

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111411.D
 Acq On : 14 Dec 2018 11:34
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:09:11 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	278421	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1183473	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	559281	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	971447	20.00	ng	0.00
76) Chrysene-d12	13.96	240	610328	20.00	ng	0.00
87) Perylene-d12	15.39	264	479444	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1407036	85.46	ng	0.00
7) Phenol-d6	6.45	99	2162080	97.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	2034134	96.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	484395	98.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3271057	93.90	ng	0.00
79) Terphenyl-d14	12.90	244	2507533	90.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	334660	40.692	ng	98
3) Pyridine	3.23	79	882498	43.681	ng	94
4) n-Nitrosodimethylamine	3.19	42	410047	43.507	ng	93
6) Aniline	6.46	93	1357435	50.546	ng	# 76
8) 2-Chlorophenol	6.59	128	996404	49.237	ng	99
9) Benzaldehyde	6.34	77	607132	43.947	ng	98
10) Phenol	6.46	94	1187653	47.229	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	989028	49.994	ng	99
12) 1,3-Dichlorobenzene	6.74	146	1068739	48.783	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1083759	48.868	ng	98
14) 1,2-Dichlorobenzene	6.97	146	978558	47.695	ng	99
15) Benzyl Alcohol	6.95	79	826178	48.603	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1776459	46.351	ng	94
17) 2-Methylphenol	7.06	107	797269	48.755	ng	95
18) Hexachloroethane	7.31	117	402707	48.911	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	700579	47.493	ng	98
20) 3+4-Methylphenols	7.22	107	942580	48.335	ng	# 76
22) Acetophenone	7.21	105	1320242	48.026	ng	# 93
24) Nitrobenzene	7.38	77	1036176	47.909	ng	97
25) Isophorone	7.62	82	1734959	48.644	ng	99
26) 2-Nitrophenol	7.69	139	552702	51.990	ng	99
27) 2,4-Dimethylphenol	7.74	122	798234	49.464	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	1188219	48.537	ng	99
29) 2,4-Dichlorophenol	7.94	162	824602	48.984	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	835294	48.291	ng	99
31) Naphthalene	8.10	128	2617500	47.471	ng	98
32) Benzoic acid	7.89	122	650648	48.501	ng	94
33) 4-Chloroaniline	8.15	127	1204796	51.163	ng	96
34) Hexachlorobutadiene	8.22	225	449489	46.843	ng	99
35) Caprolactam	8.54	113	309939	52.544	ng	91
36) 4-Chloro-3-methylphenol	8.64	107	883513	49.252	ng	99
37) 2-Methylnaphthalene	8.79	142	1726498	48.438	ng	99
38) 1-Methylnaphthalene	8.89	142	1657438	48.179	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	732664	46.605	ng	99

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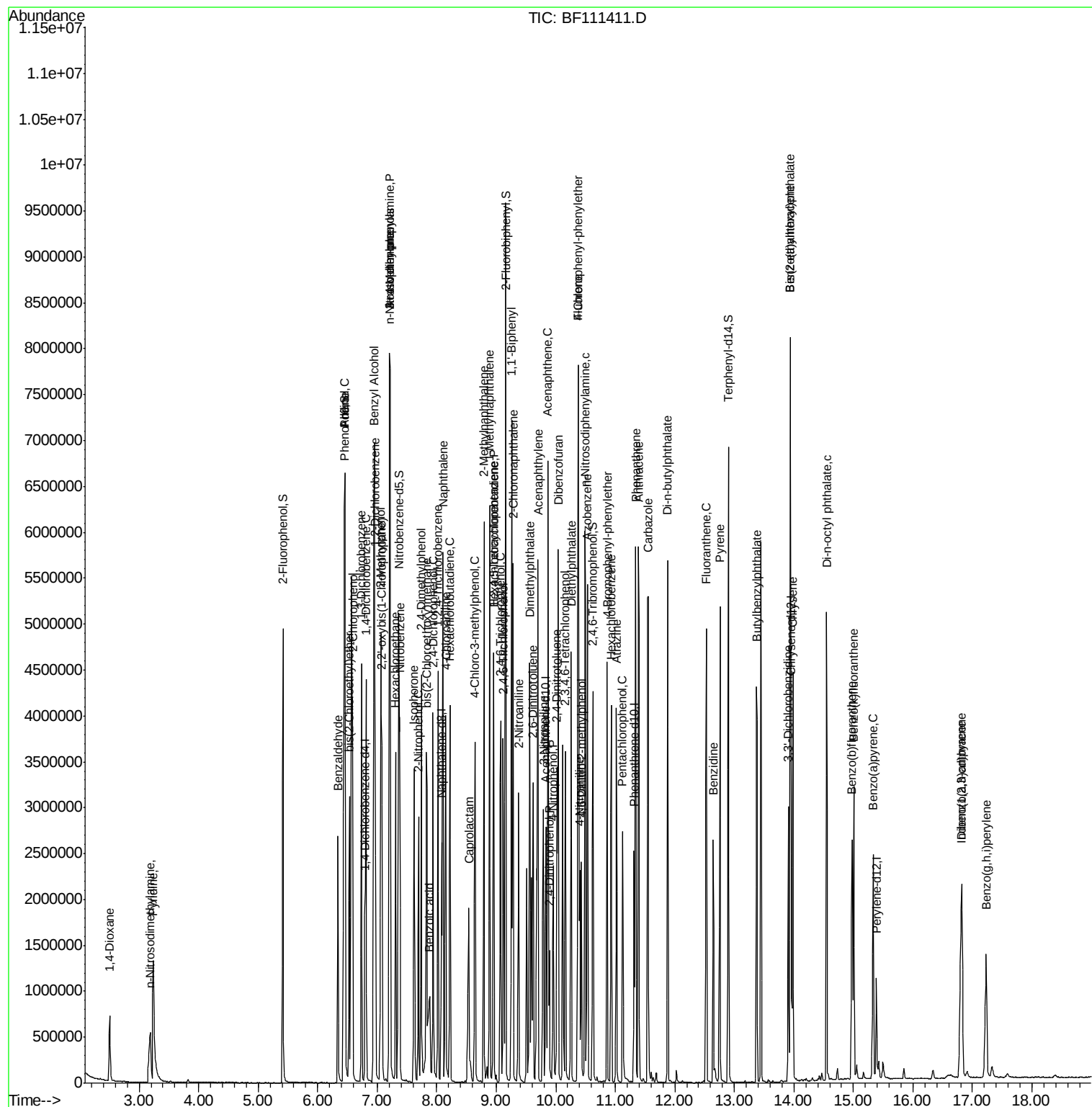
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	415252	50.585	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	536305	47.662	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	582785	49.007	nq	98
46) 1,1'-Biphenyl	9.26	154	2236497	46.868	nq	97
47) 2-Chloronaphthalene	9.28	162	1751406	47.925	nq	97
48) 2-Nitroaniline	9.37	65	596822	50.256	nq	96
49) Acenaphthylene	9.70	152	2534751	47.475	nq	97
50) Dimethylphthalate	9.56	163	1955509	48.622	nq	99
51) 2,6-Dinitrotoluene	9.62	165	464381	52.090	nq	98
52) Acenaphthene	9.87	154	1639096	48.672	nq	99
53) 3-Nitroaniline	9.79	138	565233	52.749	nq	92
54) 2,4-Dinitrophenol	9.89	184	191126	54.645	nq	# 83
55) Dibenzofuran	10.04	168	2333932	48.008	nq	98
56) 4-Nitrophenol	9.96	139	410893	53.247	nq	96
57) 2,4-Dinitrotoluene	10.02	165	599357	52.457	nq	98
58) Fluorene	10.38	166	1637952	47.097	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	441006	48.005	nq	98
60) Diethylphthalate	10.26	149	1915410	47.306	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	807513	46.837	nq	100
62) 4-Nitroaniline	10.40	138	553234	53.714	nq	98
63) Azobenzene	10.53	77	1940542	47.534	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	285191	51.136	nq	89
66) n-Nitrosodiphenylamine	10.49	169	1627120	47.086	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	515285	47.647	nq	98
68) Hexachlorobenzene	10.93	284	530612	47.648	nq	95
69) Atrazine	11.02	200	467958	46.821	nq	99
70) Pentachlorophenol	11.13	266	345781	46.660	nq	96
71) Phenanthrene	11.34	178	2372867	47.257	nq	95
72) Anthracene	11.39	178	2435259	47.631	nq	97
73) Carbazole	11.55	167	2550493	48.245	nq	96
74) Di-n-butylphthalate	11.88	149	2832582	47.058	nq	98
75) Fluoranthene	12.53	202	2085552	42.546	nq	99
77) Benzidine	12.64	184	981019	85.174	nq	99
78) Pyrene	12.76	202	2166499	45.995	nq	98
80) Butylbenzylphthalate	13.38	149	1045804	46.242	nq	87
81) Benzo(a)anthracene	13.94	228	1589991	46.561	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	641360	49.660	nq	99
83) Chrysene	13.99	228	1705995	48.966	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	1307990	47.309	nq	99
85) Di-n-octyl phthalate	14.55	149	2218964	48.878	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1252320	45.958	nq	97
88) Benzo(b)fluoranthene	14.98	252	1399496	51.333	nq	99
89) Benzo(k)fluoranthene	15.01	252	1341022	49.279	nq	99
90) Benzo(a)pyrene	15.33	252	1237970	48.769	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	1048996	49.669	nq	95
92) Benzo(g,h,i)perylene	17.23	276	1118991	52.995	nq	96

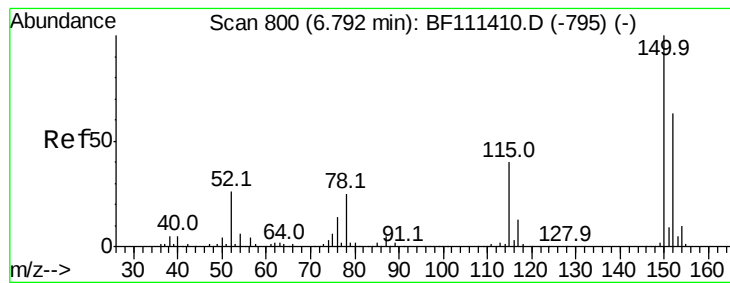
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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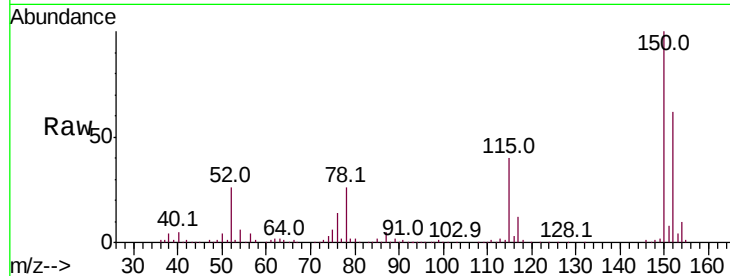


#1

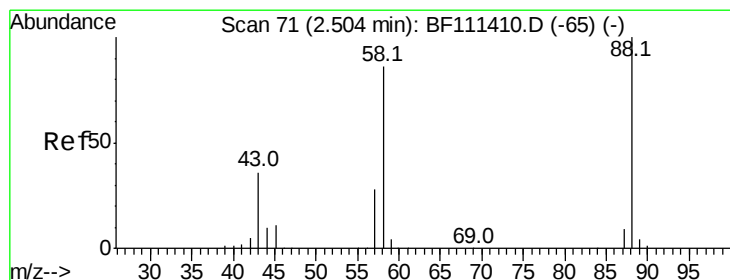
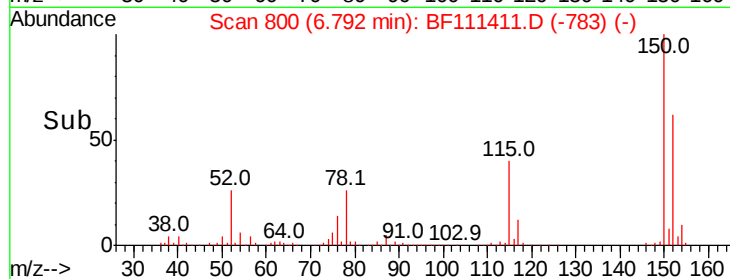
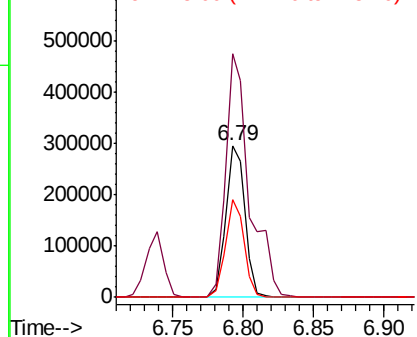
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 278421
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 64.0 50.7 76.1



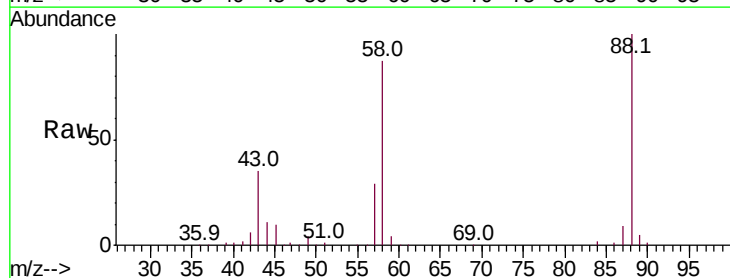
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



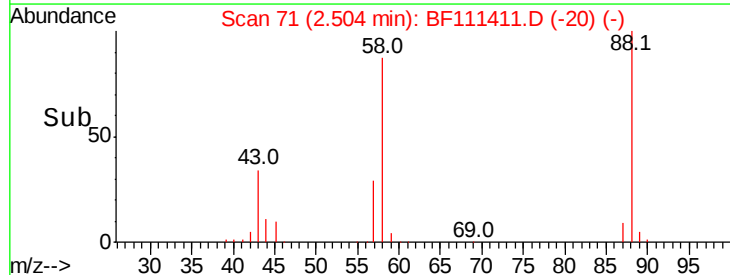
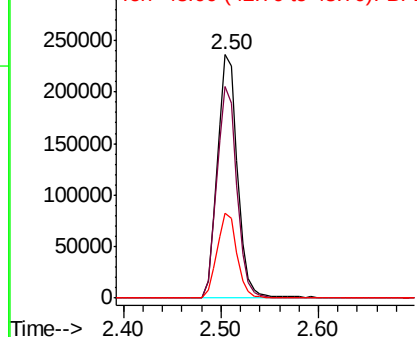
#2

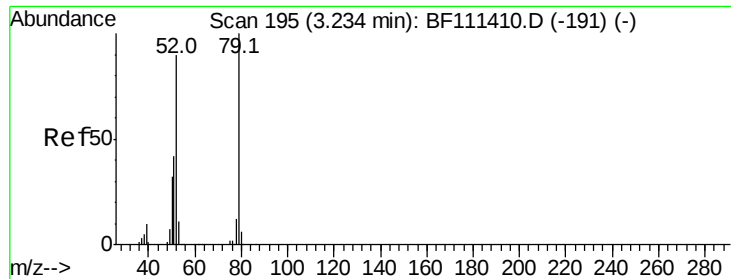
1,4-Dioxane
Concen: 40.692 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 88 Resp: 334660
Ion Ratio Lower Upper
88 100
58 86.5 68.9 103.3
43 34.8 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: 43.681 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

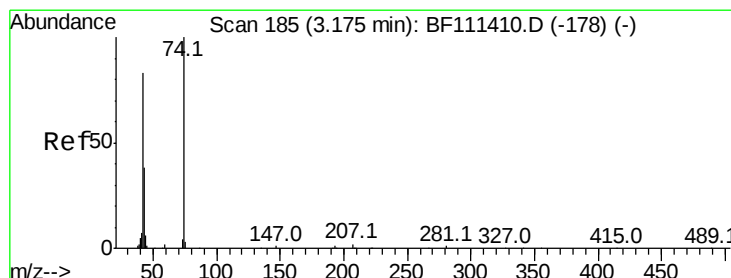
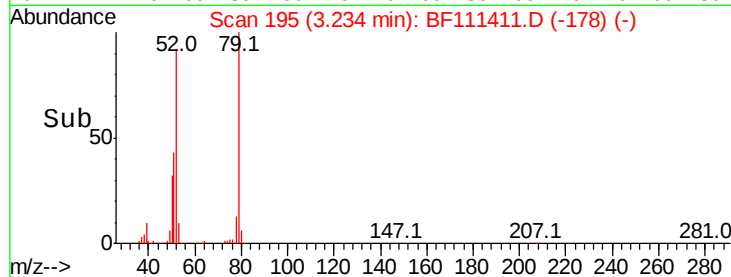
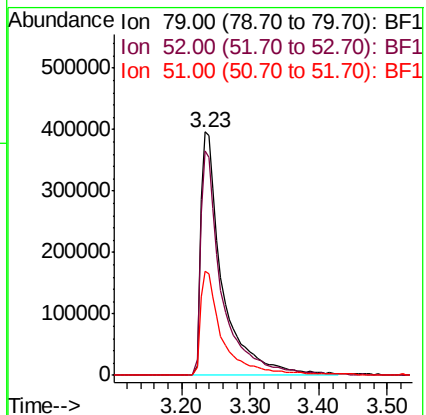
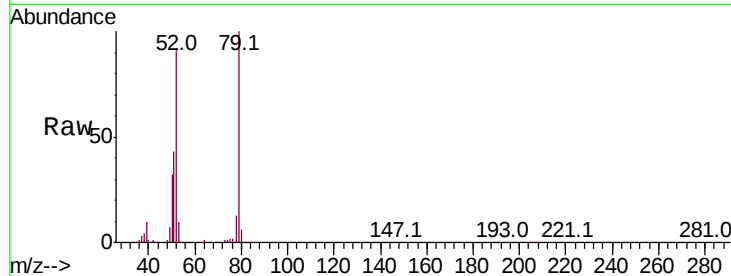
Tot Ion: 79 Resp: 882498

Ion Ratio Lower Upper

79 100

52 92.2 68.3 102.5

51 42.8 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 43.507 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

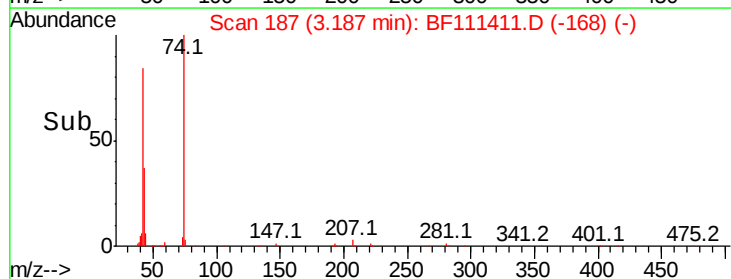
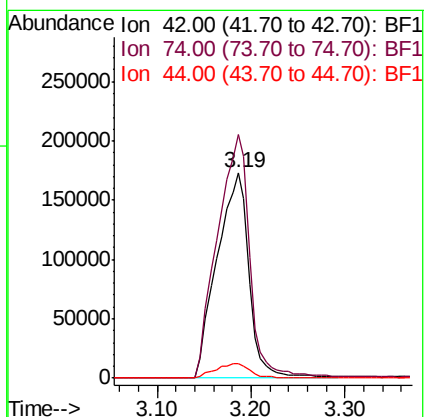
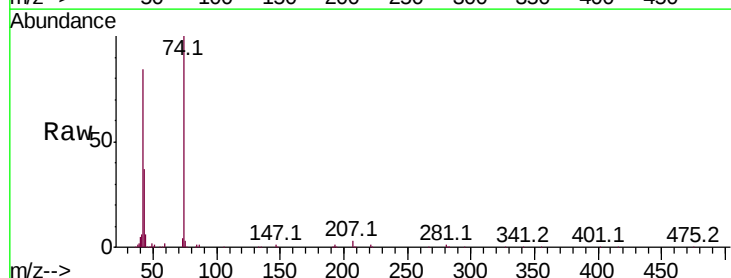
Tgt Ion: 42 Resp: 410047

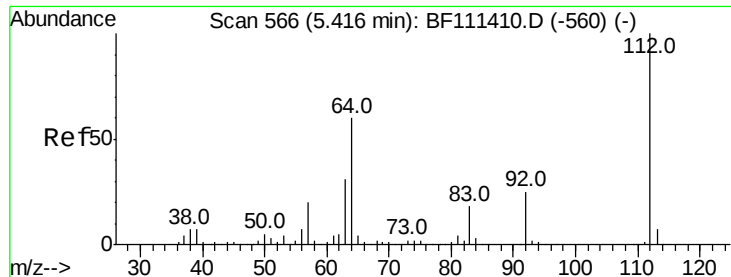
Ion Ratio Lower Upper

42 100

74 118.6 101.5 152.3

44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 85.458 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

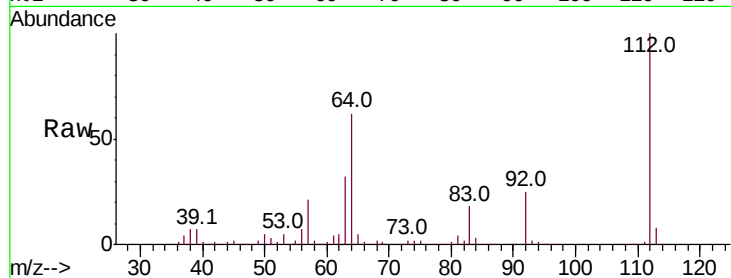
Tot Ion:112 Resp: 1407036

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

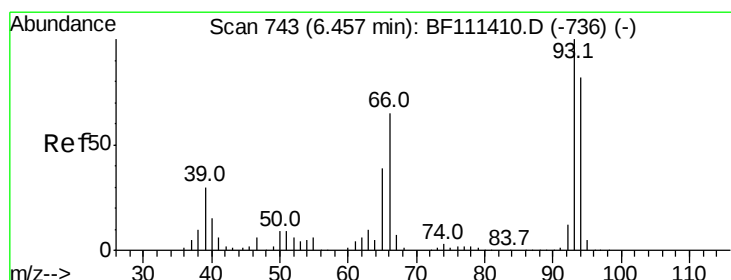
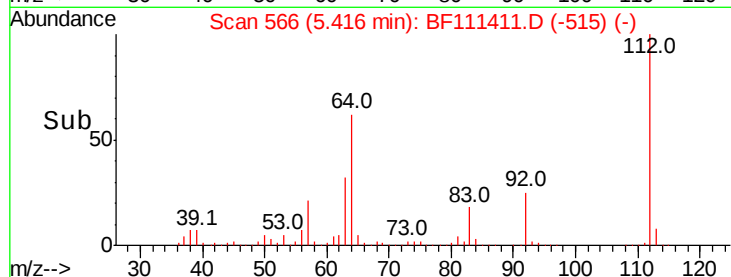
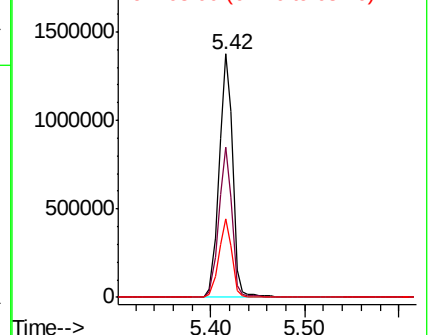
63 32.3 26.8 40.2



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: 50.546 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

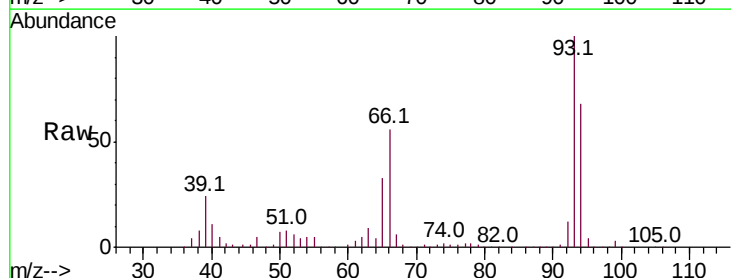
Tgt Ion: 93 Resp: 1357435

Ion Ratio Lower Upper

93 100

66 56.4 33.2 49.8#

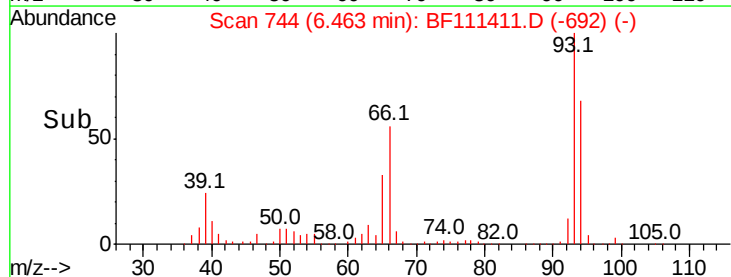
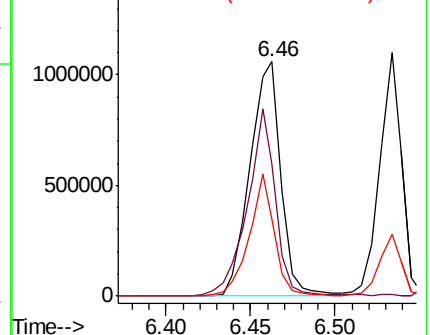
65 33.2 17.0 25.4#

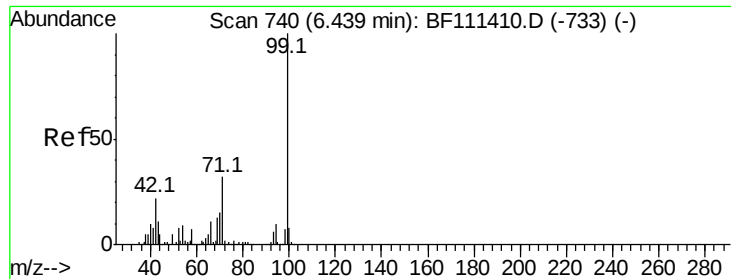


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.397 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

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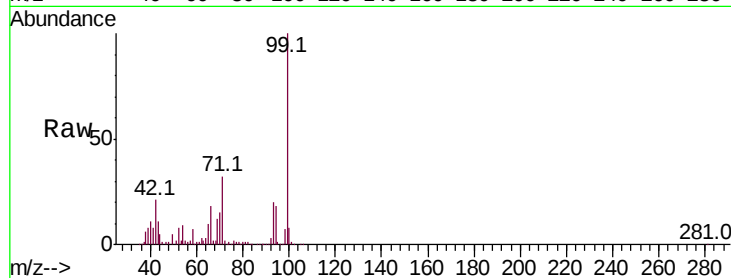
Tot Ion: 99 Resp: 2162080

Ion Ratio Lower Upper

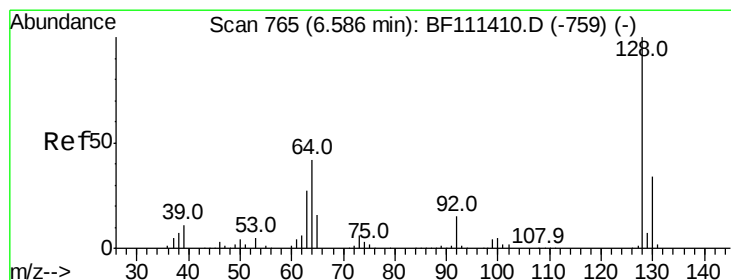
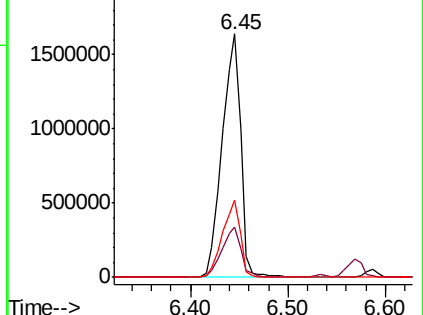
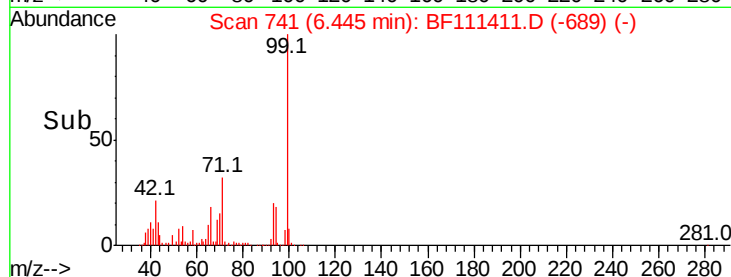
99 100

42 20.7 17.4 26.0

71 31.6 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: 49.237 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

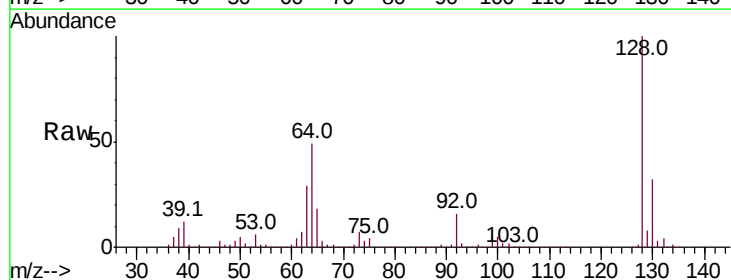
Tgt Ion:128 Resp: 996404

Ion Ratio Lower Upper

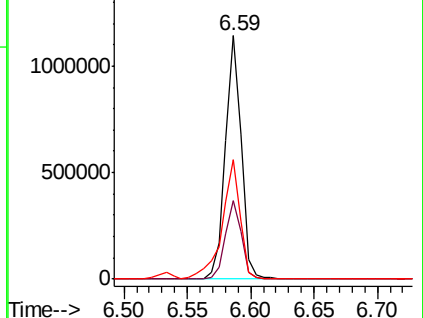
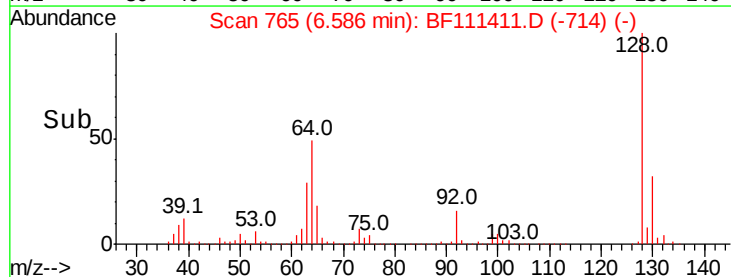
128 100

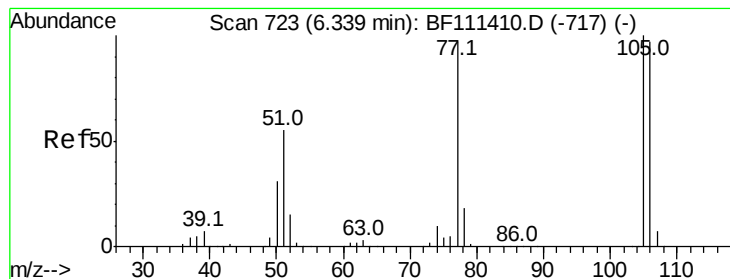
130 32.0 12.7 52.7

64 48.9 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: 43.947 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

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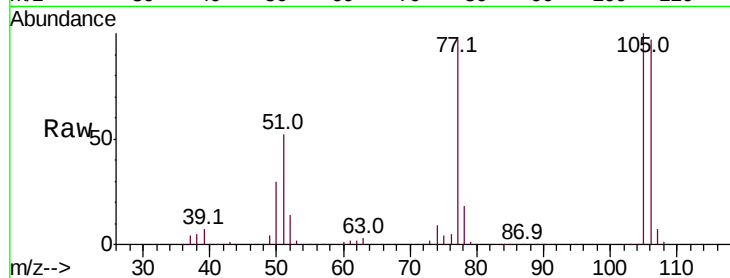
Tot Ion: 77 Resp: 607132

Ion Ratio Lower Upper

77 100

105 102.8 81.4 121.4

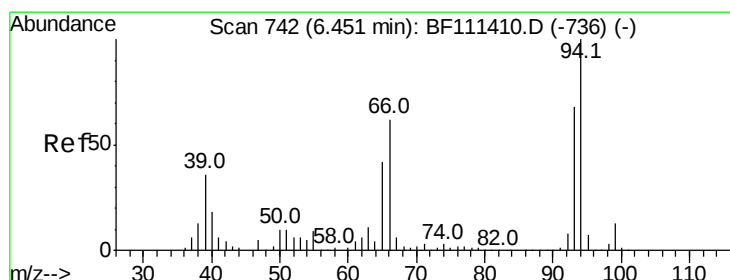
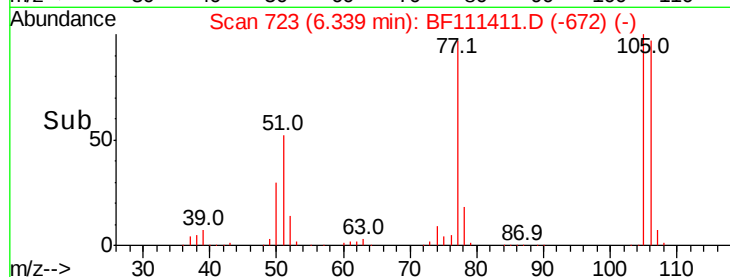
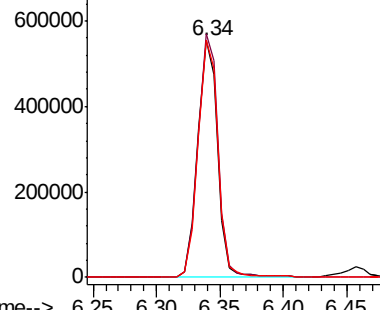
106 100.0 77.9 117.9



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: 47.229 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

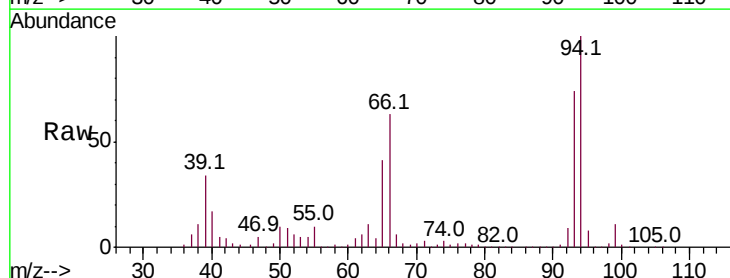
Tgt Ion: 94 Resp: 1187653

Ion Ratio Lower Upper

94 100

65 41.1 11.7 51.7

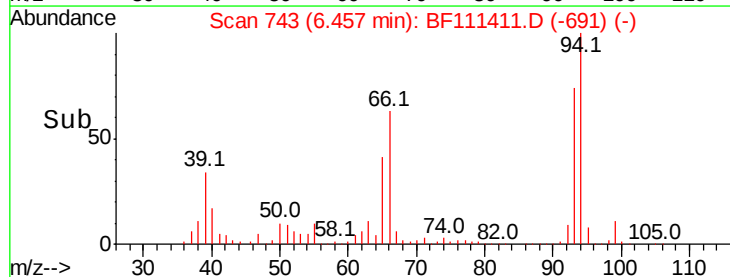
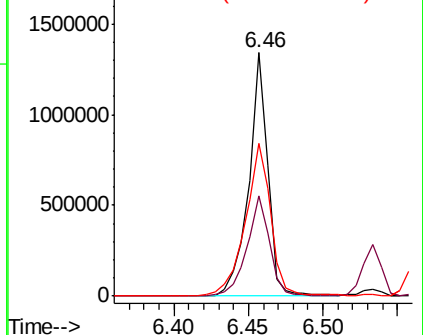
66 62.9 21.0 61.0#

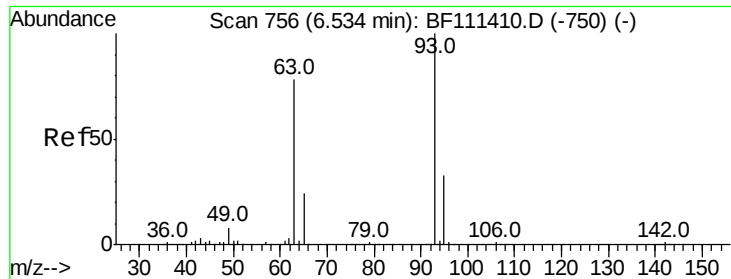


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

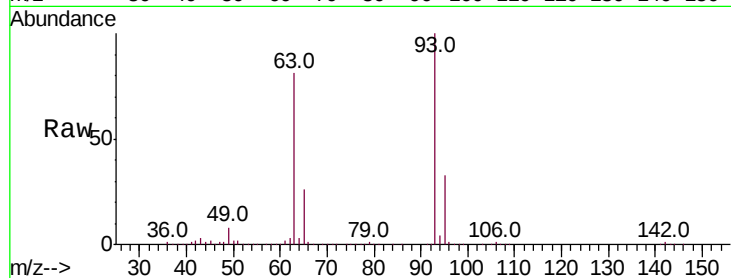




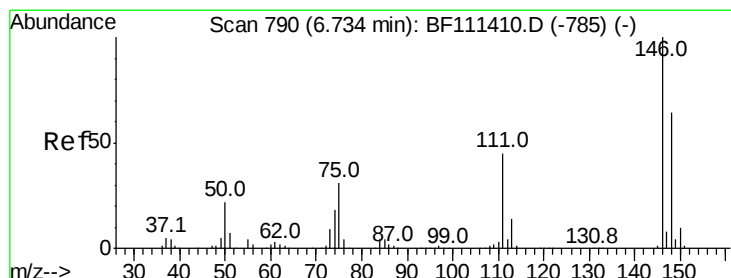
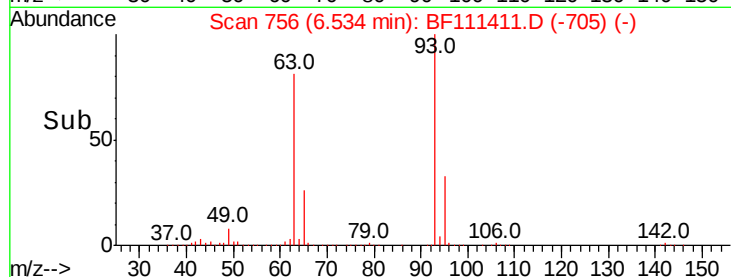
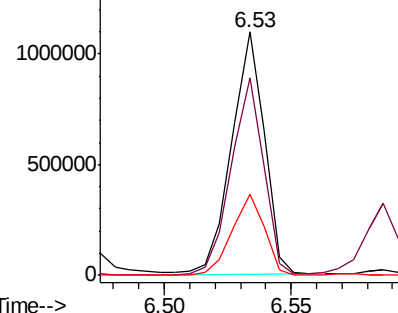
#11
bis(2-Chloroethyl)ether
Concen: 49.994 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 989028
Ion Ratio Lower Upper
93 100
63 81.1 60.0 100.0
95 33.1 13.4 53.4

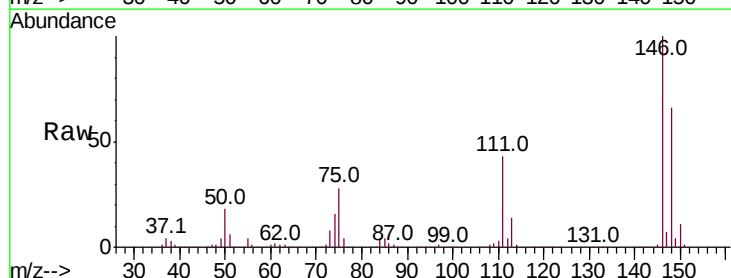


Abundance Ion 93.00 (92.70 to 93.70): BF1
1500000
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

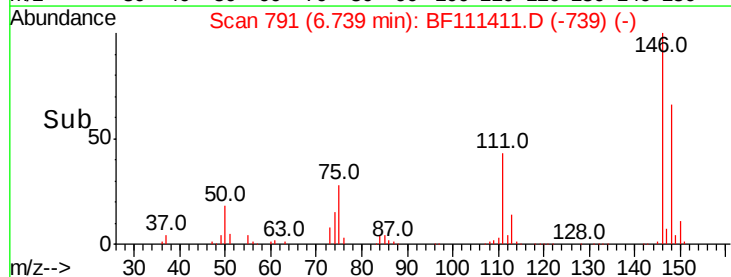
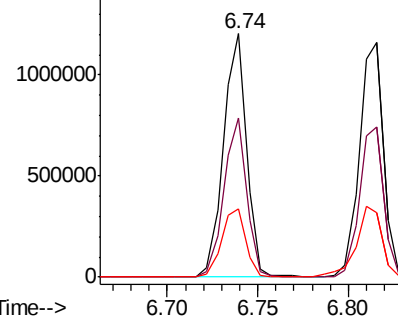


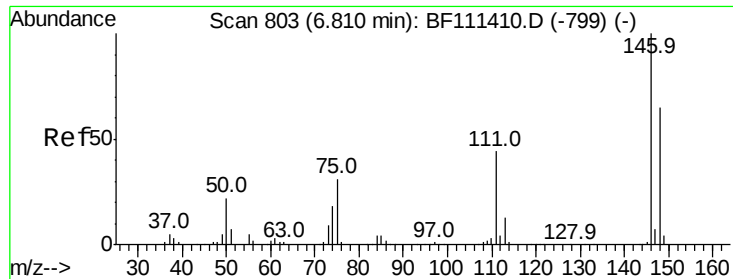
#12
1,3-Dichlorobenzene
Concen: 48.783 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 146 Resp: 1068739
Ion Ratio Lower Upper
146 100
148 65.6 52.1 78.1
75 28.0 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
1500000
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

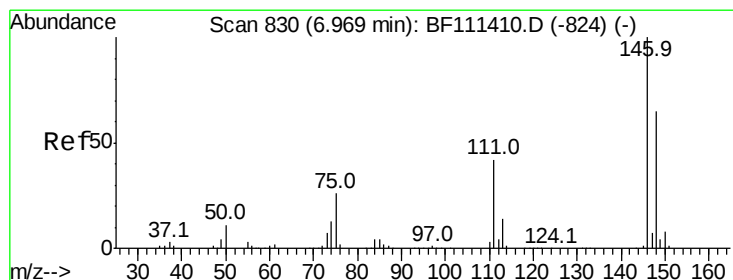
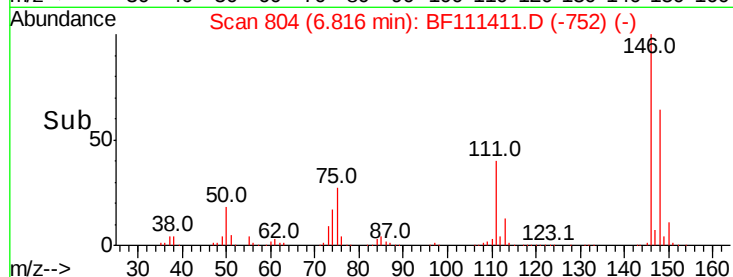
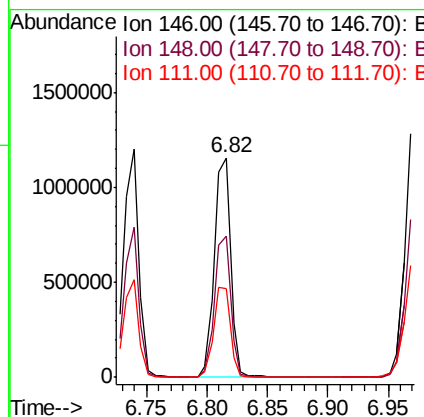
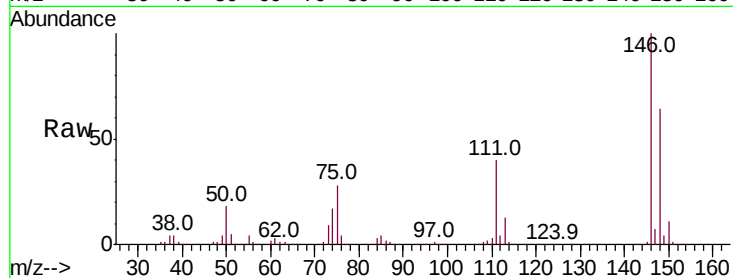




#13
 1,4-Dichlorobenzene
 Concen: 48.868 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

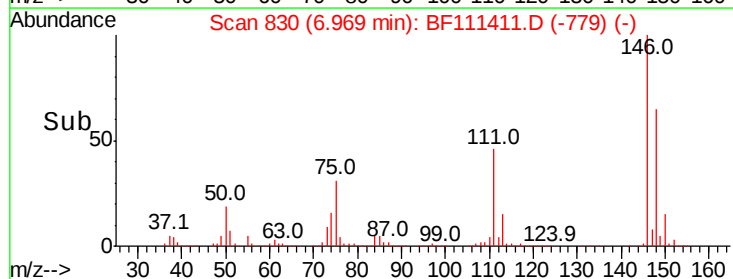
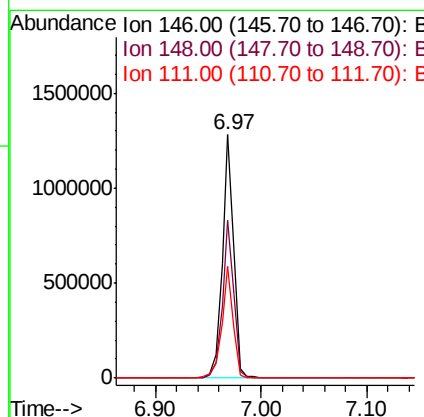
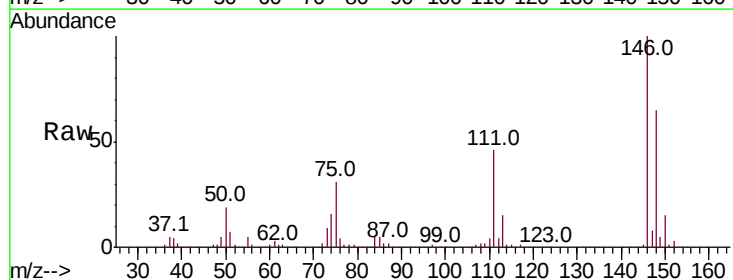
Instrument :
 BNA_F
 ClientSampleId :

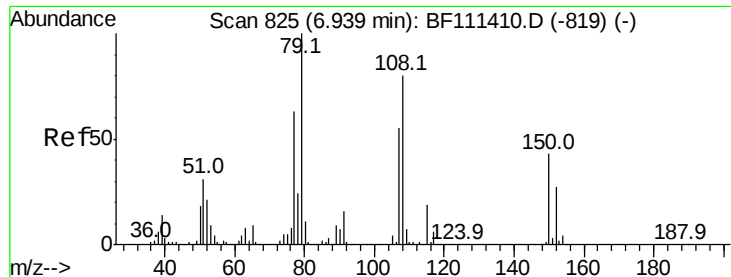
Tot Ion:146 Resp: 1083759
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.8 79.2
 111 40.3 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 47.695 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion:146 Resp: 978558
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 45.8 36.2 54.4

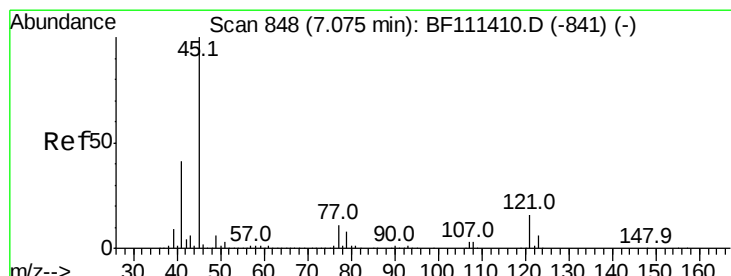
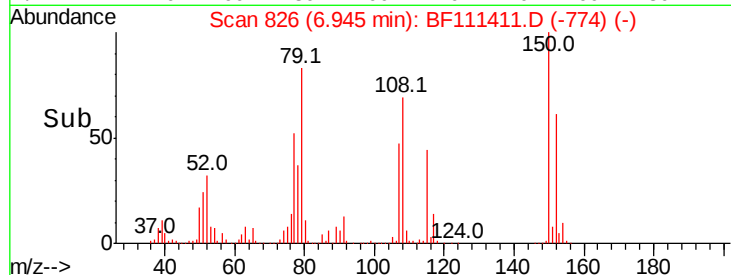
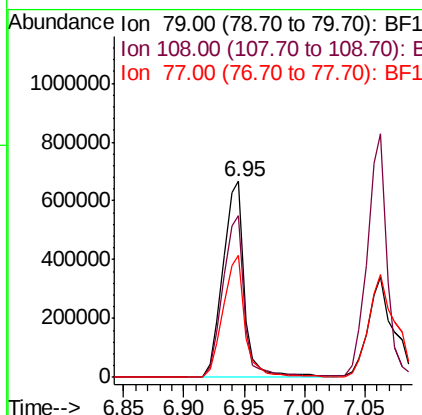
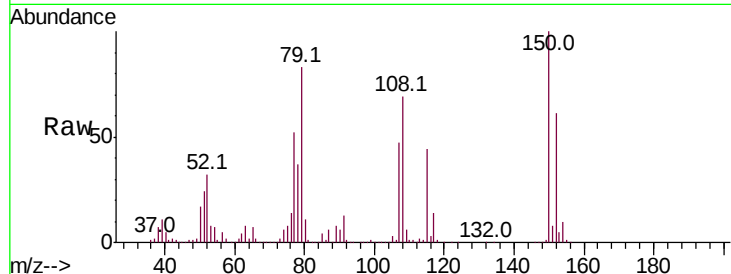




#15
Benzyl Alcohol
Concen: 48.603 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

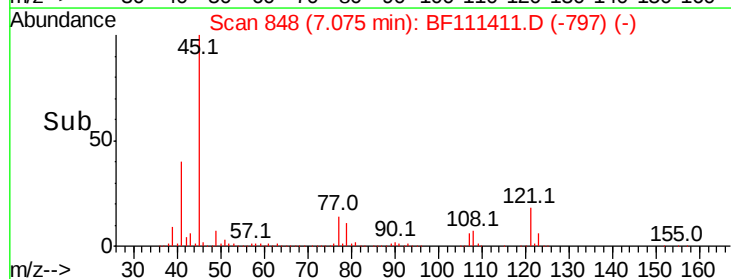
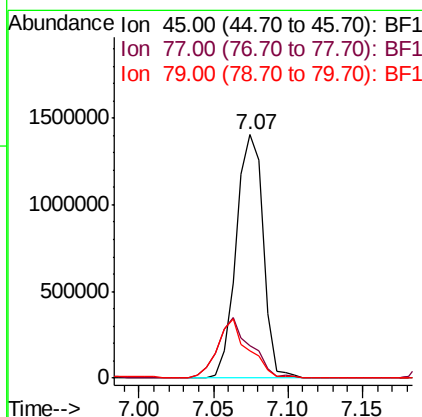
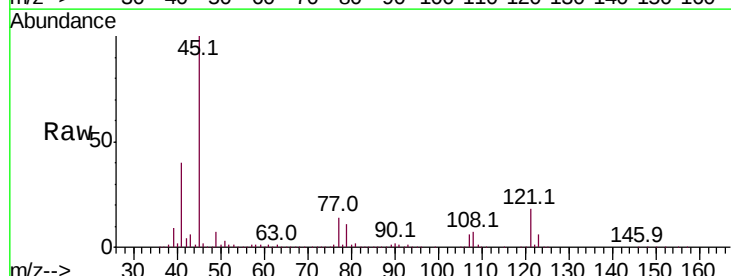
Instrument :
BNA_F
ClientSampleId :

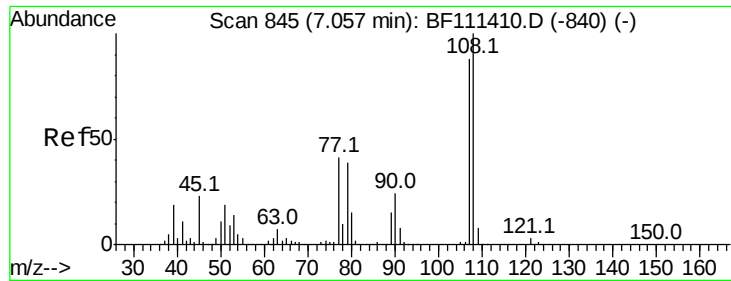
Tot Ion: 79 Resp: 826178
Ion Ratio Lower Upper
79 100
108 82.6 69.4 104.2
77 62.3 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.351 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 45 Resp: 1776459
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.5
79 11.0 0.0 28.9

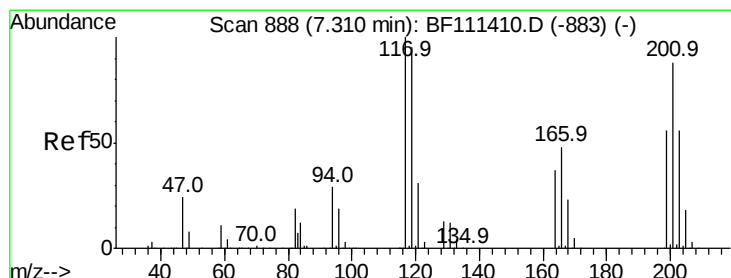
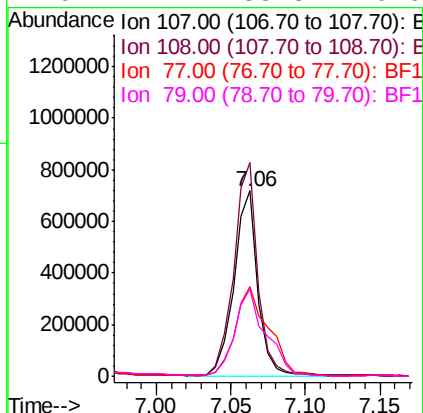
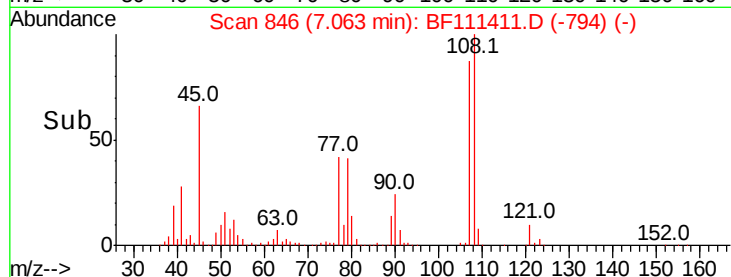
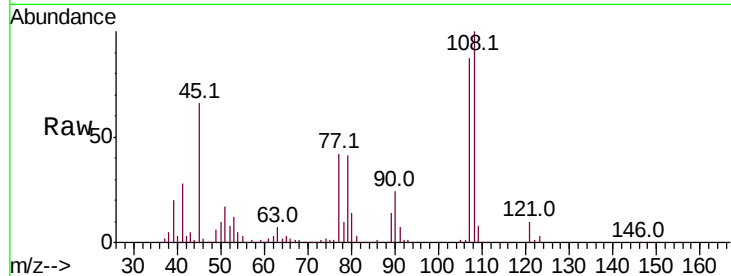




#17
2-Methylphenol
Concen: 48.755 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

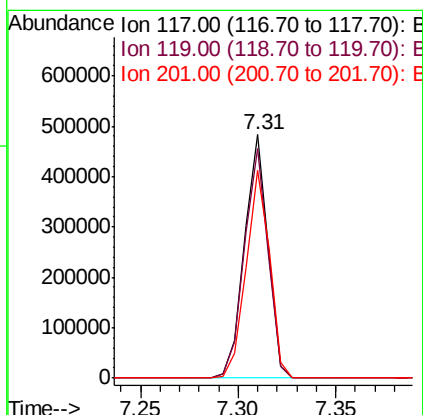
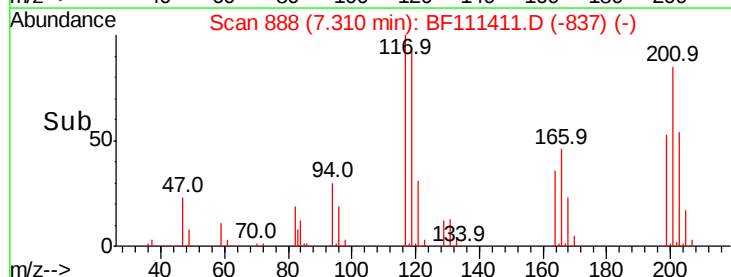
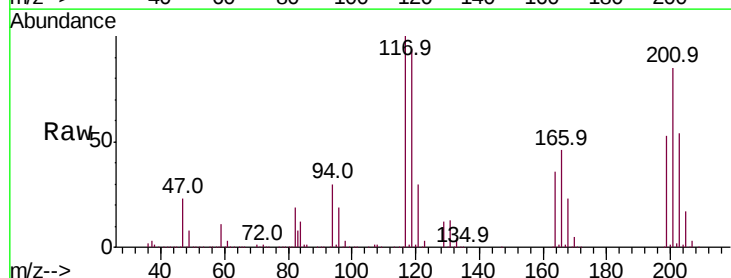
Instrument :
BNA_F
ClientSampleId :

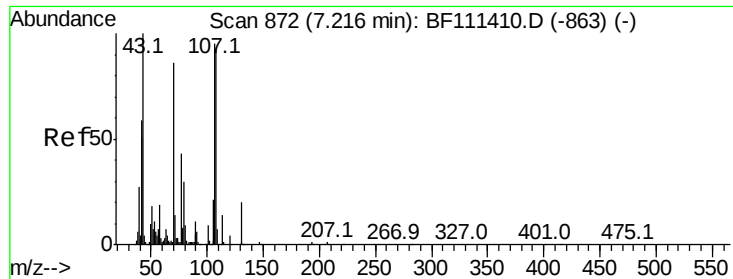
Tot Ion:107 Resp: 797269
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.4
77 48.6 33.5 50.3
79 47.2 33.3 49.9



#18
Hexachloroethane
Concen: 48.911 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:117 Resp: 402707
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
201 85.2 62.4 93.6

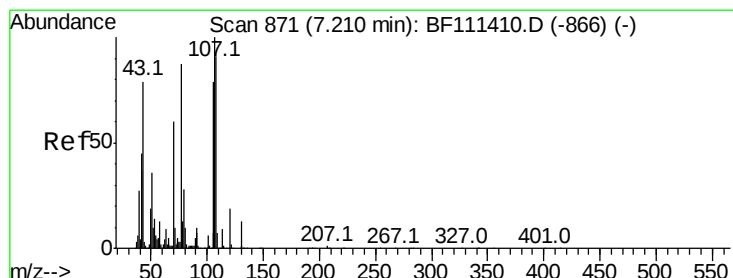
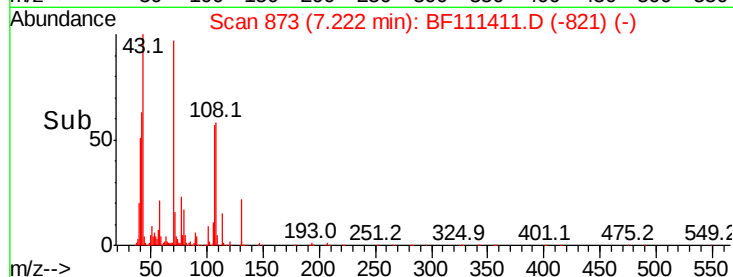
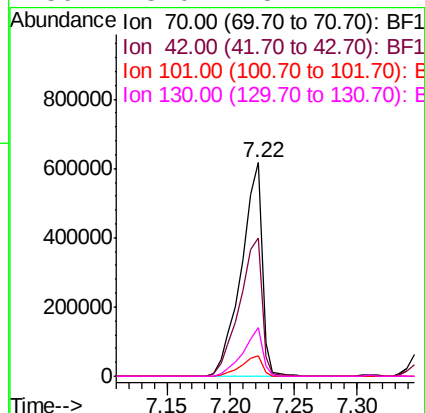
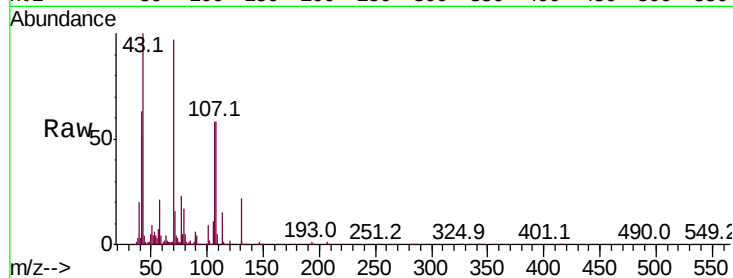




#19
n-Nitroso-di-n-propylamine
Concen: 47.493 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

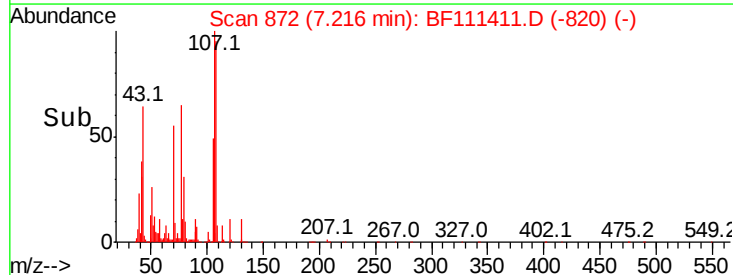
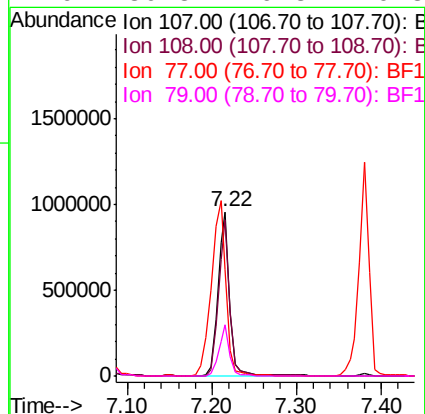
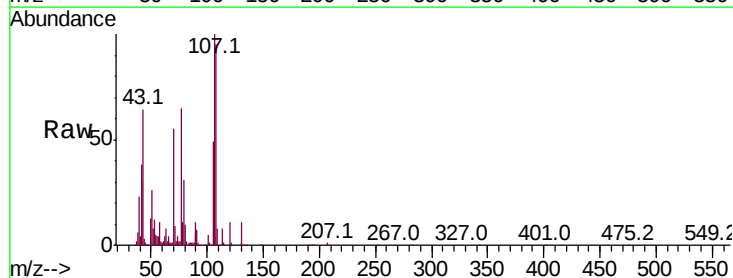
Instrument :
BNA_F
ClientSampleId :

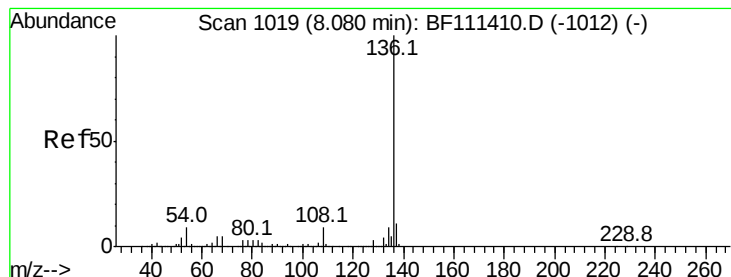
Tot Ion:	70	Resp:	700579
Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.2	79.8
101	9.8	8.2	12.4
130	23.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 48.335 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:	107	Resp:	942580
Ion	Ratio	Lower	Upper
107	100		
108	95.2	72.1	112.1
77	64.8	94.1	134.1#
79	30.8	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1183473

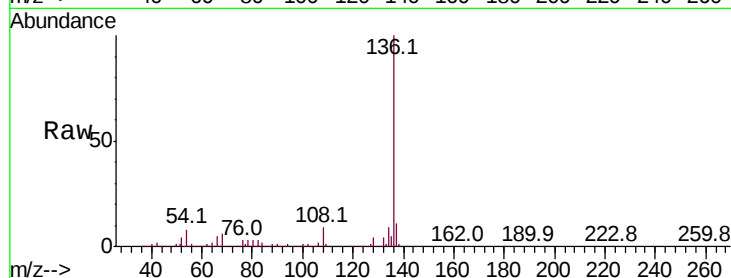
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.4 7.7 11.5

68 5.9 4.9 7.3



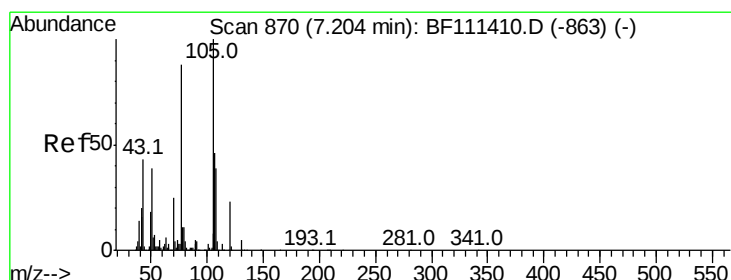
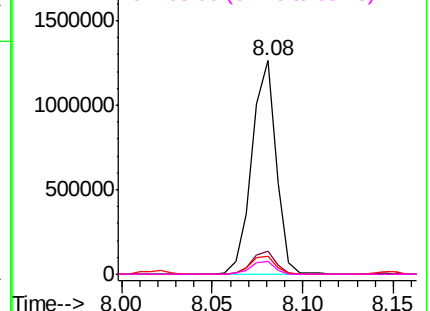
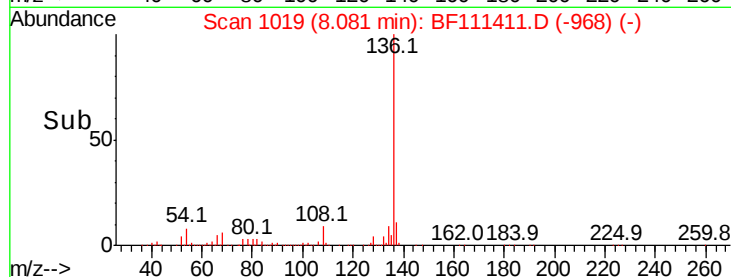
Abundance

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: 48.026 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Tgt Ion:105 Resp: 1320242

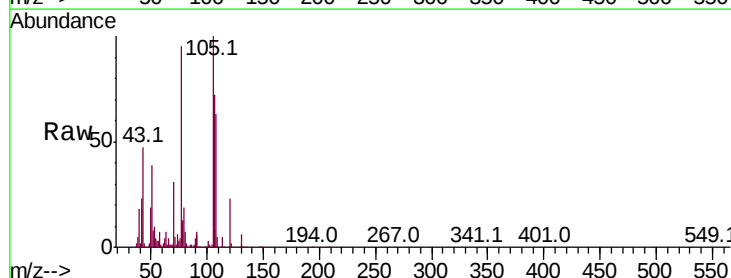
Ion Ratio Lower Upper

105 100

71 5.2 3.1 4.7#

51 39.4 36.6 54.8

120 23.2 18.2 27.4



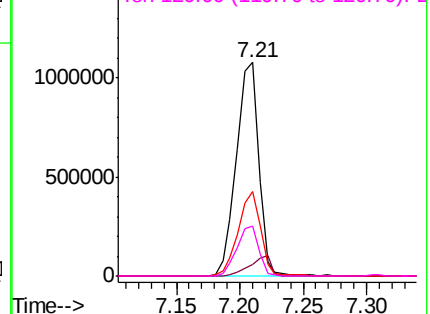
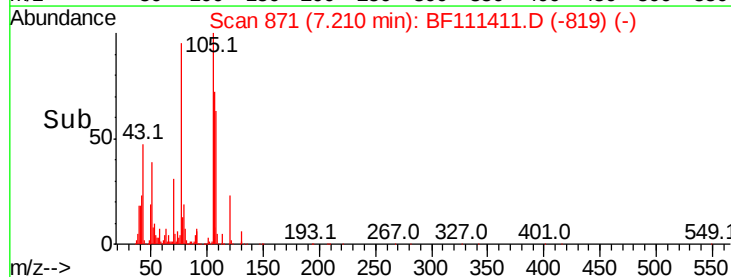
Abundance

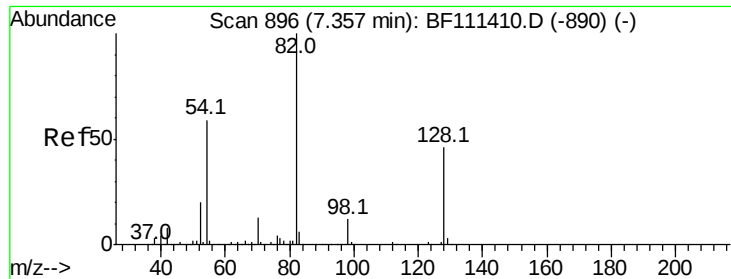
Ion 105.00 (104.70 to 105.70): E

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

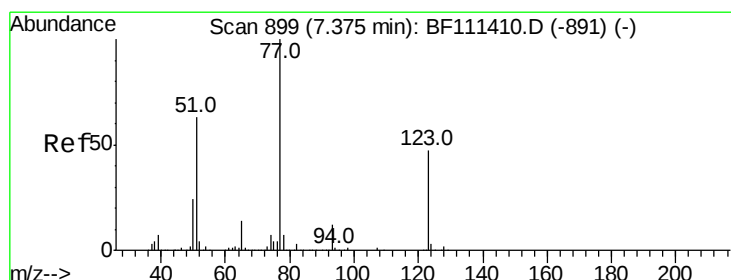
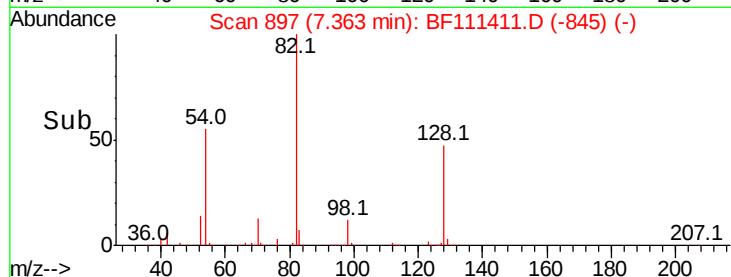
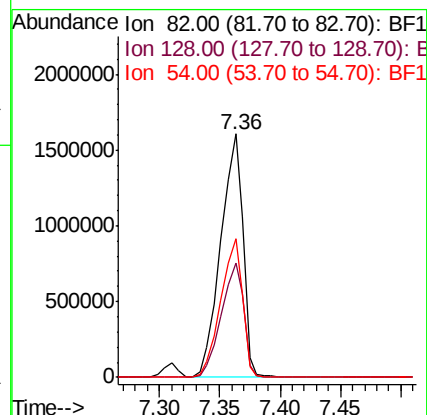
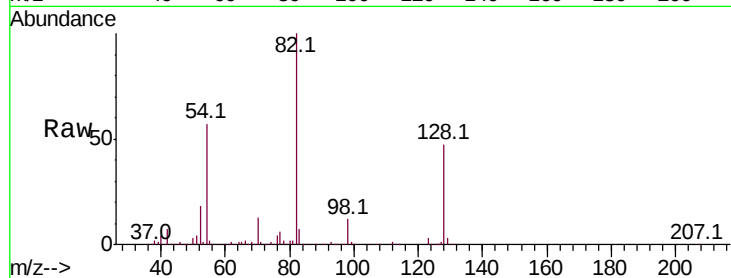




#23
 Nitrobenzene-d5
 Concen: 96.876 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

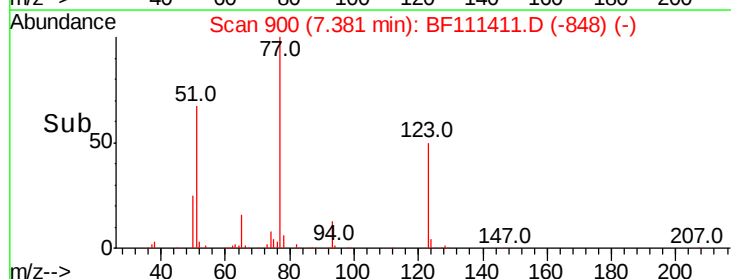
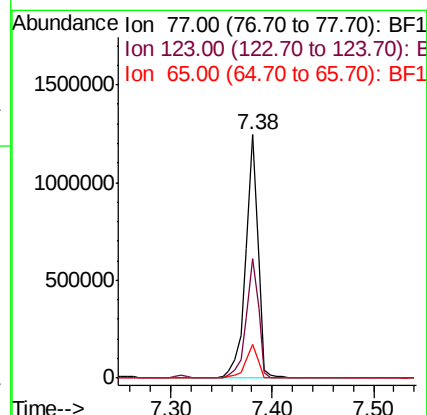
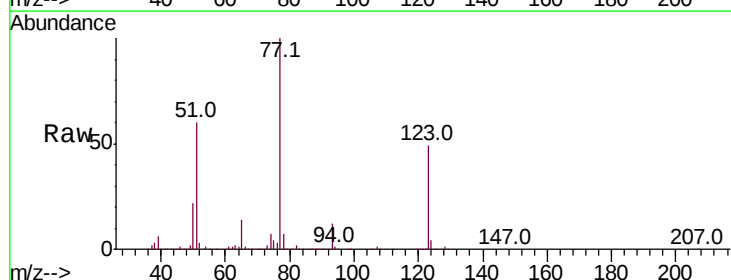
Instrument :
 BNA_F
 ClientSampleId :

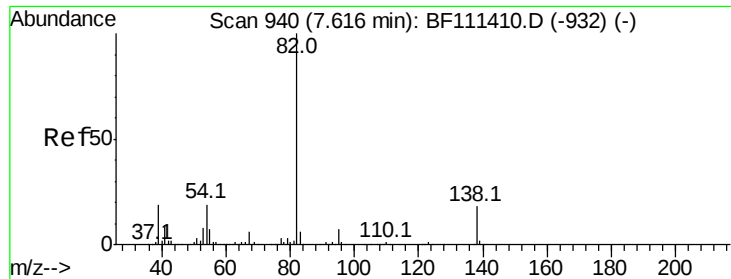
Tot Ion: 82 Resp: 2034134
 Ion Ratio Lower Upper
 82 100
 128 47.2 37.4 56.2
 54 56.9 47.6 71.4



#24
 Nitrobenzene
 Concen: 47.909 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion: 77 Resp: 1036176
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.2 55.8
 65 13.8 11.5 17.3





#25

Isophorone

Concen: 48.644 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

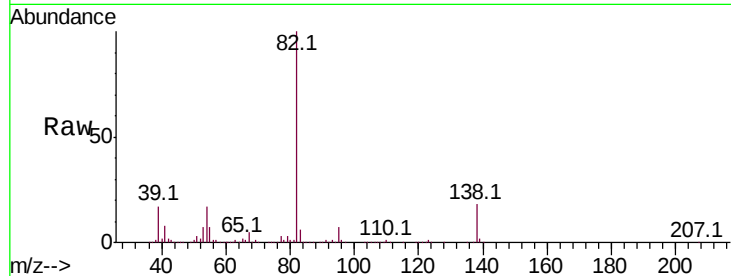
Tot Ion: 82 Resp: 1734959

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

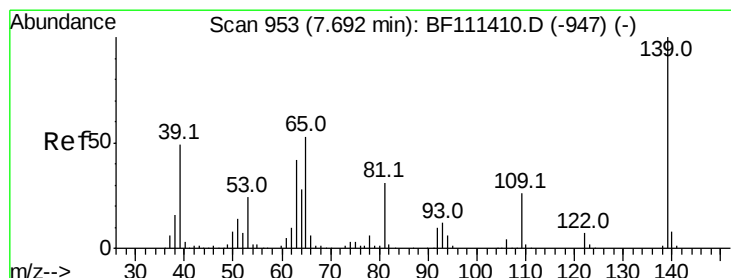
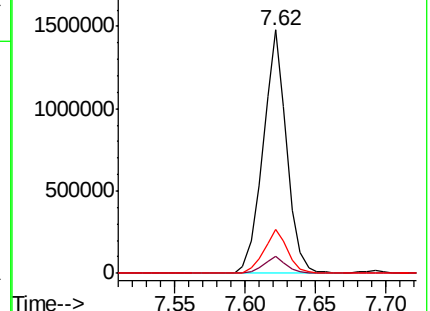
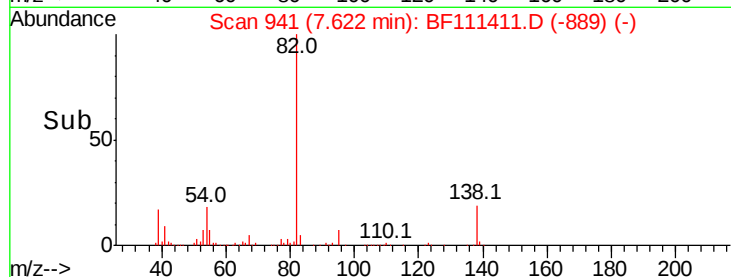
138 18.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.990 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

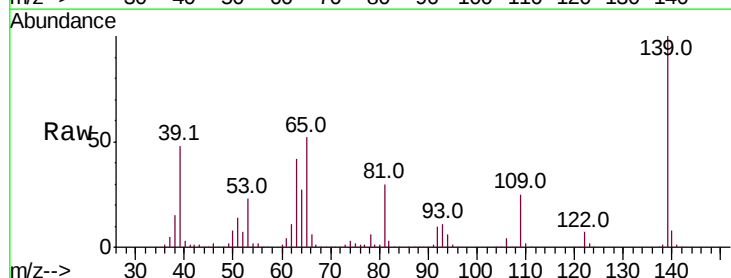
Tgt Ion:139 Resp: 552702

Ion Ratio Lower Upper

139 100

109 24.7 20.2 30.4

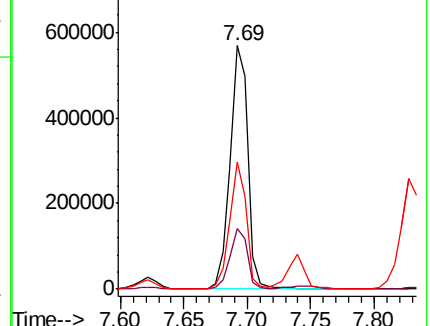
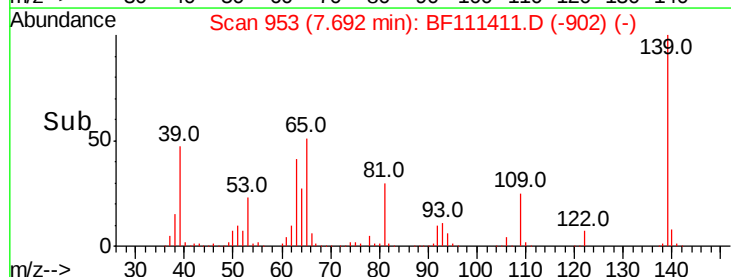
65 52.0 40.7 61.1

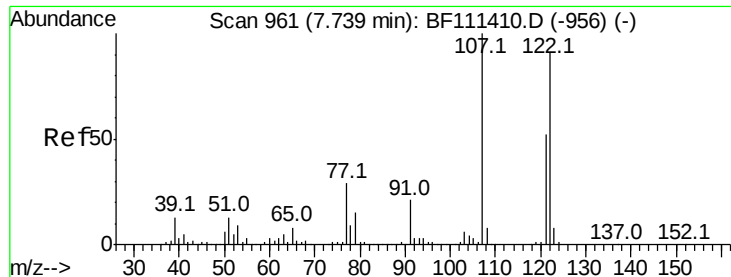


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

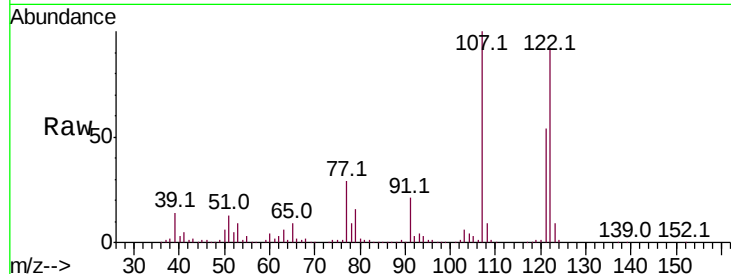




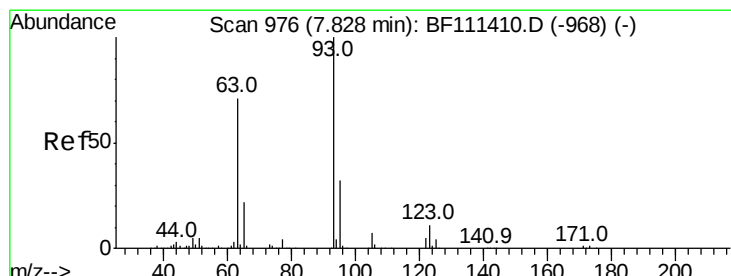
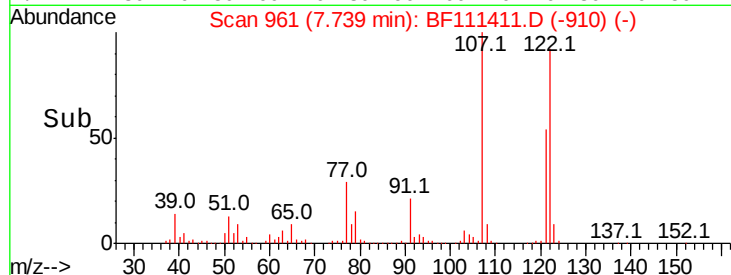
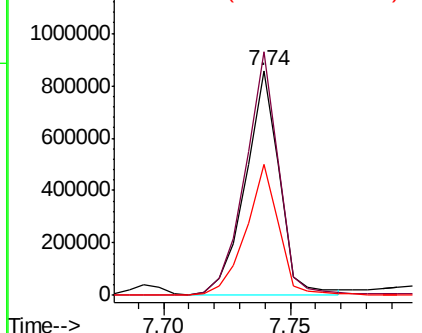
#27
2,4-Dimethylphenol
Concen: 49.464 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 798234
Ion Ratio Lower Upper
122 100
107 108.4 85.5 128.3
121 58.4 46.6 70.0

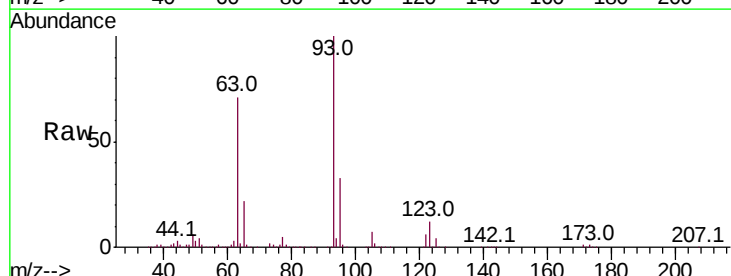


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

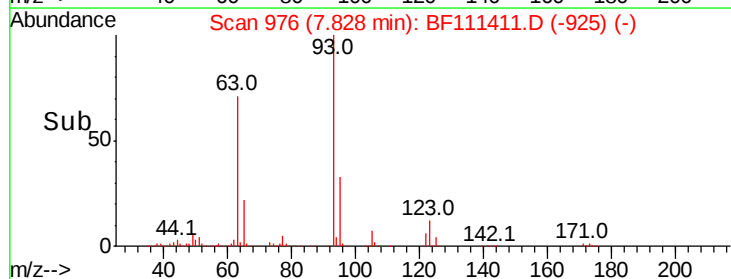
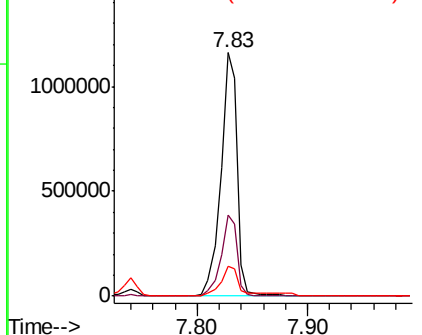


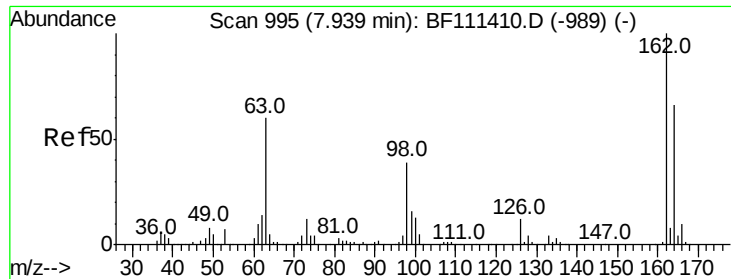
#28
bis(2-Chloroethoxy)methane
Concen: 48.537 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 93 Resp: 1188219
Ion Ratio Lower Upper
93 100
95 33.0 27.1 40.7
123 12.1 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

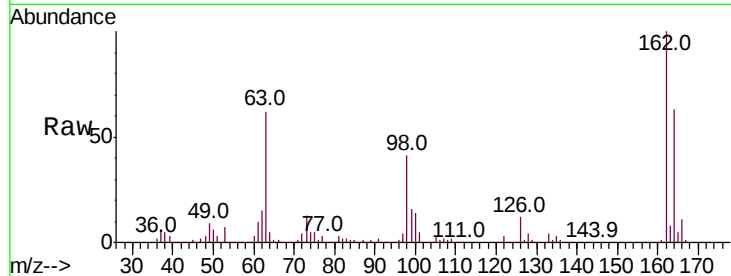




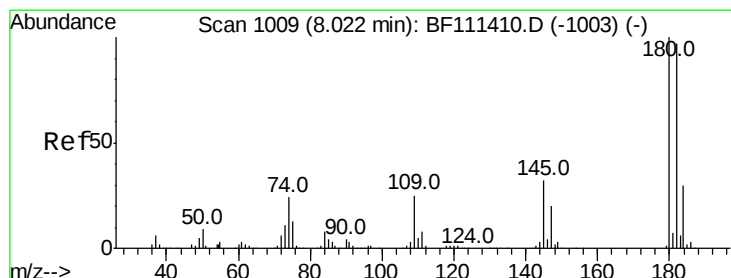
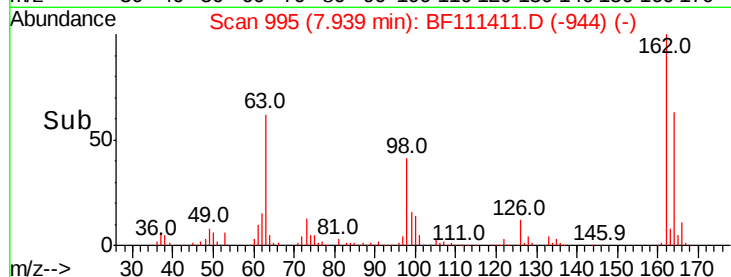
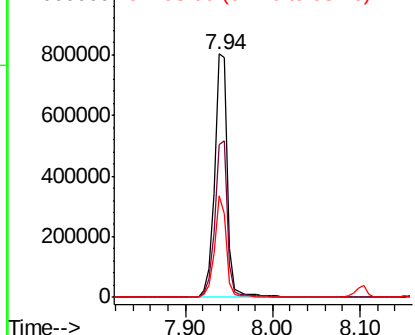
#29
 2,4-Dichlorophenol
 Concen: 48.984 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 824602
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.4 84.4
 98 41.5 20.3 60.3

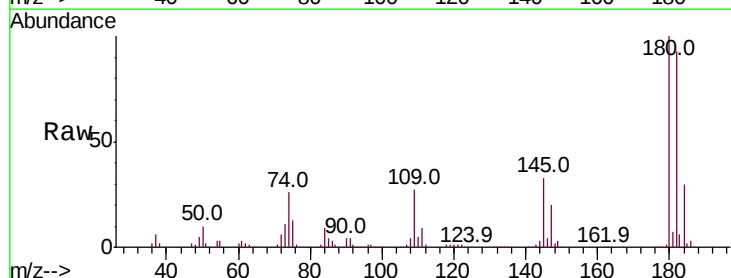


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

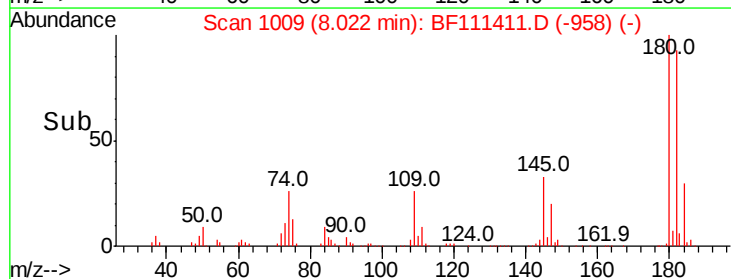
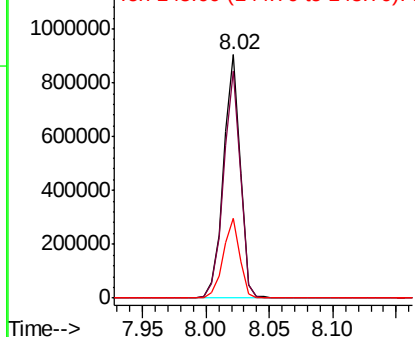


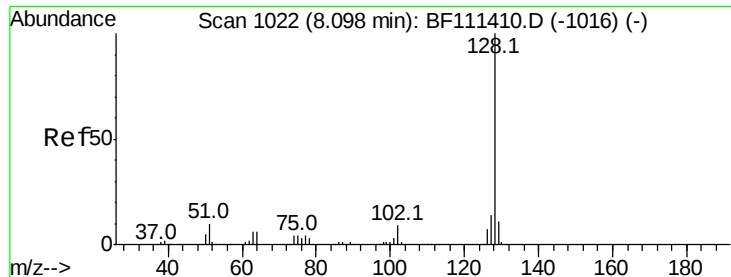
#30
 1,2,4-Trichlorobenzene
 Concen: 48.291 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion:180 Resp: 835294
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.6 113.4
 145 32.7 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

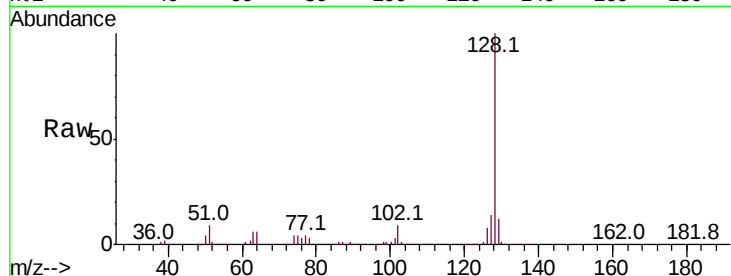




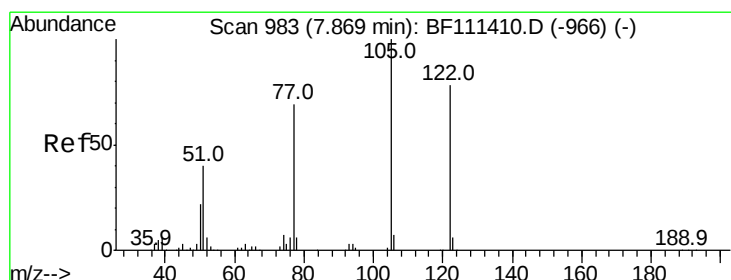
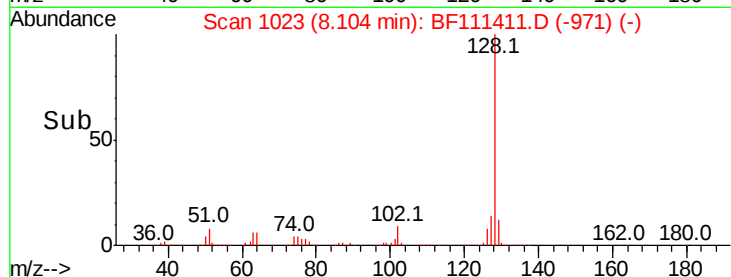
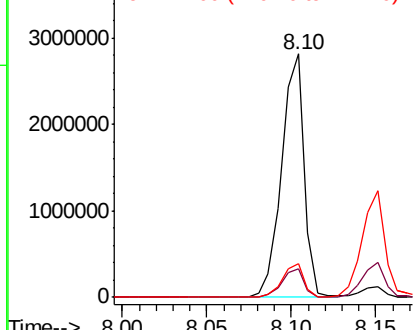
#31
Naphthalene
Concen: 47.471 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2617500
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 14.0 12.0 18.0

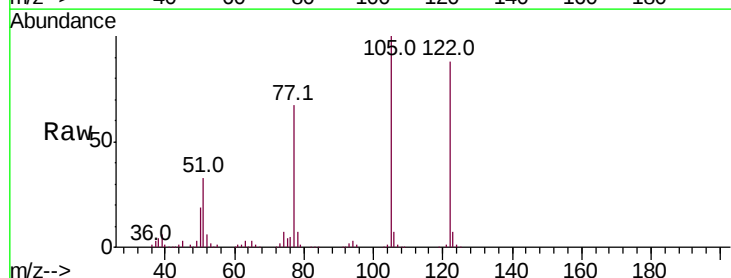


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

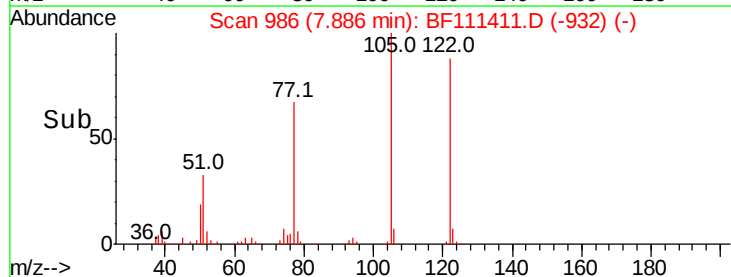
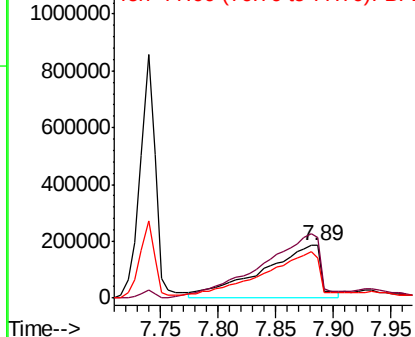


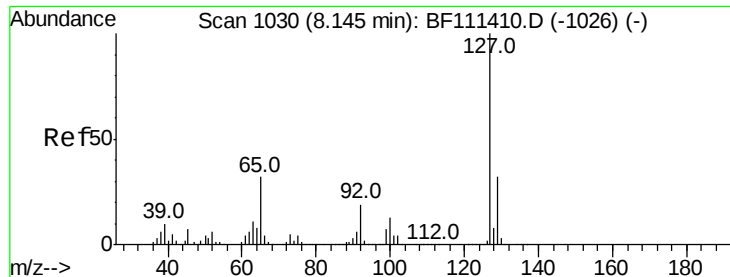
#32
Benzoic acid
Concen: 48.501 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:122 Resp: 650648
Ion Ratio Lower Upper
122 100
105 114.1 97.0 137.0
77 77.0 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

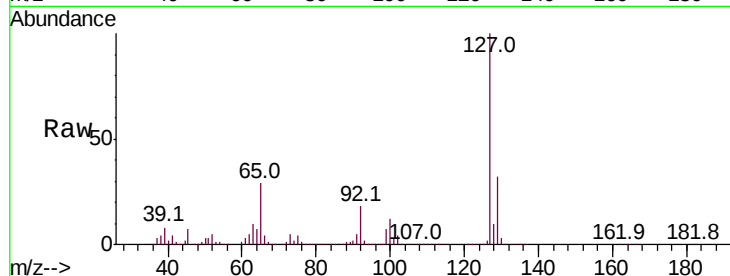




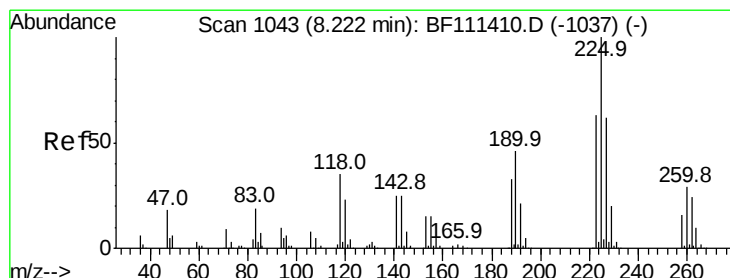
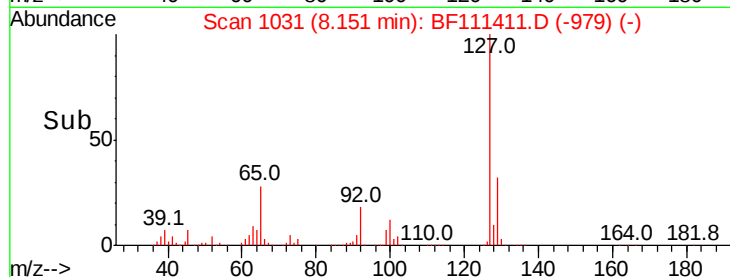
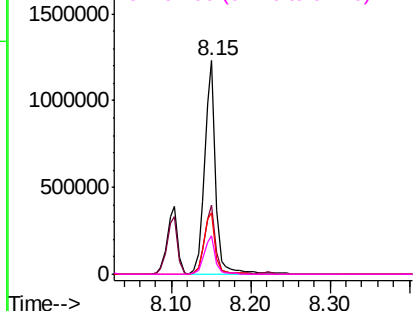
#33
4-Chloroaniline
Concen: 51.163 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1204796
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 28.6 25.7 38.5
92 17.8 15.4 23.2

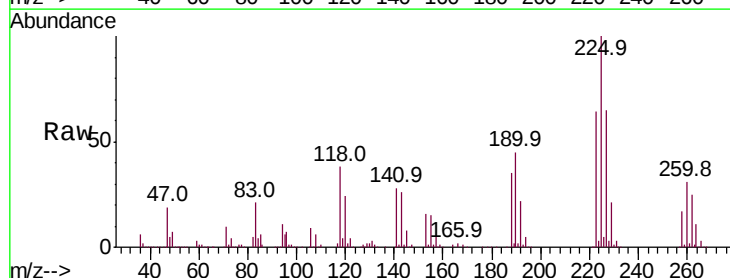


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

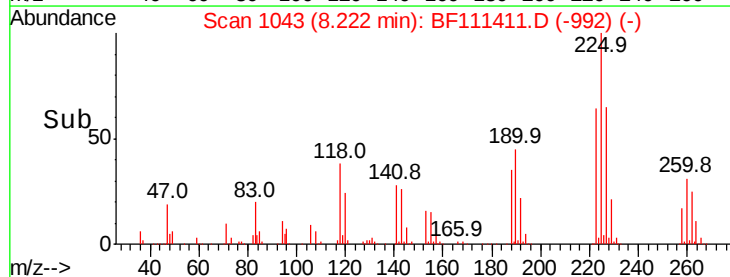
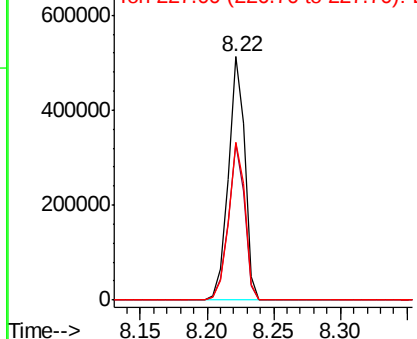


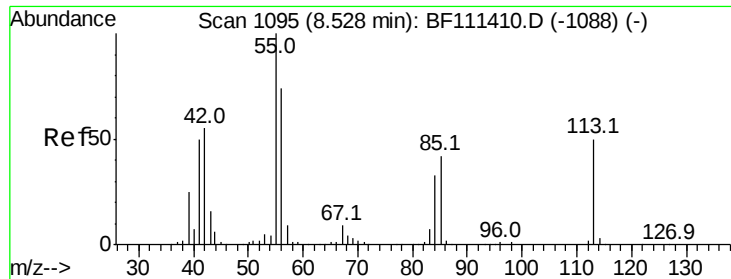
#34
Hexachlorobutadiene
Concen: 46.843 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:225 Resp: 449489
Ion Ratio Lower Upper
225 100
223 64.4 50.7 76.1
227 64.6 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

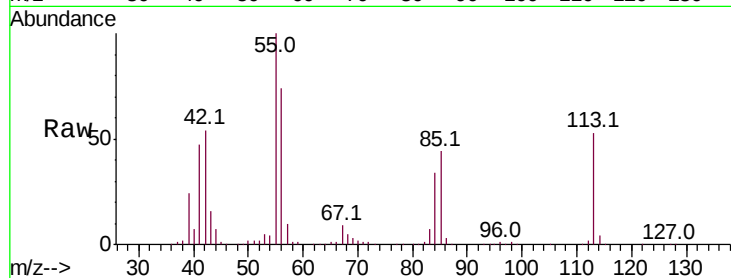




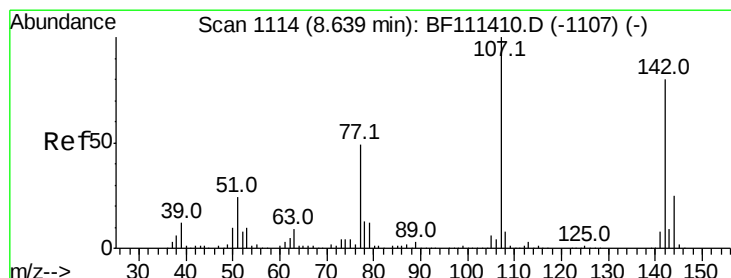
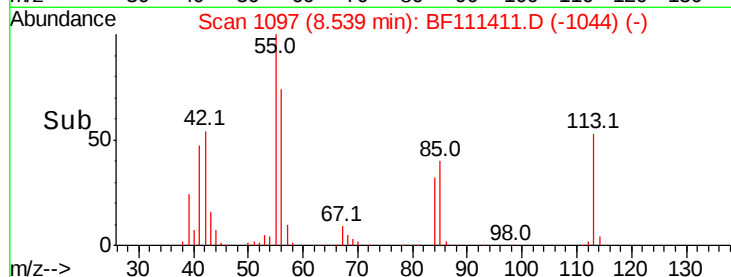
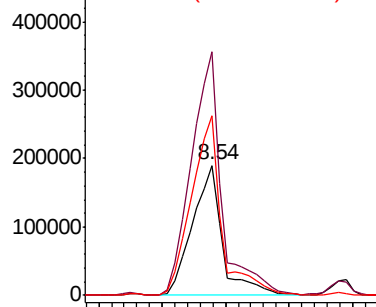
#35
Caprolactam
Concen: 52.544 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 309939
Ion Ratio Lower Upper
113 100
55 187.5 184.1 224.1
56 137.8 126.0 166.0

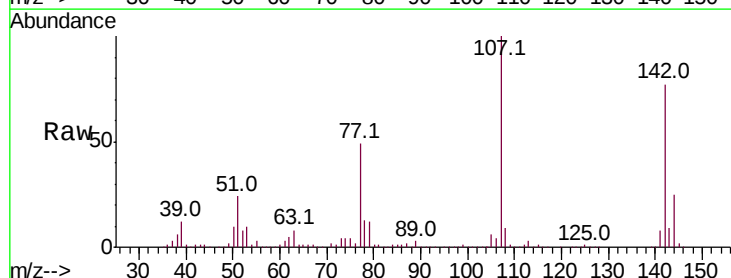


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

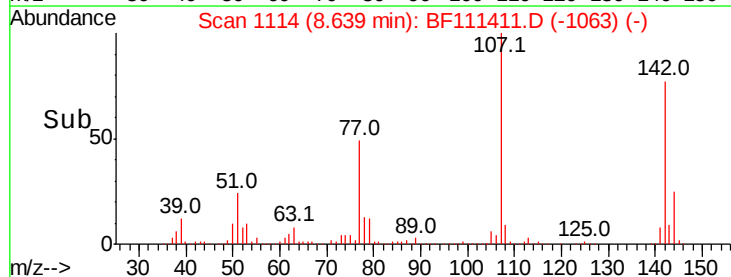
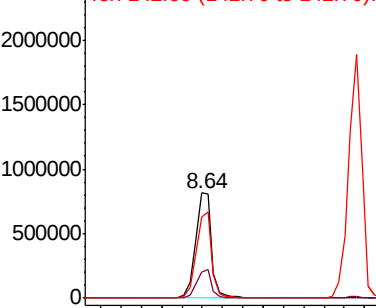


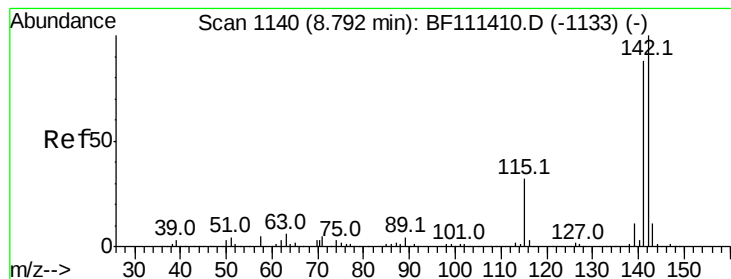
#36
4-Chloro-3-methylphenol
Concen: 49.252 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:107 Resp: 883513
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.6
142 77.2 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

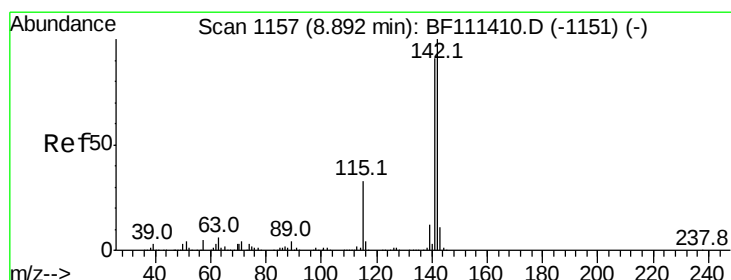
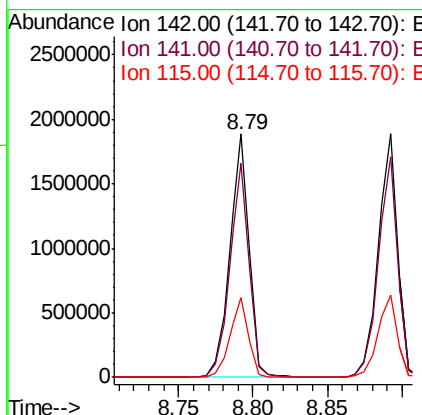
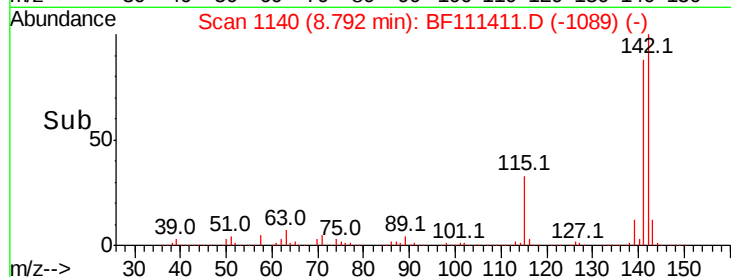
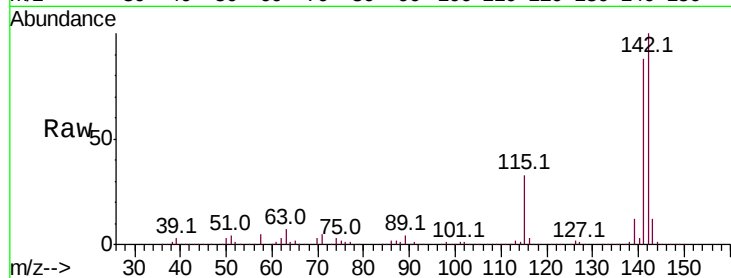




#37
 2-Methylnaphthalene
 Concen: 48.438 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

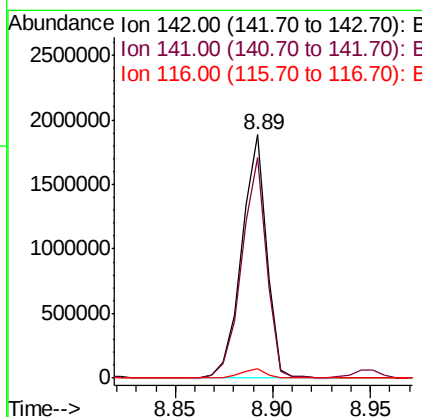
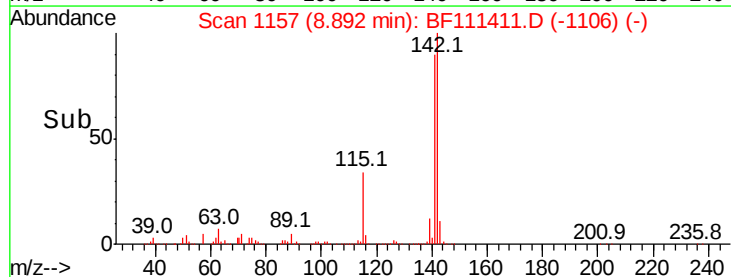
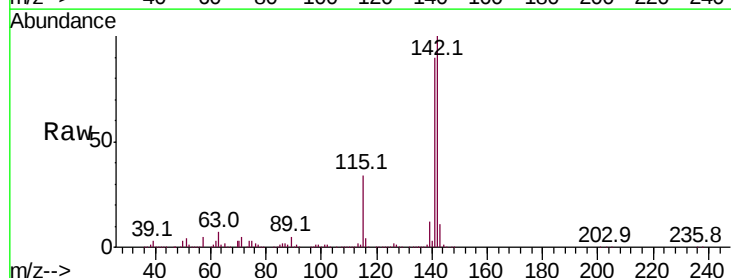
Instrument :
 BNA_F
 ClientSampleId :

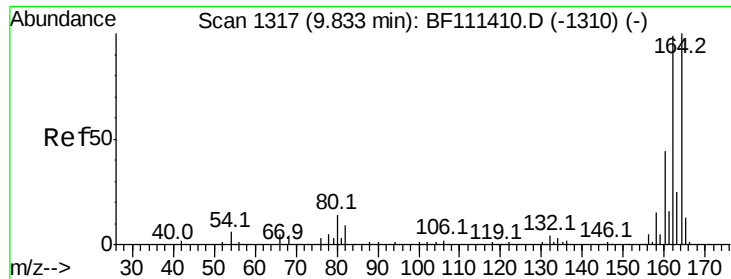
Tot Ion:142 Resp: 1726498
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.6 105.8
 115 32.7 27.0 40.6



#38
 1-Methylnaphthalene
 Concen: 48.179 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion:142 Resp: 1657438
 Ion Ratio Lower Upper
 142 100
 141 90.5 74.2 111.4
 116 3.7 2.9 4.3

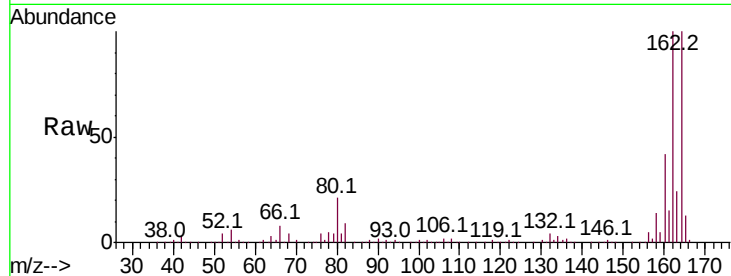




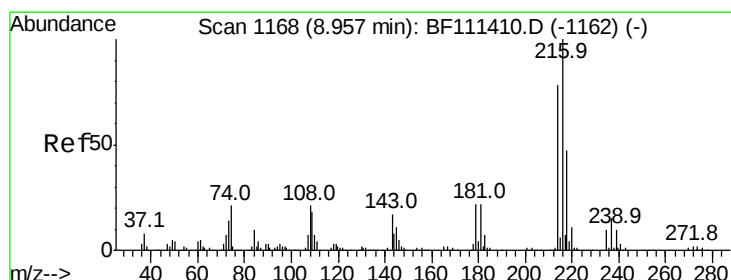
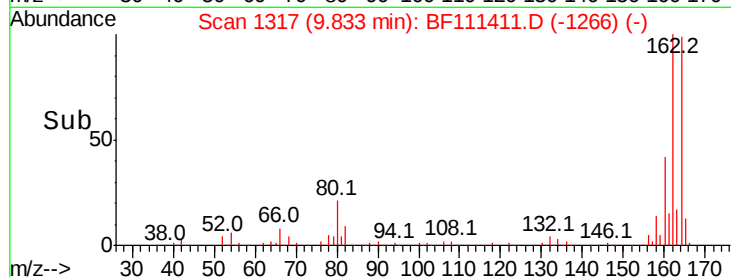
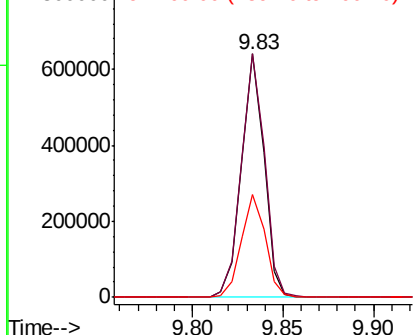
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 559281
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 42.0 35.7 53.5

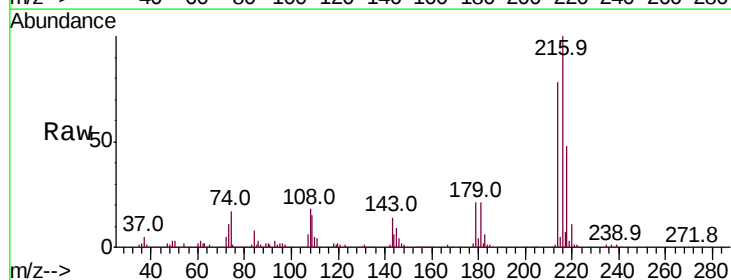


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

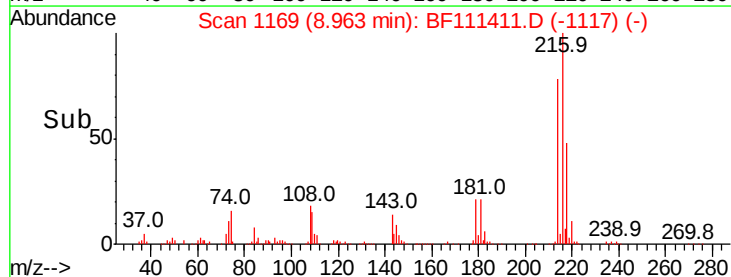
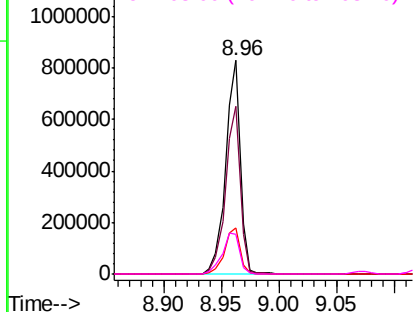


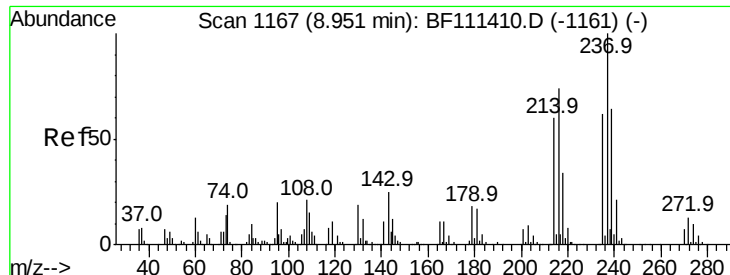
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.605 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:216 Resp: 732664
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.8
179 22.3 17.9 26.9
108 22.4 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: 50.585 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

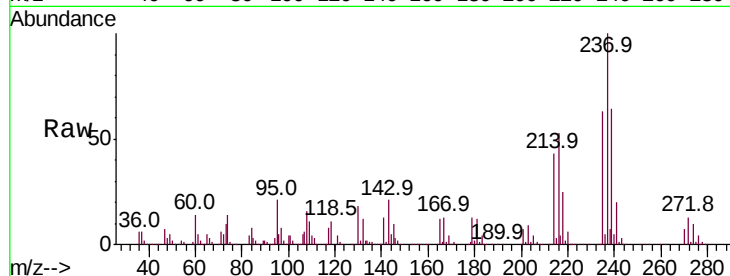
Tot Ion:237 Resp: 415252

Ion Ratio Lower Upper

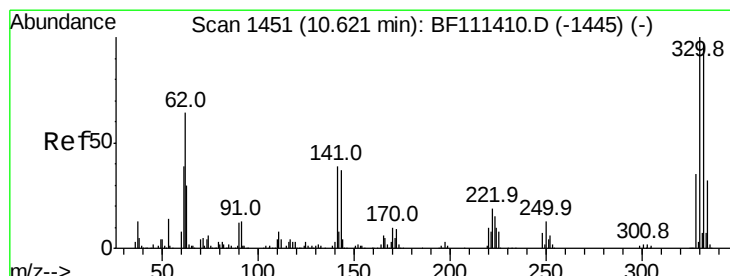
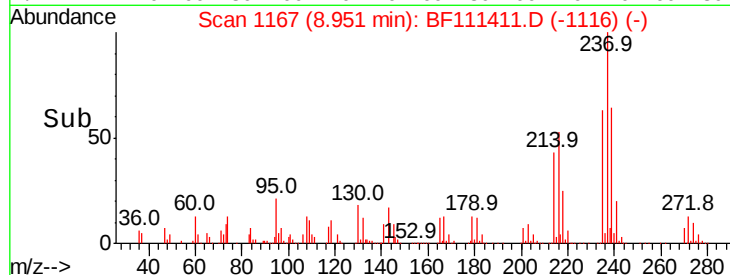
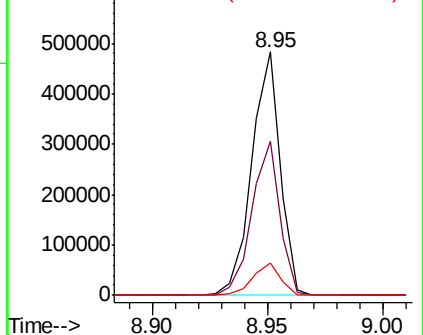
237 100

235 63.1 43.1 83.1

272 13.5 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: 98.252 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

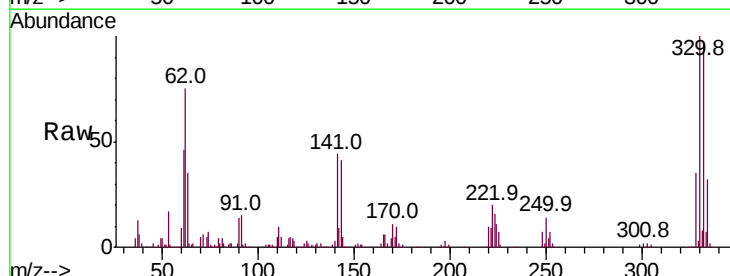
Tgt Ion:330 Resp: 484395

Ion Ratio Lower Upper

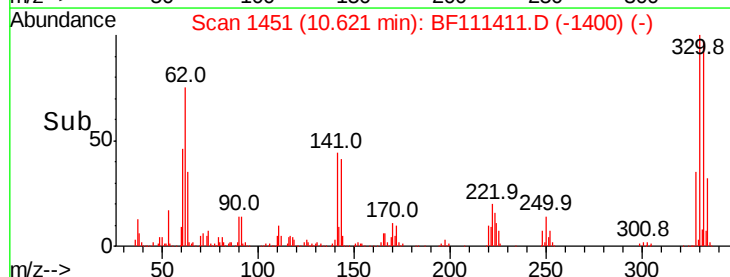
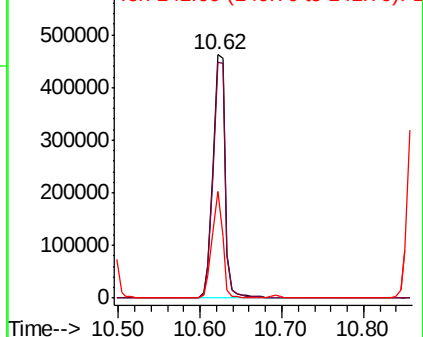
330 100

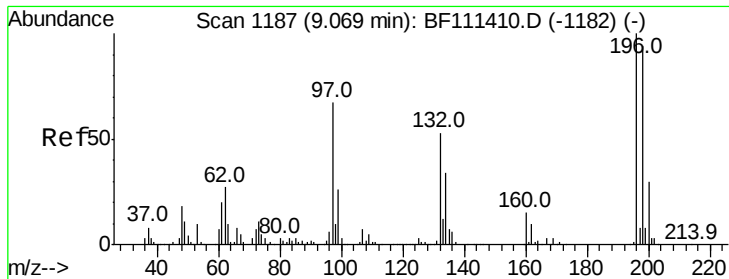
332 96.1 76.0 114.0

141 38.0 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

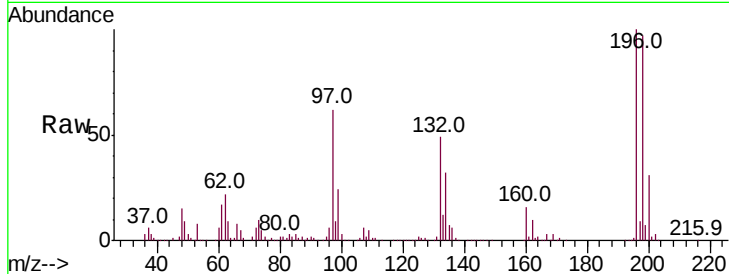




#43
 2,4,6-Trichlorophenol
 Concen: 47.662 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.3	114.5
200	31.4	24.9	37.3

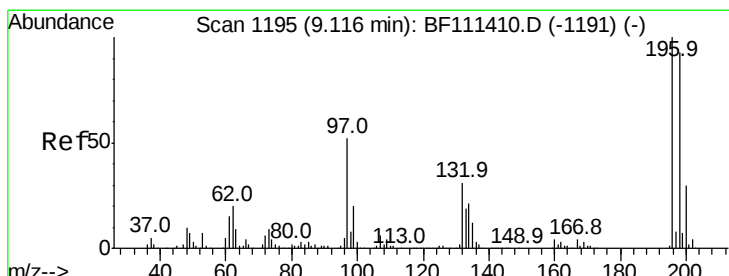
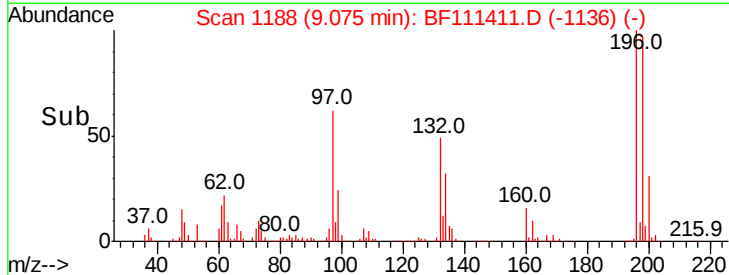
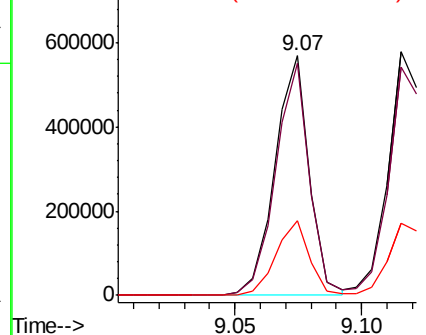


Abundance

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: 49.007 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	72.9	109.3
97	57.4	45.3	67.9
132	33.5	25.5	38.3

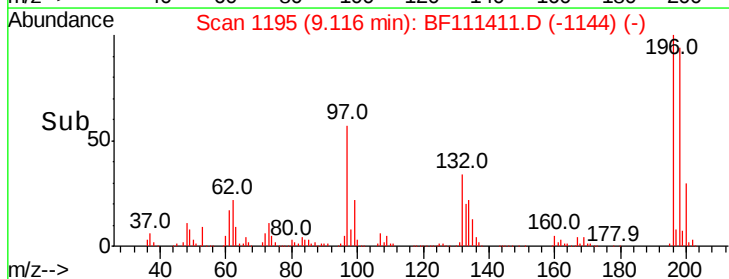
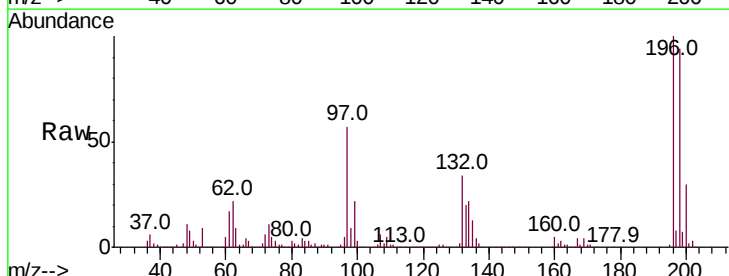
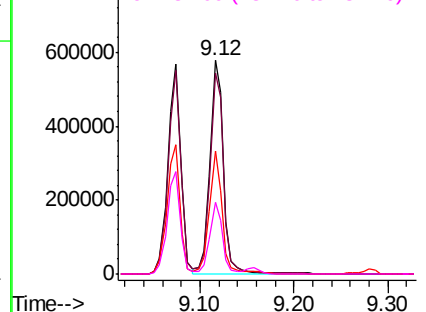
Abundance

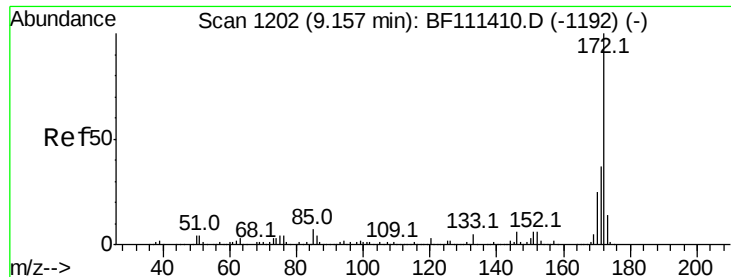
Ion 196.00 (195.70 to 196.70): E

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



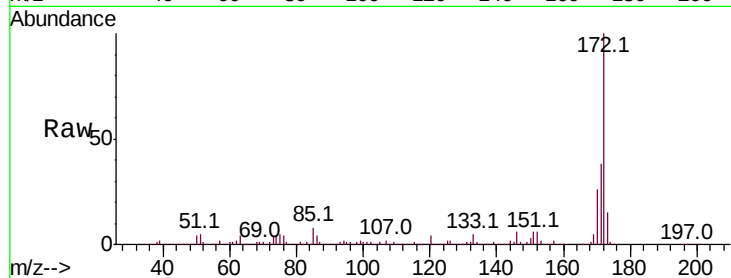


#45
 2-Fluorobiphenyl
 Concen: 93.900 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

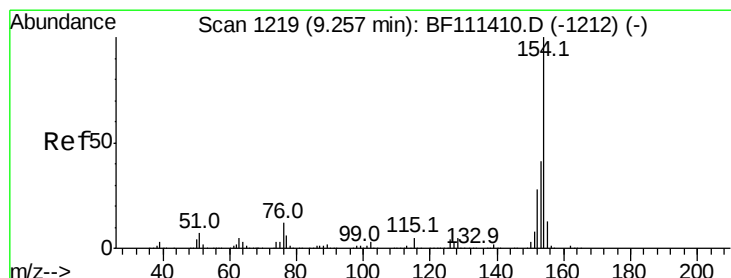
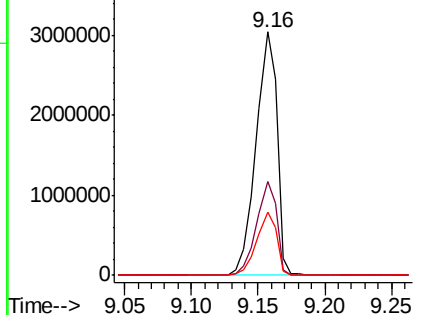
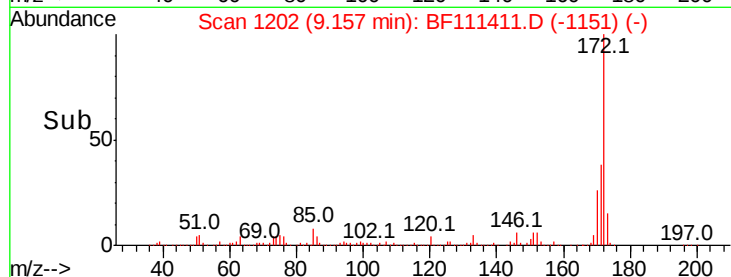
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3271057

Ion	Ratio	Lower	Upper
172	100		
171	38.5	33.0	49.4
170	25.8	22.3	33.5



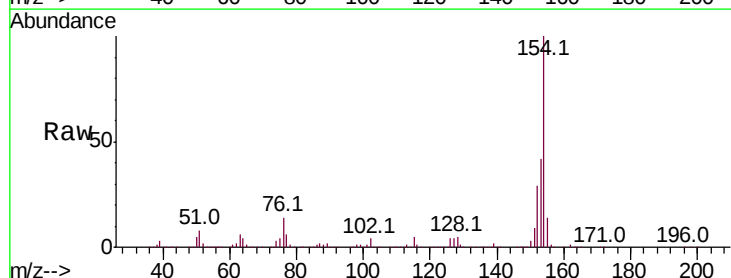
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



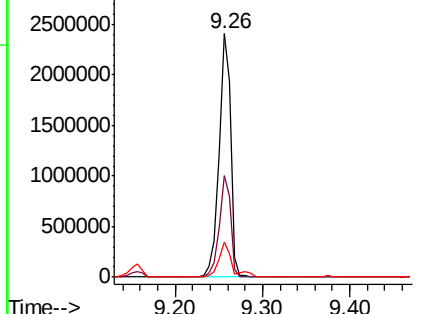
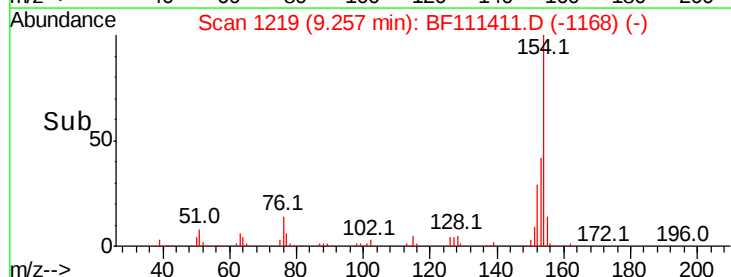
#46
 1,1'-Biphenyl
 Concen: 46.868 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

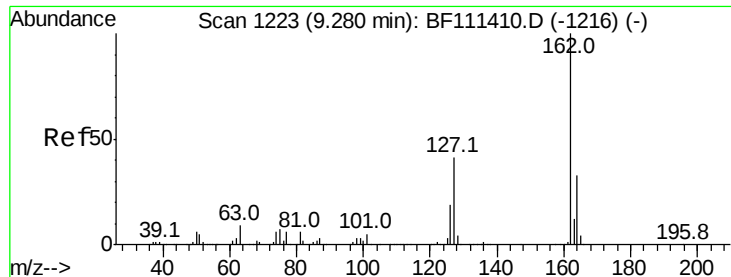
Tgt Ion:154 Resp: 2236497

Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.7	63.7
76	14.2	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

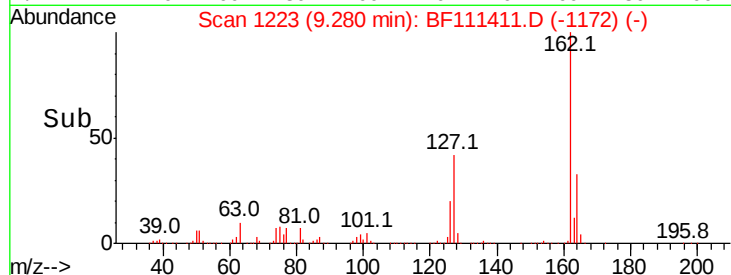
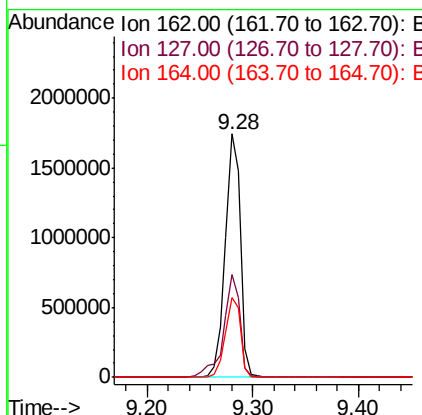
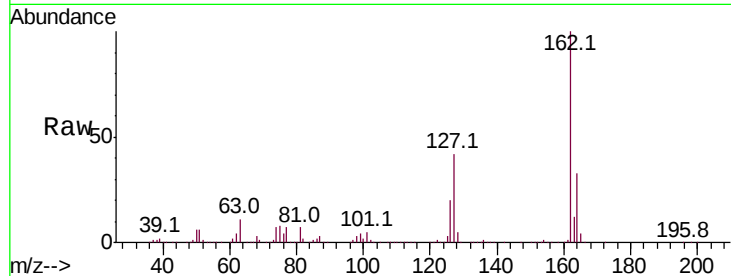




#47
2-Chloronaphthalene
Concen: 47.925 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

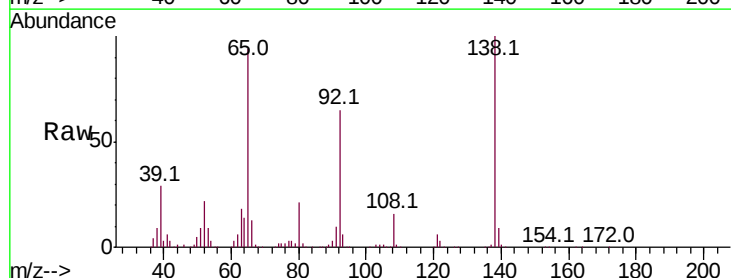
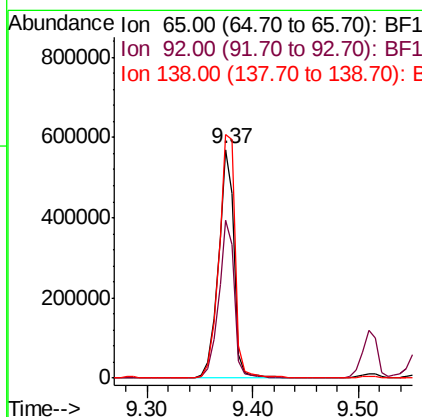
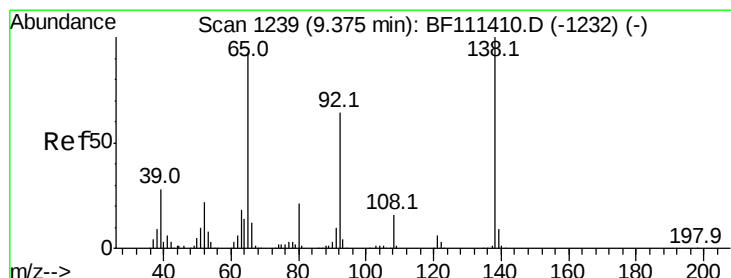
Instrument :
BNA_F
ClientSampleId :

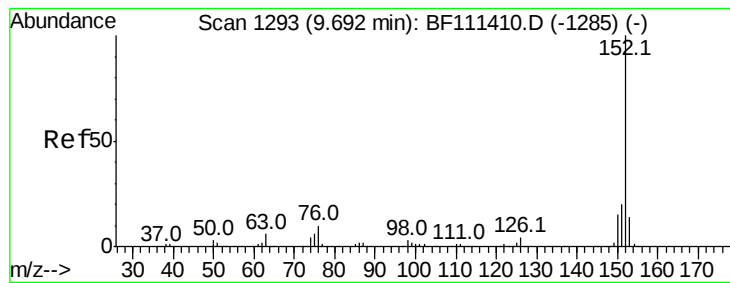
Tot Ion:162 Resp: 1751406
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 32.9 28.4 42.6



#48
2-Nitroaniline
Concen: 50.256 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 65 Resp: 596822
Ion Ratio Lower Upper
65 100
92 69.1 53.5 80.3
138 106.6 80.9 121.3





#49

Acenaphthylene

Concen: 47.475 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

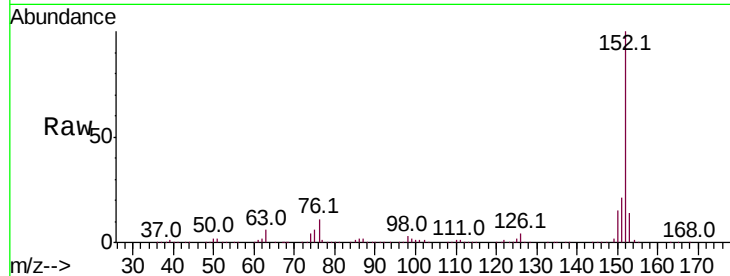
Tot Ion:152 Resp: 2534751

Ion Ratio Lower Upper

152 100

151 21.4 18.0 27.0

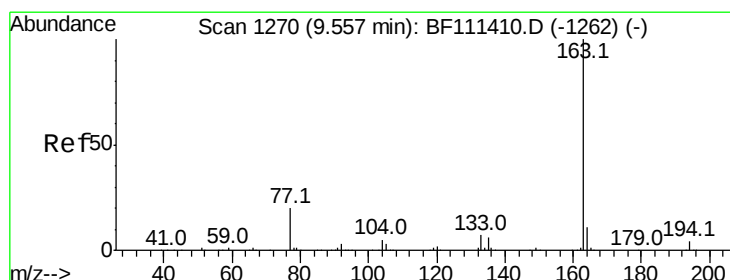
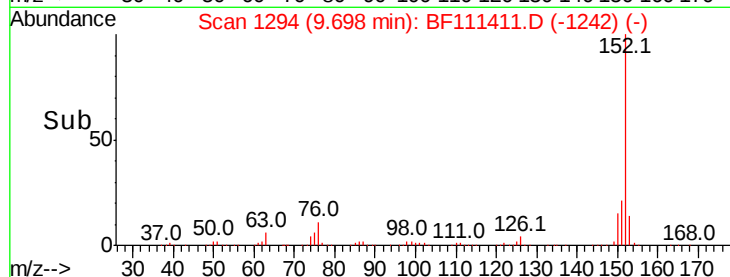
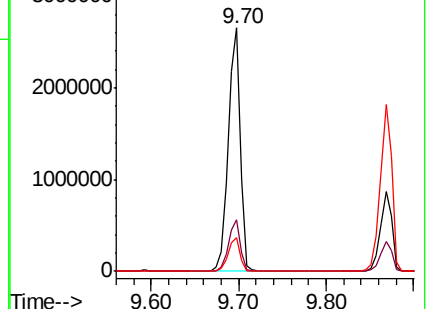
153 14.1 12.3 18.5



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: 48.622 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

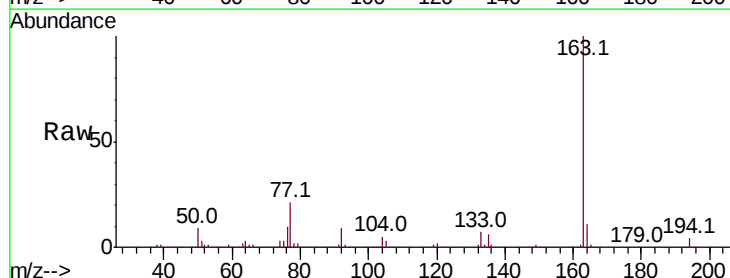
Tgt Ion:163 Resp: 1955509

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

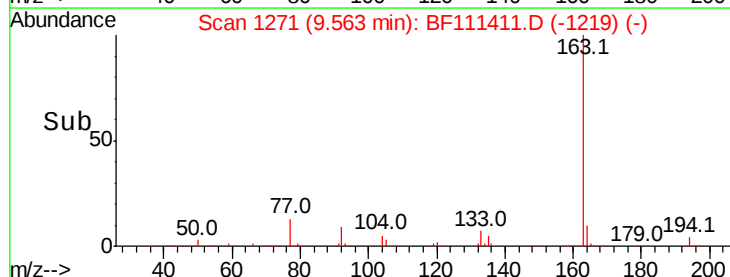
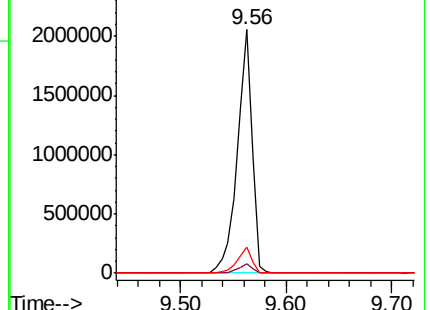
164 10.7 8.9 13.3

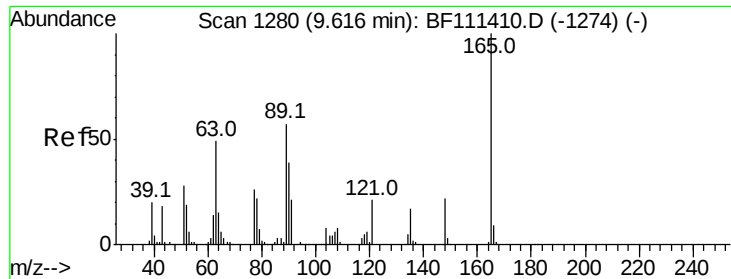


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

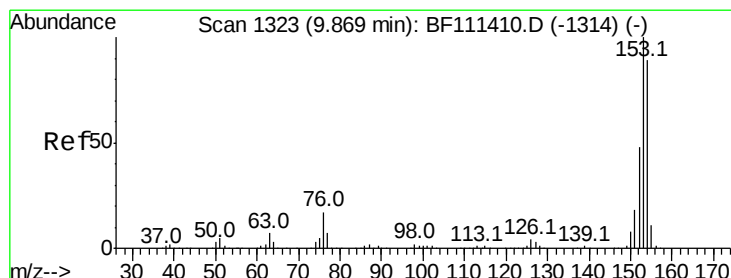
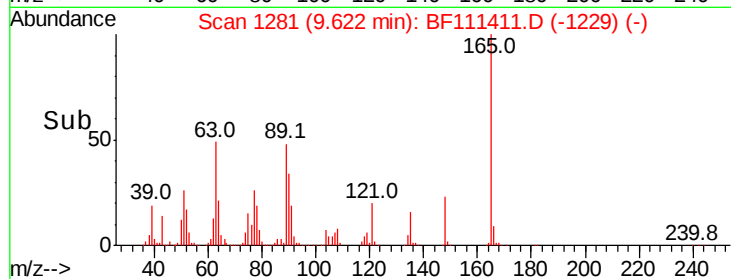
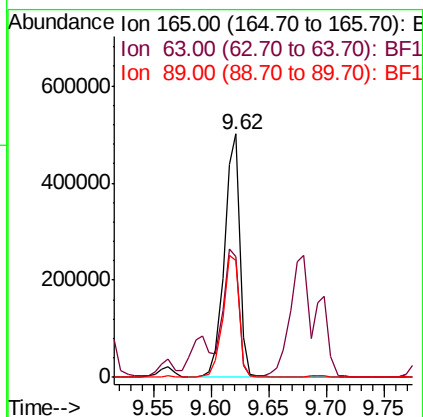
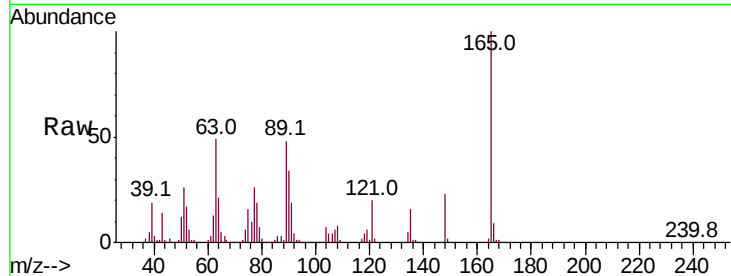




#51
2,6-Dinitrotoluene
Concen: 52.090 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

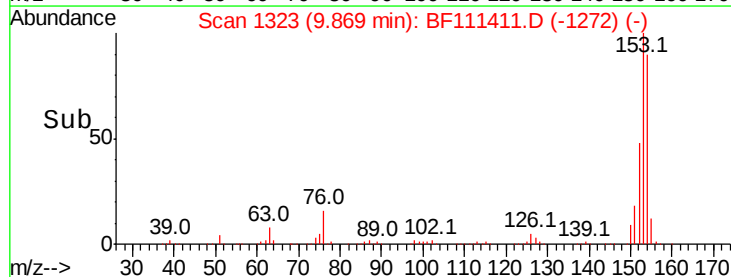
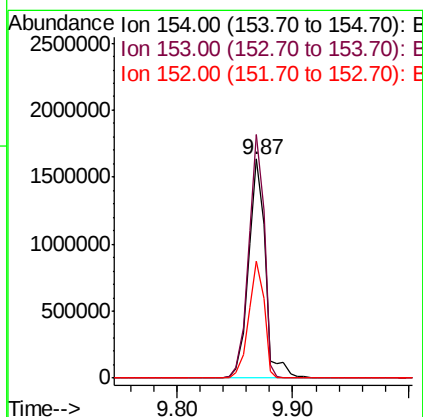
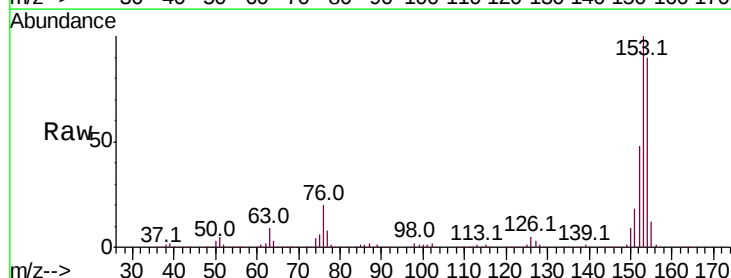
Instrument :
BNA_F
ClientSampleId :

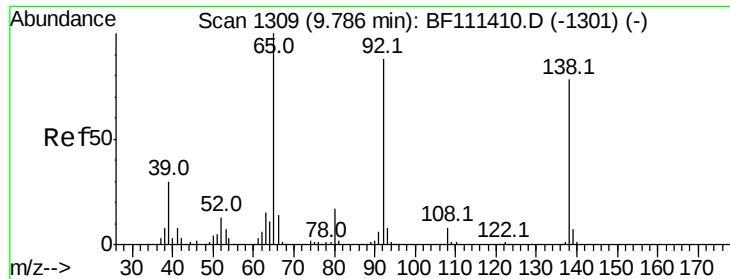
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.4	40.5	60.7
89	48.2	40.0	60.0



#52
Acenaphthene
Concen: 48.672 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.8	131.8
152	53.5	43.4	65.2

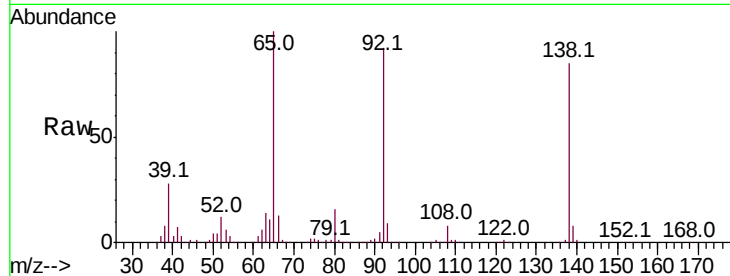




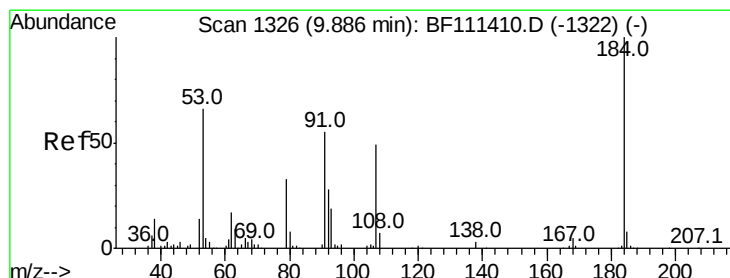
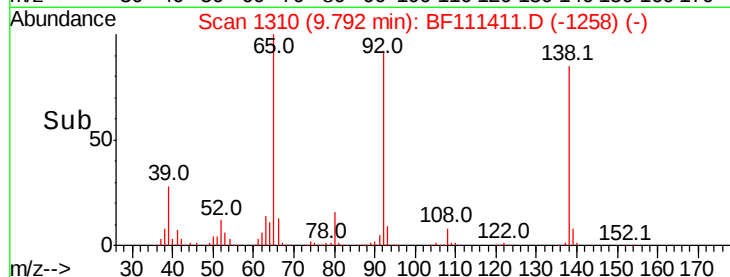
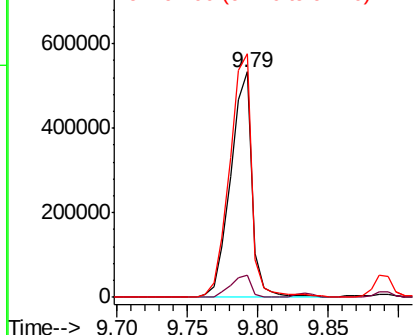
#53
3-Nitroaniline
Concen: 52.749 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 565233
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.4
92 108.0 93.4 140.2

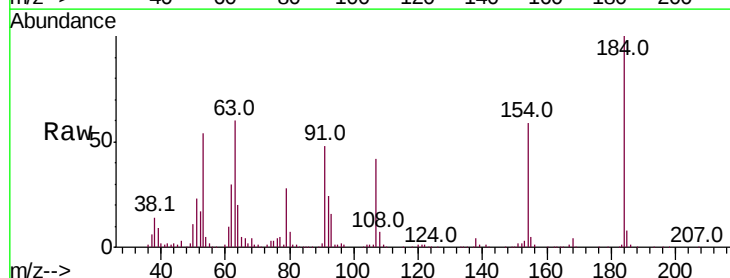


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

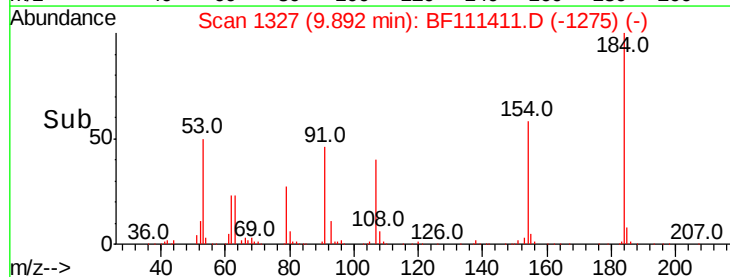
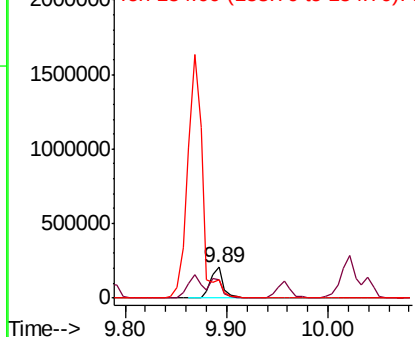


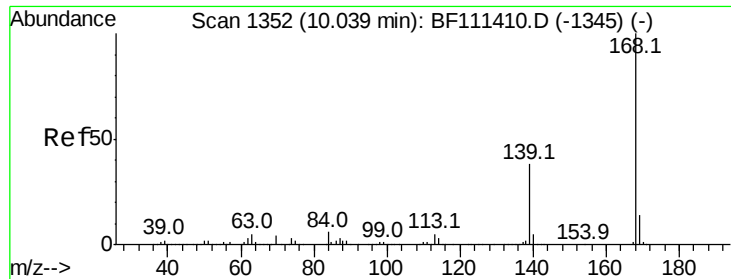
#54
2,4-Dinitrophenol
Concen: 54.645 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:184 Resp: 191126
Ion Ratio Lower Upper
184 100
63 60.3 62.3 93.5#
154 58.8 56.2 84.2



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

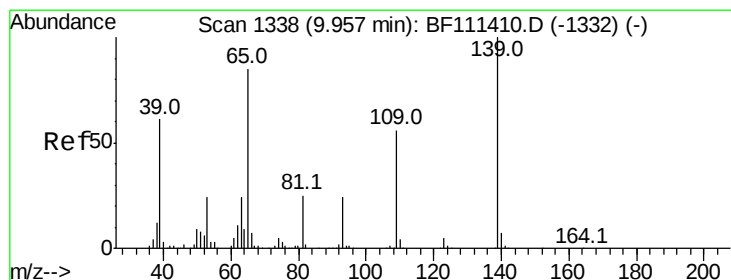
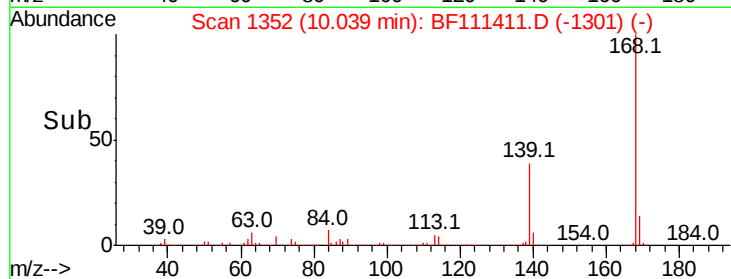
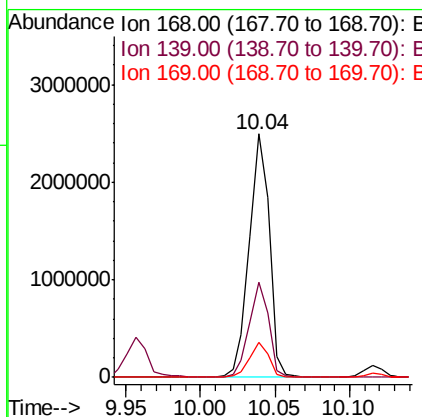
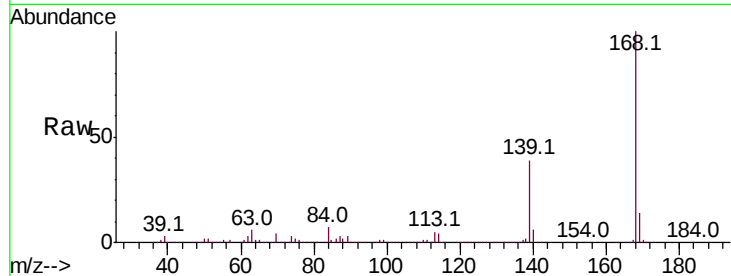




#55
Dibenzofuran
Concen: 48.008 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

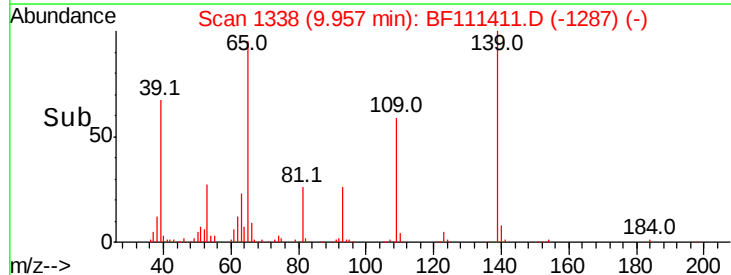
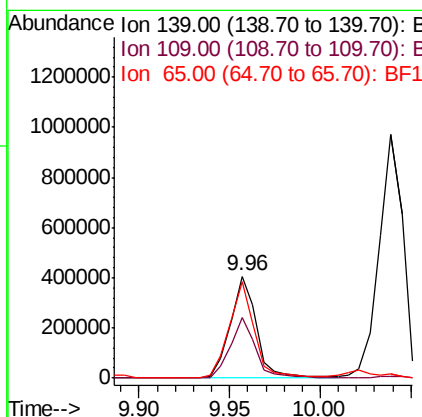
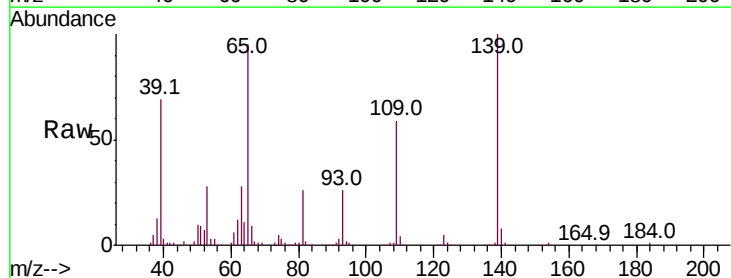
Instrument :
BNA_F
ClientSampleId :

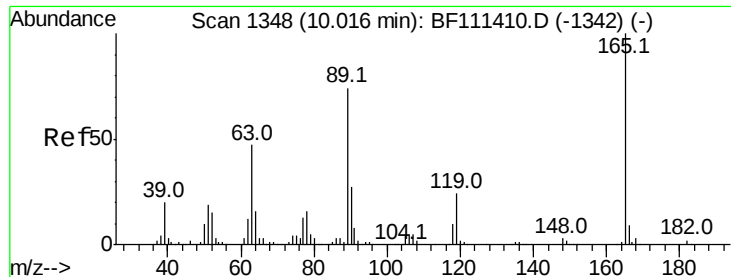
Tot Ion:168 Resp: 2333932
Ion Ratio Lower Upper
168 100
139 38.9 32.6 49.0
169 14.4 11.8 17.6



#56
4-Nitrophenol
Concen: 53.247 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:139 Resp: 410893
Ion Ratio Lower Upper
139 100
109 59.1 41.8 81.8
65 95.0 79.6 119.6

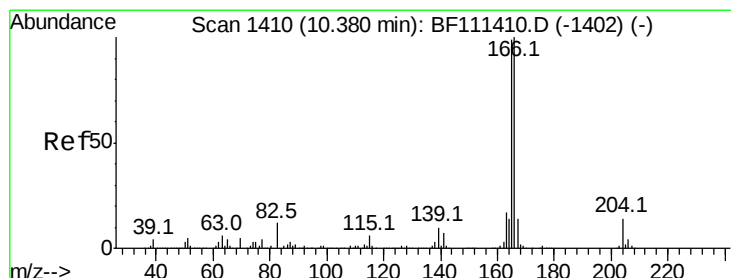
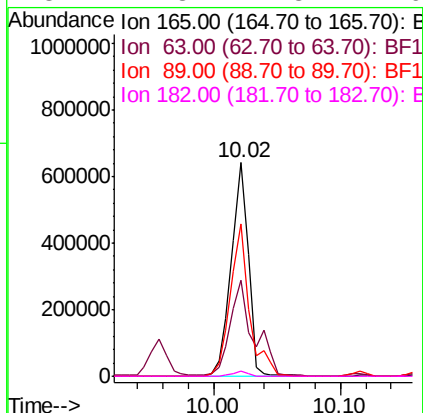
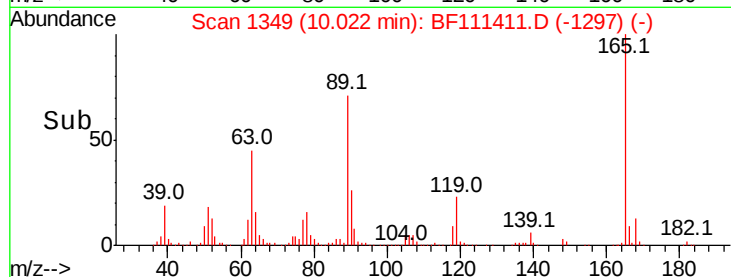
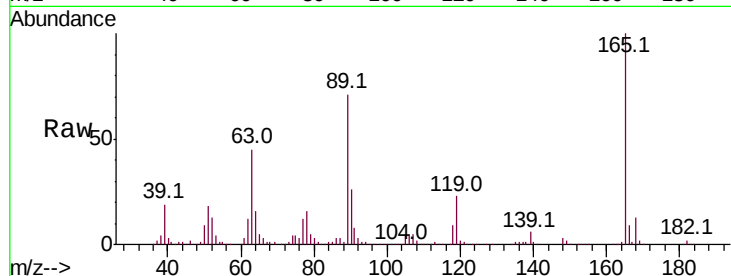




#57
2,4-Dinitrotoluene
Concen: 52.457 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

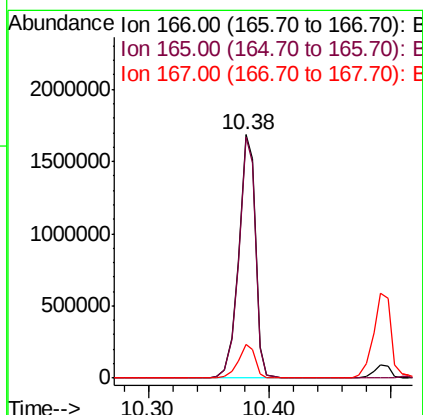
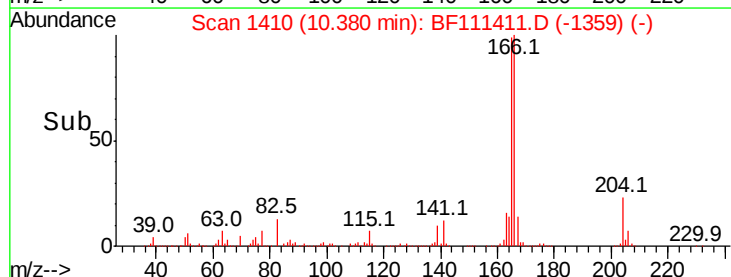
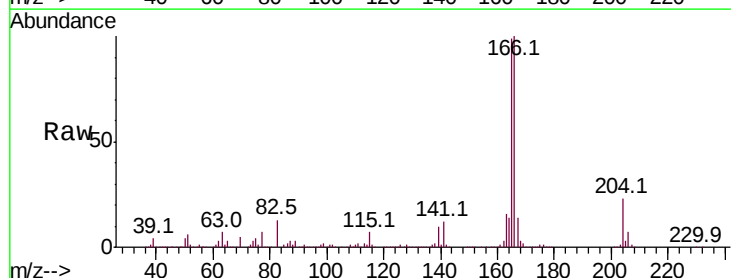
Instrument :
BNA_F
ClientSampled :

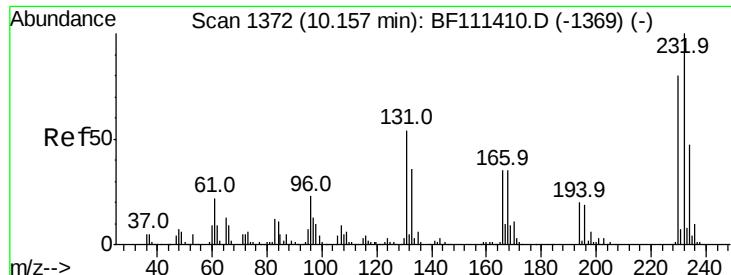
Tot Ion:	165	Resp:	599357
Ion	Ratio	Lower	Upper
165	100		
63	45.2	34.6	52.0
89	71.3	56.2	84.4
182	2.3	1.8	2.6



#58
Fluorene
Concen: 47.097 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:	166	Resp:	1637952
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.4	117.6
167	13.9	11.2	16.8

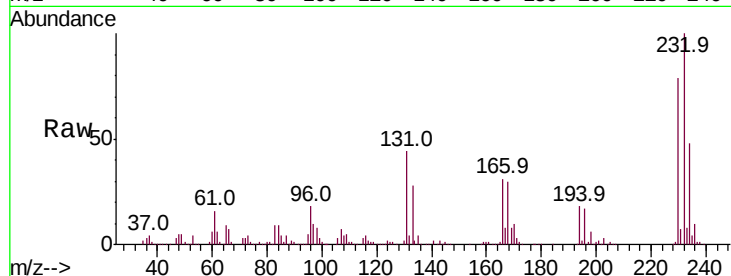




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.005 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	40.9	61.3
130	2.1	2.0	3.0
166	32.5	26.8	40.2



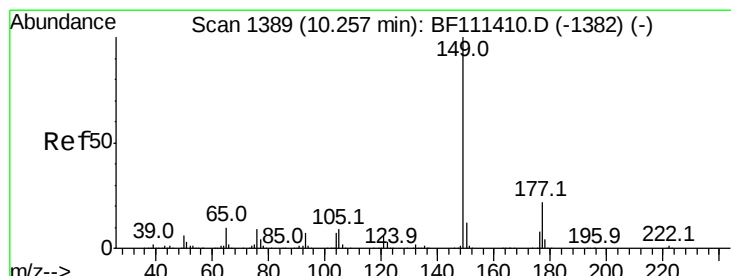
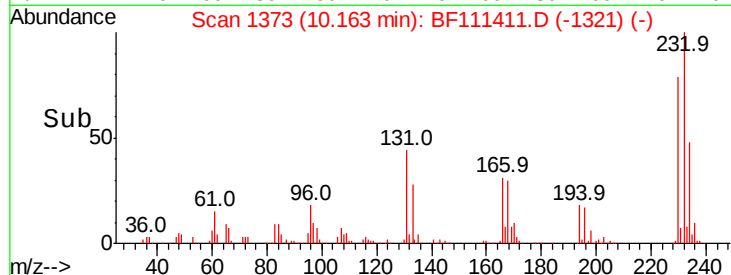
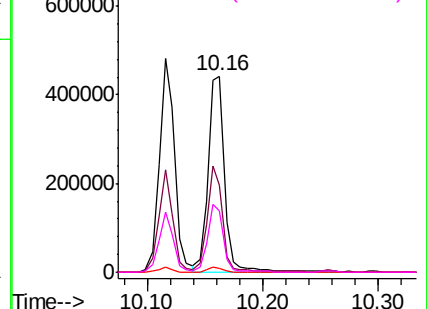
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

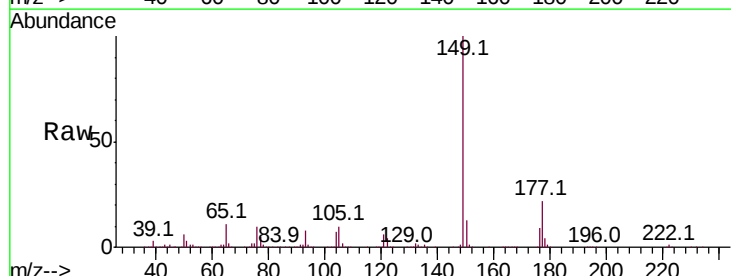
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 47.306 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	13.1	10.6	15.8

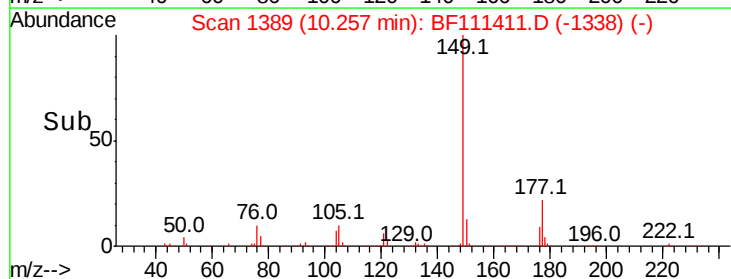
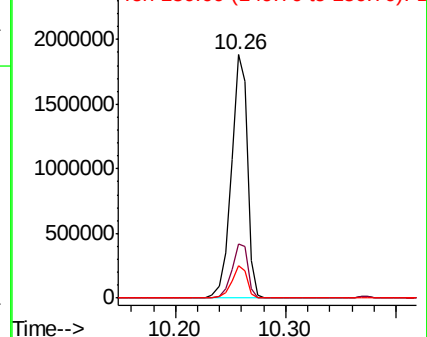


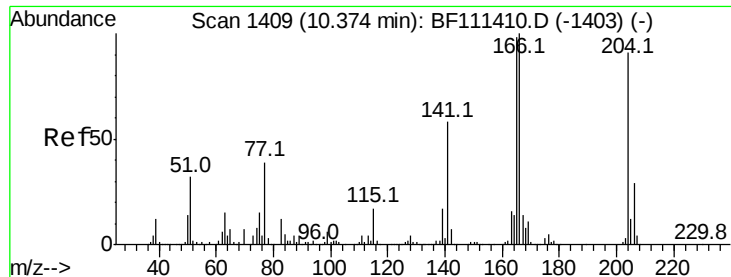
Abundance

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

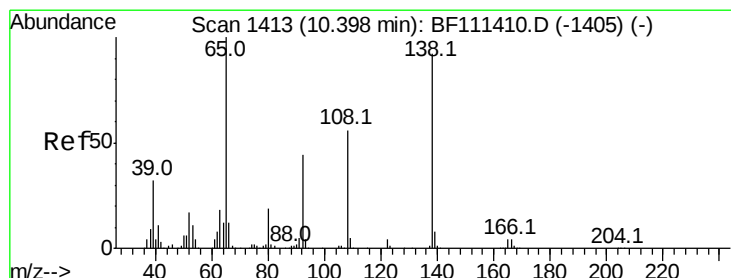
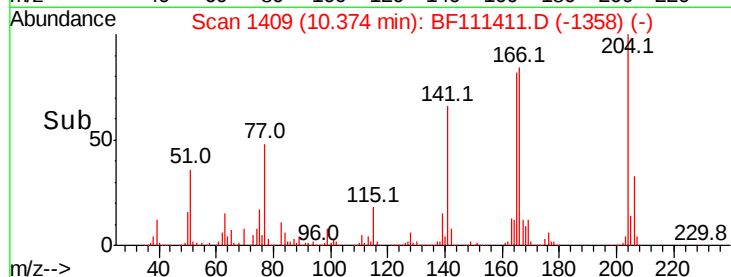
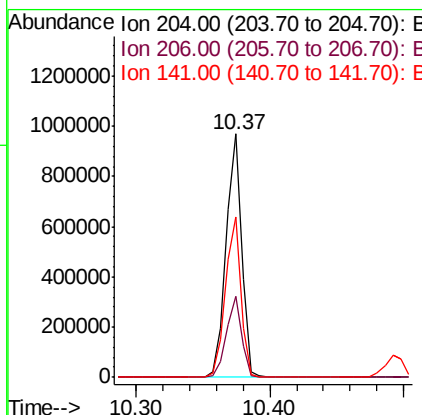
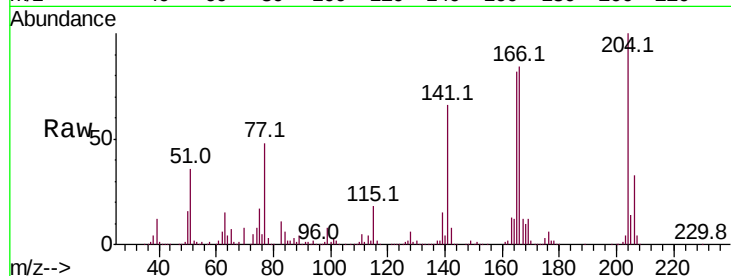




#61
 4-Chlorophenyl-phenylether
 Concen: 46.837 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

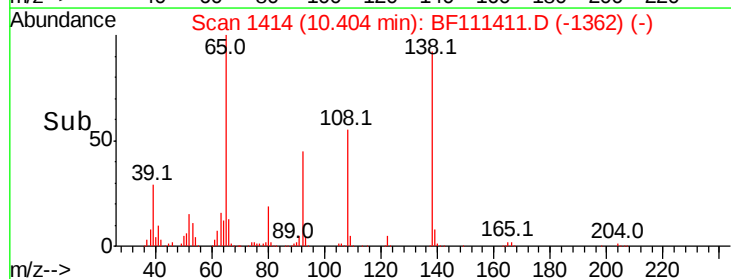
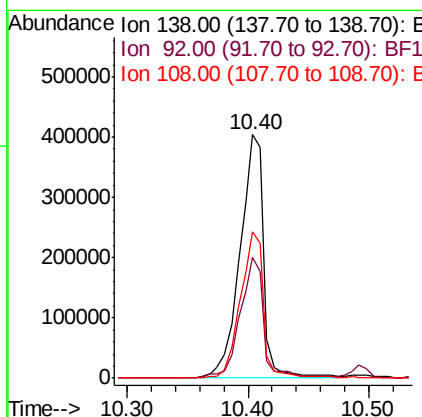
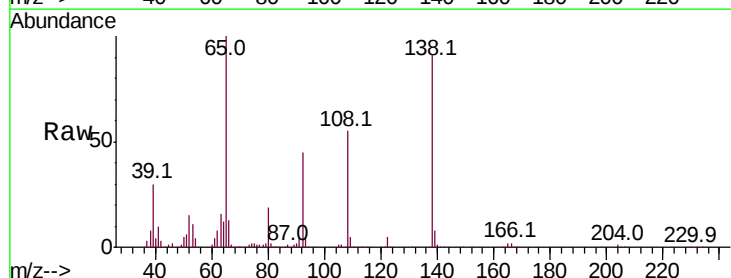
Instrument :
 BNA_F
 ClientSampleId :

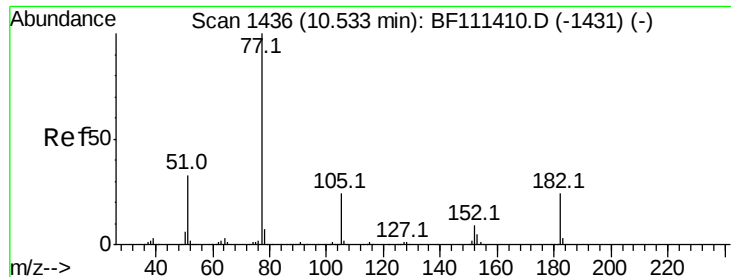
Tot Ion:204 Resp: 807513
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.6 39.8
 141 65.6 52.6 78.8



#62
 4-Nitroaniline
 Concen: 53.714 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion:138 Resp: 553234
 Ion Ratio Lower Upper
 138 100
 92 49.5 29.9 69.9
 108 60.1 43.2 83.2





#63

Azobenzene

Concen: 47.534 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1940542

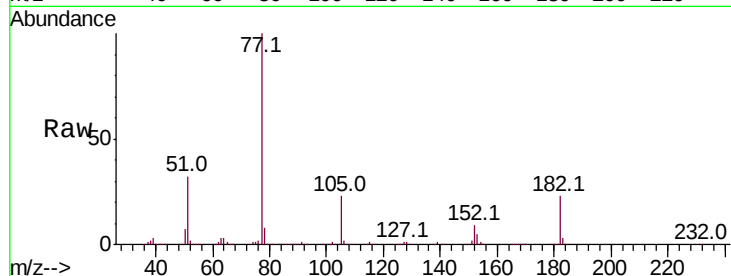
Ion Ratio Lower Upper

77 100

182 23.3 4.9 44.9

105 23.5 6.0 46.0

51 32.5 14.7 54.7

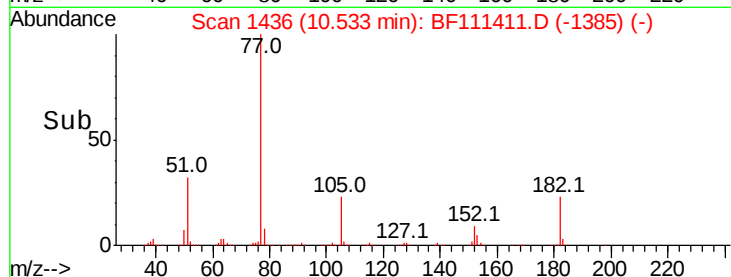


Abundance Ion 77.00 (76.70 to 77.70): BF1

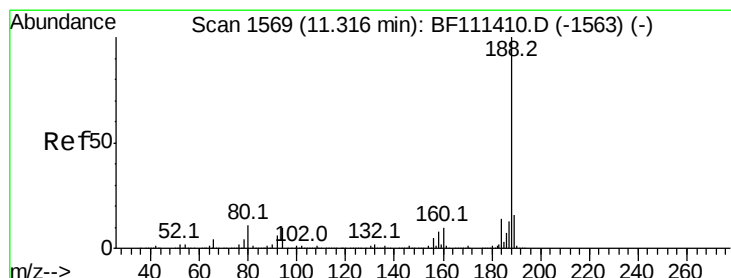
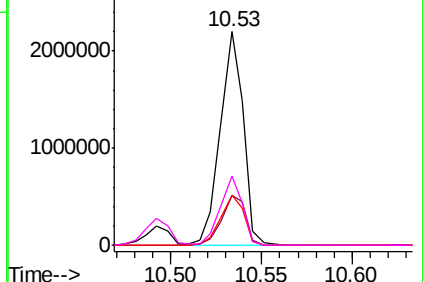
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

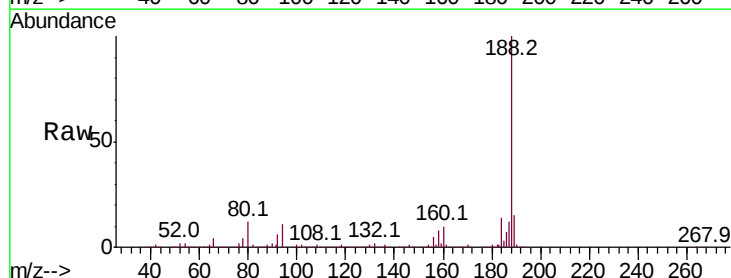
Tgt Ion: 188 Resp: 971447

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

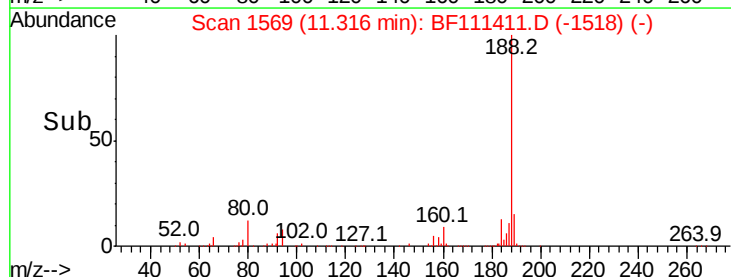
80 12.1 9.8 14.6



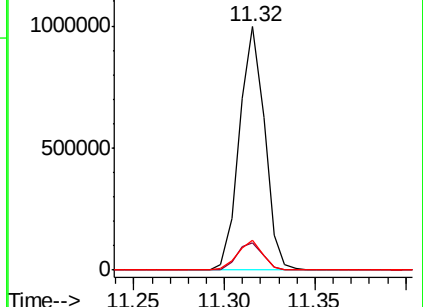
Abundance Ion 188.00 (187.70 to 188.70): BF1

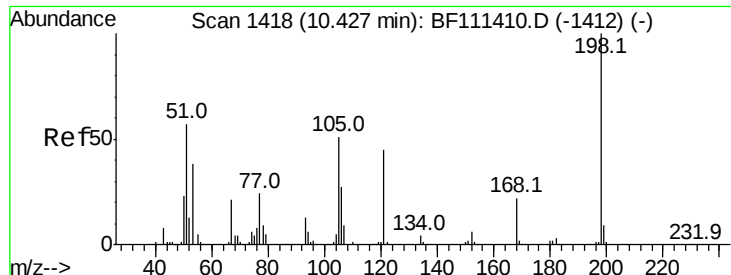
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

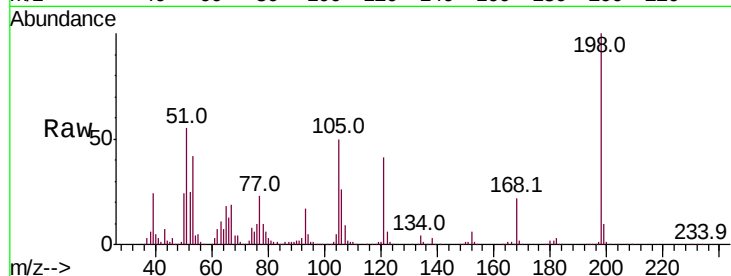




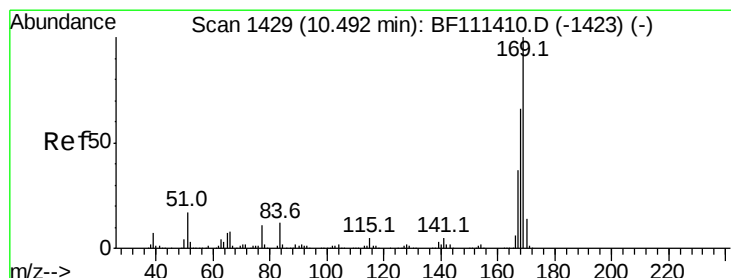
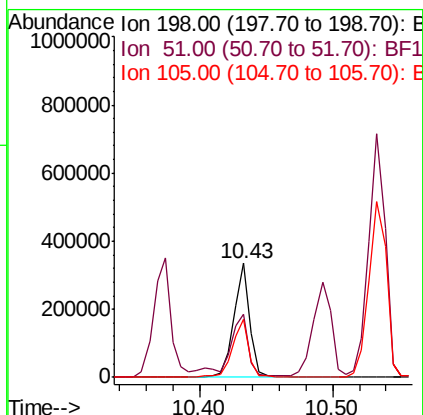
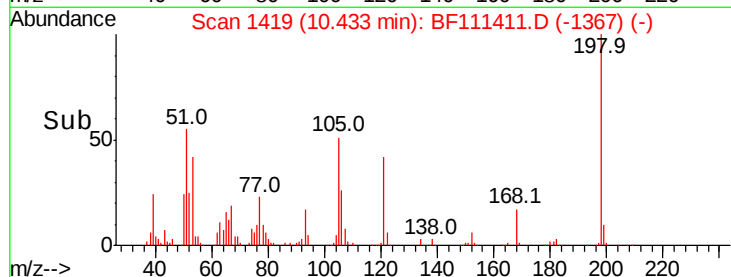
#65
4,6-Dinitro-2-methylphenol
Concen: 51.136 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 285191
Ion Ratio Lower Upper
198 100
51 55.0 48.0 88.0
105 50.4 34.0 74.0

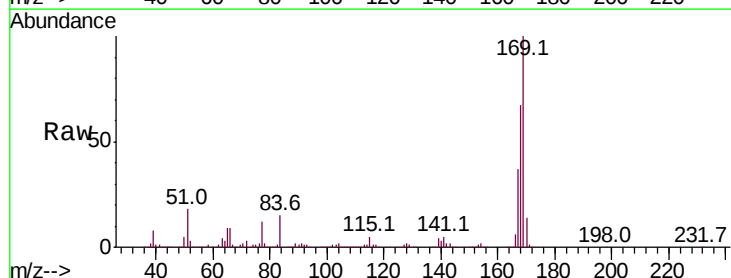


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

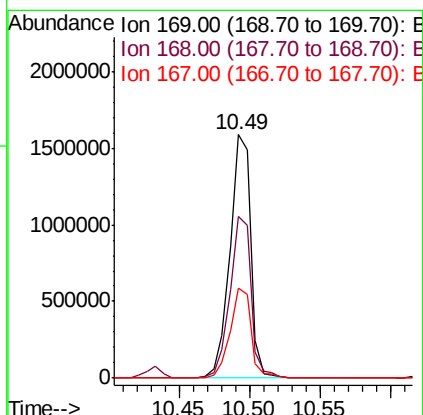
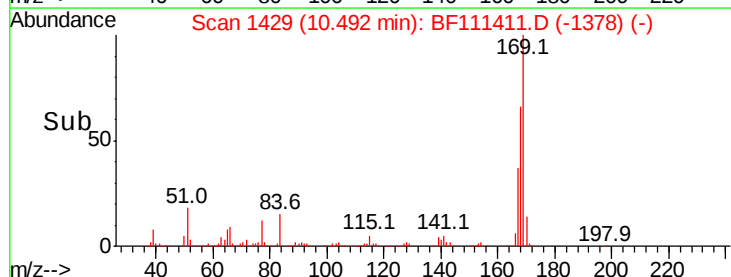


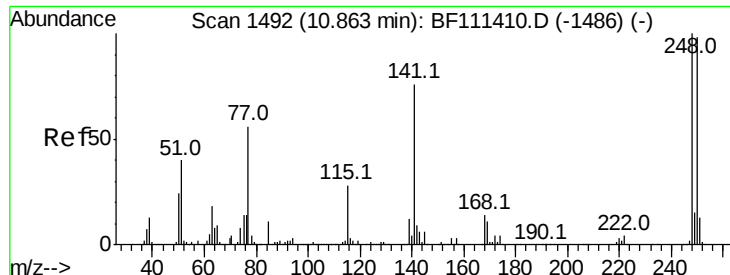
#66
n-Nitrosodiphenylamine
Concen: 47.086 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:169 Resp: 1627120
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.8 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

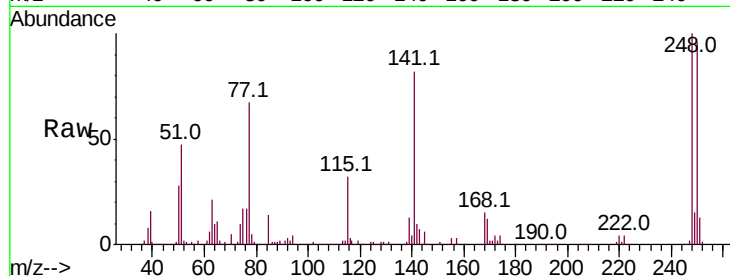




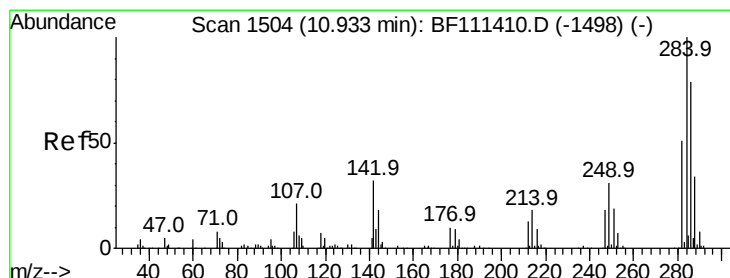
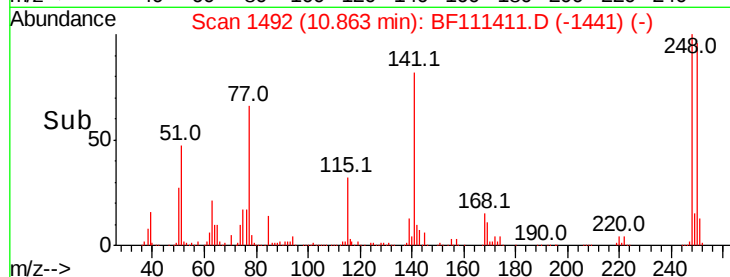
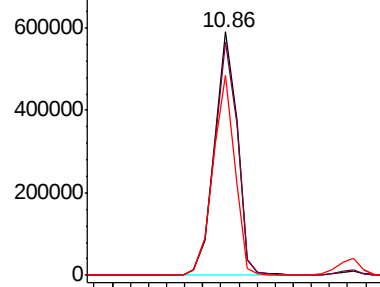
#67
4-Bromophenyl-phenylether
Concen: 47.647 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 515285
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.4
141 82.2 63.0 94.6

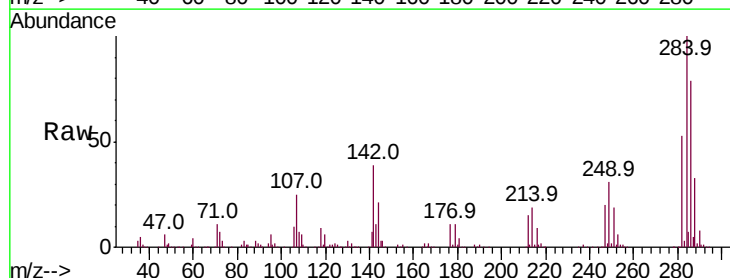


Abundance Ion 248.00 (247.70 to 248.70): E
800000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

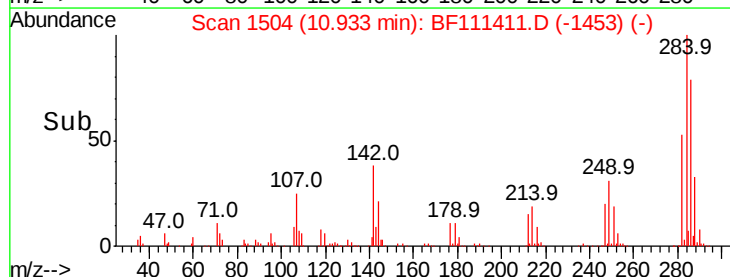
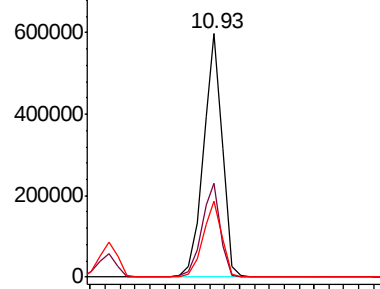


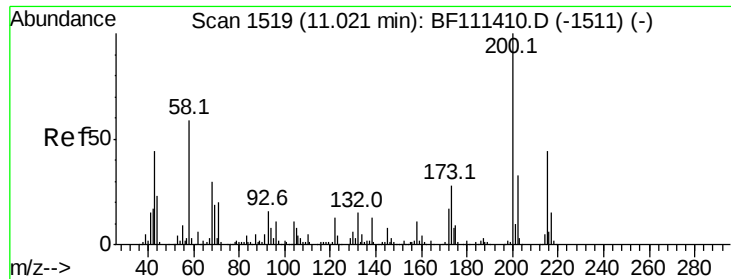
#68
Hexachlorobenzene
Concen: 47.648 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:284 Resp: 530612
Ion Ratio Lower Upper
284 100
142 38.7 27.4 41.2
249 31.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
800000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

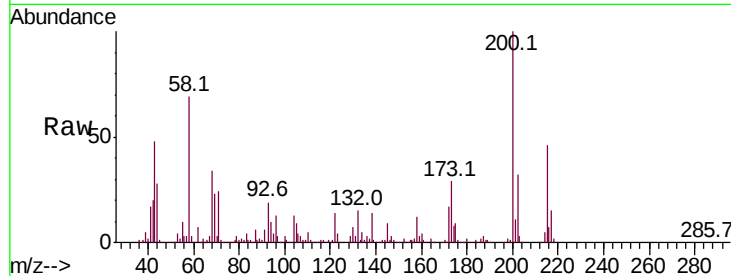




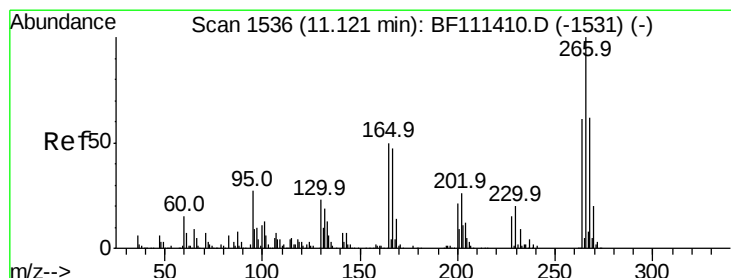
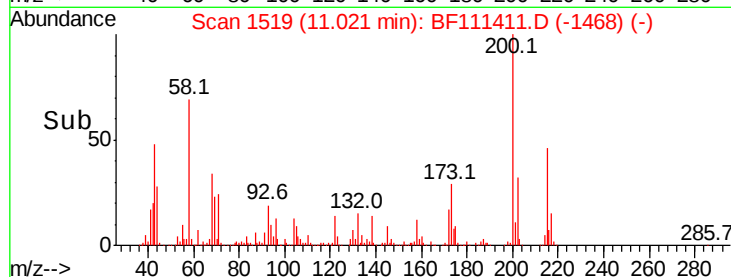
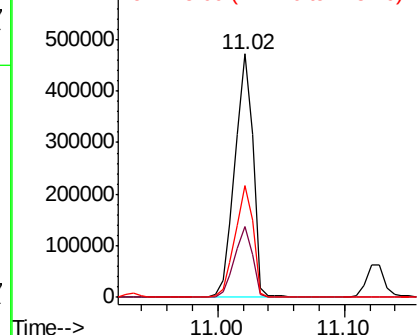
#69
Atrazine
Concen: 46.821 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	10.1	50.1
215	46.0	26.9	66.9

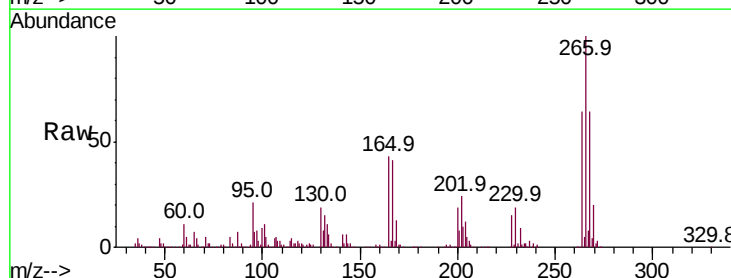


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

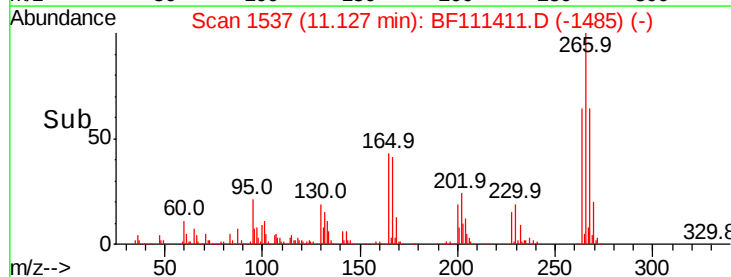
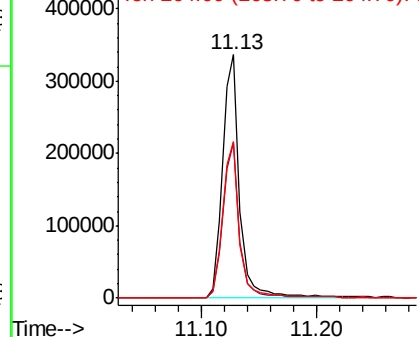


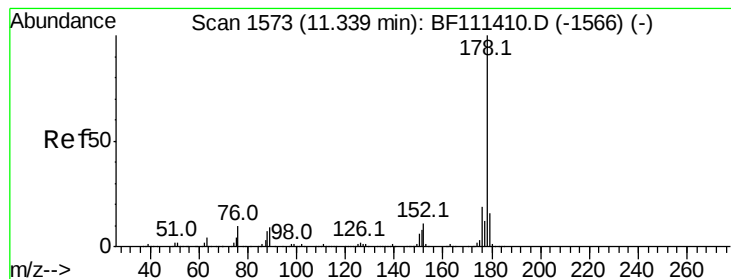
#70
Pentachlorophenol
Concen: 46.660 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.9	71.9
264	64.1	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: 47.257 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

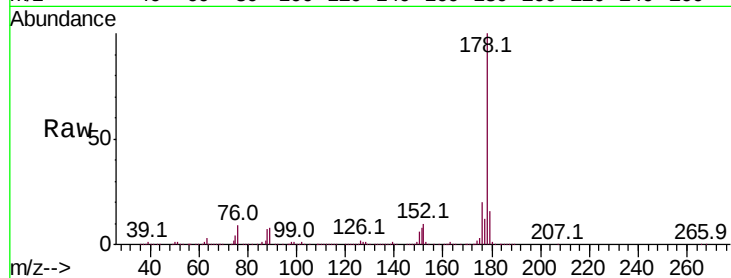
Tot Ion:178 Resp: 2372867

Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.1	27.1
179	15.9	14.0	21.0

178 100

176 19.9 18.1 27.1

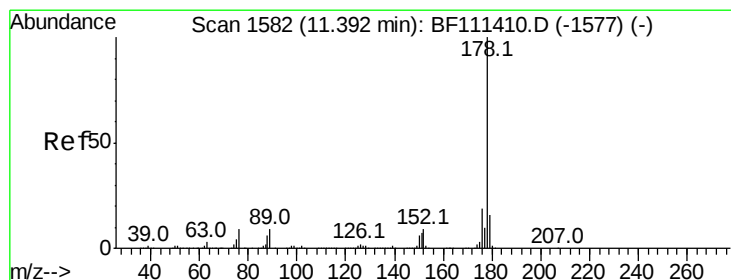
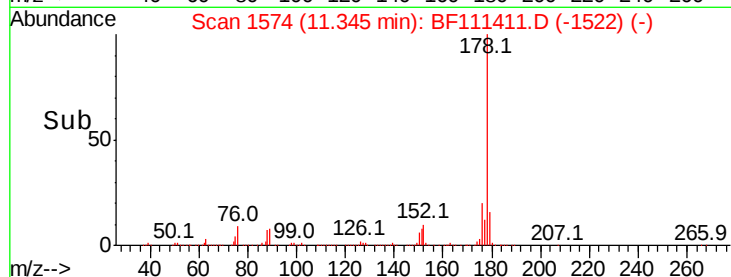
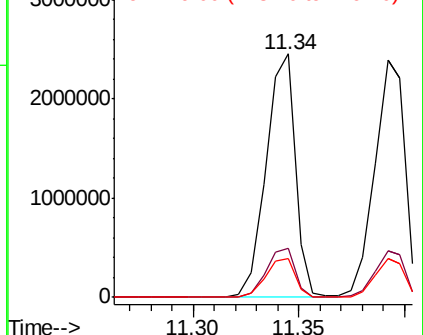
179 15.9 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.631 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

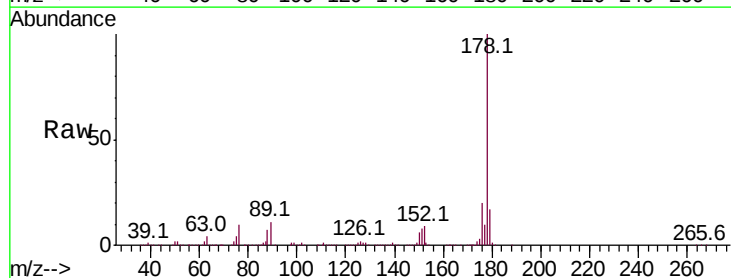
Tgt Ion:178 Resp: 2435259

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.2	25.8
179	16.6	13.8	20.8

178 100

176 19.6 17.2 25.8

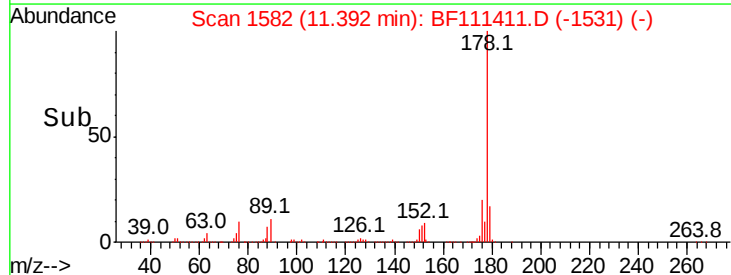
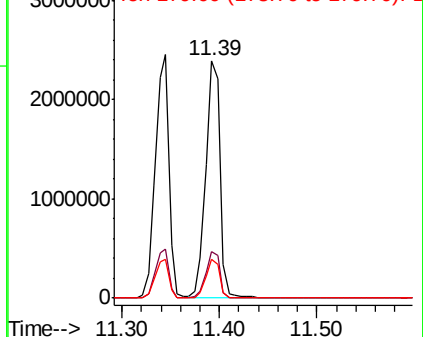
179 16.6 13.8 20.8

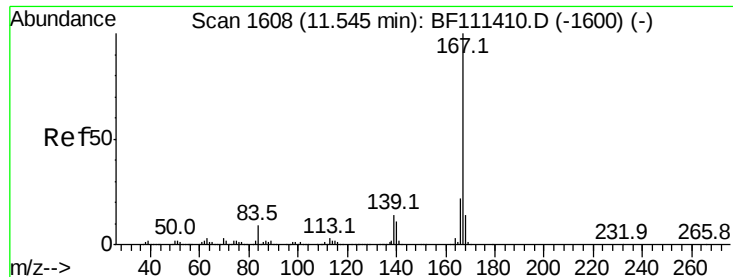


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.245 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

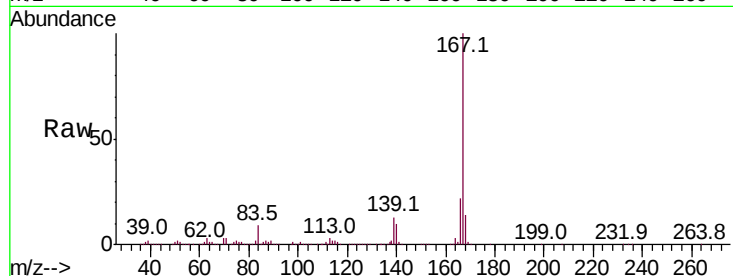
Tot Ion:167 Resp: 2550493

Ion Ratio Lower Upper

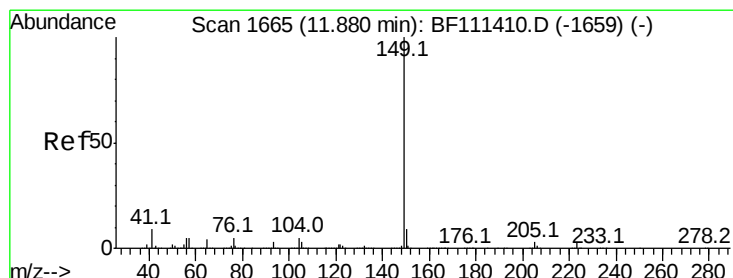
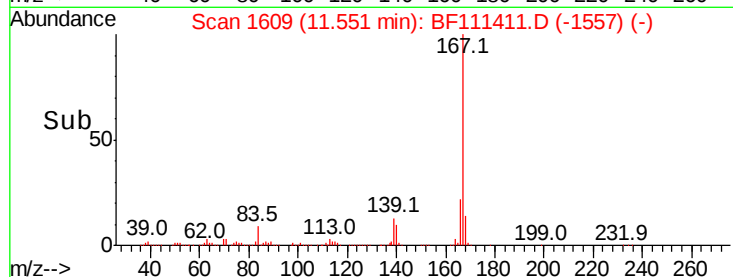
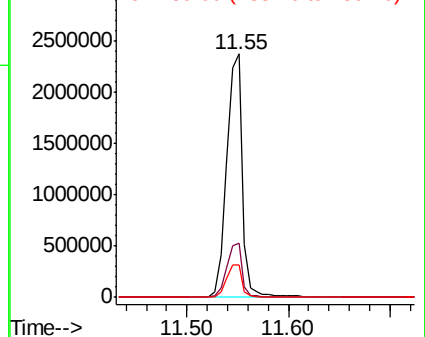
167 100

166 22.0 19.3 28.9

139 13.2 11.9 17.9



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



#74

Di-n-butylphthalate

Concen: 47.058 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

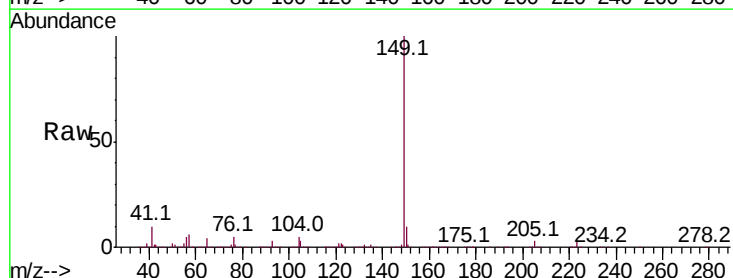
Tgt Ion:149 Resp: 2832582

Ion Ratio Lower Upper

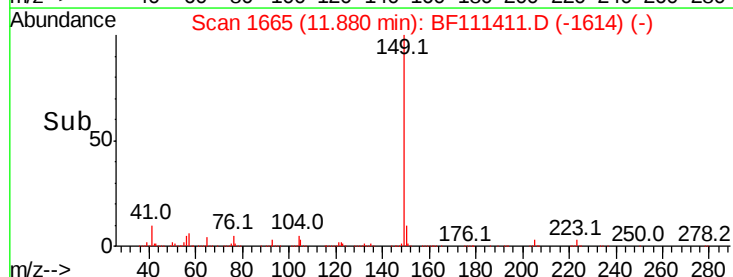
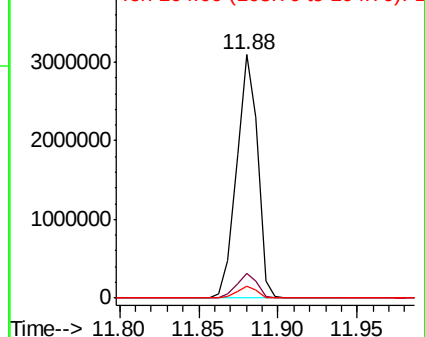
149 100

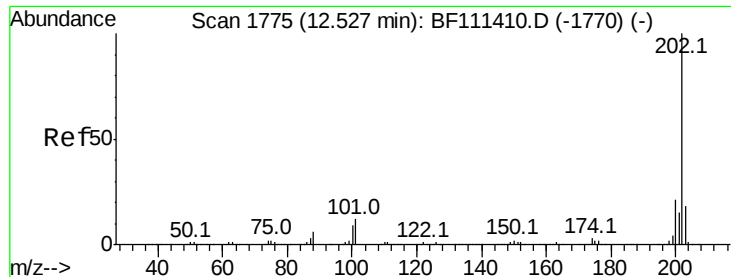
150 10.1 8.8 13.2

104 5.1 4.5 6.7



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





#75

Fluoranthene

Concen: 42.546 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

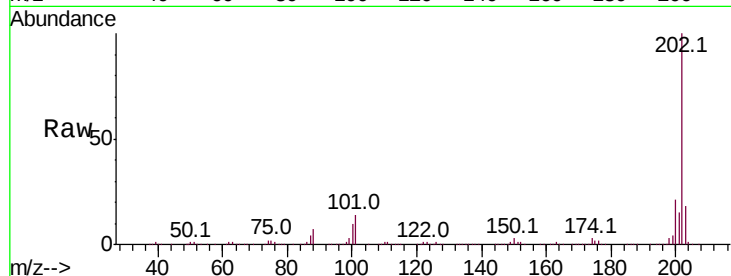
Tot Ion:202 Resp: 2085552

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.8

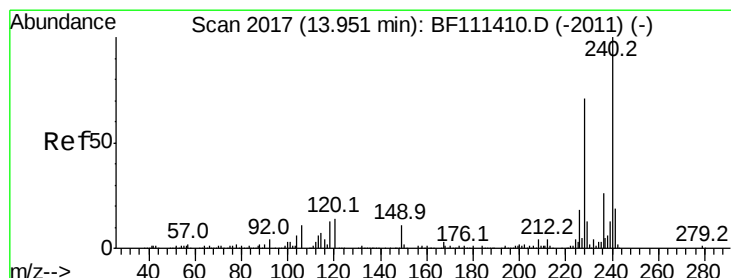
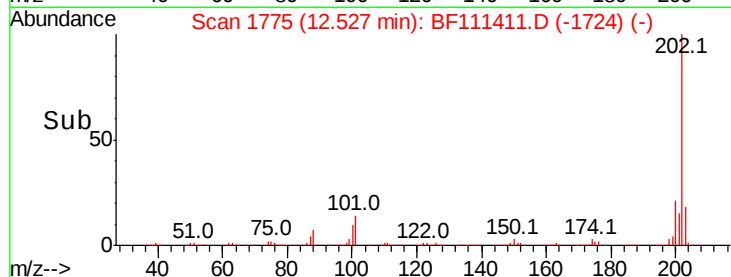
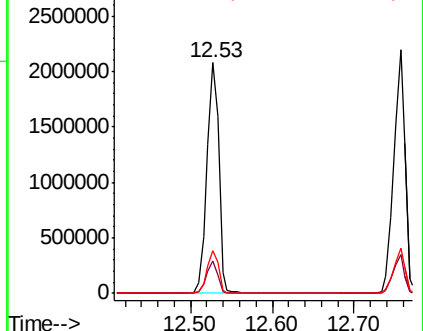
203 18.4 0.0 38.6



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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

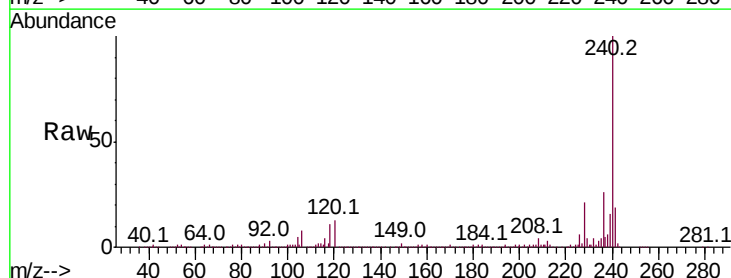
Tgt Ion:240 Resp: 610328

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

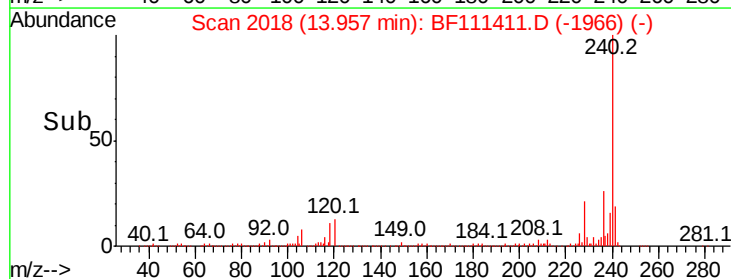
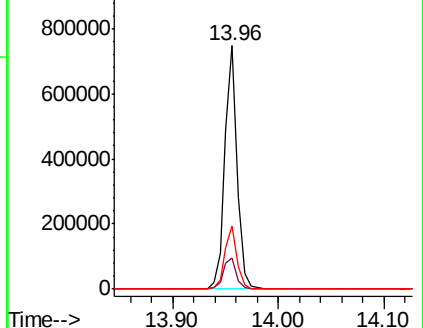
236 26.0 20.2 30.2

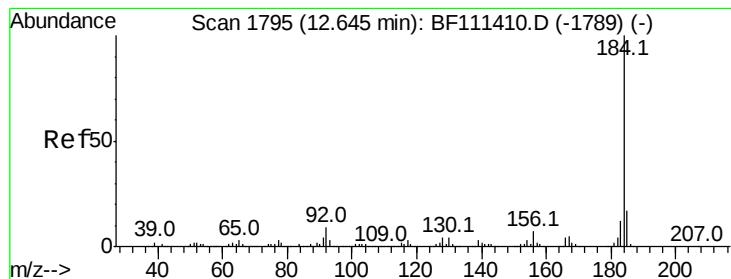


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 85.174 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampled :

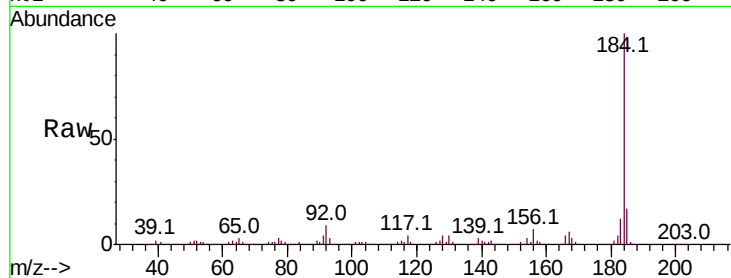
Tot Ion:184 Resp: 981019

Ion Ratio Lower Upper

184 100

185 16.9 13.0 19.6

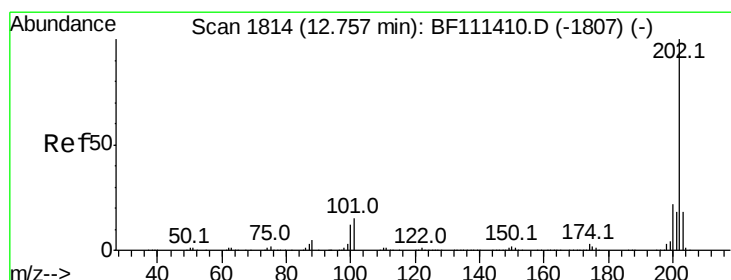
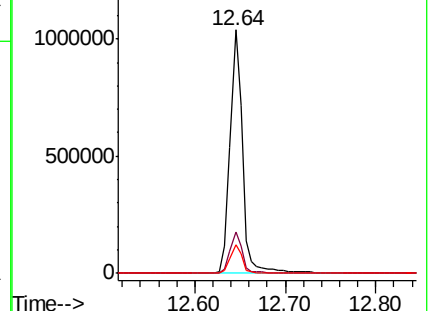
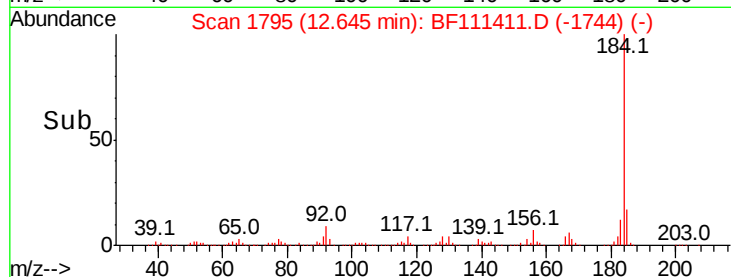
183 11.5 9.3 13.9



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: 45.995 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

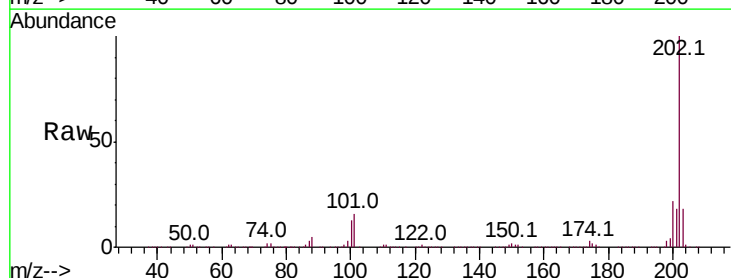
Tgt Ion:202 Resp: 2166499

Ion Ratio Lower Upper

202 100

200 22.1 19.0 28.4

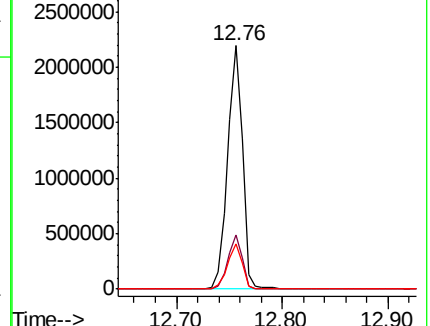
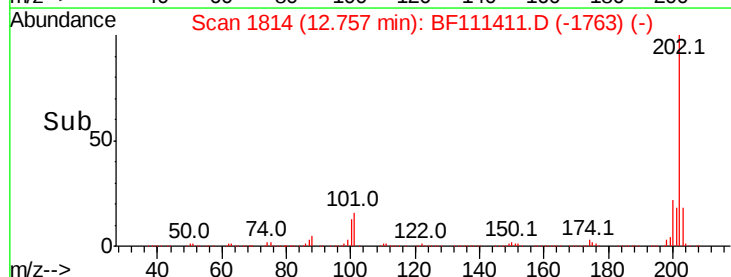
203 18.4 15.2 22.8

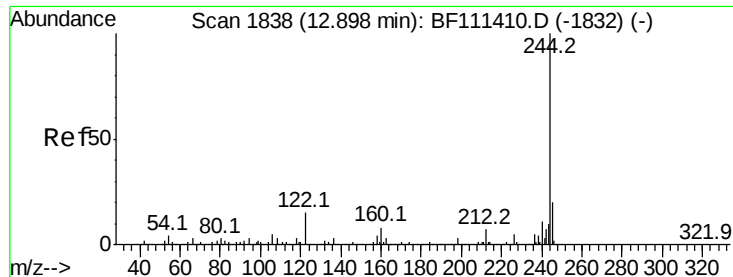


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.426 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

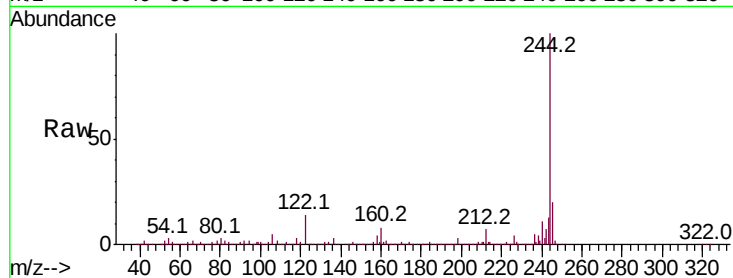
Tot Ion:244 Resp: 2507533

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

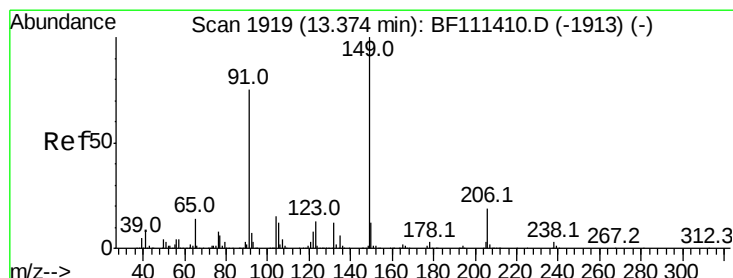
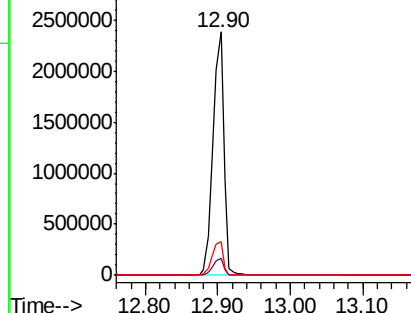
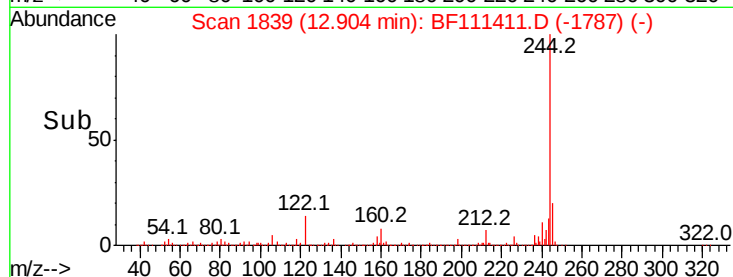
122 13.8 13.1 19.7



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: 46.242 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

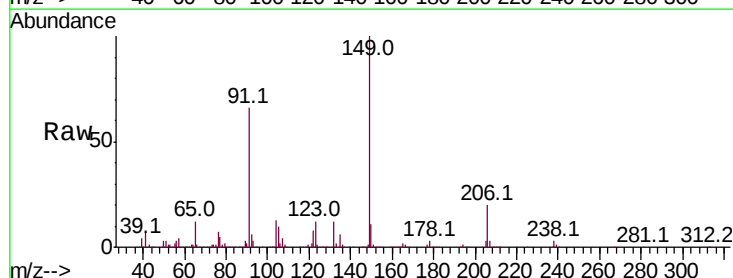
Tgt Ion:149 Resp: 1045804

Ion Ratio Lower Upper

149 100

91 66.4 63.8 95.6

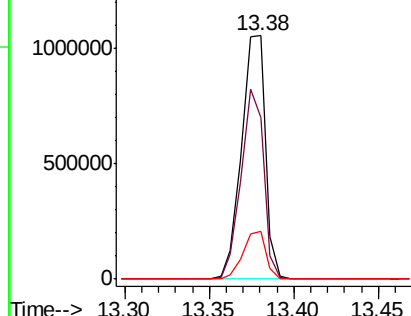
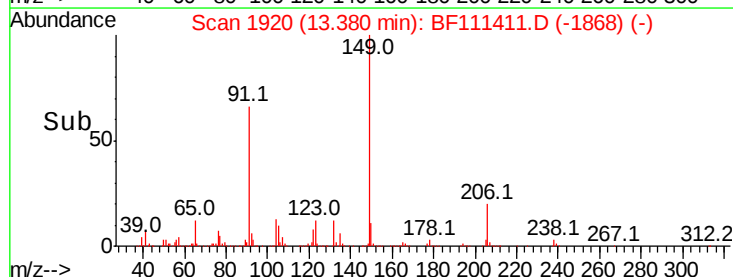
206 19.6 15.1 22.7

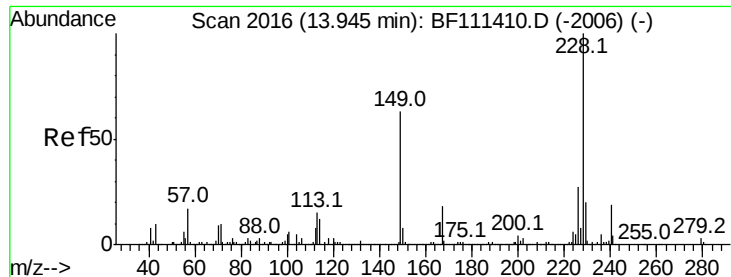


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.561 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

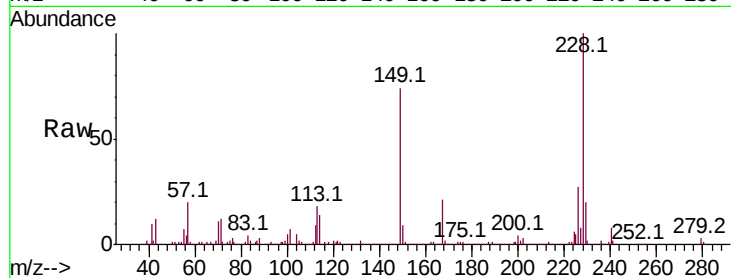
Tot Ion:228 Resp: 1589991

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

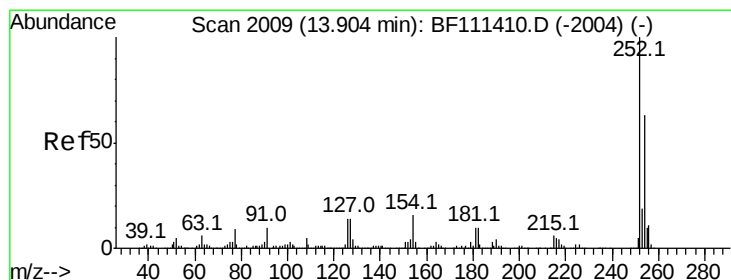
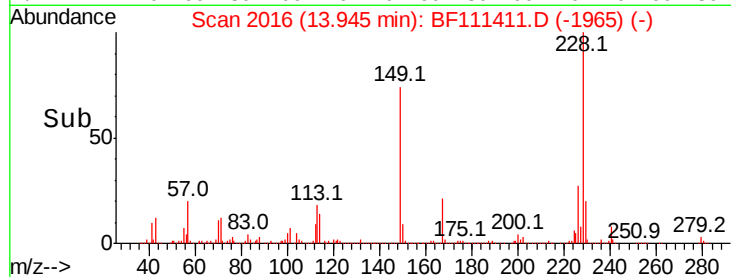
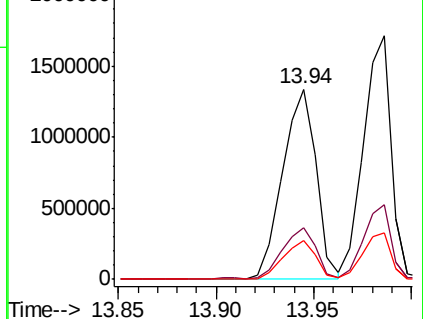
229 20.3 16.3 24.5



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: 49.660 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

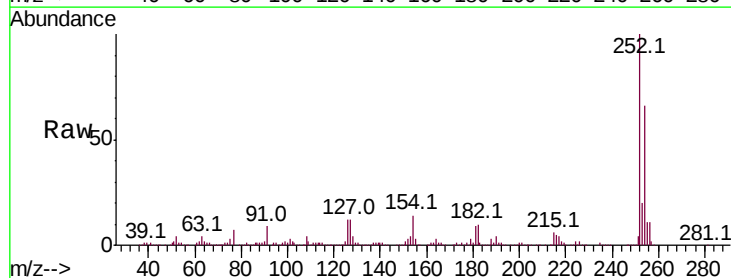
Tgt Ion:252 Resp: 641360

Ion Ratio Lower Upper

252 100

254 65.9 52.7 79.1

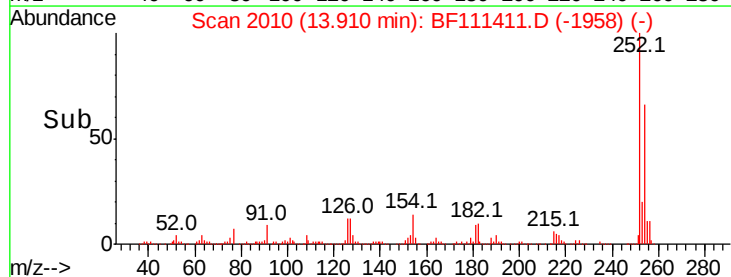
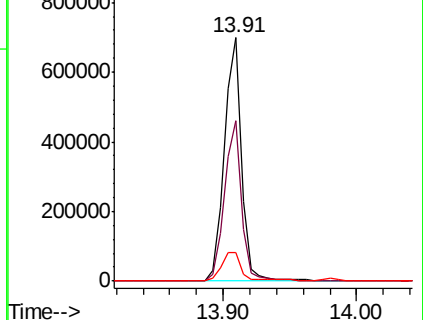
126 11.8 11.1 16.7

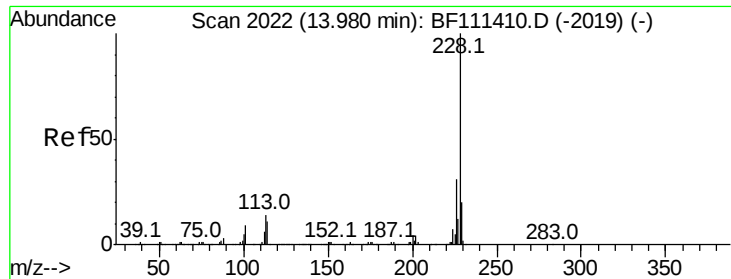


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 48.966 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampled :

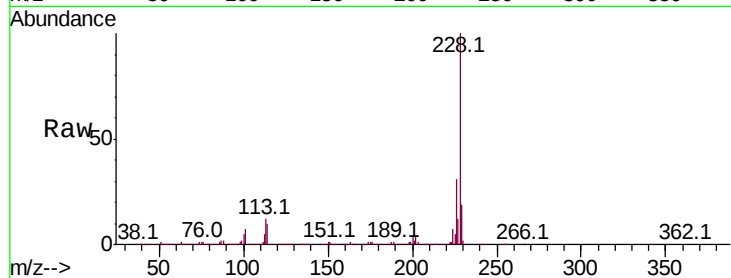
Tot Ion:228 Resp: 1705995

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

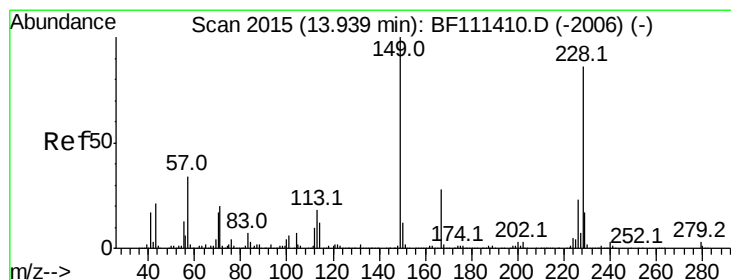
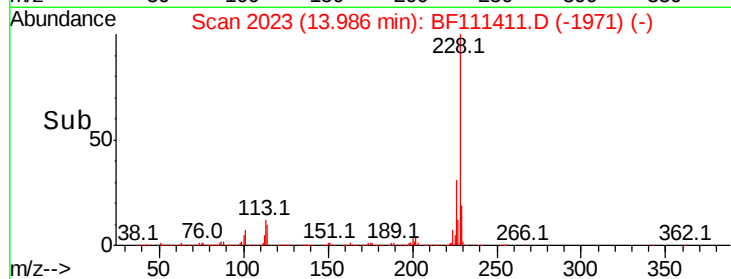
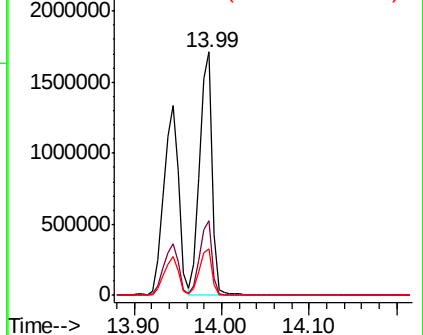
229 19.3 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.309 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

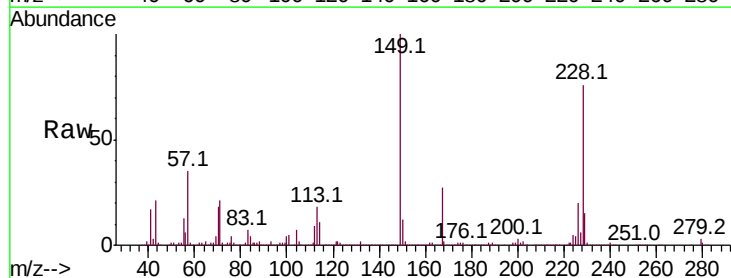
Tgt Ion:149 Resp: 1307990

Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

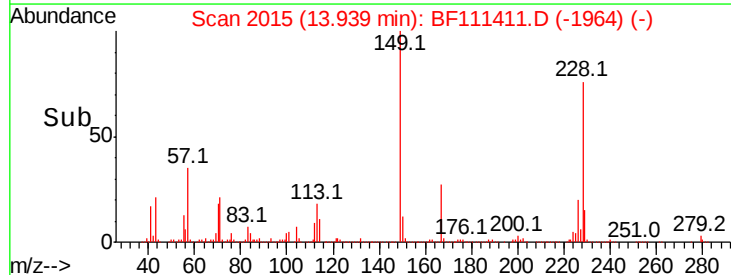
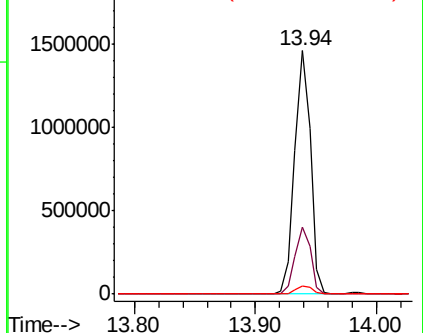
279 3.3 2.6 4.0

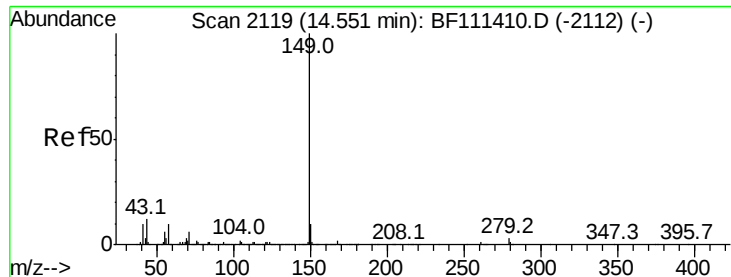


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.878 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

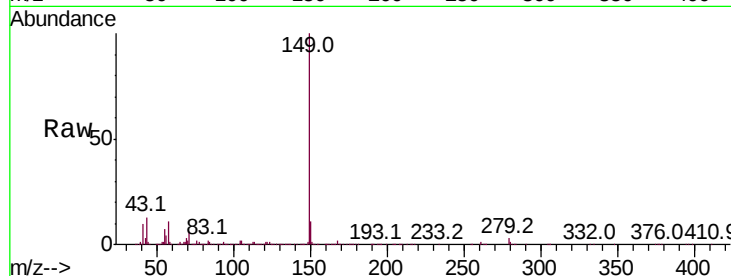
Tot Ion:149 Resp: 2218964

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

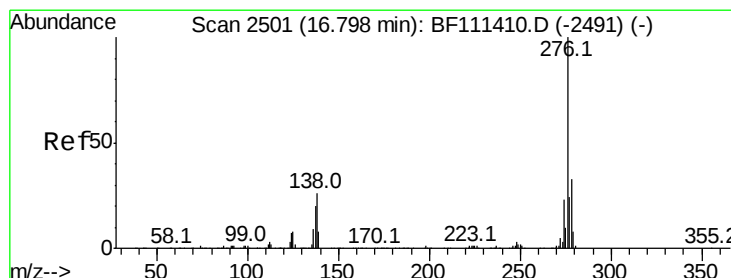
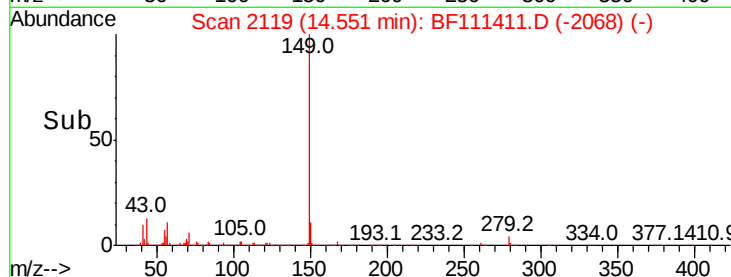
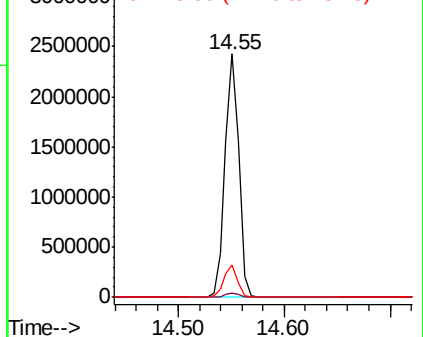
43 13.1 10.9 16.3



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: 45.958 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

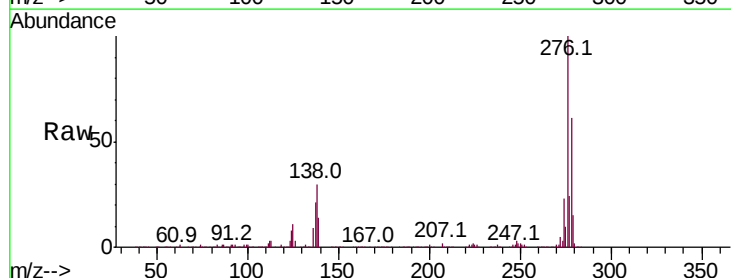
Tgt Ion:276 Resp: 1252320

Ion Ratio Lower Upper

276 100

138 32.0 27.8 41.6

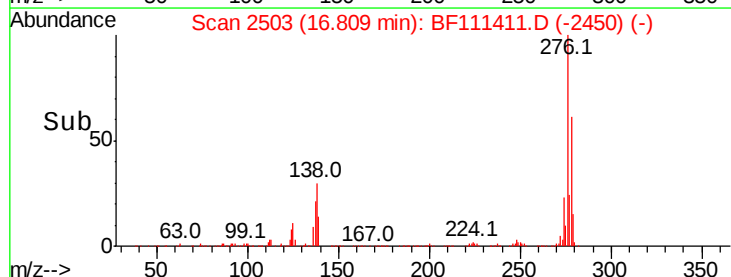
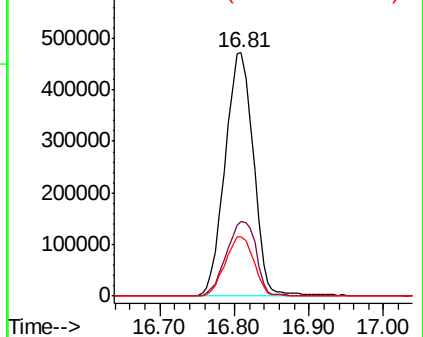
277 24.8 20.1 30.1

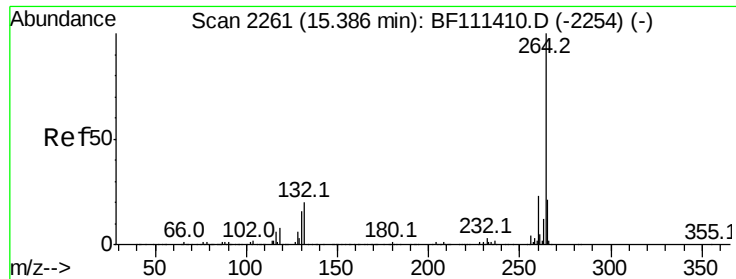


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

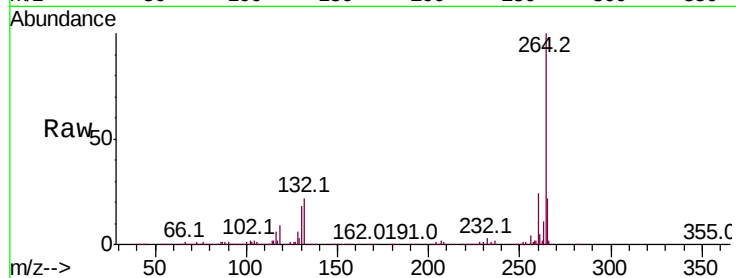
Tot Ion:264 Resp: 479444

Ion Ratio Lower Upper

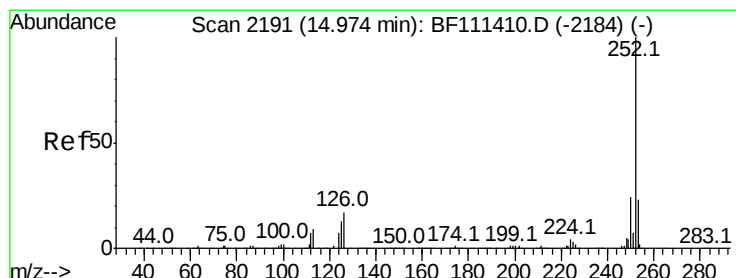
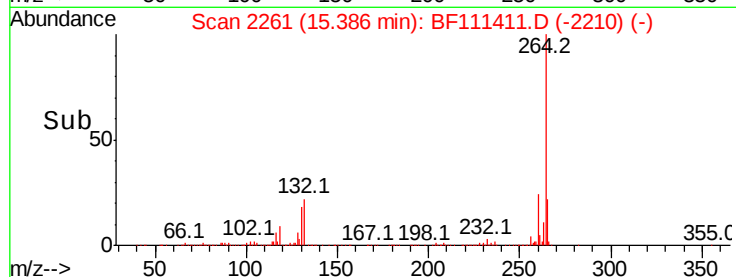
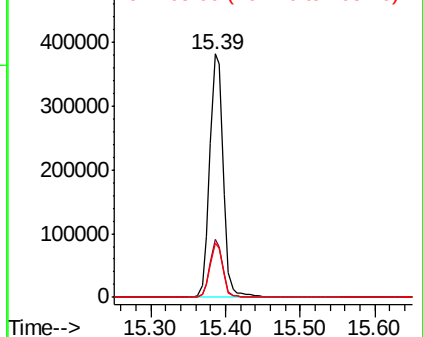
264 100

260 23.6 18.3 27.5

265 22.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.333 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

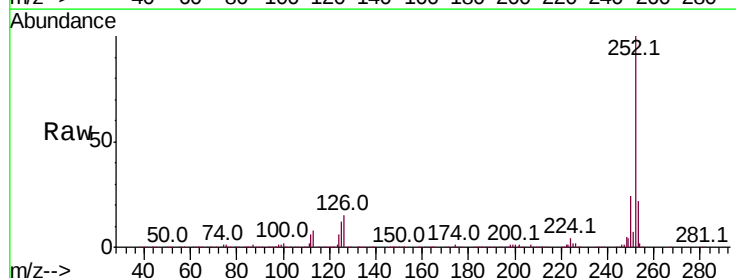
Tgt Ion:252 Resp: 1399496

Ion Ratio Lower Upper

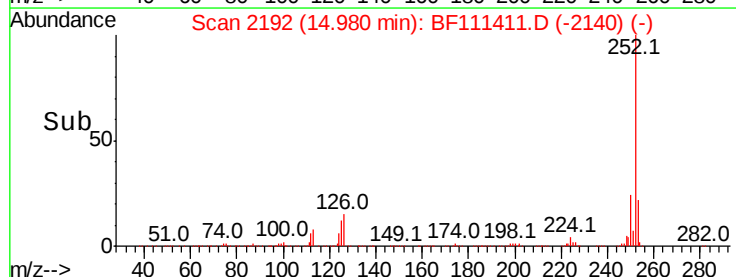
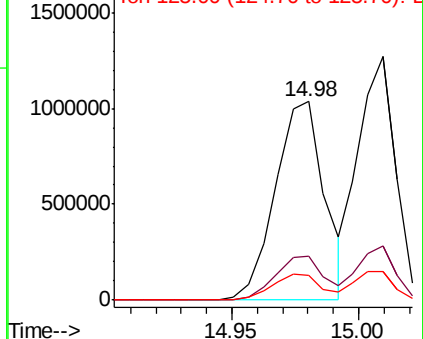
252 100

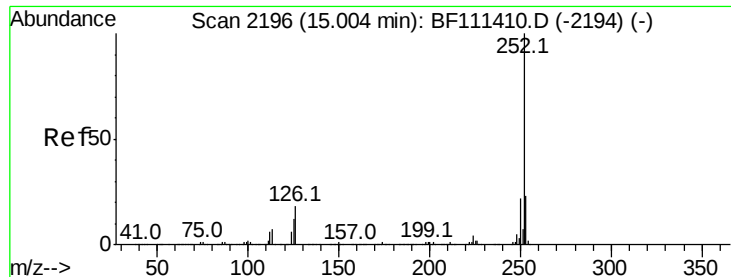
253 22.2 18.2 27.2

125 12.2 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

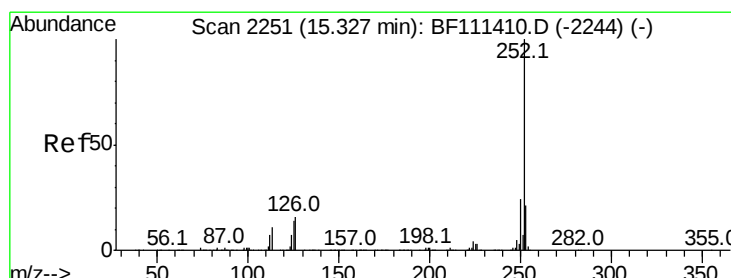
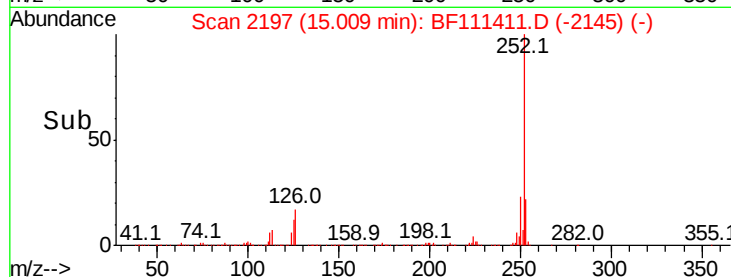
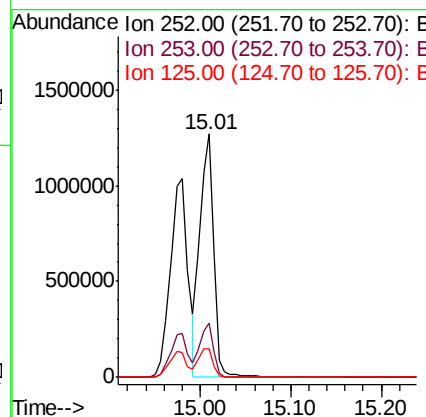
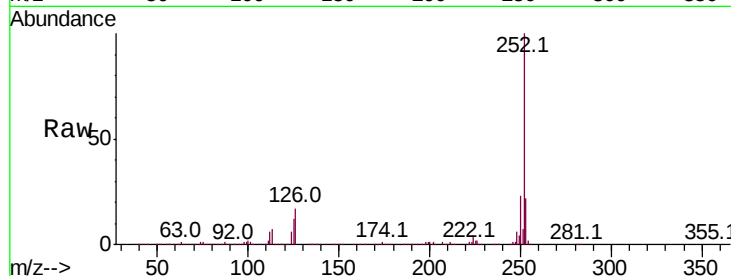




#89
Benzo(k)fluoranthene
Concen: 49.279 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

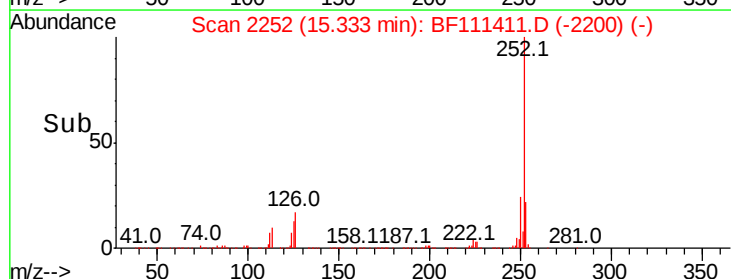
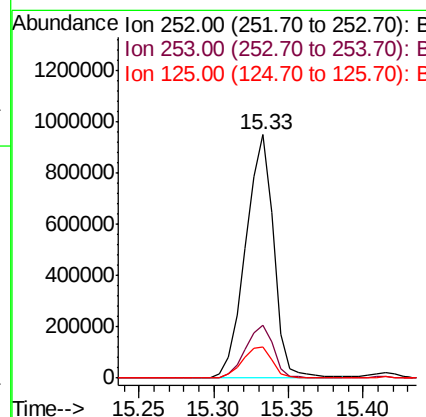
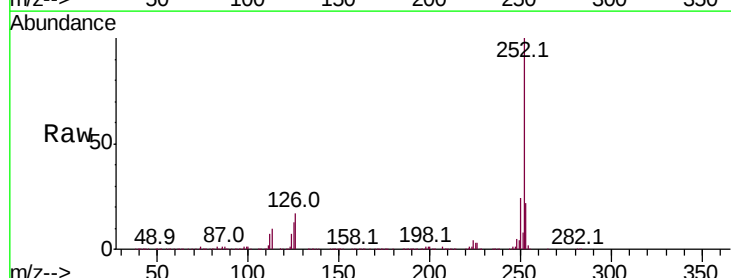
Instrument :
BNA_F
ClientSampleId :

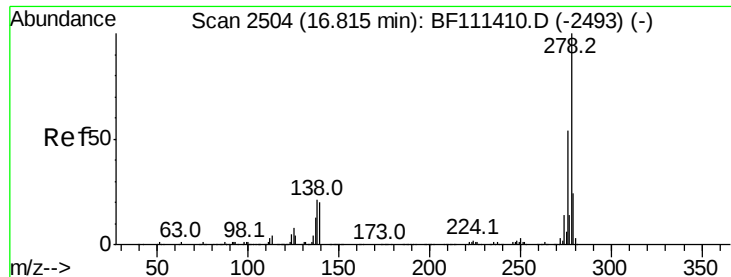
Tot Ion:252 Resp: 1341022
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.6 9.8 14.8



#90
Benzo(a)pyrene
Concen: 48.769 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:252 Resp: 1237970
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 12.7 12.3 18.5



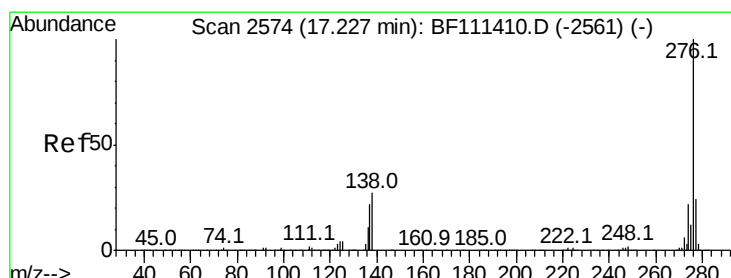
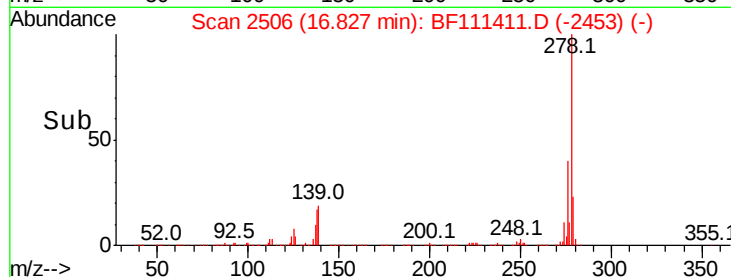
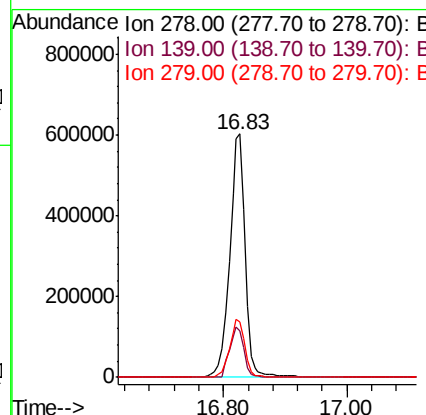
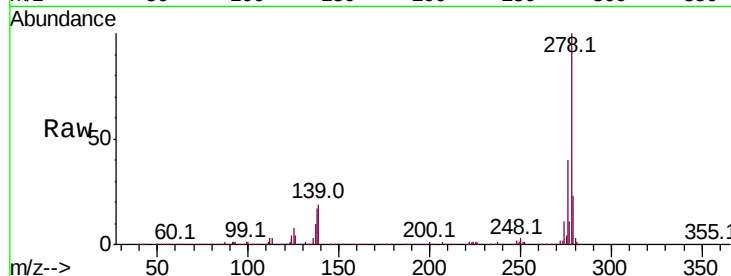


#91
Dibenzo(a,h)anthracene
Concen: 49.669 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1048996

Ion	Ratio	Lower	Upper
278	100		
139	18.9	18.2	27.4
279	22.9	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 52.995 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:276 Resp: 1118991

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	27.4	24.9	37.3

