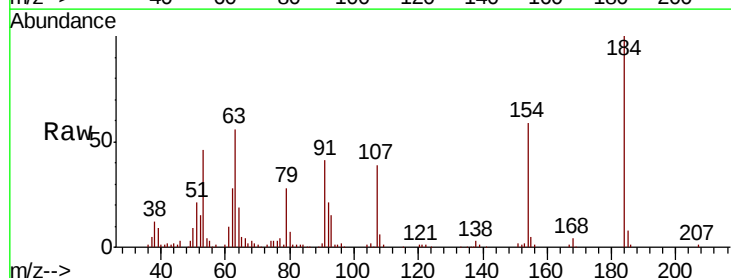
Instrument :
 BNA_F
 ClientSampleId :

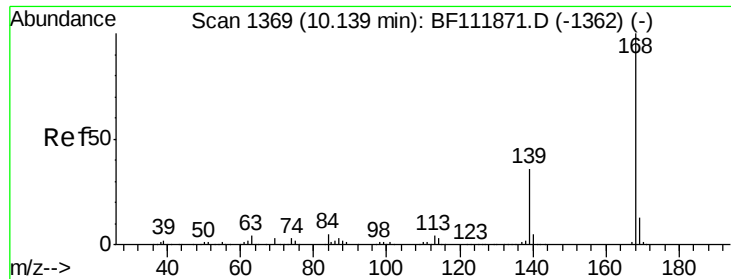
Tot Ion:138 Resp: 92191
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.2 12.4
 92 103.7 93.5 140.3



#54
 2,4-Dinitrophenol
 Concen: 38.217 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:184 Resp: 91909
 Ion Ratio Lower Upper
 184 100
 63 56.0 46.9 70.3
 154 58.6 46.9 70.3

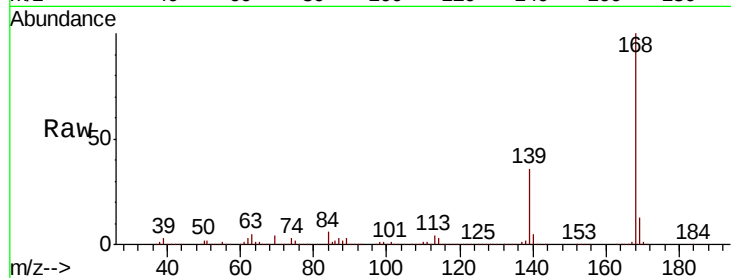




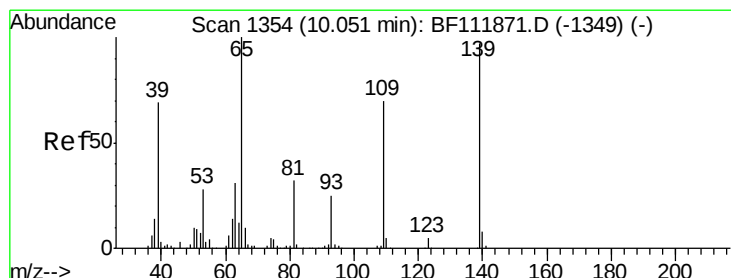
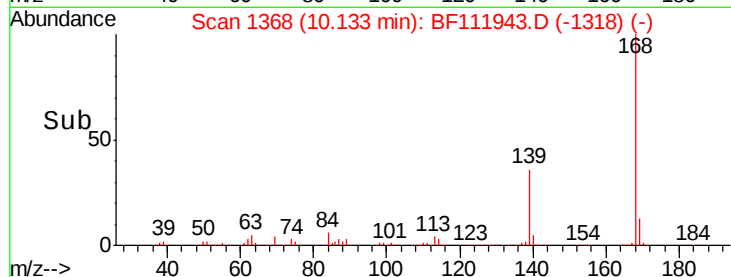
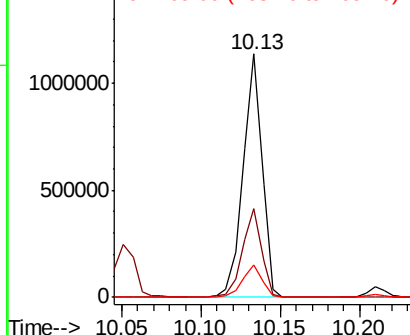
#55
Dibenzofuran
Concen: 30.662 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 943354
Ion Ratio Lower Upper
168 100
139 36.3 29.3 43.9
169 13.2 10.6 16.0

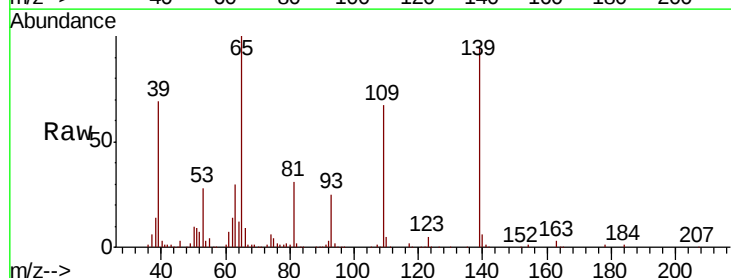


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

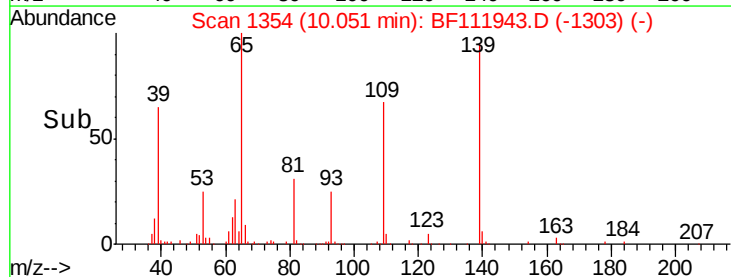
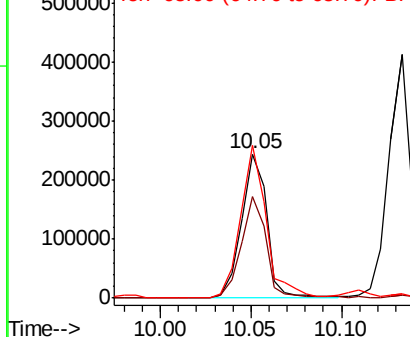


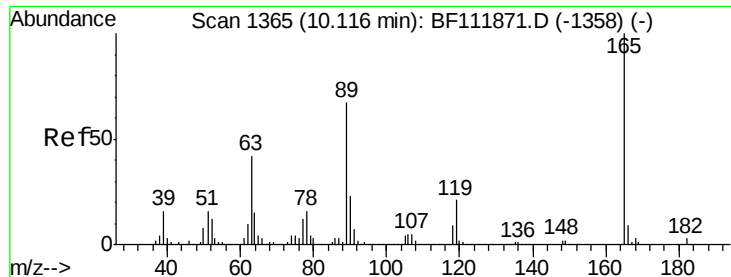
#56
4-Nitrophenol
Concen: 55.463 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:139 Resp: 238358
Ion Ratio Lower Upper
139 100
109 70.2 52.2 92.2
65 105.5 83.1 123.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

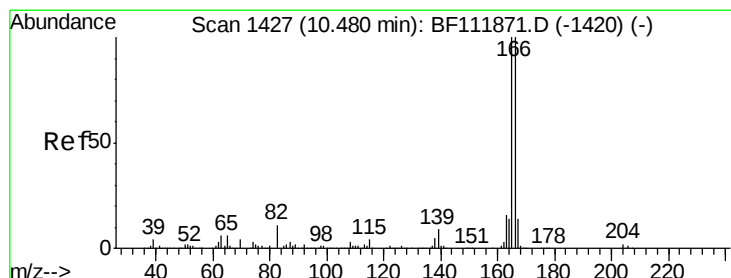
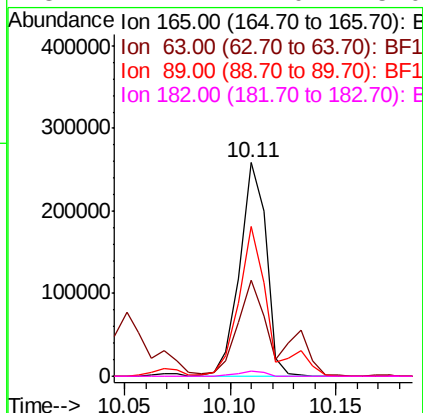
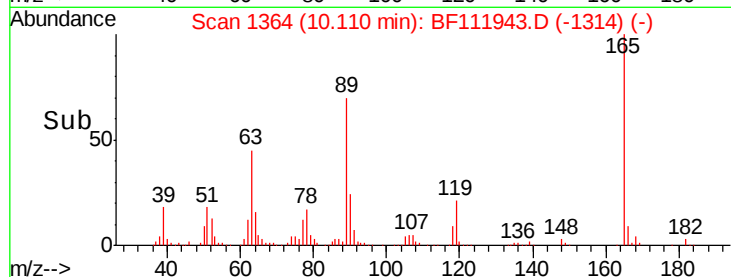
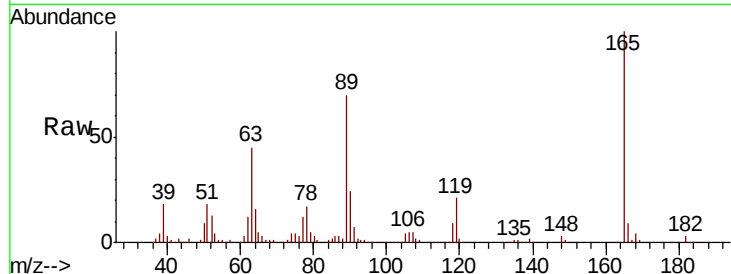




#57
2,4-Dinitrotoluene
Concen: 30.846 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

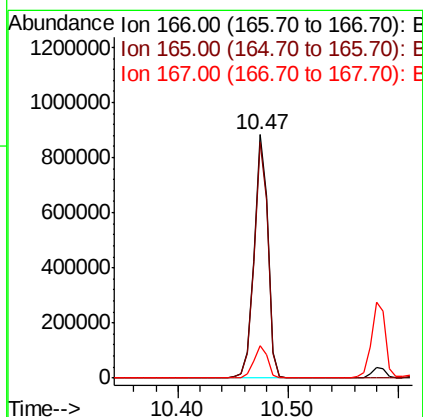
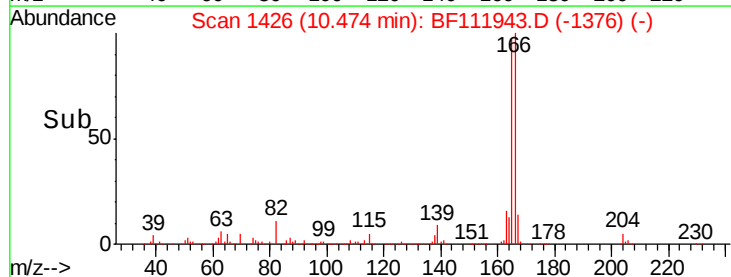
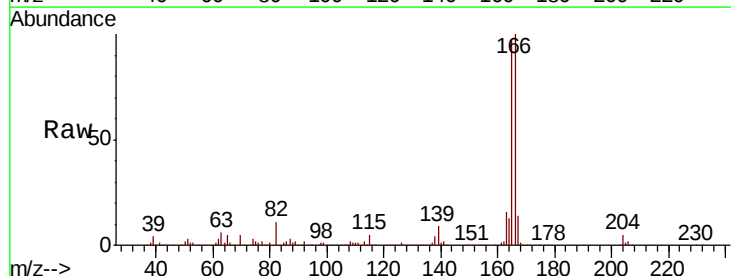
Instrument :
BNA_F
ClientSampleId :

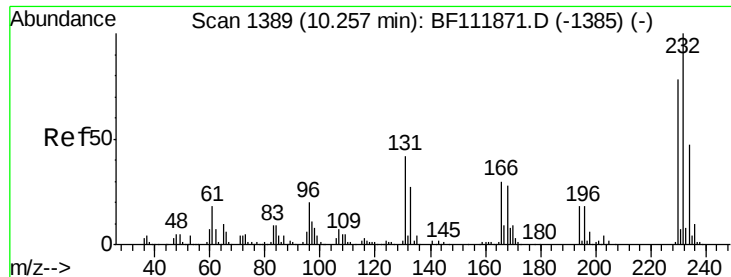
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	34.1	51.1
89	69.9	53.5	80.3
182	2.7	2.0	3.0



#58
Fluorene
Concen: 34.579 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.7	119.5
167	13.6	11.1	16.7

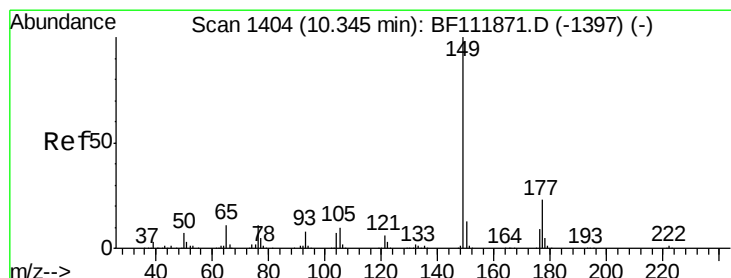
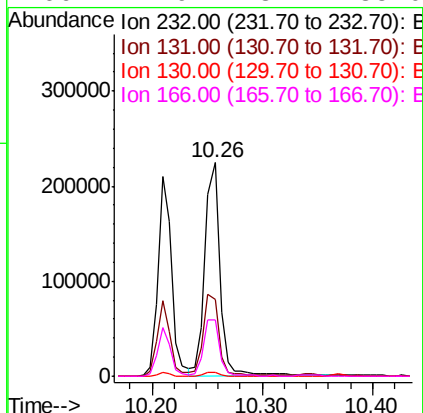
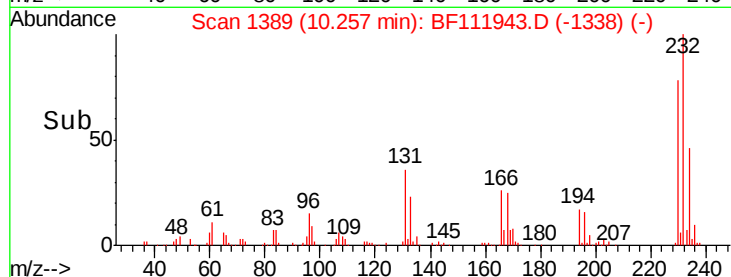
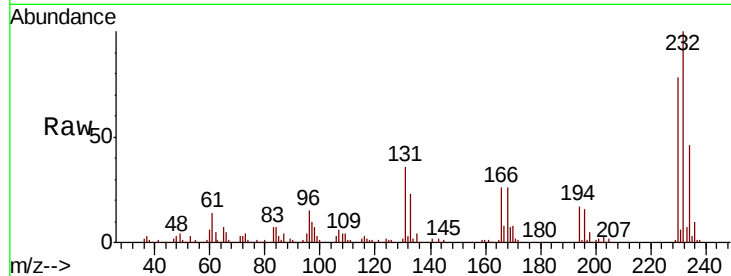




#59
2,3,4,6-Tetrachlorophenol
Concen: 31.956 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

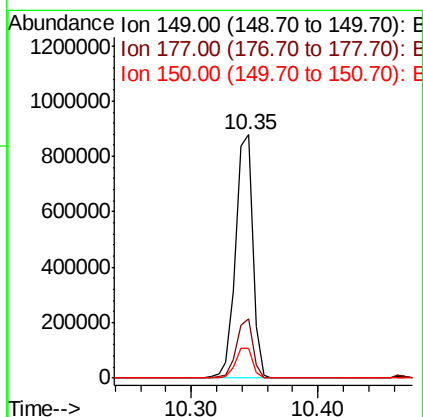
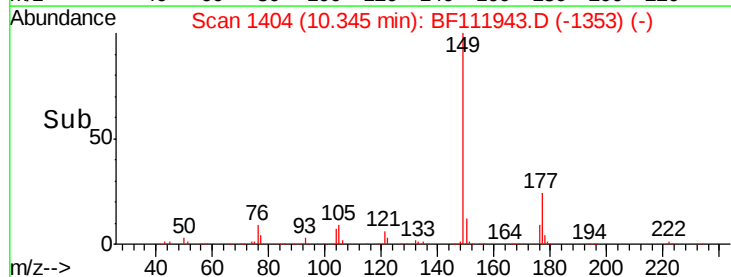
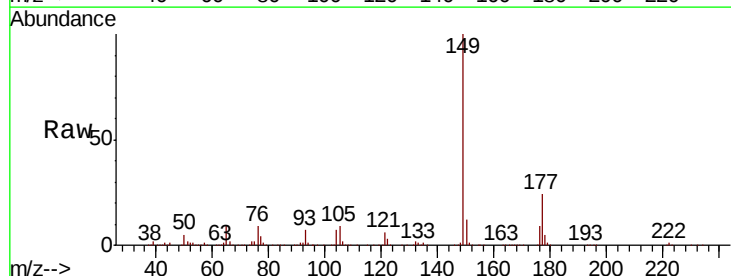
Instrument :
BNA_F
ClientSampleId :

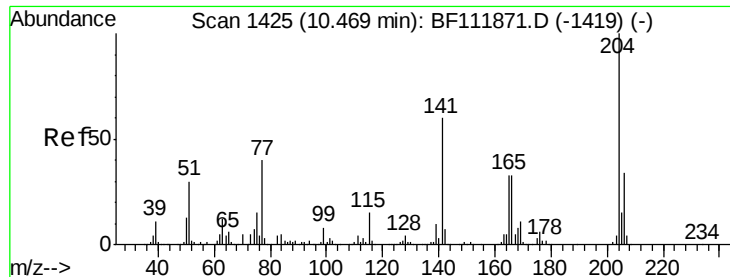
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	34.0	51.0
130	1.9	1.6	2.4
166	27.9	23.4	35.0



#60
Diethylphthalate
Concen: 33.193 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.3	10.2	15.4

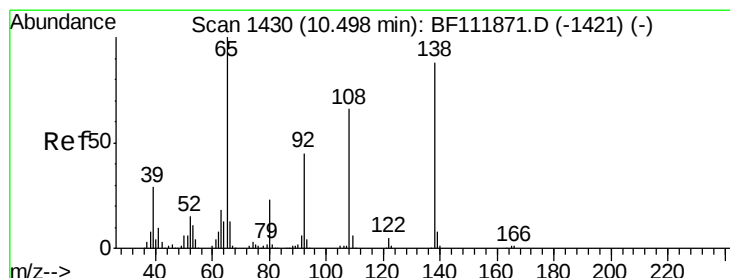
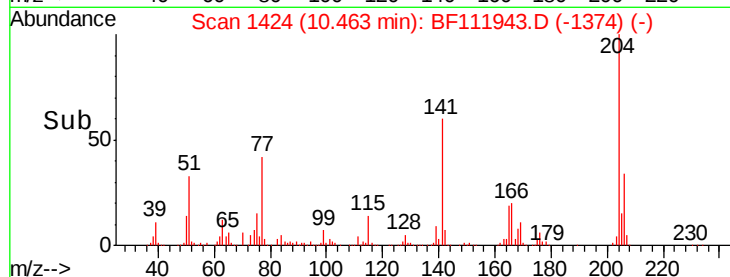
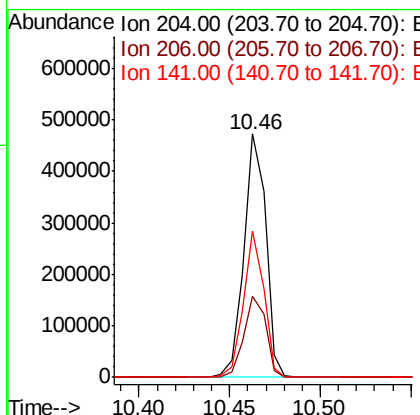
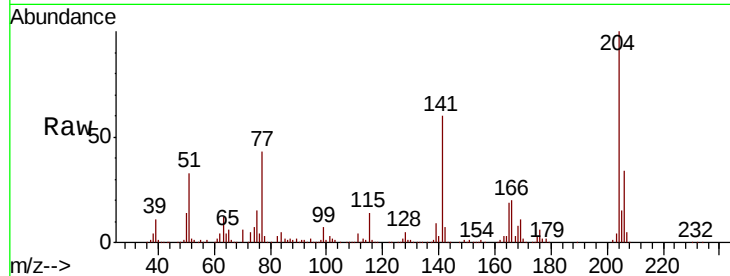




#61
4-Chlorophenyl-phenylether
Concen: 31.421 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

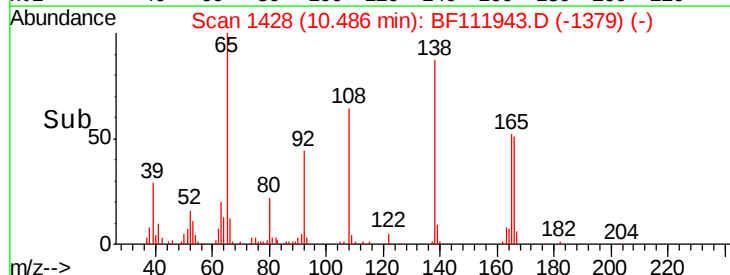
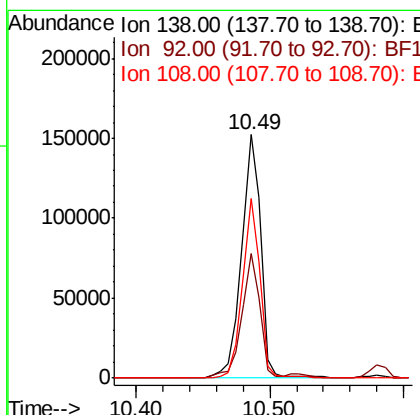
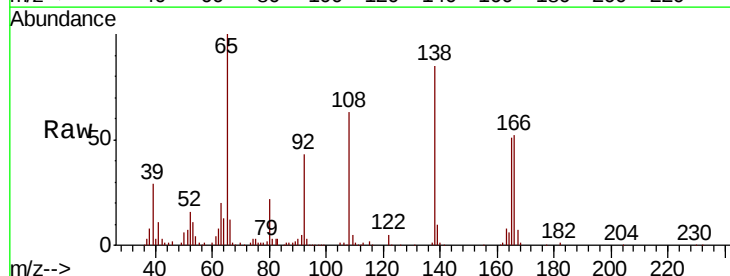
Instrument :
BNA_F
ClientSampled :

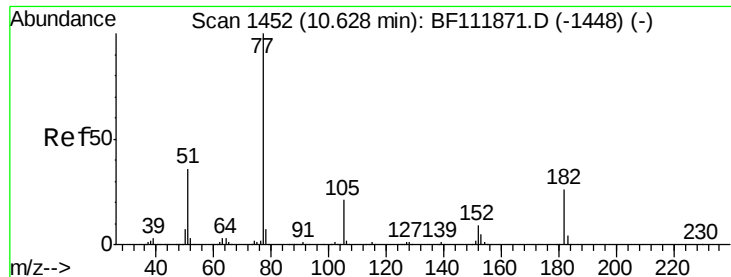
Tot Ion:204 Resp: 394451
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 60.3 47.9 71.9



#62
4-Nitroaniline
Concen: 26.467 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:138 Resp: 152690
Ion Ratio Lower Upper
138 100
92 51.0 31.0 71.0
108 73.8 54.7 94.7





#63

Azobenzene

Concen: 30.852 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 724412

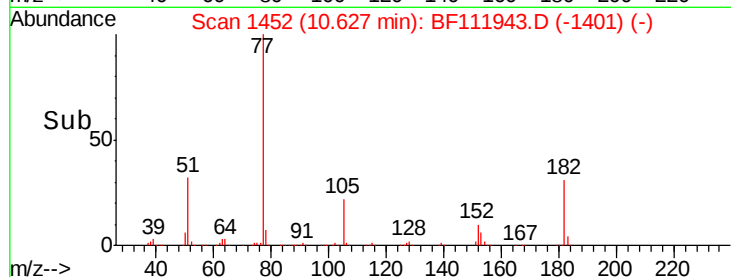
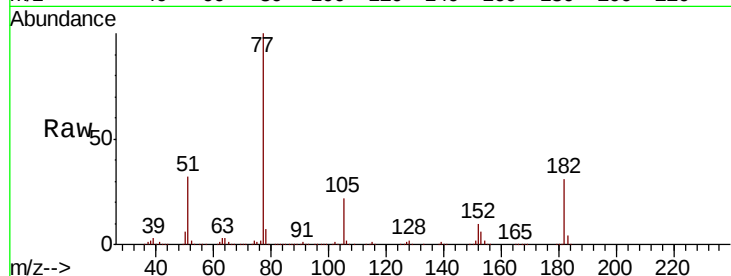
Ion Ratio Lower Upper

77 100

182 31.1 5.7 45.7

105 22.3 0.8 40.8

51 31.9 15.6 55.6

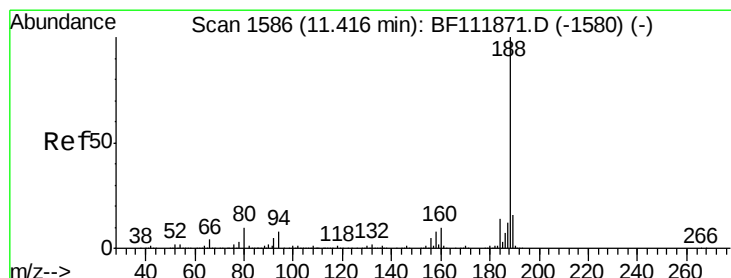
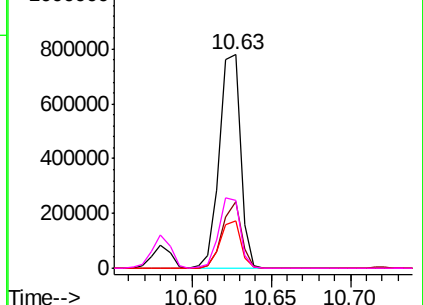


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

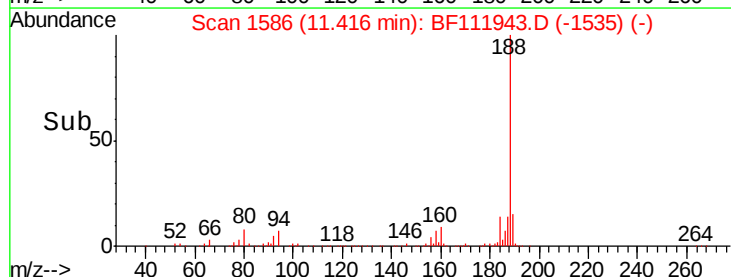
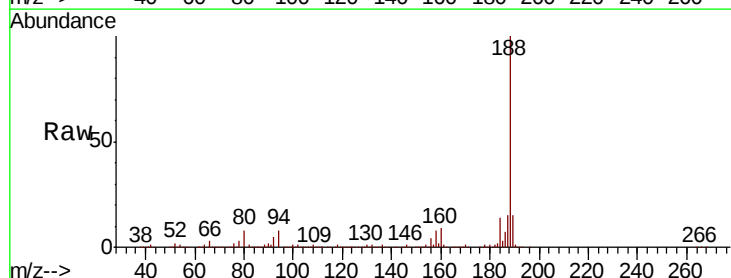
Tgt Ion: 188 Resp: 518897

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

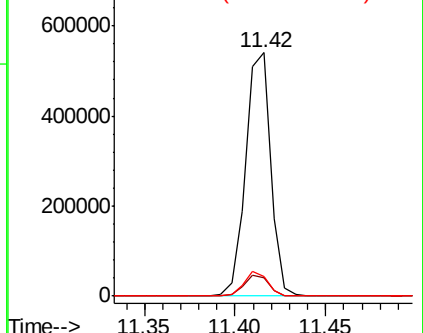
80 8.1 7.7 11.5

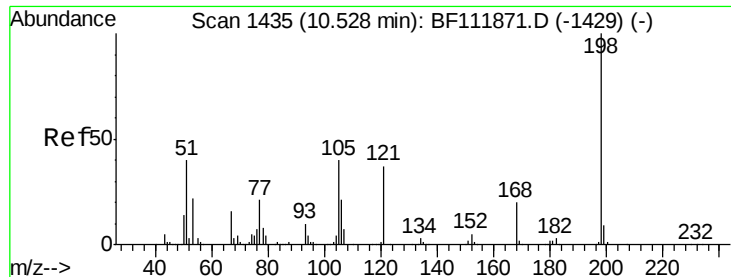


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

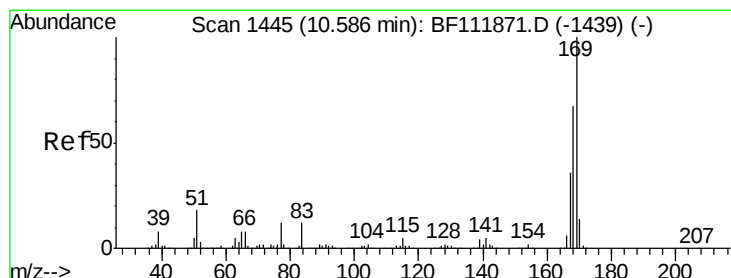
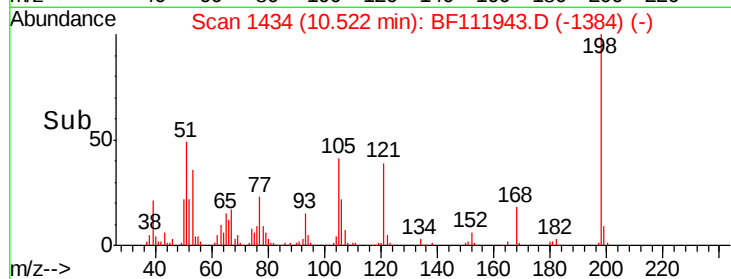
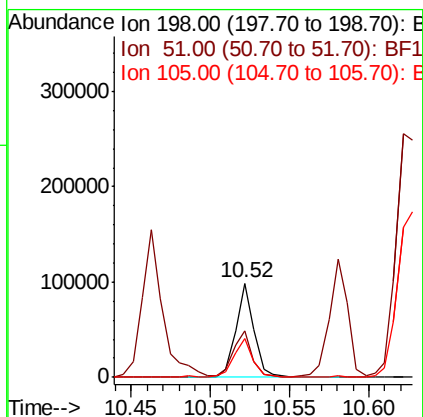
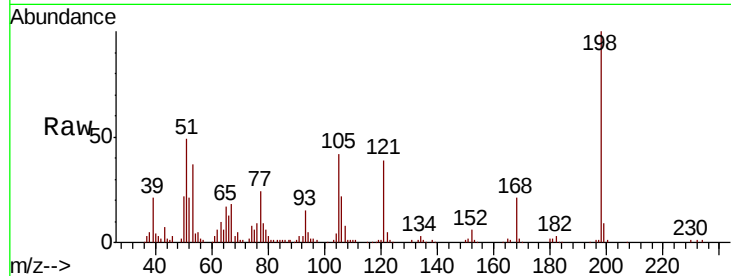




#65
4,6-Dinitro-2-methylphenol
Concen: 24.557 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

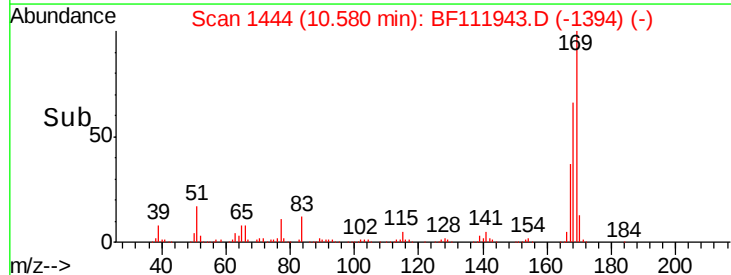
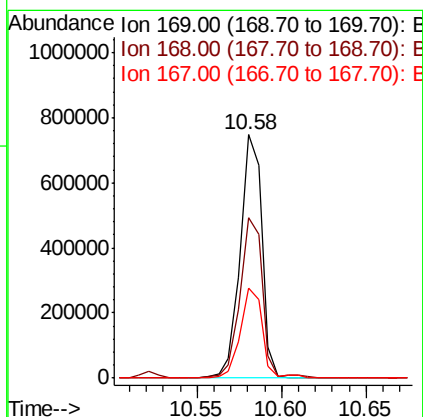
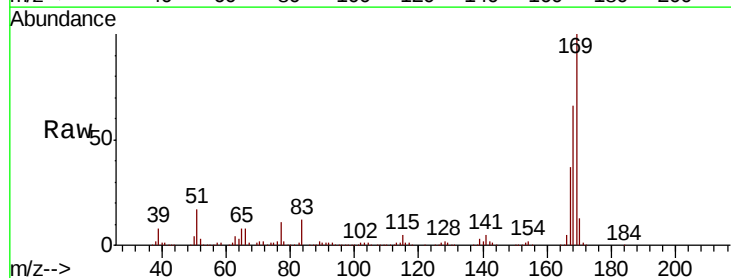
Instrument :
BNA_F
ClientSampleId :

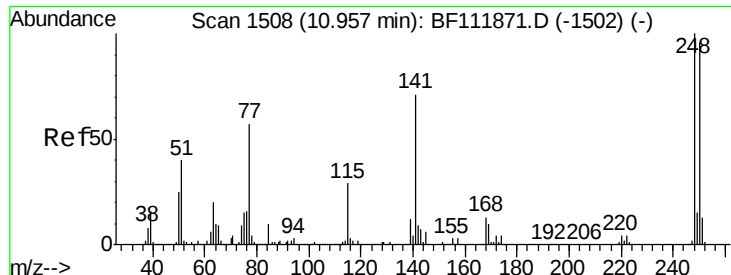
Tot Ion:198 Resp: 78625
Ion Ratio Lower Upper
198 100
51 48.9 27.2 67.2
105 41.6 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 38.561 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:169 Resp: 671455
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 36.8 29.1 43.7

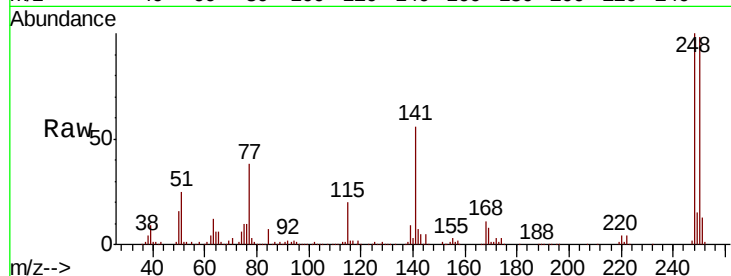




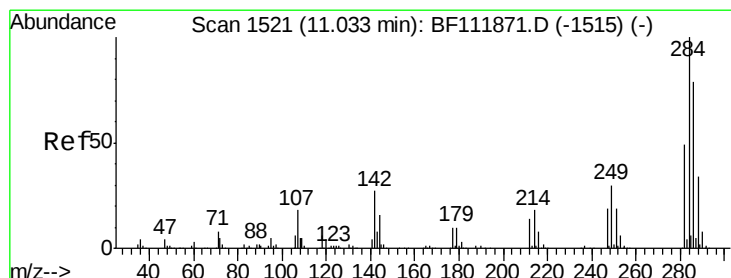
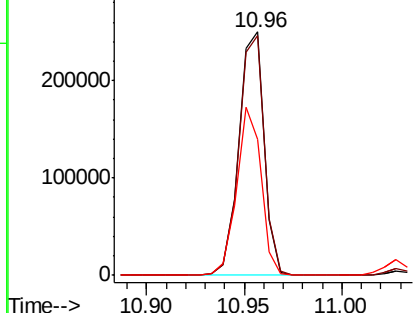
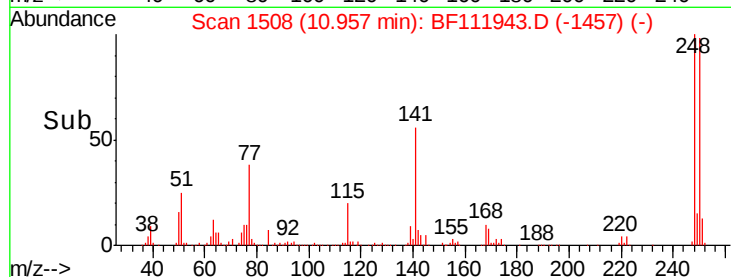
#67
4-Bromophenyl-phenylether
Concen: 33.415 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 224577
Ion Ratio Lower Upper
248 100
250 98.4 76.8 115.2
141 55.7 57.0 85.6#

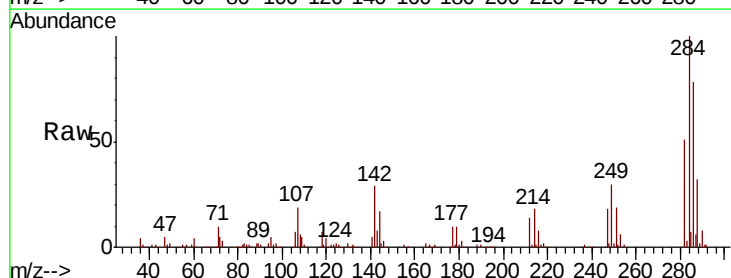


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

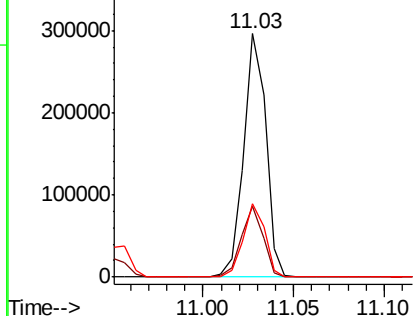
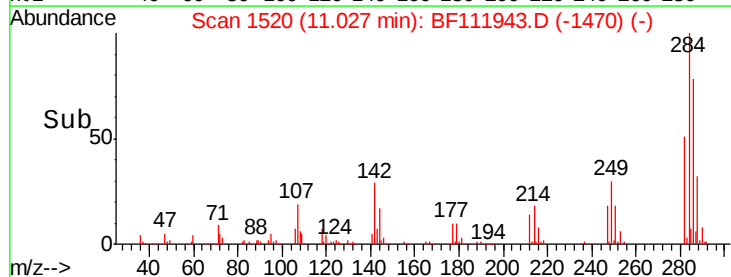


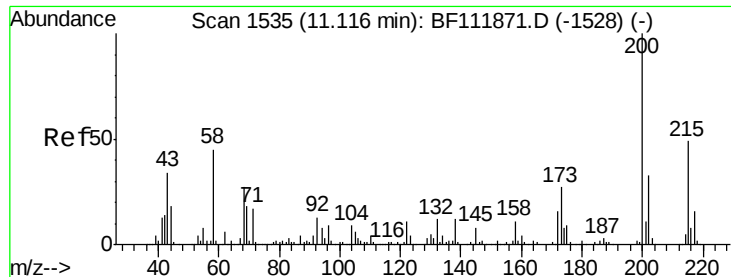
#68
Hexachlorobenzene
Concen: 33.827 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:284 Resp: 251964
Ion Ratio Lower Upper
284 100
142 29.2 21.8 32.6
249 29.9 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: 34.540 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

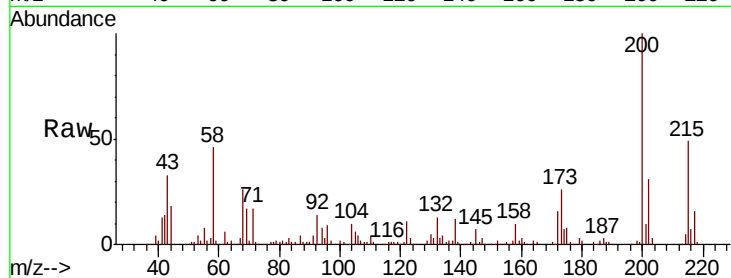
Tot Ion:200 Resp: 211312

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

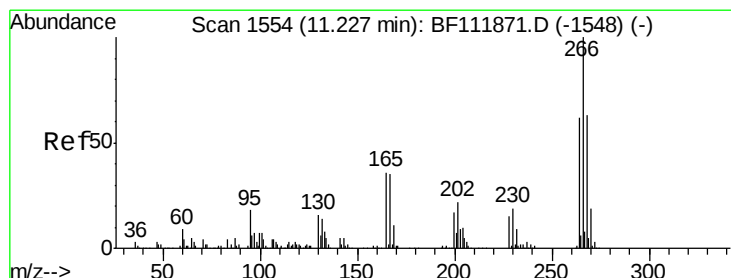
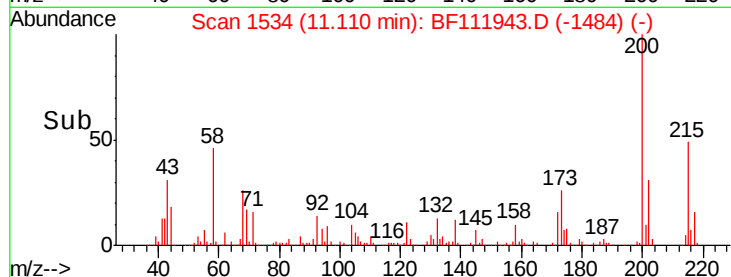
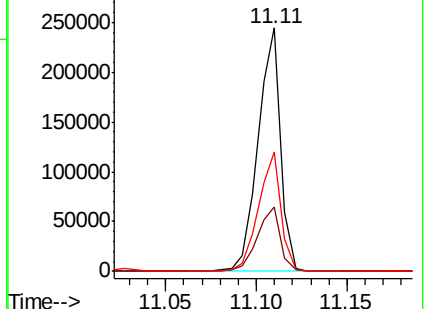
215 49.1 28.9 68.9



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: 47.116 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

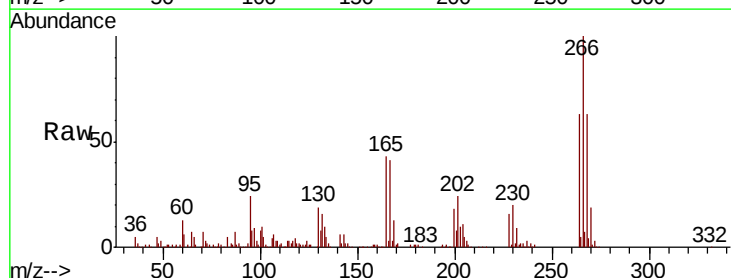
Tgt Ion:266 Resp: 199705

Ion Ratio Lower Upper

266 100

268 62.7 50.6 76.0

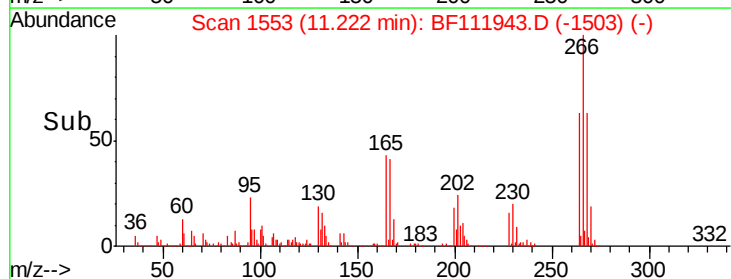
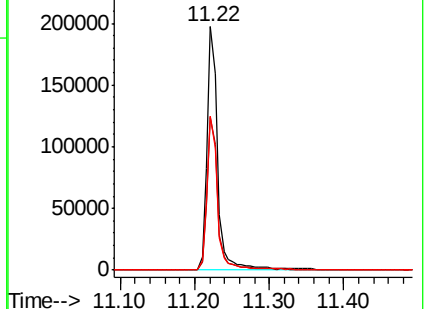
264 63.3 49.3 73.9

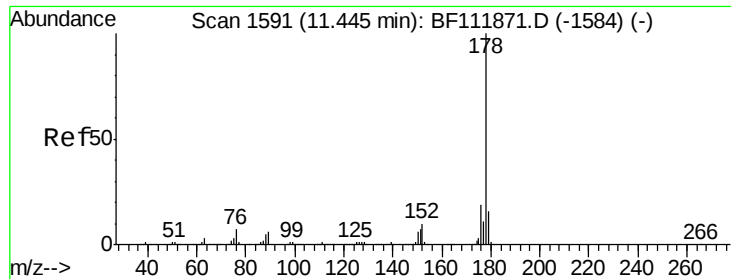


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

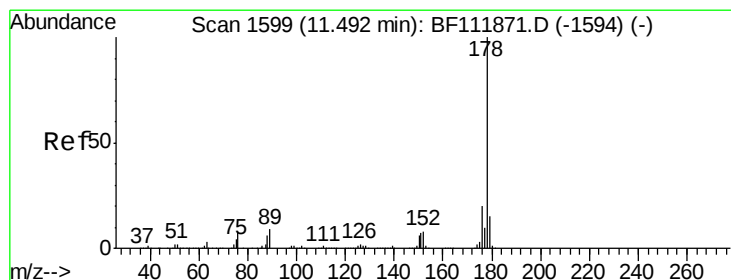
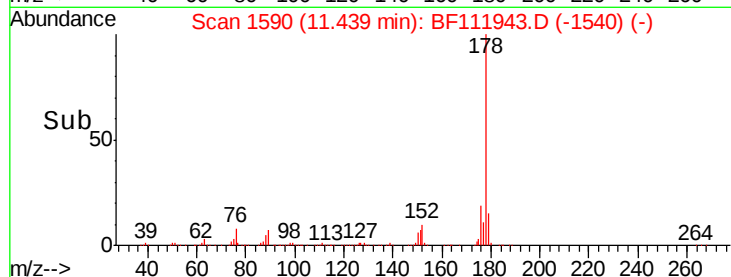
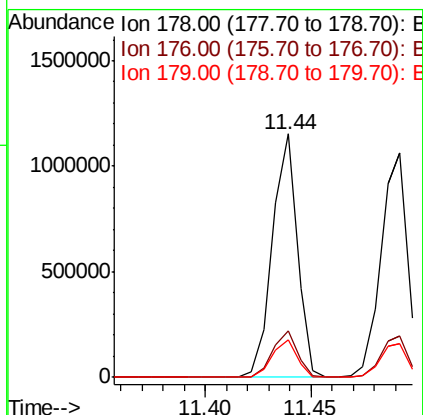
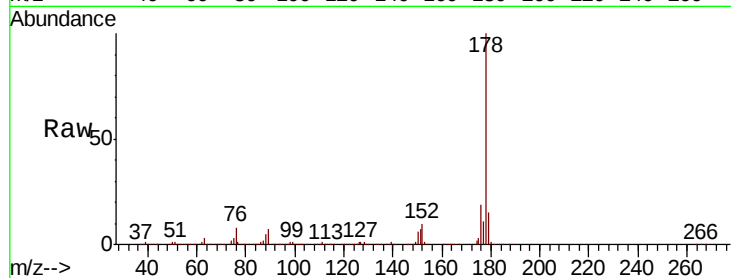




#71
Phenanthrene
Concen: 34.349 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

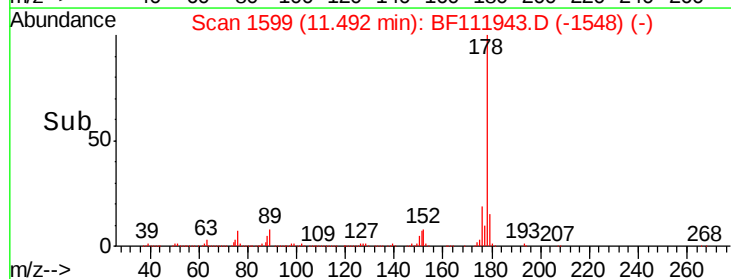
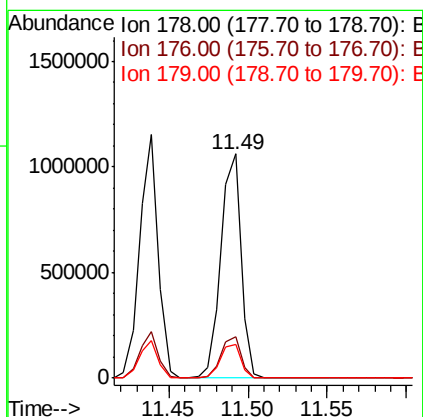
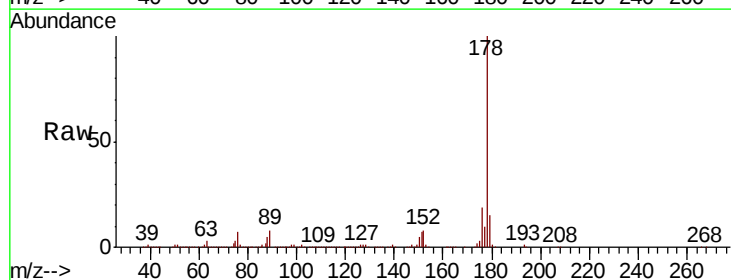
Instrument :
BNA_F
ClientSampleId :

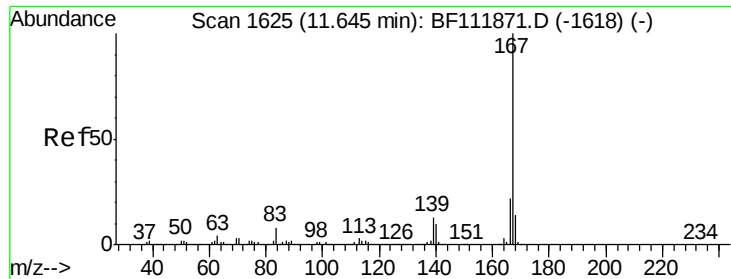
Tot Ion:178 Resp: 952939
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.2 12.6 18.8



#72
Anthracene
Concen: 33.392 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:178 Resp: 940419
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.0 12.4 18.6

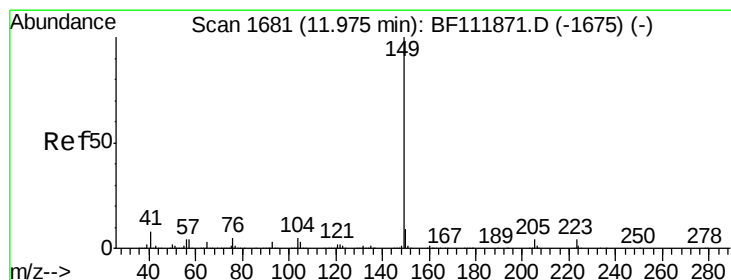
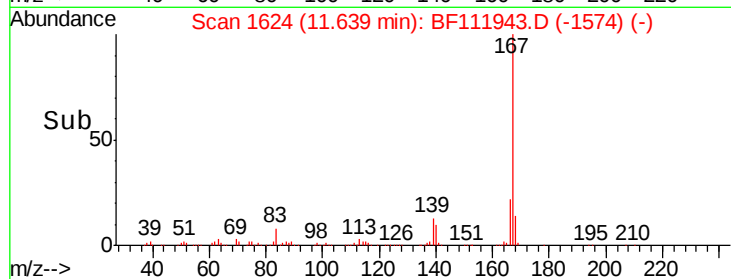
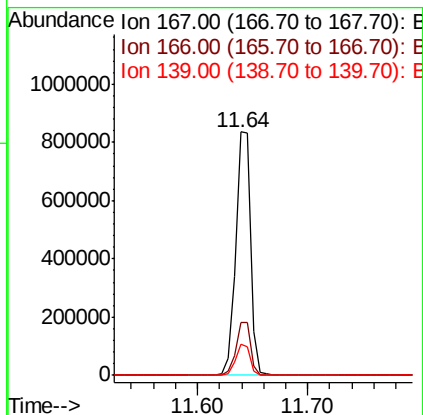
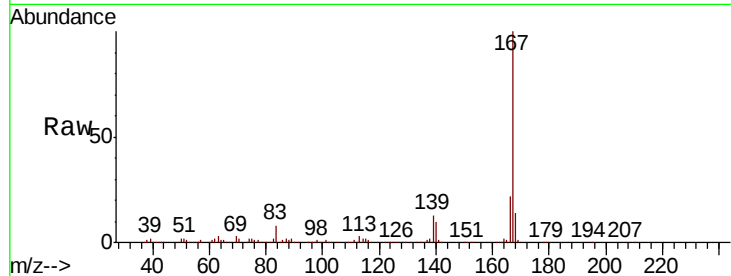




#73
 Carbazole
 Concen: 29.085 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

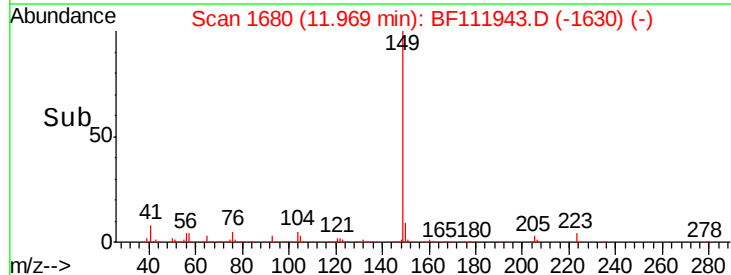
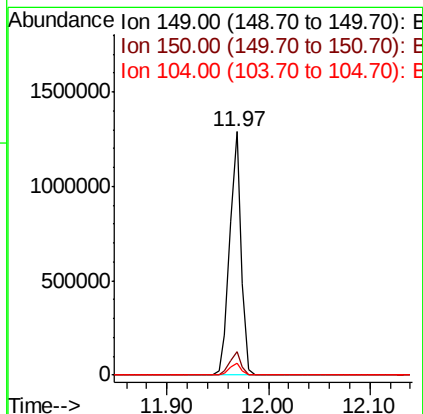
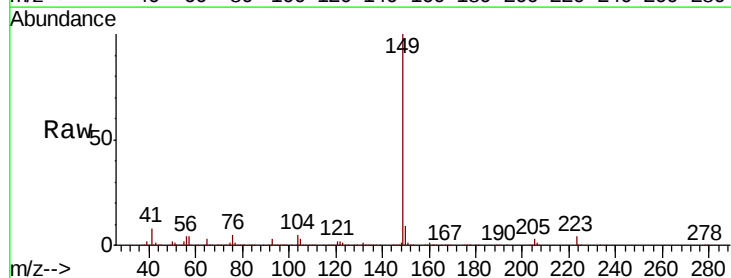
Instrument :
 BNA_F
 ClientSampleId :

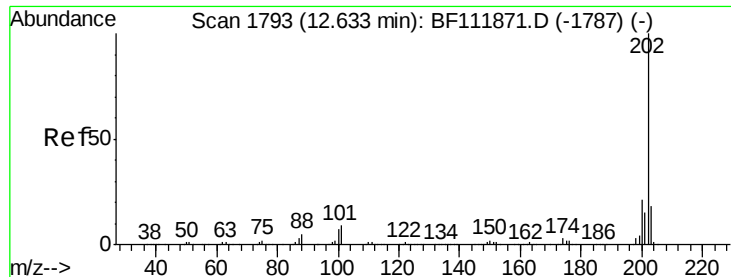
Tot Ion:167 Resp: 796756
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 31.882 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:149 Resp: 1014491
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 29.964 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

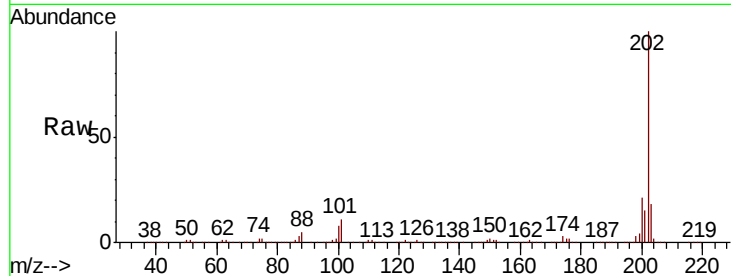
Tot Ion:202 Resp: 853382

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.3

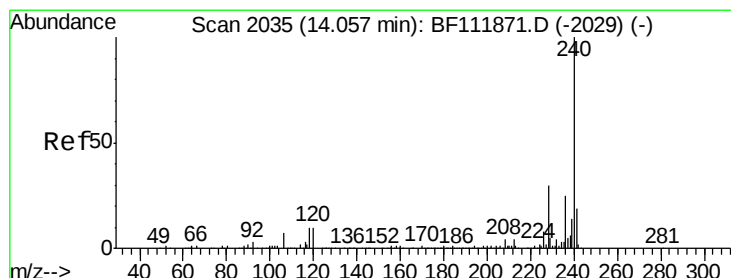
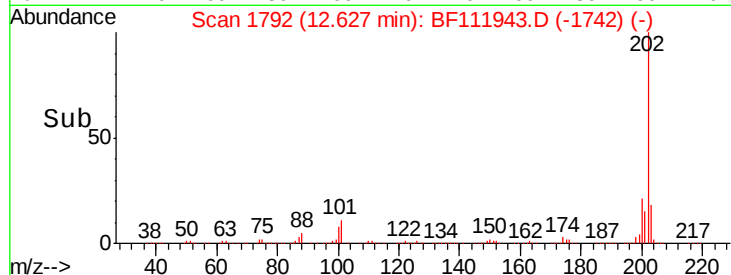
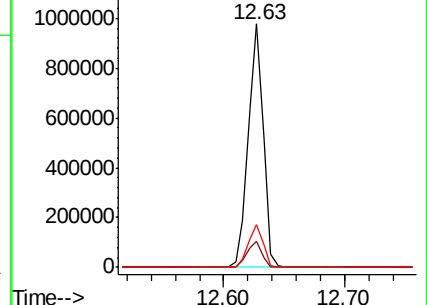
203 17.6 0.0 37.6



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: BF111943.D

Acq: 9 Jan 2019 11:39

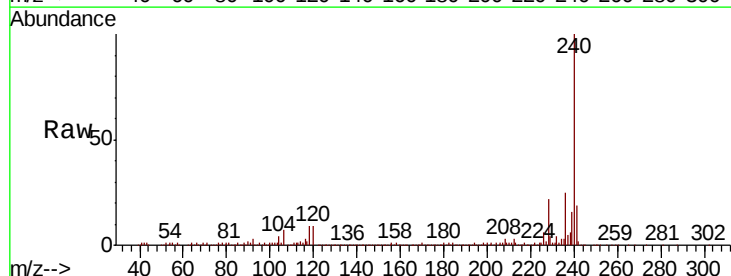
Tgt Ion:240 Resp: 360030

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

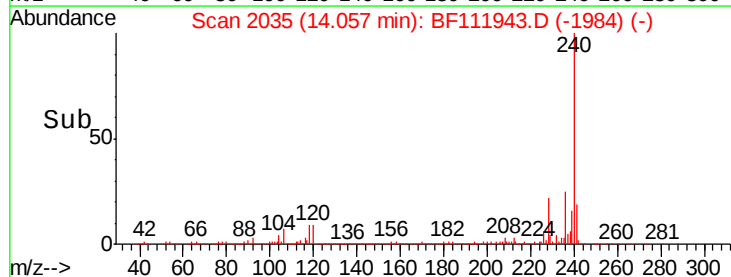
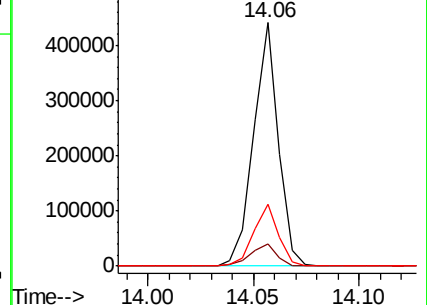
236 25.5 20.2 30.4

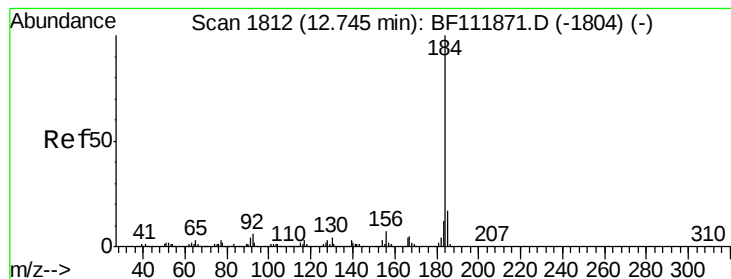


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.334 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

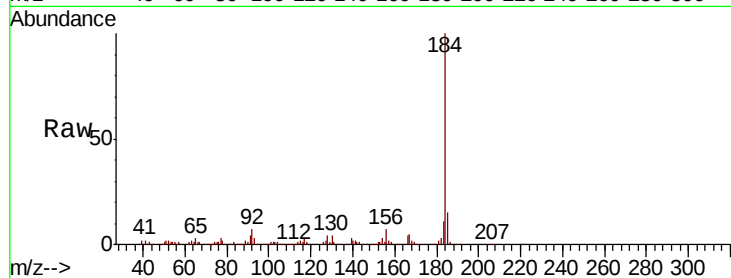
Tot Ion:184 Resp: 240262

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

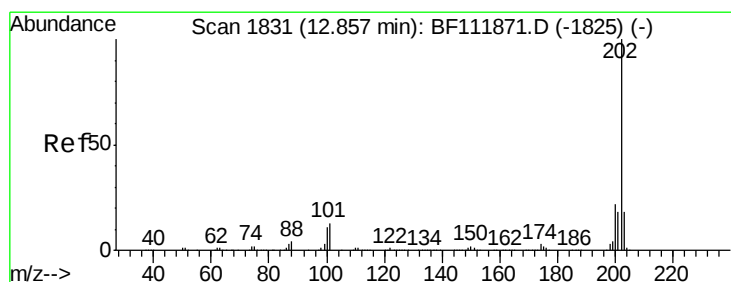
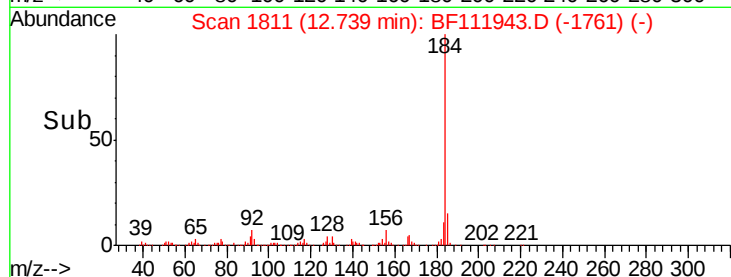
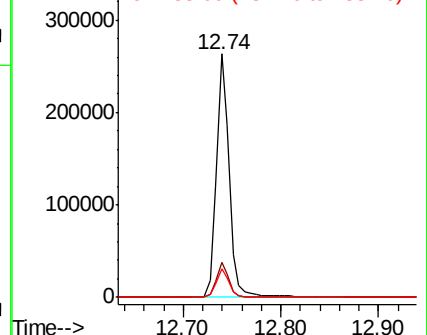
183 11.5 9.6 14.4



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: 33.769 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

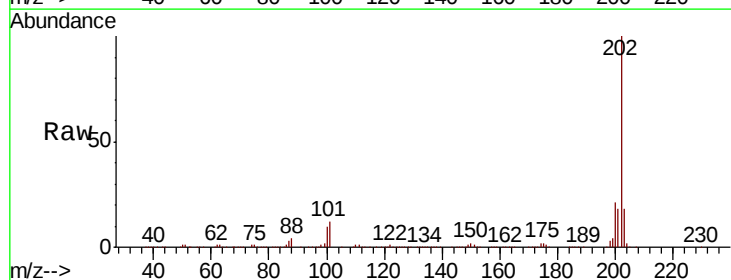
Tgt Ion:202 Resp: 836545

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

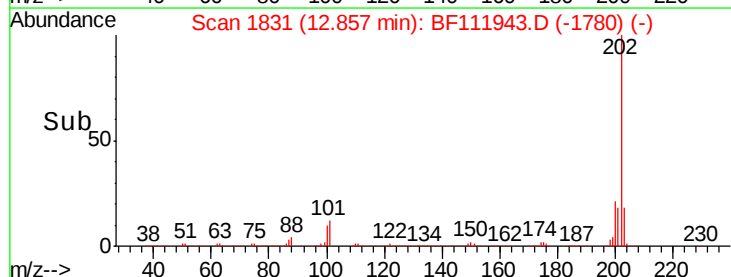
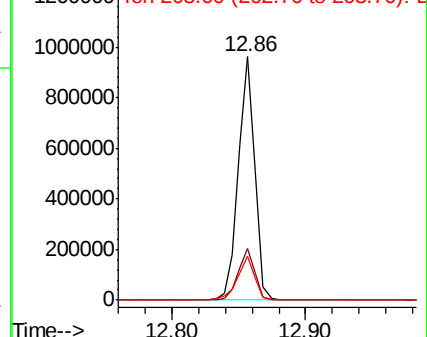
203 18.1 14.6 21.8

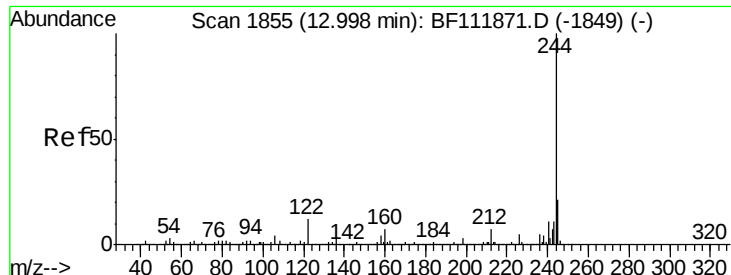


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.659 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

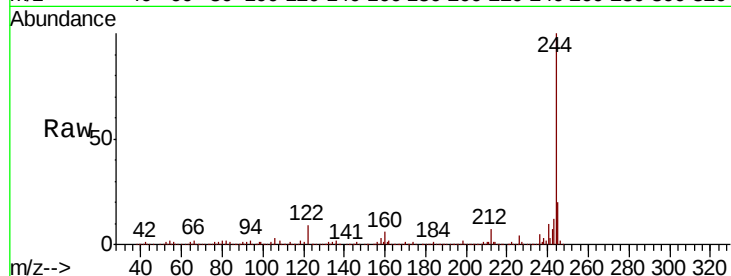
Tot Ion:244 Resp: 1188435

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

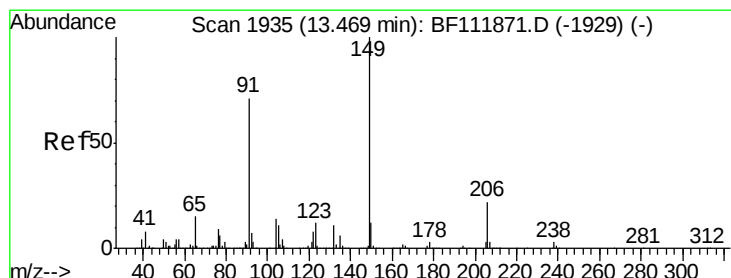
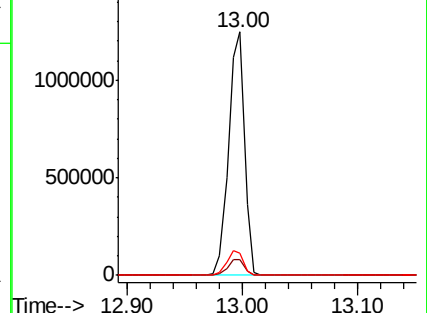
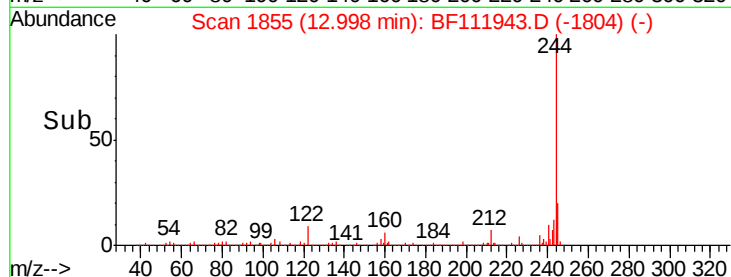
122 9.2 9.5 14.3#



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: 33.383 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

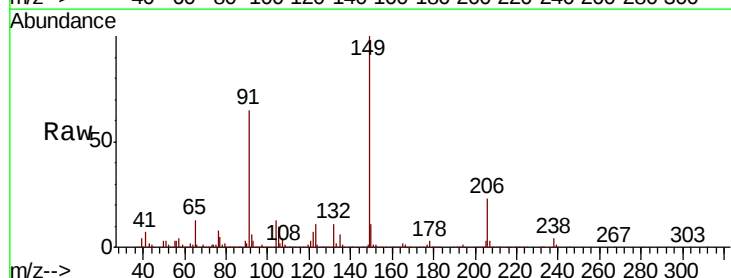
Tgt Ion:149 Resp: 349620

Ion Ratio Lower Upper

149 100

91 65.0 57.2 85.8

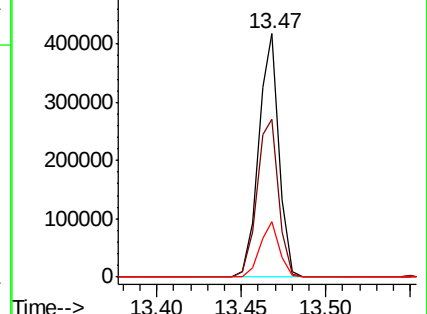
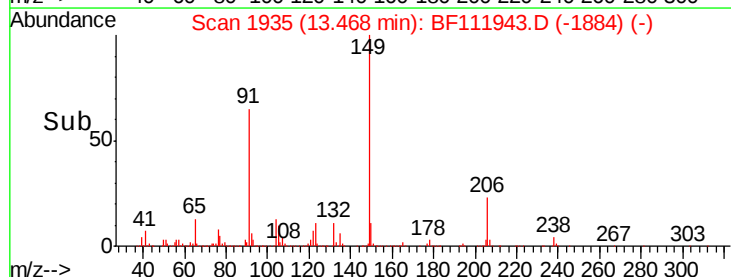
206 23.0 17.3 25.9

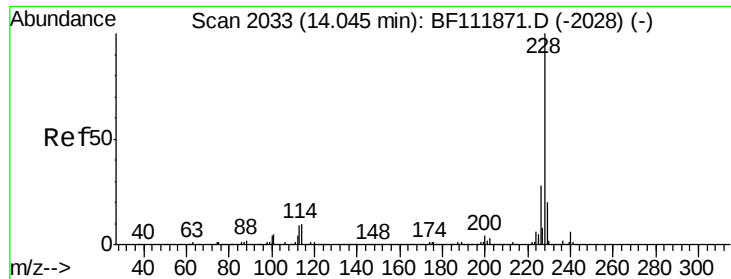


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.595 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampled :

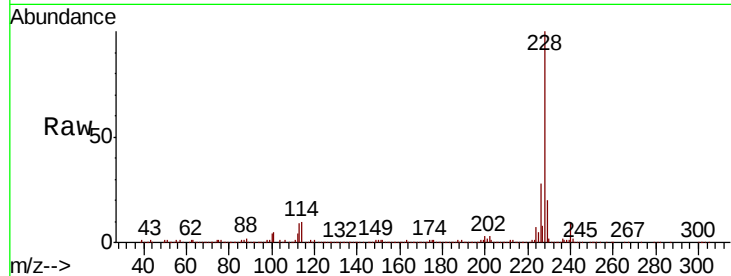
Tot Ion:228 Resp: 716813

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 20.1 16.2 24.2

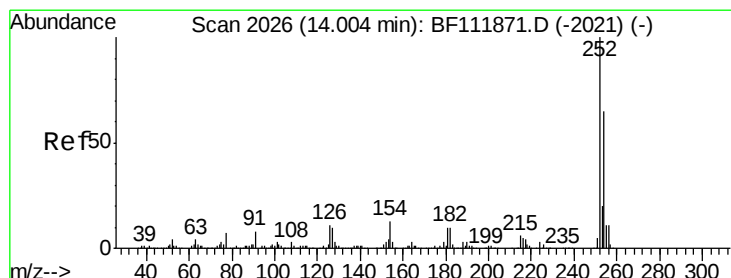
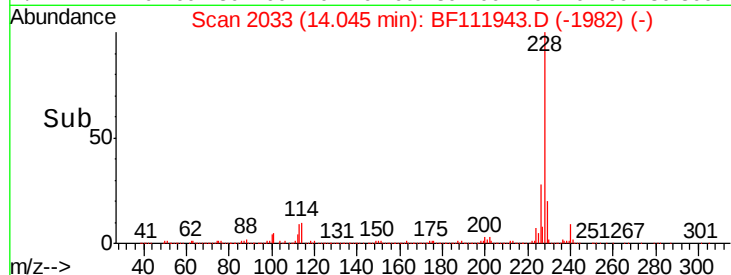
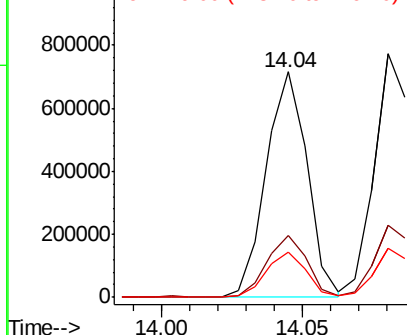


Abundance

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: 23.830 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

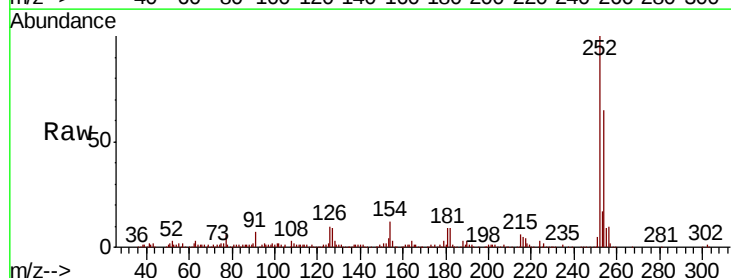
Tgt Ion:252 Resp: 182291

Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

126 9.9 8.6 12.8

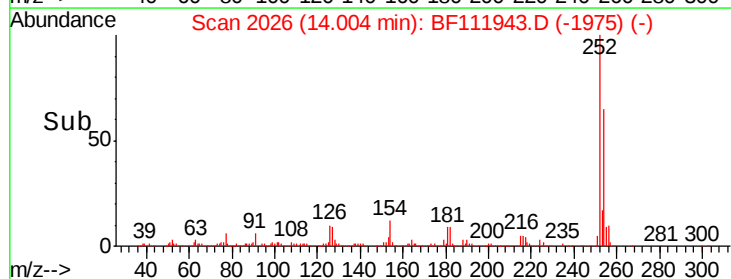
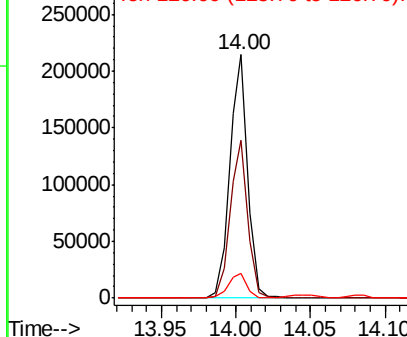


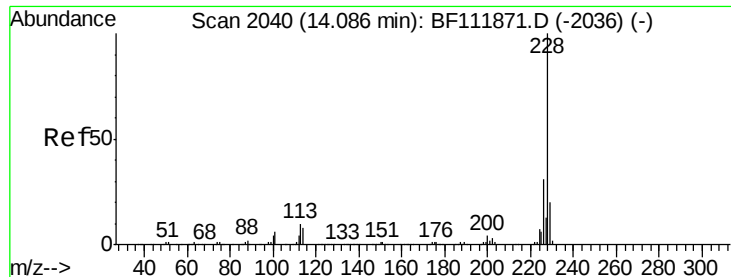
Abundance

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: 34.297 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampled :

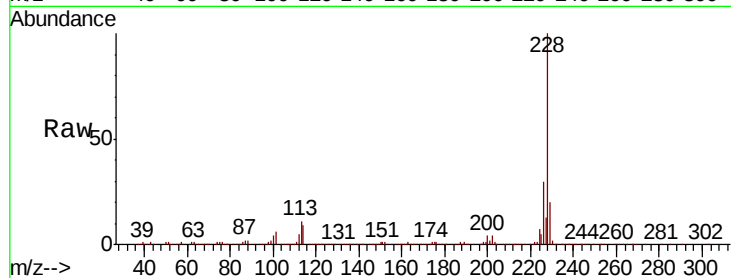
Tot Ion:228 Resp: 677575

Ion Ratio Lower Upper

228 100

226 29.8 24.6 37.0

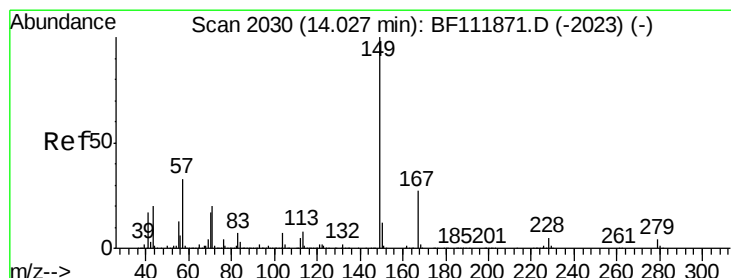
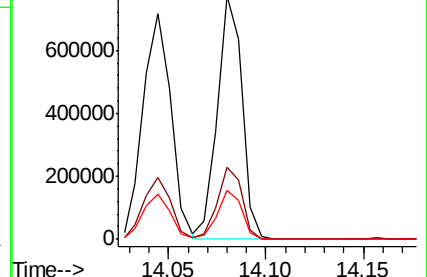
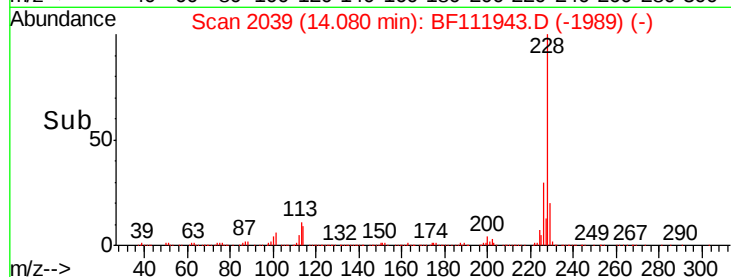
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.761 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

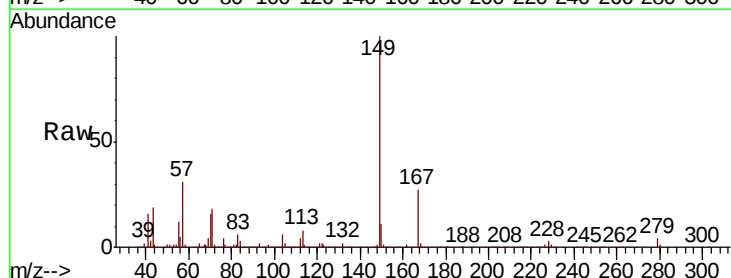
Tgt Ion:149 Resp: 505604

Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

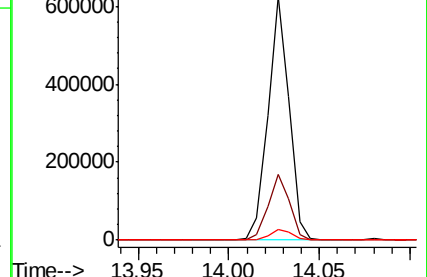
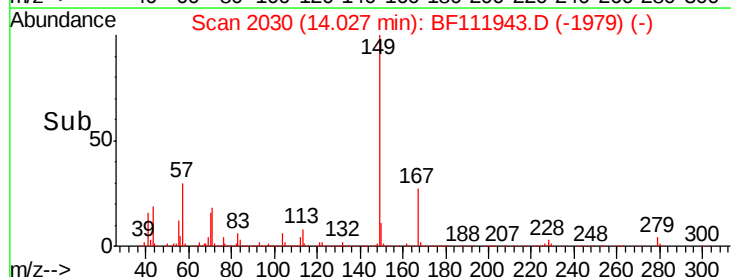
279 4.1 3.0 4.6

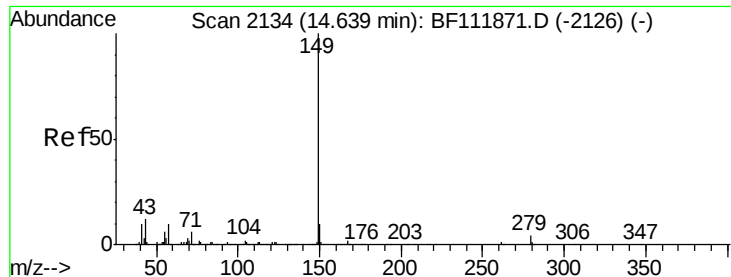


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.610 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

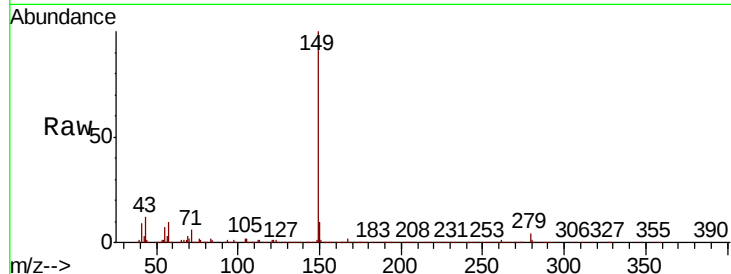
Tot Ion:149 Resp: 838687

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

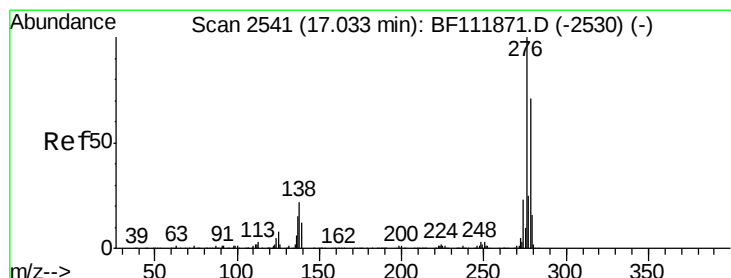
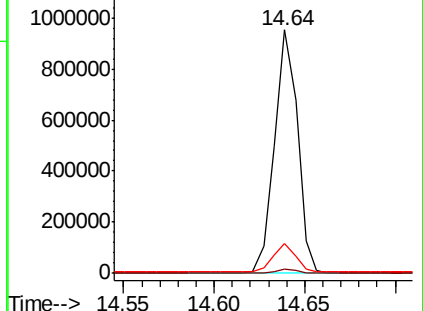
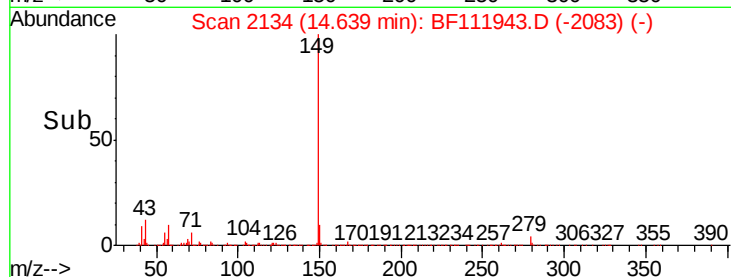
43 11.5 9.1 13.7



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: 48.953 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

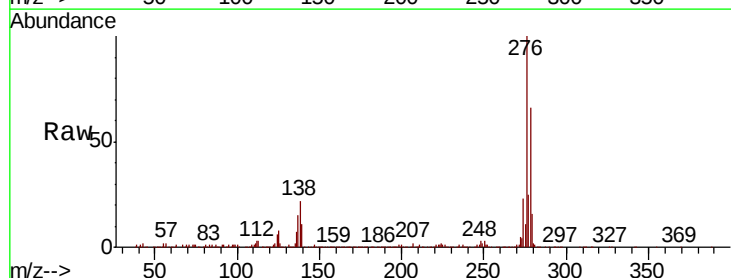
Tgt Ion:276 Resp: 705079

Ion Ratio Lower Upper

276 100

138 22.9 18.1 27.1

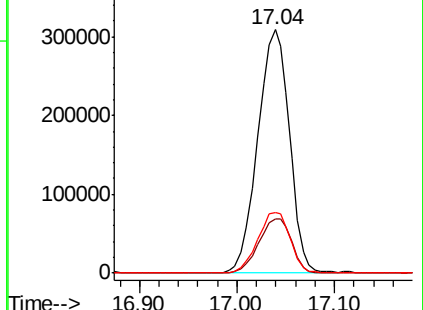
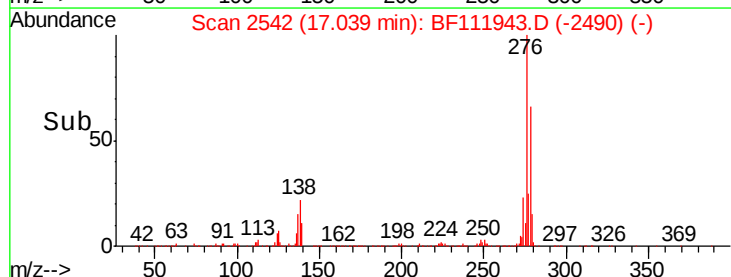
277 25.3 19.9 29.9

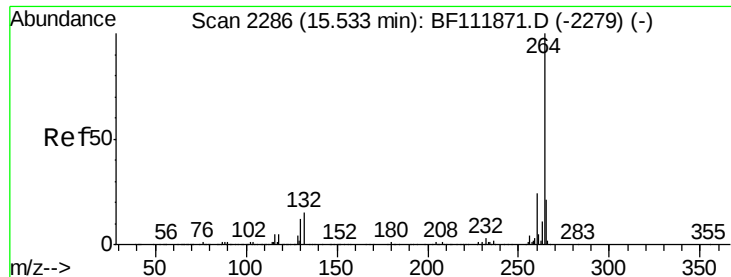


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

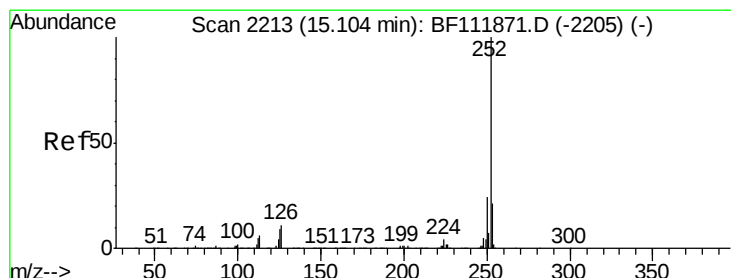
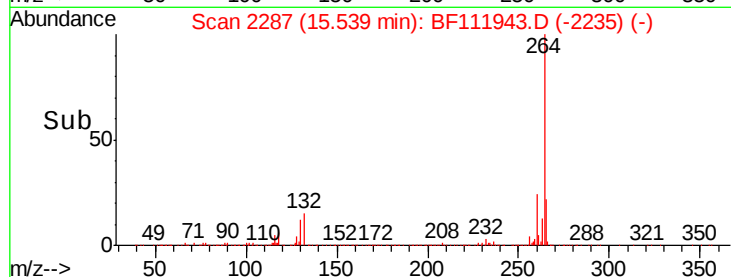
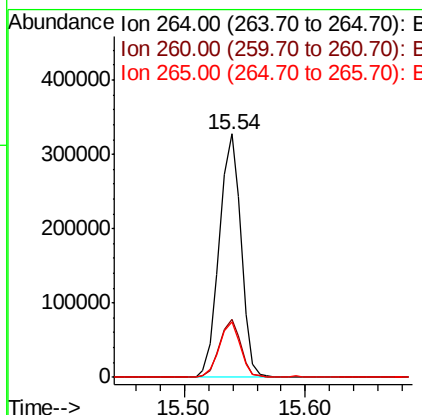
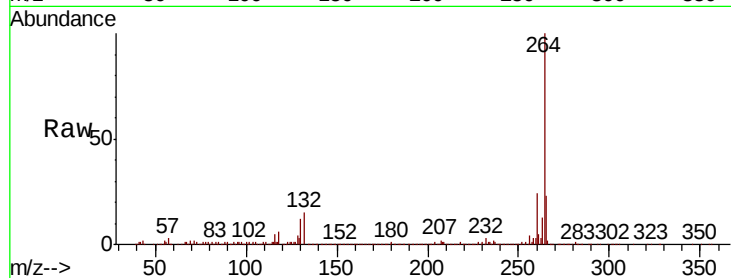




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

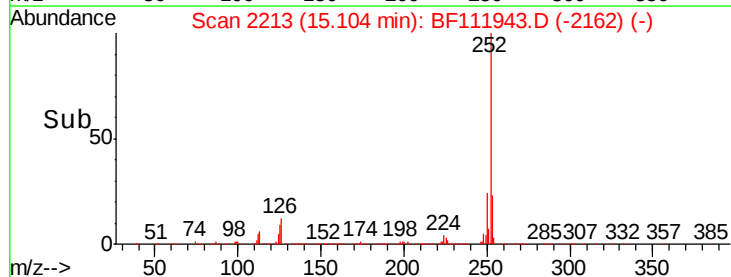
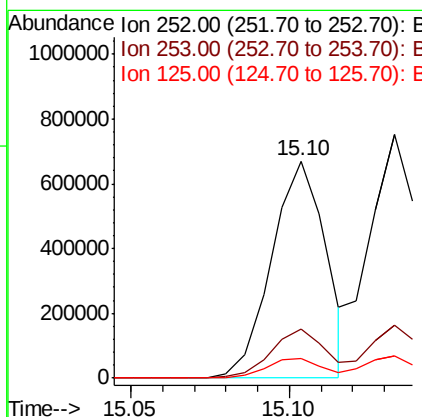
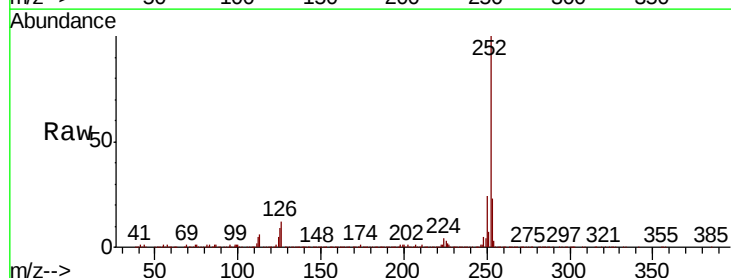
Instrument :
BNA_F
ClientSampleId :

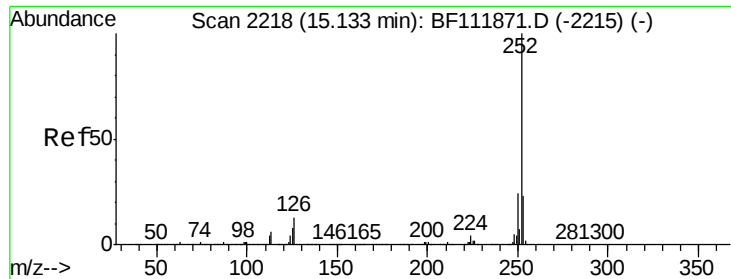
Tot Ion:264 Resp: 406295
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.6 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 32.842 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:252 Resp: 798206
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.2 7.1 10.7

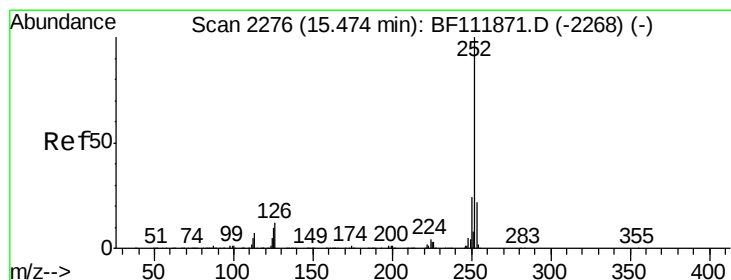
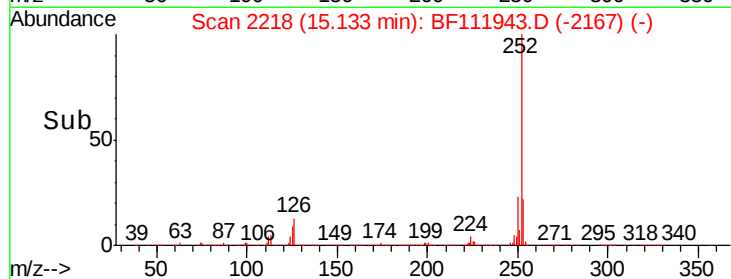
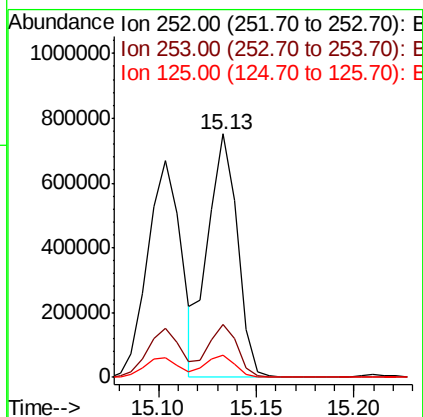
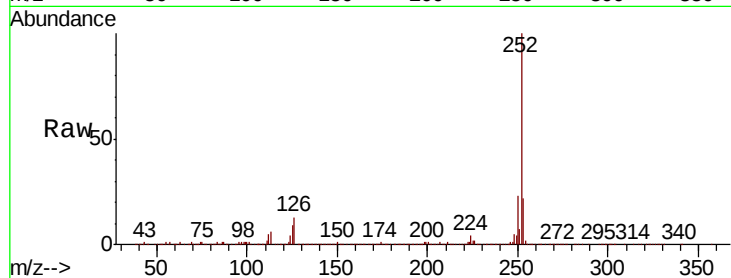




#89
Benzo(k)fluoranthene
Concen: 34.380 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

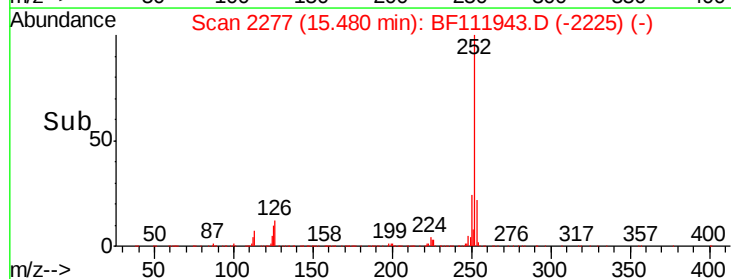
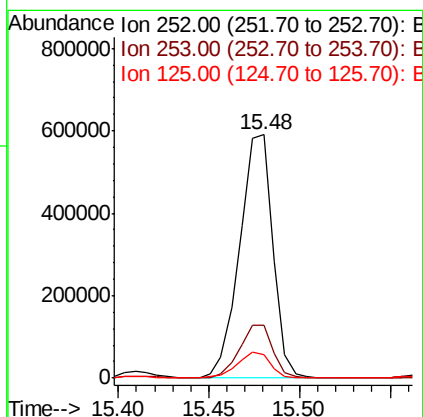
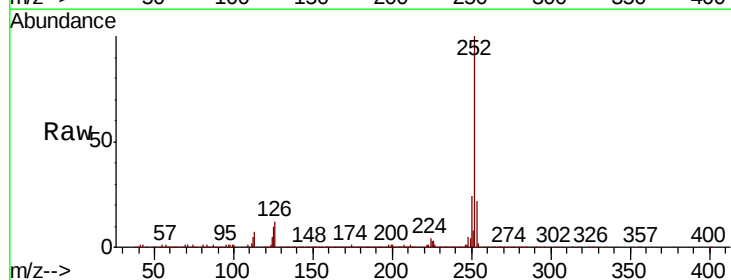
Instrument :
BNA_F
ClientSampleId :

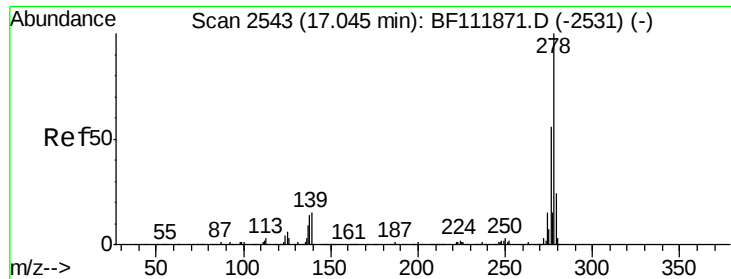
Tot Ion:252 Resp: 785432
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 35.149 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:252 Resp: 751143
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.8 7.9 11.9

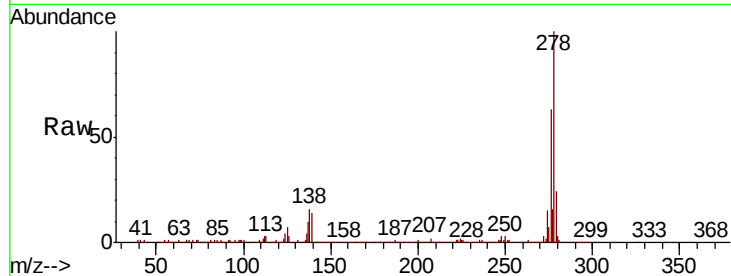




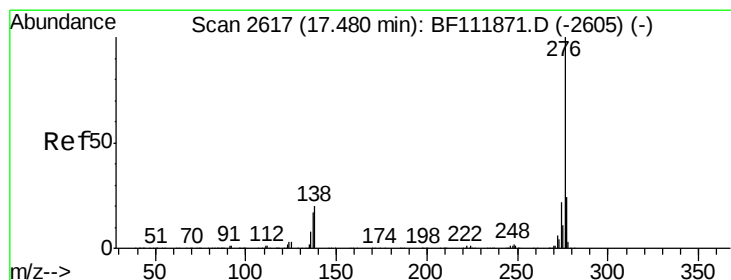
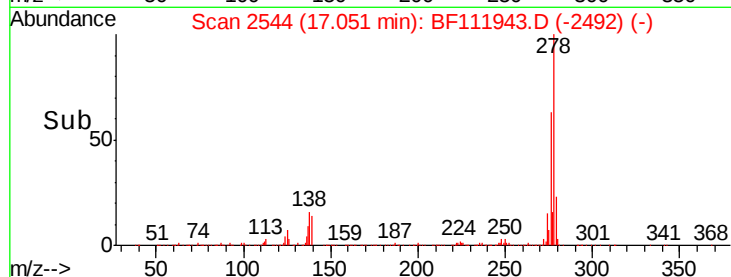
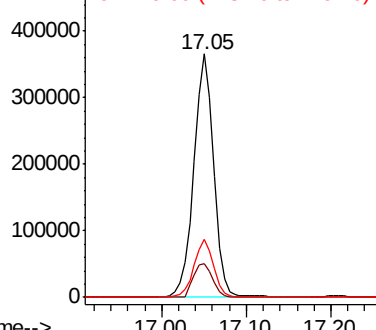
#91
Dibenzo(a,h)anthracene
Concen: 34.354 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 590474
Ion Ratio Lower Upper
278 100
139 14.0 11.8 17.6
279 23.6 19.4 29.2

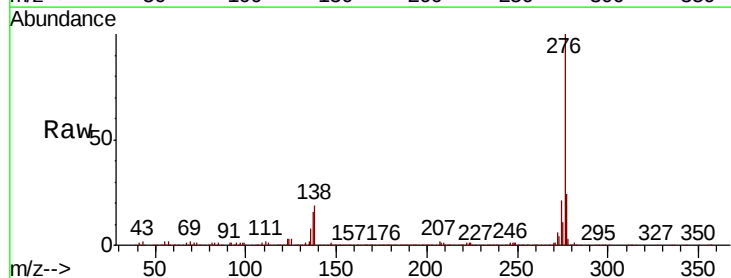


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.684 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:276 Resp: 566263
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 19.0 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

