

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111407.D
 Acq On : 14 Dec 2018 9:44
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 11:45:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	225906	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	957784	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	475699	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	882799	20.00	ng	0.00
76) Chrysene-d12	13.94	240	753217	20.00	ng	0.00
87) Perylene-d12	15.39	264	695603	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	69356	5.19	ng	0.00
7) Phenol-d6	6.43	99	96161	5.34	ng	-0.01
23) Nitrobenzene-d5	7.35	82	84151	4.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	21999	5.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	186536	6.30	ng	0.00
79) Terphenyl-d14	12.89	244	179424	5.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	17957	2.691	ng	93
3) Pyridine	3.28	79	36785	2.244	ng	98
4) n-Nitrosodimethylamine	3.19	42	13165	1.722	ng	# 69
6) Aniline	6.45	93	57972	2.660	ng	95
8) 2-Chlorophenol	6.57	128	41668	2.538	ng	97
9) Benzaldehyde	6.33	77	30879	2.755	ng	96
10) Phenol	6.44	94	51615	2.530	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	42119	2.624	ng	95
12) 1,3-Dichlorobenzene	6.73	146	47410	2.667	ng	95
13) 1,4-Dichlorobenzene	6.81	146	47455	2.637	ng	98
14) 1,2-Dichlorobenzene	6.96	146	46716	2.806	ng	96
15) Benzyl Alcohol	6.93	79	34857	2.527	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	81099	2.608	ng	98
17) 2-Methylphenol	7.05	107	32680	2.463	ng	97
18) Hexachloroethane	7.30	117	17251	2.582	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	30182	2.522	ng	96
20) 3+4-Methylphenols	7.20	107	43459	2.747	ng	# 71
22) Acetophenone	7.19	105	59471	2.673	ng	# 84
24) Nitrobenzene	7.36	77	44053	2.517	ng	98
25) Isophorone	7.60	82	70877	2.455	ng	95
26) 2-Nitrophenol	7.69	139	19909	2.314	ng	97
27) 2,4-Dimethylphenol	7.73	122	30494	2.335	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	49689	2.508	ng	97
29) 2,4-Dichlorophenol	7.93	162	29649	2.176	ng	88
30) 1,2,4-Trichlorobenzene	8.02	180	35297	2.521	ng	97
31) Naphthalene	8.09	128	123279	2.763	ng	96
32) Benzoic acid	7.80	122	15642	1.441	ng	96
33) 4-Chloroaniline	8.15	127	51353	2.695	ng	# 93
34) Hexachlorobutadiene	8.22	225	19950	2.569	ng	95
35) Caprolactam	8.46	113	10793	2.261	ng	93
36) 4-Chloro-3-methylphenol	8.63	107	36782	2.534	ng	98
37) 2-Methylnaphthalene	8.79	142	78886	2.735	ng	93
38) 1-Methylnaphthalene	8.89	142	79539	2.857	ng	95
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	34855	2.607	ng	96

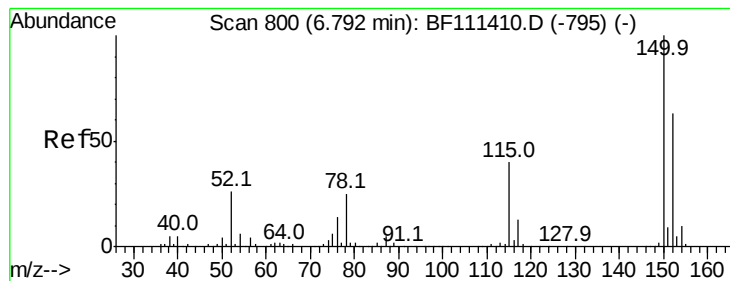
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111407.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	12607	1.806	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	22730	2.375	nq	93
44) 2,4,5-Trichlorophenol	9.11	196	24282	2.401	nq	93
46) 1,1'-Biphenyl	9.25	154	111733	2.753	nq	93
47) 2-Chloronaphthalene	9.27	162	80749	2.598	nq	91
48) 2-Nitroaniline	9.37	65	23256	2.302	nq	87
49) Acenaphthylene	9.69	152	125108	2.755	nq	95
50) Dimethylphthalate	9.55	163	89246	2.609	nq	97
51) 2,6-Dinitrotoluene	9.60	165	17989	2.372	nq	93
52) Acenaphthene	9.86	154	77054	2.690	nq	97
53) 3-Nitroaniline	9.77	138	21319	2.339	nq	99
54) 2,4-Dinitrophenol	9.89	184	1712	0.575	nq	87
55) Dibenzofuran	10.03	168	116137	2.809	nq	# 89
56) 4-Nitrophenol	9.96	139	11985	1.826	nq	97
57) 2,4-Dinitrotoluene	10.00	165	23868	2.456	nq	# 85
58) Fluorene	10.37	166	90227	3.050	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.11	232	16581	2.122	nq	91
60) Diethylphthalate	10.25	149	157829	4.583	nq	96
61) 4-Chlorophenyl-phenylether	10.37	204	42418	2.893	nq	95
62) 4-Nitroaniline	10.38	138	21967	2.508	nq	95
63) Azobenzene	10.53	77	92008	2.650	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	7203	1.421	nq	88
66) n-Nitrosodiphenylamine	10.48	169	82191	2.617	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	24909	2.535	nq	97
68) Hexachlorobenzene	10.93	284	25055	2.476	nq	98
69) Atrazine	11.01	200	23713	2.611	nq	96
70) Pentachlorophenol	11.12	266	7228	1.073	nq	97
71) Phenanthrene	11.33	178	128244	2.811	nq	93
72) Anthracene	11.33	178	128244	2.760	nq	95
73) Carbazole	11.54	167	132788	2.764	nq	96
74) Di-n-butylphthalate	11.87	149	148071	2.707	nq	96
75) Fluoranthene	12.52	202	130598	2.932	nq	98
77) Benzidine	12.64	184	75261	5.295	nq	# 93
78) Pyrene	12.74	202	137216	2.360	nq	95
80) Butylbenzylphthalate	13.37	149	61199	2.193	nq	98
81) Benzo(a)anthracene	13.93	228	114706	2.722	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	44797	2.811	nq	98
83) Chrysene	13.93	228	114706	2.668	nq	94
84) Bis(2-ethylhexyl)phthalate	13.93	149	86630	2.539	nq	97
85) Di-n-octyl phthalate	14.54	149	141753	2.530	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	89348	2.657	nq	98
88) Benzo(b)fluoranthene	14.97	252	97858	2.474	nq	97
89) Benzo(k)fluoranthene	14.99	252	97780	2.477	nq	97
90) Benzo(a)pyrene	15.32	252	92658	2.516	nq	95
91) Dibenzo(a,h)anthracene	16.81	278	74857	2.443	nq	# 92
92) Benzo(g,h,i)perylene	17.22	276	69002	2.252	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

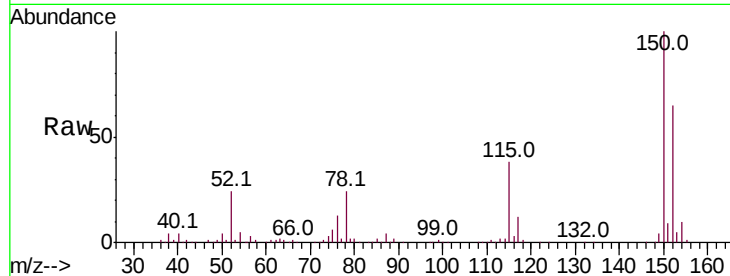
Tot Ion:152 Resp: 225906

Ion Ratio Lower Upper

152 100

150 154.2 126.6 189.8

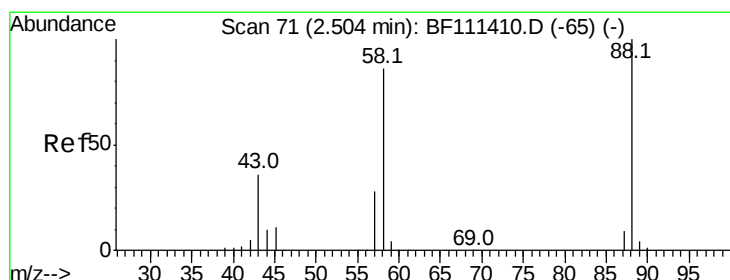
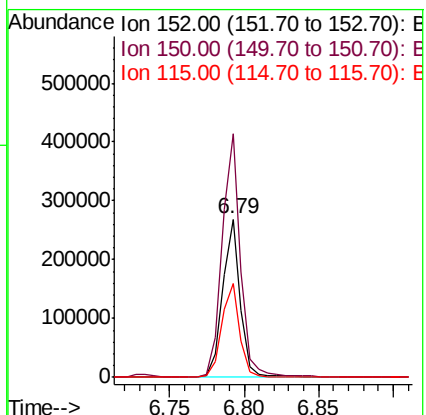
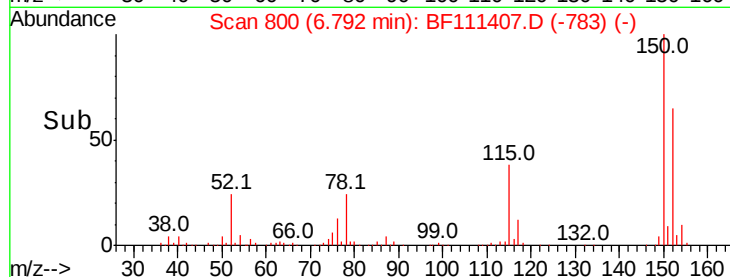
115 59.1 50.7 76.1



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: 2.691 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

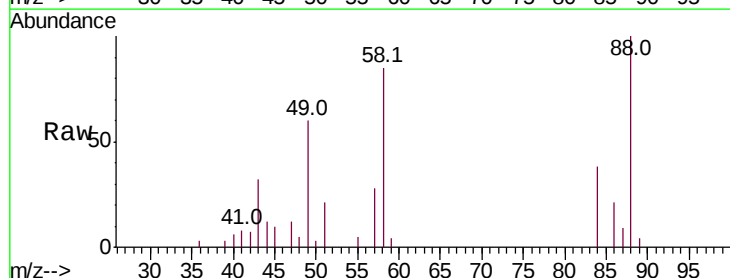
Tgt Ion: 88 Resp: 17957

Ion Ratio Lower Upper

88 100

58 79.8 68.9 103.3

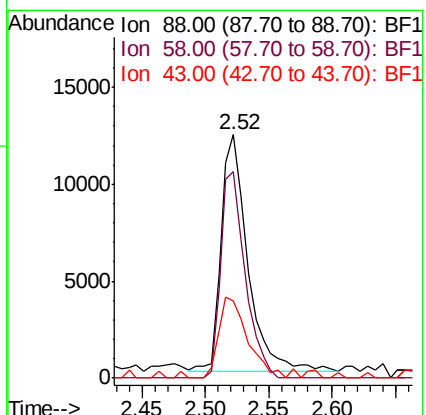
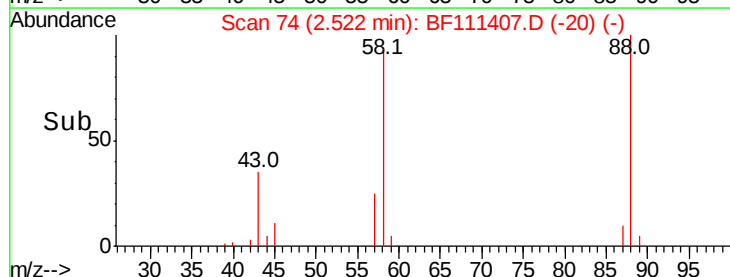
43 36.9 25.8 38.6

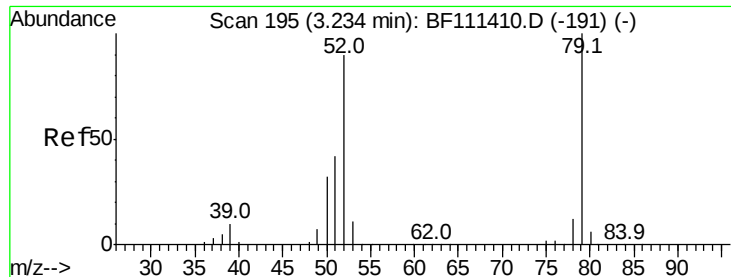


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 2.244 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

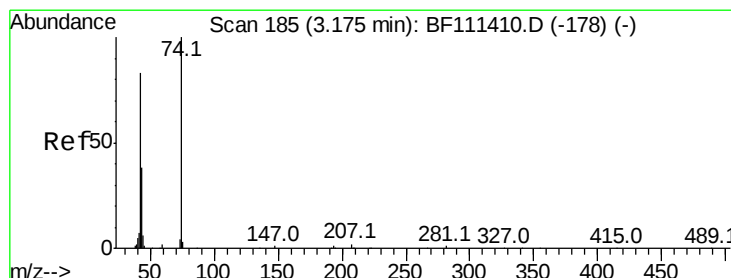
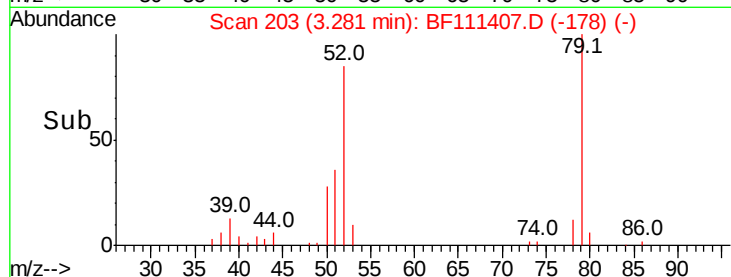
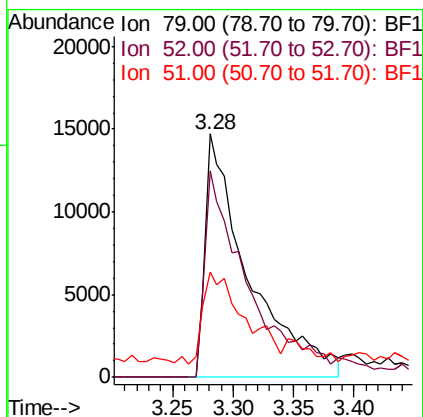
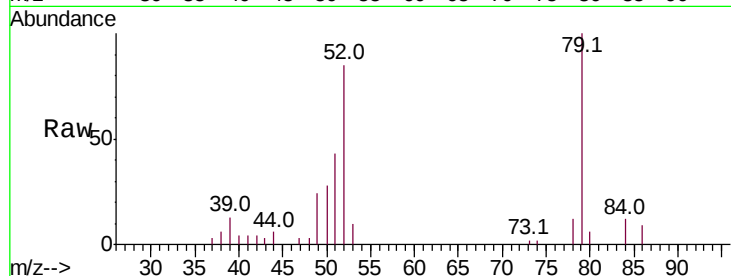
Tot Ion: 79 Resp: 36785

Ion Ratio Lower Upper

79 100

52 84.7 68.3 102.5

51 43.1 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 1.722 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

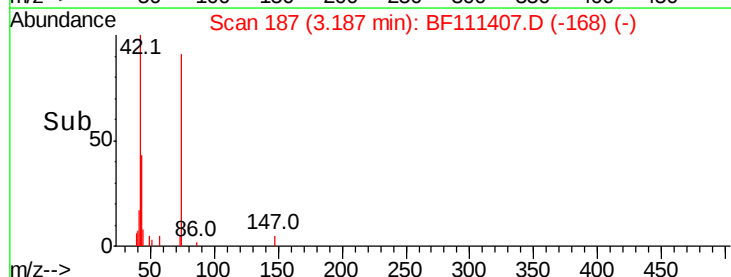
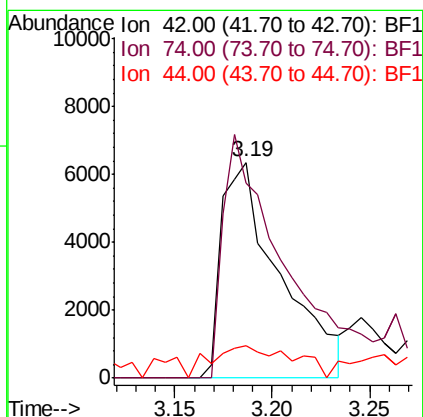
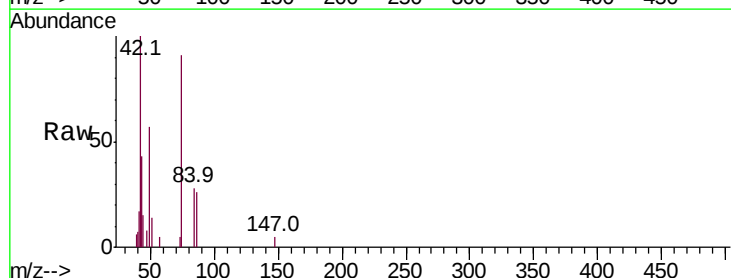
Tgt Ion: 42 Resp: 13165

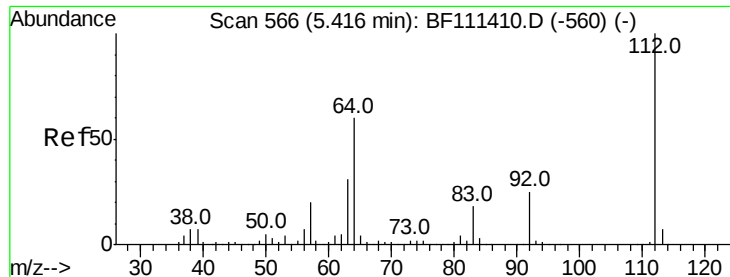
Ion Ratio Lower Upper

42 100

74 90.6 101.5 152.3#

44 15.1 6.0 9.0#





#5

2-Fluorophenol

Concen: 5.192 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

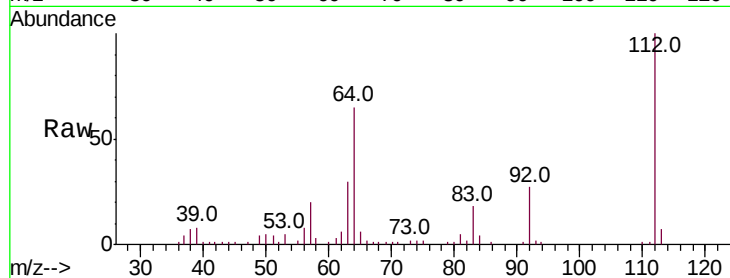
Tot Ion: 112 Resp: 69356

Ion Ratio Lower Upper

112 100

64 65.5 51.8 77.6

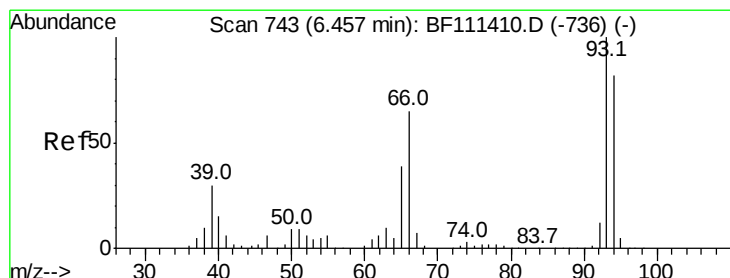
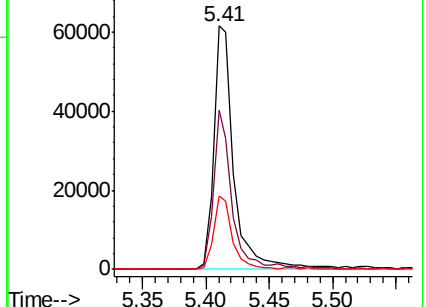
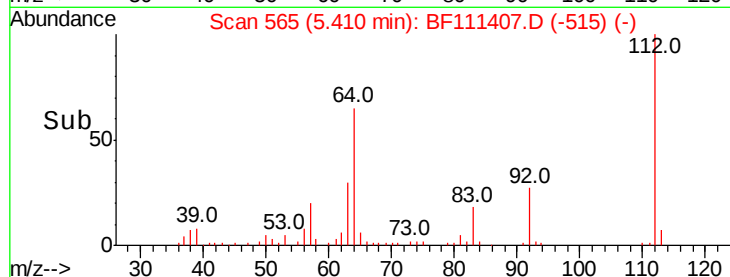
63 30.3 26.8 40.2



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: 2.660 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

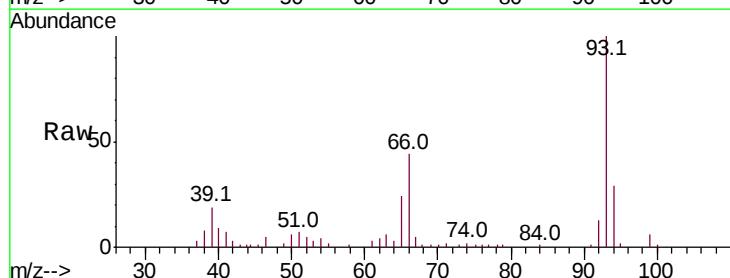
Tgt Ion: 93 Resp: 57972

Ion Ratio Lower Upper

93 100

66 43.9 33.2 49.8

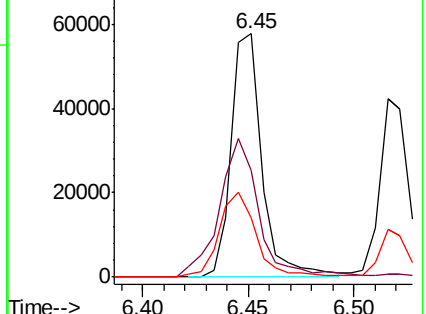
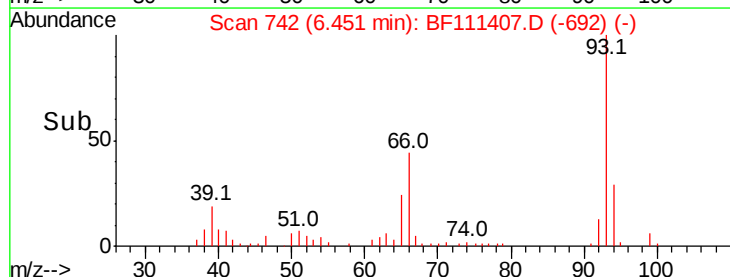
65 24.4 17.0 25.4

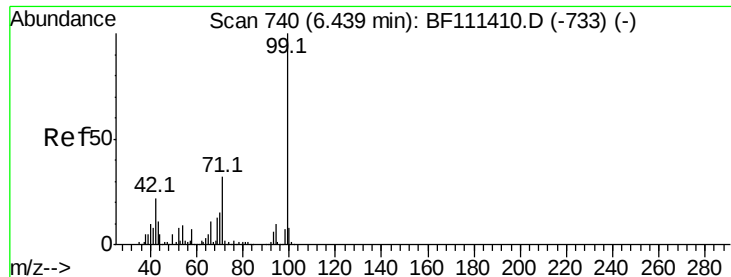


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 5.339 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

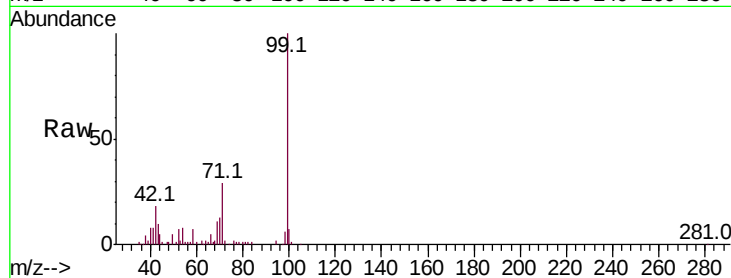
Tot Ion: 99 Resp: 96161

Ion Ratio Lower Upper

99 100

42 18.4 17.4 26.0

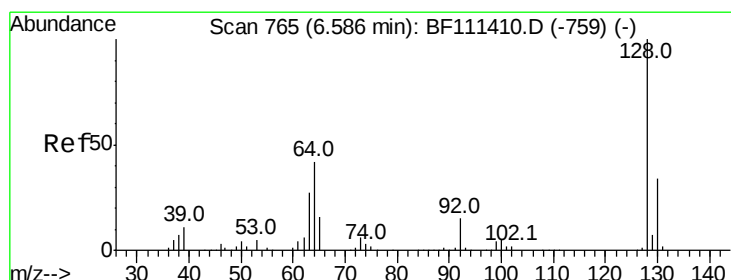
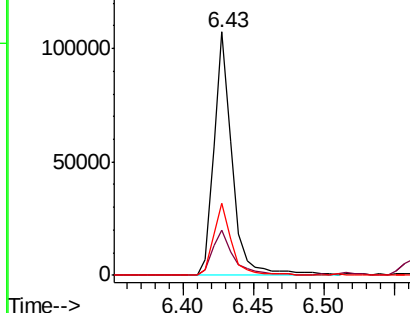
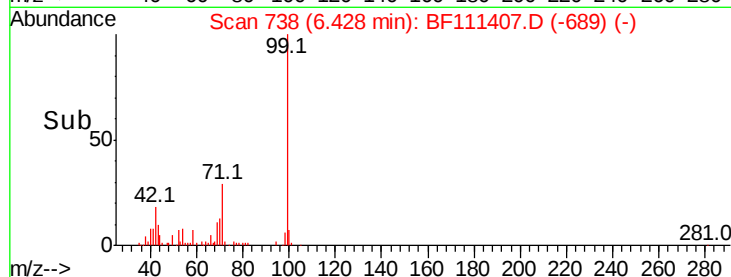
71 29.4 26.1 39.1



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: 2.538 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

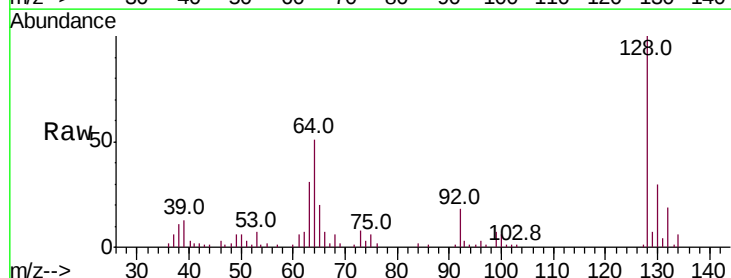
Tgt Ion: 128 Resp: 41668

Ion Ratio Lower Upper

128 100

130 29.8 12.7 52.7

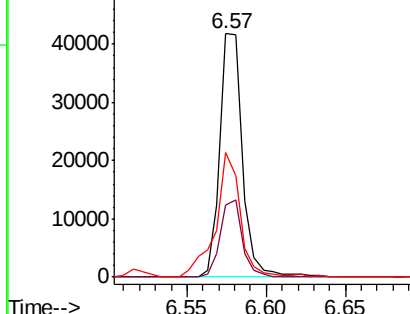
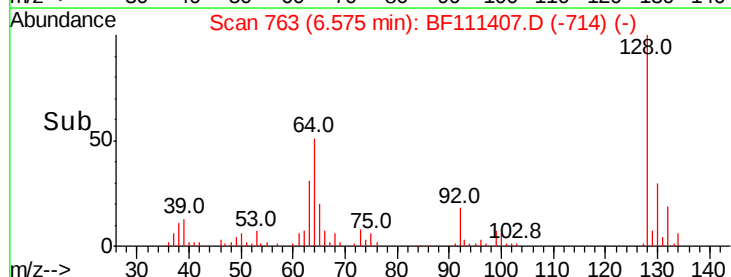
64 51.4 30.0 70.0

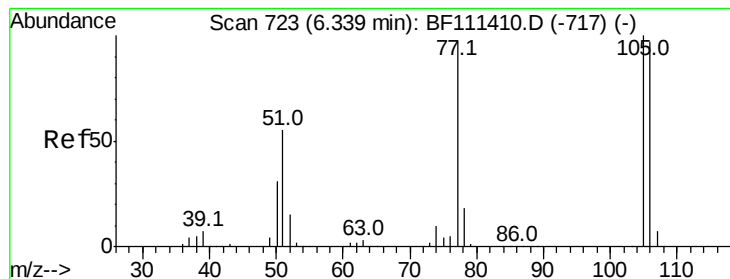


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.755 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

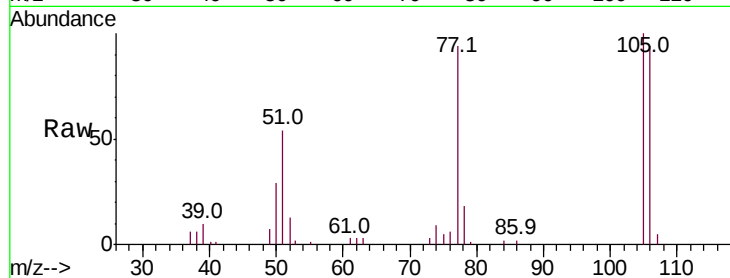
Tot Ion: 77 Resp: 30879

Ion Ratio Lower Upper

77 100

105 106.9 81.4 121.4

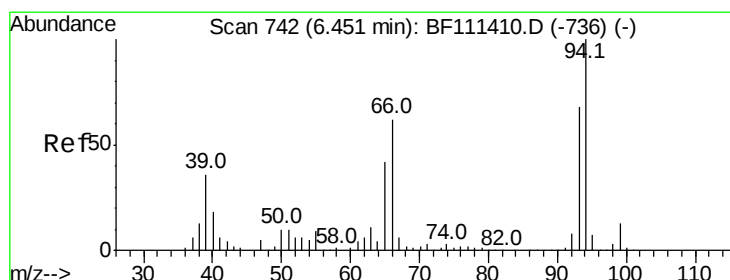
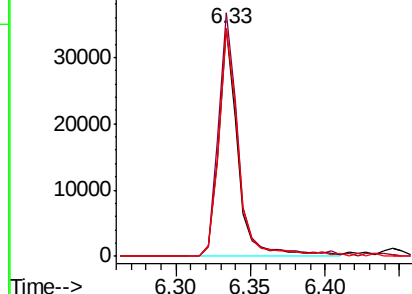
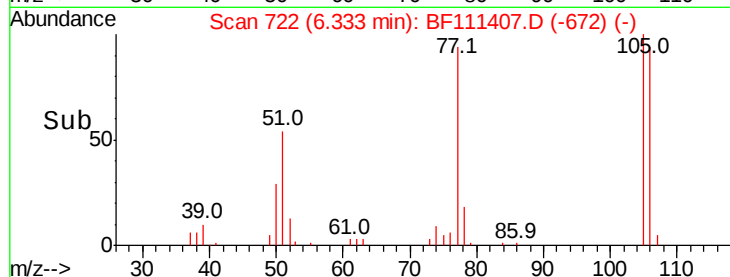
106 100.3 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.530 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

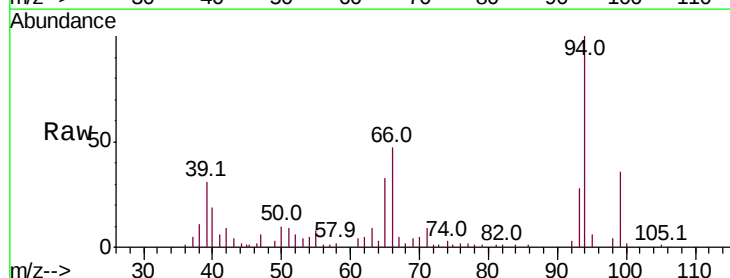
Tgt Ion: 94 Resp: 51615

Ion Ratio Lower Upper

94 100

65 32.9 11.7 51.7

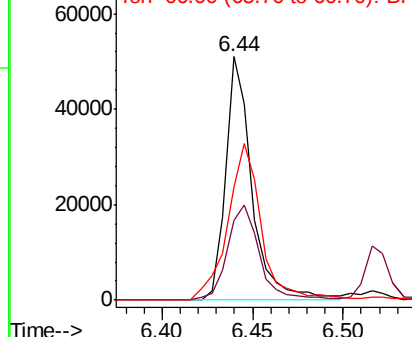
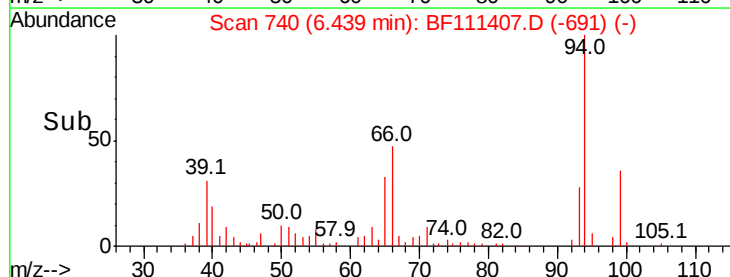
66 46.5 21.0 61.0

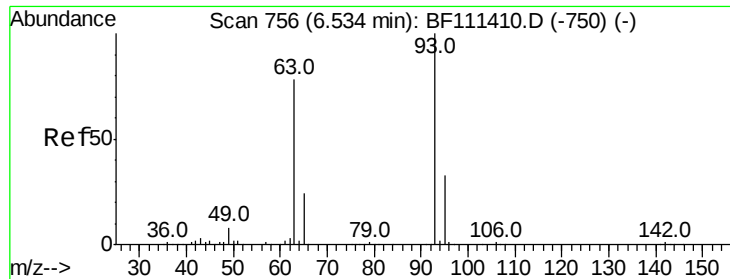


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 2.624 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

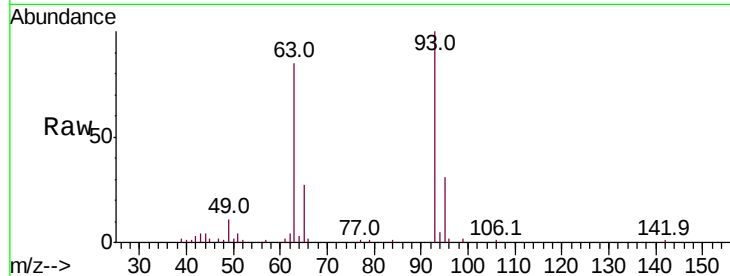
Tot Ion: 93 Resp: 42119

Ion Ratio Lower Upper

93 100

63 84.8 60.0 100.0

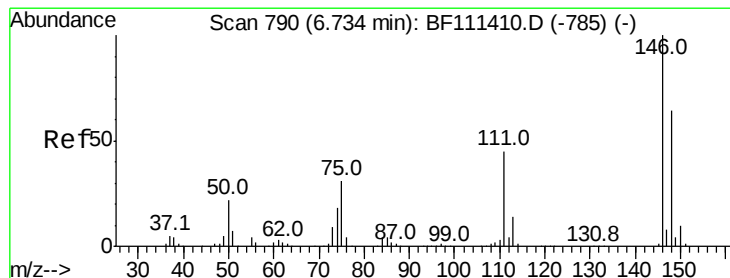
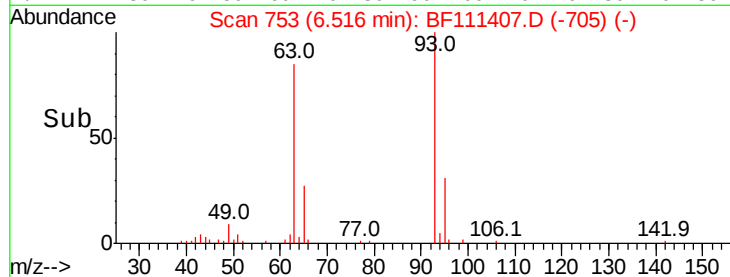
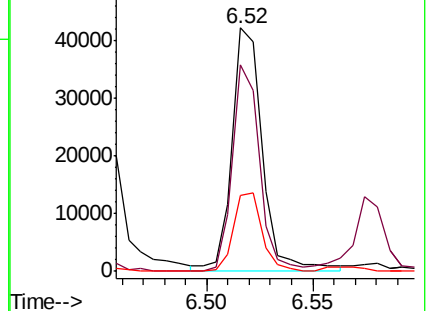
95 31.3 13.4 53.4



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: 2.667 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

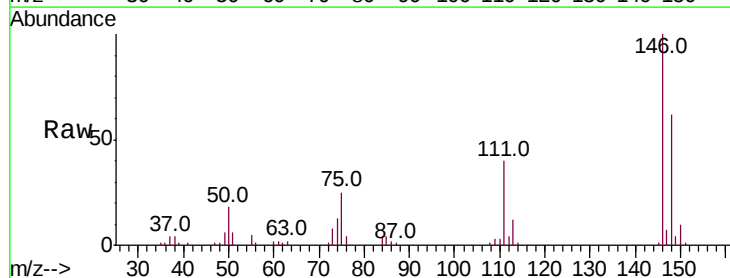
Tgt Ion: 146 Resp: 47410

Ion Ratio Lower Upper

146 100

148 62.1 52.1 78.1

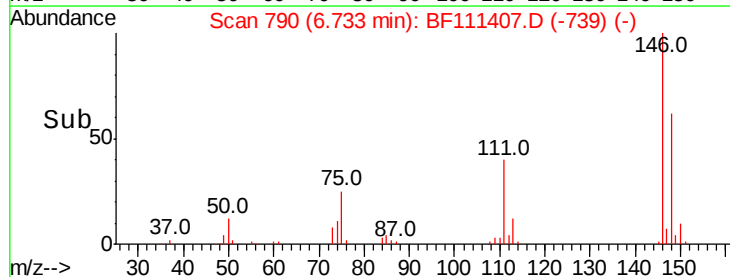
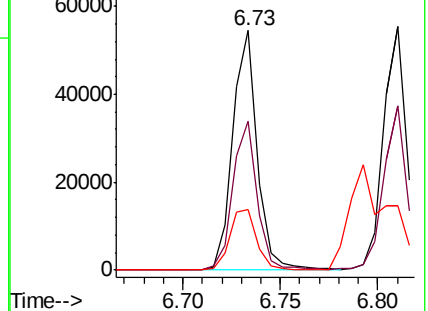
75 25.2 23.9 35.9

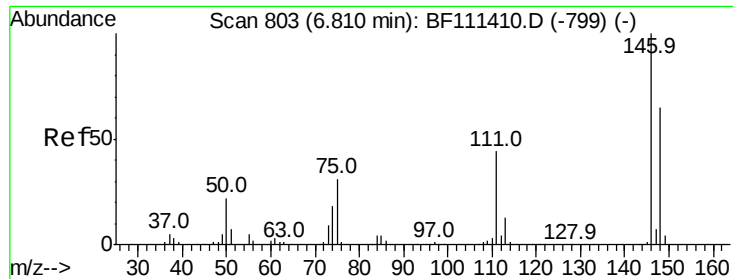


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

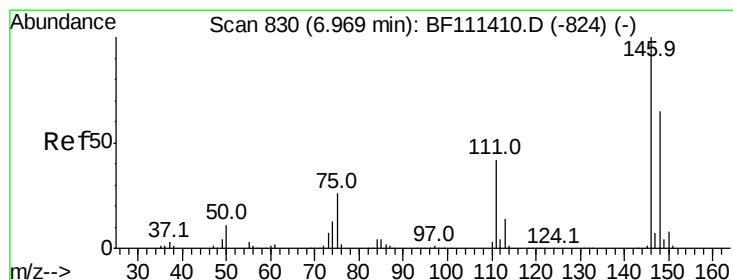
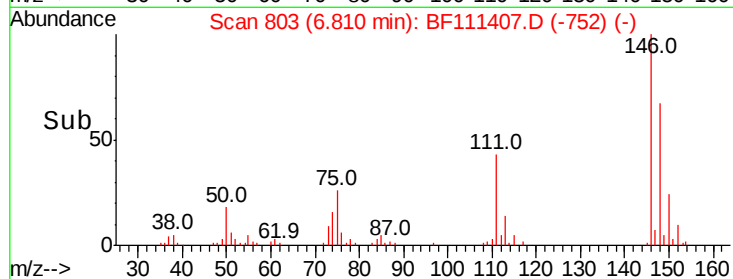
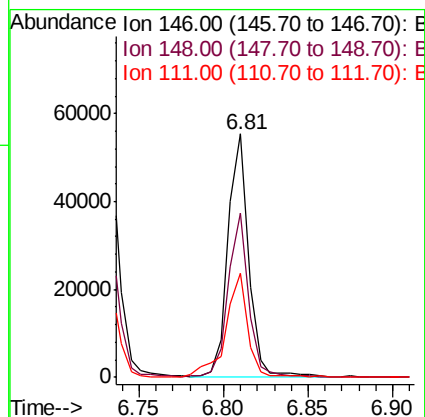
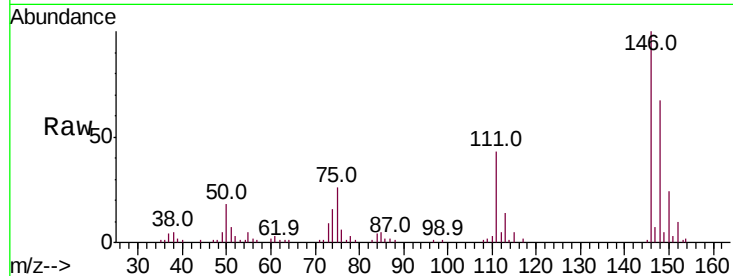




#13
 1,4-Dichlorobenzene
 Concen: 2.637 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

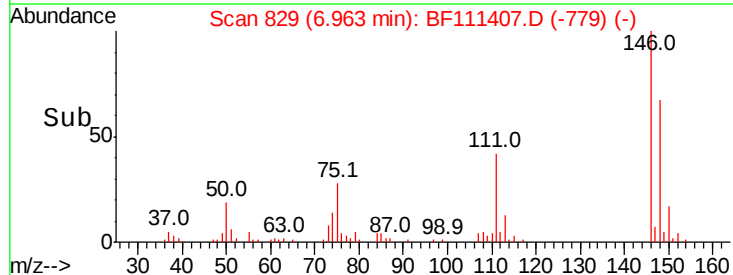
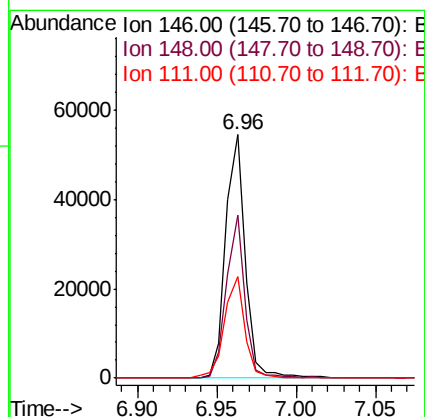
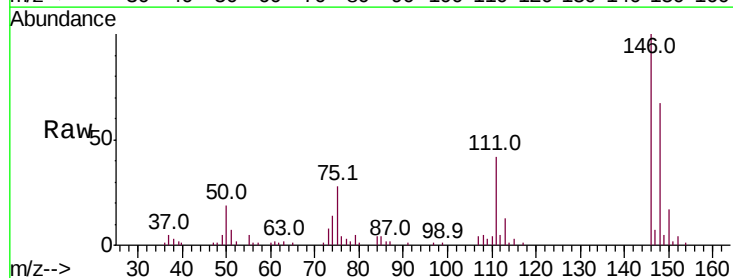
Instrument :
 BNA_F
 ClientSampleId :

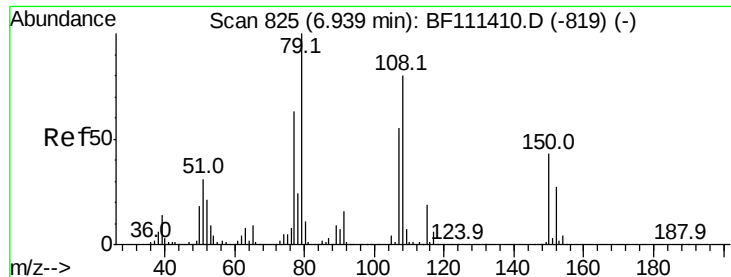
Tot Ion:146 Resp: 47455
 Ion Ratio Lower Upper
 146 100
 148 67.2 52.8 79.2
 111 42.8 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 2.806 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion:146 Resp: 46716
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.9 77.9
 111 41.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 2.527 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

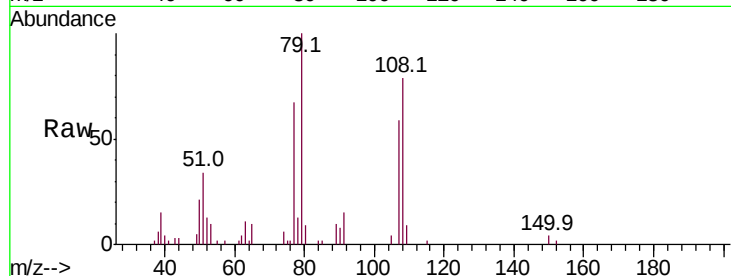
Tot Ion: 79 Resp: 34857

Ion Ratio Lower Upper

79 100

108 78.9 69.4 104.2

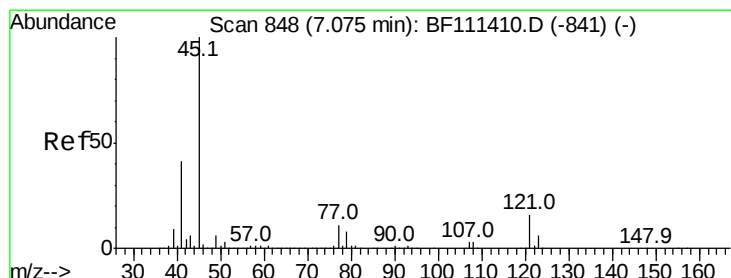
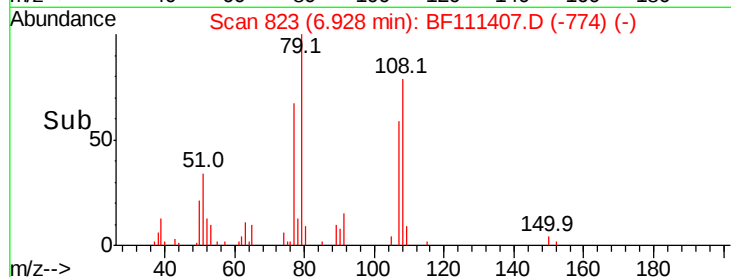
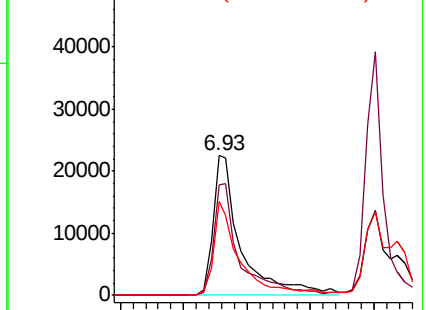
77 67.5 49.7 74.5



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: 2.608 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

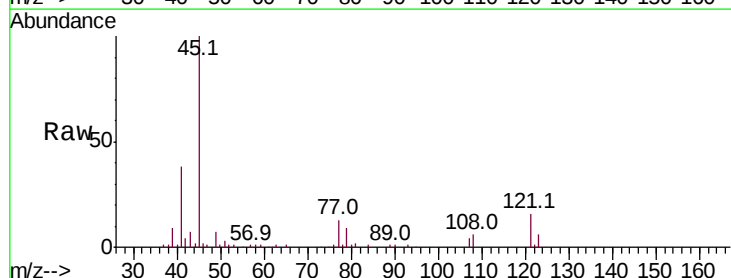
Tgt Ion: 45 Resp: 81099

Ion Ratio Lower Upper

45 100

77 12.7 0.0 31.5

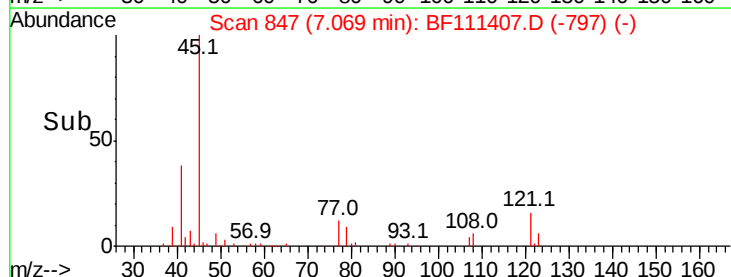
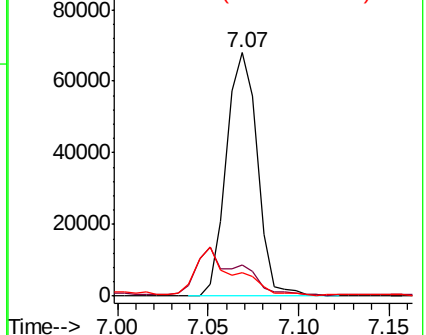
79 9.5 0.0 28.9

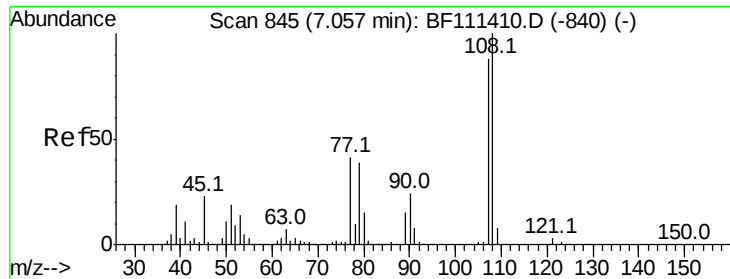


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

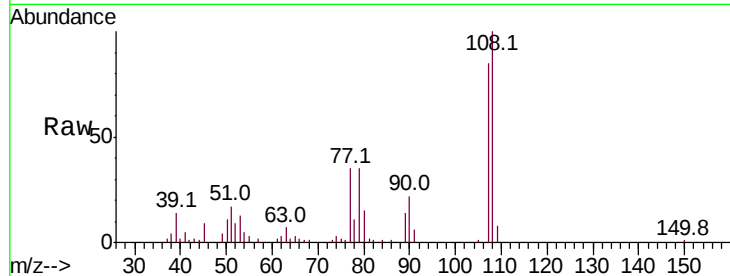




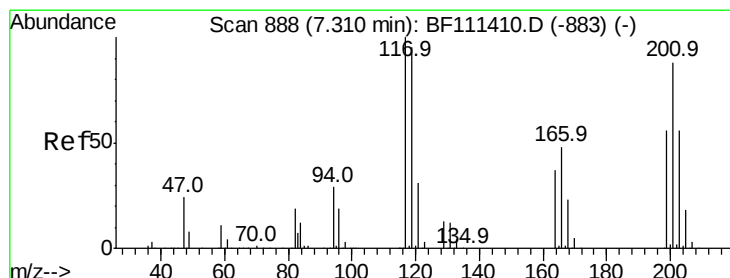
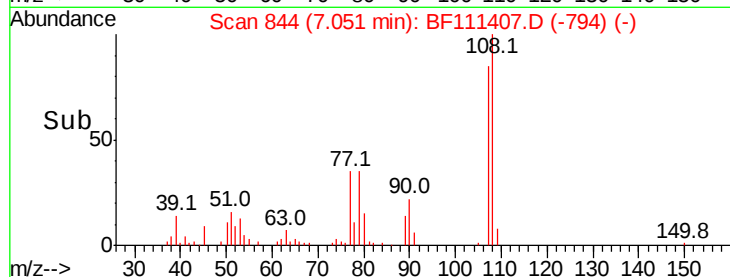
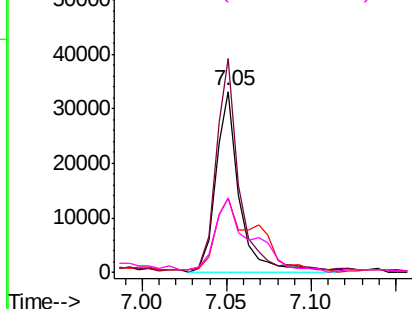
#17
2-Methylphenol
Concen: 2.463 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 32680
Ion Ratio Lower Upper
107 100
108 118.3 91.0 136.4
77 40.8 33.5 50.3
79 41.3 33.3 49.9

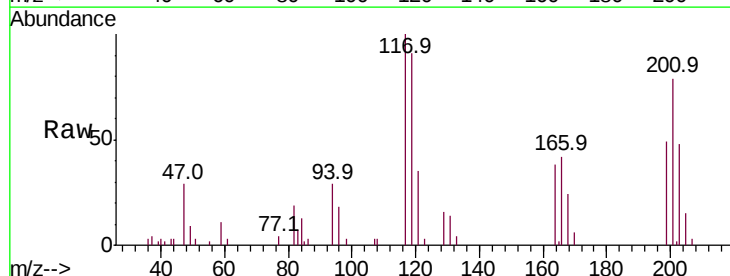


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

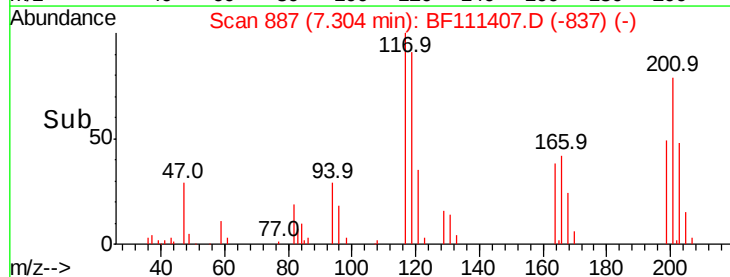
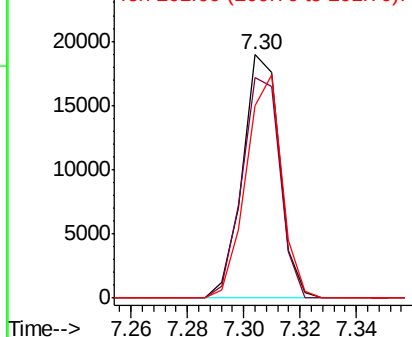


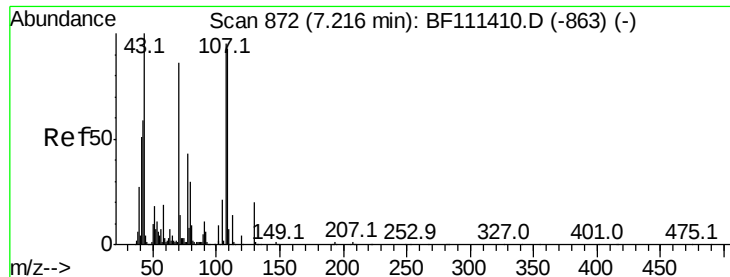
#18
Hexachloroethane
Concen: 2.582 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:117 Resp: 17251
Ion Ratio Lower Upper
117 100
119 90.5 75.4 113.0
201 78.9 62.4 93.6



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

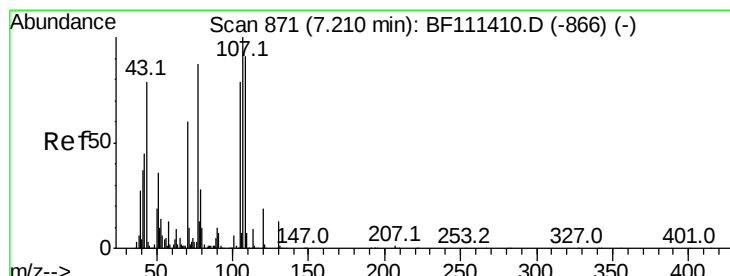
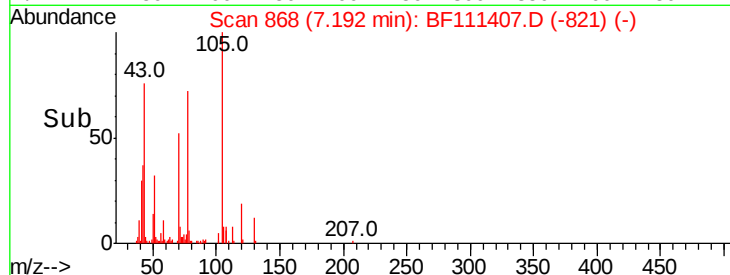
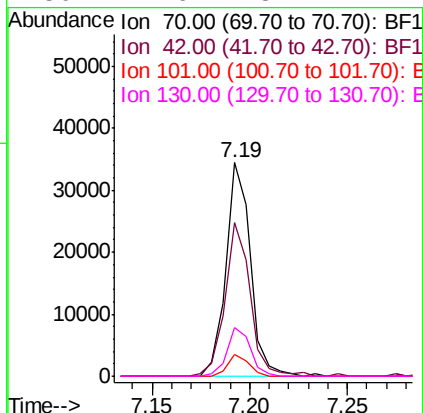
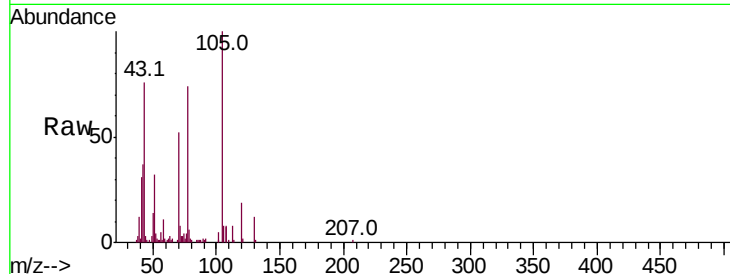




#19
n-Nitroso-di-n-propylamine
Concen: 2.522 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

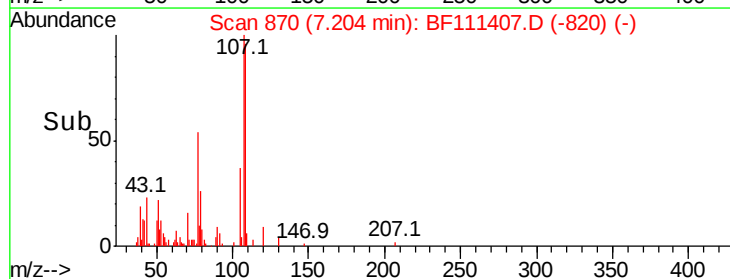
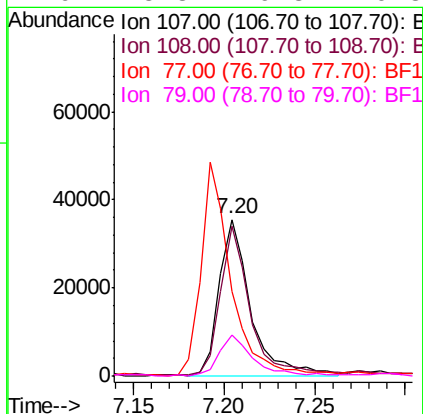
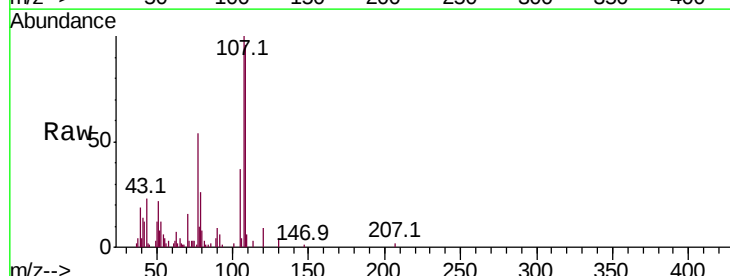
Instrument :
BNA_F
ClientSampleId :

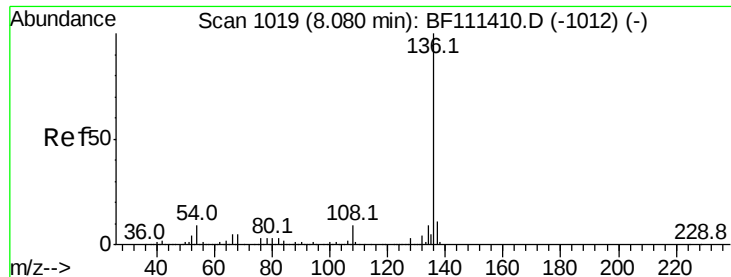
Tot Ion:	70	Resp:	30182
Ion	Ratio	Lower	Upper
70	100		
42	71.7	53.2	79.8
101	10.3	8.2	12.4
130	22.6	18.1	27.1



#20
3+4-Methylphenols
Concen: 2.747 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:	107	Resp:	43459
Ion	Ratio	Lower	Upper
107	100		
108	95.7	72.1	112.1
77	53.6	94.1	134.1#
79	25.8	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 957784

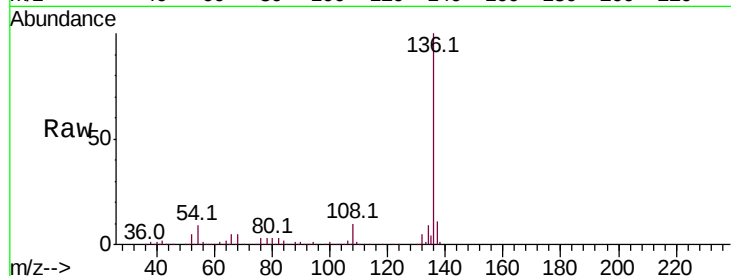
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.3 7.7 11.5

68 5.4 4.9 7.3

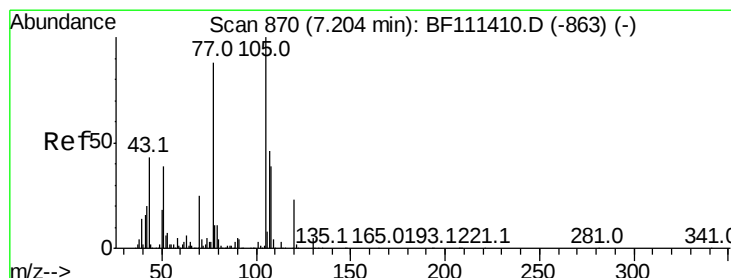
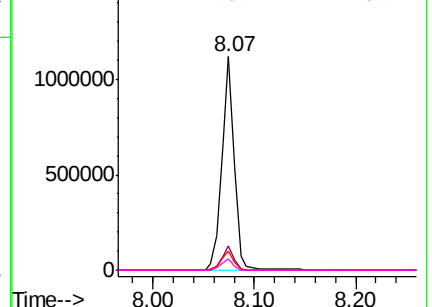
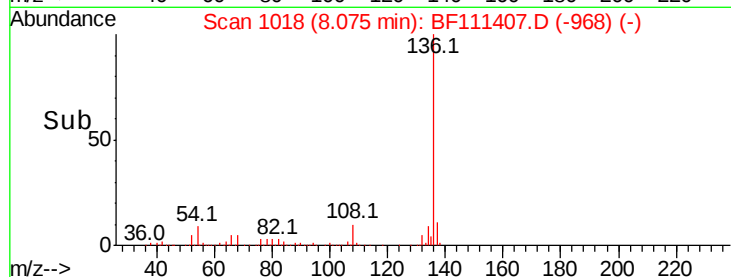


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.673 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Tgt Ion:105 Resp: 59471

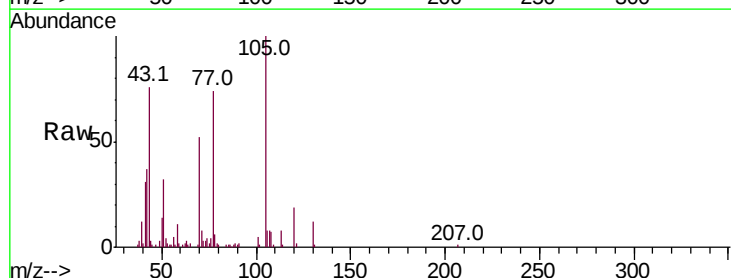
Ion Ratio Lower Upper

105 100

71 7.9 3.1 4.7#

51 32.4 36.6 54.8#

120 19.1 18.2 27.4

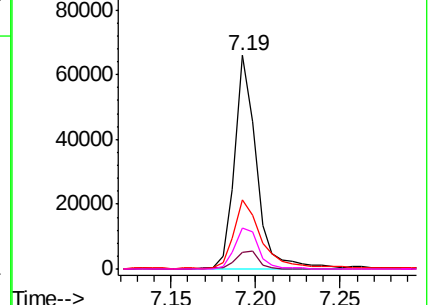
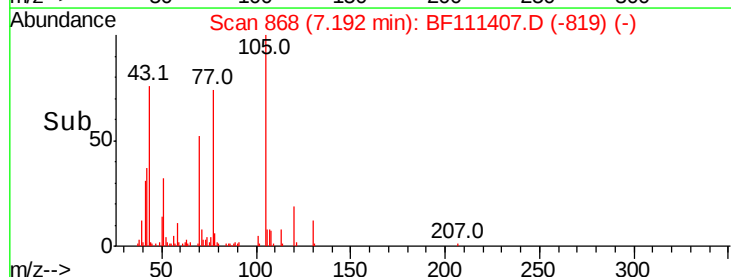


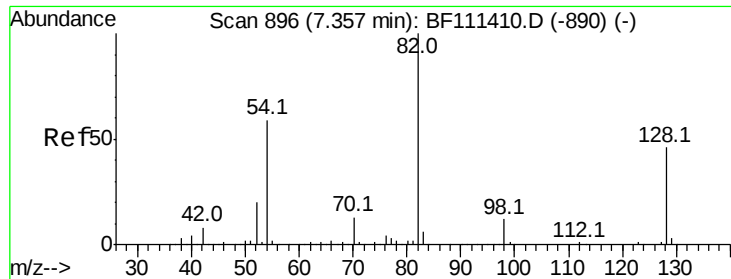
Abundance Ion 105.00 (104.70 to 105.70): E

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

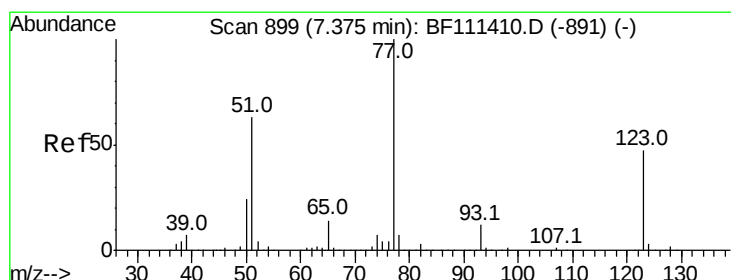
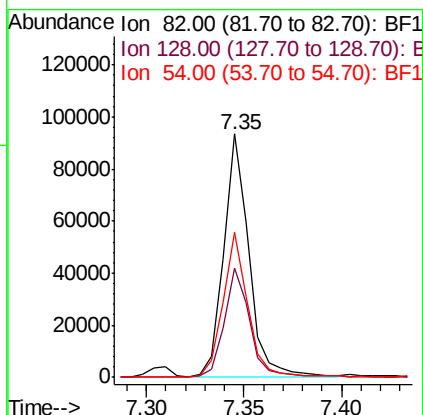
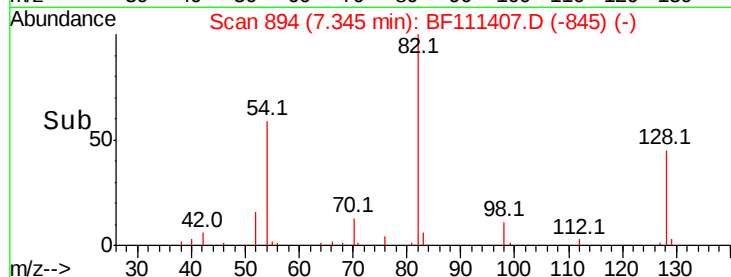
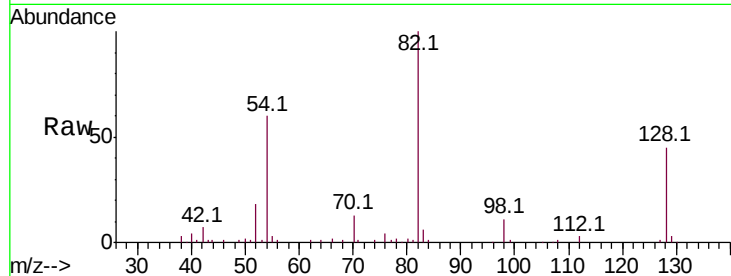




#23
 Nitrobenzene-d5
 Concen: 4.952 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

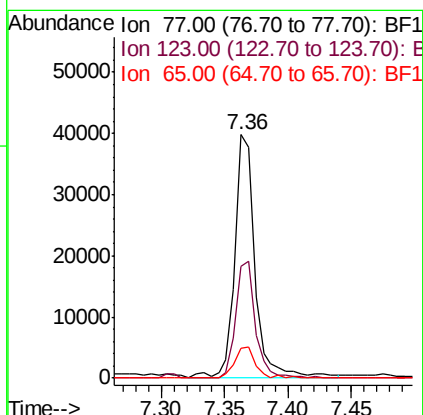
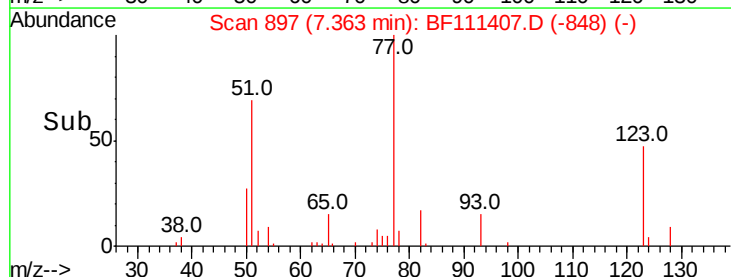
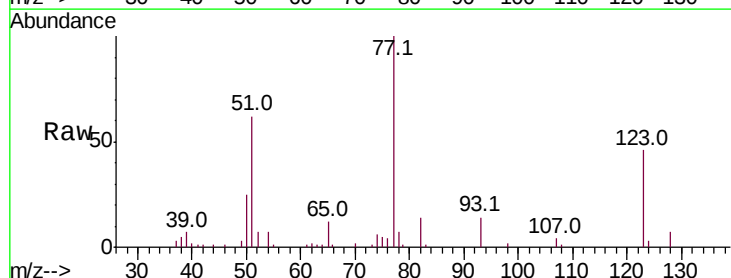
Instrument :
 BNA_F
 ClientSampleID :

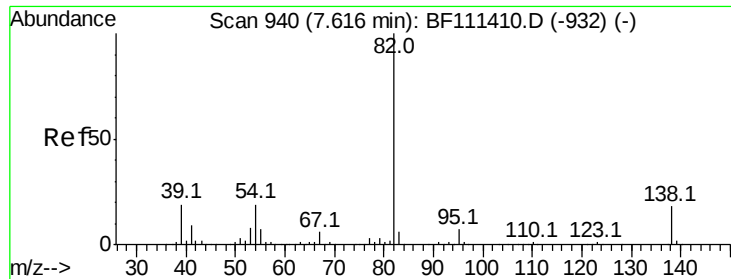
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.4	56.2
54	59.6	47.6	71.4



#24
 Nitrobenzene
 Concen: 2.517 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.2	55.8
65	12.1	11.5	17.3





#25

Isophorone

Concen: 2.455 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

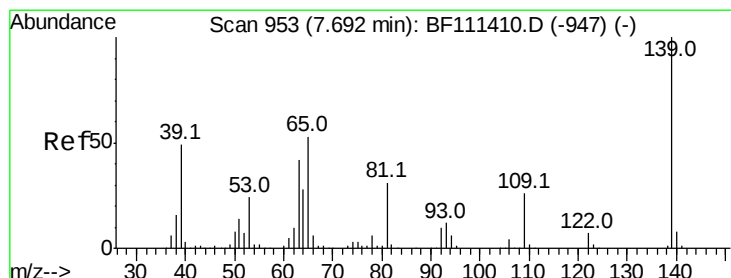
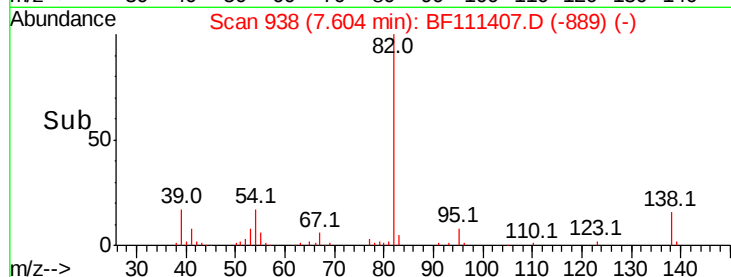
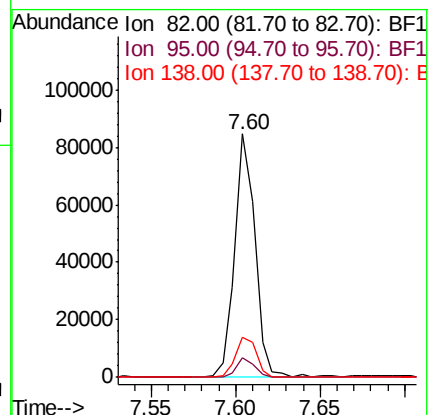
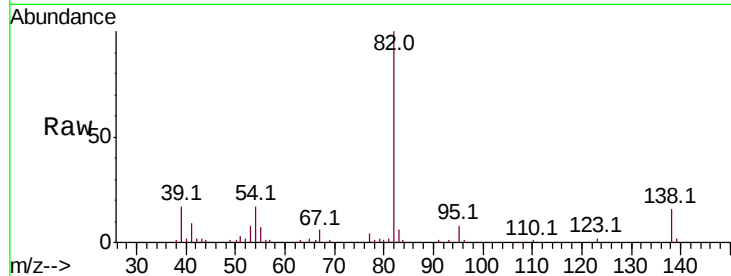
Tot Ion: 82 Resp: 70877

Ion Ratio Lower Upper

82 100

95 8.1 5.4 8.2

138 16.4 15.1 22.7



#26

2-Nitrophenol

Concen: 2.314 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

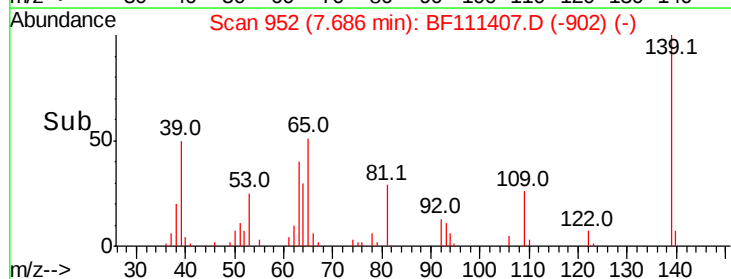
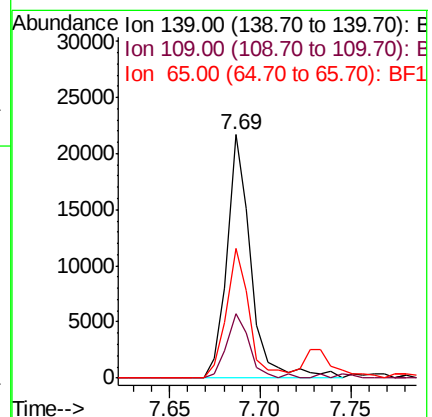
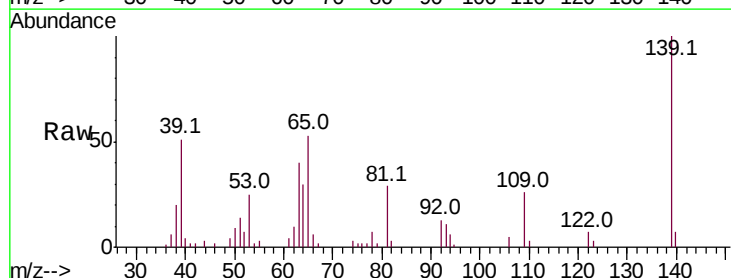
Tgt Ion: 139 Resp: 19909

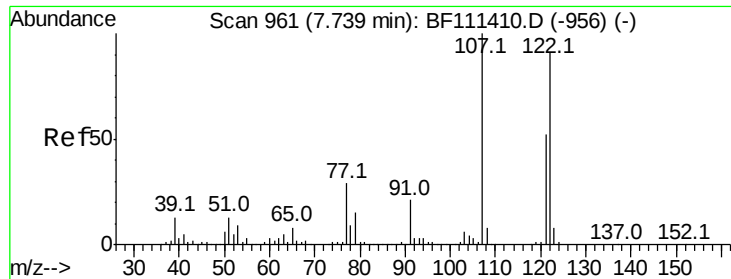
Ion Ratio Lower Upper

139 100

109 26.3 20.2 30.4

65 53.4 40.7 61.1

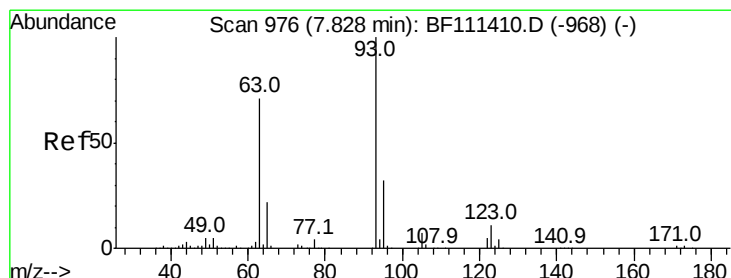
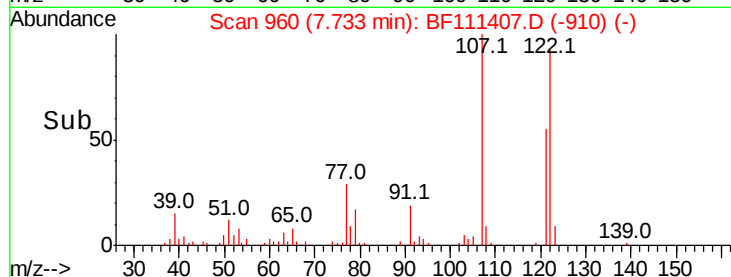
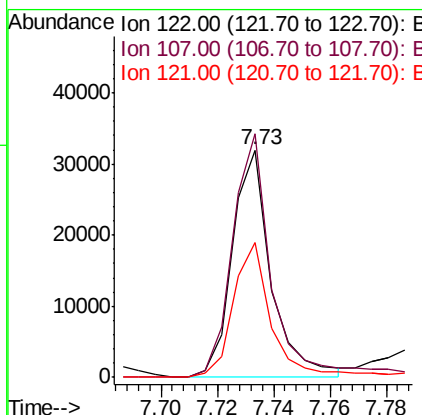
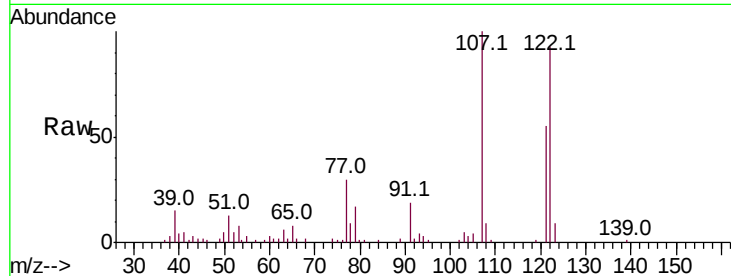




#27
2,4-Dimethylphenol
Concen: 2.335 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

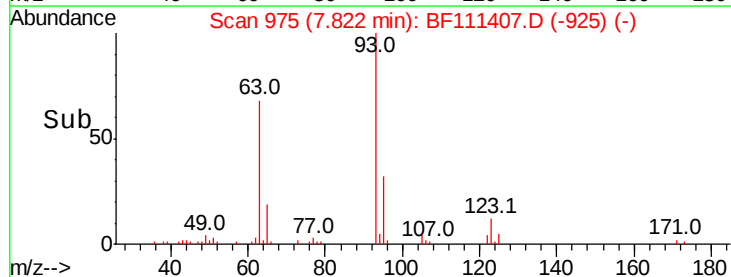
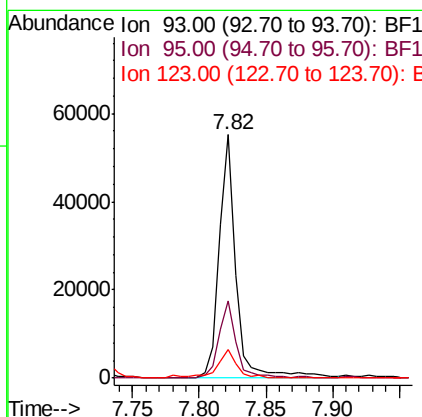
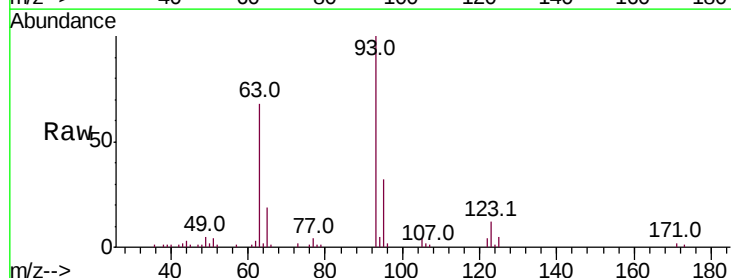
Instrument :
BNA_F
ClientSampleId :

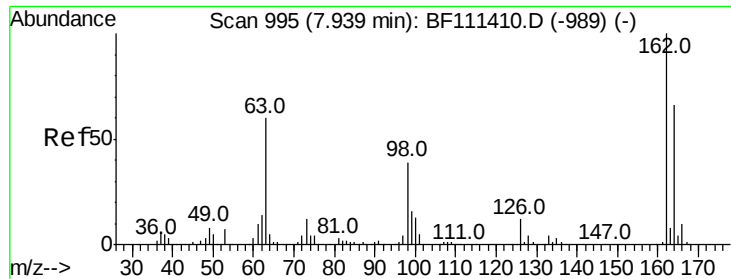
Tot Ion:122 Resp: 30494
Ion Ratio Lower Upper
122 100
107 107.3 85.5 128.3
121 59.3 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 2.508 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion: 93 Resp: 49689
Ion Ratio Lower Upper
93 100
95 31.9 27.1 40.7
123 11.9 9.9 14.9

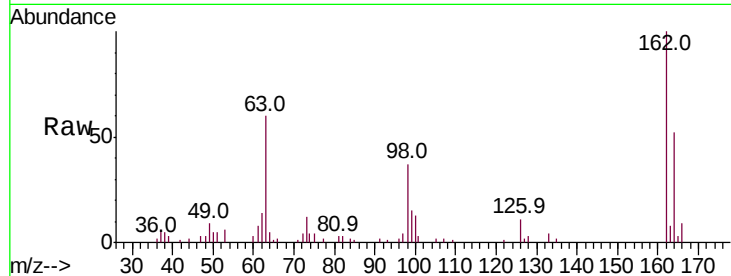




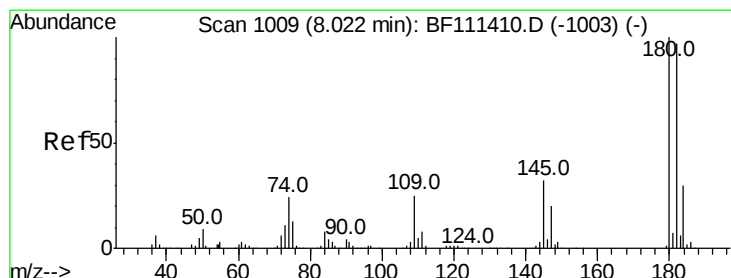
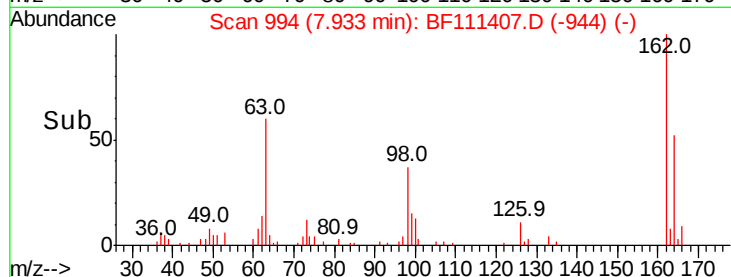
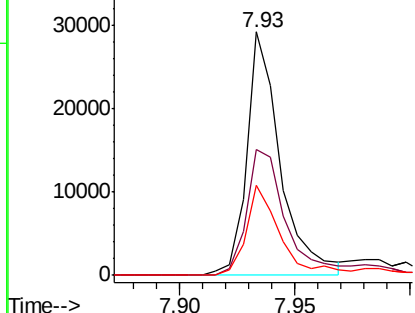
#29
 2,4-Dichlorophenol
 Concen: 2.176 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	51.6	44.4	84.4
98	36.8	20.3	60.3

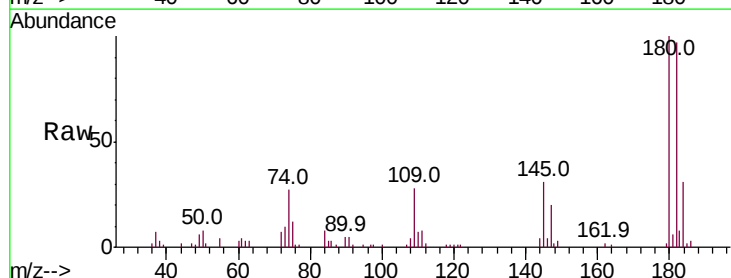


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

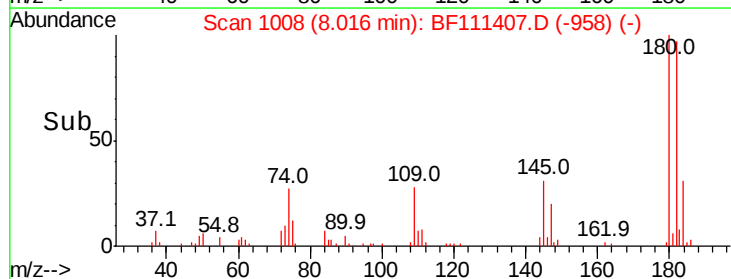
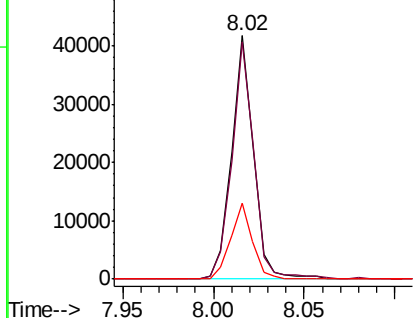


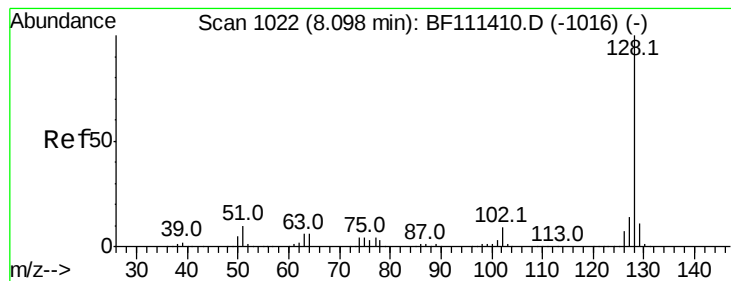
#30
 1,2,4-Trichlorobenzene
 Concen: 2.521 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.6	113.4
145	31.1	26.7	40.1



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





#31

Naphthalene

Concen: 2.763 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

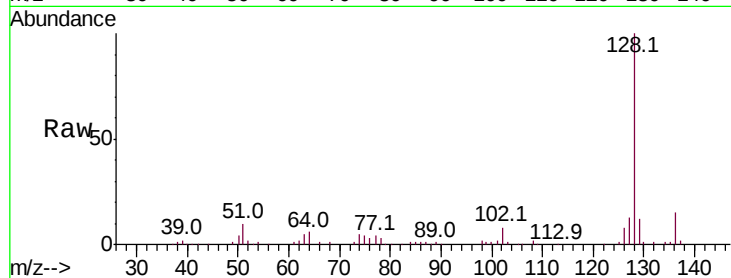
Tot Ion:128 Resp: 123279

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

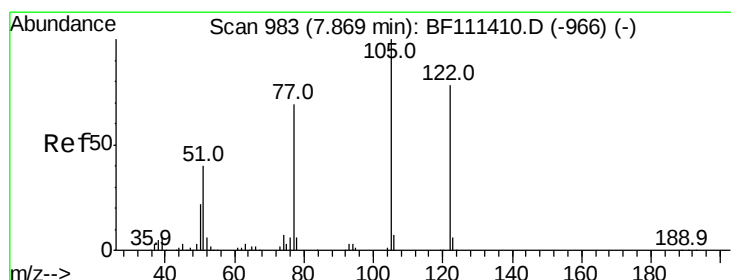
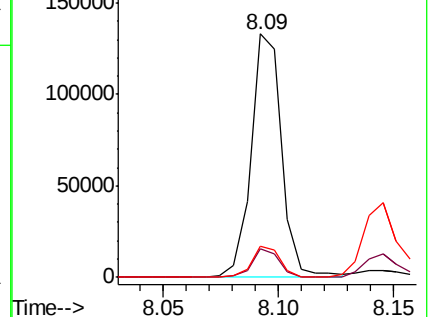
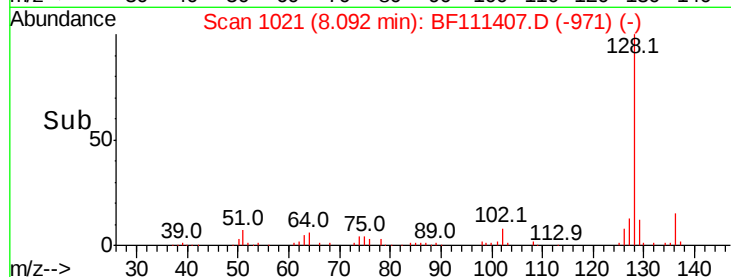
127 12.8 12.0 18.0



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: 1.441 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.07 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

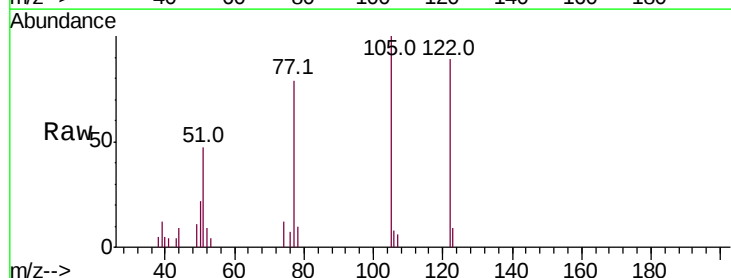
Tgt Ion:122 Resp: 15642

Ion Ratio Lower Upper

122 100

105 112.1 97.0 137.0

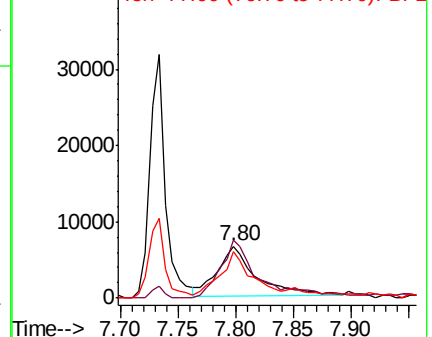
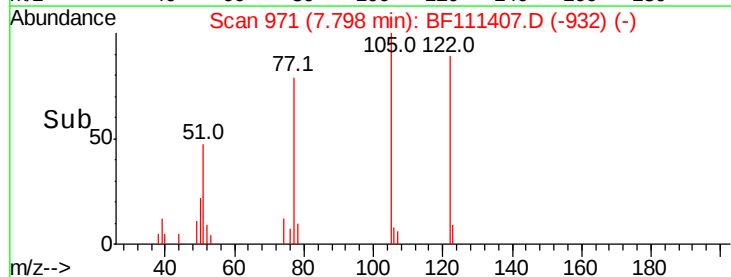
77 88.5 65.7 105.7

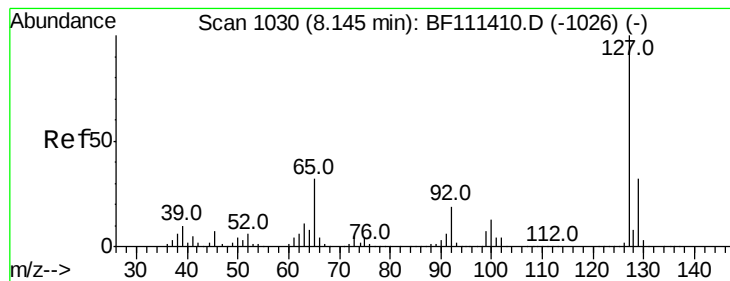


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 2.695 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF111407.D

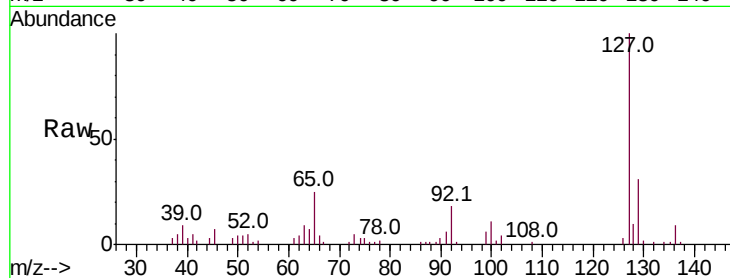
Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	51353
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.6	39.8
65	24.8	25.7	38.5
92	17.6	15.4	23.2



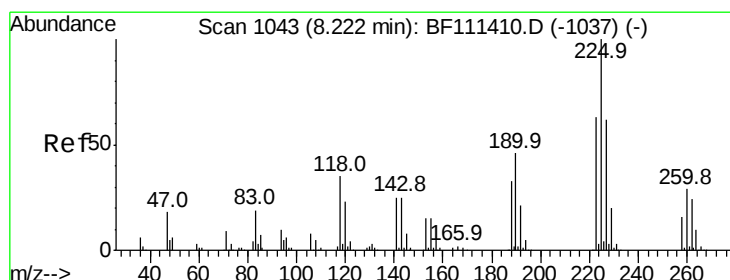
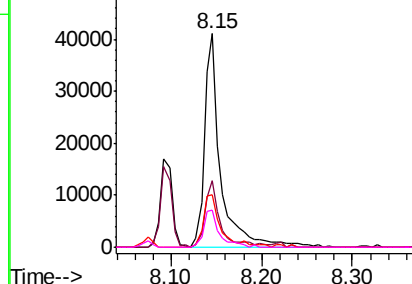
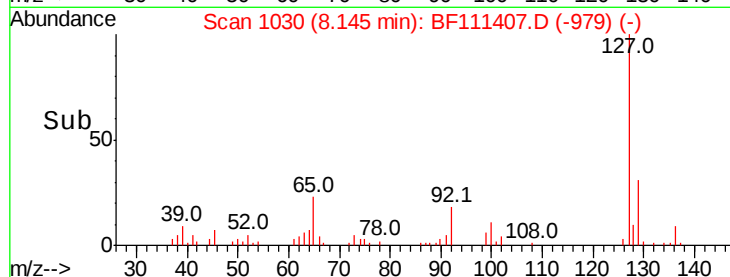
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 2.569 ng

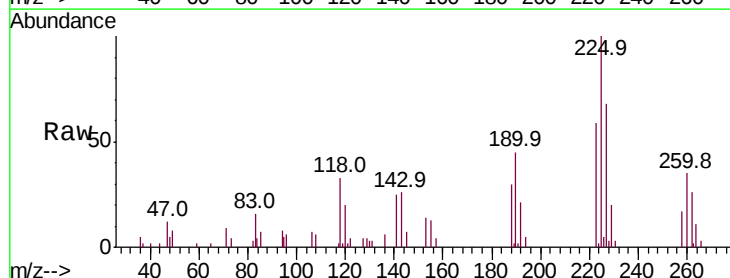
RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Tgt Ion:	225	Resp:	19950
Ion	Ratio	Lower	Upper
225	100		
223	58.8	50.7	76.1
227	68.3	52.6	78.8

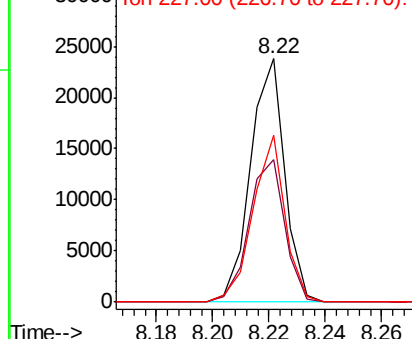
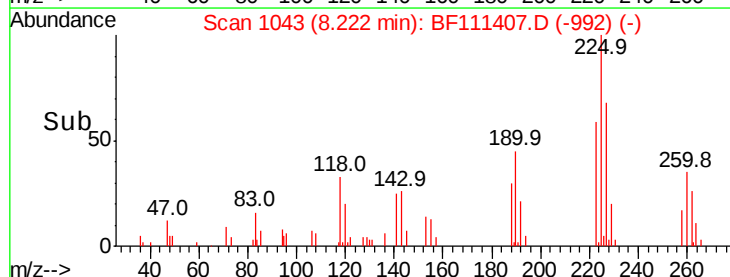


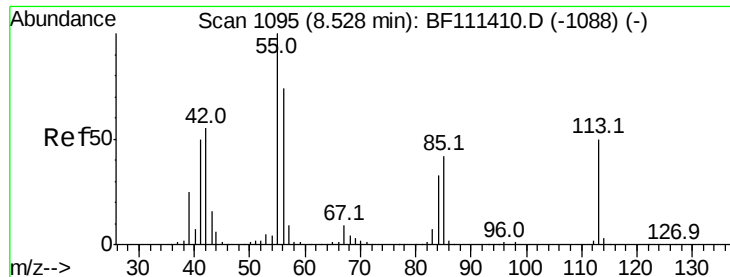
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

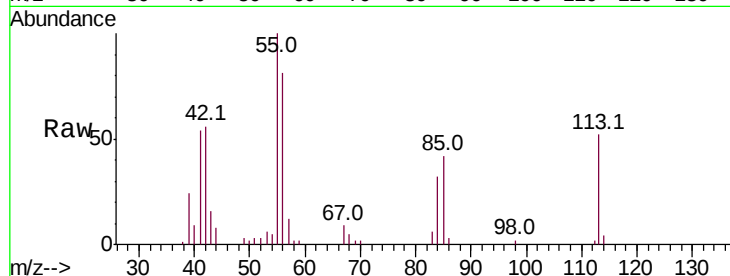




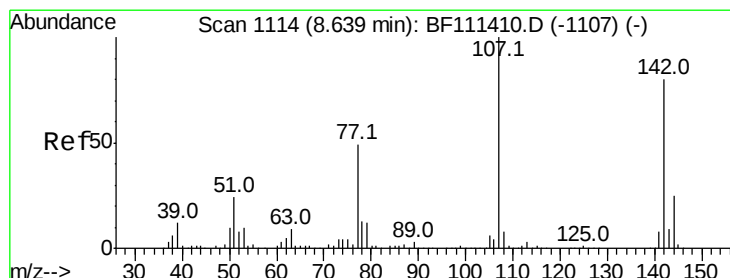
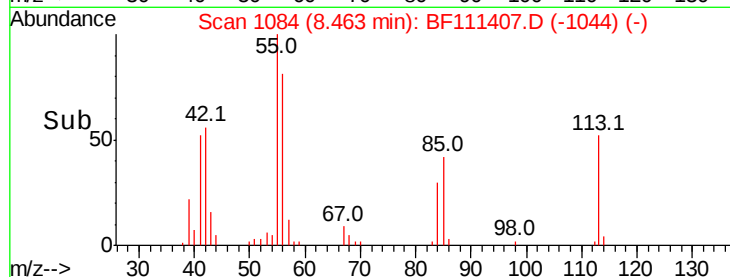
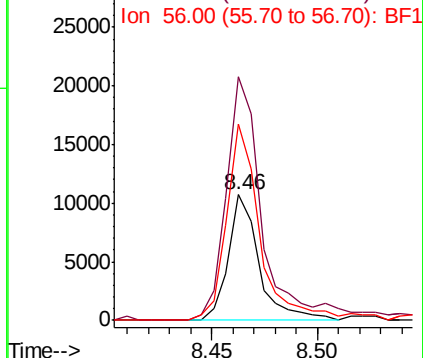
#35
 Caprolactam
 Concen: 2.261 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 10793
 Ion Ratio Lower Upper
 113 100
 55 193.7 184.1 224.1
 56 156.4 126.0 166.0

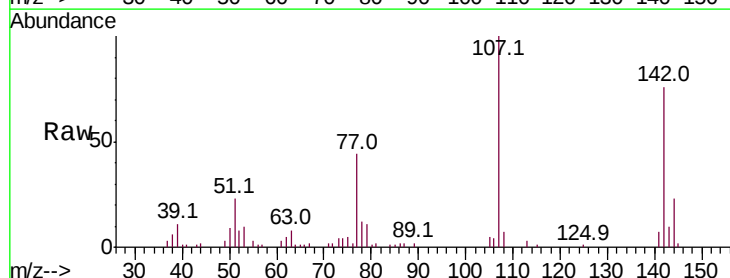


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

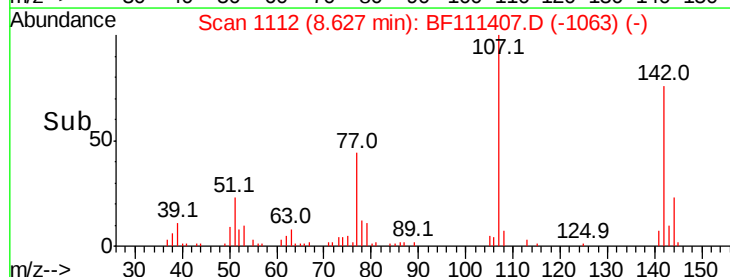
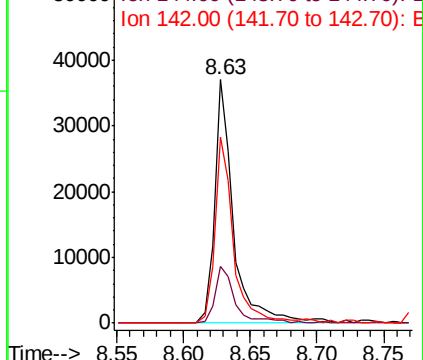


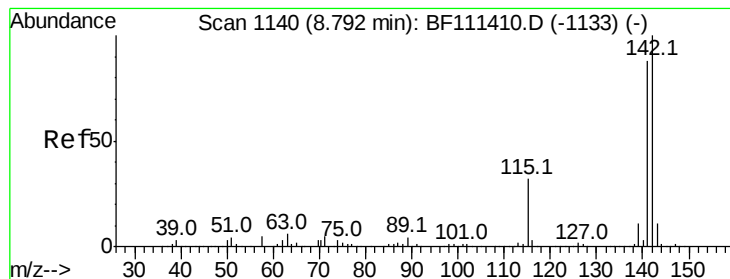
#36
 4-Chloro-3-methylphenol
 Concen: 2.534 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion:107 Resp: 36782
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.8 29.6
 142 76.5 62.3 93.5



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: 2.735 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

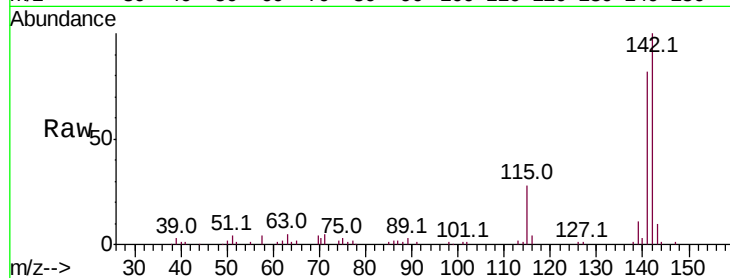
Tot Ion:142 Resp: 78886

Ion Ratio Lower Upper

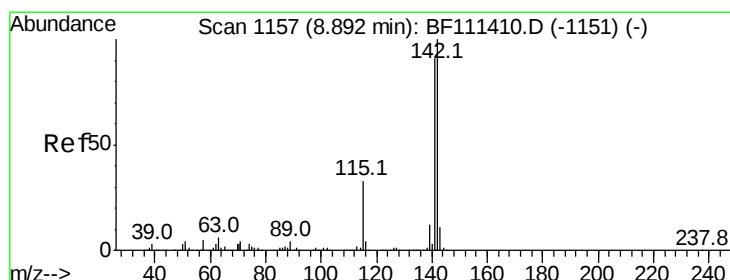
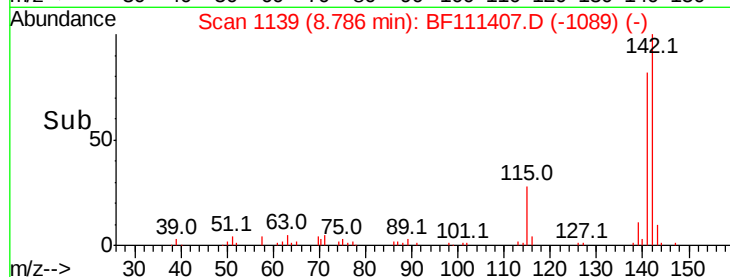
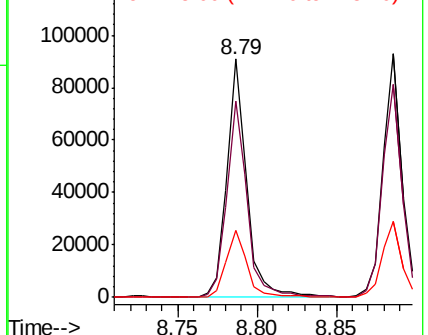
142 100

141 82.3 70.6 105.8

115 28.4 27.0 40.6



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: 2.857 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

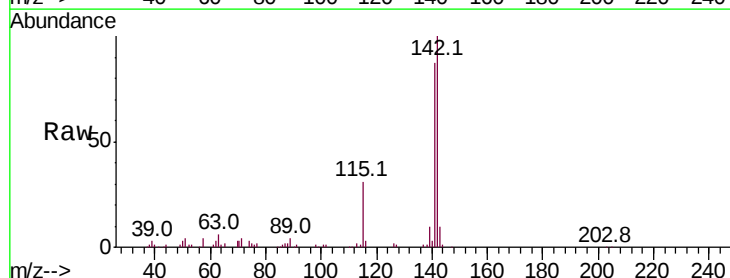
Tgt Ion:142 Resp: 79539

Ion Ratio Lower Upper

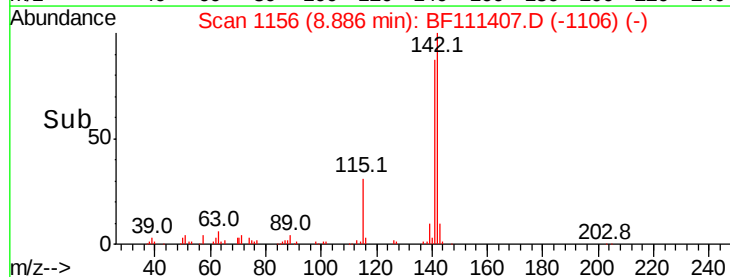
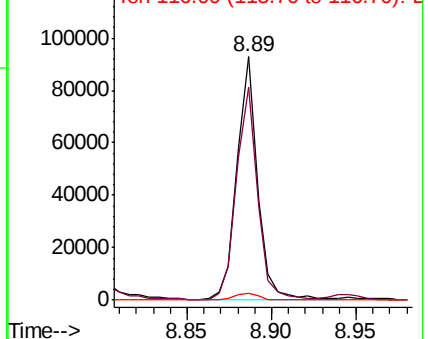
142 100

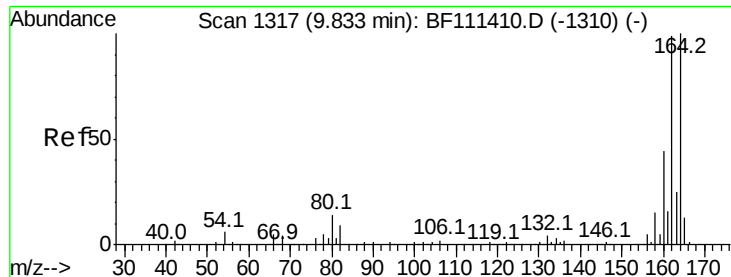
141 87.4 74.2 111.4

116 2.9 2.9 4.3



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

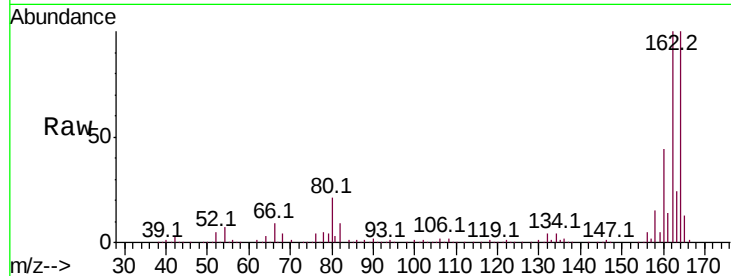




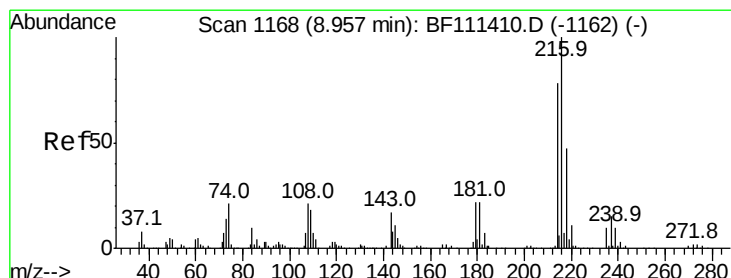
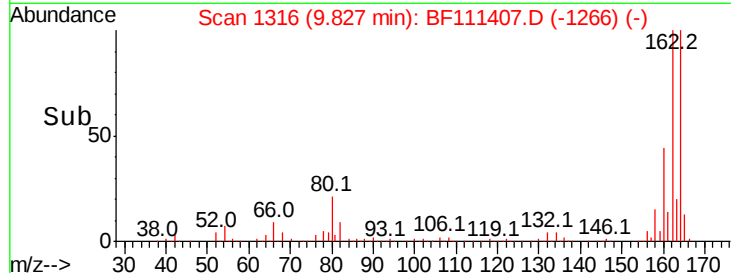
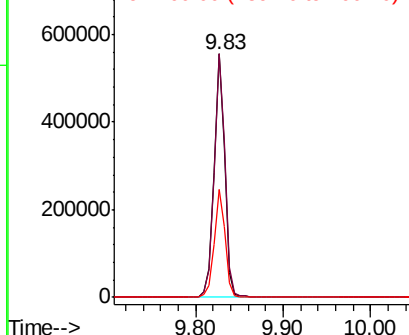
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 475699
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.1 35.7 53.5

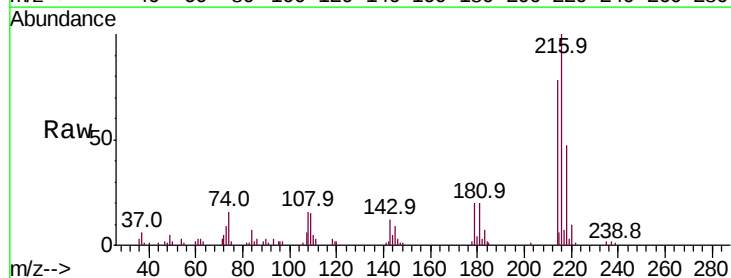


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

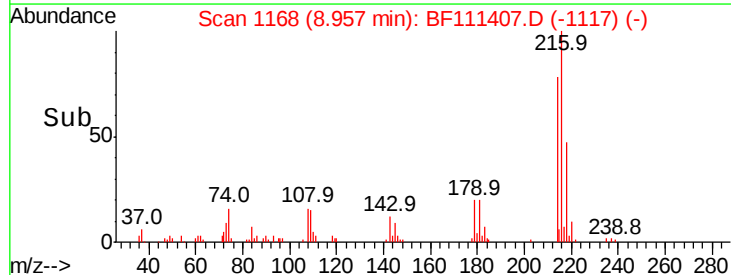
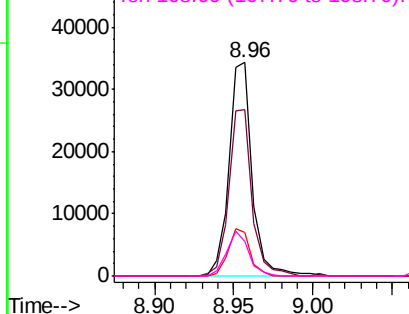


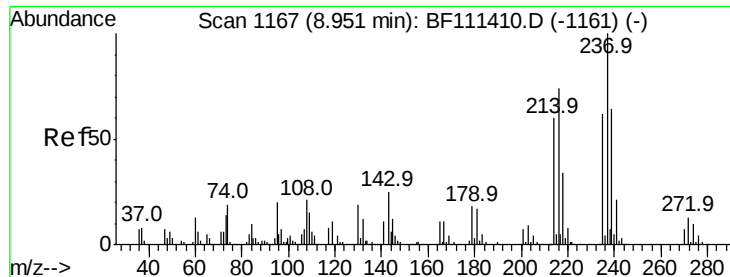
#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.607 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:216 Resp: 34855
Ion Ratio Lower Upper
216 100
214 77.1 63.8 95.8
179 20.6 17.9 26.9
108 19.7 18.4 27.6



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: 1.806 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

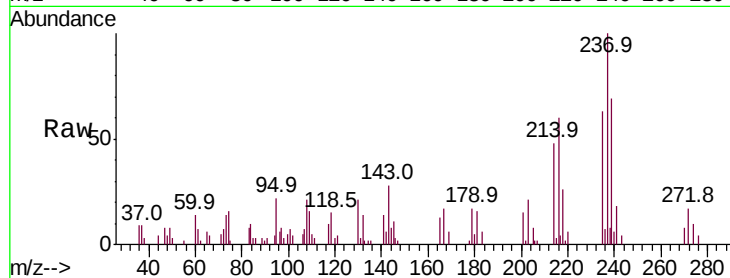
Tot Ion:237 Resp: 12607

Ion Ratio Lower Upper

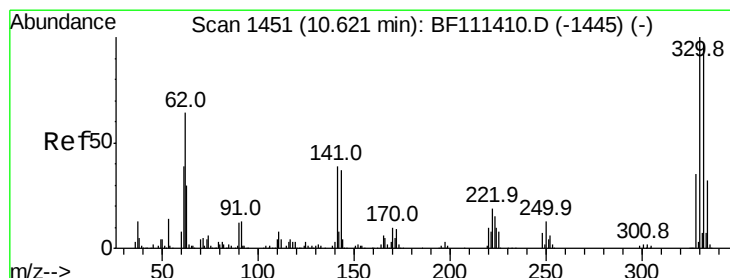
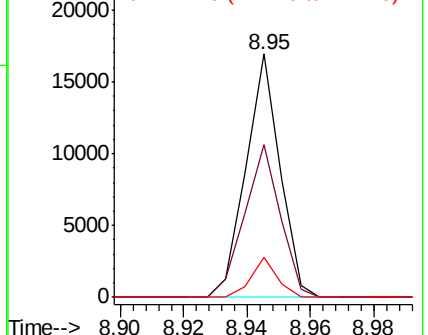
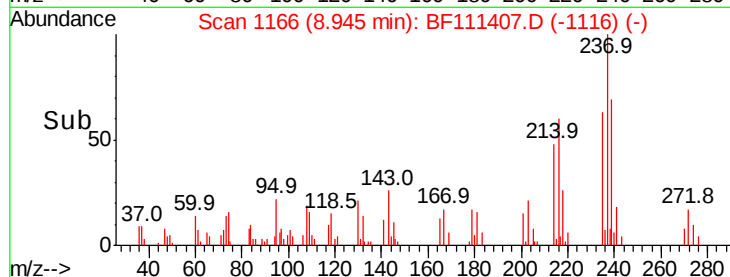
237 100

235 62.9 43.1 83.1

272 16.5 0.0 33.0



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: 5.246 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

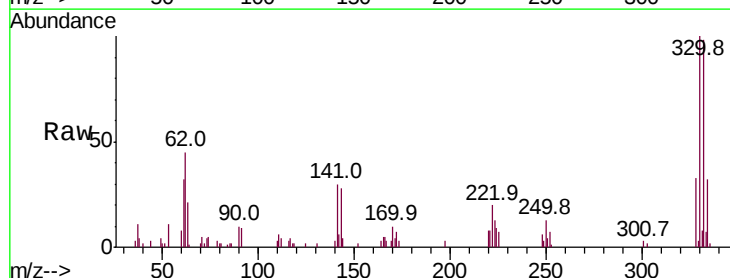
Tgt Ion:330 Resp: 21999

Ion Ratio Lower Upper

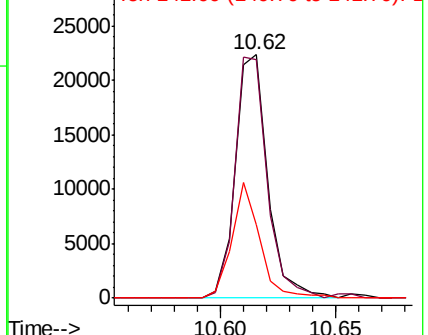
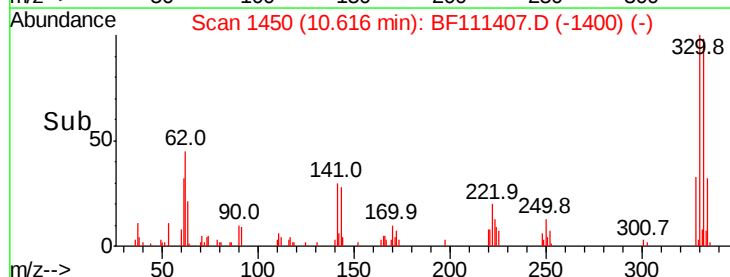
330 100

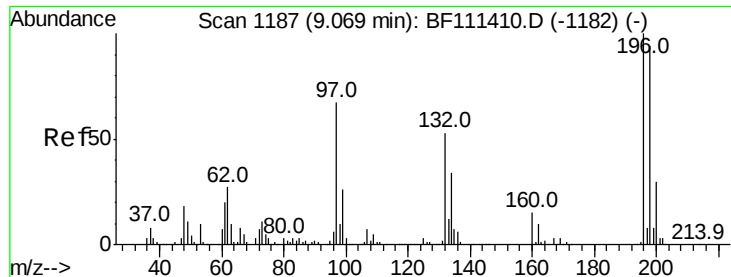
332 97.8 76.0 114.0

141 41.0 31.0 46.6



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

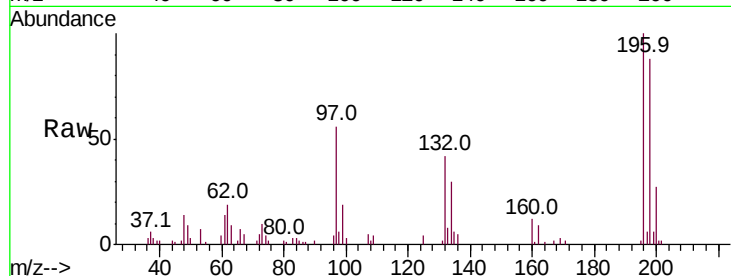




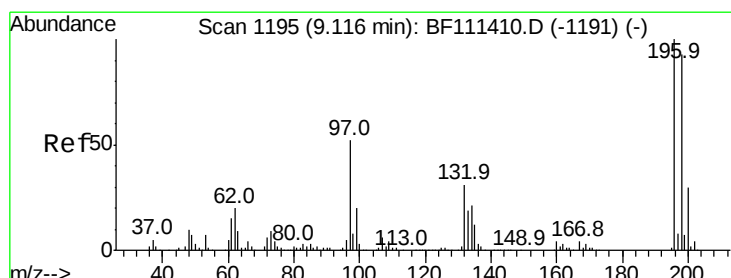
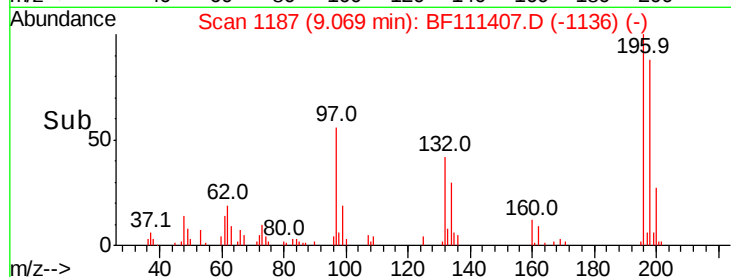
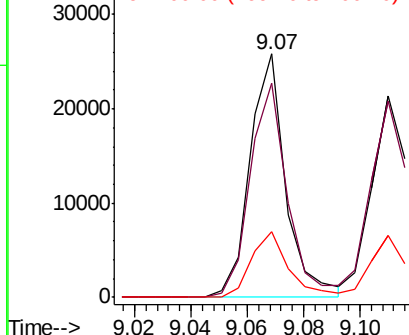
#43
 2,4,6-Trichlorophenol
 Concen: 2.375 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 22730
 Ion Ratio Lower Upper
 196 100
 198 88.2 76.3 114.5
 200 26.8 24.9 37.3

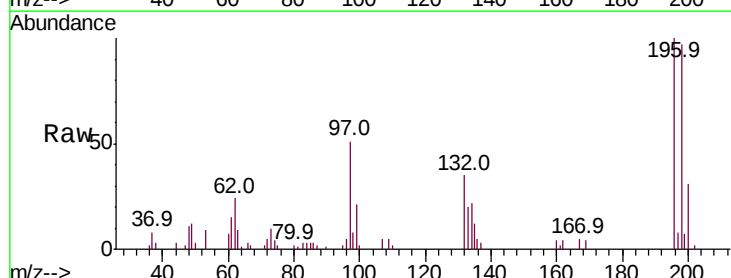


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

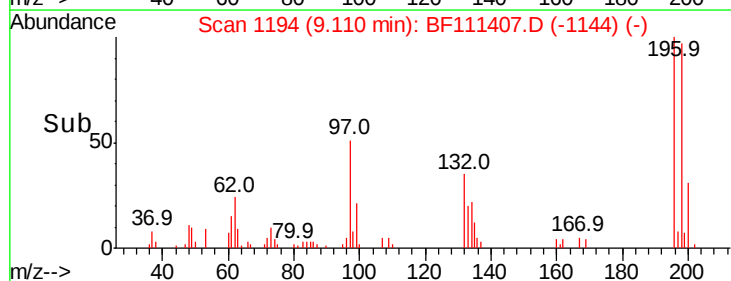
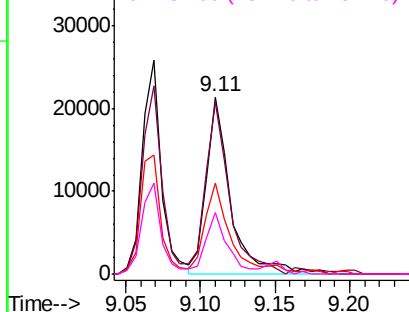


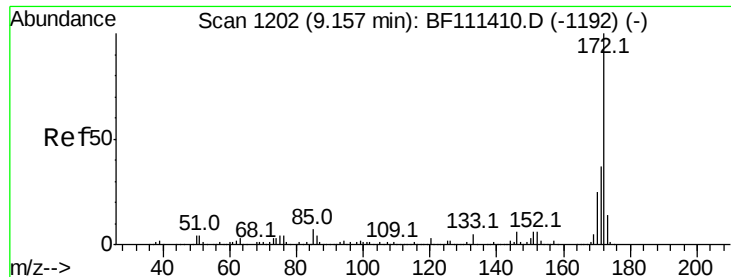
#44
 2,4,5-Trichlorophenol
 Concen: 2.401 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion:196 Resp: 24282
 Ion Ratio Lower Upper
 196 100
 198 97.3 72.9 109.3
 97 51.3 45.3 67.9
 132 35.1 25.5 38.3



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

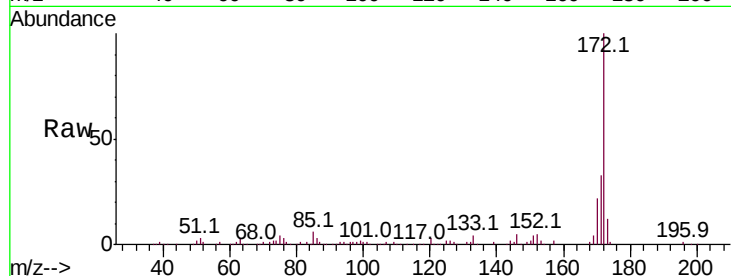




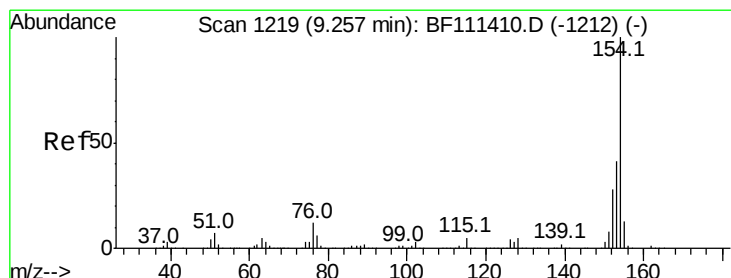
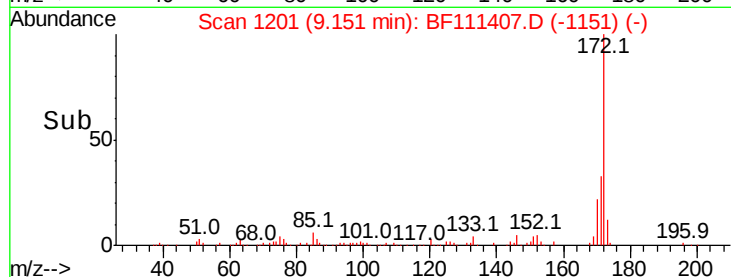
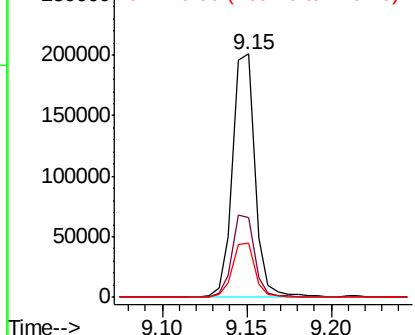
#45
2-Fluorobiphenyl
Concen: 6.296 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 186536
Ion Ratio Lower Upper
172 100
171 32.6 33.0 49.4#
170 22.2 22.3 33.5#

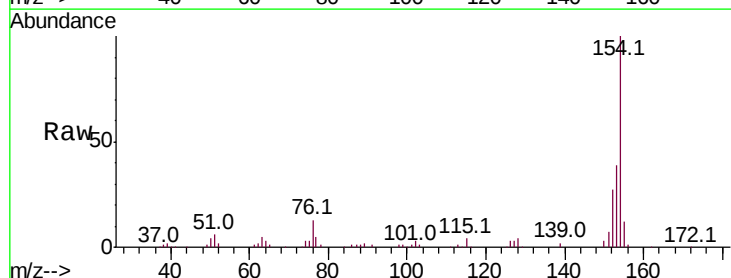


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

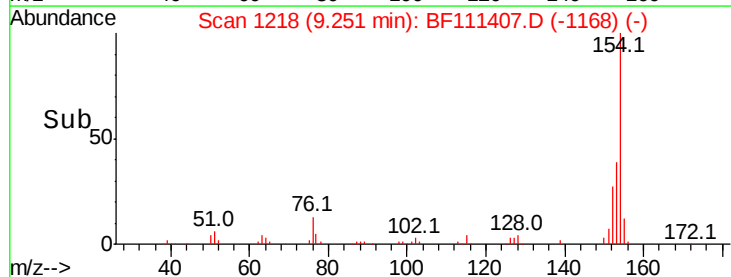
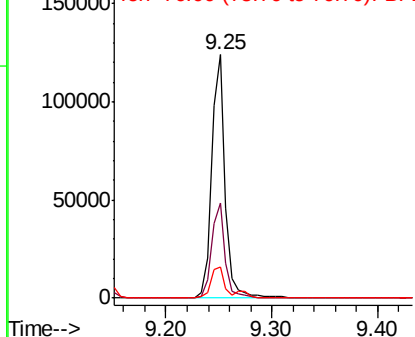


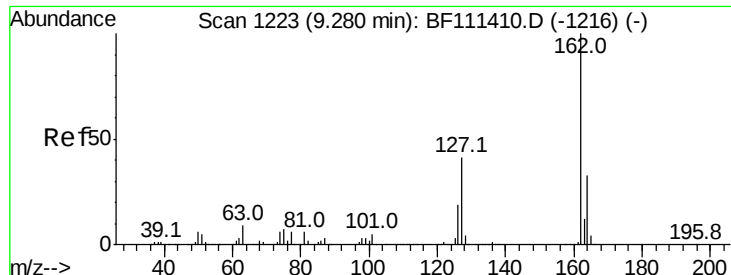
#46
1,1'-Biphenyl
Concen: 2.753 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:154 Resp: 111733
Ion Ratio Lower Upper
154 100
153 39.2 23.7 63.7
76 12.8 0.0 35.0



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

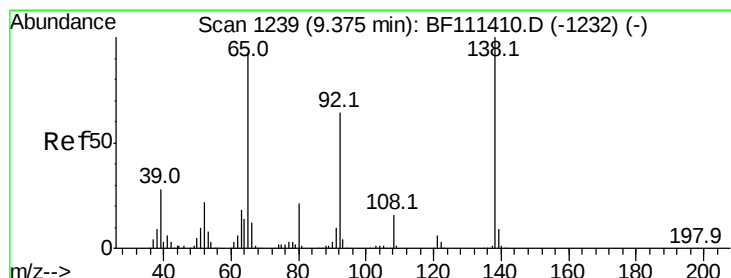
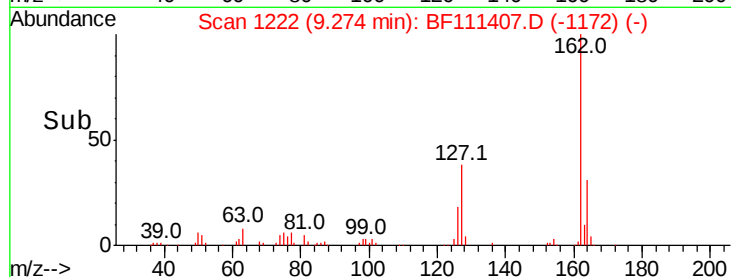
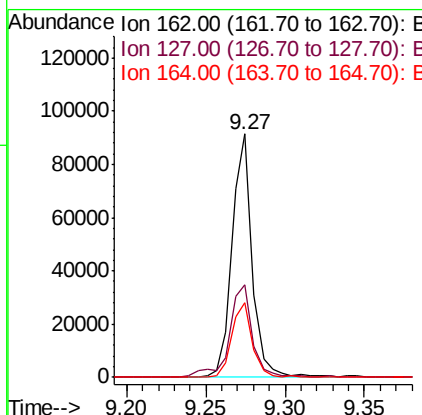
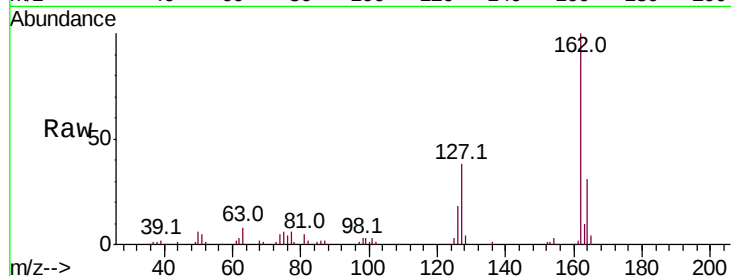




#47
 2-Chloronaphthalene
 Concen: 2.598 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

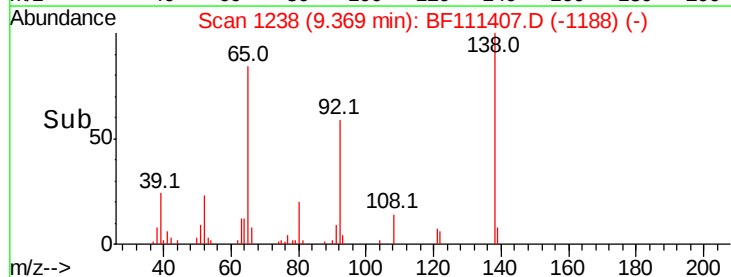
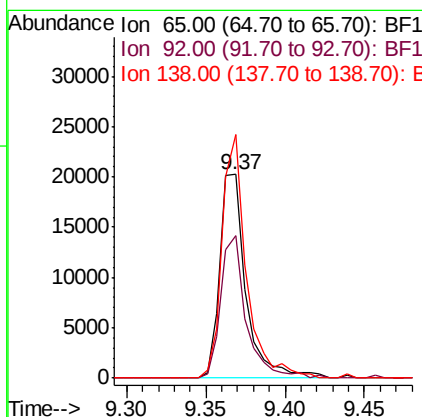
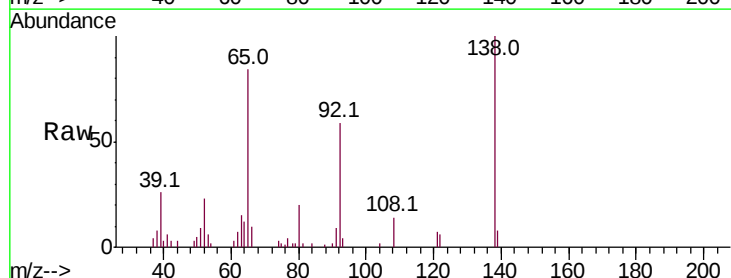
Instrument :
 BNA_F
 ClientSampleId :

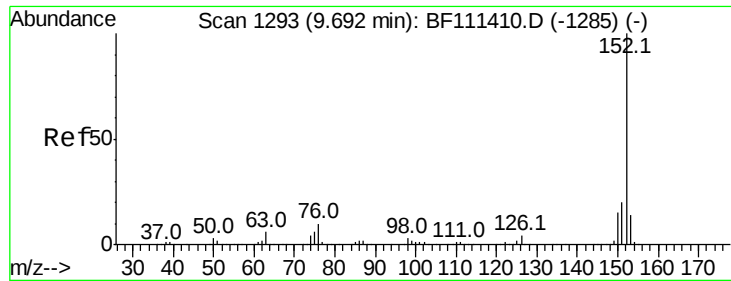
Tot Ion:	162	Resp:	80749
Ion	Ratio	Lower	Upper
162	100		
127	38.0	35.0	52.4
164	30.7	28.4	42.6



#48
 2-Nitroaniline
 Concen: 2.302 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion:	65	Resp:	23256
Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.5	80.3
138	119.7	80.9	121.3

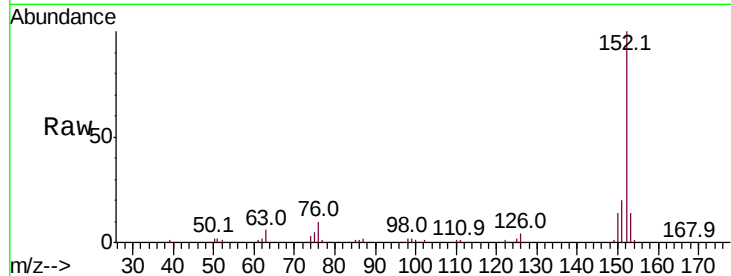




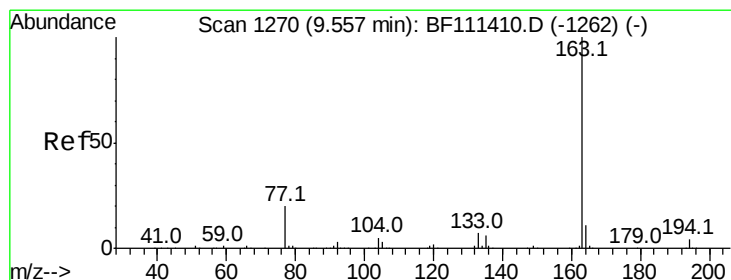
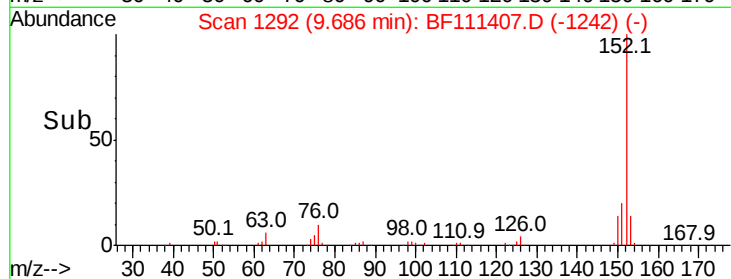
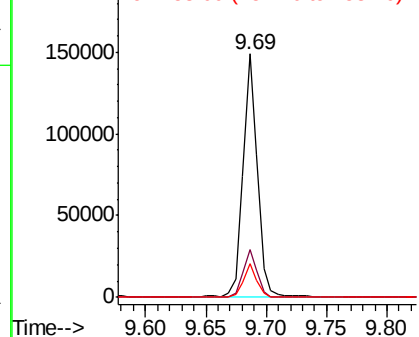
#49
Acenaphthylene
Concen: 2.755 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	18.0	27.0
153	13.9	12.3	18.5

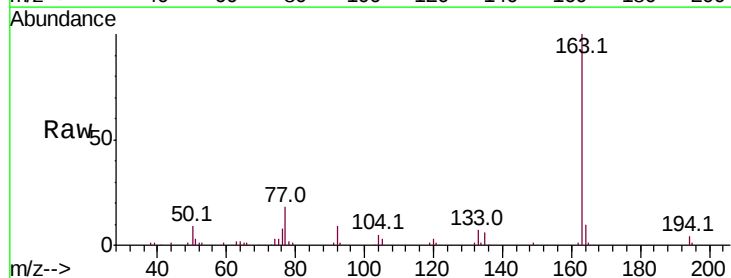


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

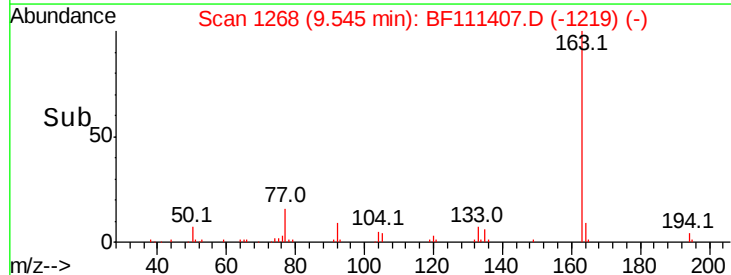
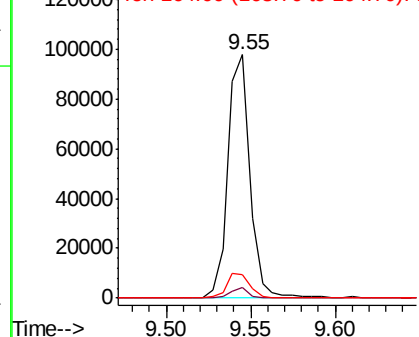


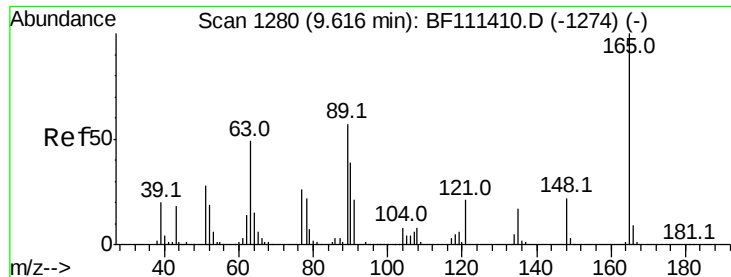
#50
Dimethylphthalate
Concen: 2.609 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.8	8.9	13.3



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: 2.372 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

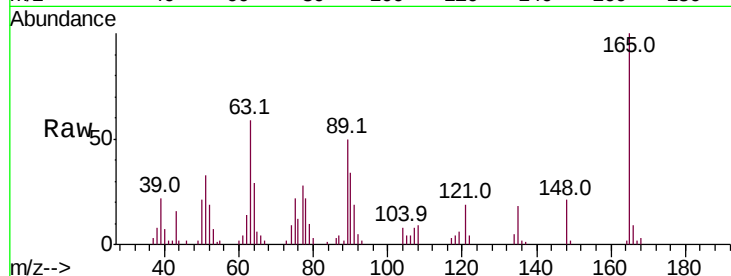
Tot Ion:165 Resp: 17989

Ion Ratio Lower Upper

165 100

63 59.4 40.5 60.7

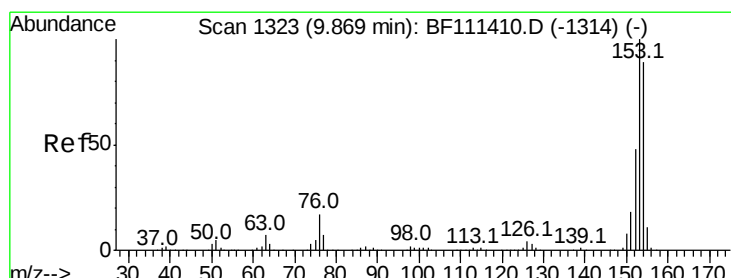
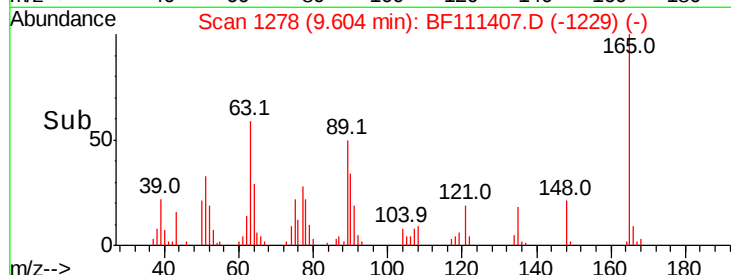
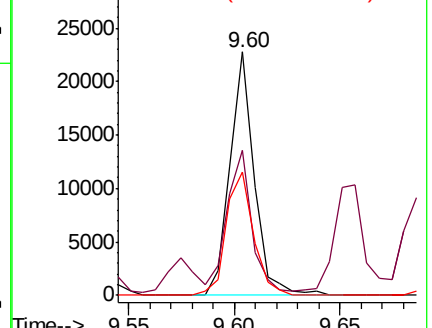
89 50.4 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 2.690 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

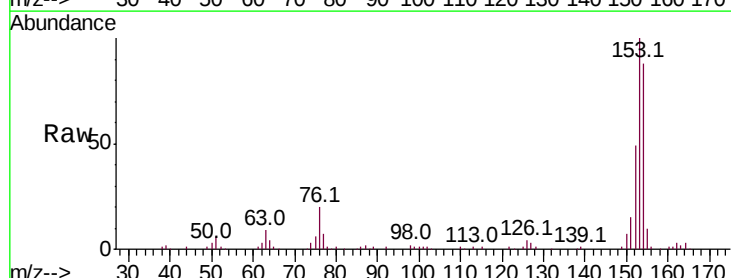
Tgt Ion:154 Resp: 77054

Ion Ratio Lower Upper

154 100

153 113.8 87.8 131.8

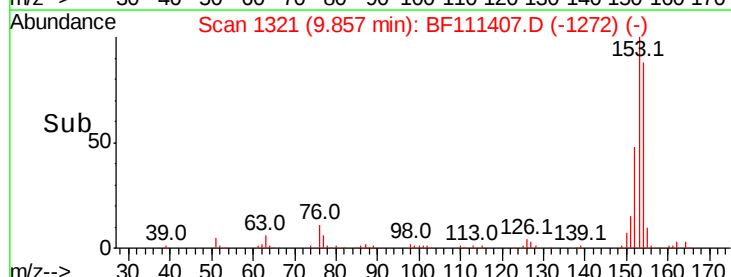
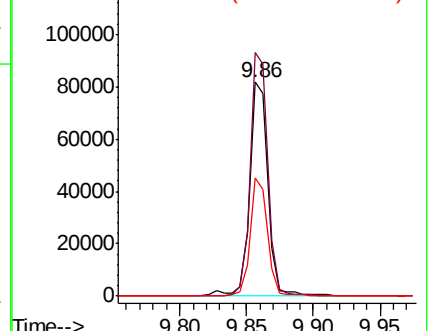
152 55.3 43.4 65.2

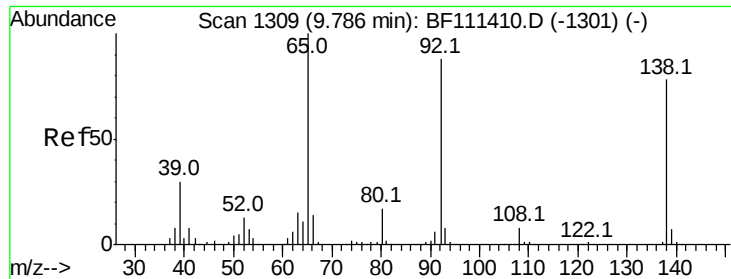


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

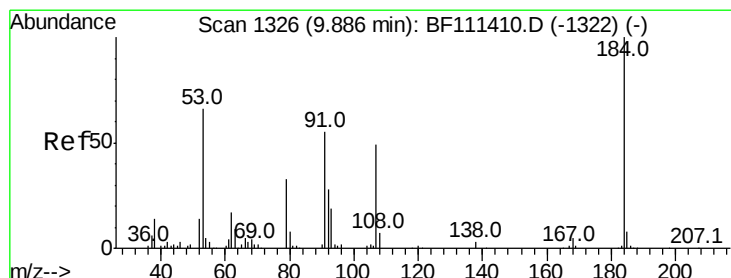
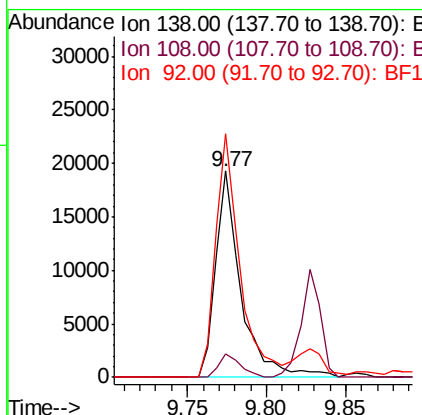
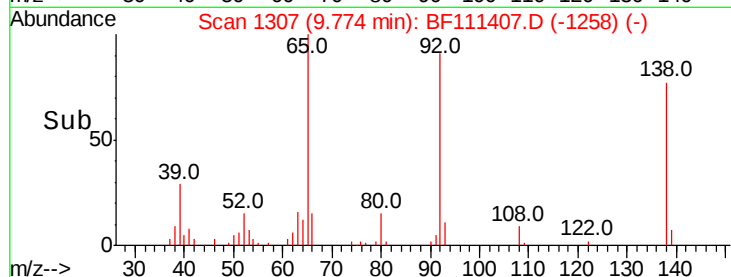
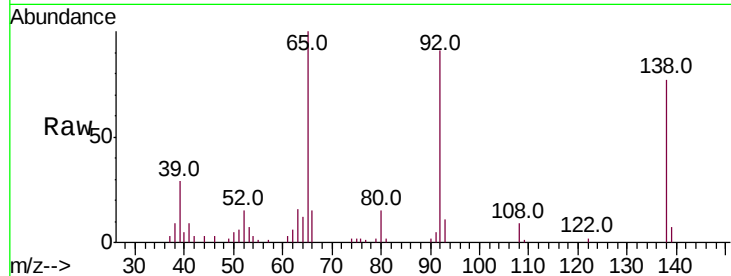




#53
 3-Nitroaniline
 Concen: 2.339 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

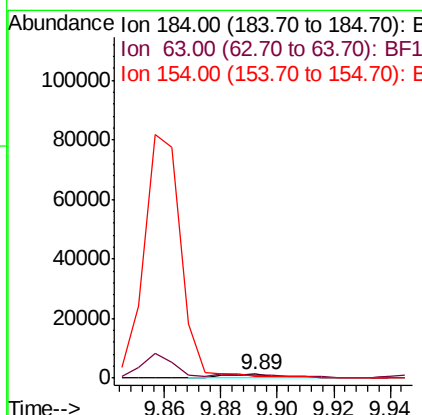
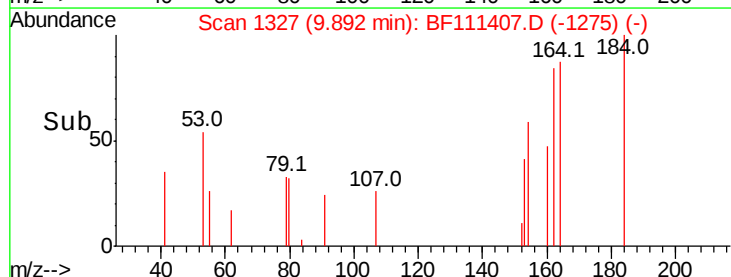
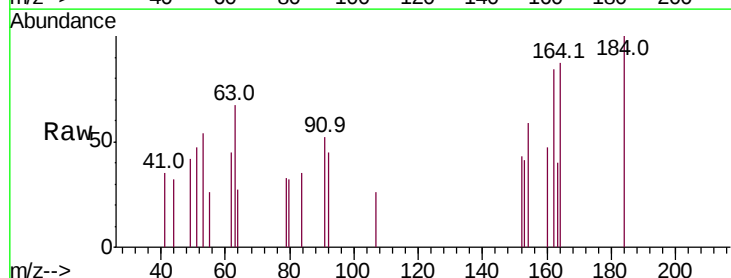
Instrument :
 BNA_F
 ClientSampleId :

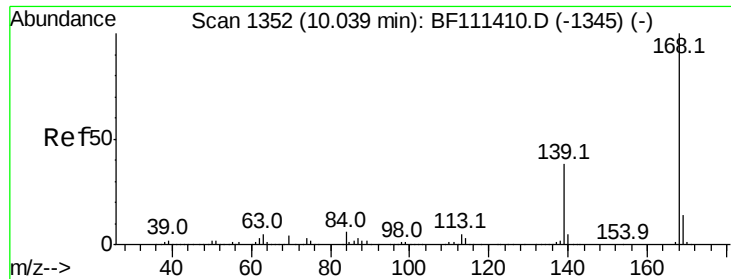
Tot Ion:138 Resp: 21319
 Ion Ratio Lower Upper
 138 100
 108 11.7 8.2 12.4
 92 118.1 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 0.575 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion:184 Resp: 1712
 Ion Ratio Lower Upper
 184 100
 63 67.3 62.3 93.5
 154 59.4 56.2 84.2

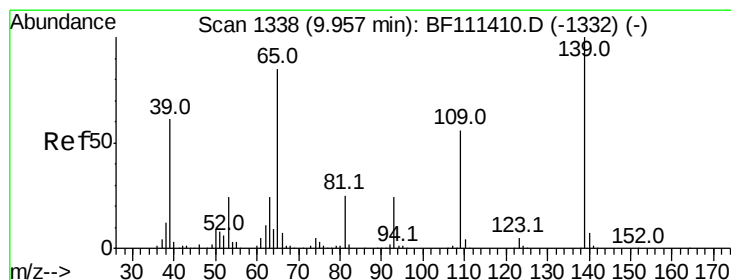
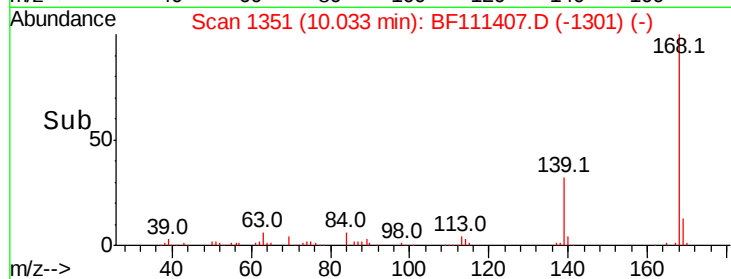
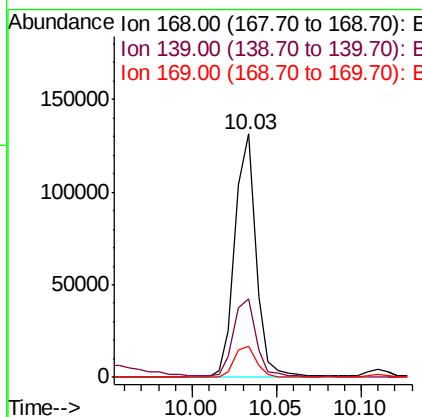
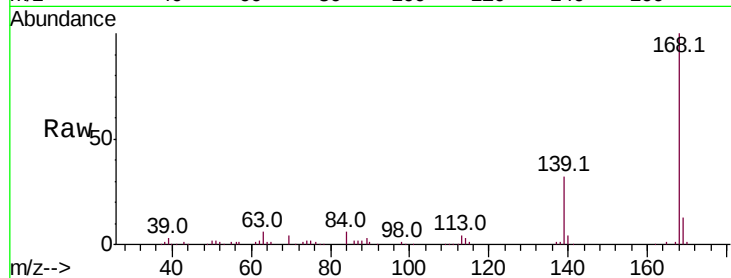




#55
Dibenzofuran
Concen: 2.809 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

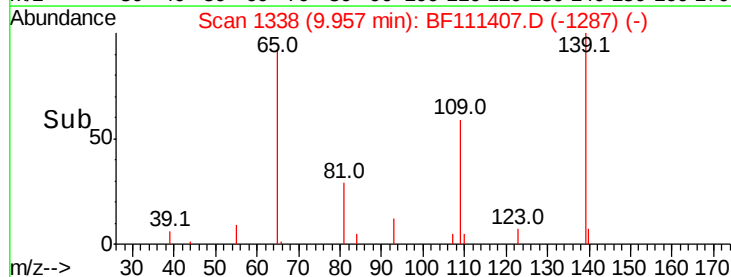
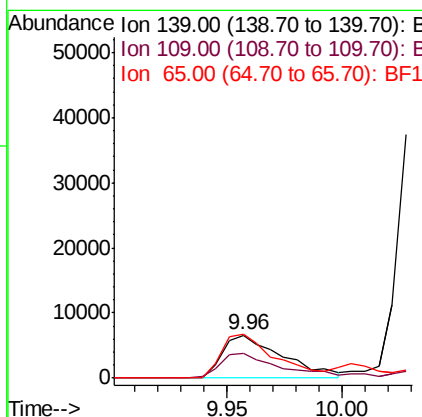
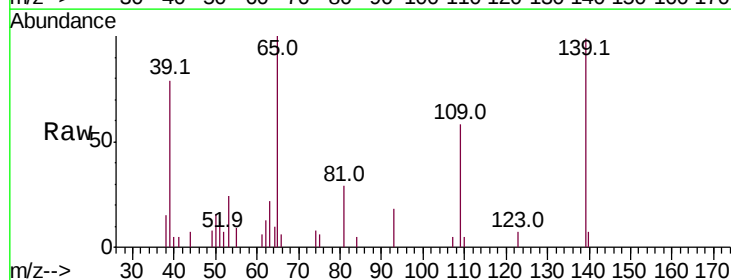
Instrument :
BNA_F
ClientSampleId :

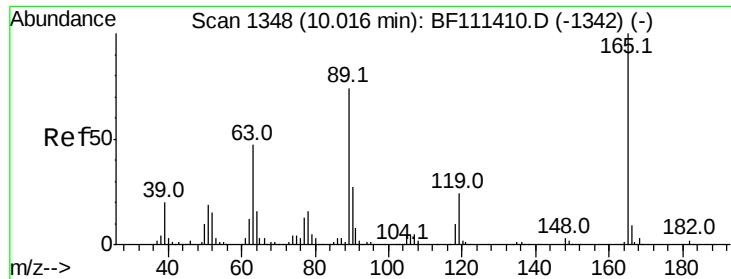
Tot Ion:168 Resp: 116137
Ion Ratio Lower Upper
168 100
139 32.3 32.6 49.0#
169 12.9 11.8 17.6



#56
4-Nitrophenol
Concen: 1.826 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:139 Resp: 11985
Ion Ratio Lower Upper
139 100
109 58.8 41.8 81.8
65 101.3 79.6 119.6

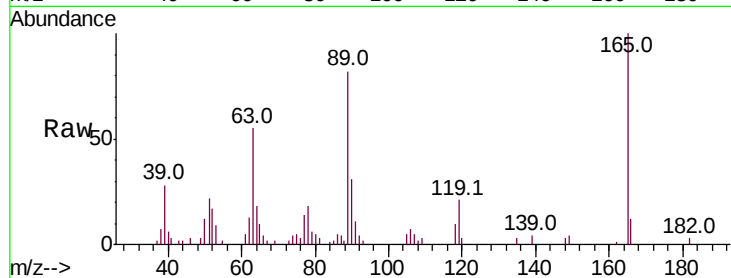




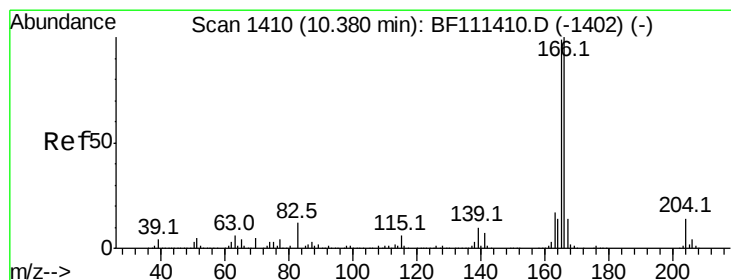
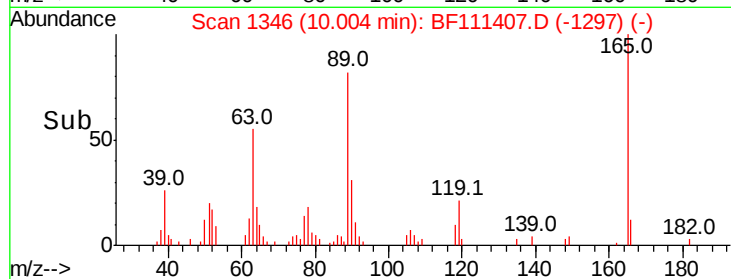
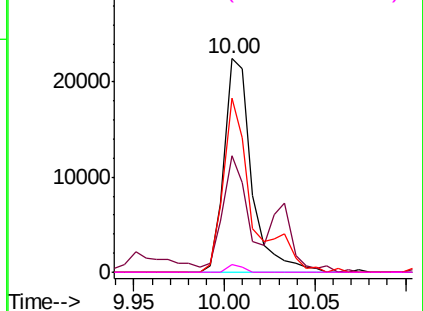
#57
2,4-Dinitrotoluene
Concen: 2.456 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 23868
Ion Ratio Lower Upper
165 100
63 54.5 34.6 52.0#
89 81.5 56.2 84.4
182 3.5 1.8 2.6#

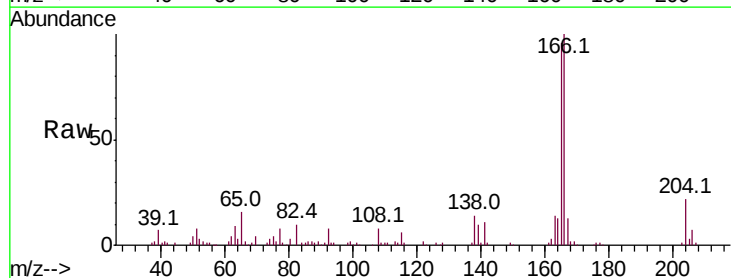


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

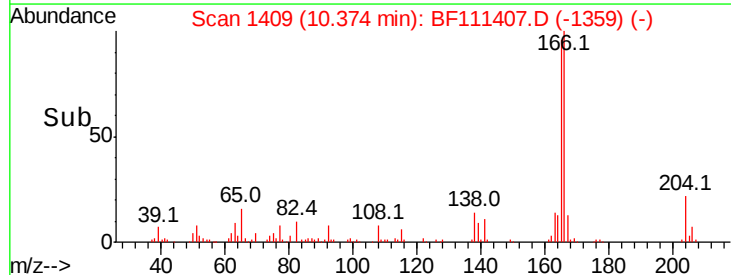
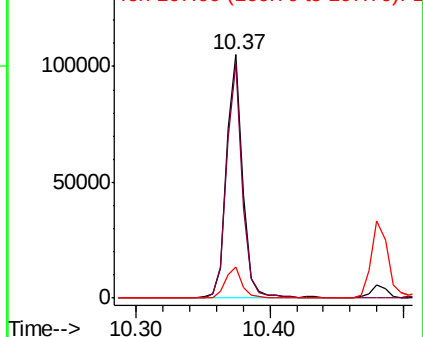


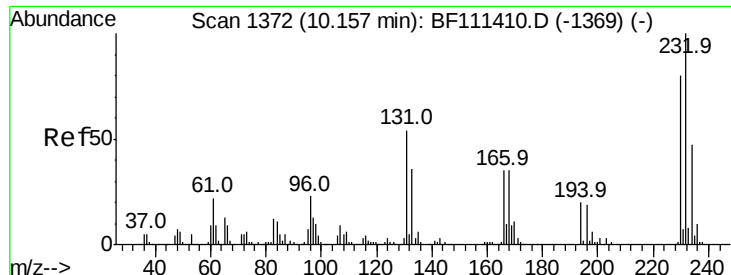
#58
Fluorene
Concen: 3.050 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:166 Resp: 90227
Ion Ratio Lower Upper
166 100
165 96.2 78.4 117.6
167 13.0 11.2 16.8



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

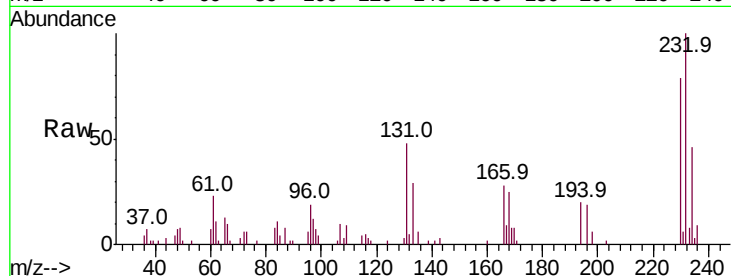




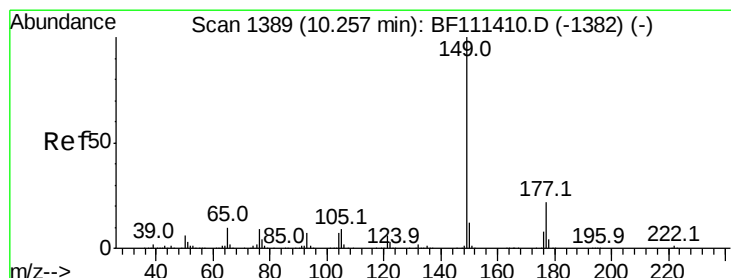
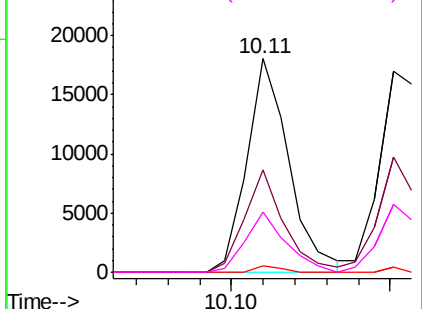
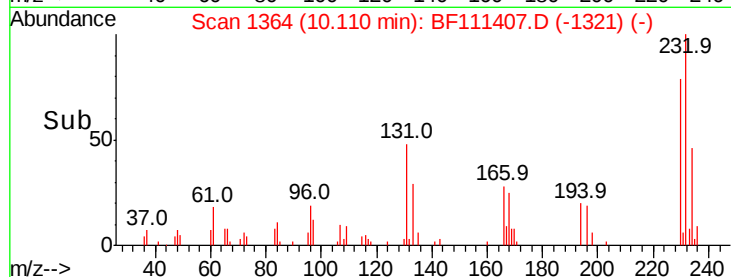
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.122 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.05 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 16581
 Ion Ratio Lower Upper
 232 100
 131 45.1 40.9 61.3
 130 2.0 2.0 3.0
 166 27.2 26.8 40.2

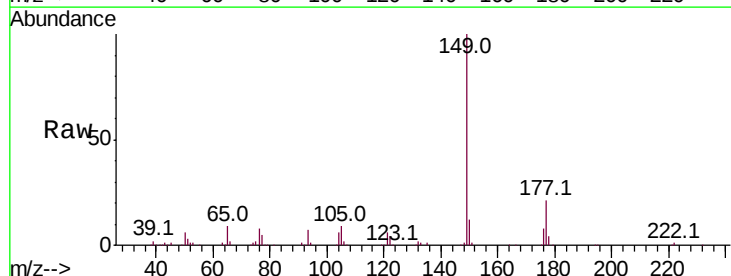


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

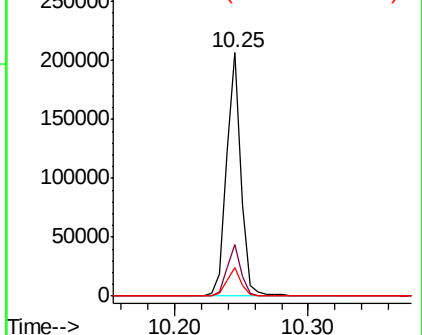
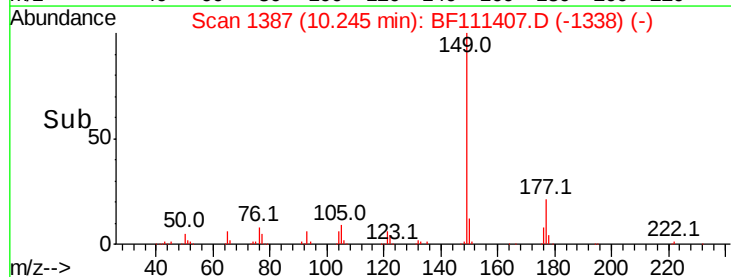


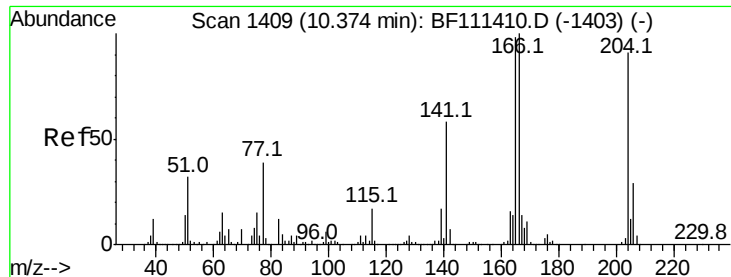
#60
 Diethylphthalate
 Concen: 4.583 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion:149 Resp: 157829
 Ion Ratio Lower Upper
 149 100
 177 21.3 18.3 27.5
 150 11.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

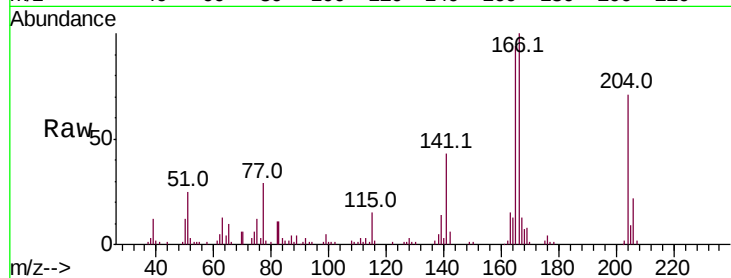




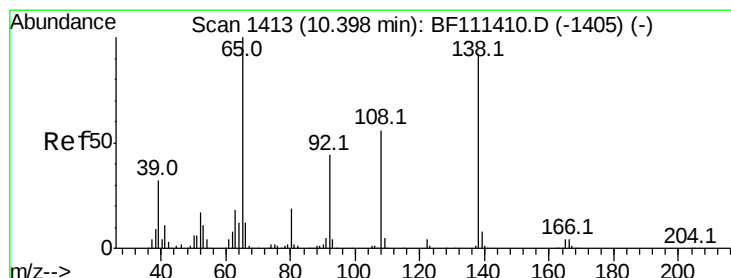
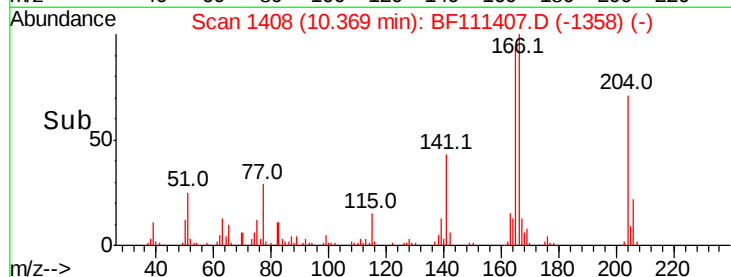
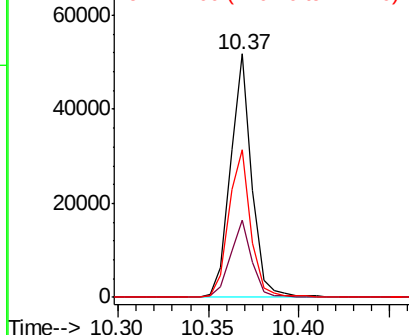
#61
4-Chlorophenyl-phenylether
Concen: 2.893 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 42418
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 60.8 52.6 78.8

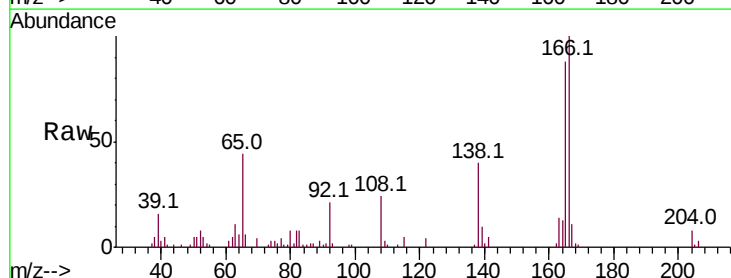


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

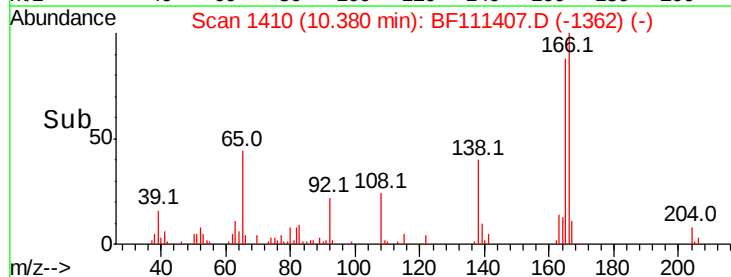
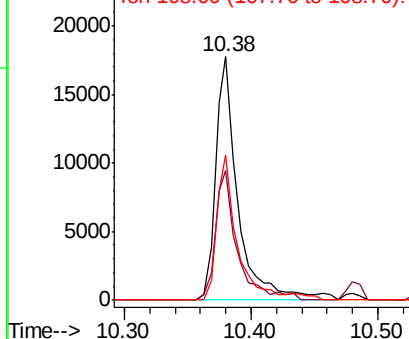


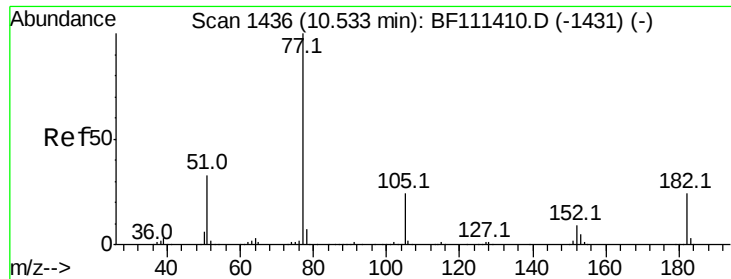
#62
4-Nitroaniline
Concen: 2.508 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:138 Resp: 21967
Ion Ratio Lower Upper
138 100
92 53.2 29.9 69.9
108 59.3 43.2 83.2



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





#63

Azobenzene

Concen: 2.650 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 92008

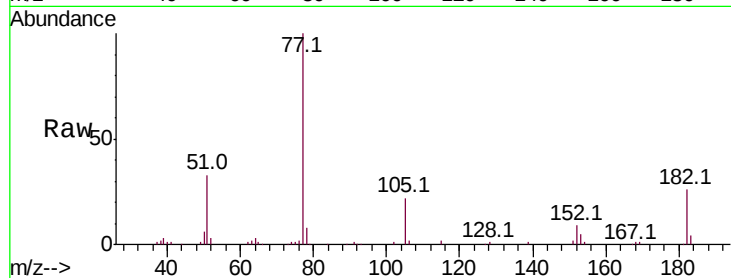
Ion Ratio Lower Upper

77 100

182 25.9 4.9 44.9

105 22.3 6.0 46.0

51 33.3 14.7 54.7

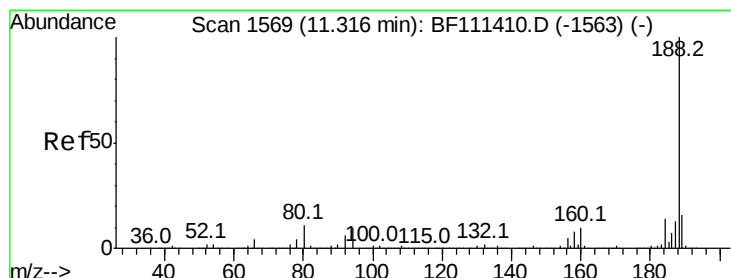
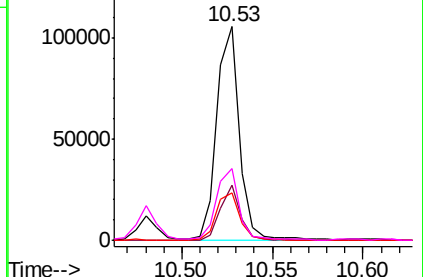
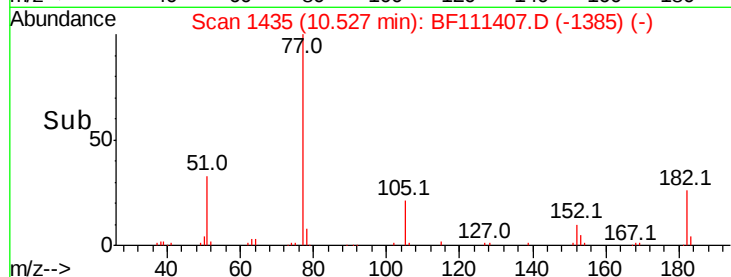


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

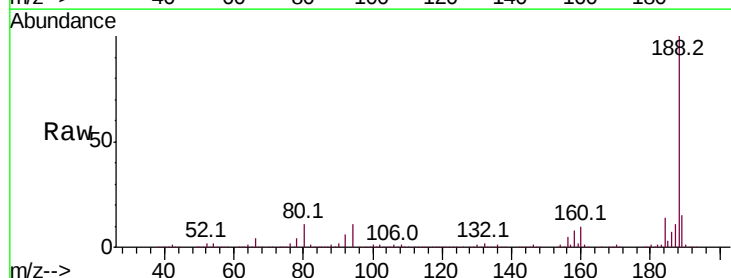
Tgt Ion: 188 Resp: 882799

Ion Ratio Lower Upper

188 100

94 10.6 9.6 14.4

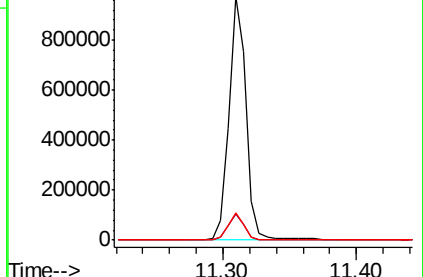
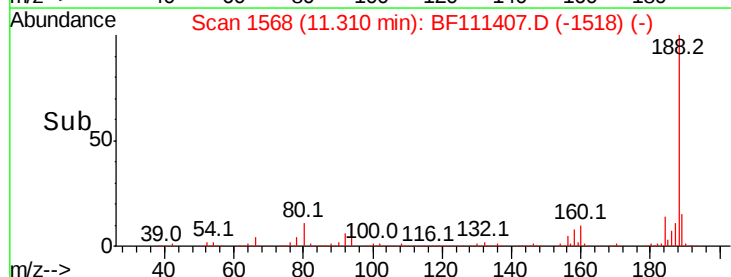
80 11.2 9.8 14.6

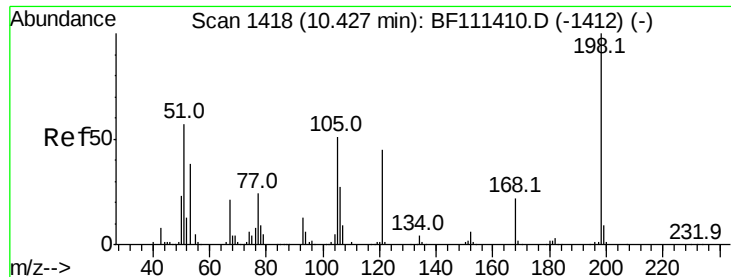


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

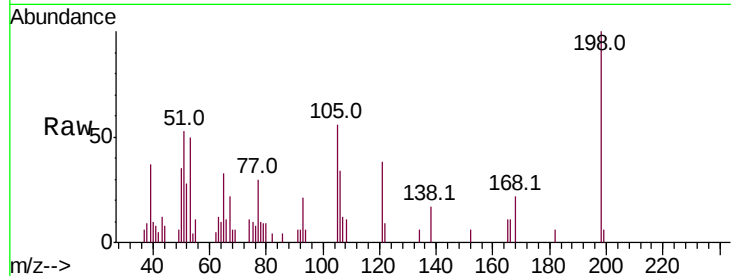




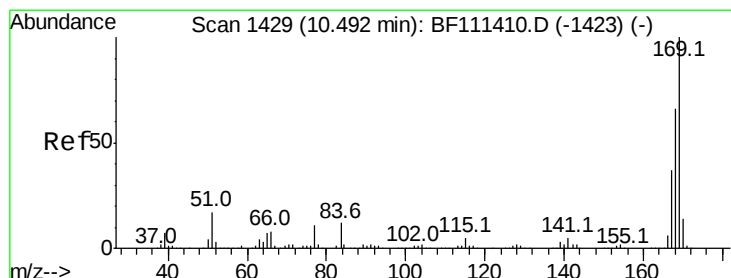
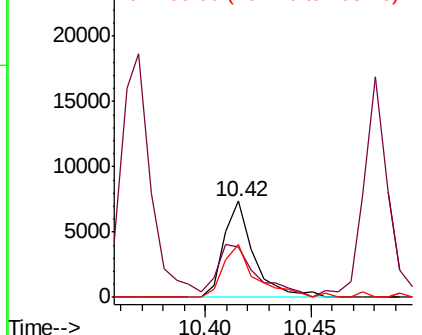
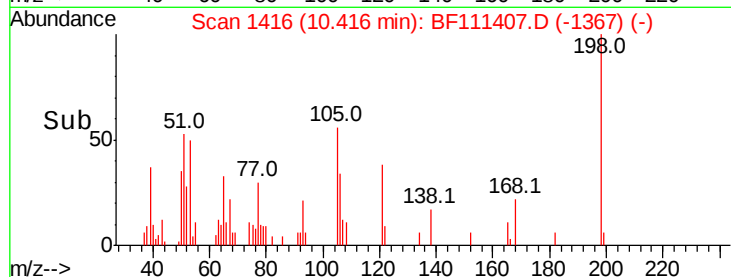
#65
4,6-Dinitro-2-methylphenol
Concen: 1.421 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 7203
Ion Ratio Lower Upper
198 100
51 52.7 48.0 88.0
105 55.6 34.0 74.0

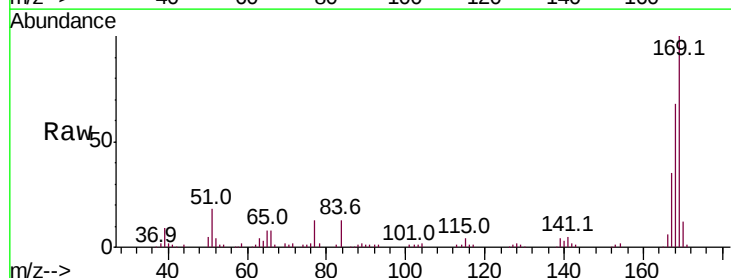


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

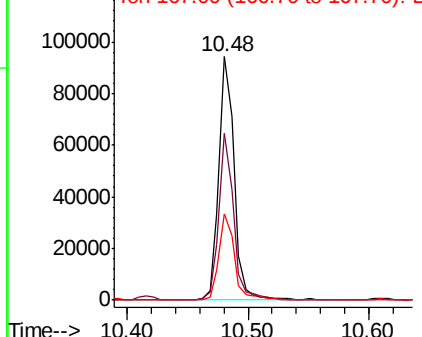
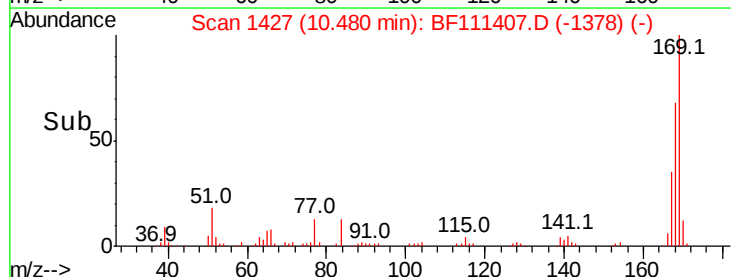


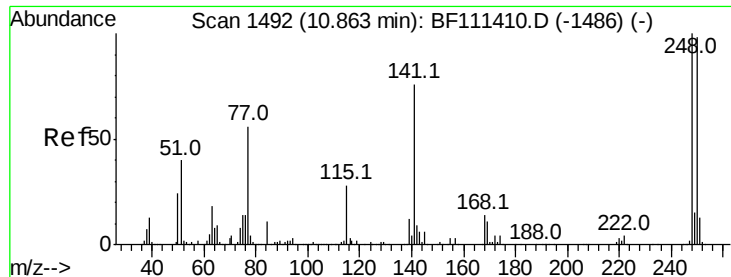
#66
n-Nitrosodiphenylamine
Concen: 2.617 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:169 Resp: 82191
Ion Ratio Lower Upper
169 100
168 68.5 54.4 81.6
167 35.2 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

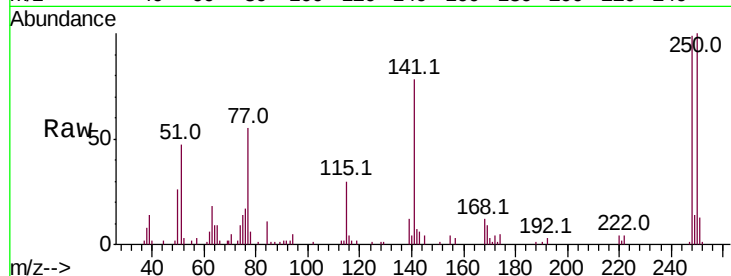




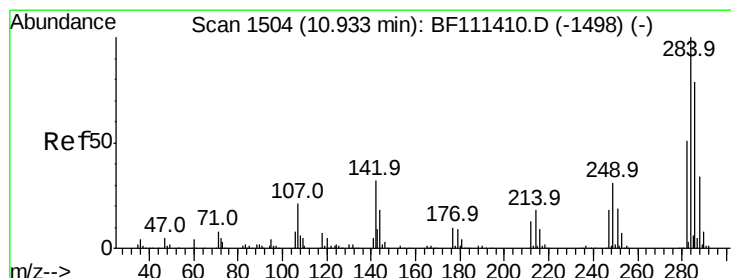
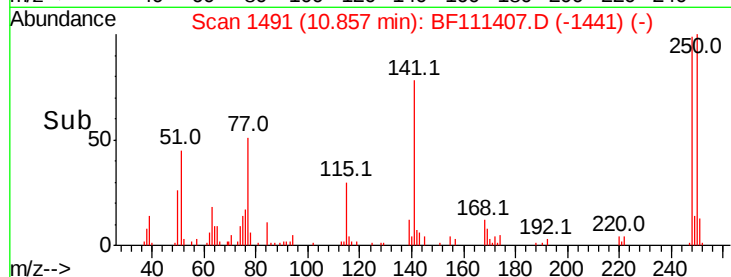
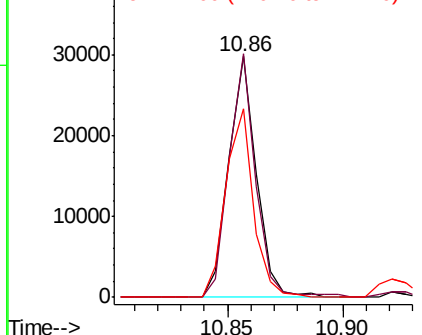
#67
4-Bromophenyl-phenylether
Concen: 2.535 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24909
Ion Ratio Lower Upper
248 100
250 101.1 77.0 115.4
141 78.5 63.0 94.6

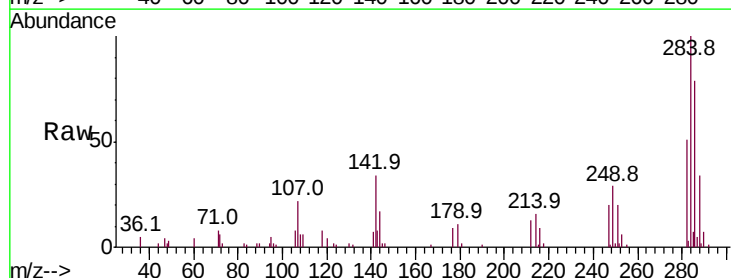


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

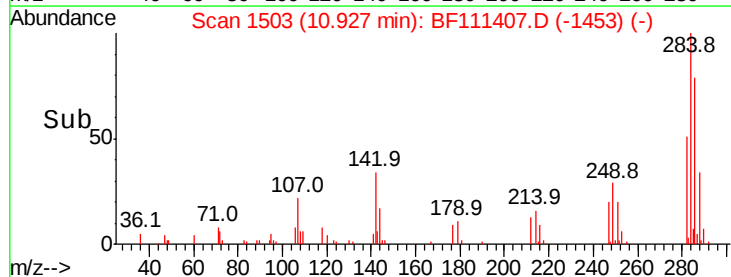
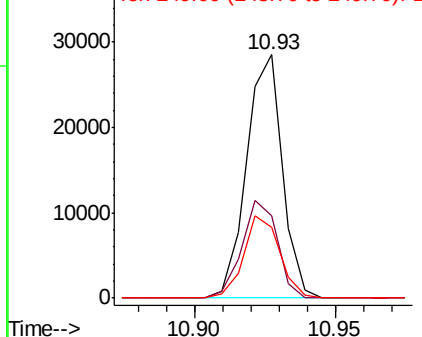


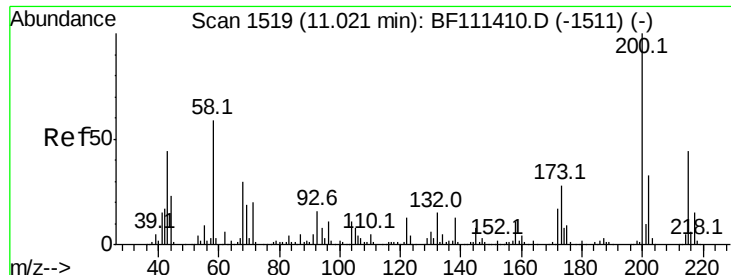
#68
Hexachlorobenzene
Concen: 2.476 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:284 Resp: 25055
Ion Ratio Lower Upper
284 100
142 34.0 27.4 41.2
249 28.9 24.4 36.6



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

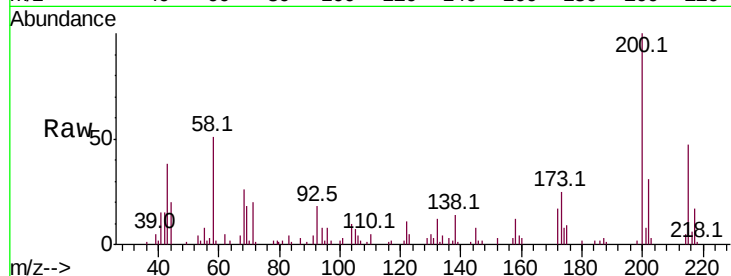




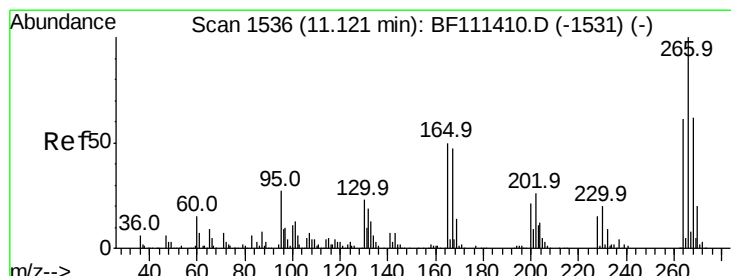
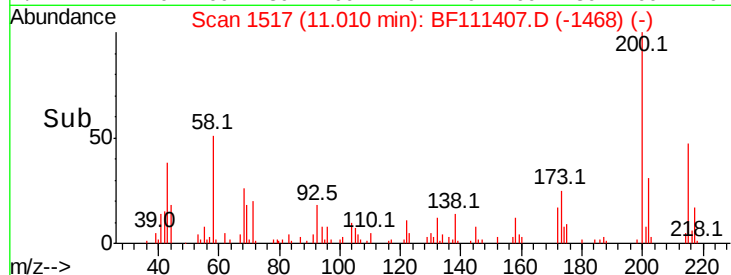
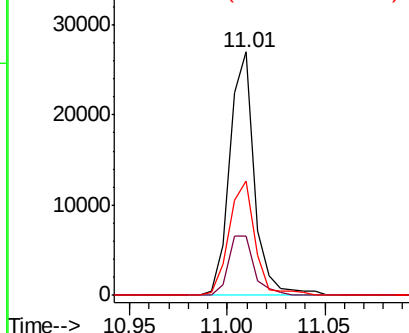
#69
Atrazine
Concen: 2.611 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	10.1	50.1
215	47.1	26.9	66.9

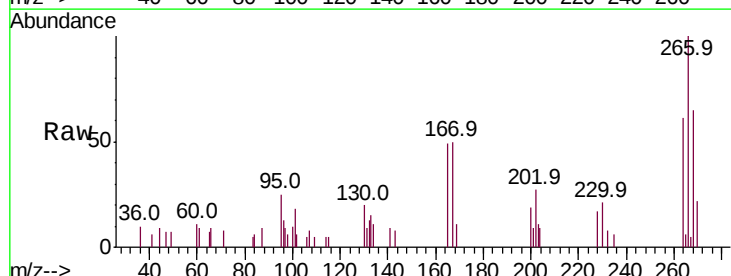


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

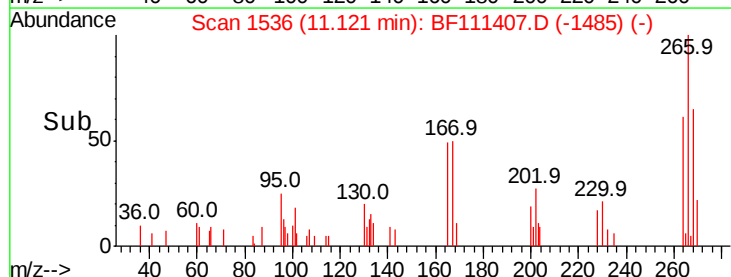
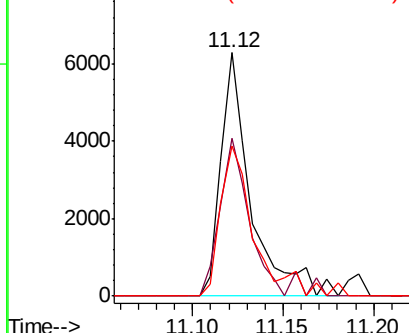


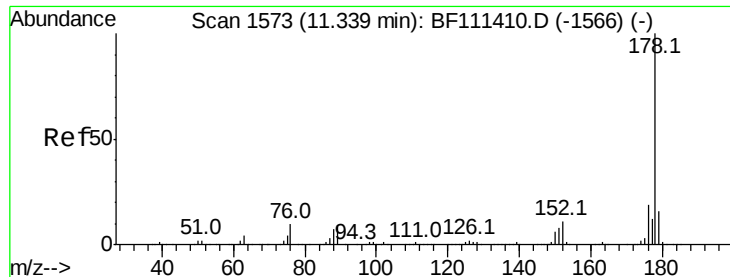
#70
Pentachlorophenol
Concen: 1.073 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	47.9	71.9
264	61.5	49.1	73.7



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

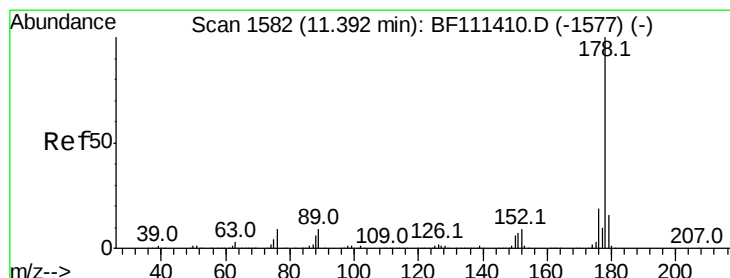
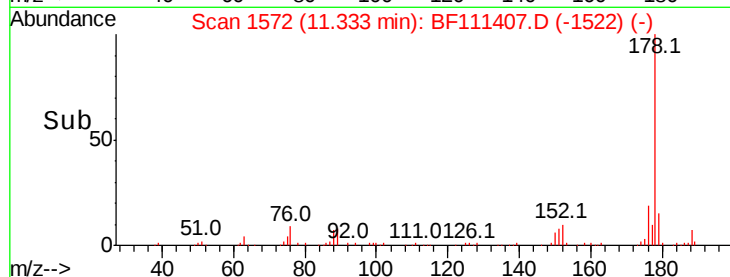
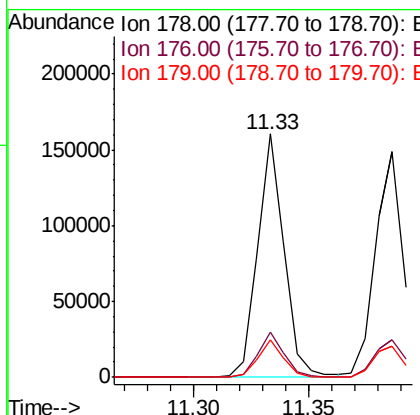
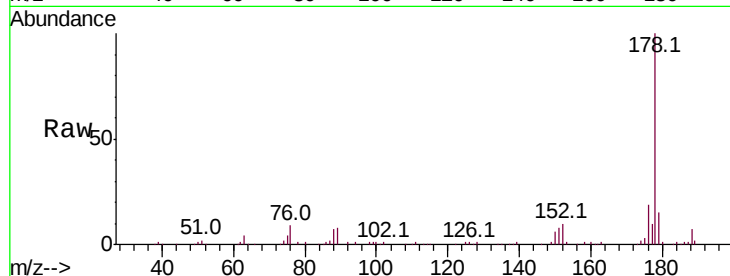




#71
Phenanthrene
Concen: 2.811 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

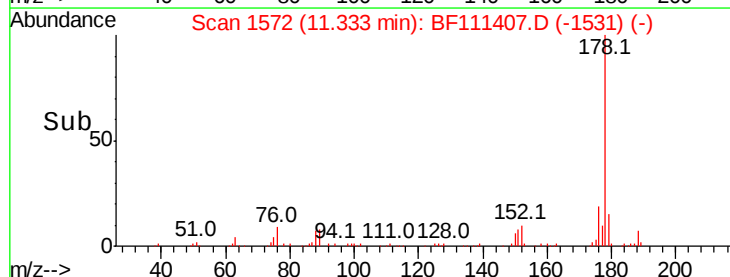
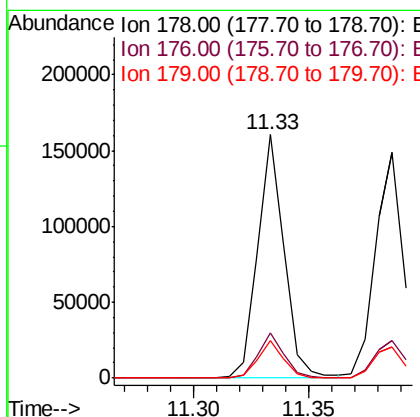
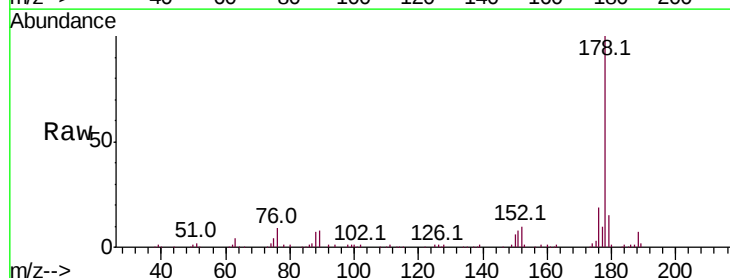
Instrument :
BNA_F
ClientSampleId :

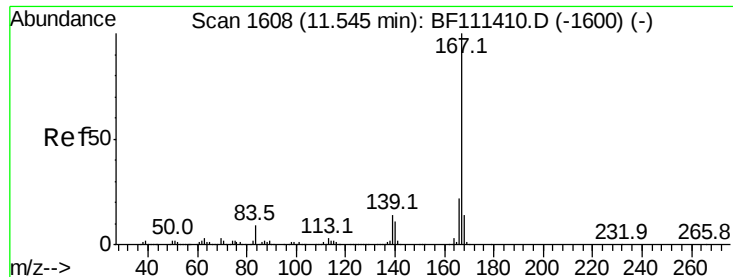
Tot Ion:178 Resp: 128244
Ion Ratio Lower Upper
178 100
176 18.7 18.1 27.1
179 15.4 14.0 21.0



#72
Anthracene
Concen: 2.760 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.06 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:178 Resp: 128244
Ion Ratio Lower Upper
178 100
176 18.7 17.2 25.8
179 15.4 13.8 20.8

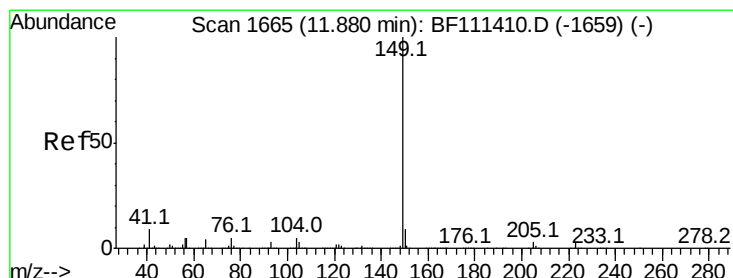
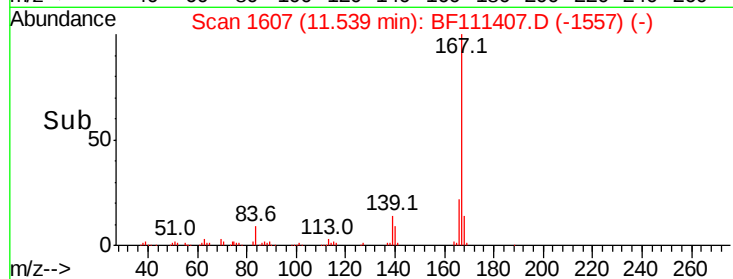
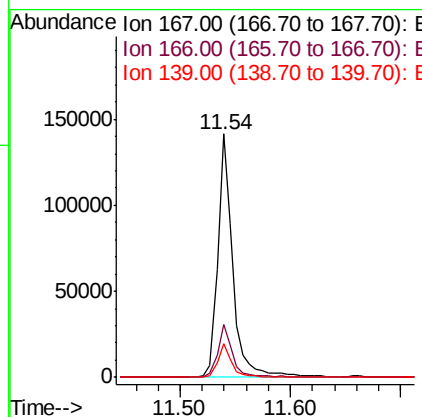
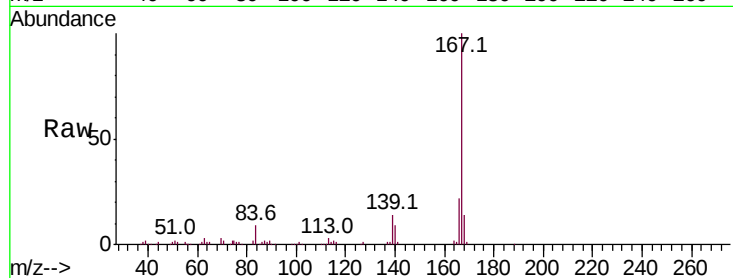




#73
 Carbazole
 Concen: 2.764 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

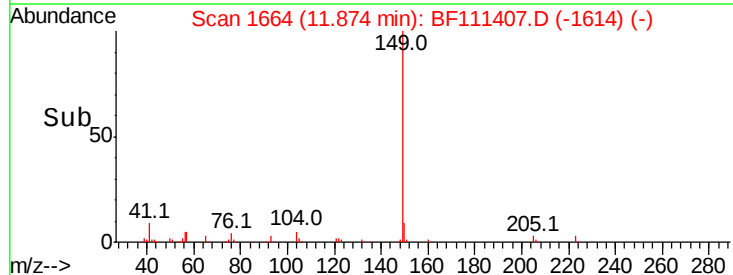
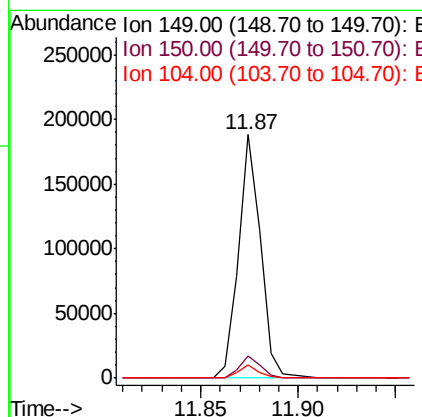
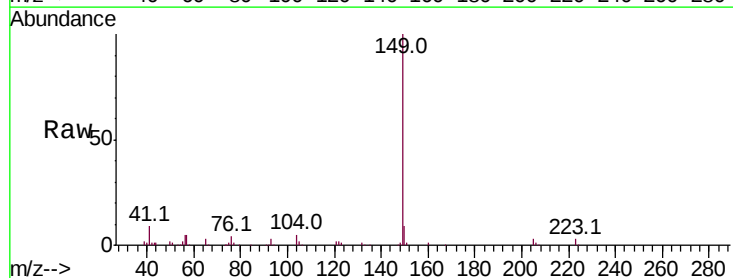
Instrument :
 BNA_F
 ClientSampleId :

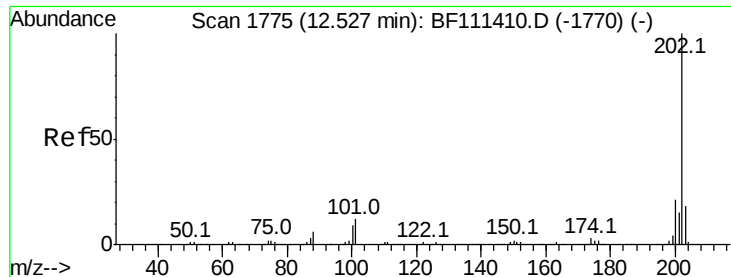
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	13.8	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 2.707 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.8	13.2
104	5.2	4.5	6.7

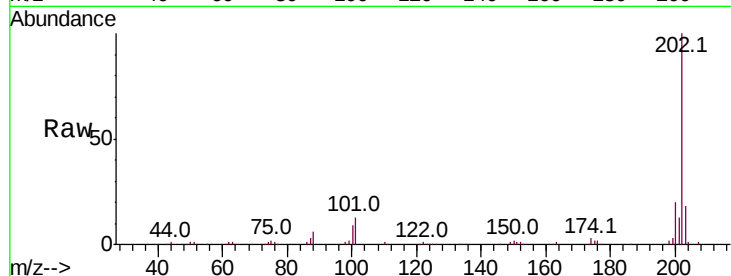




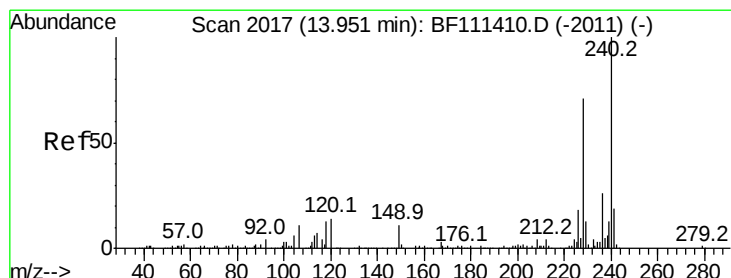
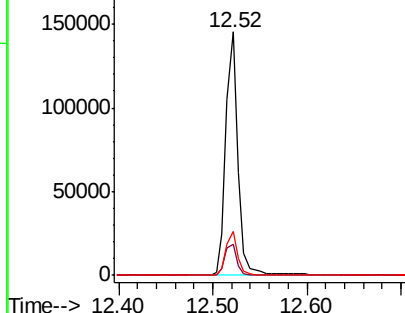
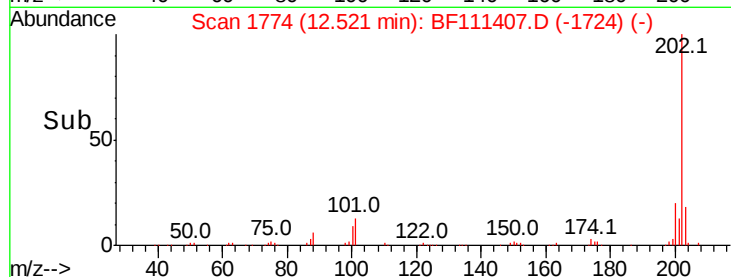
#75
 Fluoranthene
 Concen: 2.932 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	130598		
101	12.9	0.0	33.8	
203	17.8	0.0	38.6	

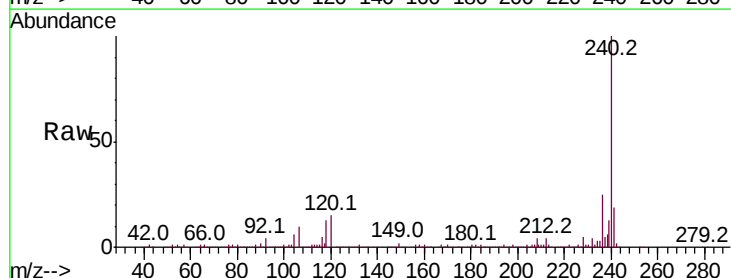


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

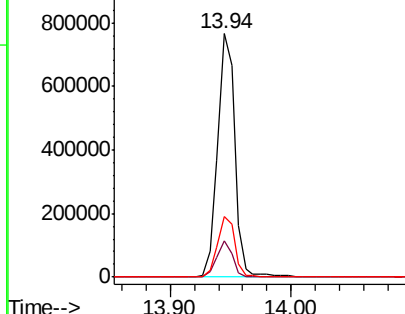
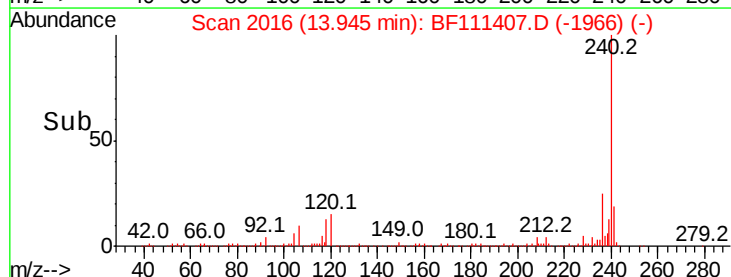


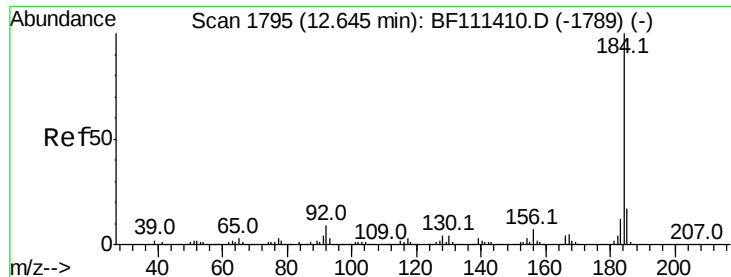
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	753217		
120	14.7	12.2	18.2	
236	25.0	20.2	30.2	



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: 5.295 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

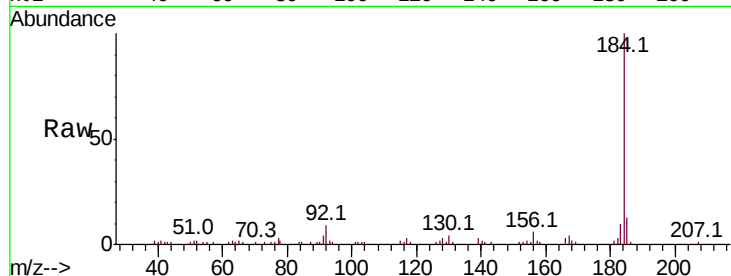
Tot Ion:184 Resp: 75261

Ion	Ratio	Lower	Upper
184	100		
185	12.7	13.0	19.6#
183	9.7	9.3	13.9

184 100

185 12.7 13.0 19.6#

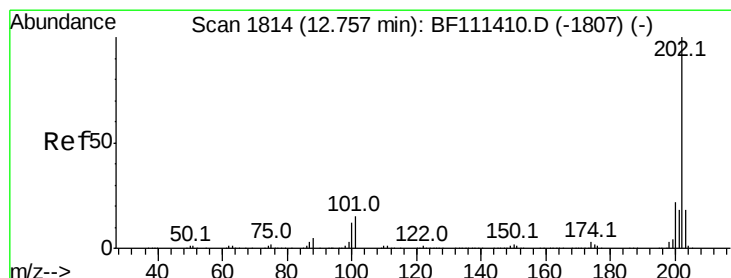
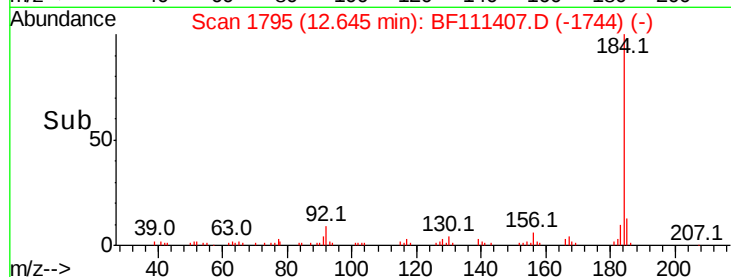
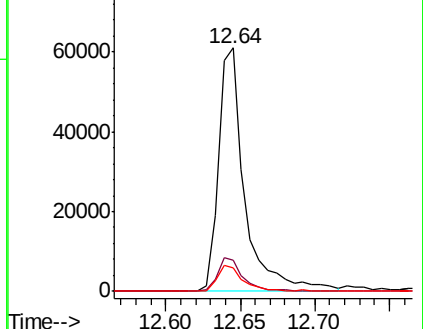
183 9.7 9.3 13.9



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: 2.360 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

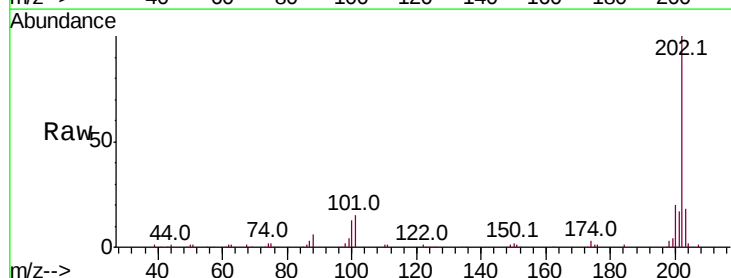
Tgt Ion:202 Resp: 137216

Ion	Ratio	Lower	Upper
202	100		
200	19.9	19.0	28.4
203	17.9	15.2	22.8

202 100

200 19.9 19.0 28.4

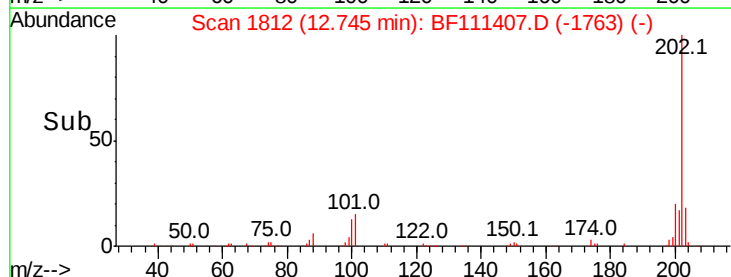
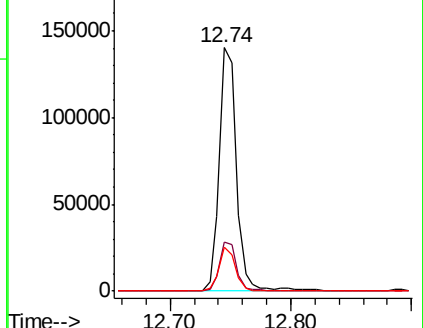
203 17.9 15.2 22.8

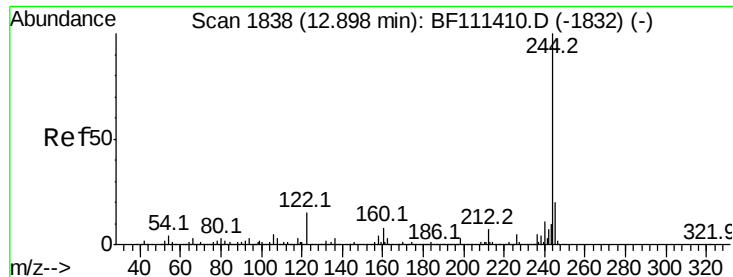


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 5.243 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

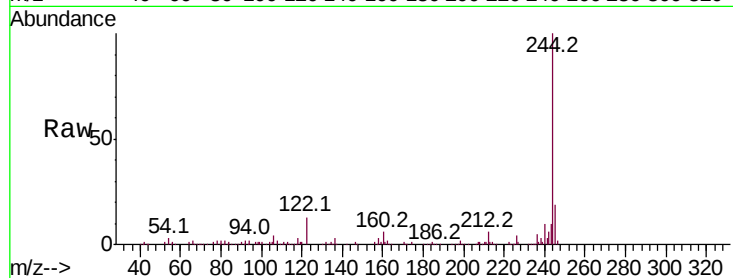
Tot Ion:244 Resp: 179424

Ion Ratio Lower Upper

244 100

212 5.7 5.7 8.5

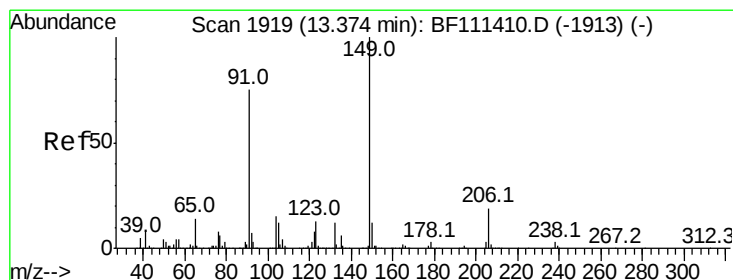
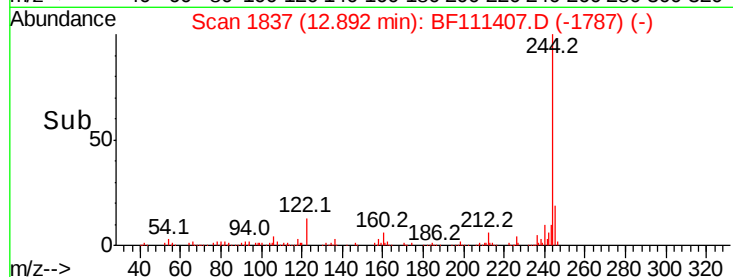
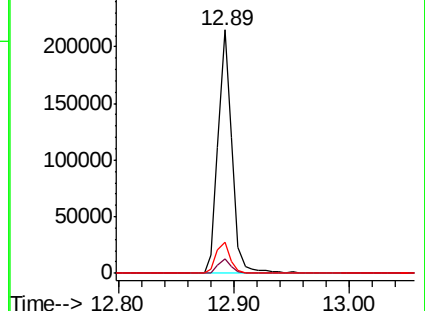
122 12.7 13.1 19.7#



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: 2.193 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

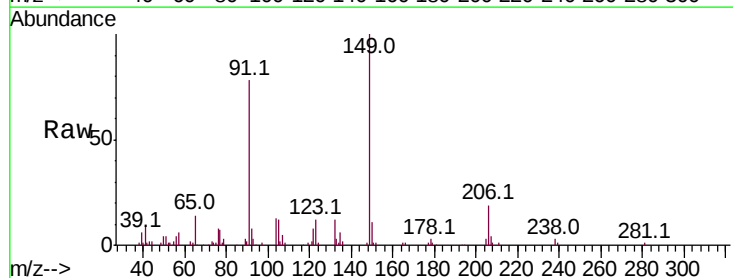
Tgt Ion:149 Resp: 61199

Ion Ratio Lower Upper

149 100

91 78.0 63.8 95.6

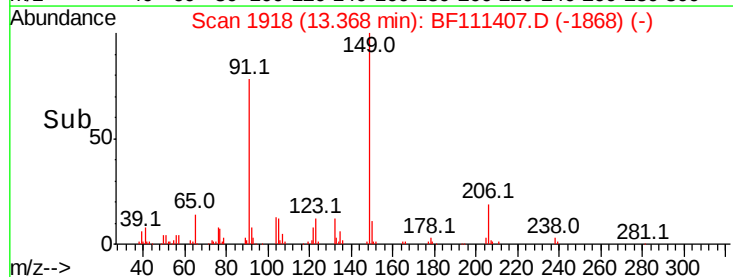
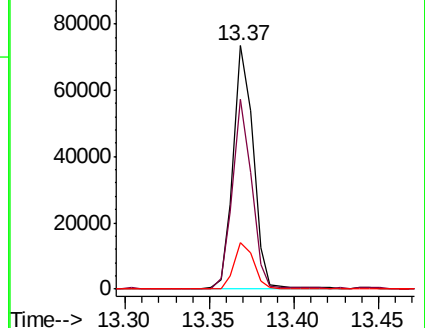
206 19.3 15.1 22.7

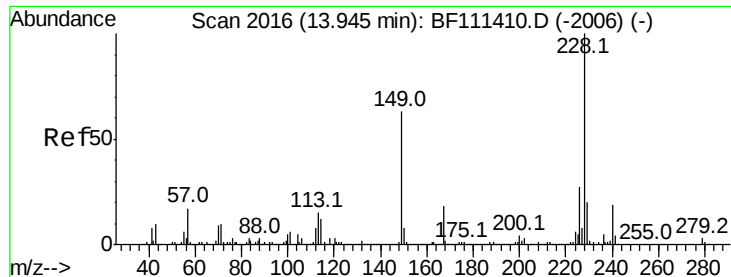


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.722 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

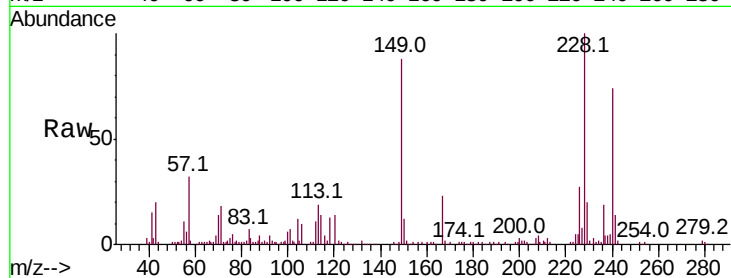
Tot Ion:228 Resp: 114706

Ion Ratio Lower Upper

228 100

226 26.7 22.6 34.0

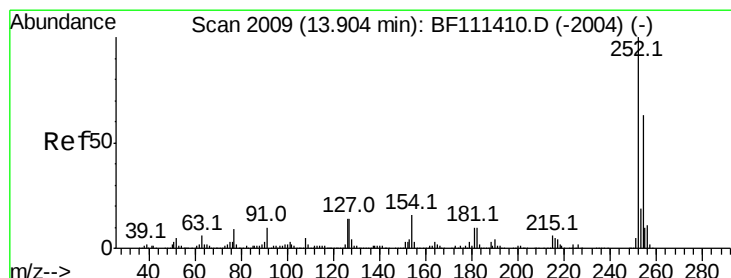
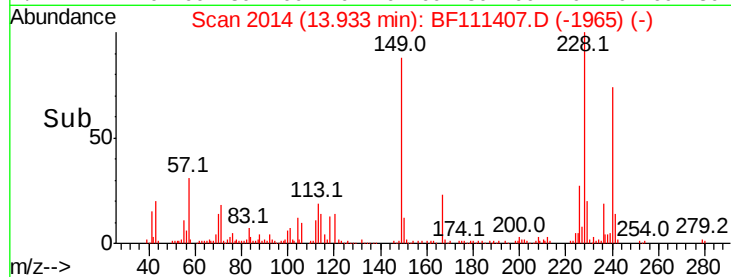
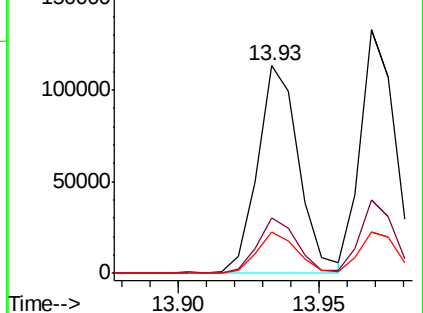
229 20.1 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 2.811 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

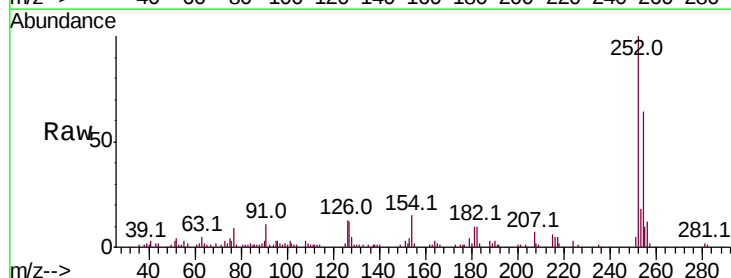
Tgt Ion:252 Resp: 44797

Ion Ratio Lower Upper

252 100

254 64.4 52.7 79.1

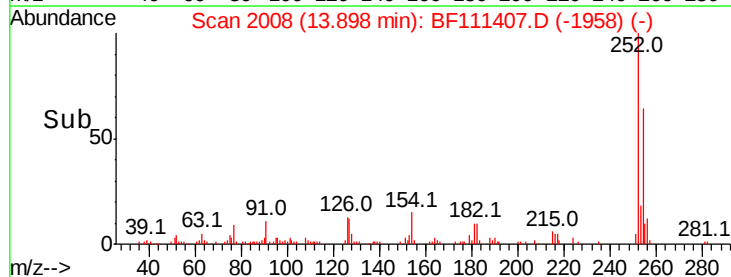
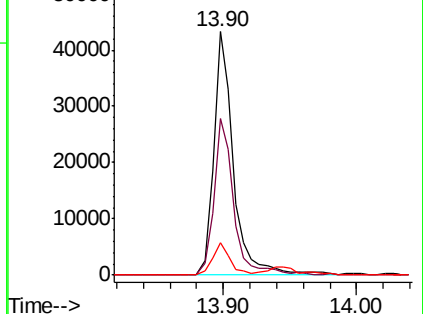
126 13.3 11.1 16.7

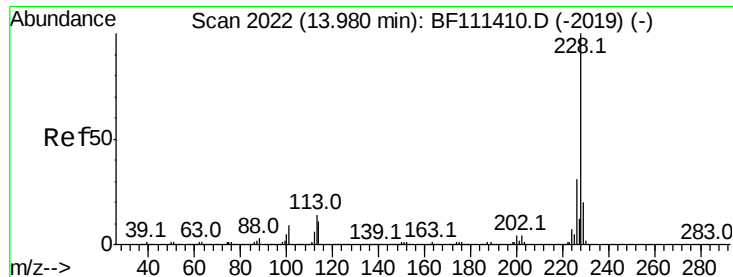


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

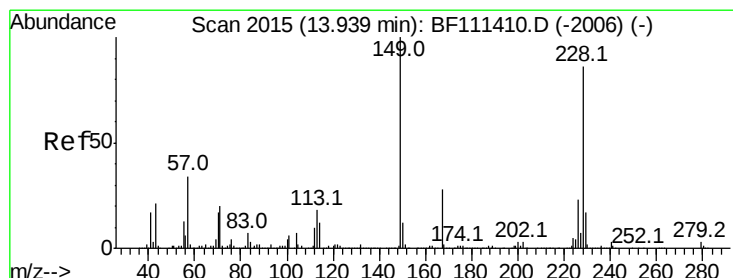
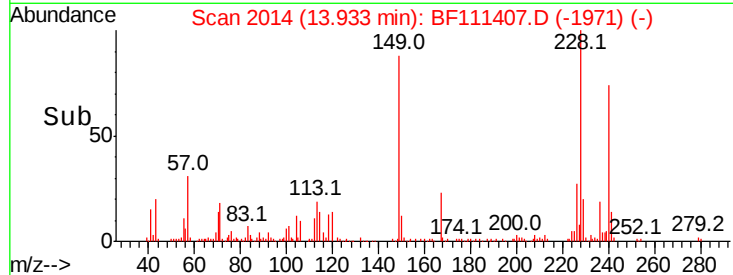
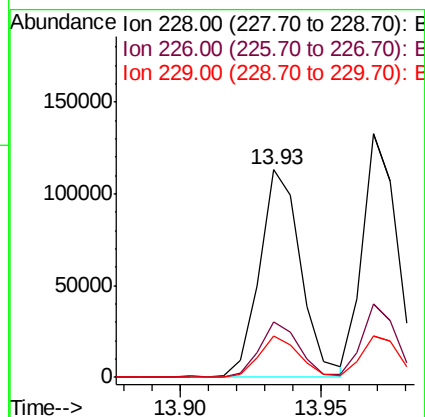
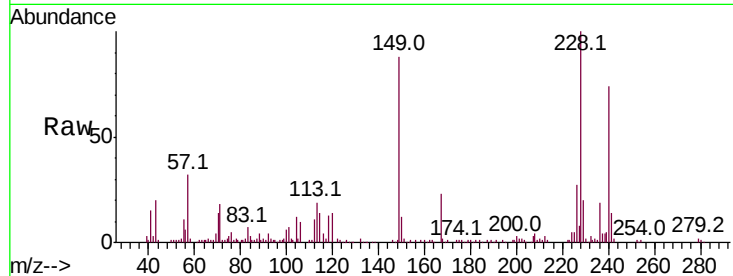




#83
 Chrysene
 Concen: 2.668 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.05 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

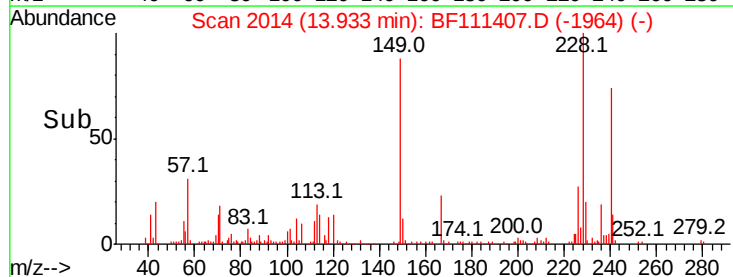
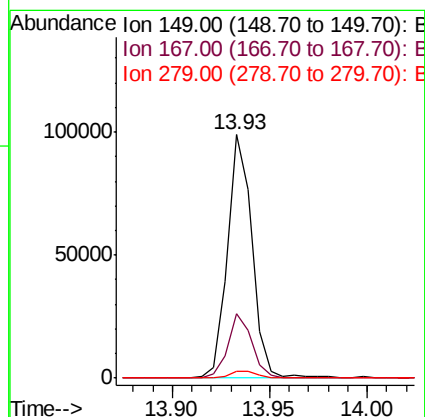
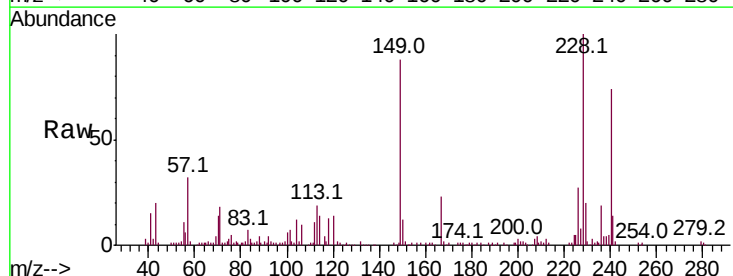
Instrument :
 BNA_F
 ClientSampleId :

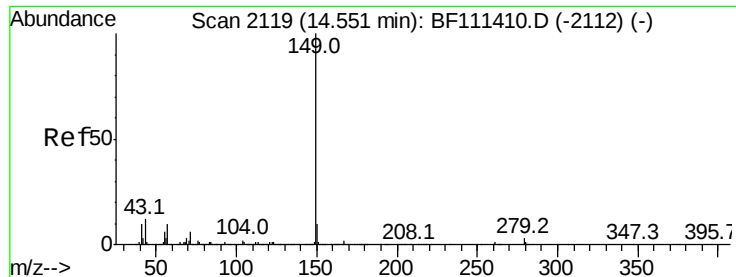
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	25.3	37.9
229	20.1	17.2	25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.539 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111407.D
 Acq: 14 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.5	33.7
279	2.7	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 2.530 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

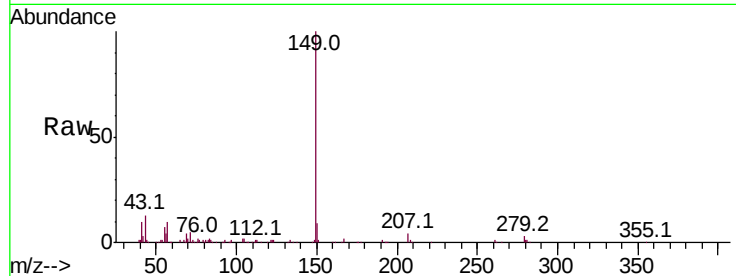
Tot Ion:149 Resp: 141753

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

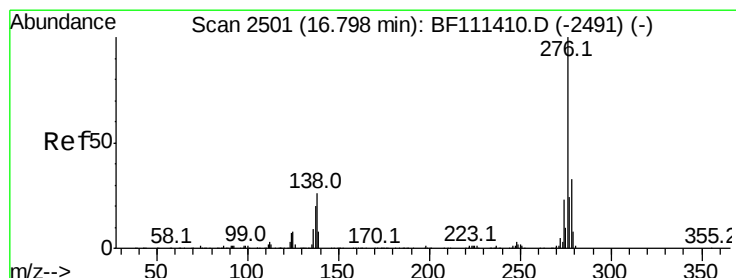
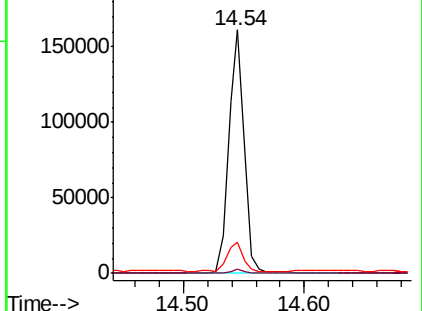
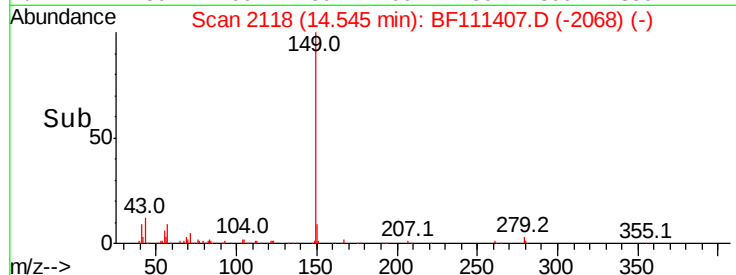
43 13.1 10.9 16.3



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: 2.657 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

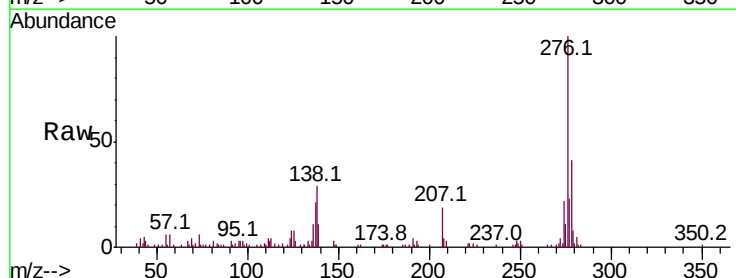
Tgt Ion:276 Resp: 89348

Ion Ratio Lower Upper

276 100

138 33.2 27.8 41.6

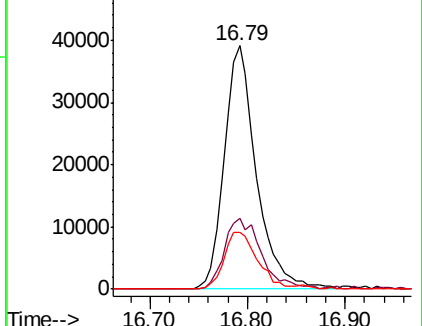
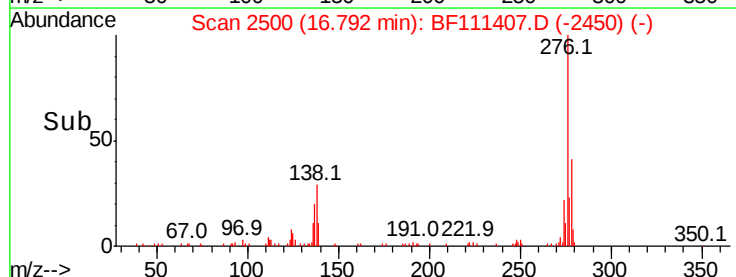
277 24.4 20.1 30.1

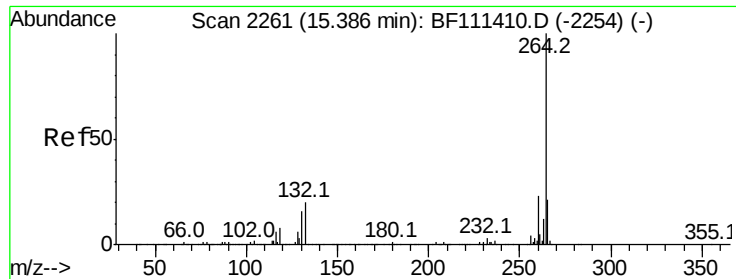


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



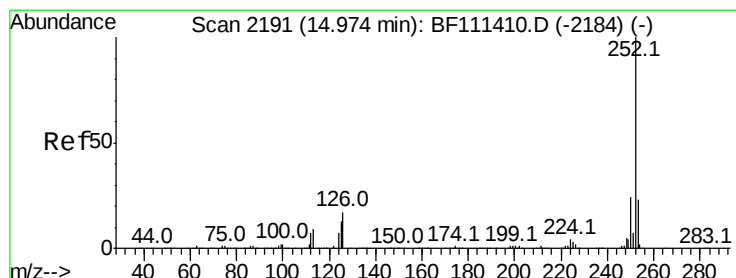
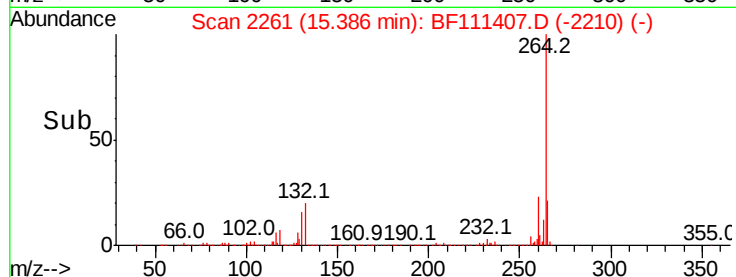
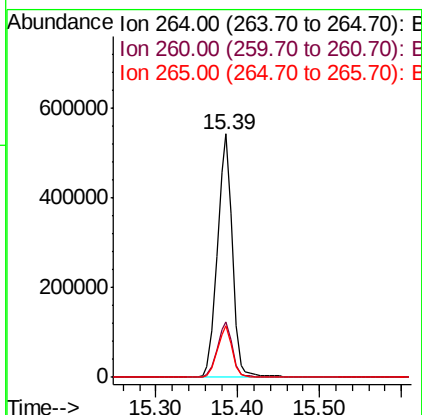
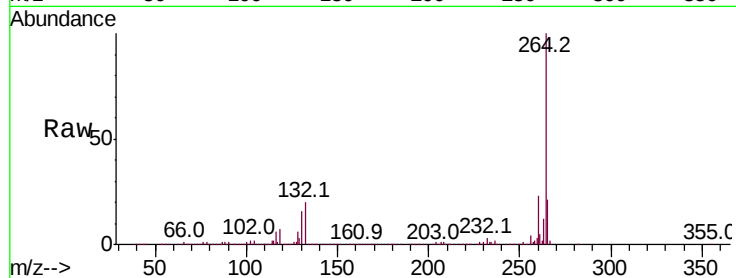


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 695603

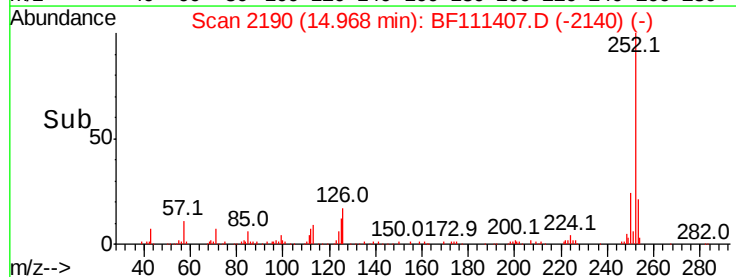
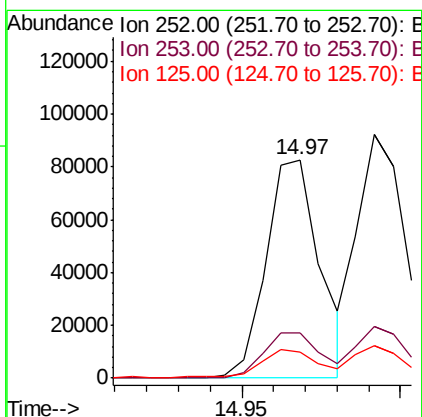
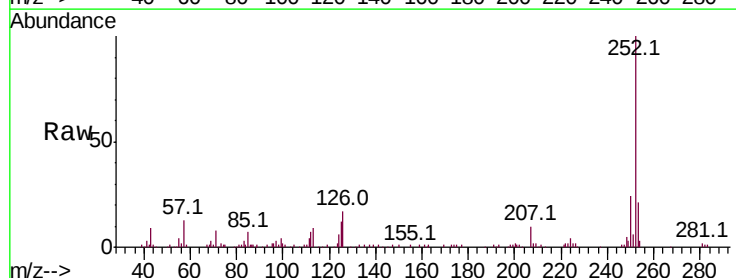
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.5	17.7	26.5

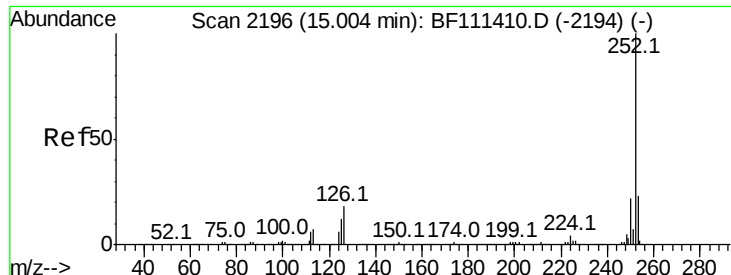


#88
Benzo(b)fluoranthene
Concen: 2.474 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:252 Resp: 97858

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.2
125	12.1	10.4	15.6

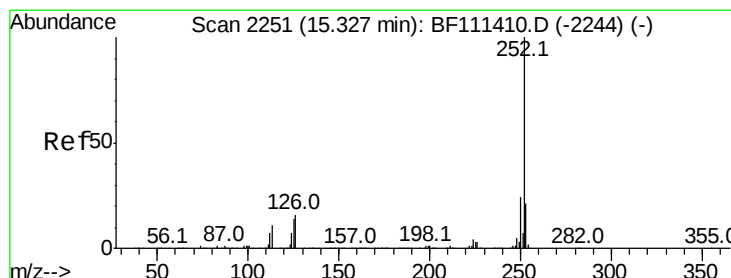
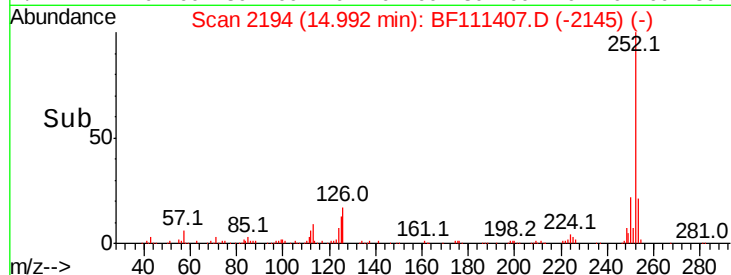
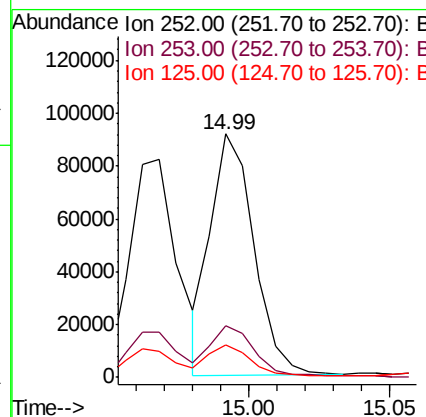
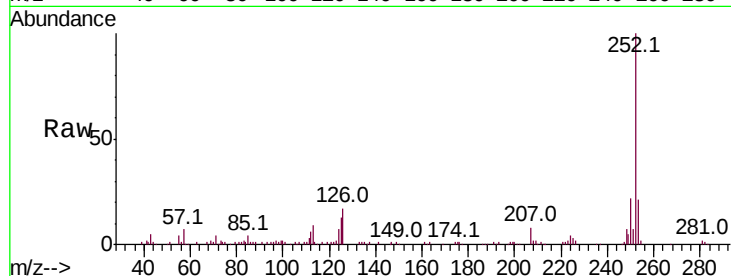




#89
Benzo(k)fluoranthene
Concen: 2.477 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

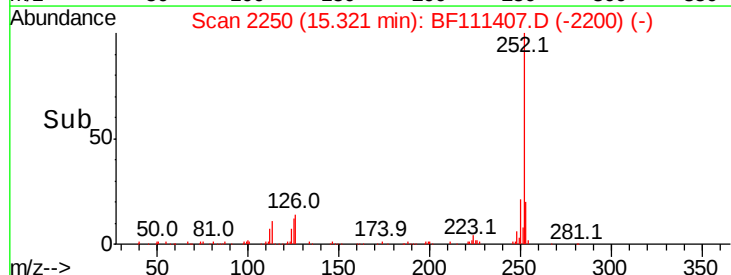
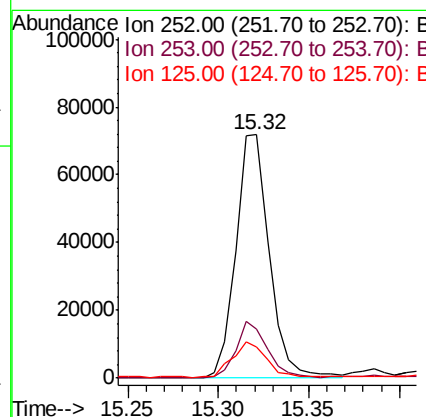
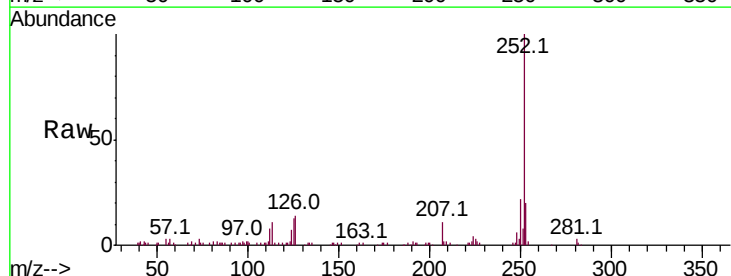
Instrument :
BNA_F
ClientSampleId :

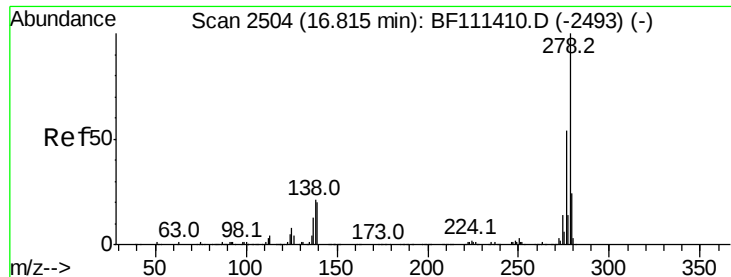
Tot Ion:252 Resp: 97780
Ion Ratio Lower Upper
252 100
253 21.0 18.1 27.1
125 13.2 9.8 14.8



#90
Benzo(a)pyrene
Concen: 2.516 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111407.D
Acq: 14 Dec 2018 9:44

Tgt Ion:252 Resp: 92658
Ion Ratio Lower Upper
252 100
253 20.3 17.8 26.8
125 12.9 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 2.443 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

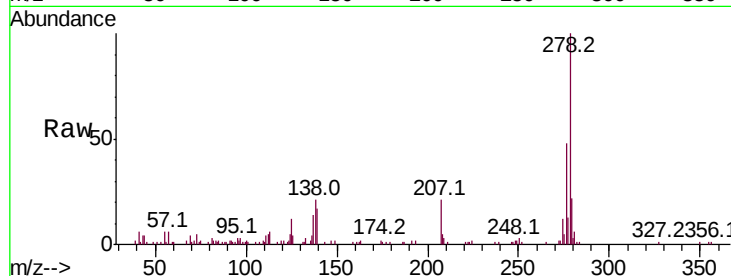
Tot Ion:278 Resp: 74857

Ion Ratio Lower Upper

278 100

139 16.8 18.2 27.4#

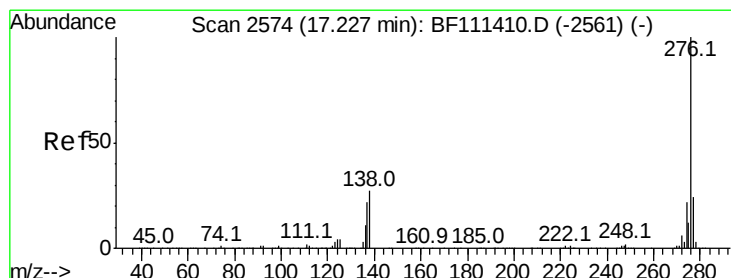
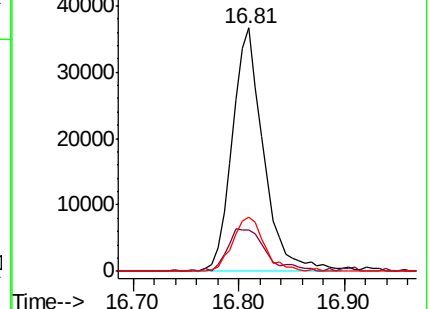
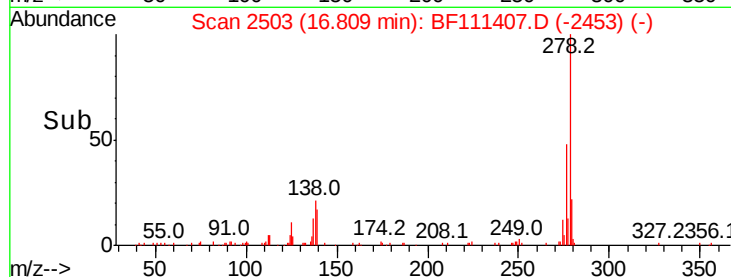
279 22.0 19.0 28.6



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: 2.252 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BF111407.D

Acq: 14 Dec 2018 9:44

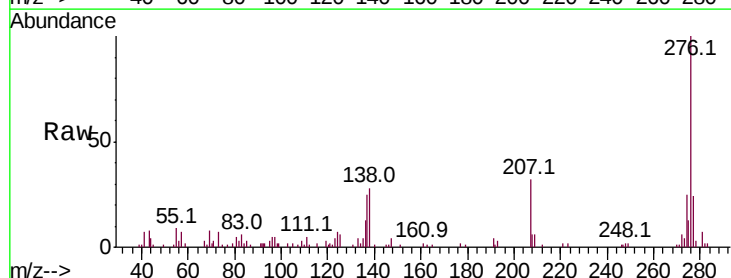
Tgt Ion:276 Resp: 69002

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 28.2 24.9 37.3



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

