

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111144.D
 Acq On : 6 Dec 2018 18:05
 Operator : JU/SJ
 Sample : J6233-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 21:52:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	484036	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1937347	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	917424	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1543503	20.00	ng	0.00
76) Chrysene-d12	13.96	240	789204	20.00	ng	0.00
87) Perylene-d12	15.39	264	893489	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3609995	116.38	ng	0.01
7) Phenol-d6	6.45	99	4722578	118.19	ng	0.01
23) Nitrobenzene-d5	7.37	82	3056495	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	974463	133.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4611441	94.68	ng	0.00
79) Terphenyl-d14	12.91	244	3584414	93.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	526481	29.508	ng	97
3) Pyridine	3.33	79	1253626	31.680	ng	97
4) n-Nitrosodimethylamine	3.25	42	839122	43.069	ng	100
6) Aniline	6.47	93	866130	16.224	ng	99
8) 2-Chlorophenol	6.59	128	1450253	40.563	ng	95
9) Benzaldehyde	6.35	77	723620	31.806	ng	97
10) Phenol	6.46	94	2031841	46.636	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	1392857	39.115	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1475294	38.799	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1503863	39.301	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1397938	39.273	ng	99
15) Benzyl Alcohol	6.95	79	1305948	41.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2749752	39.697	ng	99
17) 2-Methylphenol	7.06	107	1229531	41.894	ng	99
18) Hexachloroethane	7.32	117	572142	39.858	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	1053151	39.220	ng	95
20) 3+4-Methylphenols	7.22	107	1453621	40.609	ng	93
22) Acetophenone	7.22	105	1958754	41.838	ng	# 92
24) Nitrobenzene	7.39	77	1528684	43.423	ng	99
25) Isophorone	7.63	82	2813881	46.855	ng	99
26) 2-Nitrophenol	7.70	139	761787	51.212	ng	93
27) 2,4-Dimethylphenol	7.75	122	1333239	47.591	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1782458	43.843	ng	99
29) 2,4-Dichlorophenol	7.95	162	1216767	44.118	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	1163755	41.805	ng	98
31) Naphthalene	8.11	128	3910164	46.357	ng	99
32) Benzoic acid	7.83	122	395938	21.433	ng	95
33) 4-Chloroaniline	8.15	127	241718	5.928	ng	95
34) Hexachlorobutadiene	8.23	225	616414	40.746	ng	99
35) Caprolactam	8.52	113	252582	24.943	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	1326918	43.924	ng	97
37) 2-Methylnaphthalene	8.80	142	2692888	46.283	ng	99
38) 1-Methylnaphthalene	8.90	142	2570703	45.956	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	956402	39.115	ng	98

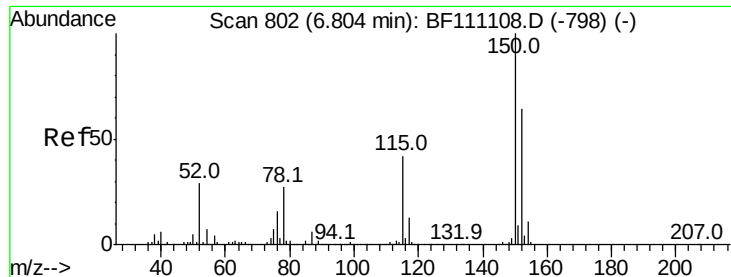
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111144.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1106243	85.803	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	811225	45.426	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	838849	46.338	ng	99
46) 1,1'-Biphenyl	9.27	154	2988625	39.794	ng	99
47) 2-Chloronaphthalene	9.29	162	2417877	41.431	ng	98
48) 2-Nitroaniline	9.38	65	856483	45.286	ng	94
49) Acenaphthylene	9.70	152	3771035	46.228	ng	99
50) Dimethylphthalate	9.57	163	3313758	51.900	ng	99
51) 2,6-Dinitrotoluene	9.62	165	661556	48.870	ng	87
52) Acenaphthene	9.88	154	2386698	44.287	ng	99
53) 3-Nitroaniline	9.79	138	317784	18.689	ng	95
54) 2,4-Dinitrophenol	9.89	184	321895	75.457	ng	# 75
55) Dibenzofuran	10.05	168	3264723	43.982	ng	99
56) 4-Nitrophenol	9.95	139	1055249	82.354	ng	96
57) 2,4-Dinitrotoluene	10.03	165	884185	50.574	ng	# 99
58) Fluorene	10.39	166	2454681	46.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	662214	49.012	ng	93
60) Diethylphthalate	10.27	149	2827278	44.309	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	1117626	43.326	ng	97
62) 4-Nitroaniline	10.40	138	660525	43.040	ng	98
63) Azobenzene	10.55	77	2870727	42.258	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	273497	42.890	ng	95
66) n-Nitrosodiphenylamine	10.50	169	2314037	42.816	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	713079	43.643	ng	95
68) Hexachlorobenzene	10.94	284	723471	43.304	ng	# 93
69) Atrazine	11.03	200	718990	Below Cal		97
70) Pentachlorophenol	11.13	266	717346	65.292	ng	98
71) Phenanthrene	11.35	178	3457160	46.564	ng	99
72) Anthracene	11.40	178	3512535	46.935	ng	100
73) Carbazole	11.55	167	3233962	41.529	ng	99
74) Di-n-butylphthalate	11.89	149	3971414	43.567	ng	99
75) Fluoranthene	12.54	202	3150098	43.359	ng	96
77) Benzidine	12.65	184	332176	9.842	ng	99
78) Pyrene	12.76	202	3086861	50.205	ng	98
80) Butylbenzylphthalate	13.39	149	1403831	47.263	ng	99
81) Benzo(a)anthracene	13.94	228	2119363	45.834	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	382800	21.937	ng	# 94
83) Chrysene	13.99	228	2061860	44.917	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1720344	47.951	ng	99
85) Di-n-octyl phthalate	14.56	149	2977388	52.790	ng	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	2523619	68.472	ng	# 87
88) Benzo(b)fluoranthene	14.98	252	2310785	45.642	ng	98
89) Benzo(k)fluoranthene	15.01	252	1942791	39.694	ng	99
90) Benzo(a)pyrene	15.34	252	2162459	46.565	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	2079095	53.350	ng	98
92) Benzo(g,h,i)perylene	17.24	276	2081473	53.150	ng	98

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

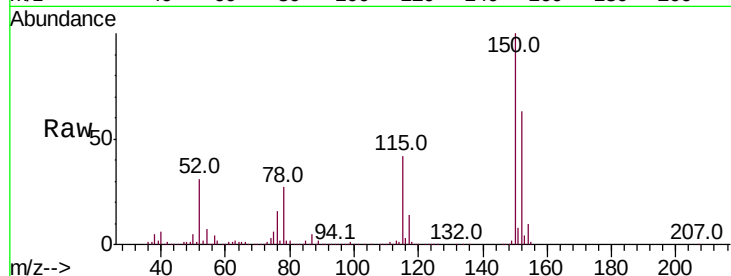


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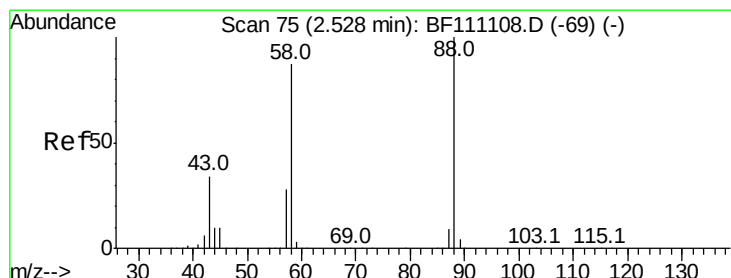
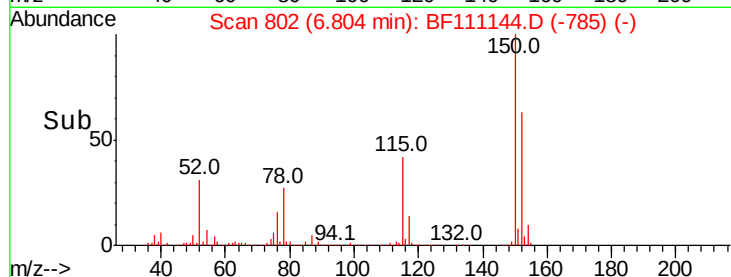
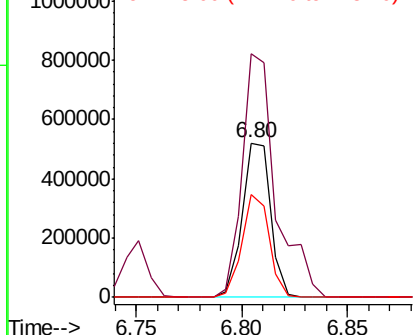
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 484036
Ion Ratio Lower Upper
152 100
150 157.5 124.6 187.0
115 66.7 52.2 78.2



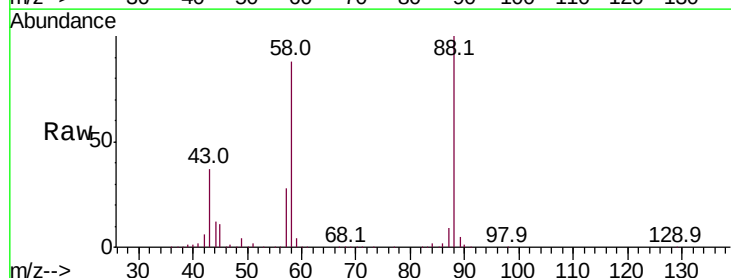
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



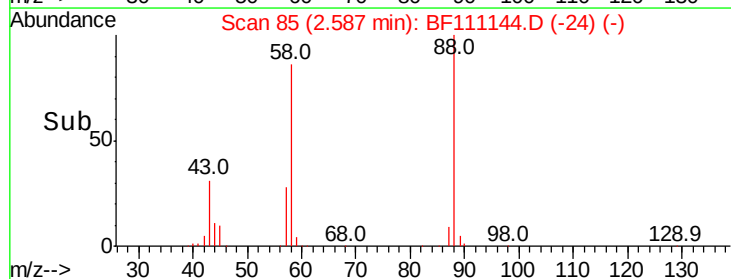
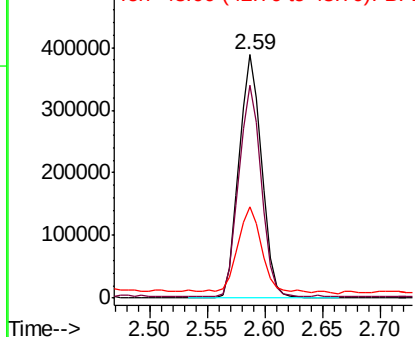
#2

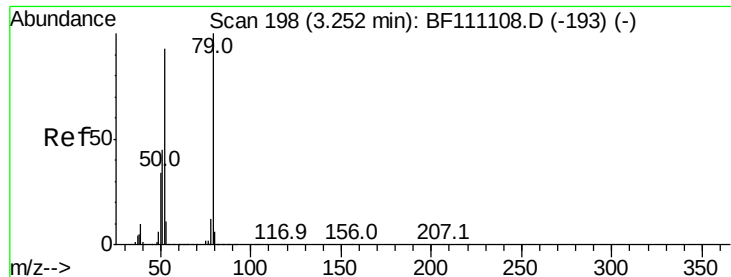
1,4-Dioxane
Concen: 29.508 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.06 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion: 88 Resp: 526481
Ion Ratio Lower Upper
88 100
58 86.4 70.8 106.2
43 37.3 28.3 42.5



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

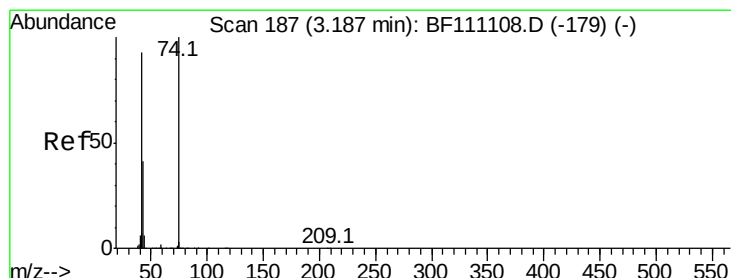
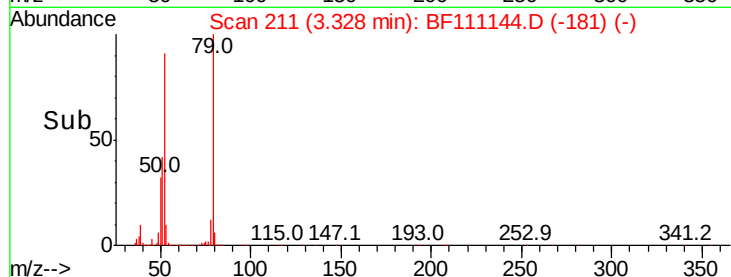
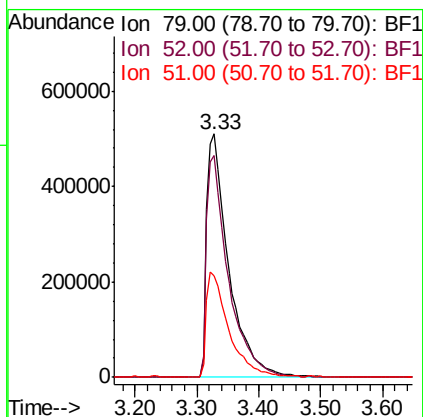
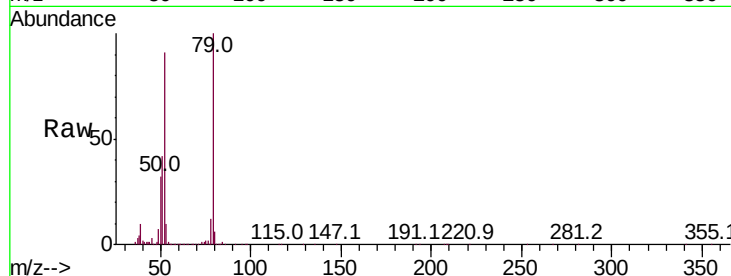




#3
 Pvridine
 Concen: 31.680 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

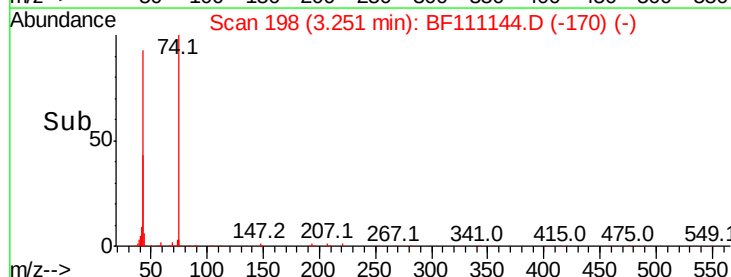
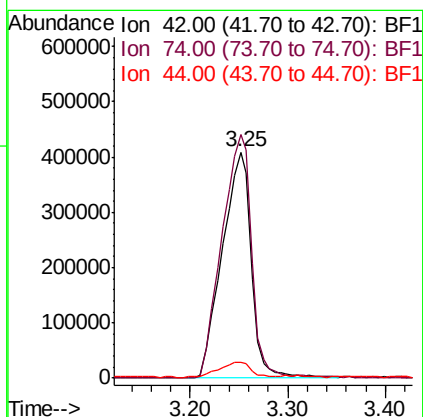
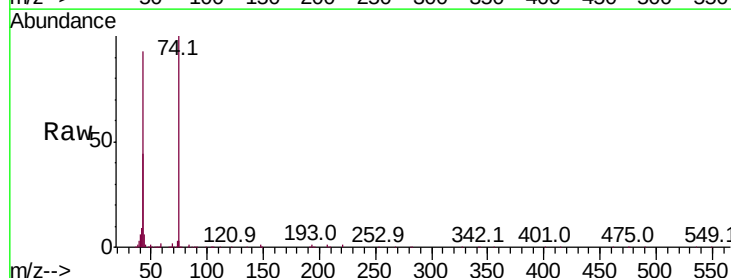
Instrument :
 BNA_F
 ClientSampleId :

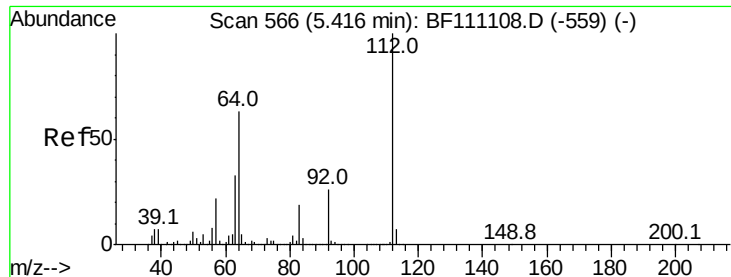
Tot Ion: 79 Resp: 1253626
 Ion Ratio Lower Upper
 79 100
 52 91.1 74.7 112.1
 51 41.9 35.9 53.9



#4
 n-Nitrosodimethylamine
 Concen: 43.069 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.06 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion: 42 Resp: 839122
 Ion Ratio Lower Upper
 42 100
 74 107.7 86.2 129.2
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 116.381 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

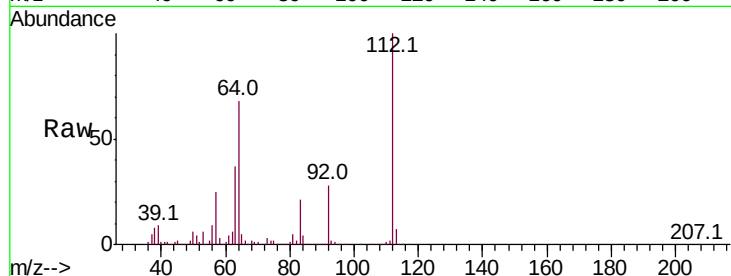
Tot Ion:112 Resp: 3609995

Ion Ratio Lower Upper

112 100

64 67.5 50.2 75.4

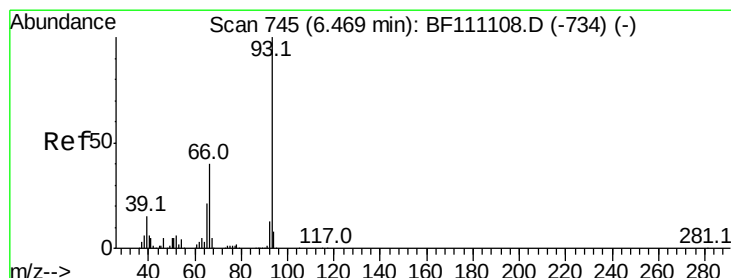
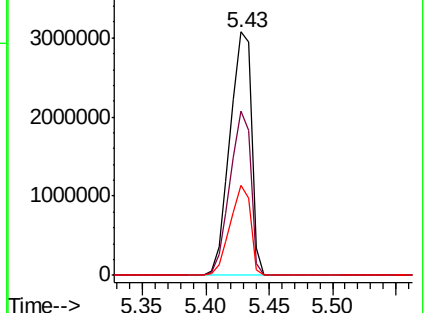
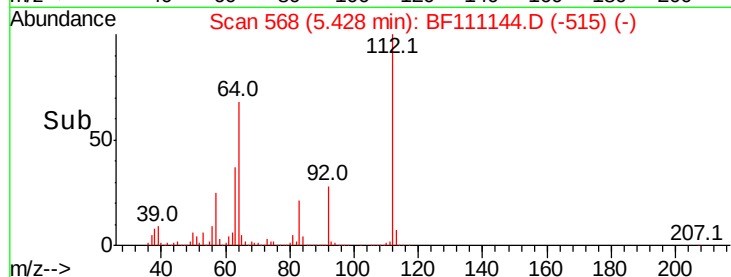
63 36.9 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.224 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

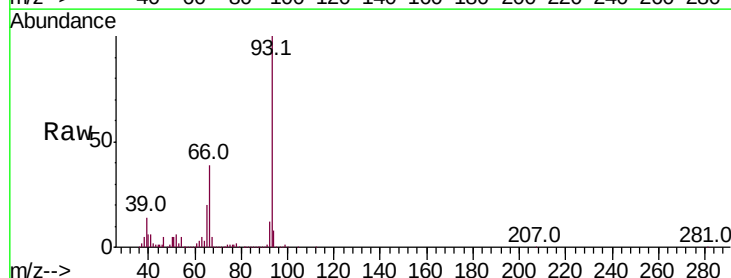
Tgt Ion: 93 Resp: 866130

Ion Ratio Lower Upper

93 100

66 38.9 31.8 47.8

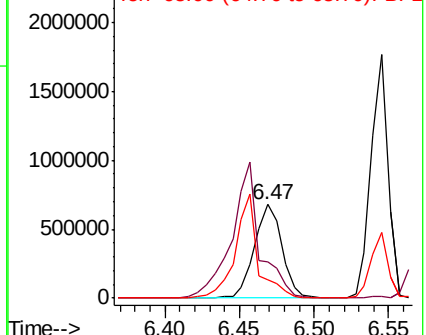
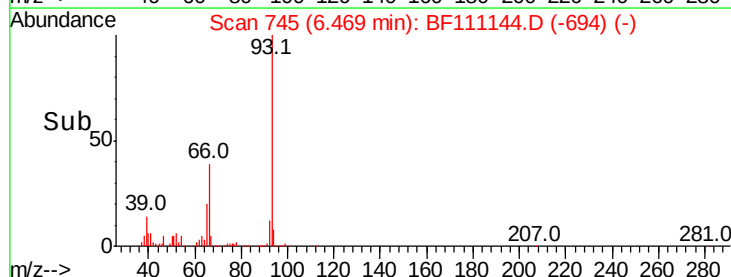
65 20.2 16.6 24.8

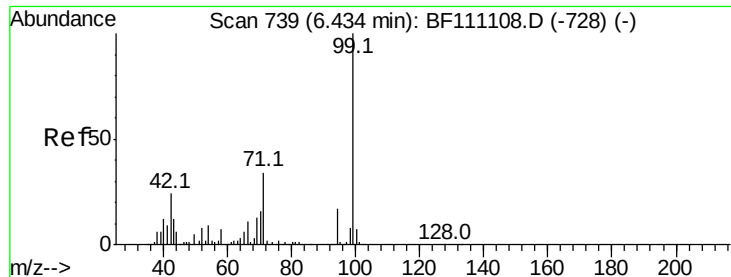


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.189 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

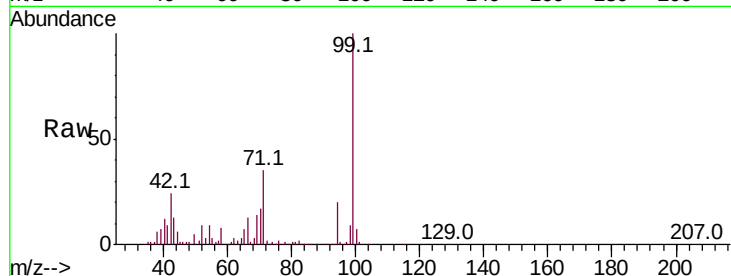
Tot Ion: 99 Resp: 4722578

Ion Ratio Lower Upper

99 100

42 24.4 19.3 28.9

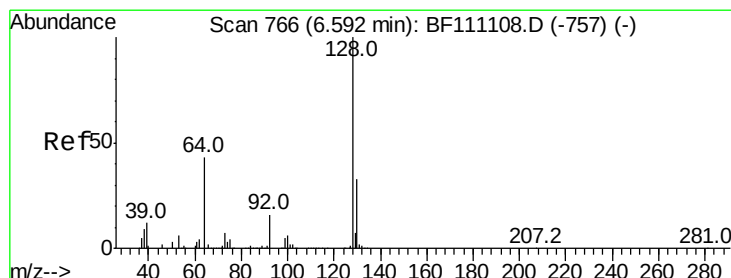
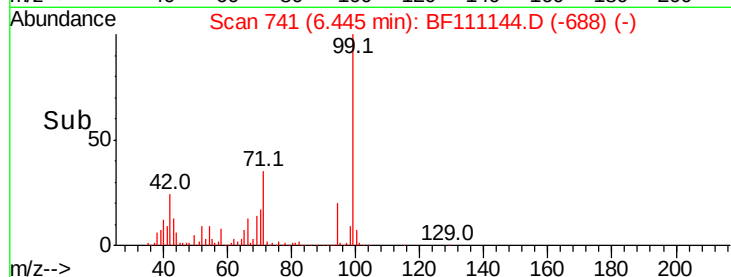
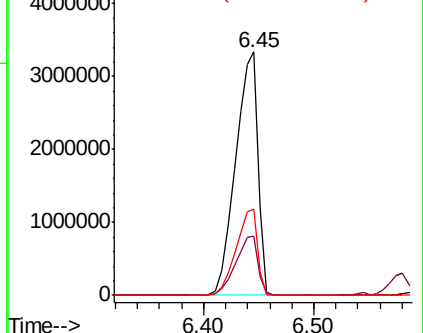
71 35.3 27.4 41.2



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: 40.563 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

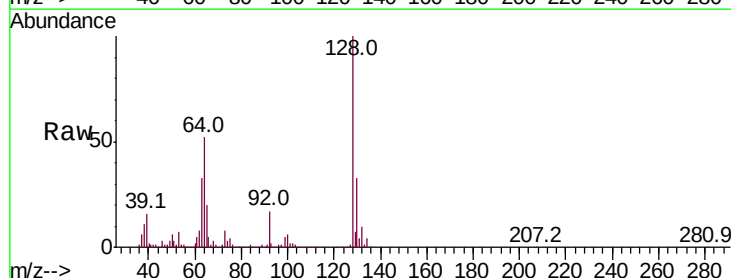
Tgt Ion:128 Resp: 1450253

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

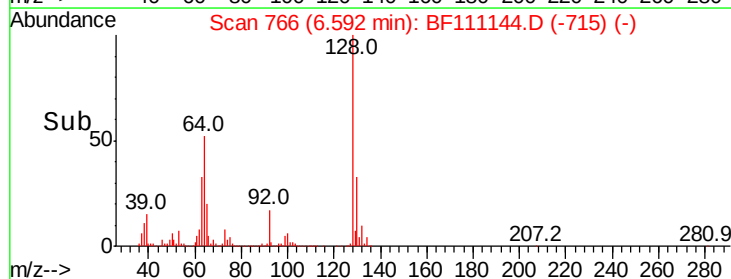
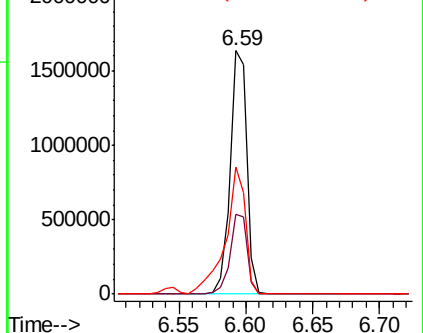
64 52.4 26.6 66.6

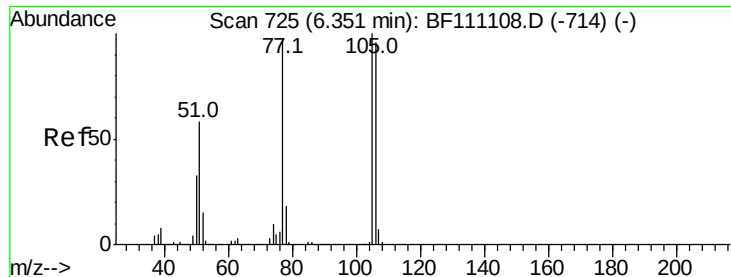


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.806 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

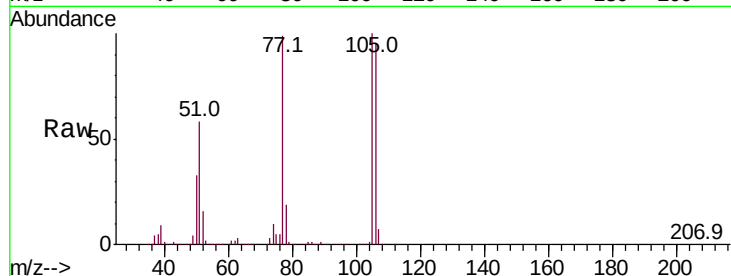
Tot Ion: 77 Resp: 723620

Ion Ratio Lower Upper

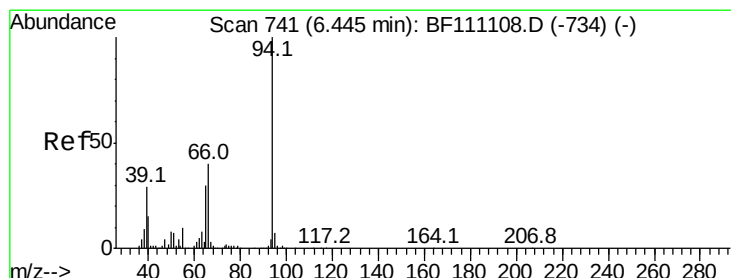
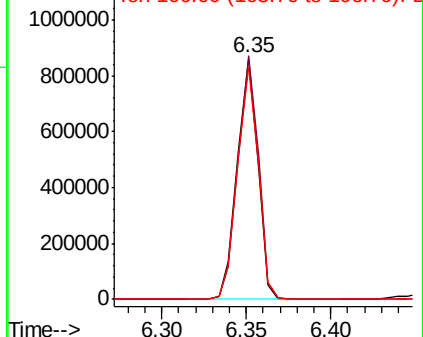
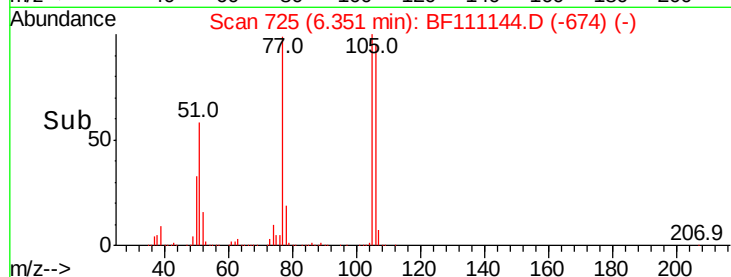
77 100

105 100.8 83.1 123.1

106 96.2 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 46.636 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

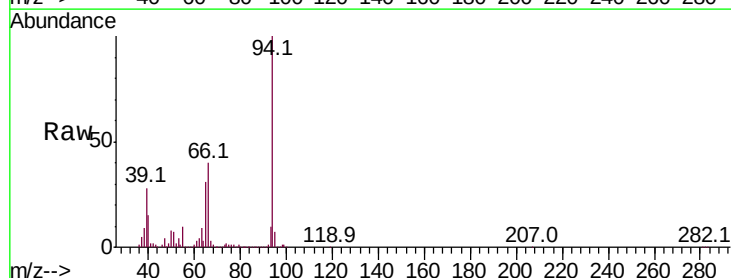
Tgt Ion: 94 Resp: 2031841

Ion Ratio Lower Upper

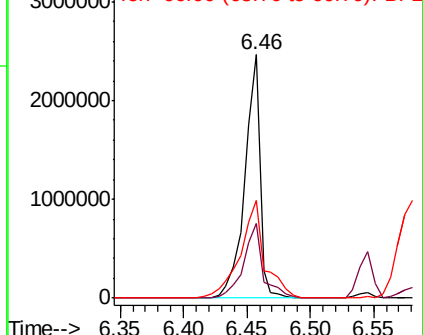
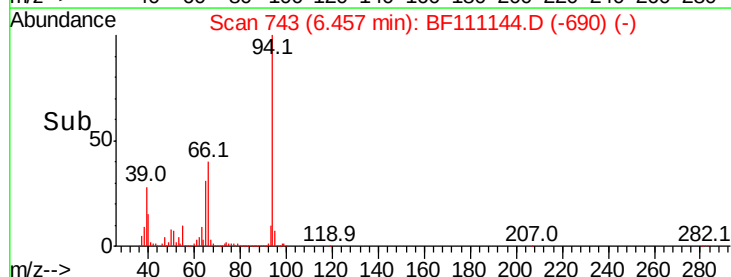
94 100

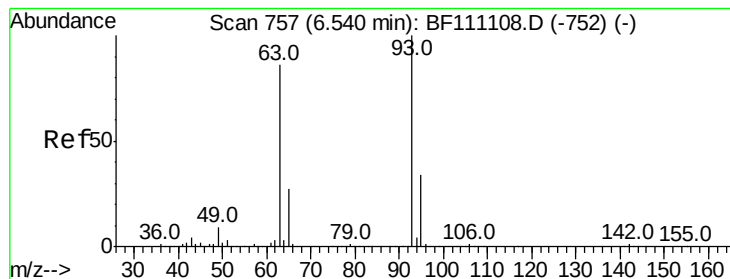
65 30.6 10.5 50.5

66 40.2 19.8 59.8



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: 39.115 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

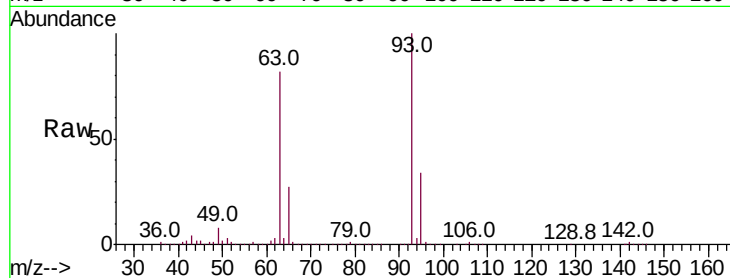
Tot Ion: 93 Resp: 1392857

Ion Ratio Lower Upper

93 100

63 82.3 66.0 106.0

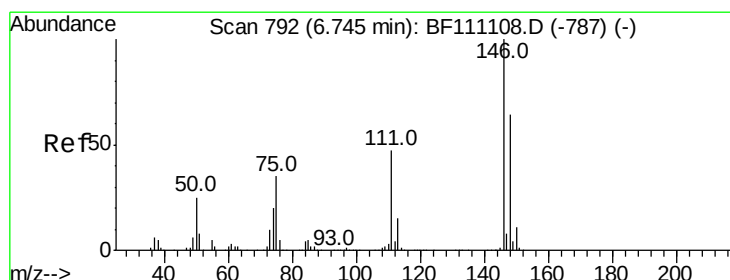
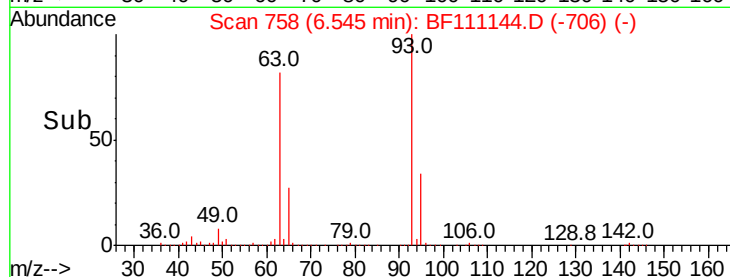
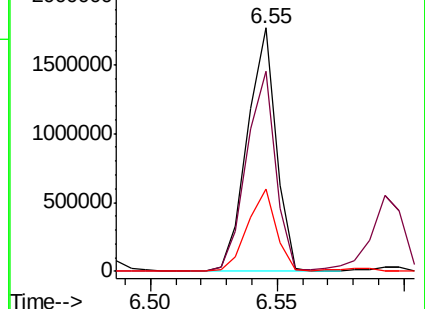
95 33.6 14.3 54.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.799 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

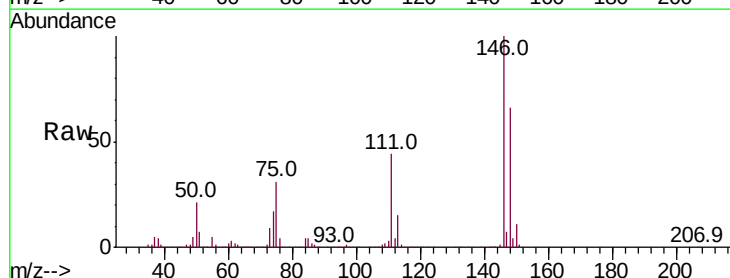
Tgt Ion: 146 Resp: 1475294

Ion Ratio Lower Upper

146 100

148 65.7 51.3 76.9

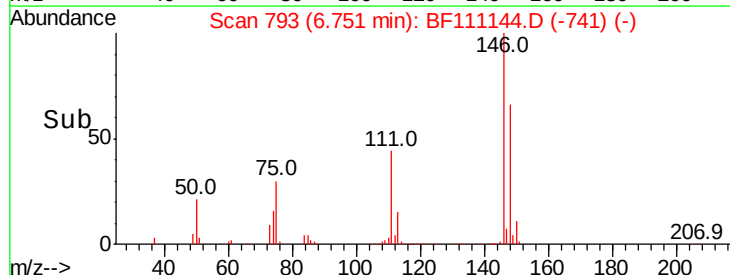
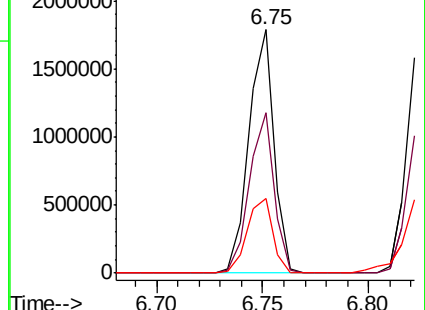
75 30.6 27.7 41.5

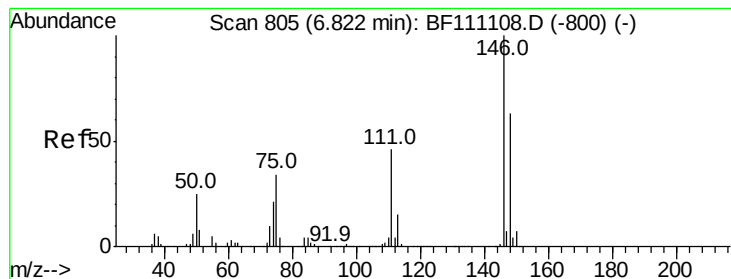


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.301 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampled :

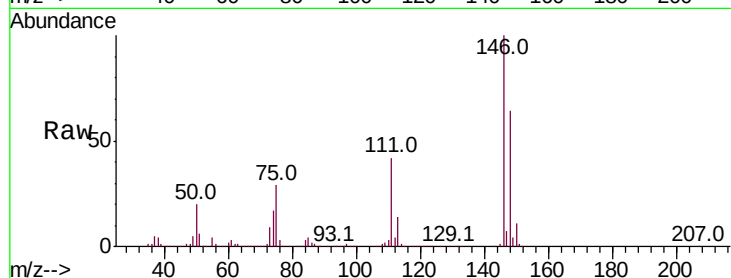
Tot Ion:146 Resp: 1503863

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

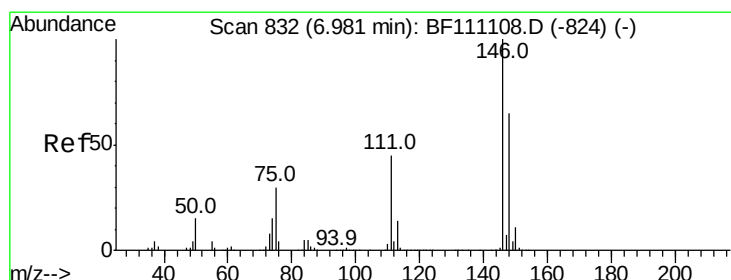
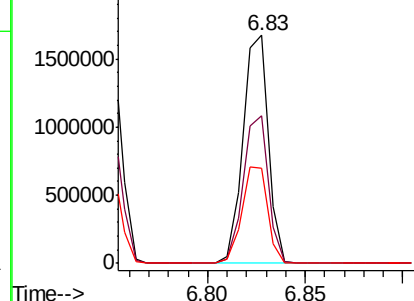
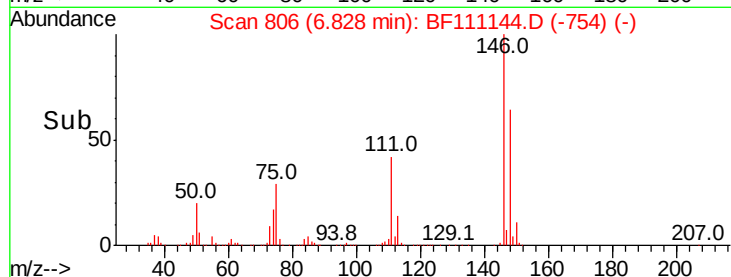
111 41.5 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.273 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

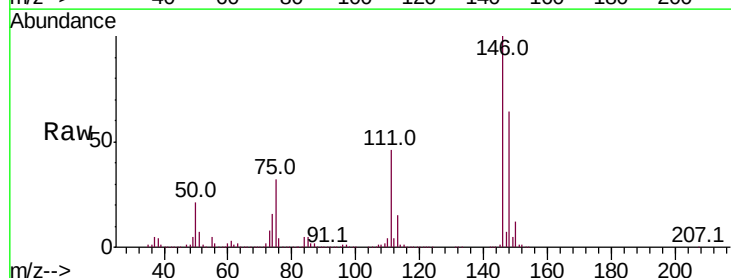
Tgt Ion:146 Resp: 1397938

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

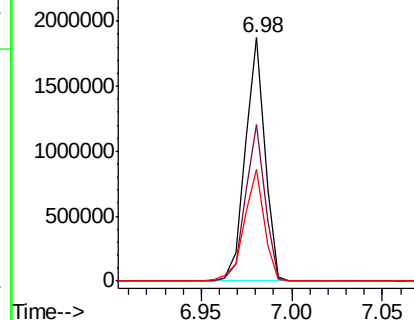
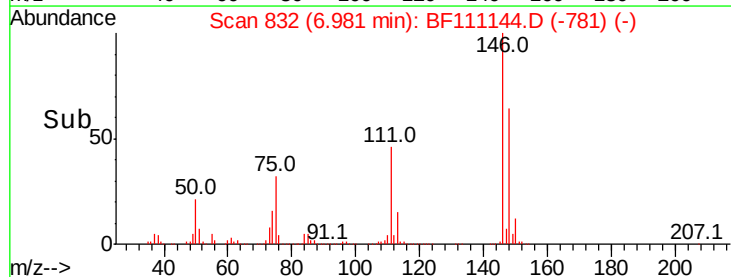
111 46.1 35.7 53.5

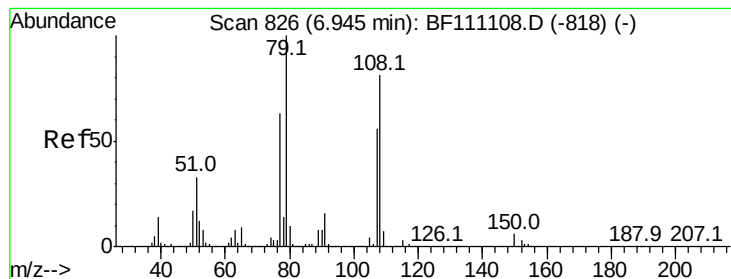


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.249 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampled :

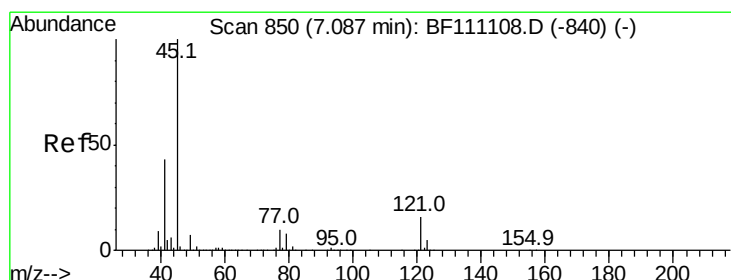
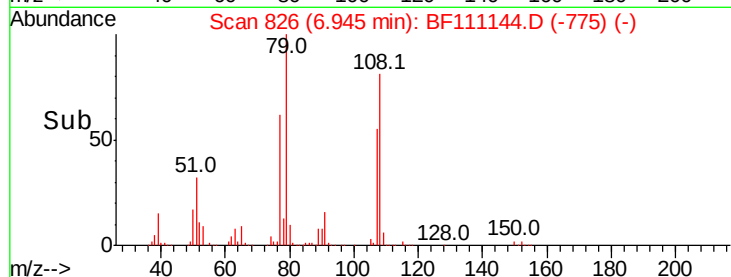
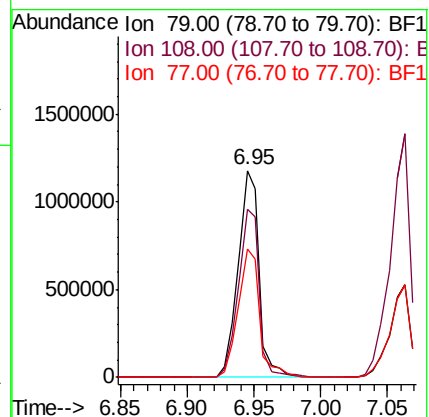
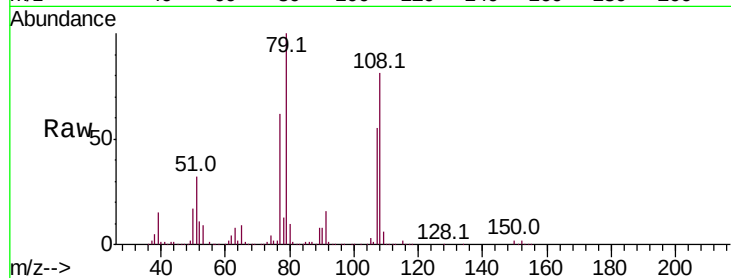
Tot Ion: 79 Resp: 1305948

Ion Ratio Lower Upper

79 100

108 81.2 64.5 96.7

77 62.1 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.697 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

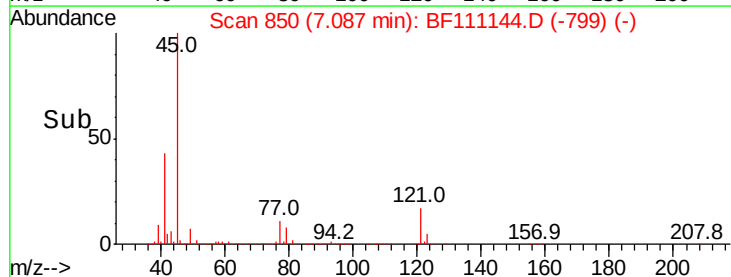
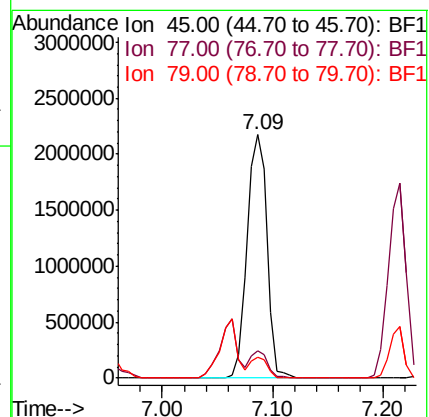
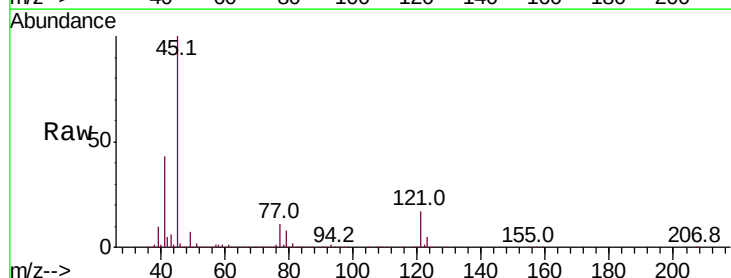
Tgt Ion: 45 Resp: 2749752

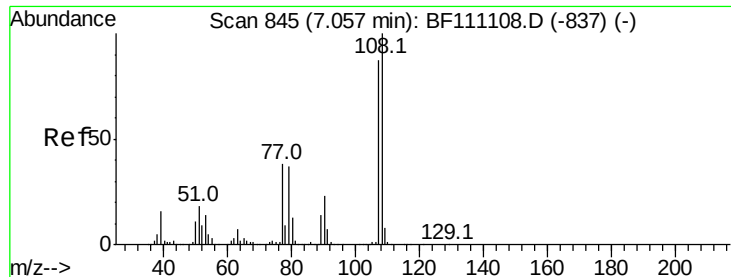
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.6

79 8.3 0.0 28.4





#17

2-Methylphenol

Concen: 41.894 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

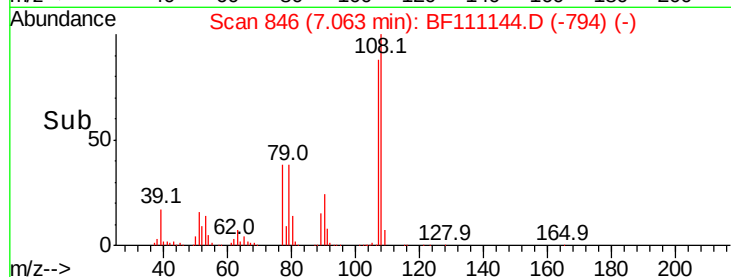
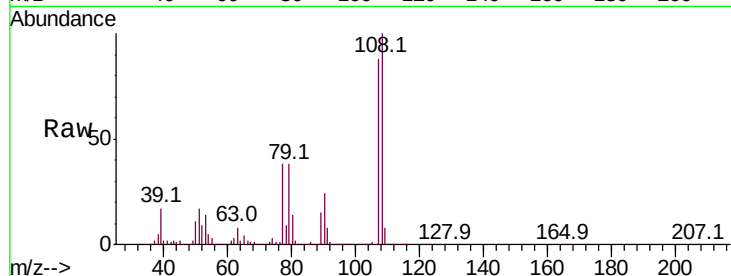
Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1229531

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.8
77	43.4	34.7	52.1
79	43.1	34.2	51.2

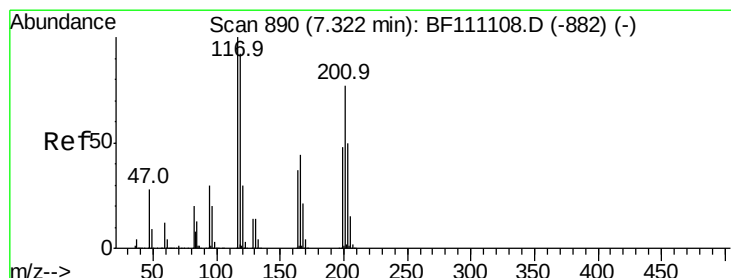


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.858 ng

RT: 7.32 min Scan# 890

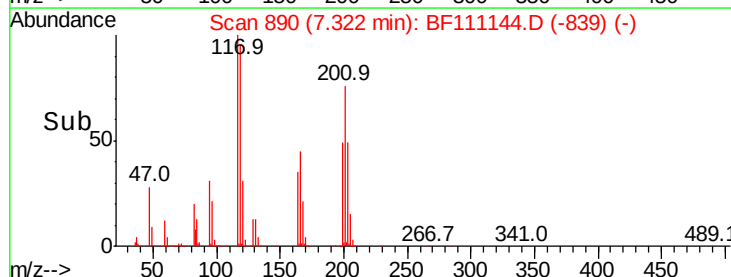
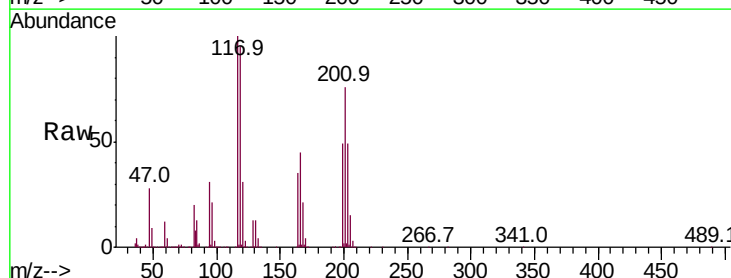
Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Tgt Ion:117 Resp: 572142

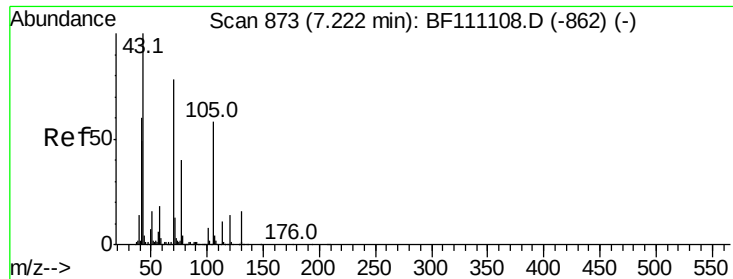
Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.8	110.6
201	76.2	61.2	91.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

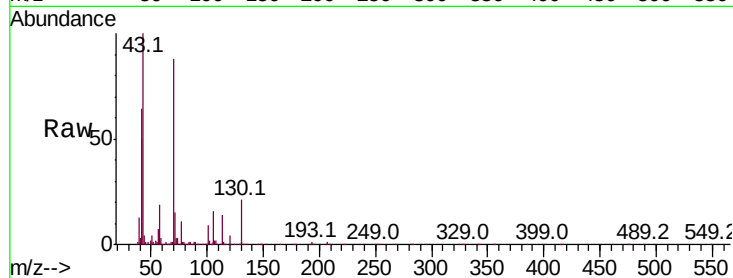
Ion 201.00 (200.70 to 201.70): E



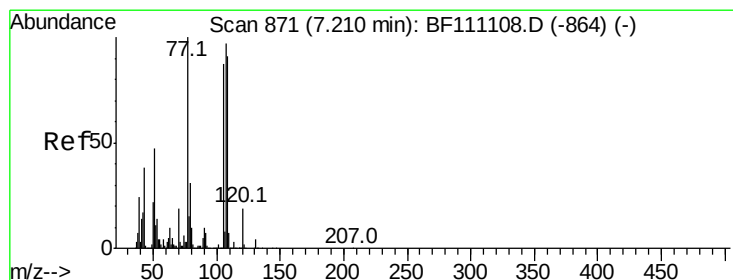
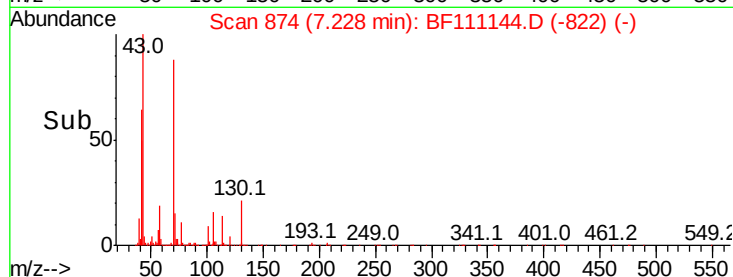
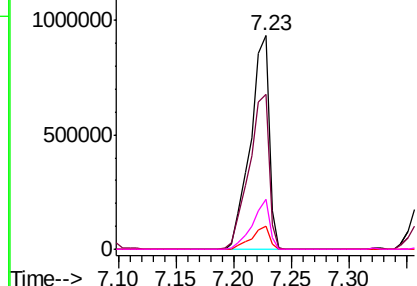
#19
n-Nitroso-di-n-propylamine
Concen: 39.220 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 1053151
Ion Ratio Lower Upper
70 100
42 72.6 61.3 91.9
101 10.6 7.7 11.5
130 23.7 16.3 24.5

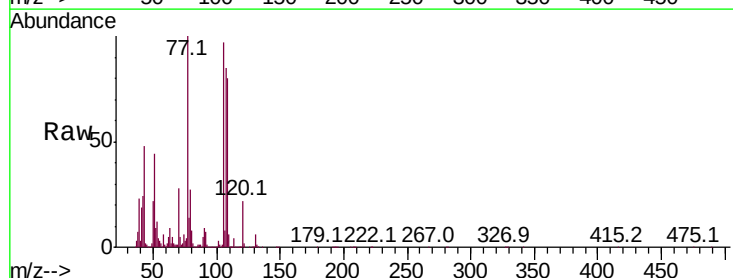


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

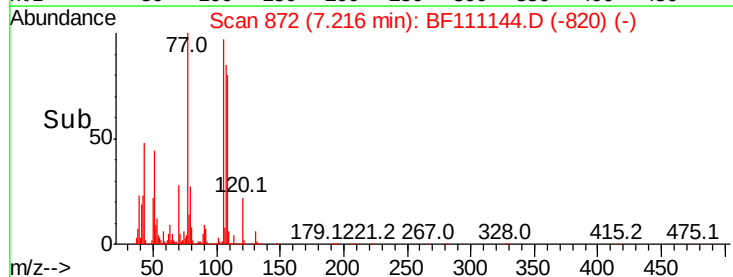
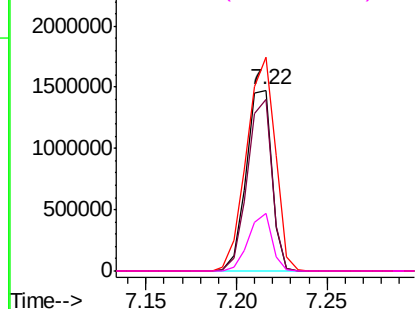


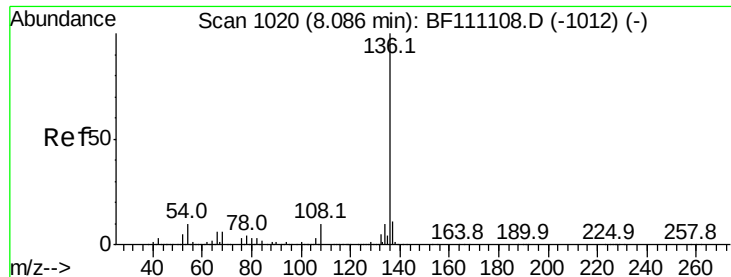
#20
3+4-Methylphenols
Concen: 40.609 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:107 Resp: 1453621
Ion Ratio Lower Upper
107 100
108 94.6 74.0 114.0
77 118.1 83.2 123.2
79 31.6 11.6 51.6



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

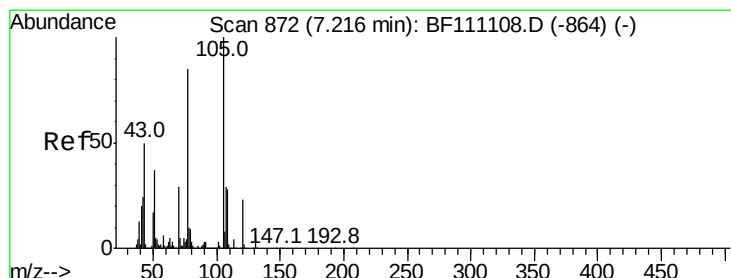
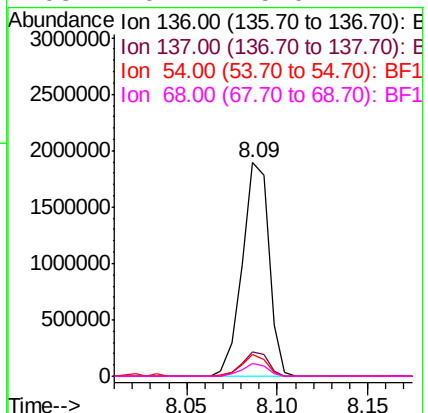
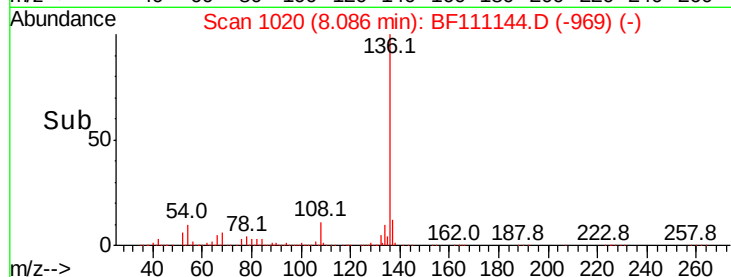
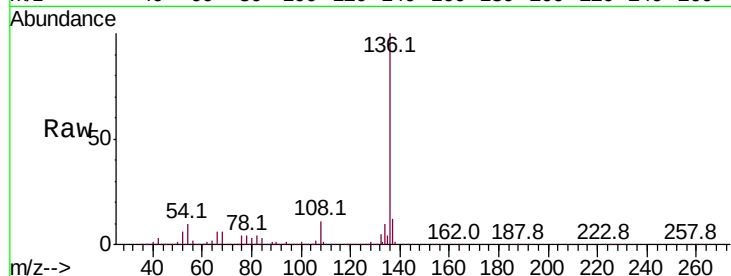




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

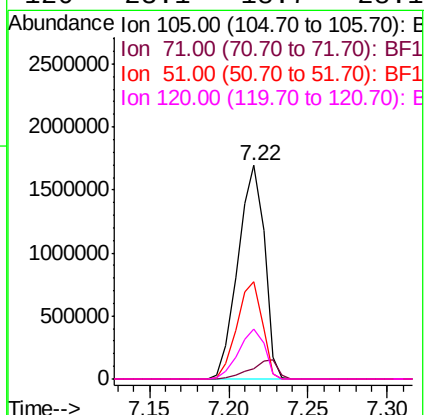
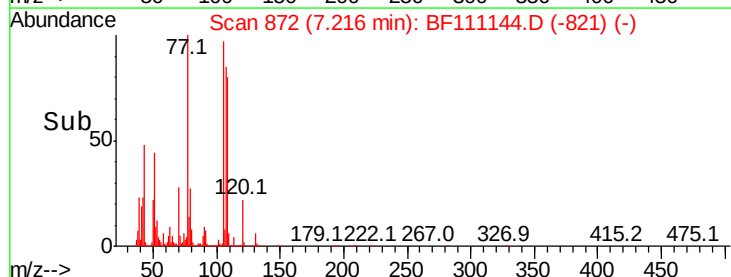
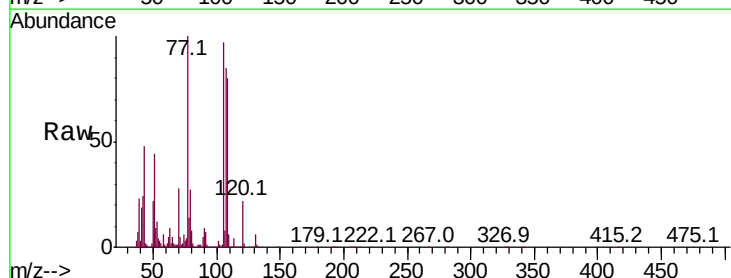
Instrument :
BNA_F
ClientSampleId :

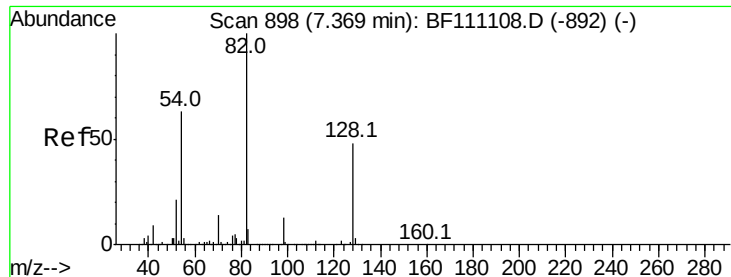
Tot Ion:	136	Resp:	1937347
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.2	8.4	12.6
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 41.838 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:	105	Resp:	1958754
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.0	6.0
51	45.6	29.8	44.8#
120	23.1	18.7	28.1

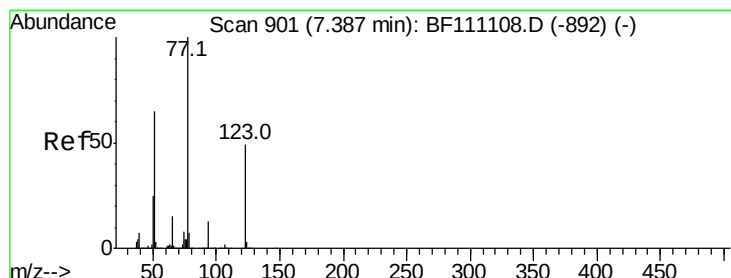
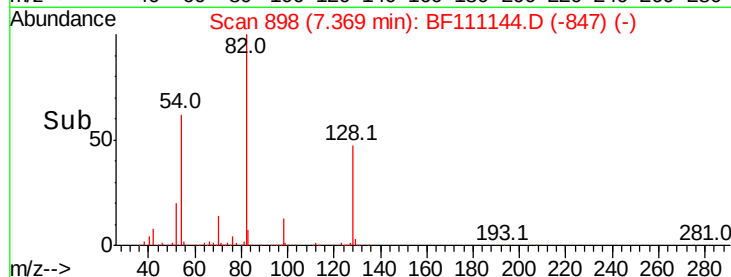
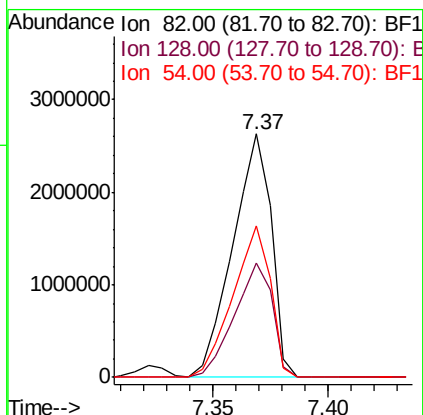
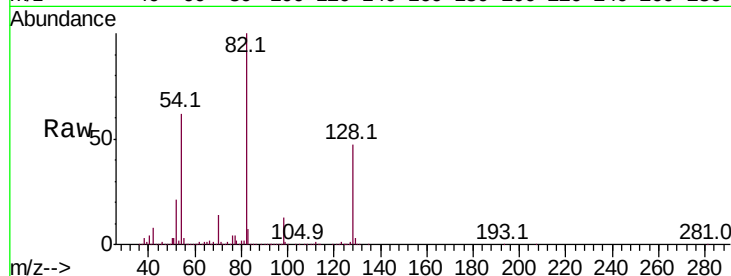




#23
 Nitrobenzene-d5
 Concen: 93.403 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

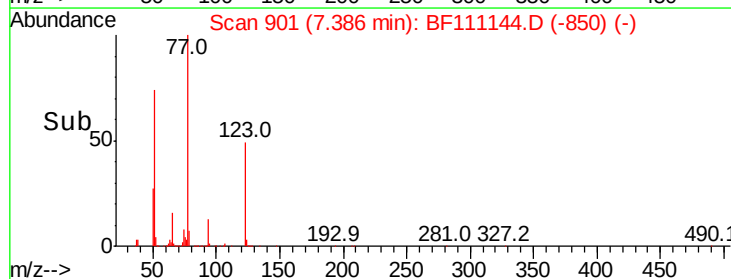
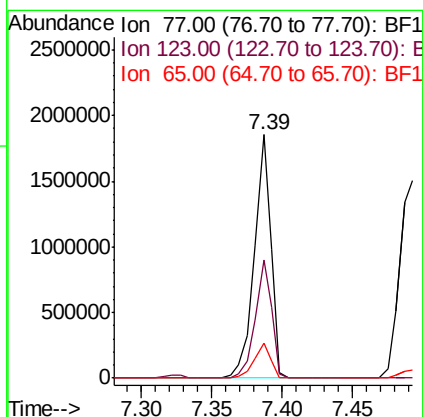
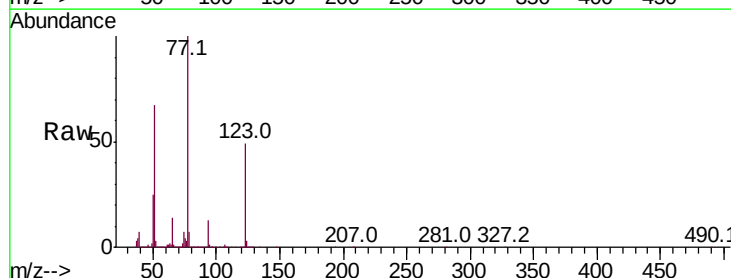
Instrument :
 BNA_F
 ClientSampleId :

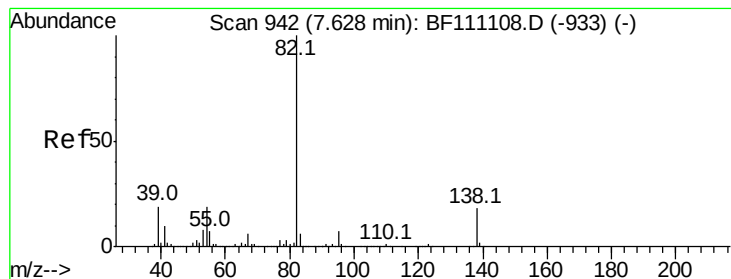
Tot Ion: 82 Resp: 3056495
 Ion Ratio Lower Upper
 82 100
 128 47.1 38.1 57.1
 54 62.3 50.3 75.5



#24
 Nitrobenzene
 Concen: 43.423 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion: 77 Resp: 1528684
 Ion Ratio Lower Upper
 77 100
 123 48.5 39.5 59.3
 65 14.4 11.8 17.6





#25

Isophorone

Concen: 46.855 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

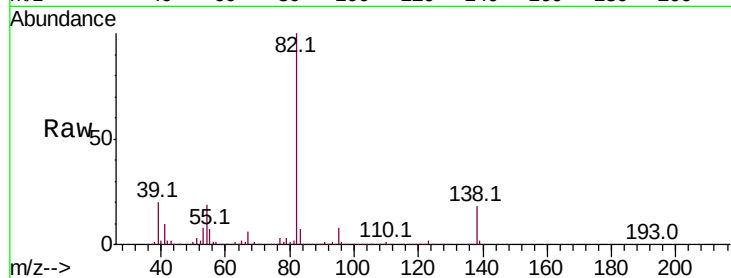
Tot Ion: 82 Resp: 2813881

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

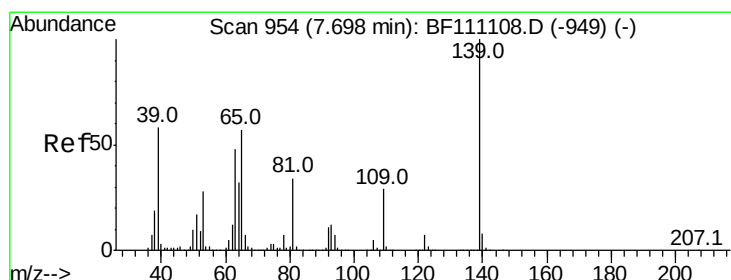
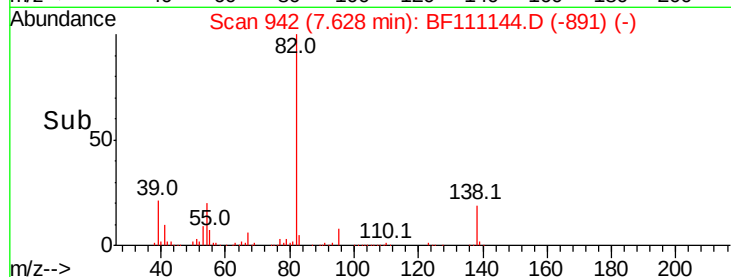
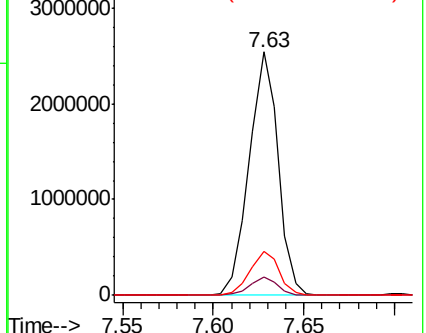
138 18.3 14.6 22.0



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: 51.212 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

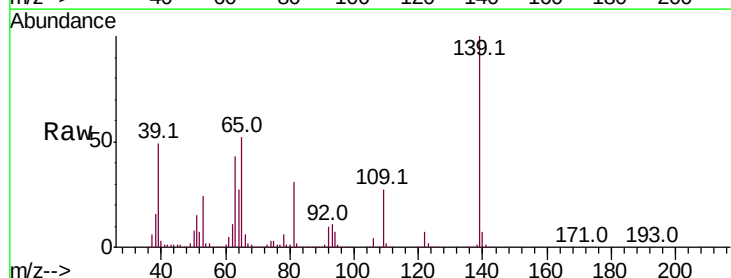
Tgt Ion: 139 Resp: 761787

Ion Ratio Lower Upper

139 100

109 26.6 23.1 34.7

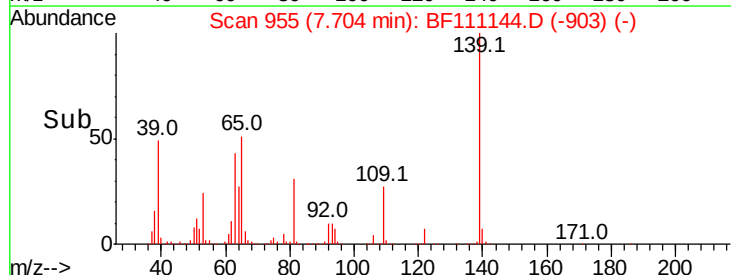
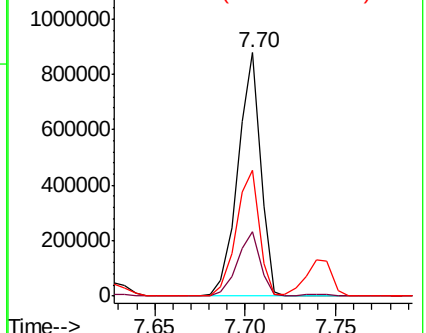
65 51.5 45.9 68.9

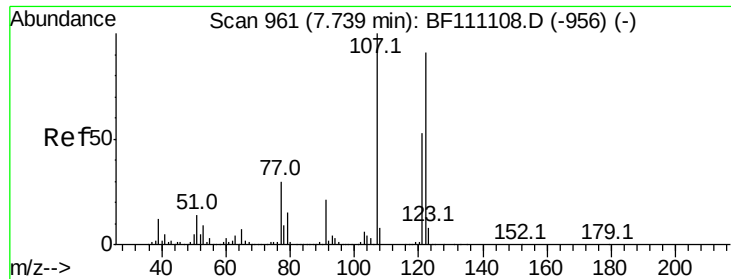


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

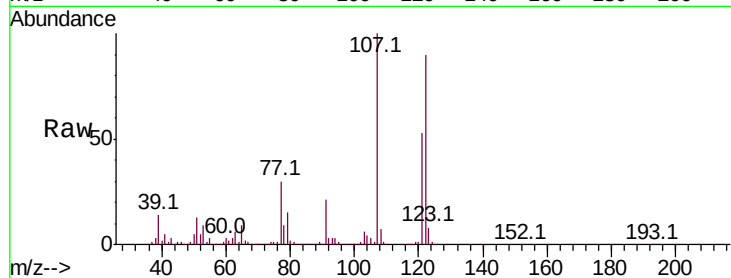




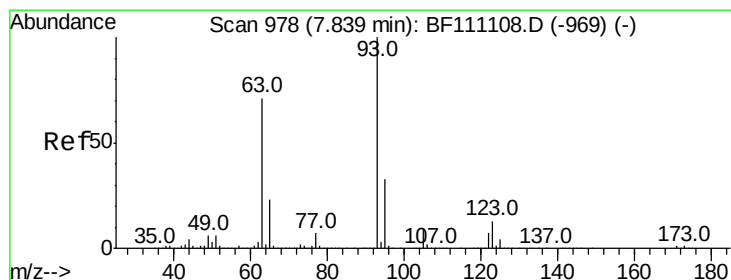
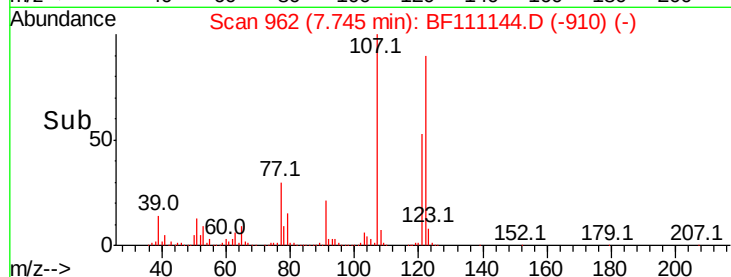
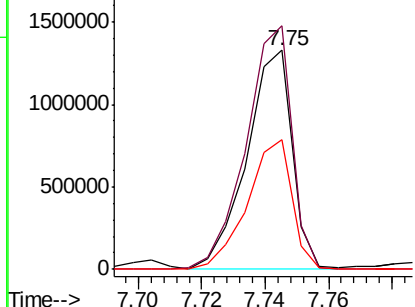
#27
 2,4-Dimethylphenol
 Concen: 47.591 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1333239
 Ion Ratio Lower Upper
 122 100
 107 111.1 87.4 131.0
 121 59.0 45.9 68.9

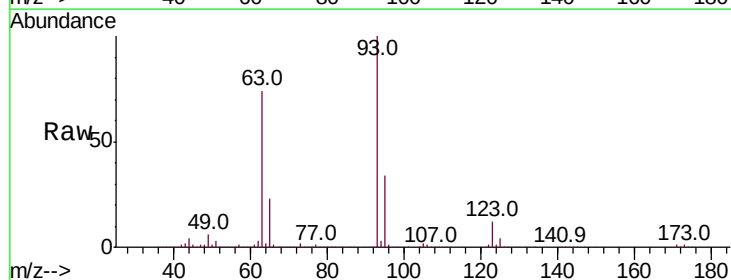


Abundance Ion 122.00 (121.70 to 122.70): E
 2000000
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

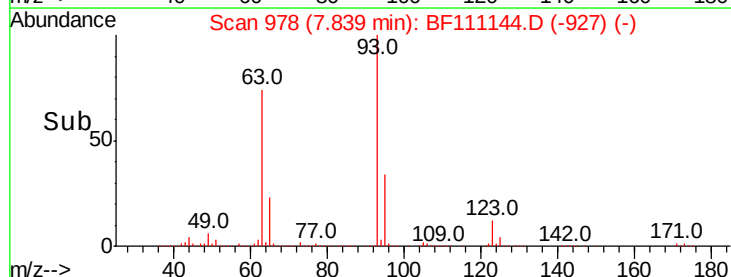
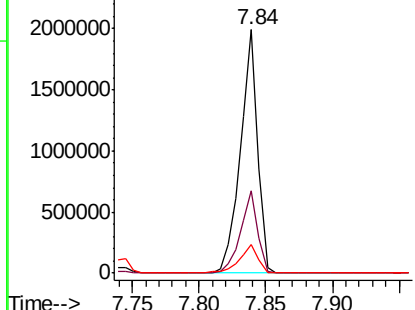


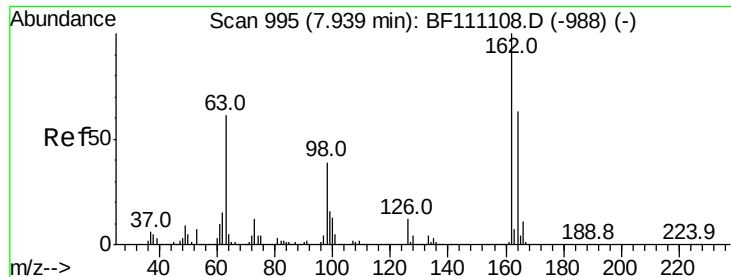
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.843 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion: 93 Resp: 1782458
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.6 39.8
 123 11.8 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 2500000
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

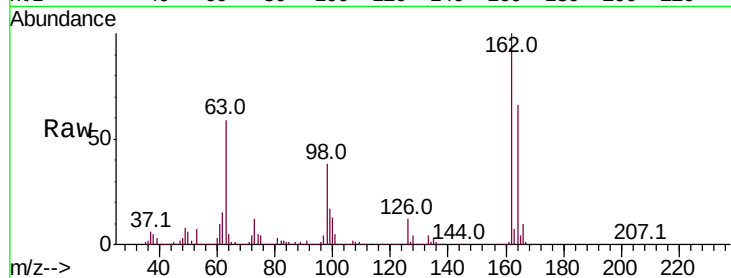




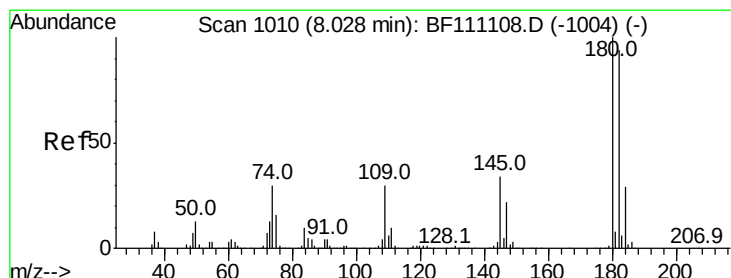
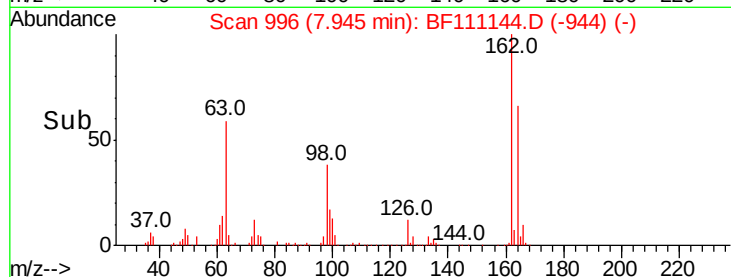
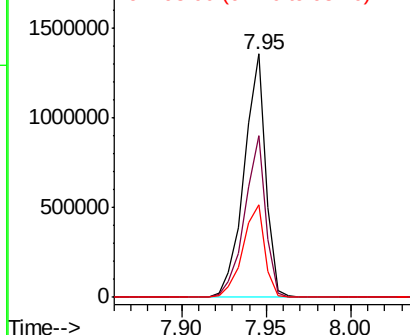
#29
2,4-Dichlorophenol
Concen: 44.118 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1216767
Ion Ratio Lower Upper
162 100
164 66.4 43.3 83.3
98 37.8 18.9 58.9

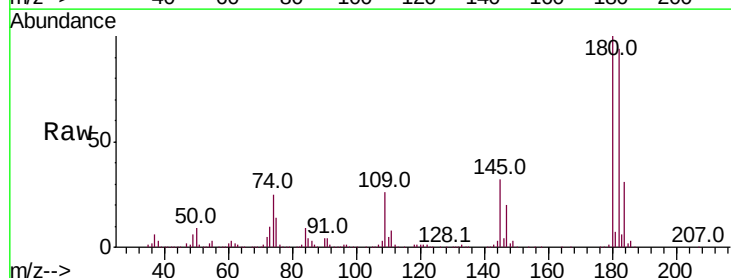


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

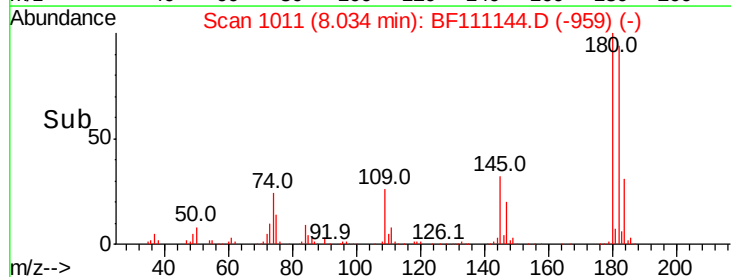
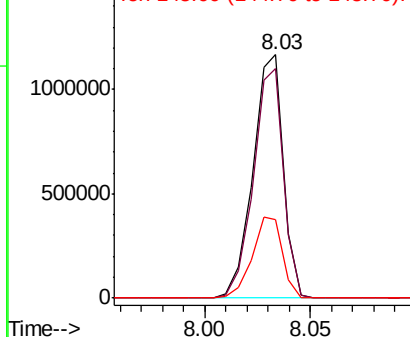


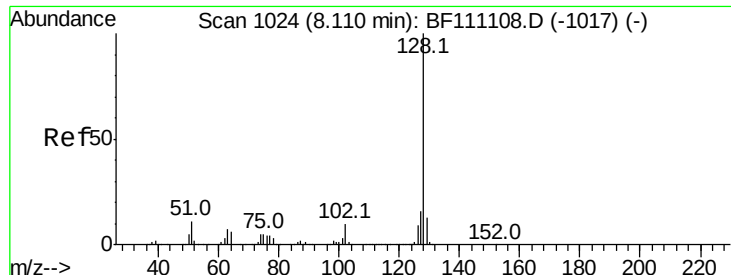
#30
1,2,4-Trichlorobenzene
Concen: 41.805 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:180 Resp: 1163755
Ion Ratio Lower Upper
180 100
182 94.5 75.1 112.7
145 32.1 27.6 41.4



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

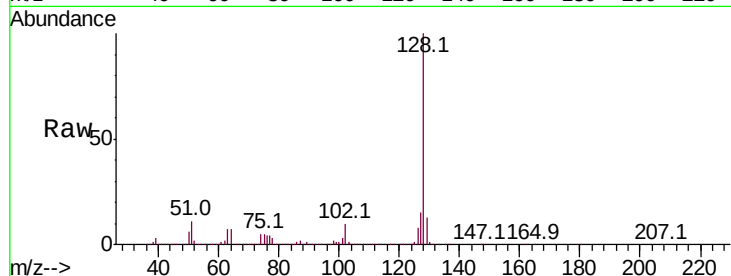




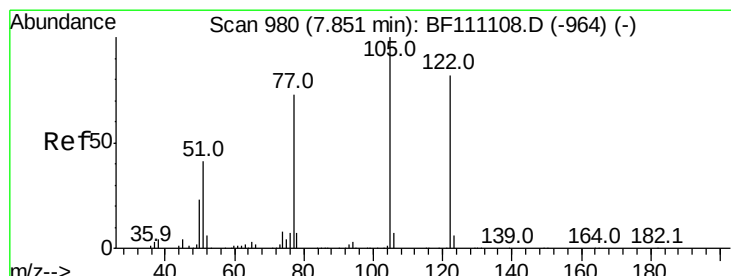
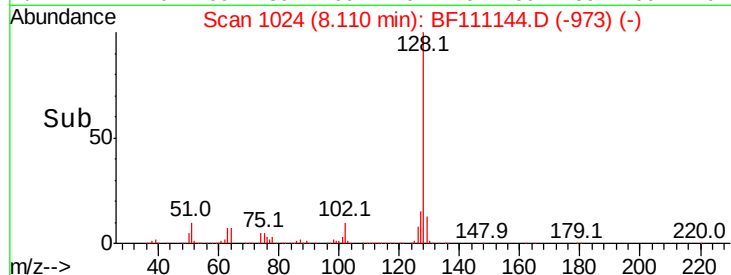
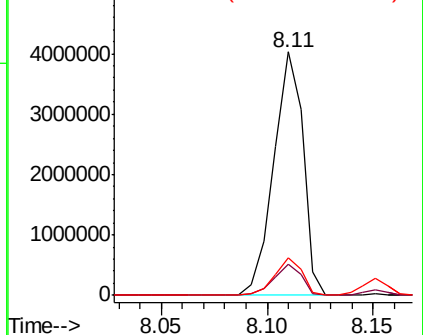
#31
Naphthalene
Concen: 46.357 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 3910164
Ion Ratio Lower Upper
128 100
129 13.0 10.5 15.7
127 15.2 12.5 18.7

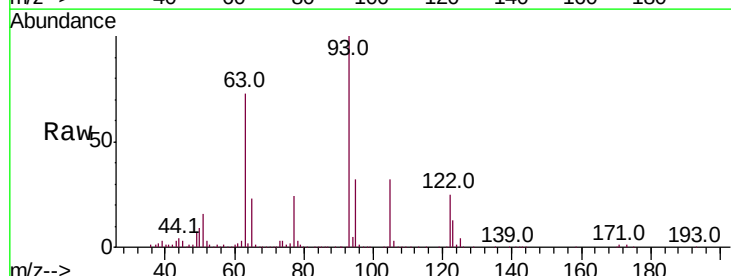


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

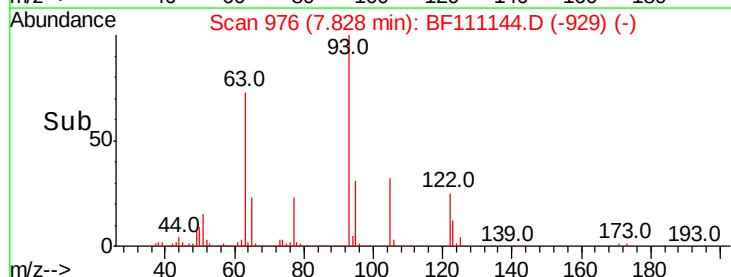
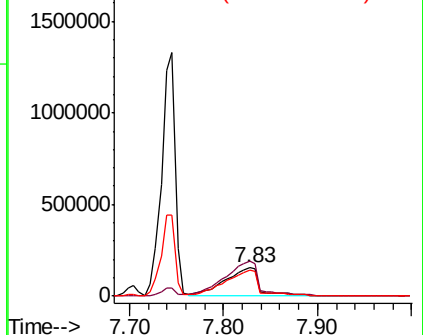


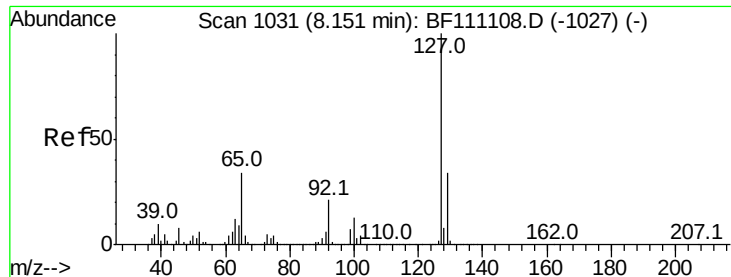
#32
Benzoic acid
Concen: 21.433 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:122 Resp: 395938
Ion Ratio Lower Upper
122 100
105 125.7 100.1 140.1
77 93.3 69.4 109.4



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

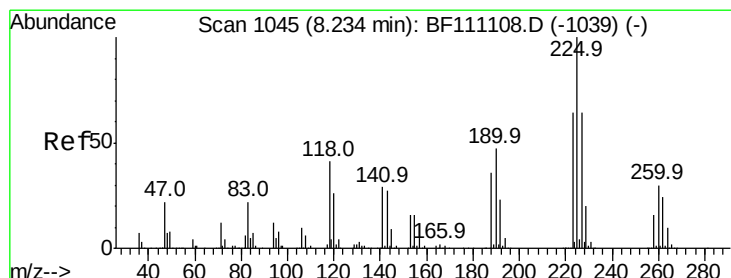
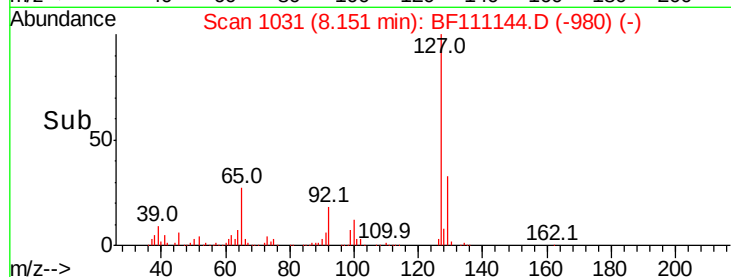
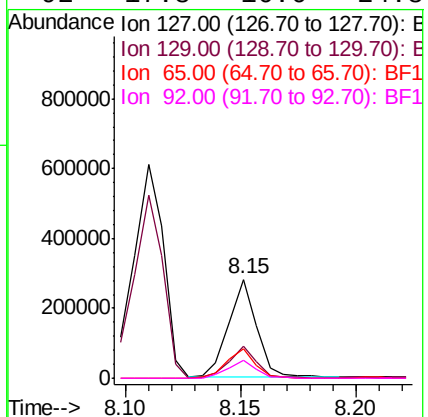
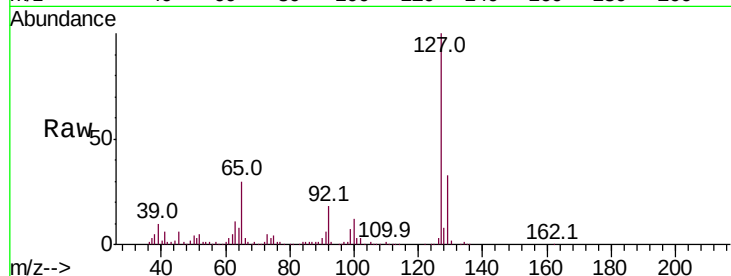




#33
4-Chloroaniline
Concen: 5.928 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

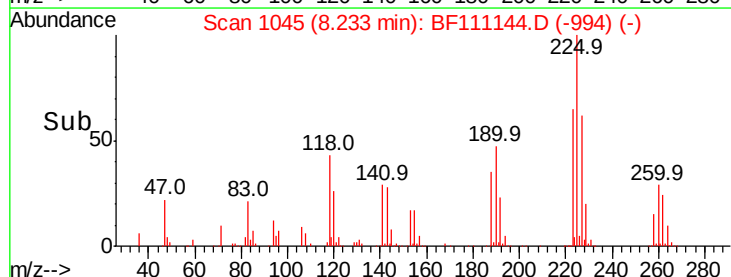
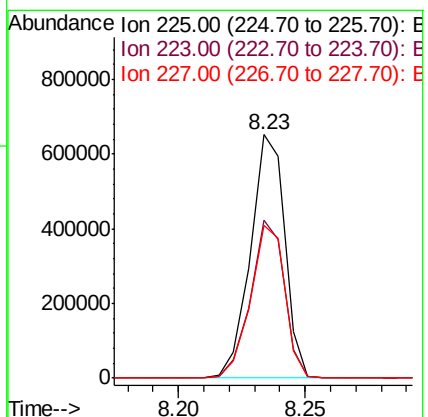
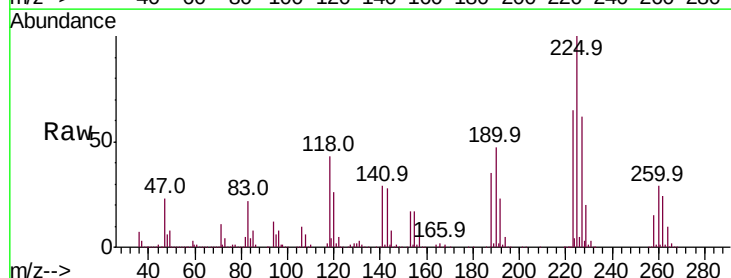
Instrument :
BNA_F
ClientSampled :

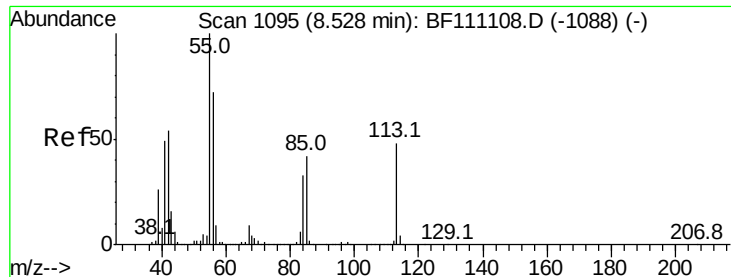
Tot Ion:	127	Resp:	241718
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.6
65	30.2	27.2	40.8
92	17.8	16.6	24.8



#34
Hexachlorobutadiene
Concen: 40.746 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:	225	Resp:	616414
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.2
227	62.5	51.0	76.4

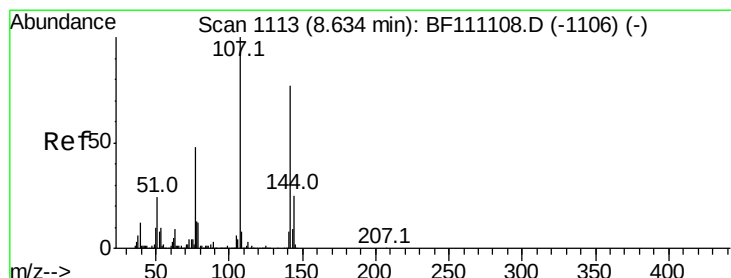
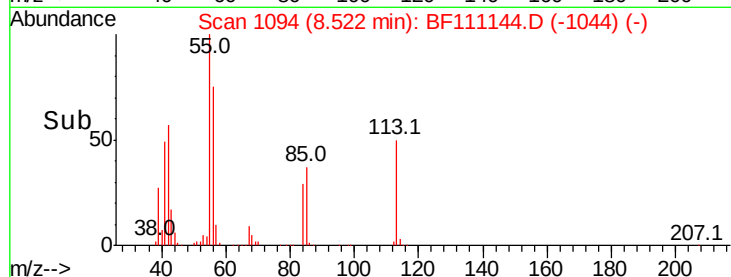
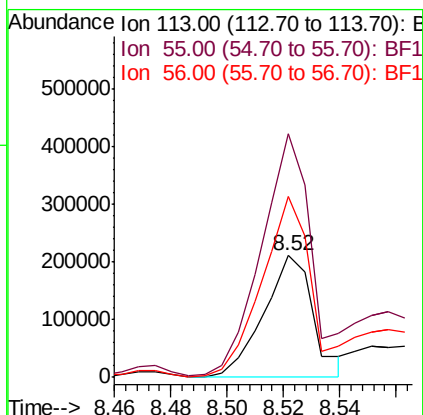
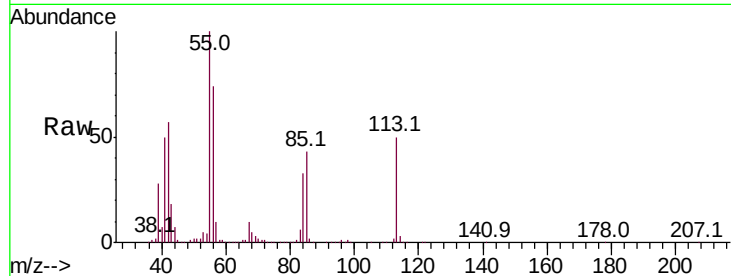




#35
Caprolactam
Concen: 24.943 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

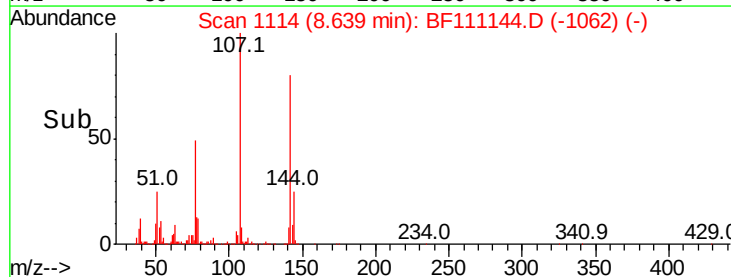
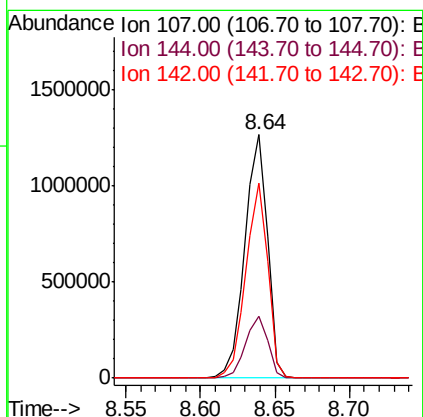
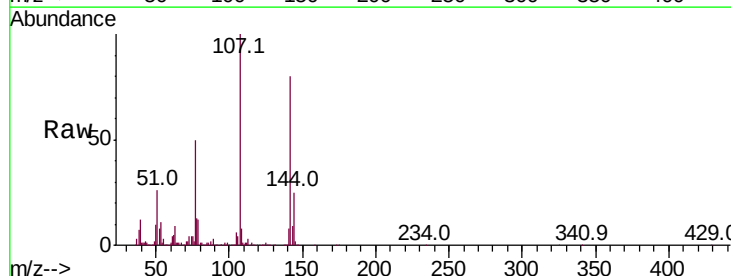
Instrument :
BNA_F
ClientSampleId :

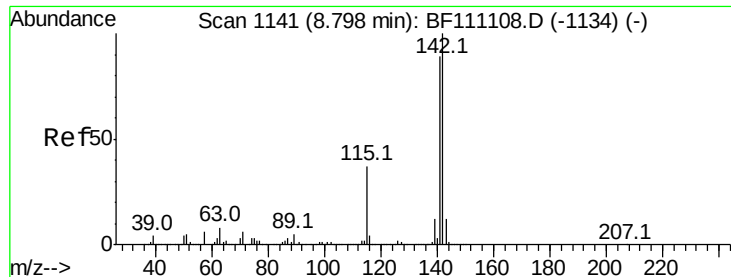
Tot Ion:113 Resp: 252582
Ion Ratio Lower Upper
113 100
55 200.4 190.6 230.6
56 149.1 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 43.924 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:107 Resp: 1326918
Ion Ratio Lower Upper
107 100
144 25.3 19.9 29.9
142 80.2 61.4 92.0





#37

2-Methylnaphthalene

Concen: 46.283 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

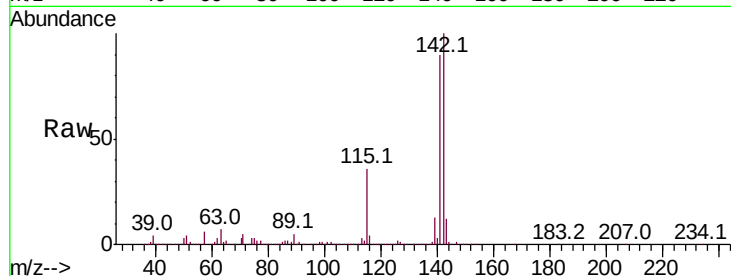
Tot Ion:142 Resp: 2692888

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.0

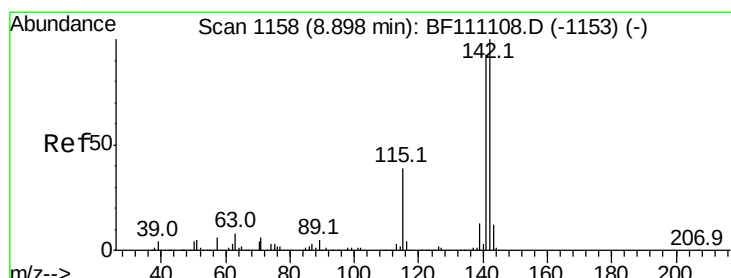
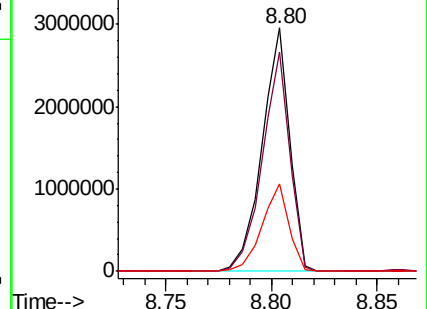
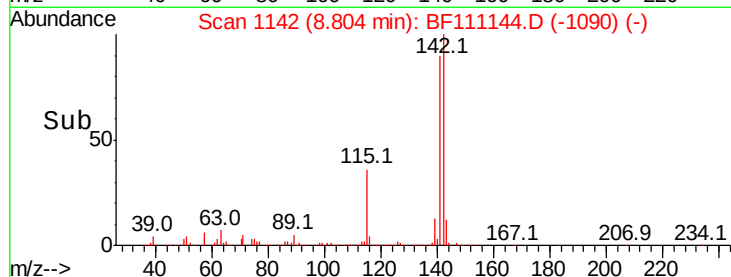
115 36.1 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.956 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

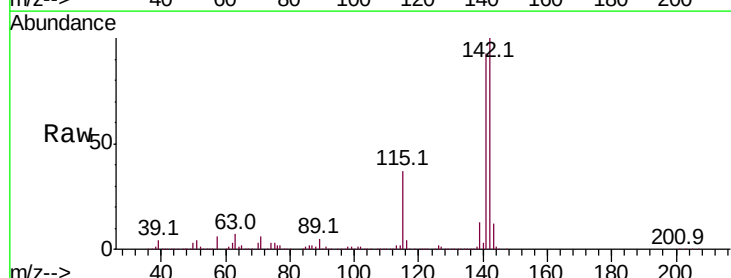
Tgt Ion:142 Resp: 2570703

Ion Ratio Lower Upper

142 100

141 93.2 74.5 111.7

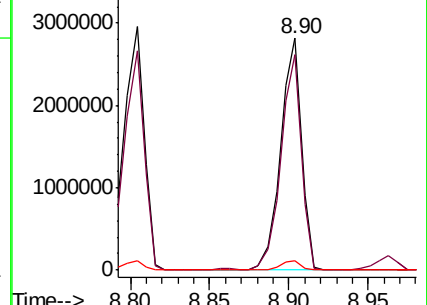
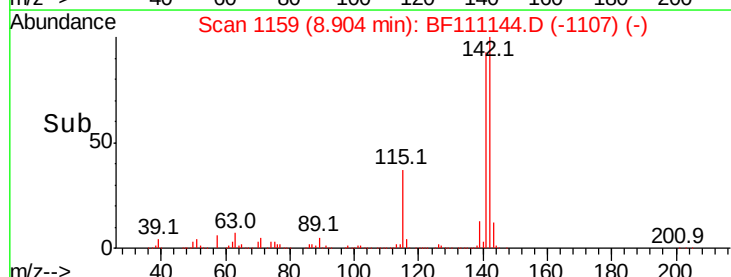
116 4.0 3.2 4.8

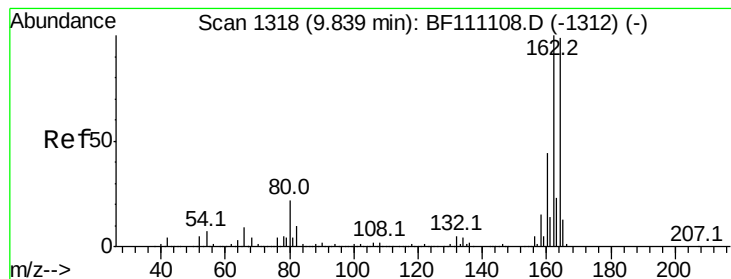


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

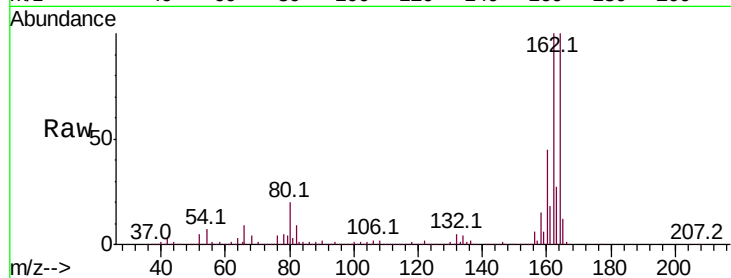
Tot Ion:164 Resp: 917424

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.8 35.5 53.3

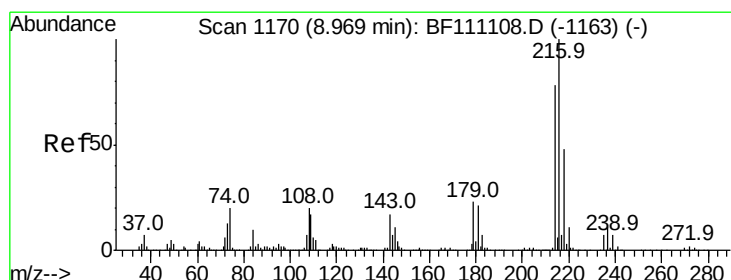
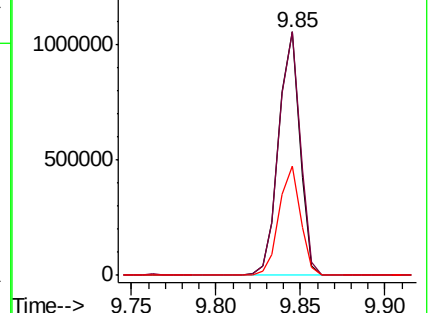
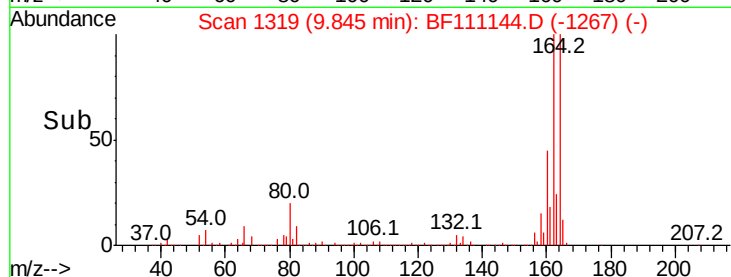


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.115 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Tgt Ion:216 Resp: 956402

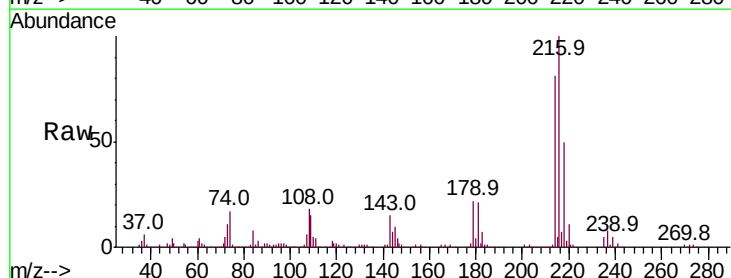
Ion Ratio Lower Upper

216 100

214 80.7 63.4 95.0

179 23.1 18.5 27.7

108 25.1 19.1 28.7



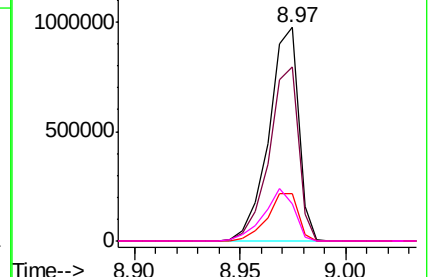
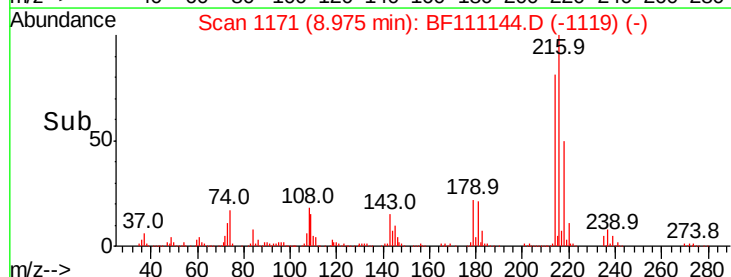
Abundance

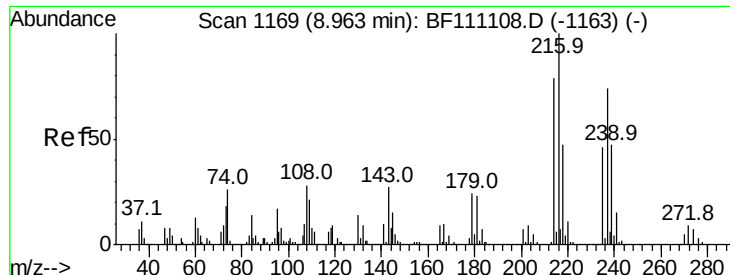
Ion 216.00 (215.70 to 216.70): E

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: 85.803 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

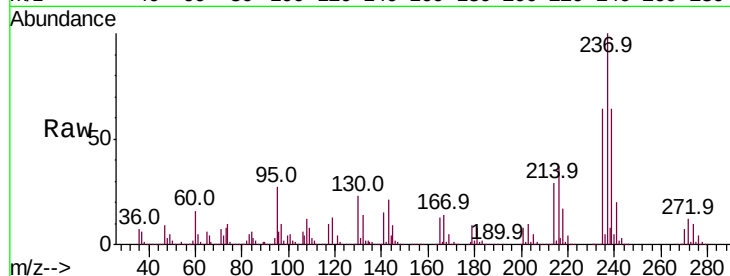
Tot Ion:237 Resp: 1106243

Ion Ratio Lower Upper

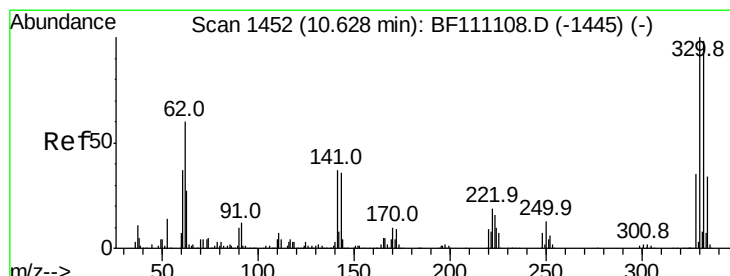
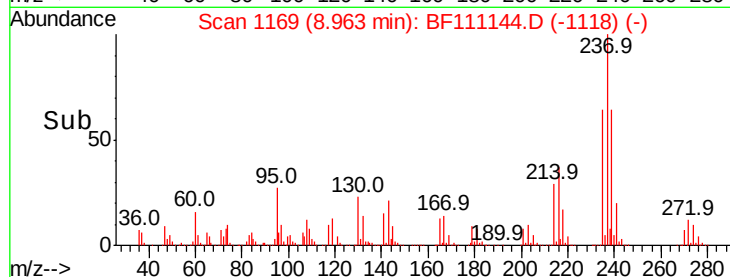
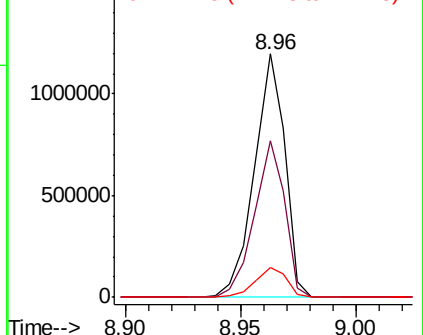
237 100

235 64.2 41.9 81.9

272 12.2 0.0 32.7



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: 133.626 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

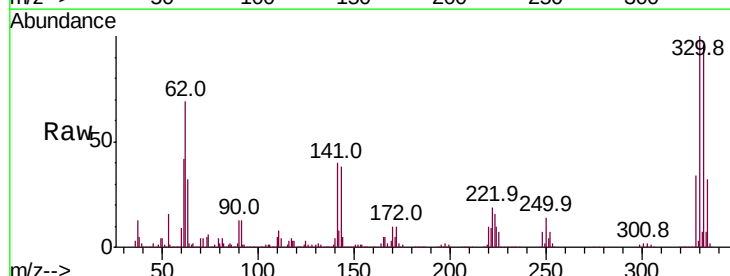
Tgt Ion:330 Resp: 974463

Ion Ratio Lower Upper

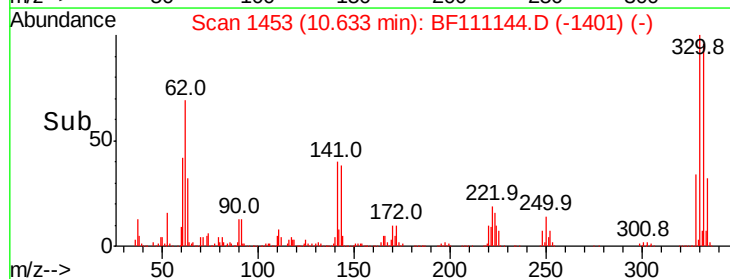
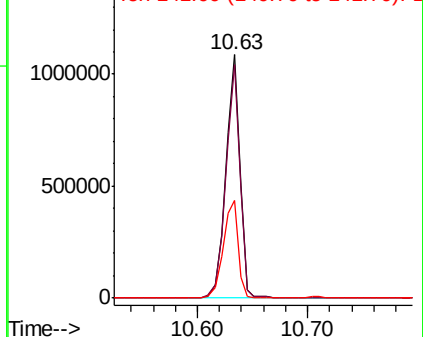
330 100

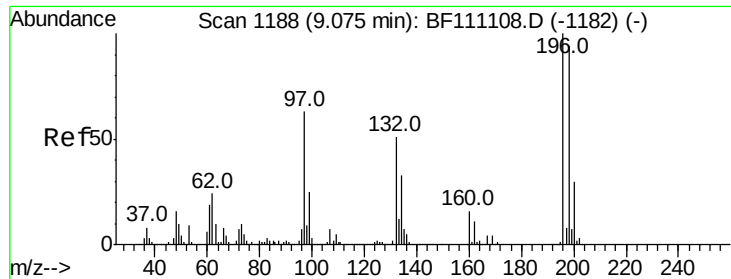
332 95.8 77.2 115.8

141 42.5 36.1 54.1



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

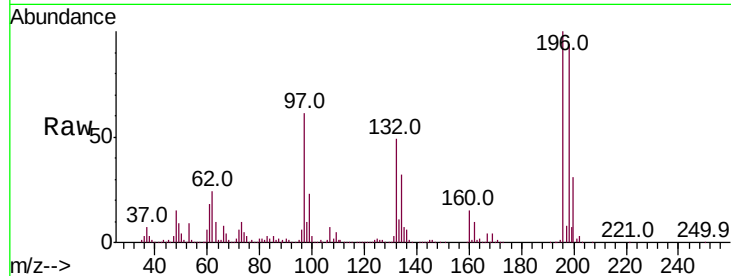




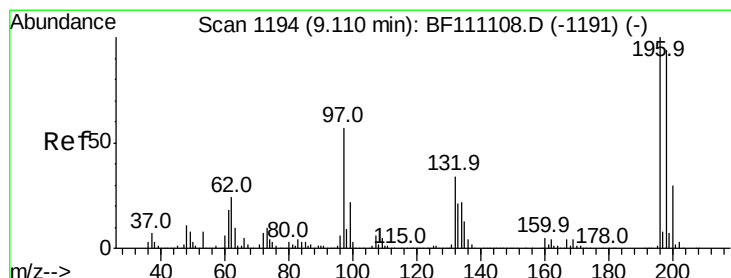
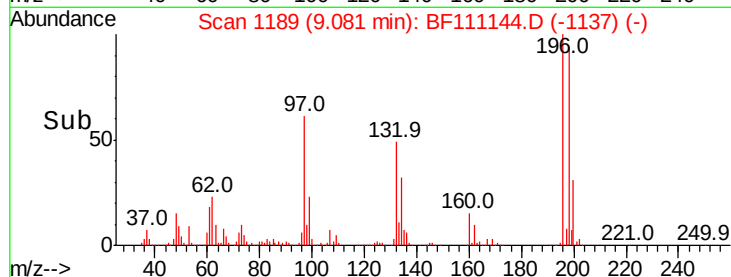
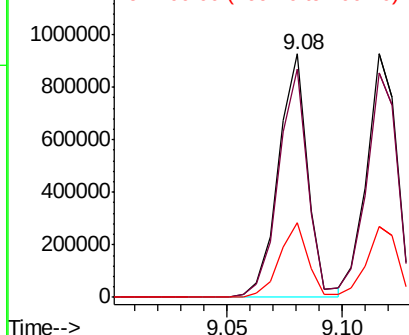
#43
 2,4,6-Trichlorophenol
 Concen: 45.426 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 811225
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.0
 200 30.6 24.2 36.4

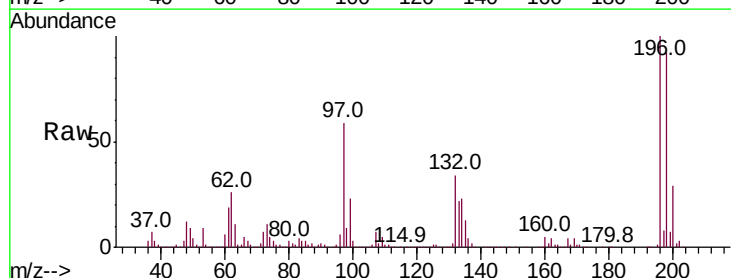


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

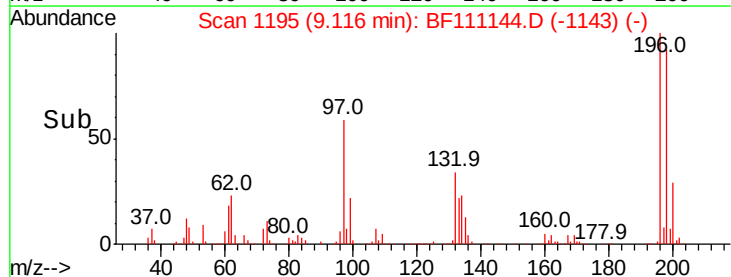
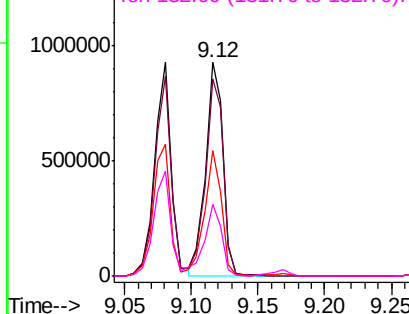


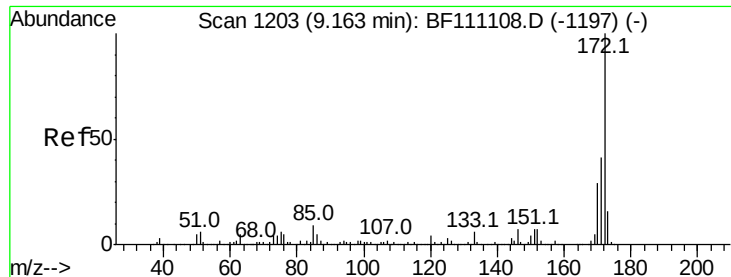
#44
 2,4,5-Trichlorophenol
 Concen: 46.338 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion:196 Resp: 838849
 Ion Ratio Lower Upper
 196 100
 198 92.2 75.0 112.4
 97 59.0 46.2 69.4
 132 33.8 27.2 40.8



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

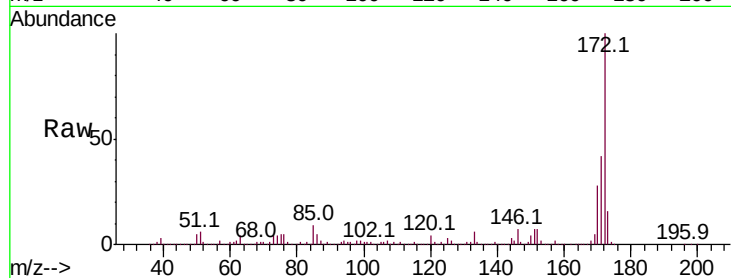




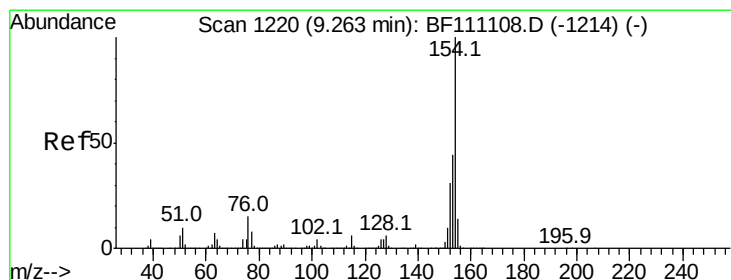
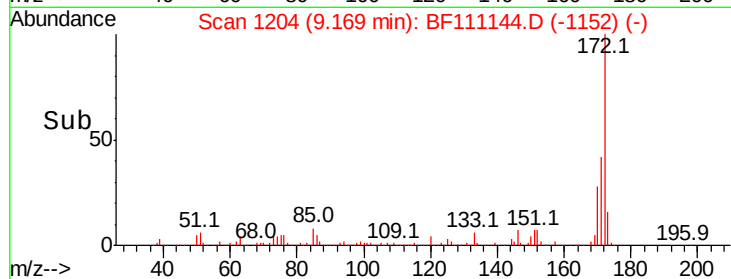
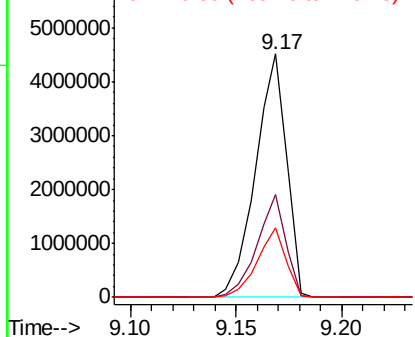
#45
2-Fluorobiphenyl
Concen: 94.681 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4611441
Ion Ratio Lower Upper
172 100
171 42.2 33.2 49.8
170 28.5 22.9 34.3

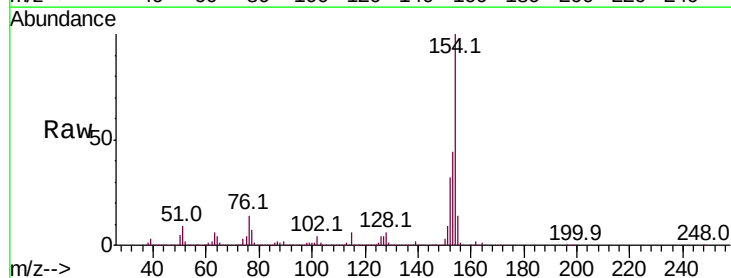


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

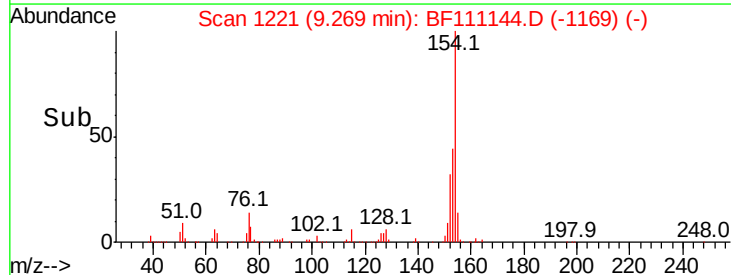
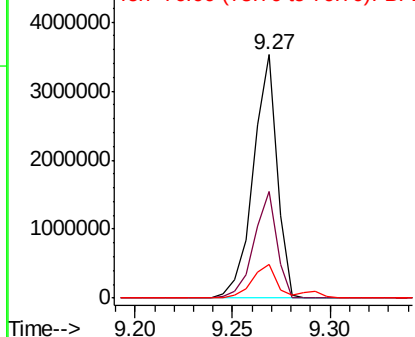


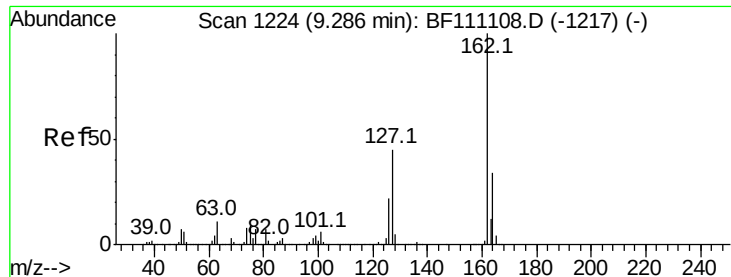
#46
1,1'-Biphenyl
Concen: 39.794 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:154 Resp: 2988625
Ion Ratio Lower Upper
154 100
153 44.0 23.7 63.7
76 13.9 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



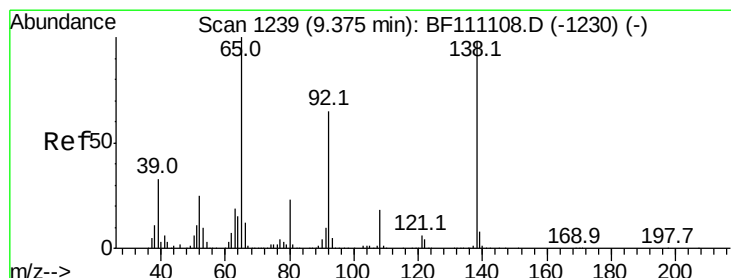
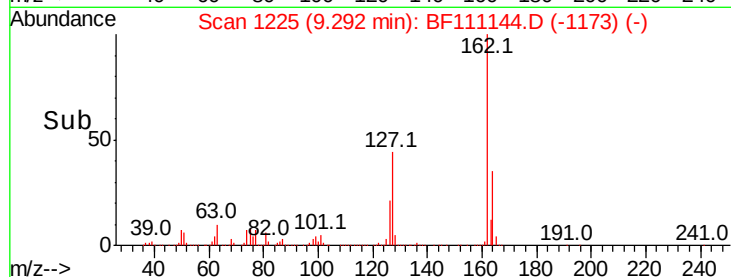
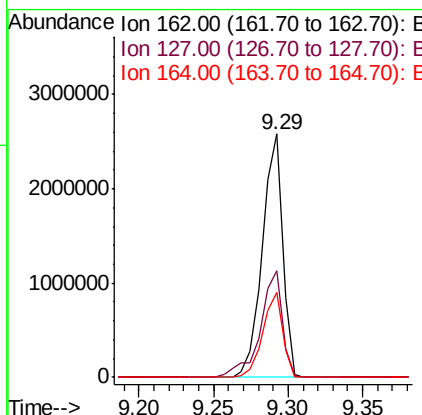
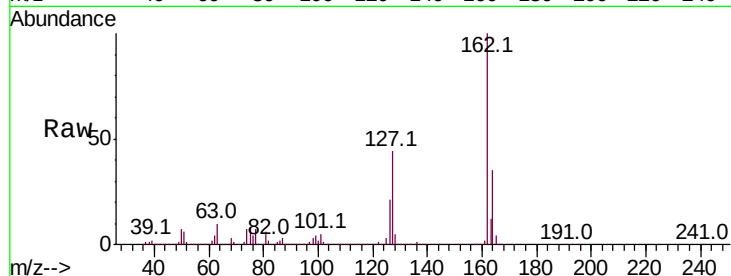


#47
 2-Chloronaphthalene
 Concen: 41.431 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2417877

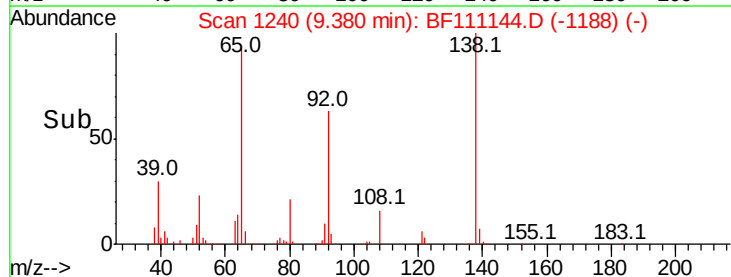
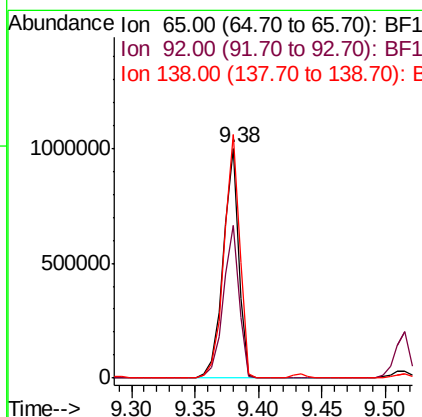
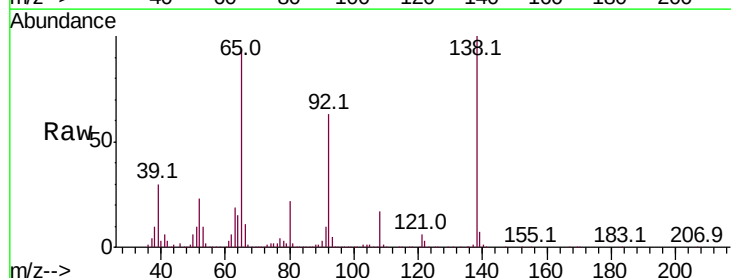
Ion	Ratio	Lower	Upper
162	100		
127	44.1	36.4	54.6
164	34.9	27.3	40.9

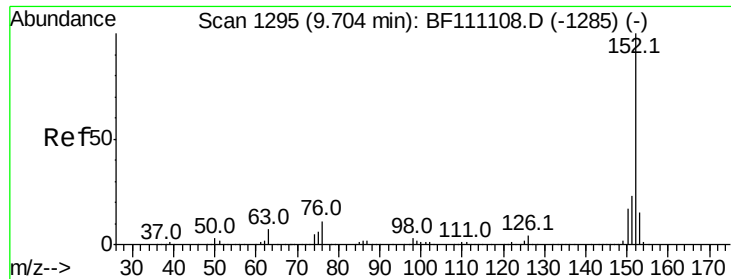


#48
 2-Nitroaniline
 Concen: 45.286 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion: 65 Resp: 856483

Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.1	78.1
138	106.0	78.2	117.4





#49

Acenaphthylene

Concen: 46.228 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampled :

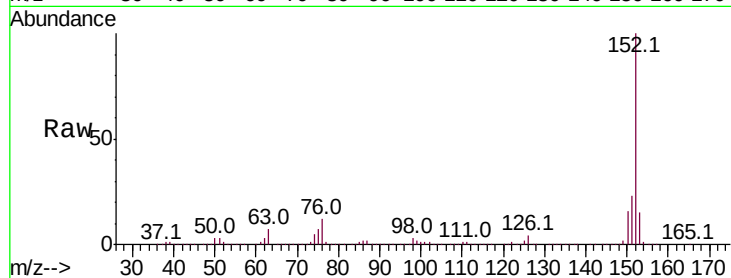
Tot Ion:152 Resp: 3771035

Ion Ratio Lower Upper

152 100

151 22.5 18.3 27.5

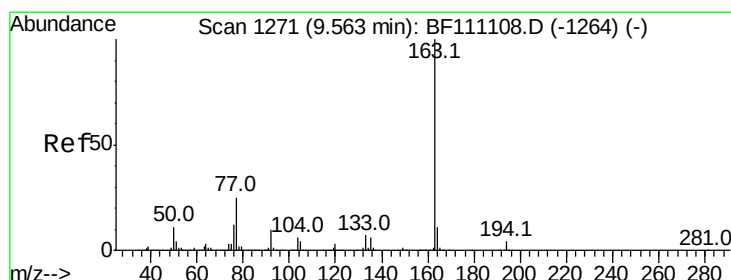
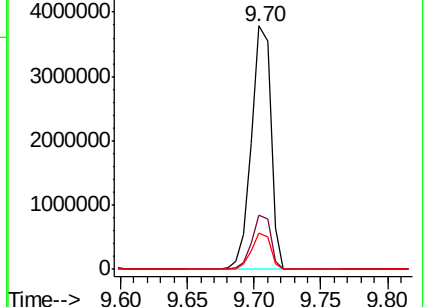
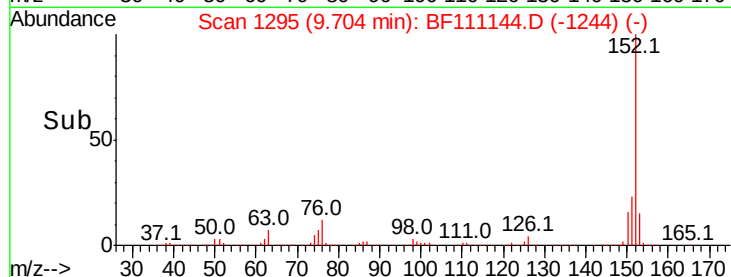
153 15.1 11.8 17.8



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: 51.900 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

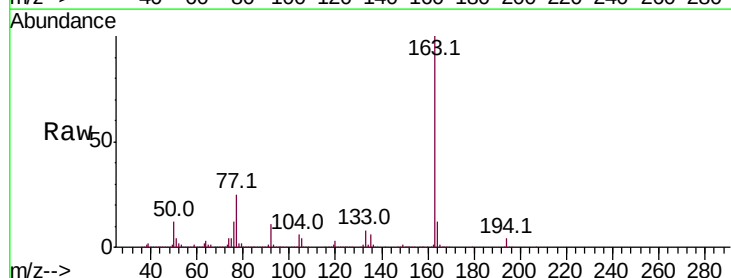
Tgt Ion:163 Resp: 3313758

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

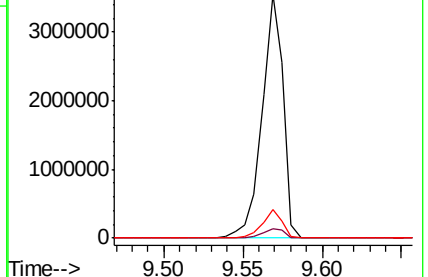
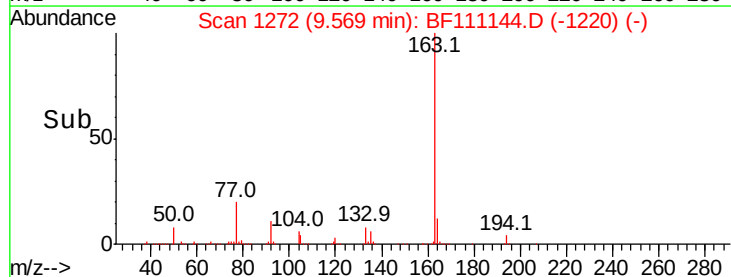
164 11.6 8.9 13.3

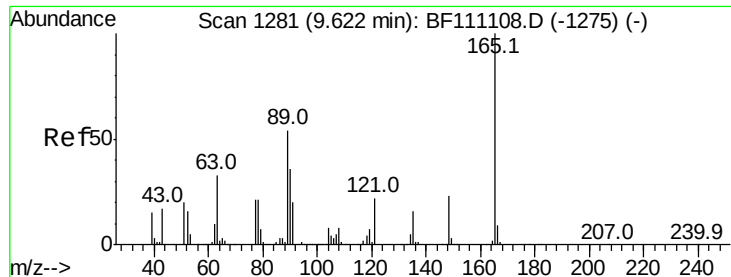


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

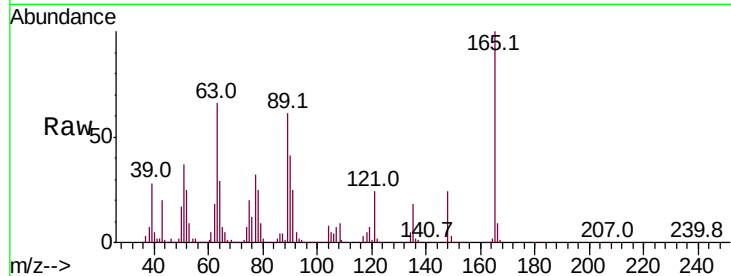




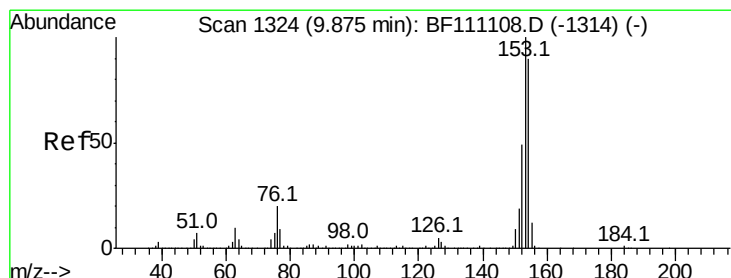
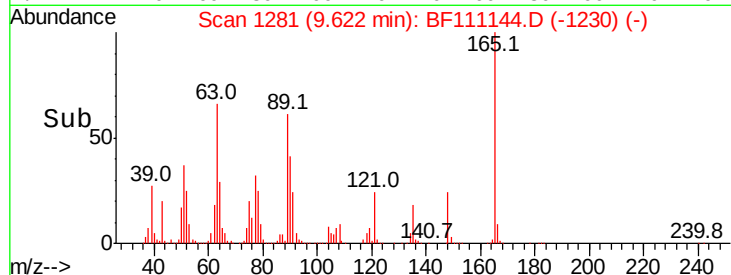
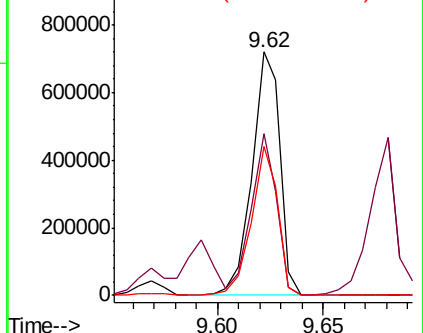
#51
 2,6-Dinitrotoluene
 Concen: 48.870 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 661556
 Ion Ratio Lower Upper
 165 100
 63 66.3 44.7 67.1
 89 61.3 43.0 64.4

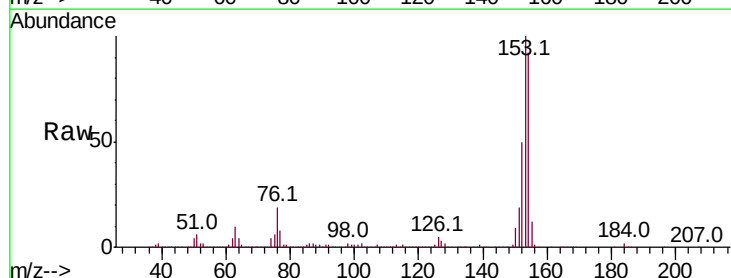


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

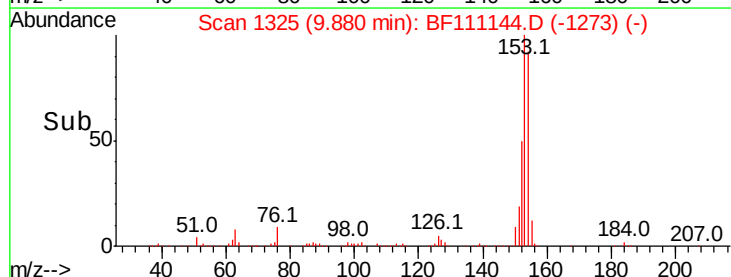
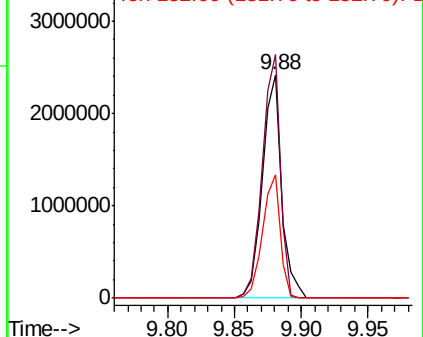


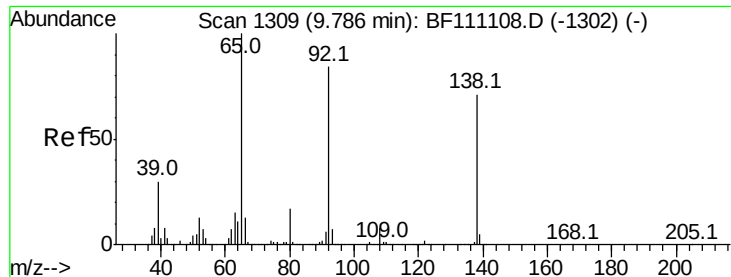
#52
 Acenaphthene
 Concen: 44.287 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion:154 Resp: 2386698
 Ion Ratio Lower Upper
 154 100
 153 108.8 88.7 133.1
 152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

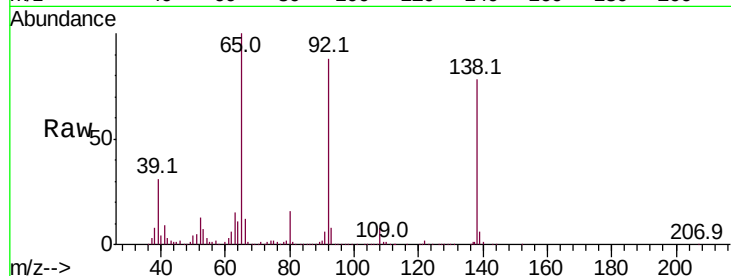




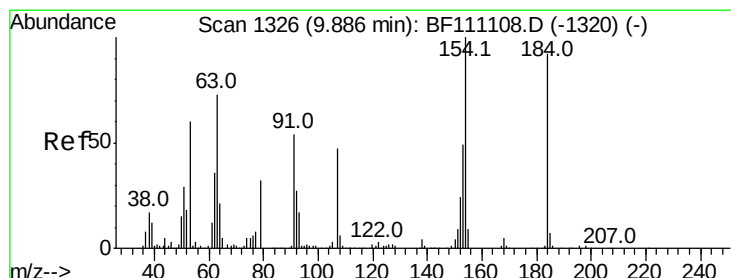
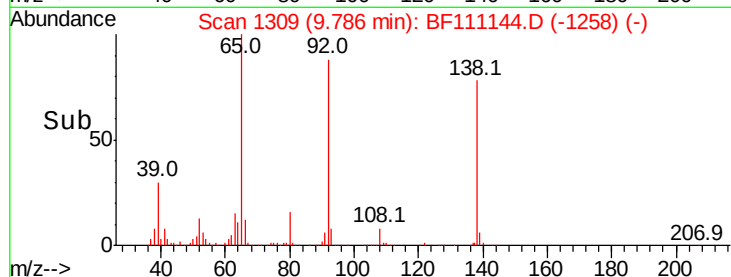
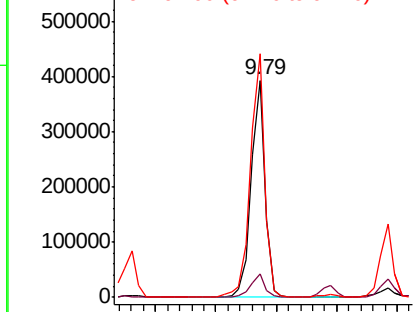
#53
3-Nitroaniline
Concen: 18.689 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 317784
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 112.3 94.1 141.1

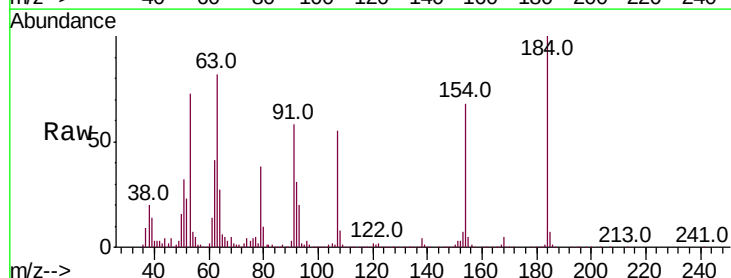


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

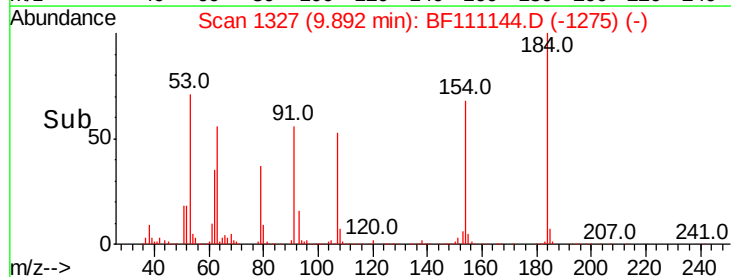
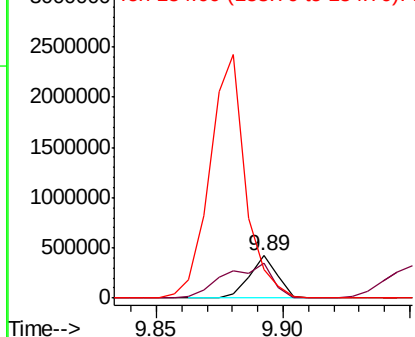


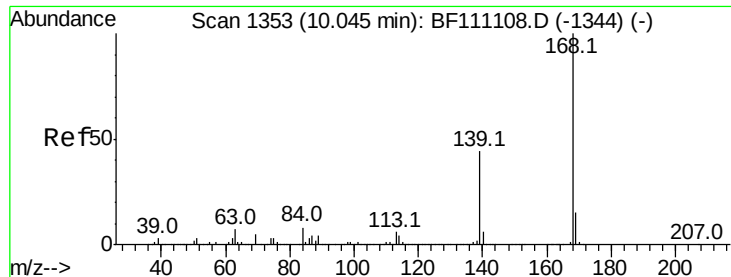
#54
2,4-Dinitrophenol
Concen: 75.457 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:184 Resp: 321895
Ion Ratio Lower Upper
184 100
63 82.4 64.2 96.4
154 68.0 89.5 134.3#



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

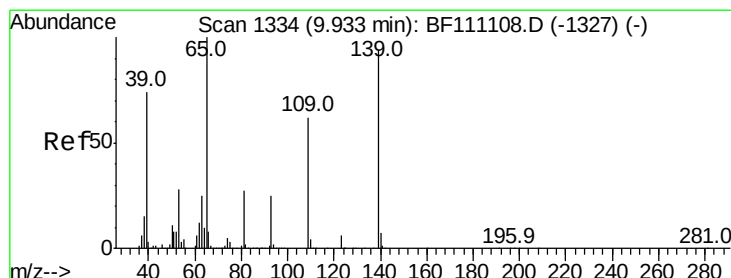
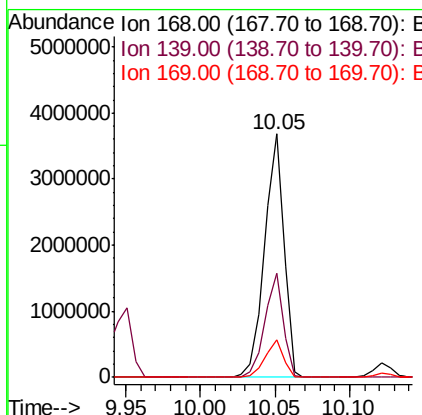
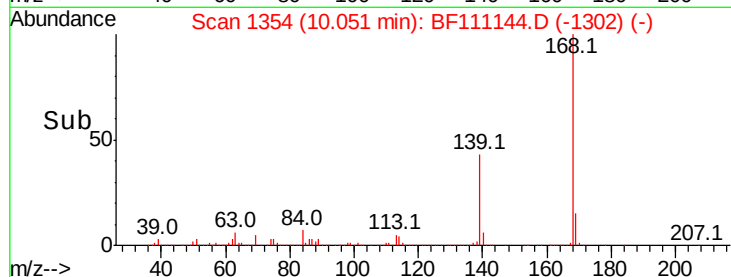
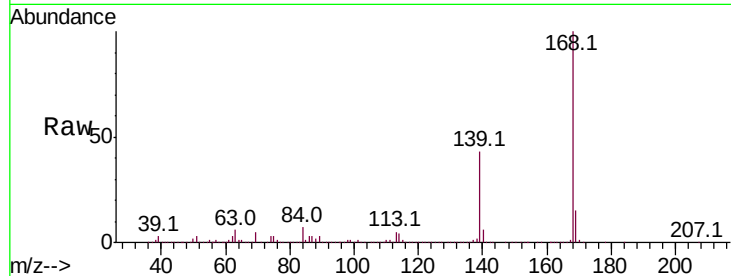




#55
Dibenzofuran
Concen: 43.982 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

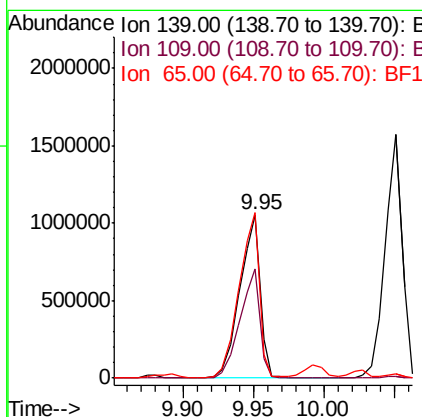
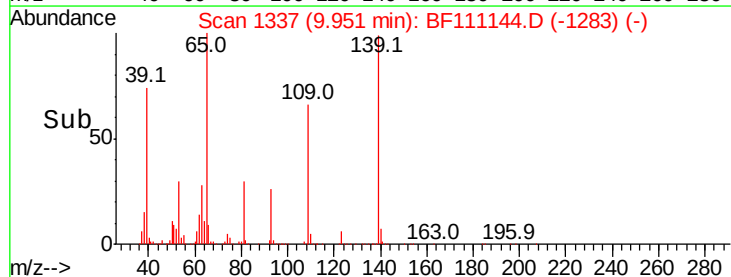
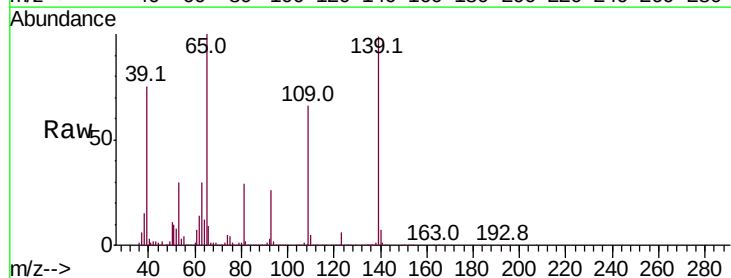
Instrument :
BNA_F
ClientSampled :

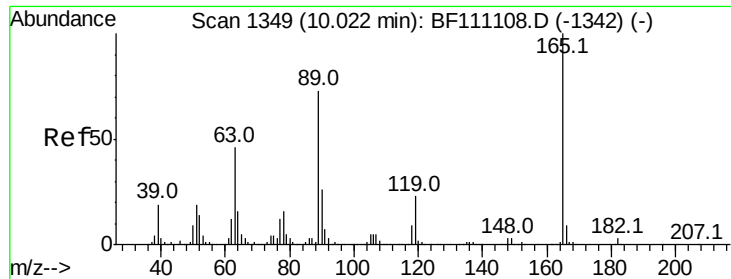
Tot Ion:168 Resp: 3264723
Ion Ratio Lower Upper
168 100
139 42.7 35.1 52.7
169 15.2 12.2 18.4



#56
4-Nitrophenol
Concen: 82.354 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:139 Resp: 1055249
Ion Ratio Lower Upper
139 100
109 67.0 46.1 86.1
65 101.0 87.0 127.0

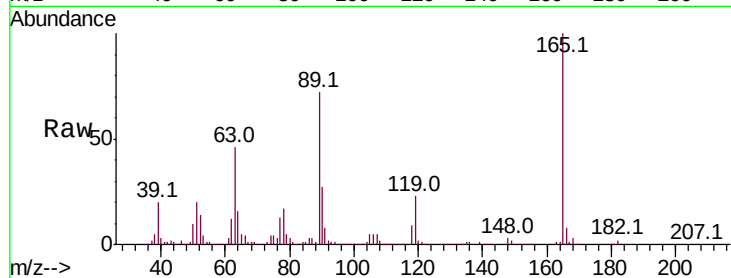




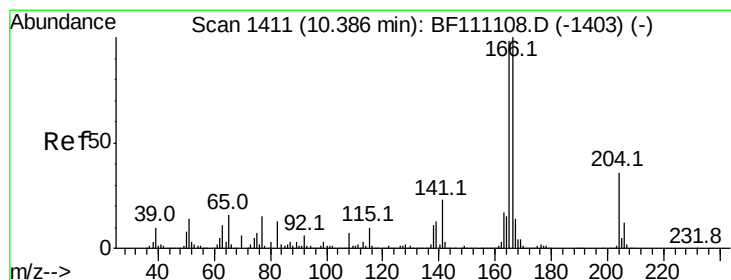
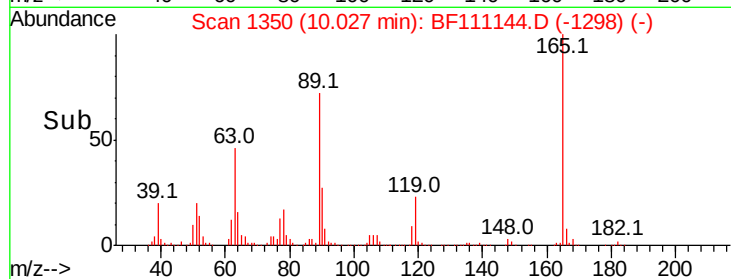
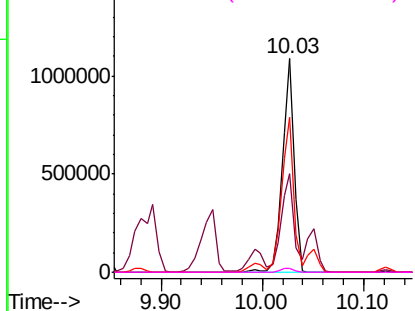
#57
 2,4-Dinitrotoluene
 Concen: 50.574 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 884185
 Ion Ratio Lower Upper
 165 100
 63 46.2 36.7 55.1
 89 72.5 58.4 87.6
 182 2.1 2.1 3.1#

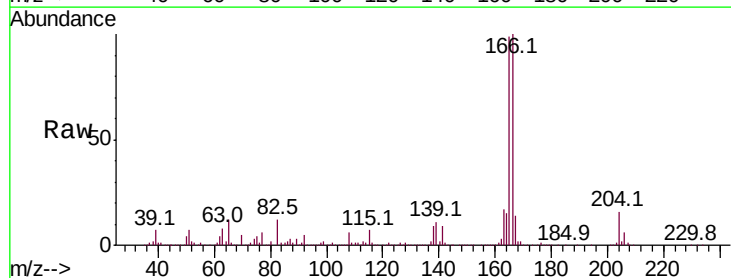


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

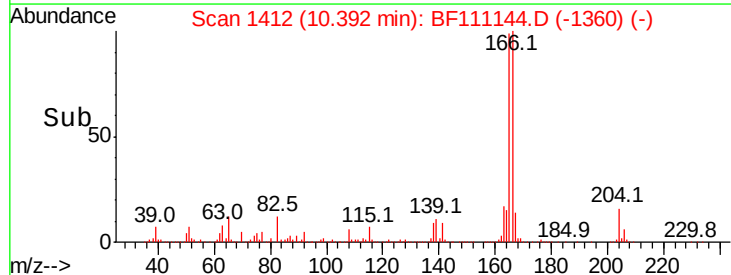
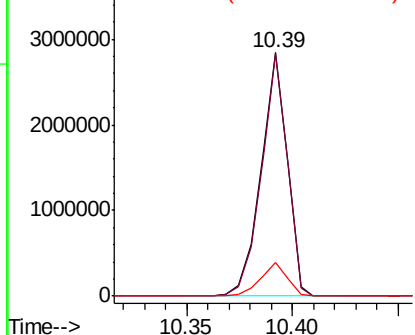


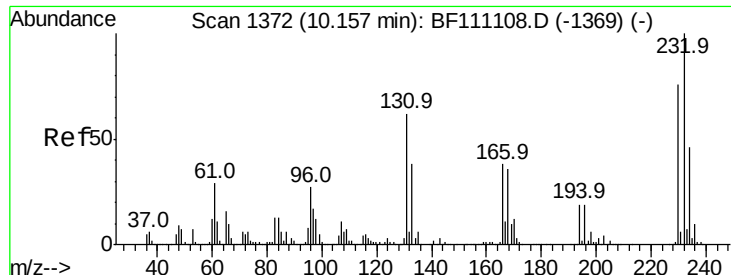
#58
 Fluorene
 Concen: 46.895 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion:166 Resp: 2454681
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.4 117.6
 167 14.1 11.4 17.2



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.012 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 662214

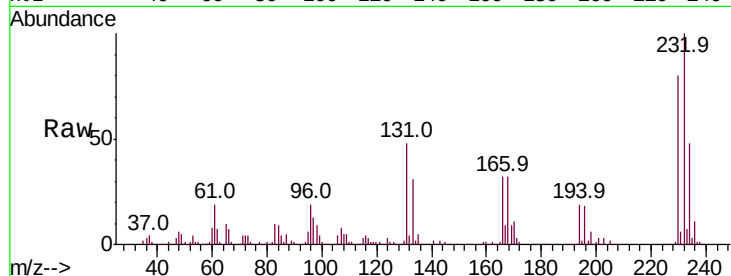
Ion Ratio Lower Upper

232 100

131 54.0 40.4 60.6

130 2.7 2.1 3.1

166 34.2 23.0 34.6

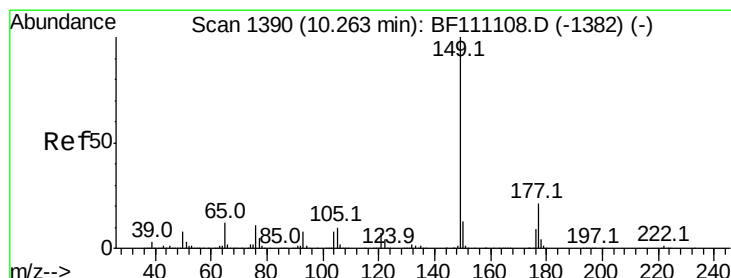
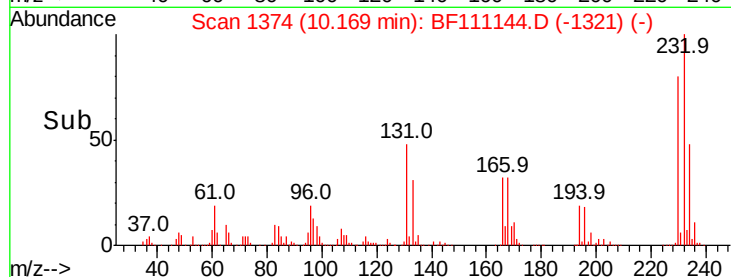
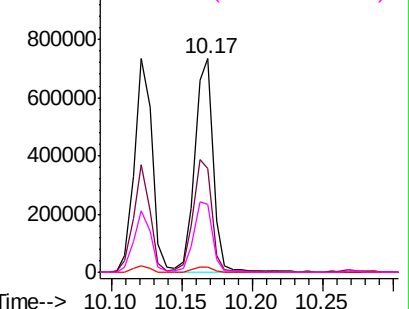


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.309 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

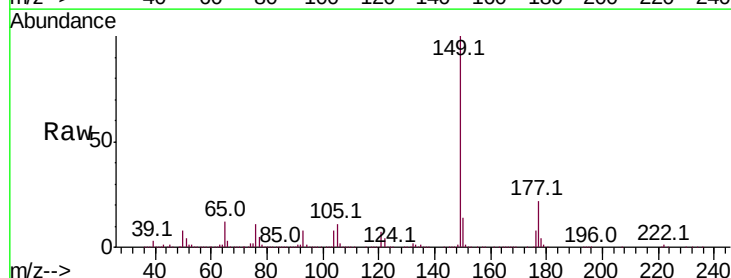
Tgt Ion:149 Resp: 2827278

Ion Ratio Lower Upper

149 100

177 21.9 17.0 25.6

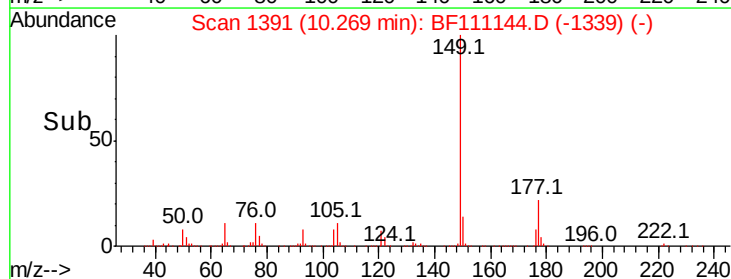
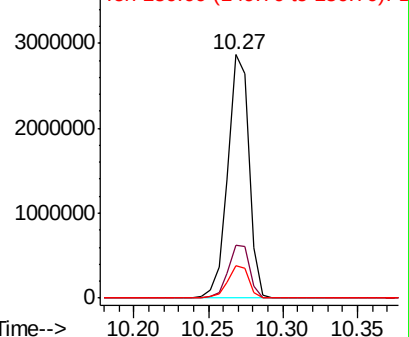
150 13.6 10.5 15.7

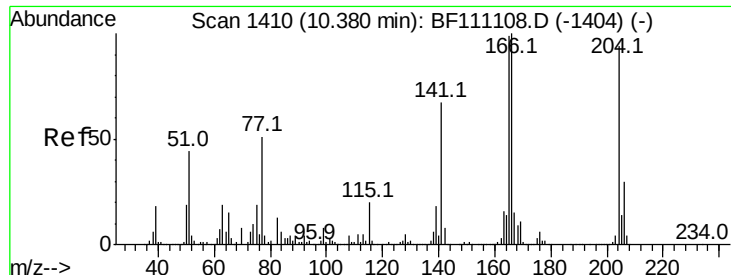


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

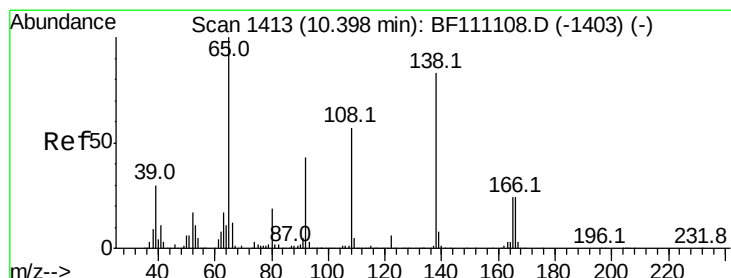
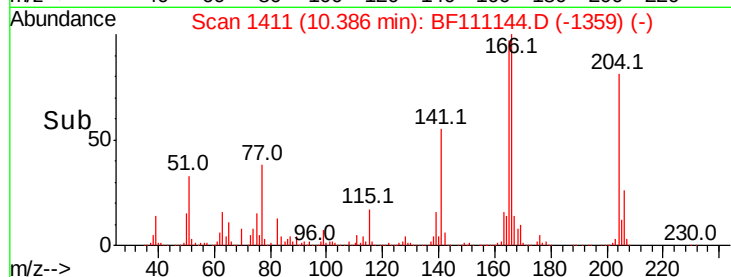
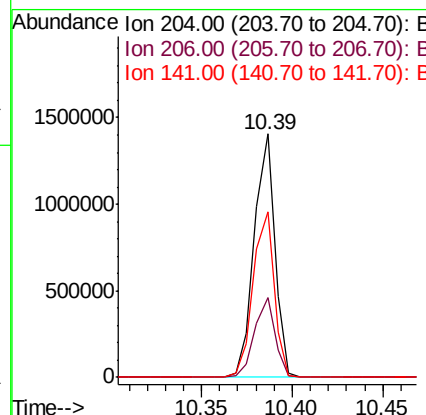
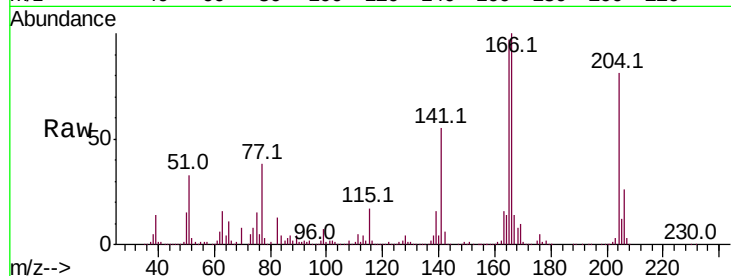




#61
4-Chlorophenyl-phenylether
Concen: 43.326 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

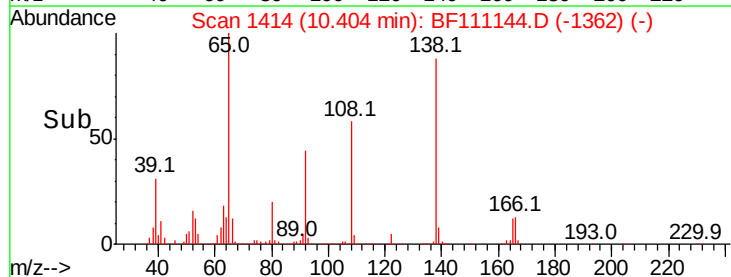
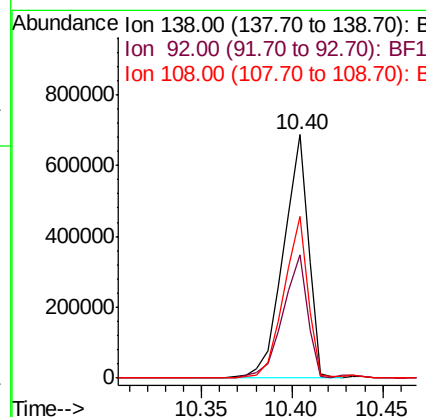
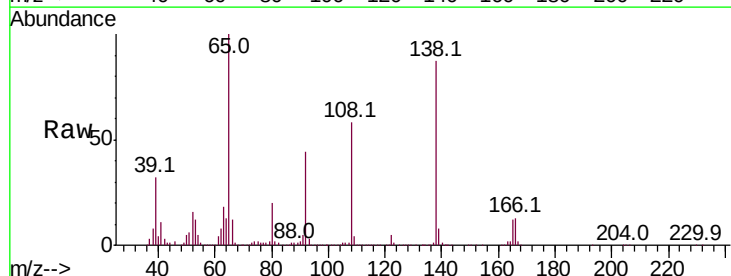
Instrument :
BNA_F
ClientSampled :

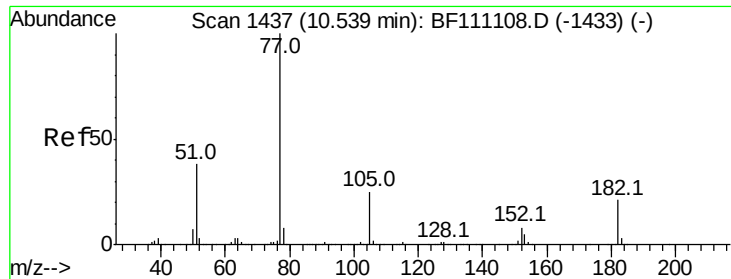
Tot Ion:204 Resp: 1117626
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 68.0 57.4 86.0



#62
4-Nitroaniline
Concen: 43.040 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:138 Resp: 660525
Ion Ratio Lower Upper
138 100
92 50.4 31.6 71.6
108 66.6 48.3 88.3





#63

Azobenzene

Concen: 42.258 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 2870727

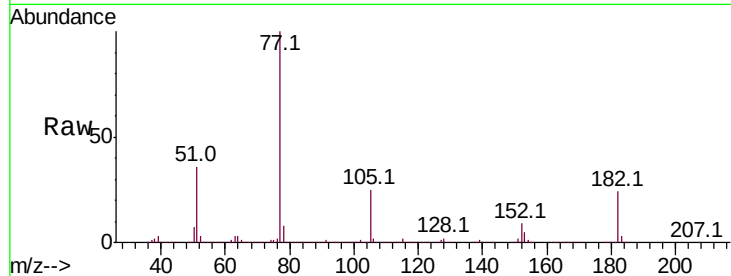
Ion	Ratio	Lower	Upper
77	100		
182	23.7	1.4	41.4
105	25.1	4.7	44.7
51	36.5	18.0	58.0

77 100

182 23.7 1.4 41.4

105 25.1 4.7 44.7

51 36.5 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

5000000 Ion 182.00 (181.70 to 182.70): E

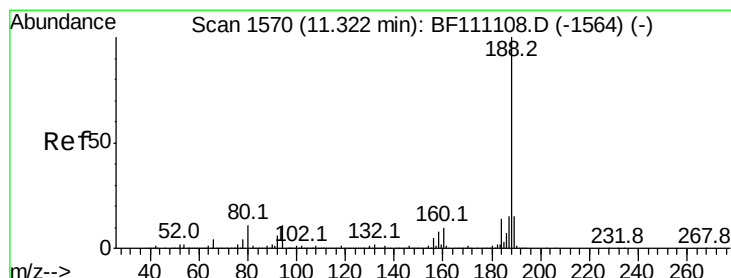
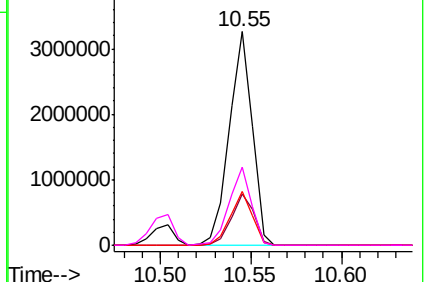
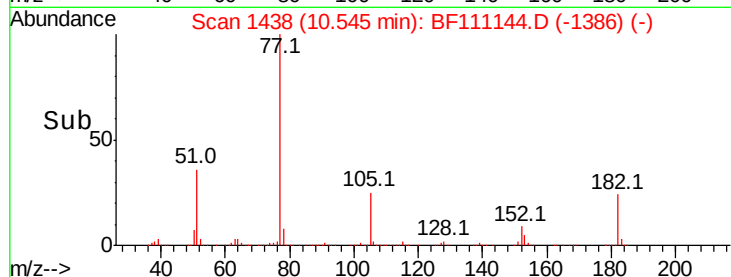
4000000 Ion 105.00 (104.70 to 105.70): E

3000000 Ion 51.00 (50.70 to 51.70): BF1

2000000

1000000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

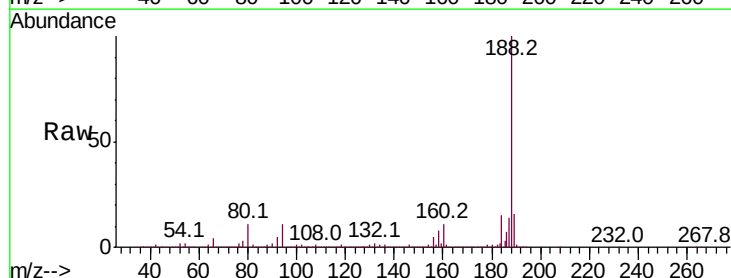
Tgt Ion: 188 Resp: 1543503

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.0	9.0	13.6

188 100

94 10.7 8.5 12.7

80 11.0 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

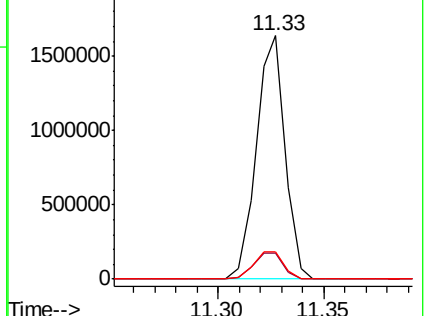
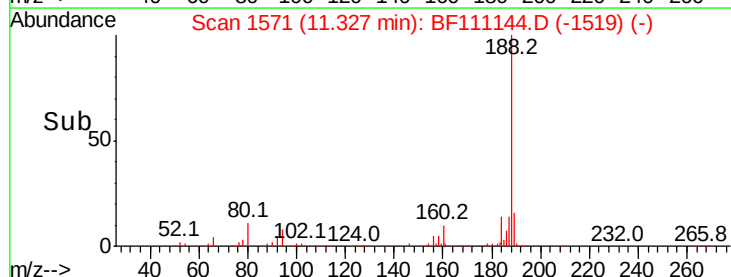
2000000 Ion 94.00 (93.70 to 94.70): BF1

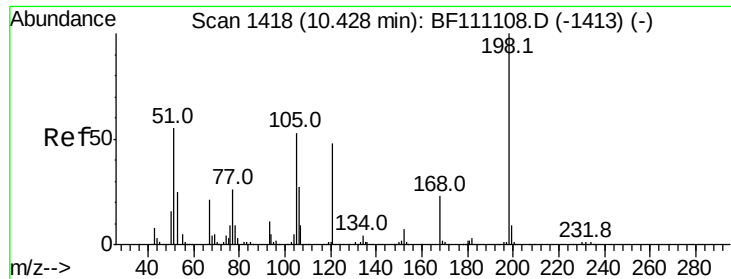
1500000 Ion 80.00 (79.70 to 80.70): BF1

1000000

500000

0

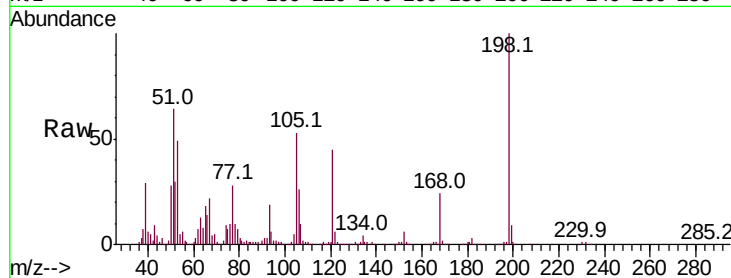




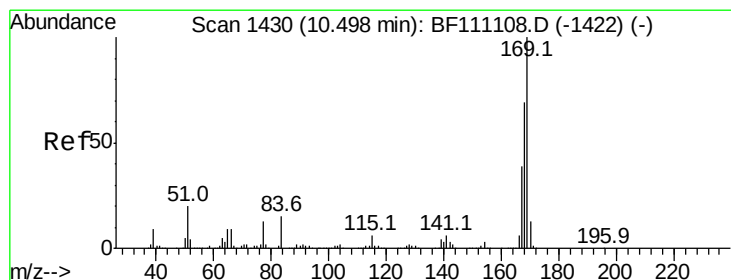
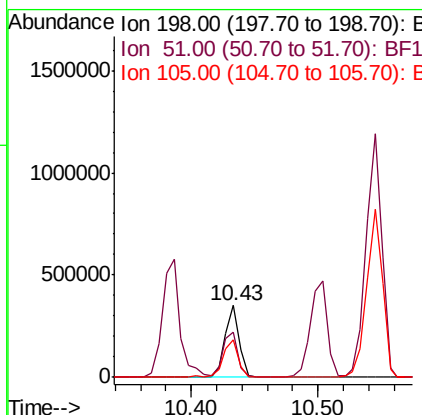
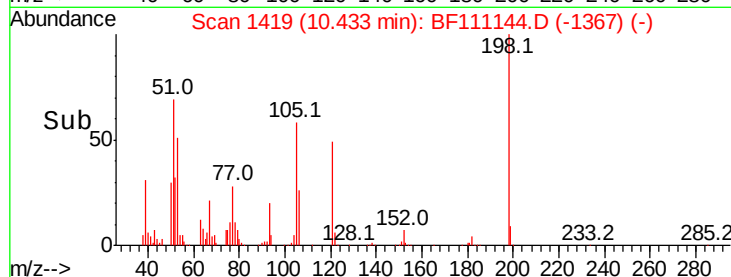
#65
4,6-Dinitro-2-methylphenol
Concen: 42.890 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 273497
Ion Ratio Lower Upper
198 100
51 63.6 48.8 88.8
105 53.0 35.2 75.2

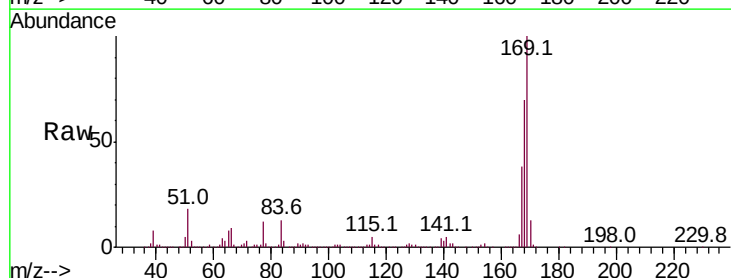


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

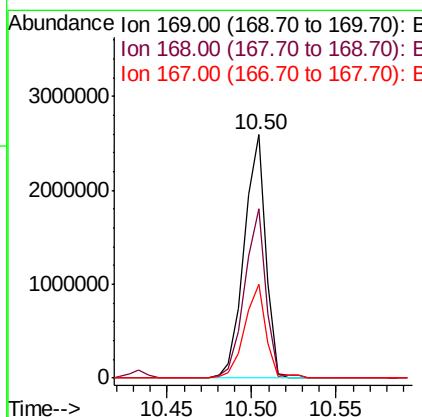
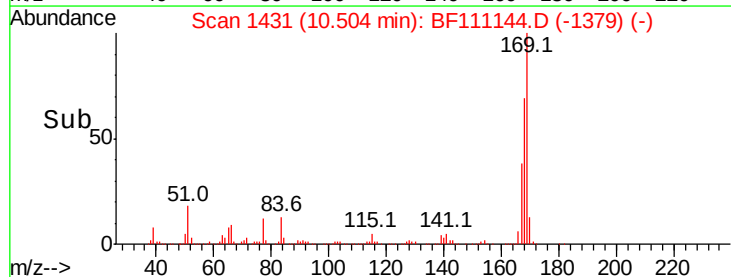


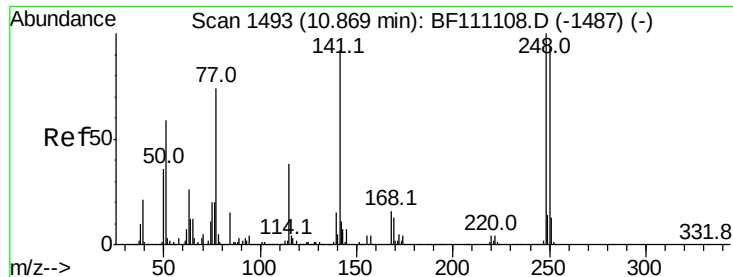
#66
n-Nitrosodiphenylamine
Concen: 42.816 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:169 Resp: 2314037
Ion Ratio Lower Upper
169 100
168 69.5 55.4 83.2
167 38.4 31.1 46.7



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

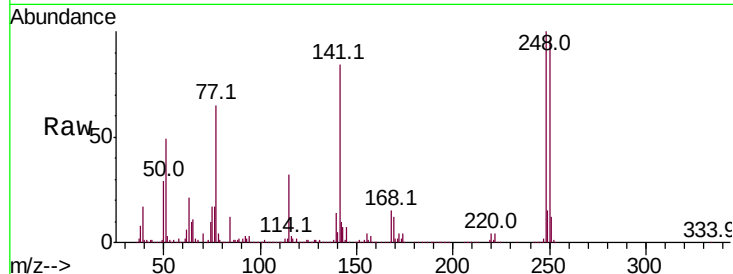




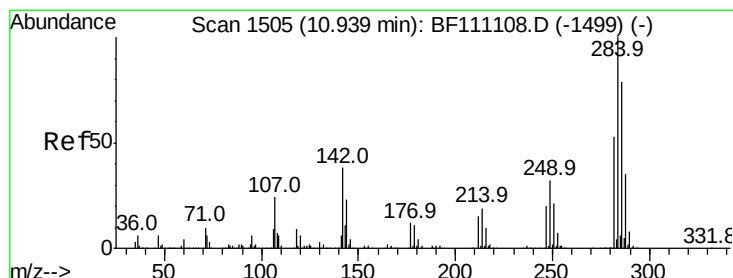
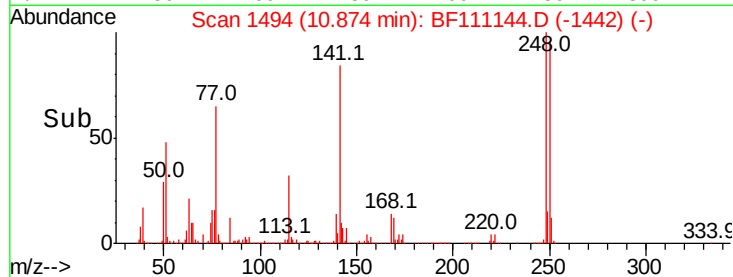
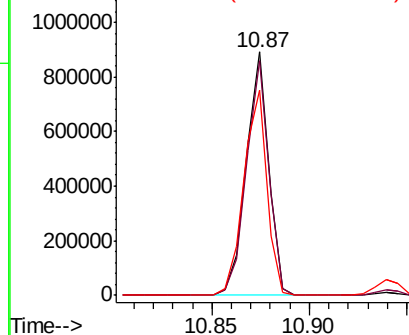
#67
4-Bromophenyl-phenylether
Concen: 43.643 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 713079
Ion Ratio Lower Upper
248 100
250 96.2 75.4 113.0
141 84.1 73.8 110.6

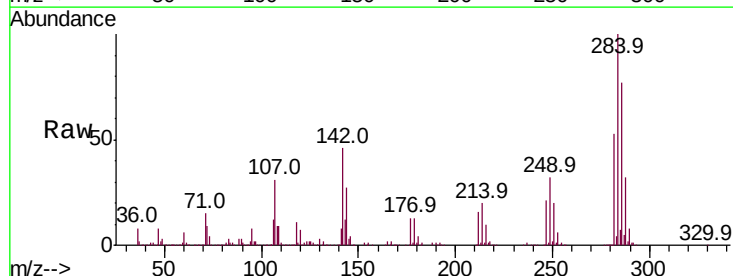


Abundance Ion 248.00 (247.70 to 248.70): E
1200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

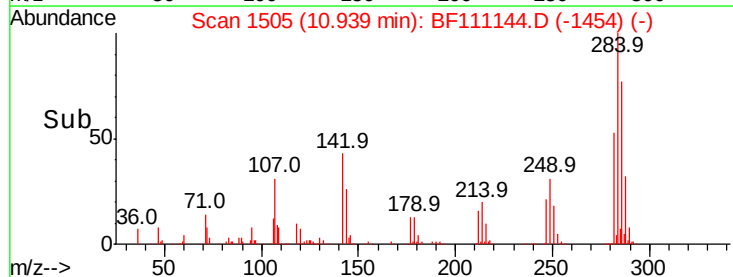
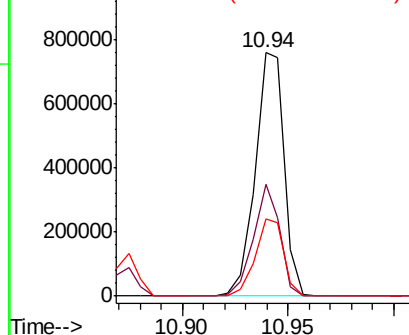


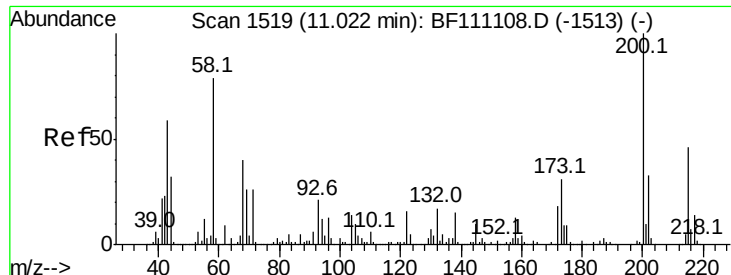
#68
Hexachlorobenzene
Concen: 43.304 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:284 Resp: 723471
Ion Ratio Lower Upper
284 100
142 45.7 30.2 45.2#
249 31.8 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
1000000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

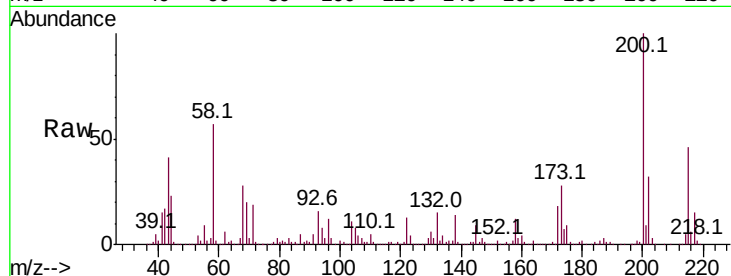




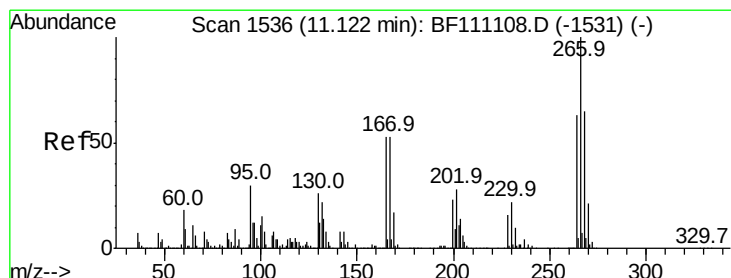
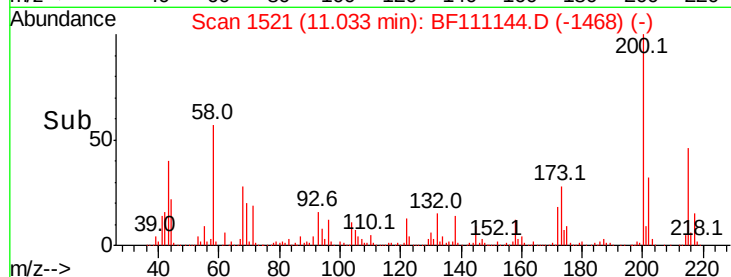
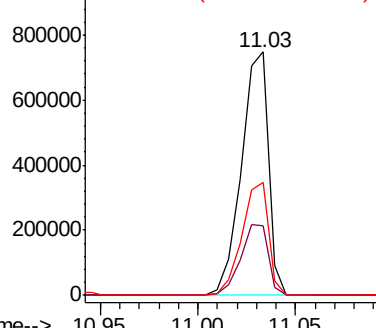
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	11.3	51.3
215	46.3	25.9	65.9

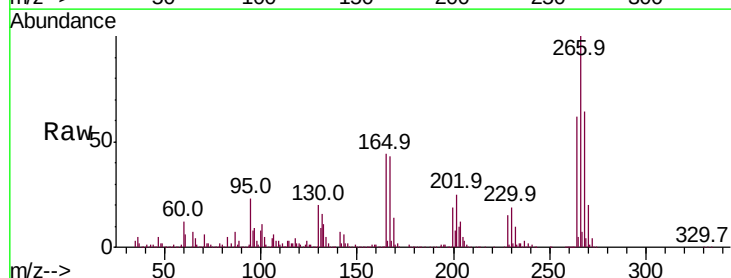


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

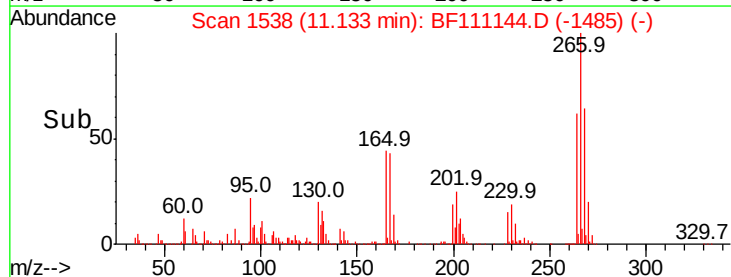
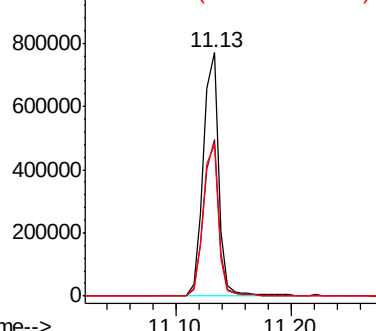


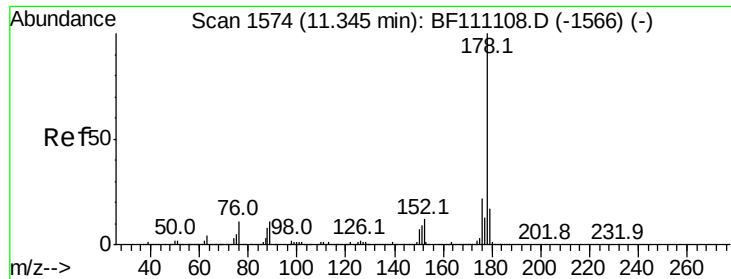
#70
Pentachlorophenol
Concen: 65.292 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	62.2	50.8	76.2



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

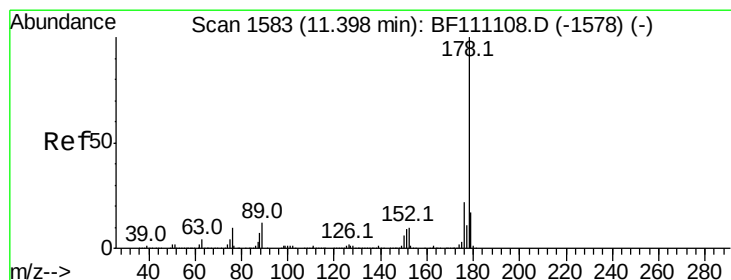
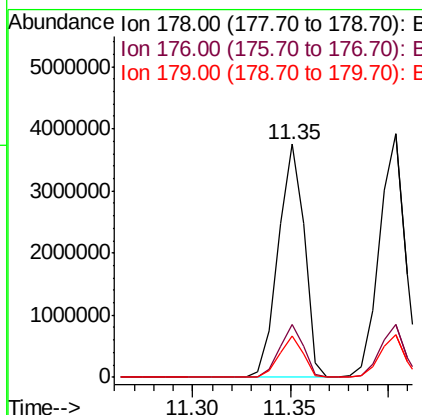
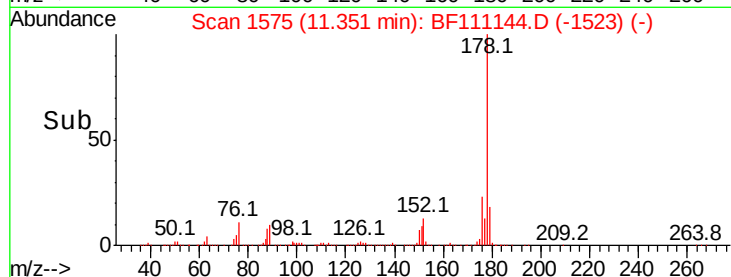
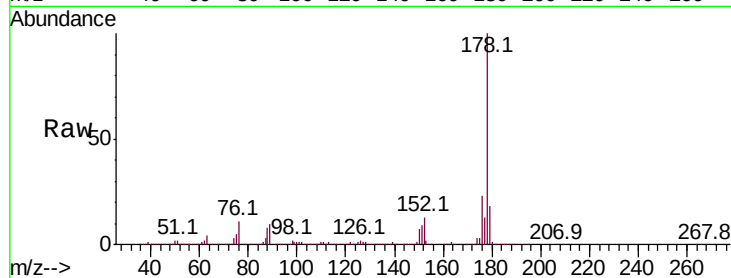




#71
Phenanthrene
Concen: 46.564 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

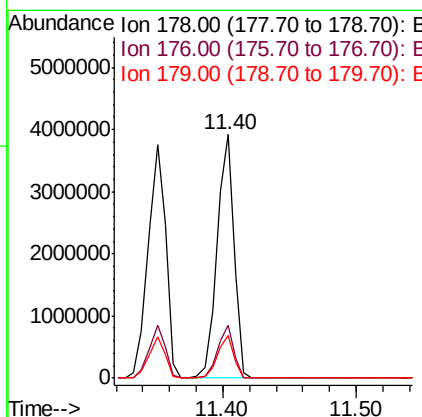
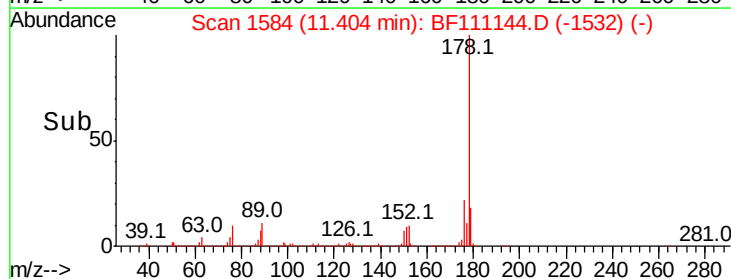
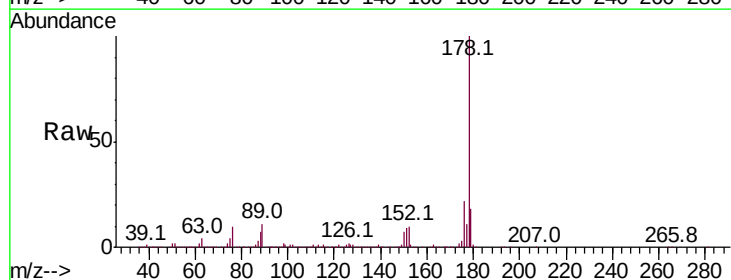
Instrument :
BNA_F
ClientSampled :

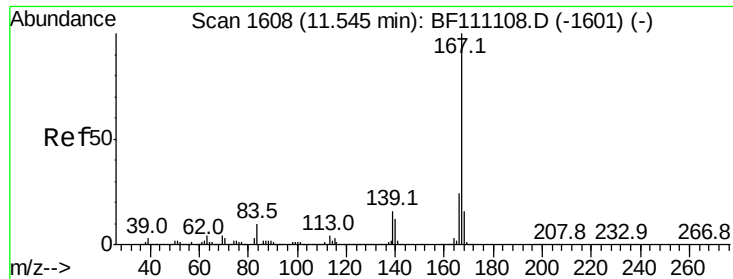
Tot Ion:178 Resp: 3457160
Ion Ratio Lower Upper
178 100
176 22.6 17.7 26.5
179 17.8 14.0 21.0



#72
Anthracene
Concen: 46.935 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:178 Resp: 3512535
Ion Ratio Lower Upper
178 100
176 21.5 17.3 25.9
179 17.5 13.8 20.8

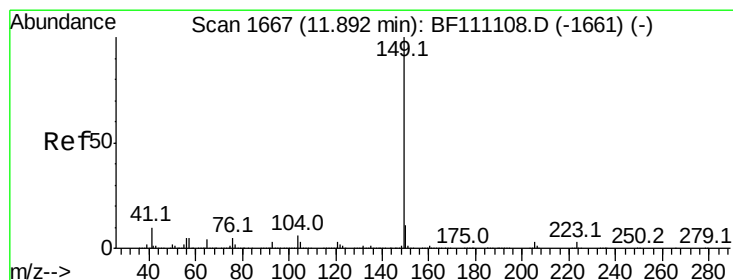
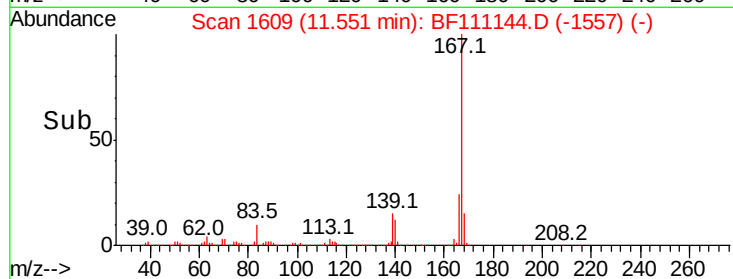
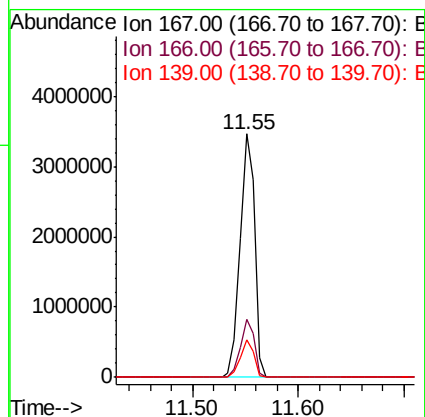
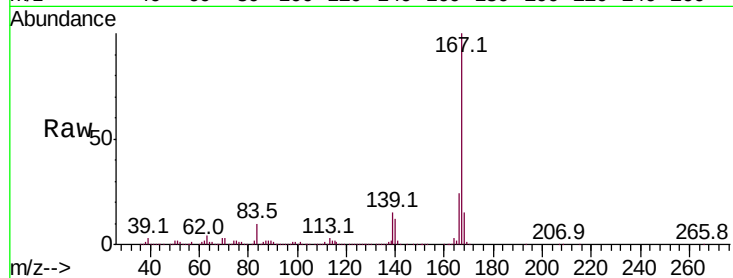




#73
 Carbazole
 Concen: 41.529 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

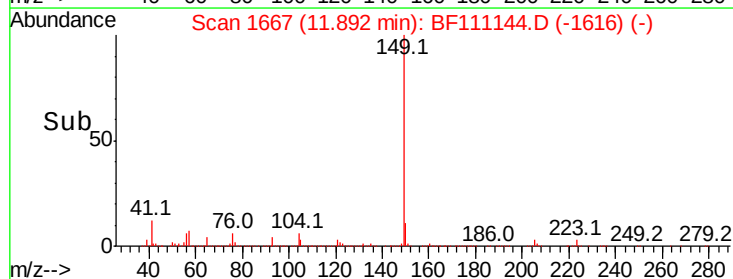
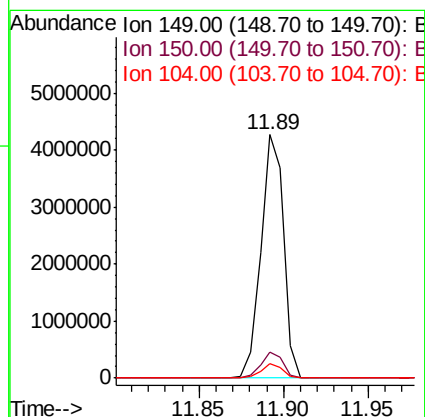
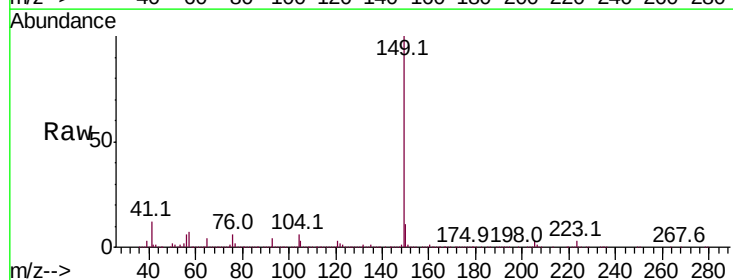
Instrument :
 BNA_F
 ClientSampleId :

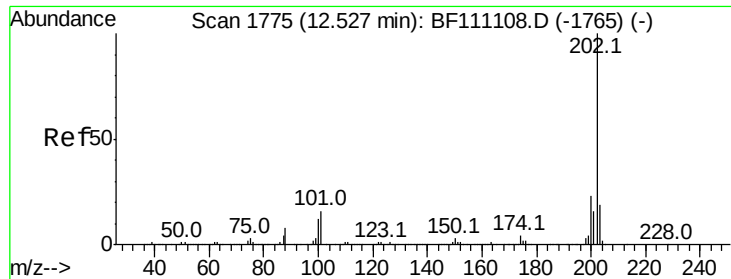
Tot Ion:167 Resp: 3233962
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.4 29.0
 139 15.2 12.6 18.8



#74
 Di-n-butylphthalate
 Concen: 43.567 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion:149 Resp: 3971414
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.6 12.8
 104 5.8 4.5 6.7





#75

Fluoranthene

Concen: 43.359 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

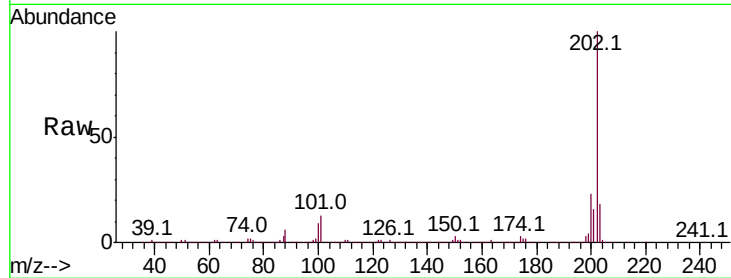
Tot Ion:202 Resp: 3150098

Ion Ratio Lower Upper

202 100

101 12.5 0.0 35.8

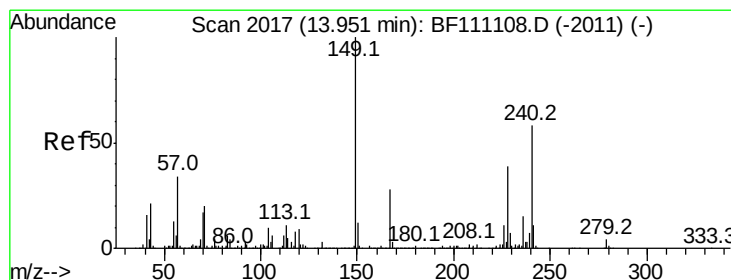
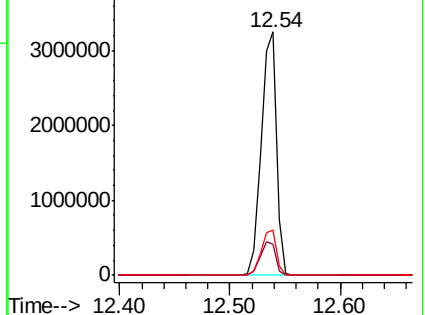
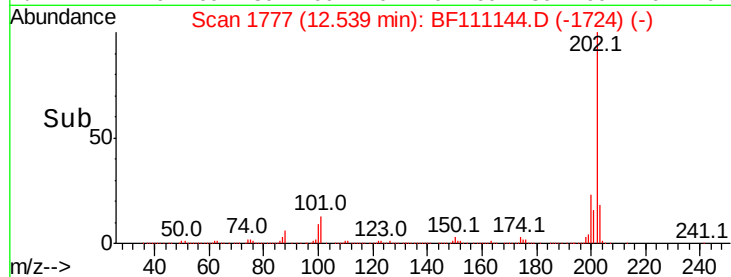
203 18.3 0.0 38.6



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: BF111144.D

Acq: 6 Dec 2018 18:05

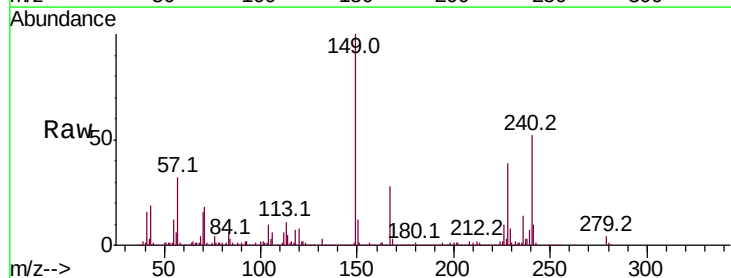
Tgt Ion:240 Resp: 789204

Ion Ratio Lower Upper

240 100

120 15.2 12.8 19.2

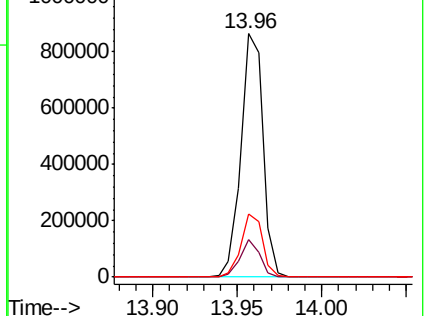
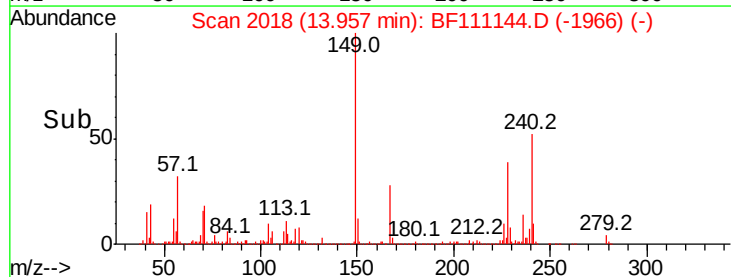
236 26.1 21.1 31.7

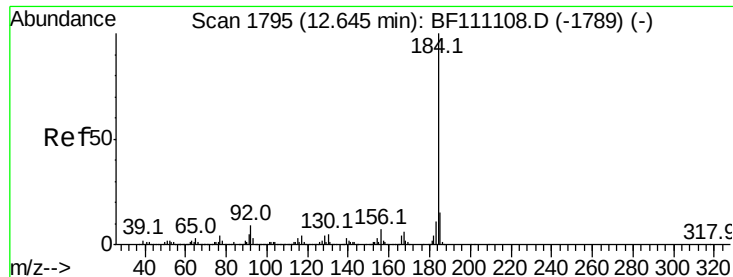


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.842 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

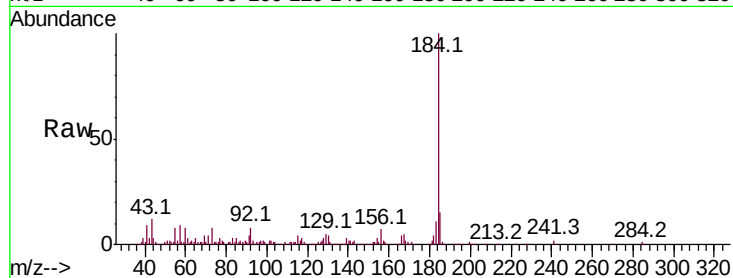
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 332176

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.0	18.0
183	11.3	8.9	13.3



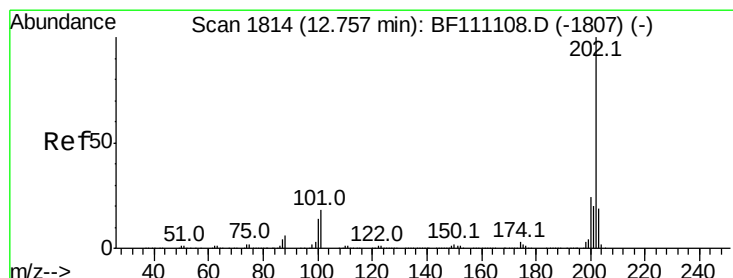
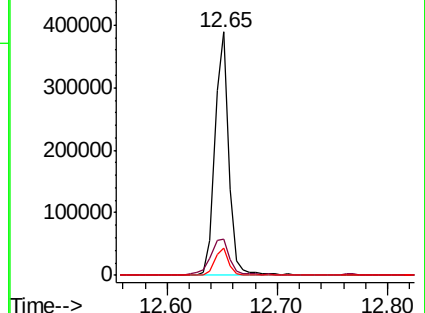
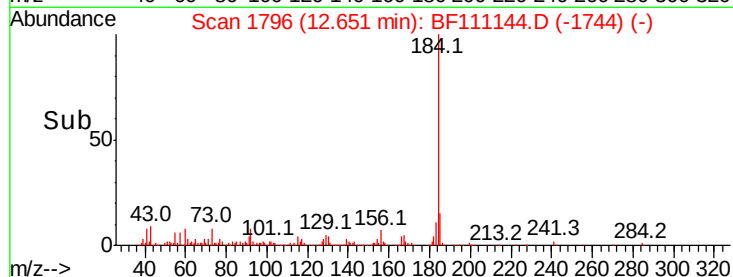
Abundance

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

Time-->



#78

Pyrene

Concen: 50.205 ng

RT: 12.76 min Scan# 1815

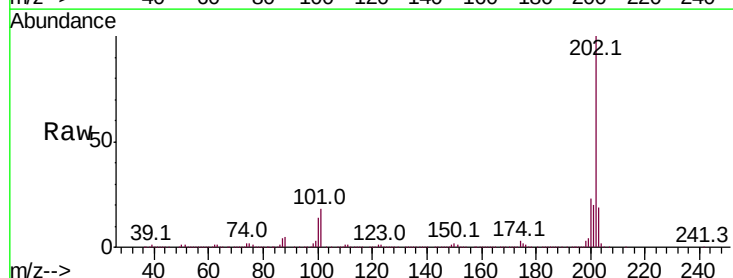
Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Tgt Ion:202 Resp: 3086861

Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.3	28.9
203	18.6	15.4	23.2



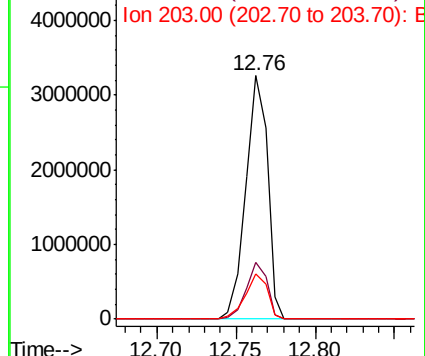
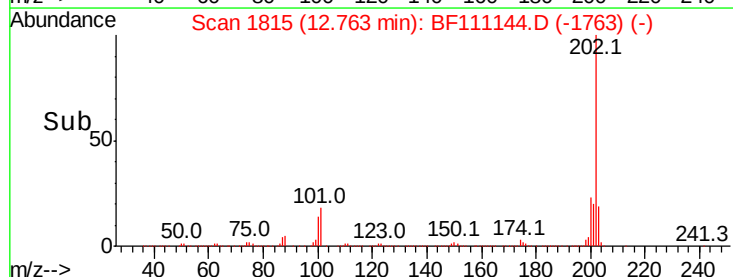
Abundance

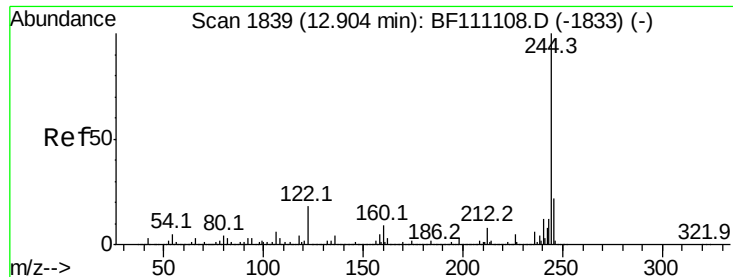
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#79

Terphenyl-d14

Concen: 93.016 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampled :

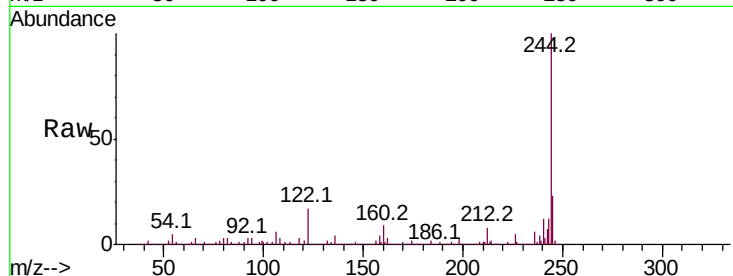
Tot Ion:244 Resp: 3584414

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

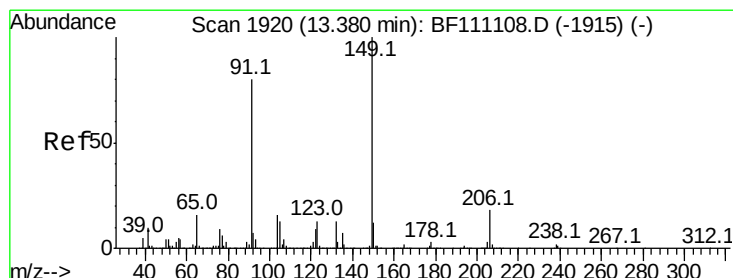
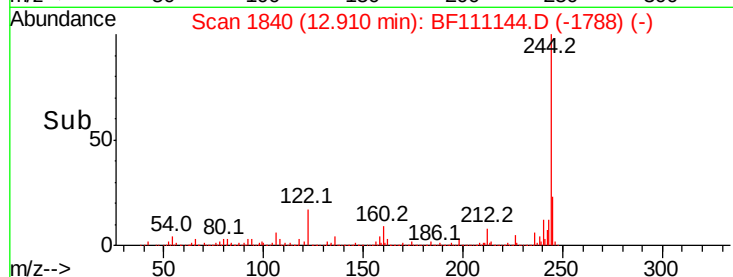
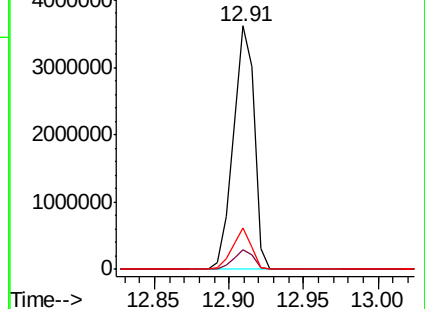
122 17.2 14.2 21.2



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: 47.263 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

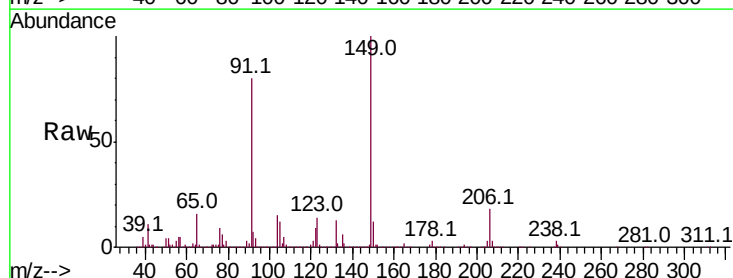
Tgt Ion:149 Resp: 1403831

Ion Ratio Lower Upper

149 100

91 79.5 64.0 96.0

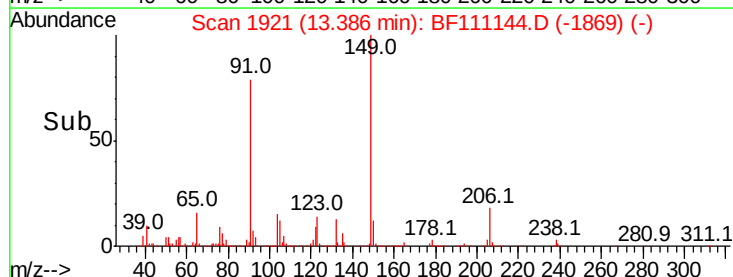
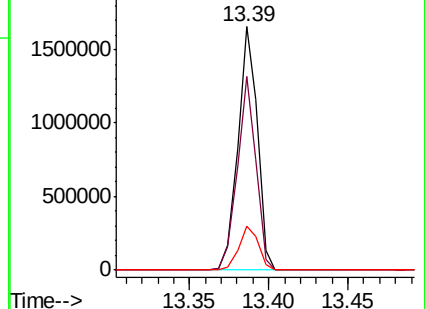
206 18.0 14.1 21.1

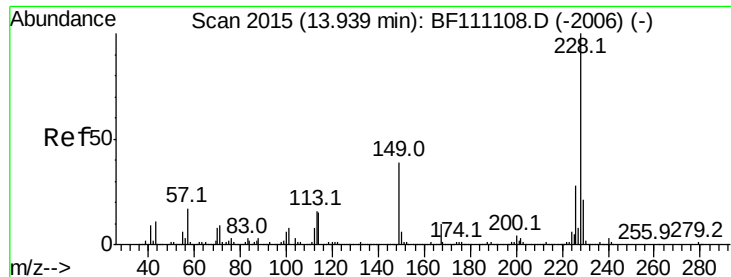


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.834 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

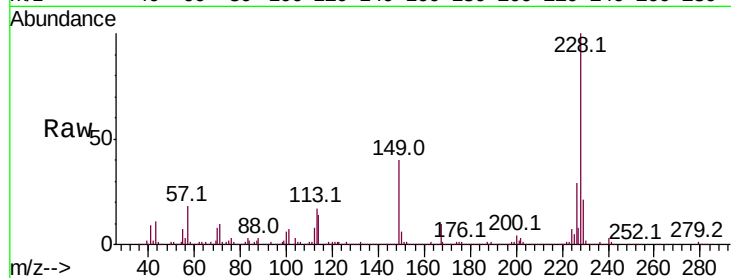
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2119363

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.7	16.7	25.1

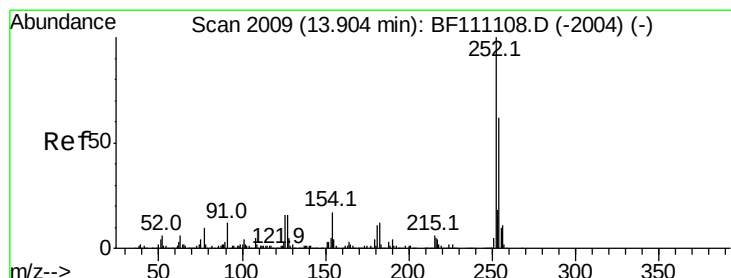
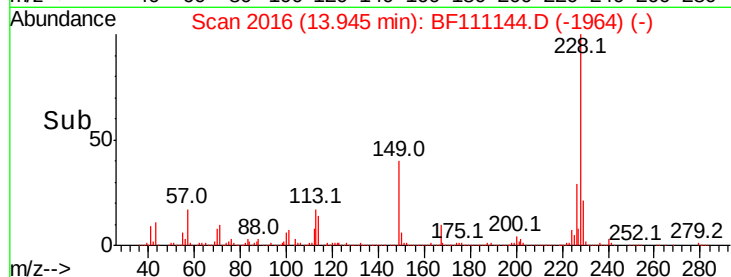
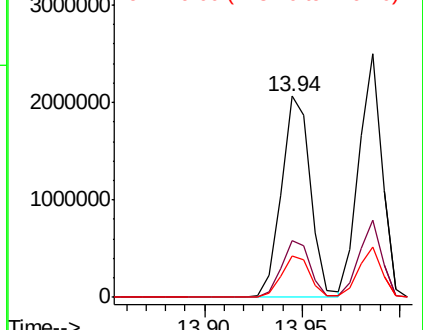


Abundance

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: 21.937 ng

RT: 13.91 min Scan# 2010

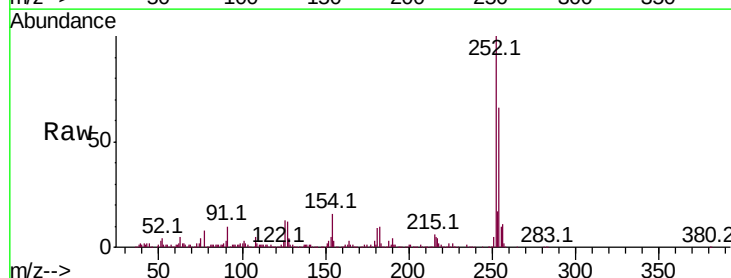
Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Tgt Ion:252 Resp: 382800

Ion	Ratio	Lower	Upper
252	100		
254	66.2	49.8	74.8
126	12.6	12.9	19.3#

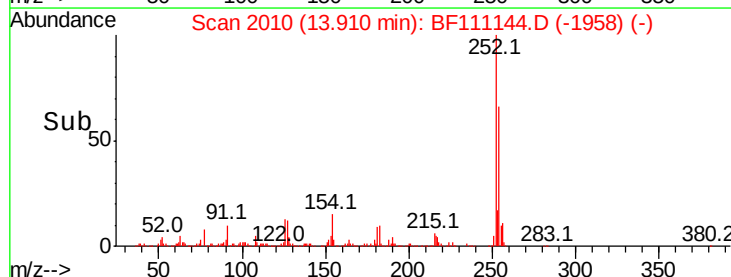
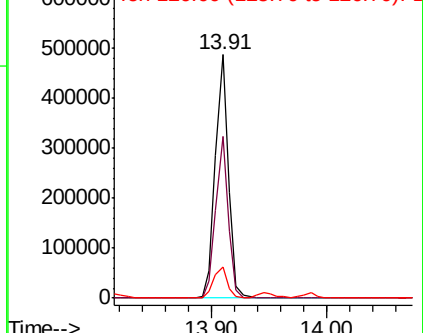


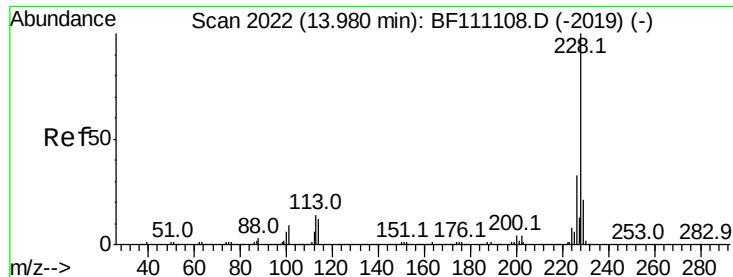
Abundance

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



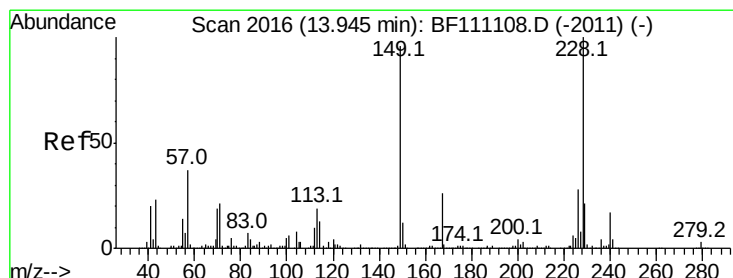
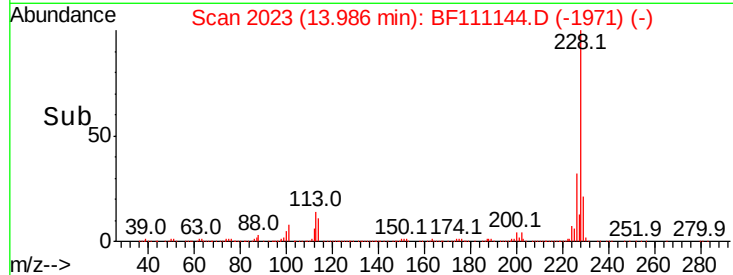
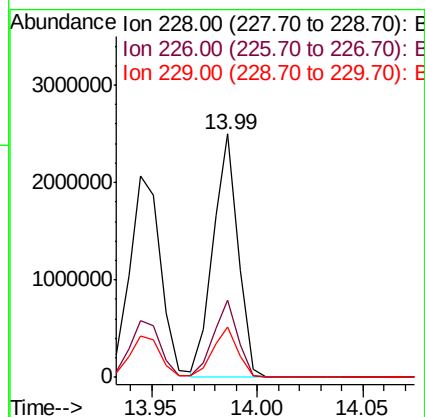
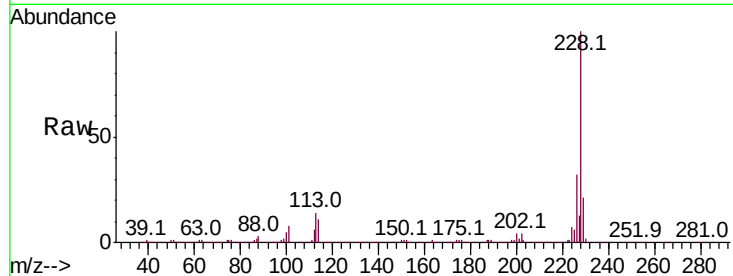


#83
 Chrvsene
 Concen: 44.917 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 2061860

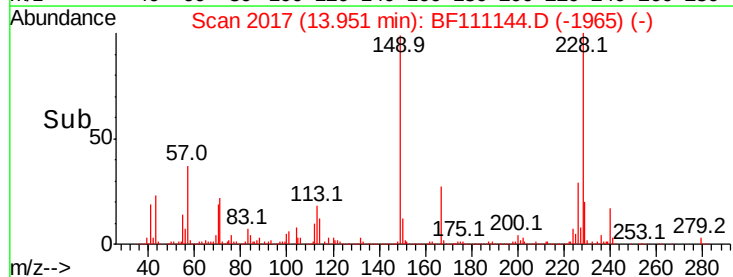
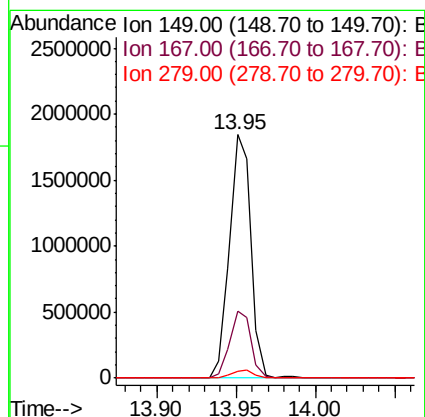
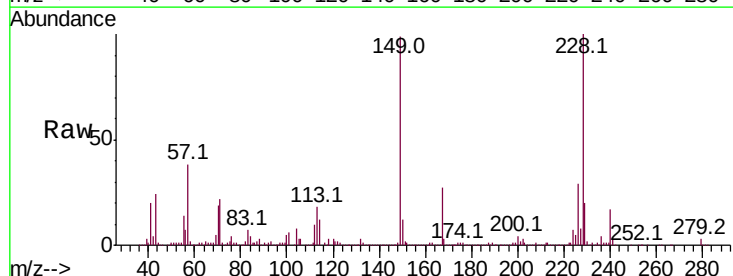
Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.2
229	20.8	16.9	25.3

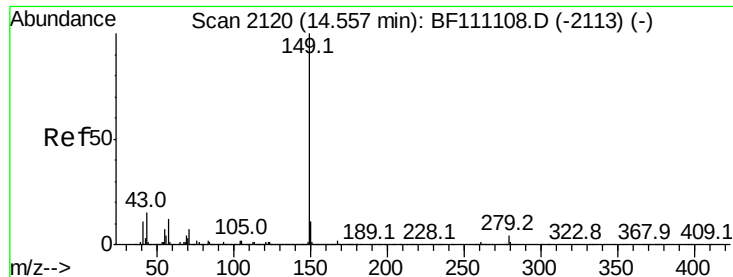


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.951 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111144.D
 Acq: 6 Dec 2018 18:05

Tgt Ion:149 Resp: 1720344

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.0	2.3	3.5

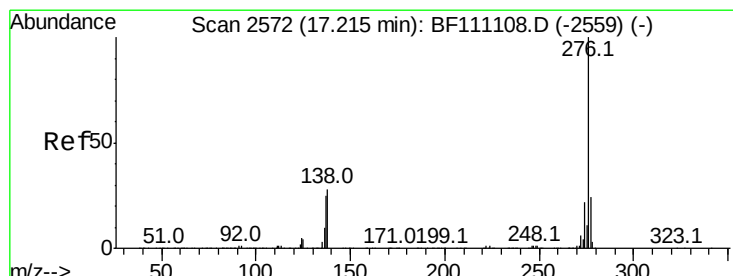
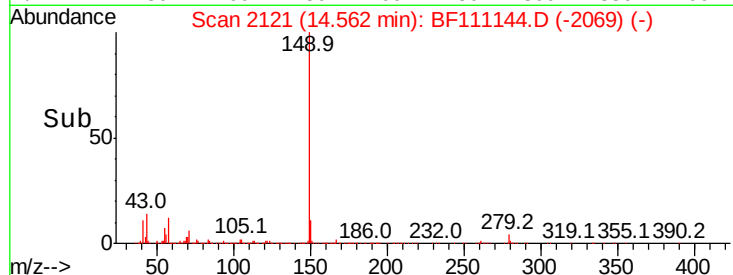
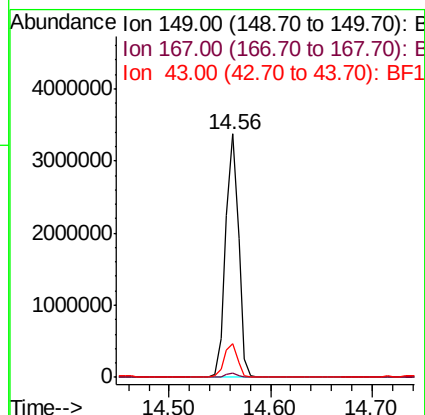
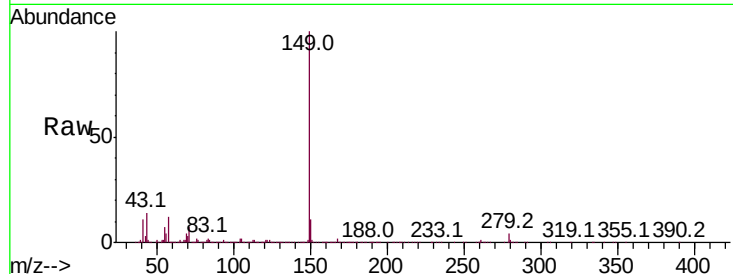




#85
Di-n-octyl phthalate
Concen: 52.790 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

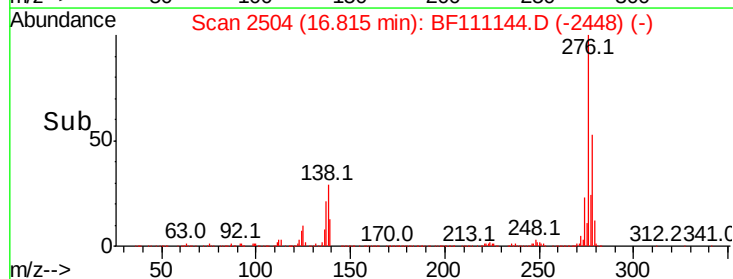
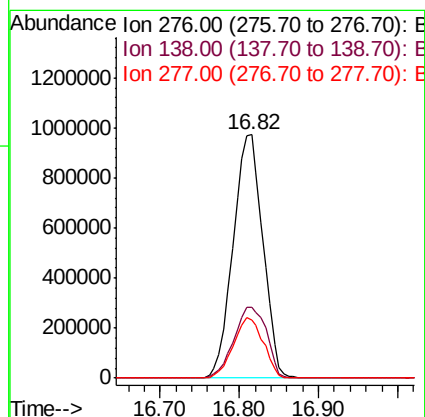
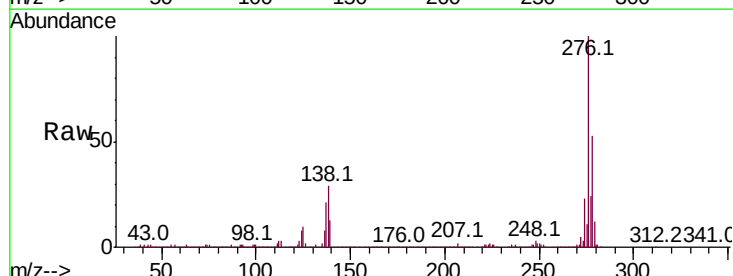
Instrument :
BNA_F
ClientSampleId :

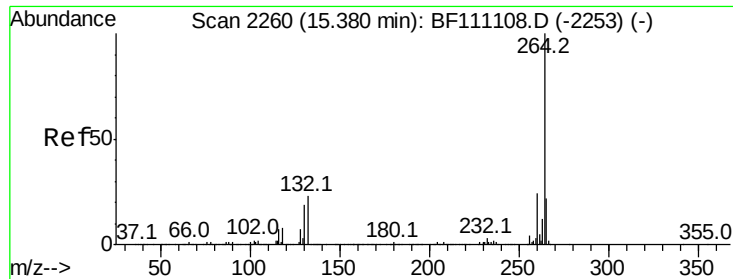
Tot Ion:149 Resp: 2977388
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.7 11.9 17.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 68.472 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:276 Resp: 2523619
Ion Ratio Lower Upper
276 100
138 32.0 20.2 30.4#
277 25.1 15.8 23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampled :

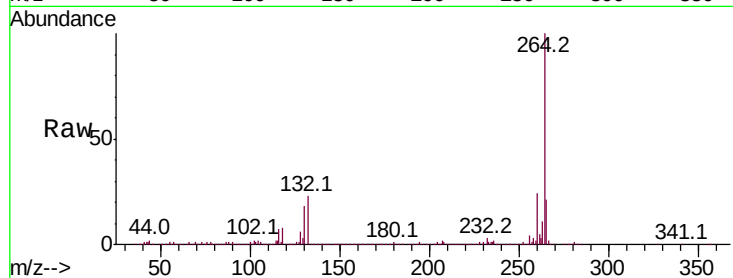
Tot Ion:264 Resp: 893489

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

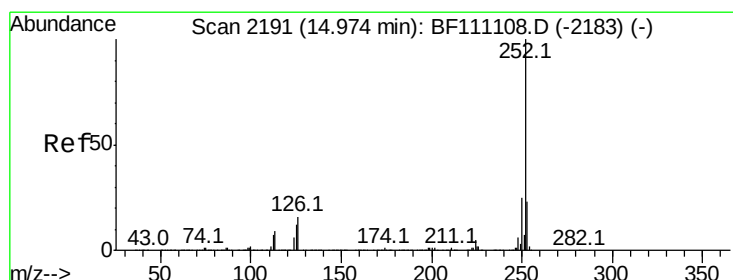
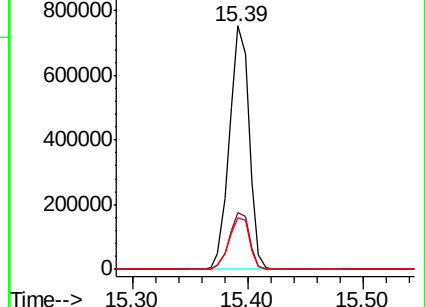
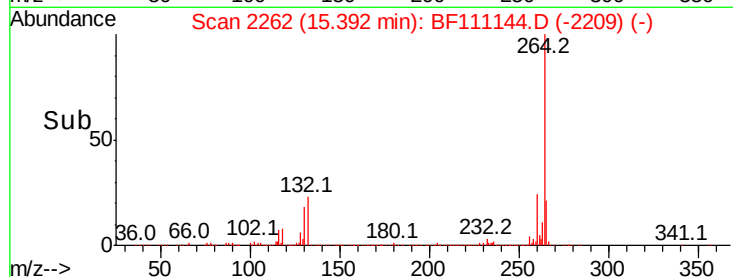
265 21.4 17.4 26.0



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: 45.642 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

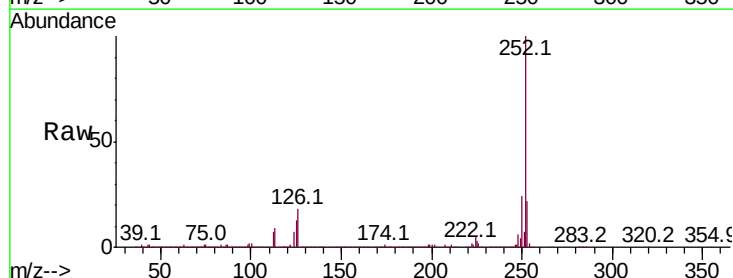
Tgt Ion:252 Resp: 2310785

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

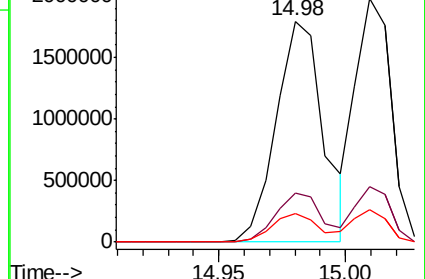
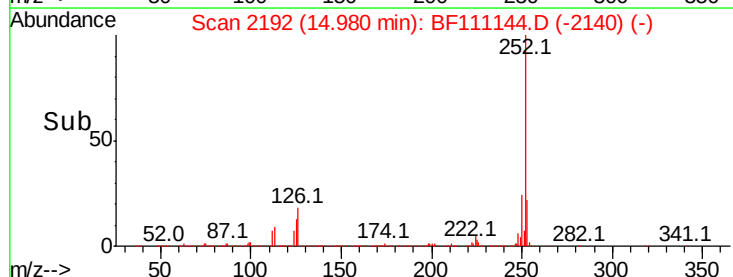
125 13.2 9.9 14.9

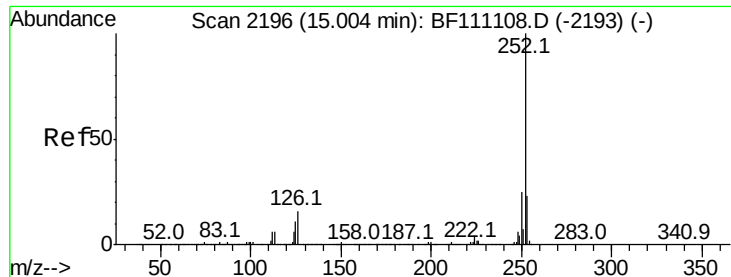


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

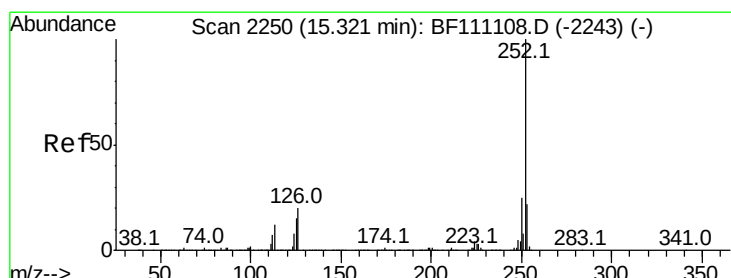
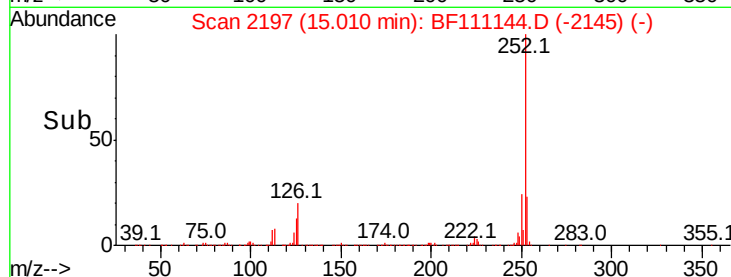
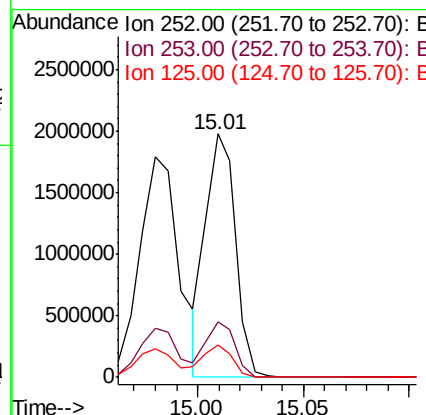
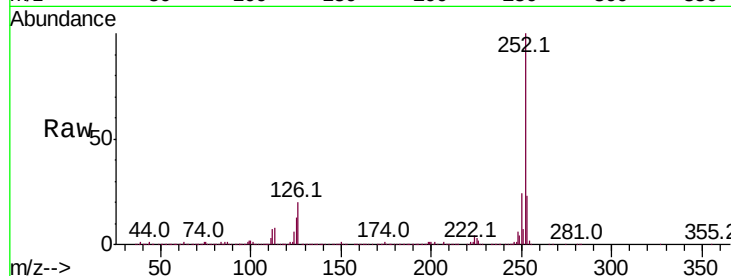




#89
Benzo(k)fluoranthene
Concen: 39.694 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

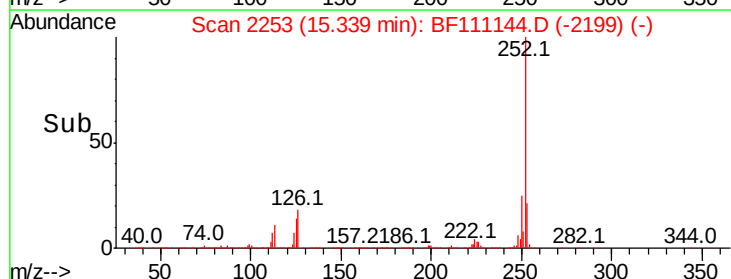
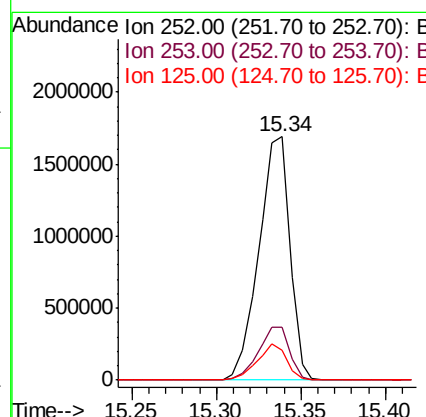
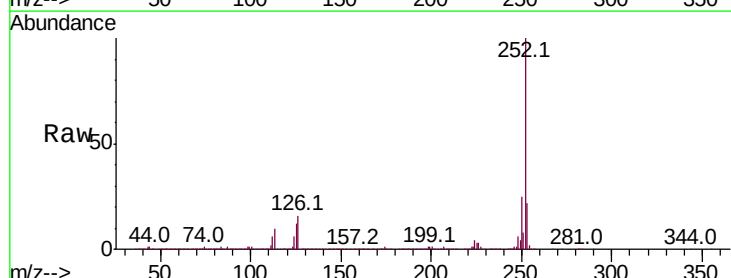
Instrument :
BNA_F
ClientSampleId :

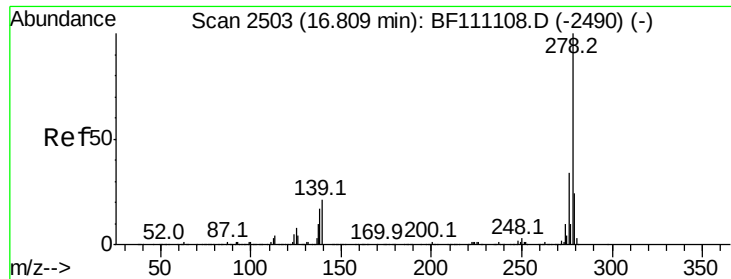
Tot Ion:252 Resp: 1942791
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.4 9.9 14.9



#90
Benzo(a)pyrene
Concen: 46.565 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111144.D
Acq: 6 Dec 2018 18:05

Tgt Ion:252 Resp: 2162459
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 12.4 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 53.350 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

Instrument :

BNA_F

ClientSampleId :

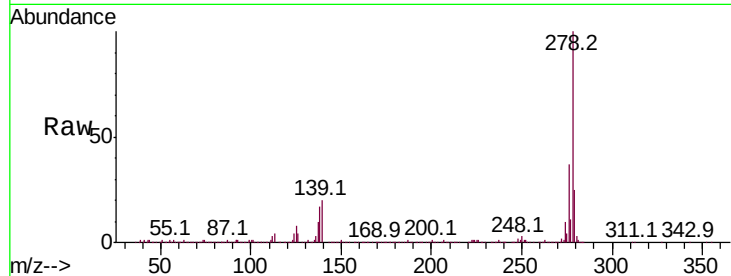
Tot Ion:278 Resp: 2079095

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.6	25.0
279	24.6	18.8	28.2

278 100

139 20.4 16.6 25.0

279 24.6 18.8 28.2

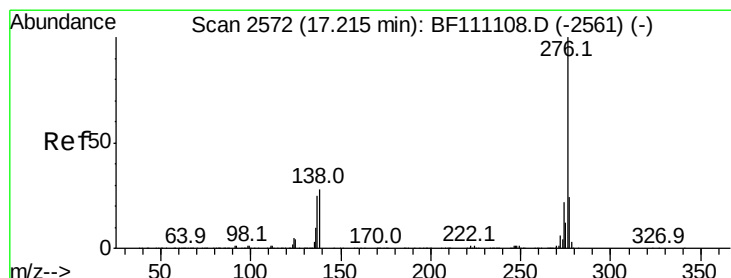
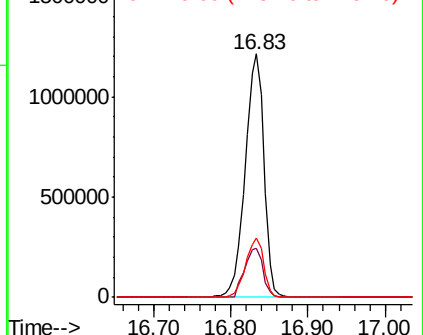
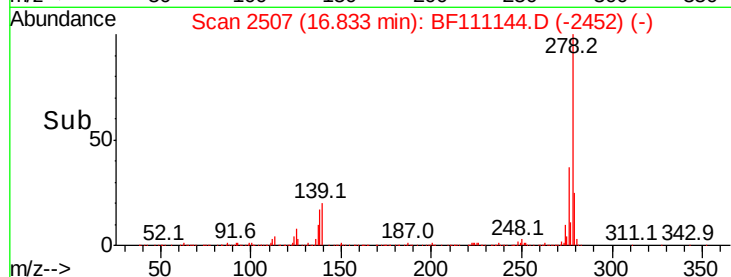


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.150 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.03 min

Lab File: BF111144.D

Acq: 6 Dec 2018 18:05

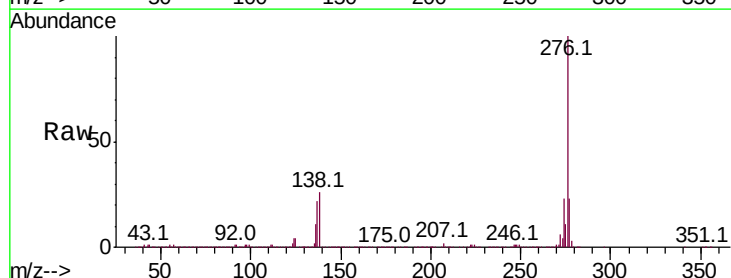
Tgt Ion:276 Resp: 2081473

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	26.5	22.3	33.5

276 100

277 23.4 19.3 28.9

138 26.5 22.3 33.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

