

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111593.D
 Acq On : 19 Dec 2018 16:01
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 16:40:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	220600	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	791947	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	392942	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	737584	20.00	ng	0.00
76) Chrysene-d12	14.05	240	517298	20.00	ng	0.00
87) Perylene-d12	15.52	264	442873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1226935	92.55	ng	0.00
7) Phenol-d6	6.52	99	1563512	88.67	ng	0.00
23) Nitrobenzene-d5	7.46	82	1397287	105.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	455166	129.31	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2505344	98.48	ng	0.00
79) Terphenyl-d14	13.00	244	2699498	122.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	294242	45.956	ng	97
3) Pyridine	3.46	79	766621	47.674	ng	98
4) n-Nitrosodimethylamine	3.41	42	379116	51.904	ng	85
6) Aniline	6.56	93	1018254	46.552	ng	99
8) 2-Chlorophenol	6.69	128	685530	43.279	ng	98
9) Benzaldehyde	6.45	77	520388	48.654	ng	96
10) Phenol	6.54	94	902468	45.942	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	668371	43.404	ng	96
12) 1,3-Dichlorobenzene	6.84	146	795151	45.604	ng	99
13) 1,4-Dichlorobenzene	6.92	146	812396	45.903	ng	98
14) 1,2-Dichlorobenzene	7.07	146	748024	44.927	ng	97
15) Benzyl Alcohol	7.03	79	634644	47.300	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1217834	40.505	ng	100
17) 2-Methylphenol	7.15	107	553952	43.455	ng	97
18) Hexachloroethane	7.42	117	278967	42.355	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	516636	44.408	ng	98
20) 3+4-Methylphenols	7.30	107	690535	43.184	ng	# 84
22) Acetophenone	7.31	105	949129	53.687	ng	# 85
24) Nitrobenzene	7.48	77	731503	53.919	ng	99
25) Isophorone	7.72	82	1166885	51.856	ng	100
26) 2-Nitrophenol	7.79	139	312472	44.413	ng	94
27) 2,4-Dimethylphenol	7.83	122	537477	52.695	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	776075	49.958	ng	99
29) 2,4-Dichlorophenol	8.03	162	601251	55.220	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	664202	58.272	ng	97
31) Naphthalene	8.20	128	1813954	48.971	ng	97
32) Benzoic acid	7.95	122	327727	37.182	ng	93
33) 4-Chloroaniline	8.25	127	783883	47.591	ng	100
34) Hexachlorobutadiene	8.33	225	408977	65.127	ng	98
35) Caprolactam	8.62	113	200192	49.521	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	583136	48.656	ng	100
37) 2-Methylnaphthalene	8.89	142	1182261	47.168	ng	99
38) 1-Methylnaphthalene	8.99	142	1134371	46.846	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	629188	58.387	ng	97

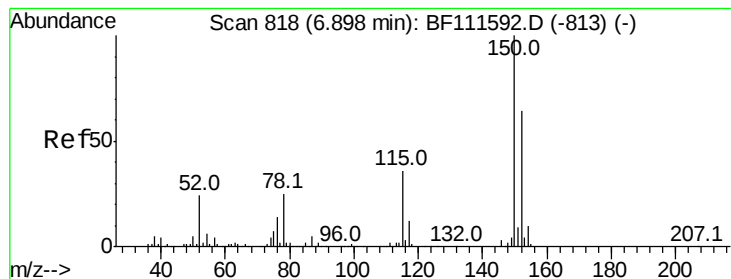
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111593.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	318727	57.609	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	425706	55.817	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	431798	53.204	nq	93
46) 1,1'-Biphenyl	9.36	154	1592686	47.836	nq	97
47) 2-Chloronaphthalene	9.38	162	1257668	49.695	nq	96
48) 2-Nitroaniline	9.47	65	356600	43.397	nq	99
49) Acenaphthylene	9.80	152	1846530	49.155	nq	96
50) Dimethylphthalate	9.66	163	1383085	48.874	nq	98
51) 2,6-Dinitrotoluene	9.71	165	296449	46.540	nq #	83
52) Acenaphthene	9.97	154	1145702	48.254	nq	99
53) 3-Nitroaniline	9.88	138	324573	41.951	nq #	99
54) 2,4-Dinitrophenol	9.98	184	83073	34.280	nq #	56
55) Dibenzofuran	10.14	168	1710430	49.629	nq	97
56) 4-Nitrophenol	10.03	139	249488	46.595	nq	95
57) 2,4-Dinitrotoluene	10.11	165	367205	43.921	nq	93
58) Fluorene	10.48	166	1203507	48.144	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	364855	57.538	nq	90
60) Diethylphthalate	10.36	149	1353840	47.229	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	674169	55.123	nq	91
62) 4-Nitroaniline	10.49	138	306890	40.069	nq	88
63) Azobenzene	10.63	77	1361756	48.187	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	149081	35.802	nq	80
66) n-Nitrosodiphenylamine	10.59	169	1181940	46.468	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	441916	55.589	nq	92
68) Hexachlorobenzene	11.03	284	490836	60.023	nq #	93
69) Atrazine	11.12	200	407677	55.460	nq	97
70) Pentachlorophenol	11.22	266	321311	64.062	nq	96
71) Phenanthrene	11.44	178	1850127	48.679	nq	96
72) Anthracene	11.49	178	1869003	48.085	nq	97
73) Carbazole	11.64	167	1788462	44.496	nq	96
74) Di-n-butylphthalate	11.98	149	2017649	45.074	nq	97
75) Fluoranthene	12.63	202	1859011	49.998	nq	97
77) Benzidine	12.74	184	949658	49.940	nq	98
78) Pyrene	12.86	202	1885940	51.710	nq	98
80) Butylbenzylphthalate	13.47	149	768996	43.257	nq #	88
81) Benzo(a)anthracene	14.04	228	1429894	50.836	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	572589	50.075	nq	97
83) Chrysene	14.07	228	1431413	48.308	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	923234	40.660	nq	98
85) Di-n-octyl phthalate	14.64	149	1404456	36.670	nq	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	1315288	61.504	nq #	90
88) Benzo(b)fluoranthene	15.09	252	1280476	49.592	nq #	95
89) Benzo(k)fluoranthene	15.12	252	1181064	47.872	nq #	96
90) Benzo(a)pyrene	15.46	252	1159007	49.778	nq #	95
91) Dibenzo(a,h)anthracene	17.02	278	1107981	60.325	nq #	92
92) Benzo(g,h,i)perylene	17.44	276	1092899	60.620	nq #	90

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

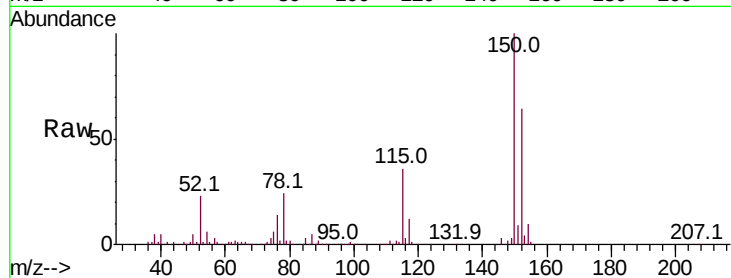


#1

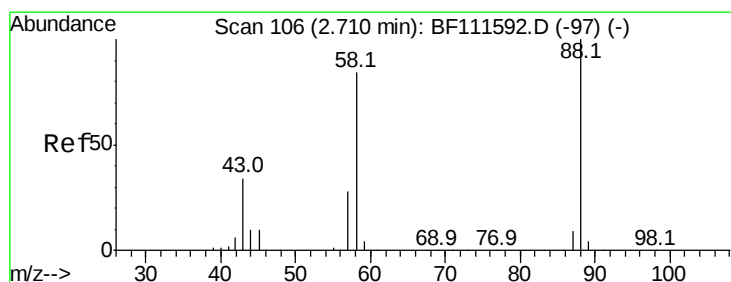
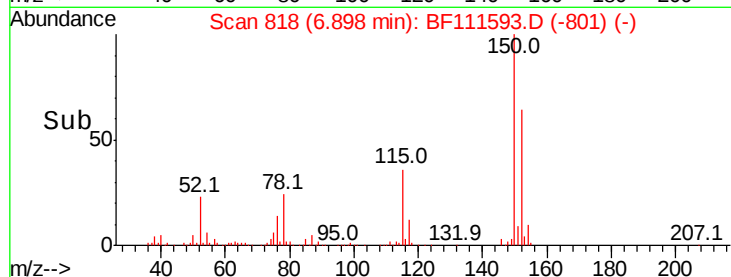
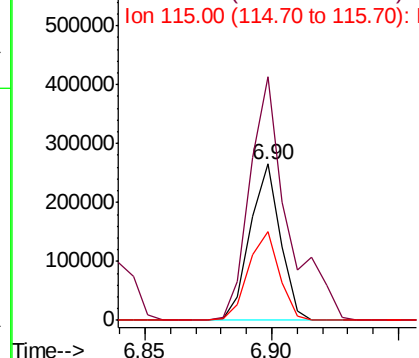
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 220600
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 56.6 50.7 76.1



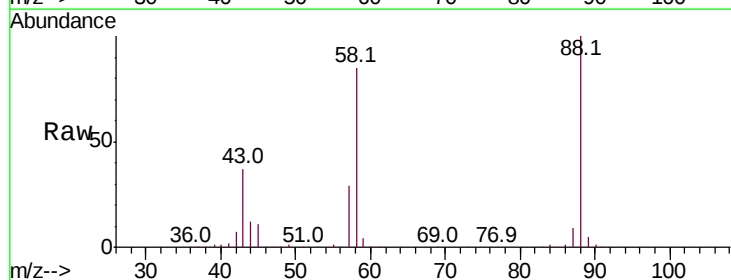
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



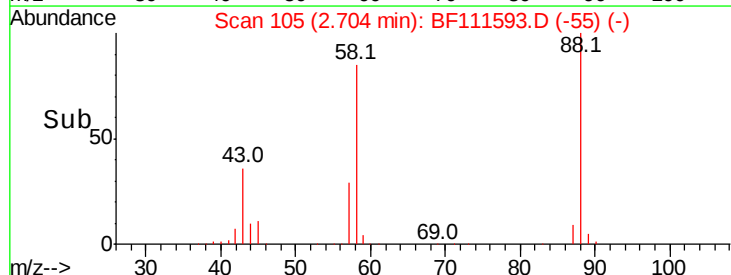
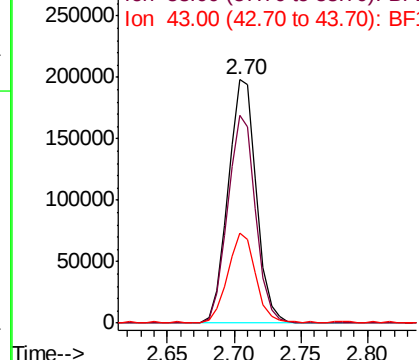
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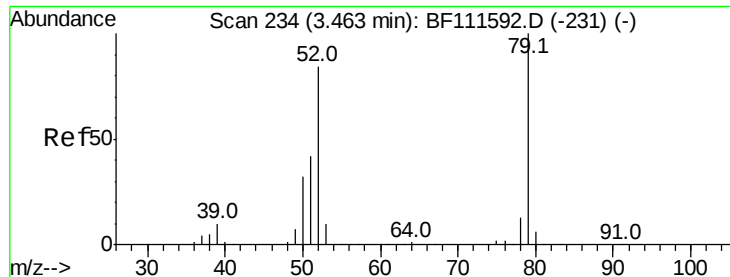
1,4-Dioxane
Concen: 45.956 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion: 88 Resp: 294242
Ion Ratio Lower Upper
88 100
58 84.3 68.9 103.3
43 35.6 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 47.674 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

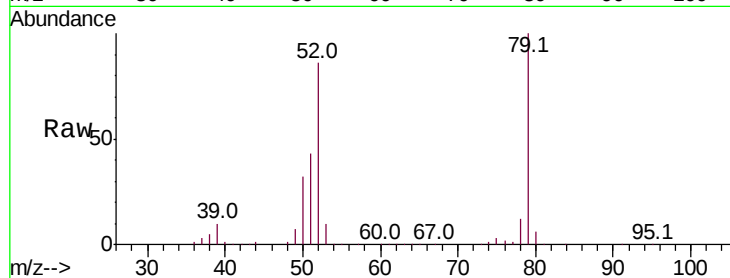
Tot Ion: 79 Resp: 766621

Ion Ratio Lower Upper

79 100

52 86.1 68.3 102.5

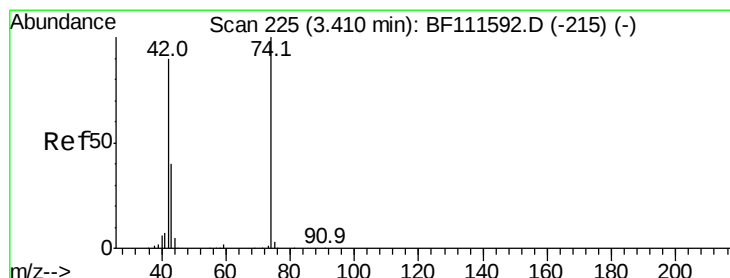
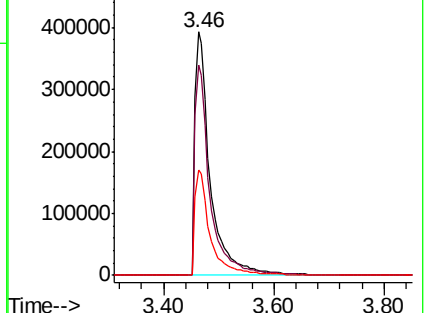
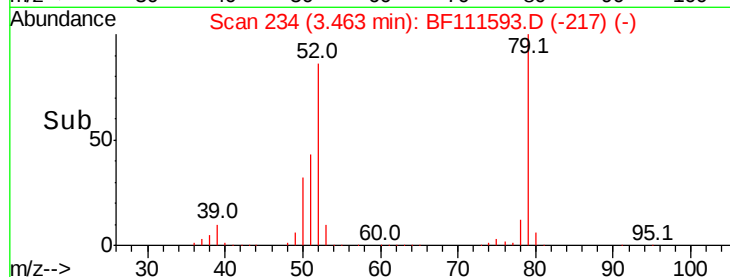
51 43.3 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 51.904 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

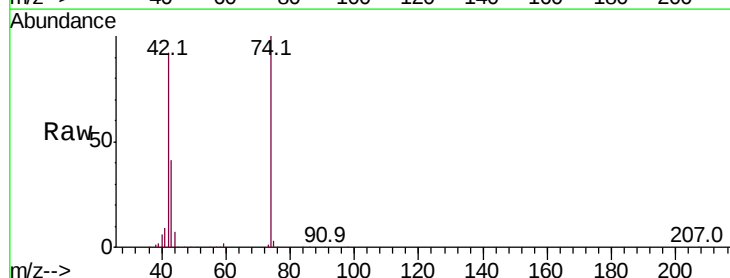
Tgt Ion: 42 Resp: 379116

Ion Ratio Lower Upper

42 100

74 108.6 101.5 152.3

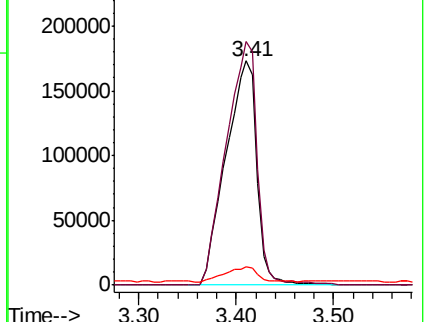
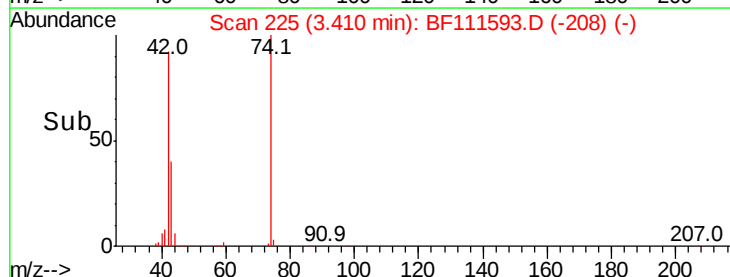
44 8.0 6.0 9.0

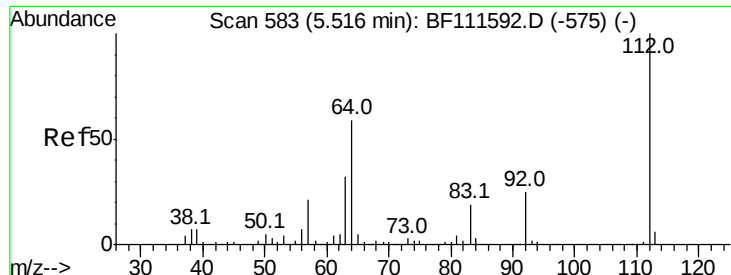


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.552 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

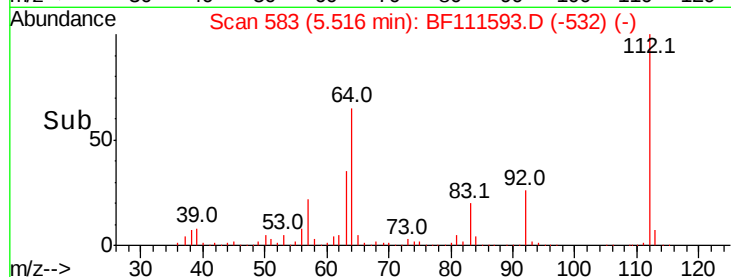
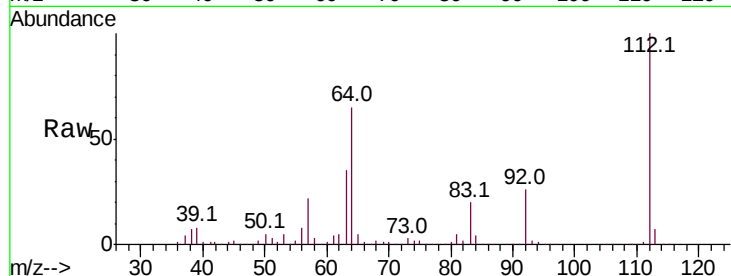
Tot Ion:112 Resp: 1226935

Ion Ratio Lower Upper

112 100

64 64.7 51.8 77.6

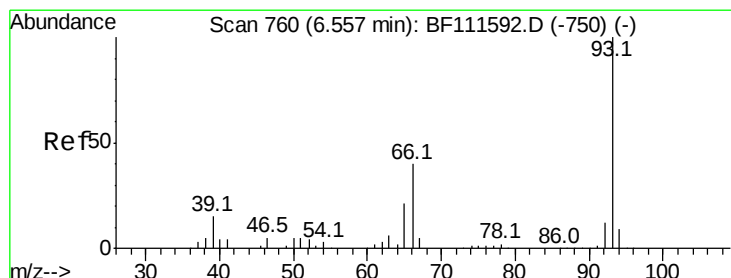
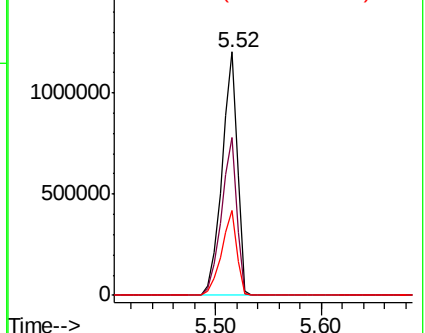
63 34.7 26.8 40.2



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: 46.552 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

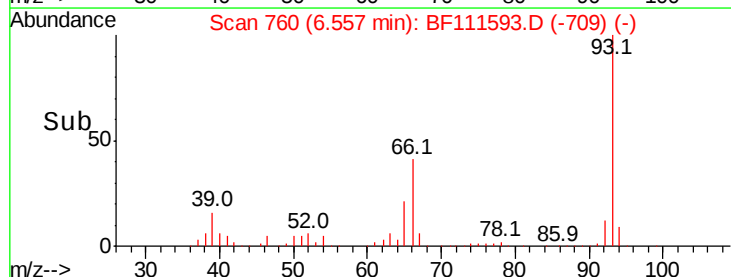
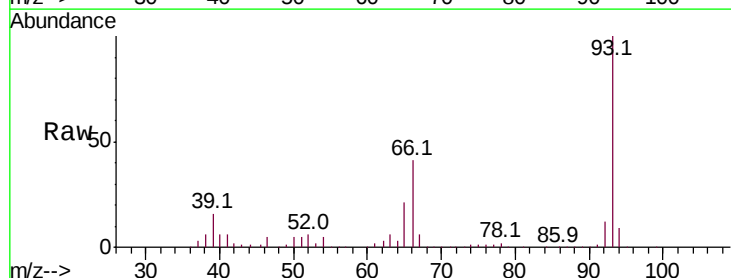
Tgt Ion: 93 Resp: 1018254

Ion Ratio Lower Upper

93 100

66 40.7 33.2 49.8

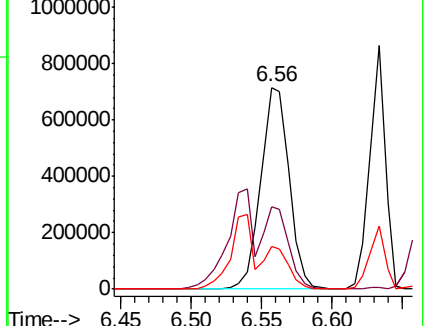
65 21.4 17.0 25.4

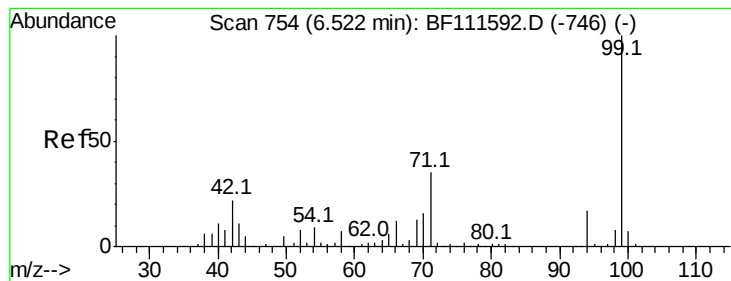


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.666 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

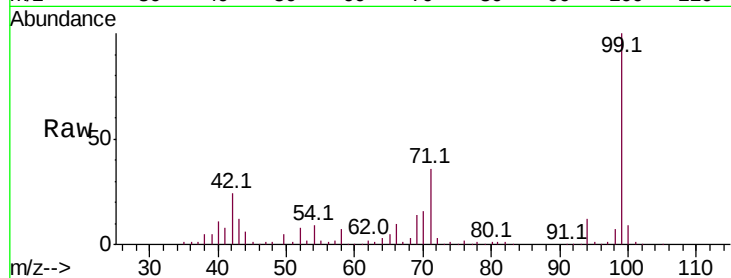
Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 1563512

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.4	26.0
71	35.7	26.1	39.1

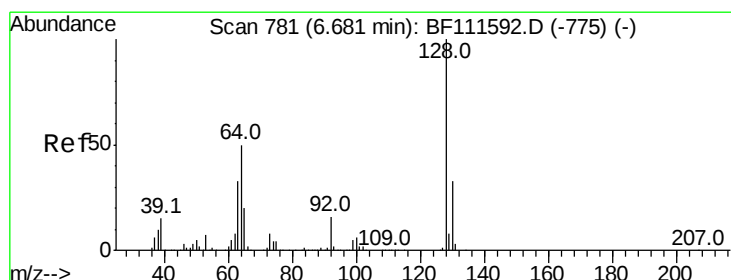
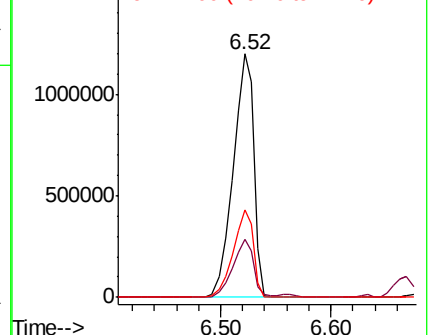
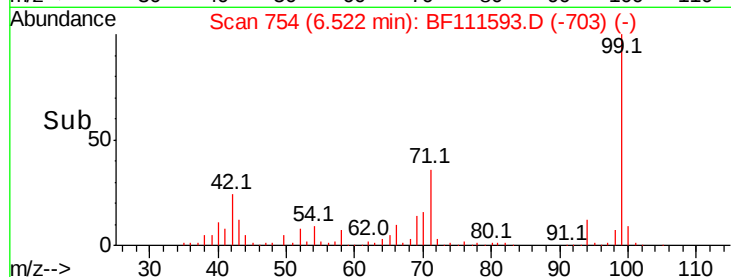


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.279 ng

RT: 6.69 min Scan# 782

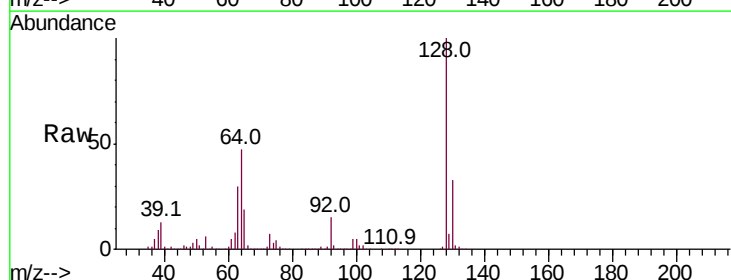
Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:128 Resp: 685530

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	47.2	30.0	70.0

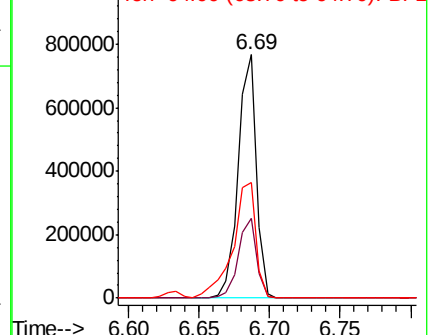
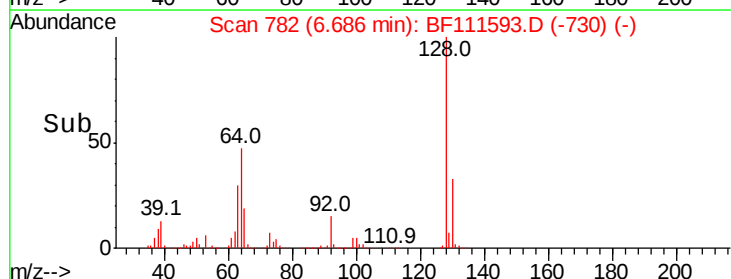


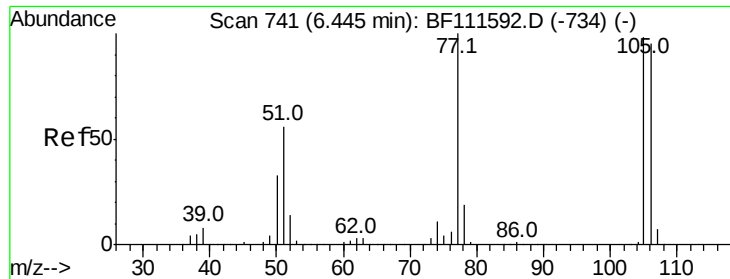
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.654 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

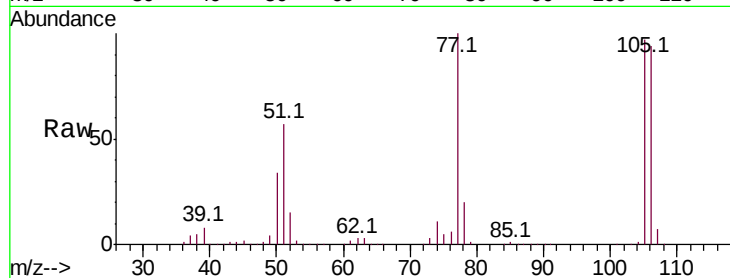
Tot Ion: 77 Resp: 520388

Ion Ratio Lower Upper

77 100

105 96.7 81.4 121.4

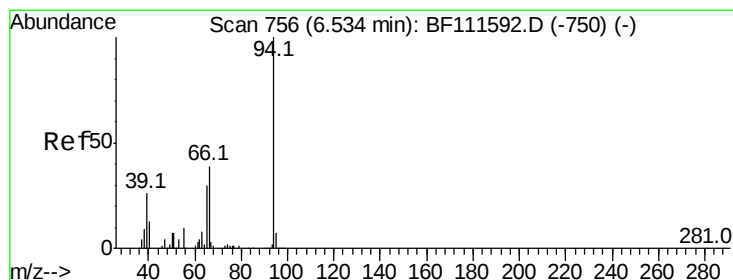
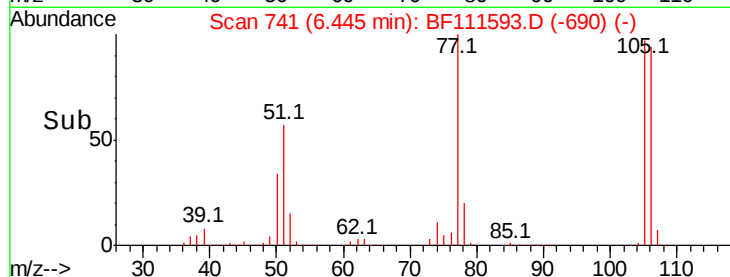
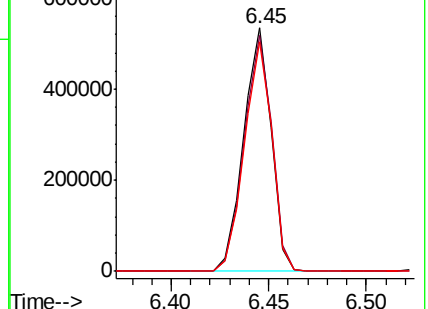
106 94.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.942 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

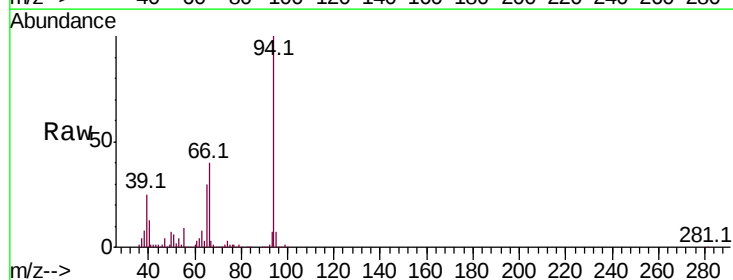
Tgt Ion: 94 Resp: 902468

Ion Ratio Lower Upper

94 100

65 29.9 11.7 51.7

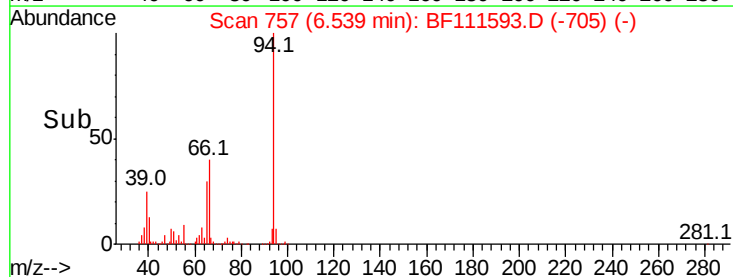
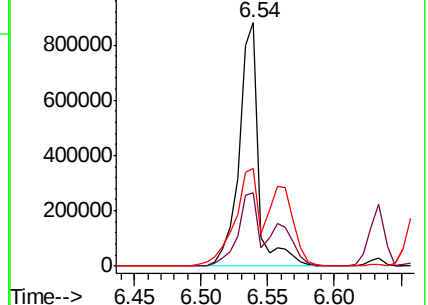
66 40.3 21.0 61.0

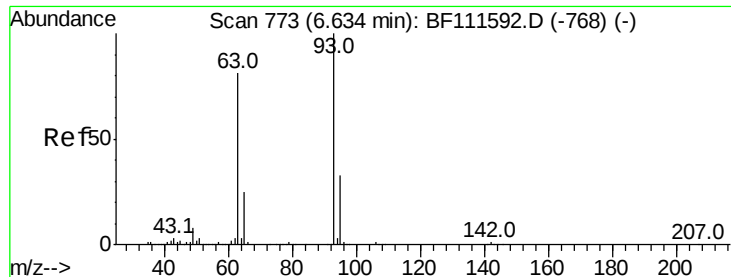


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.404 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

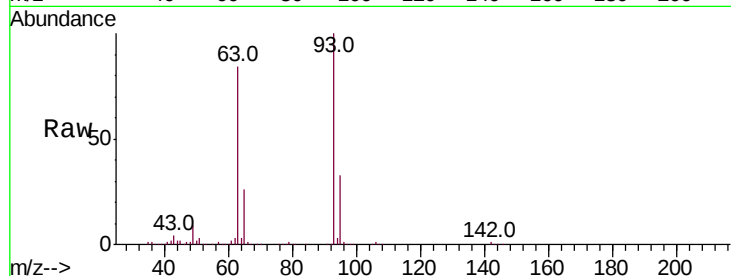
Tot Ion: 93 Resp: 668371

Ion Ratio Lower Upper

93 100

63 84.2 60.0 100.0

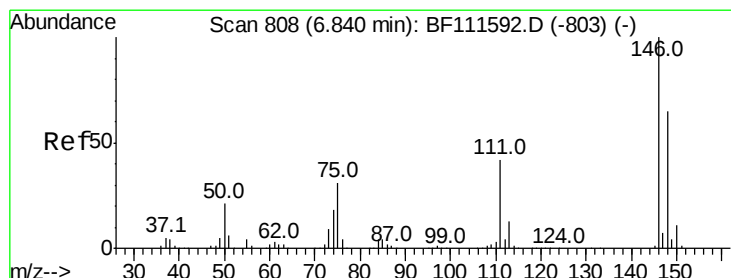
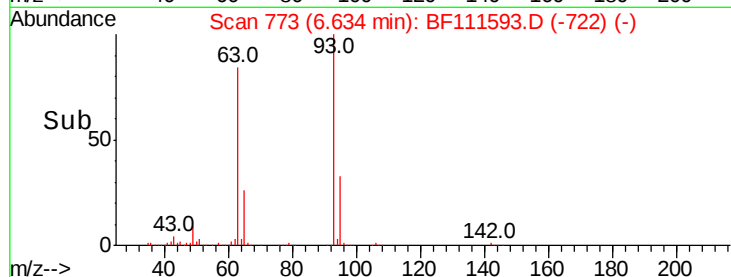
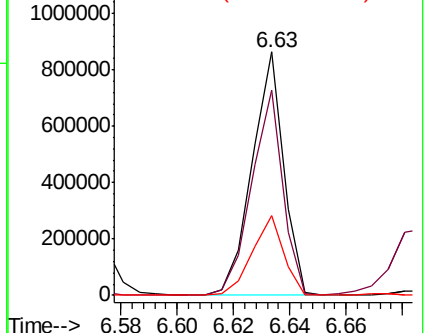
95 32.6 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 45.604 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

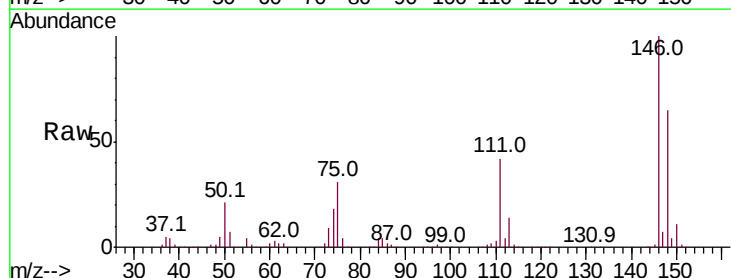
Tgt Ion: 146 Resp: 795151

Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

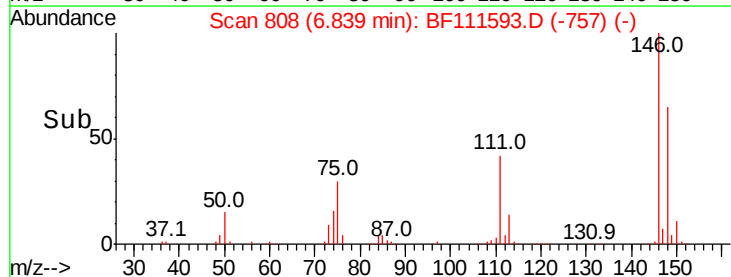
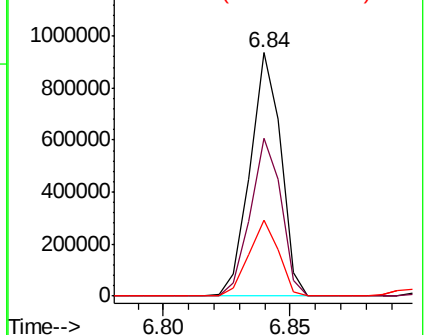
75 31.3 23.9 35.9

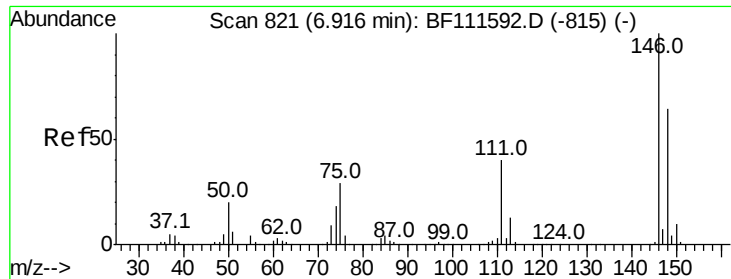


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

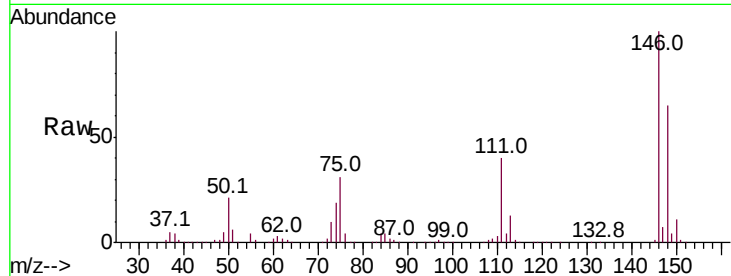




#13
 1,4-Dichlorobenzene
 Concen: 45.903 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.8	79.2
111	39.9	33.4	50.0

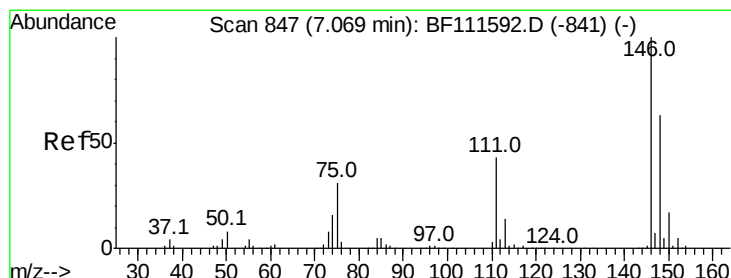
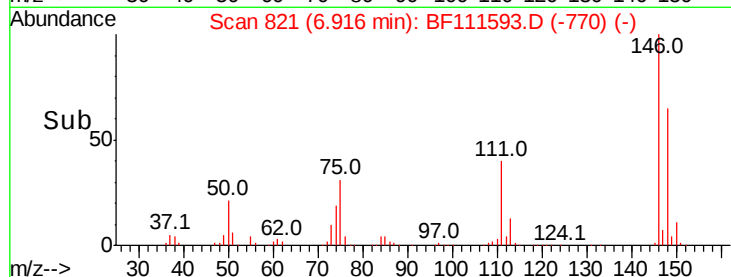
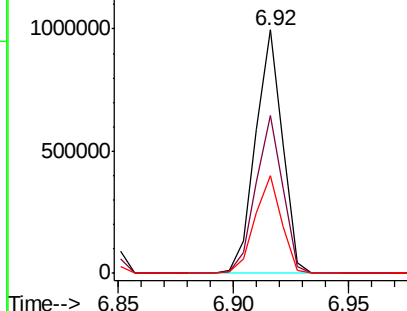


Abundance

Ion 146.00 (145.70 to 146.70): E

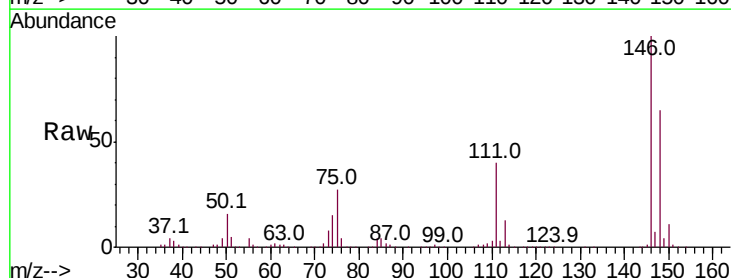
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.927 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	40.1	36.2	54.4

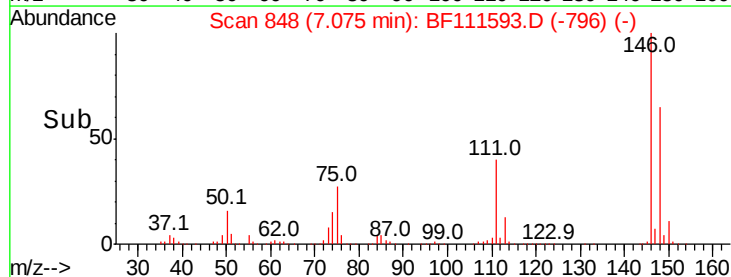
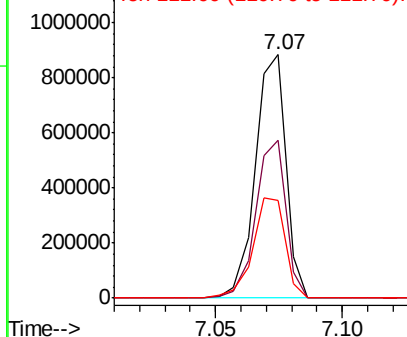


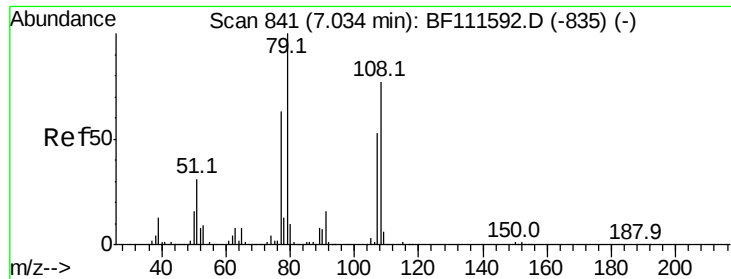
Abundance

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: 47.300 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

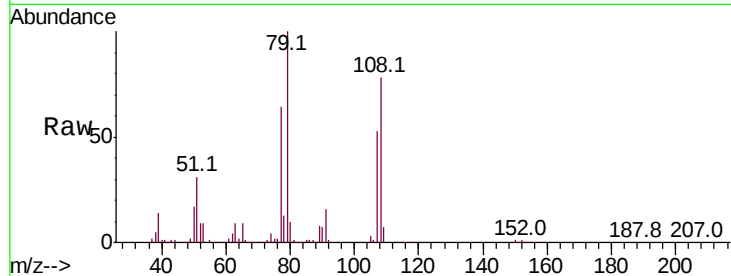
Tot Ion: 79 Resp: 634644

Ion Ratio Lower Upper

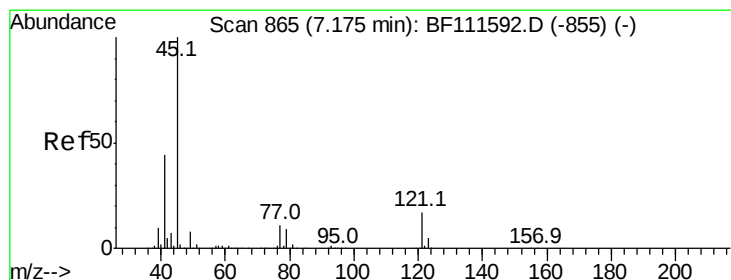
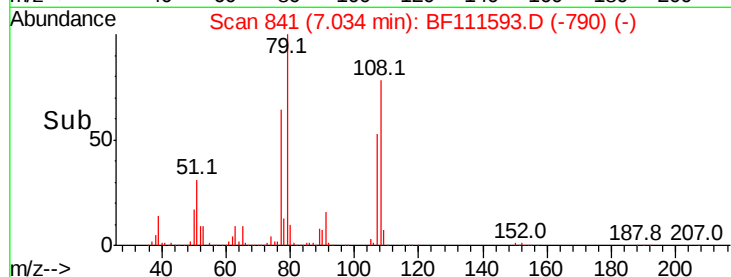
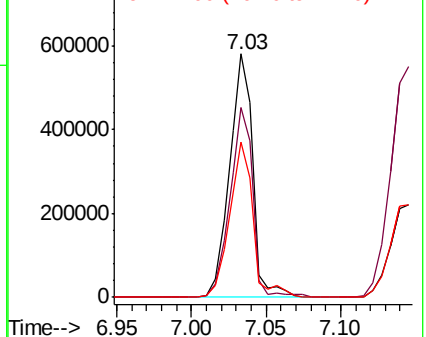
79 100

108 78.0 69.4 104.2

77 63.7 49.7 74.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.505 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

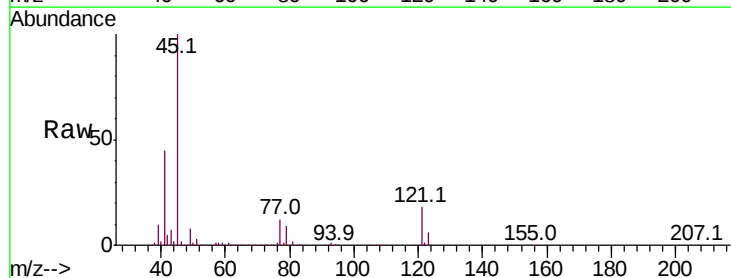
Tgt Ion: 45 Resp: 1217834

Ion Ratio Lower Upper

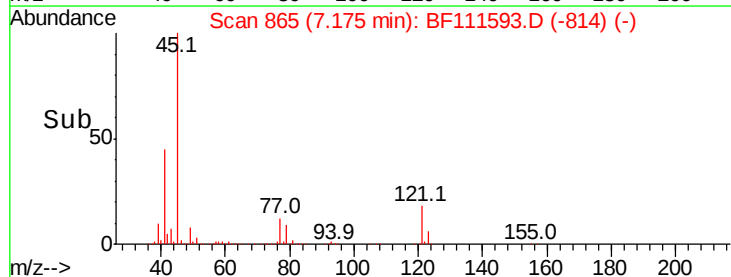
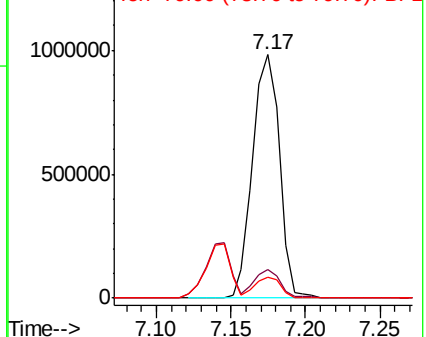
45 100

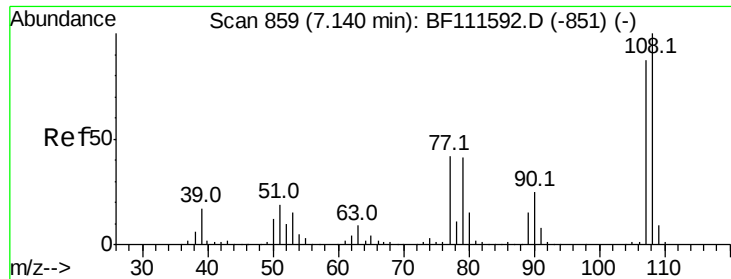
77 11.5 0.0 31.5

79 8.7 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

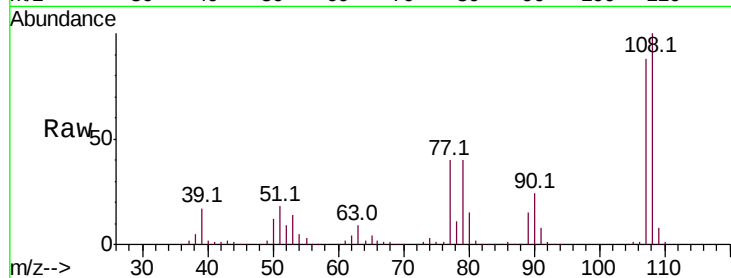




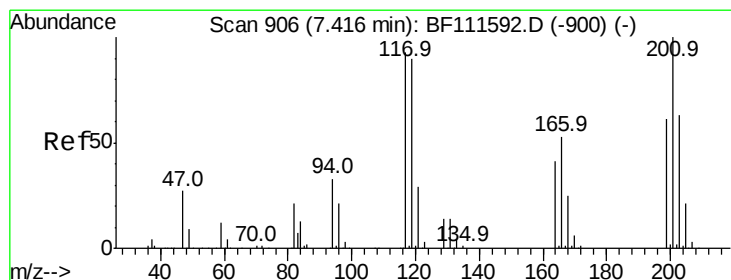
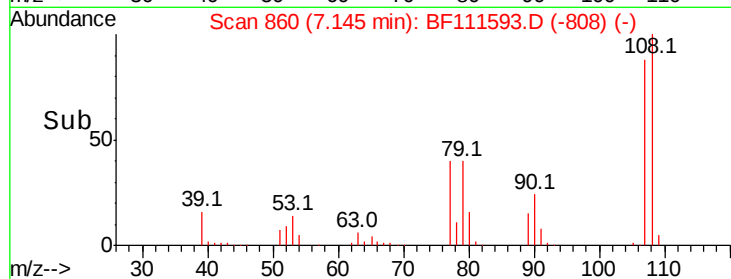
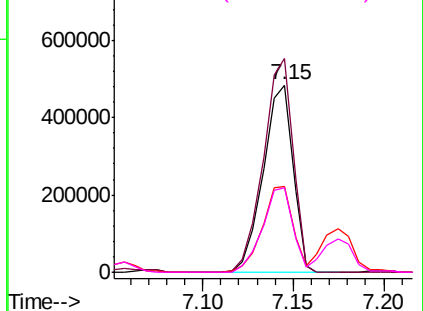
#17
2-Methylphenol
Concen: 43.455 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	553952
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	46.0	33.5	50.3
79	45.5	33.3	49.9

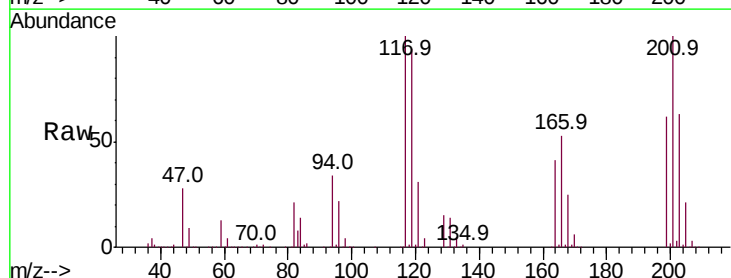


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

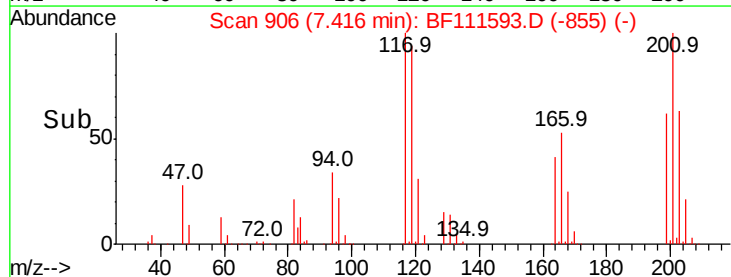
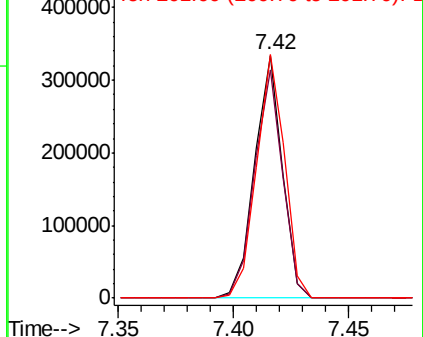


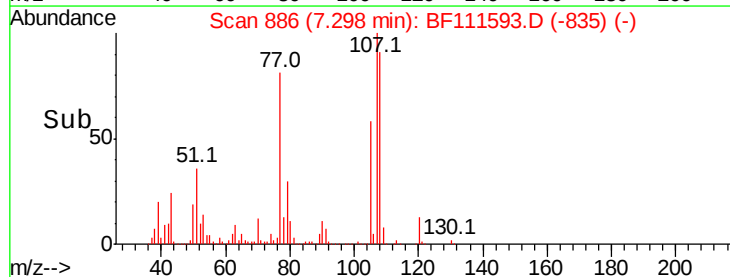
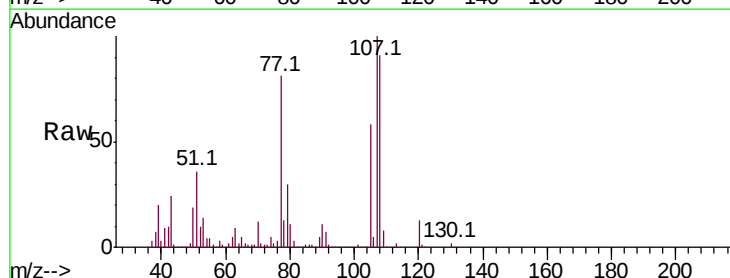
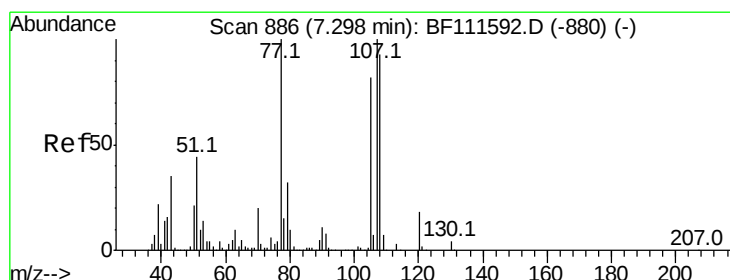
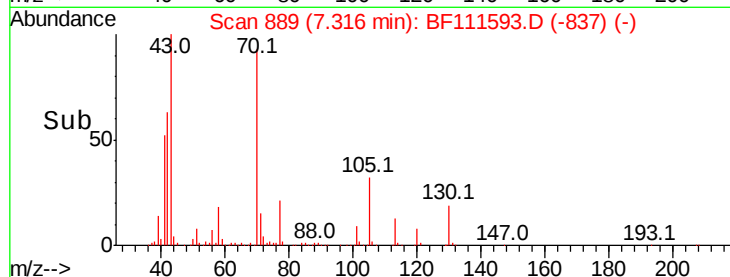
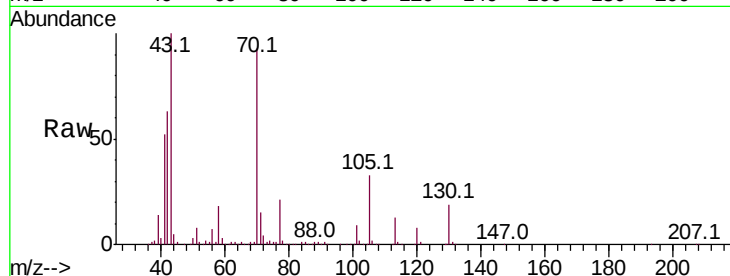
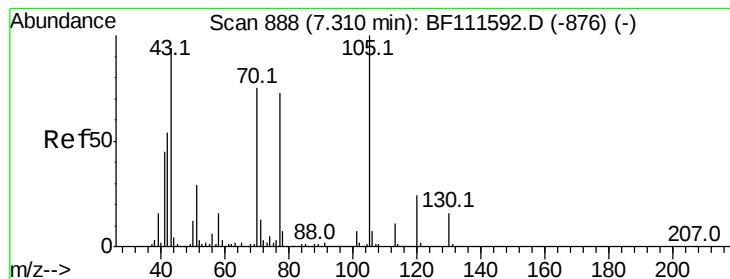
#18
Hexachloroethane
Concen: 42.355 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:	117	Resp:	278967
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	100.2	62.4	93.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.408 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 516636

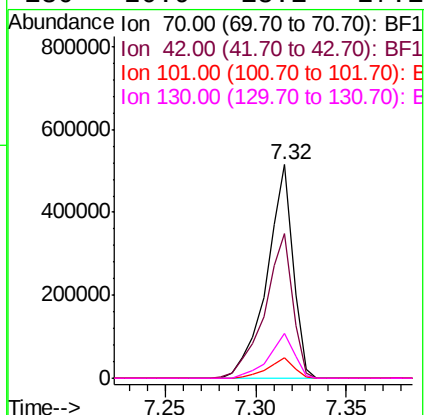
Ion Ratio Lower Upper

70 100

42 67.5 53.2 79.8

101 9.5 8.2 12.4

130 20.9 18.1 27.1



#20

3+4-Methylphenols

Concen: 43.184 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:107 Resp: 690535

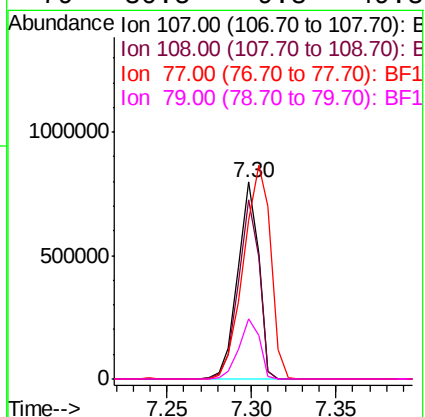
Ion Ratio Lower Upper

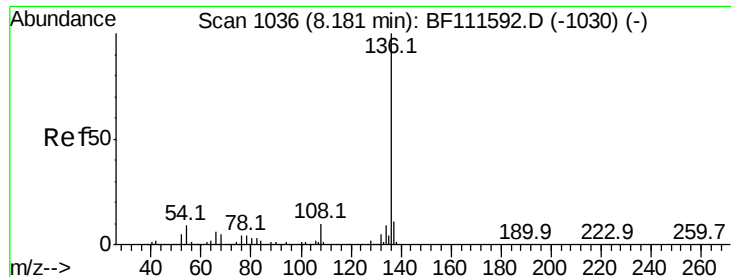
107 100

108 90.8 72.1 112.1

77 80.6 94.1 134.1#

79 30.5 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111593.D

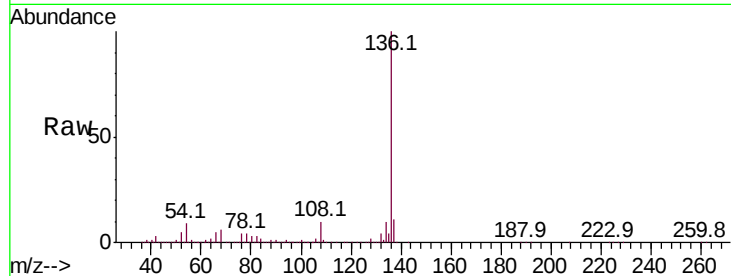
Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	791947
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	9.3	7.7	11.5
68	5.6	4.9	7.3

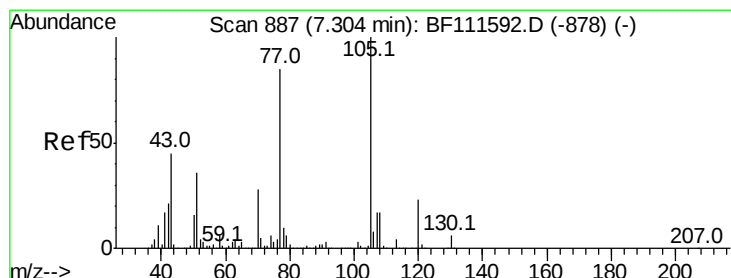
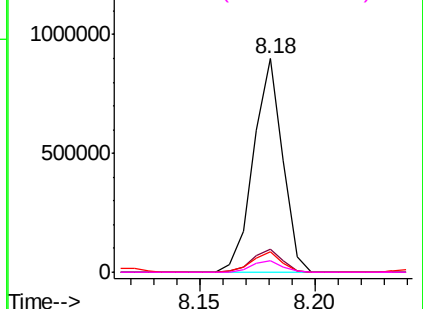
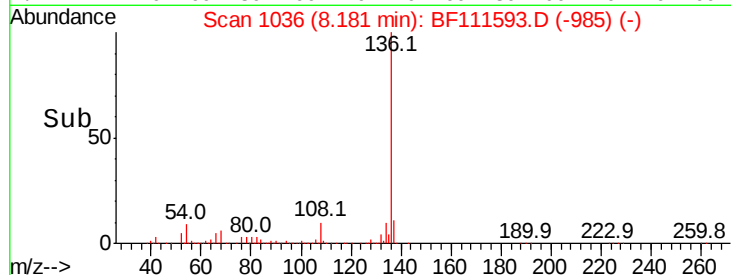


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 53.687 ng

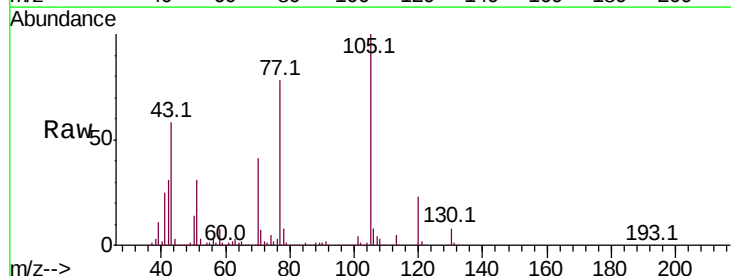
RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	105	Resp:	949129
Ion Ratio	Lower	Upper	
105	100		
71	7.0	3.1	4.7#
51	31.3	36.6	54.8#
120	23.4	18.2	27.4

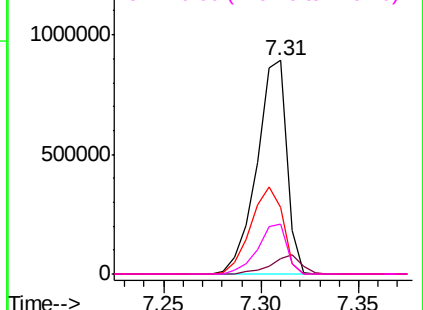
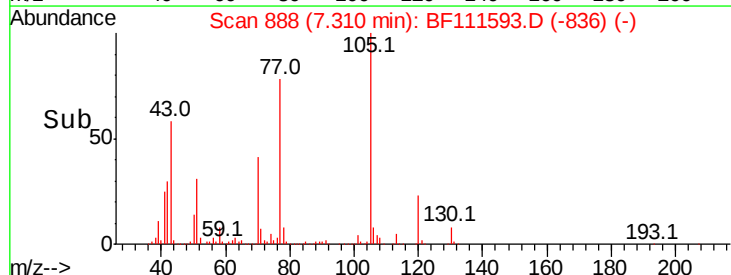


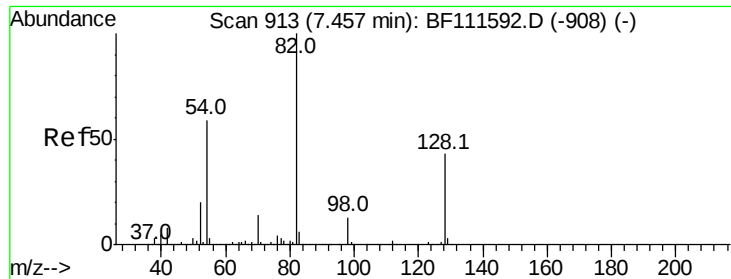
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

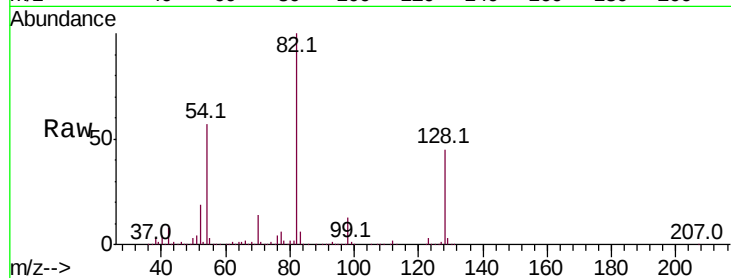




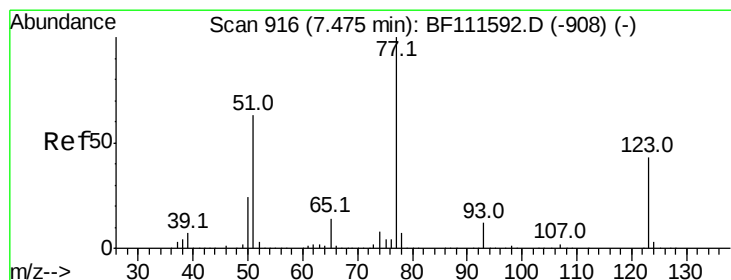
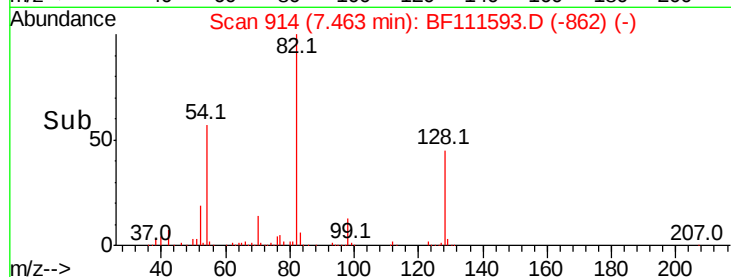
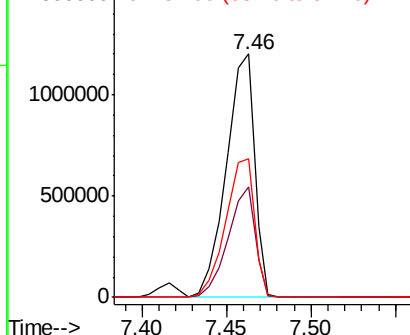
#23
Nitrobenzene-d5
Concen: 105.066 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1397287
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.2
54 57.0 47.6 71.4

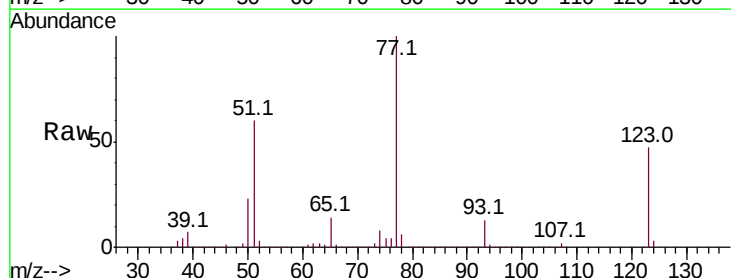


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

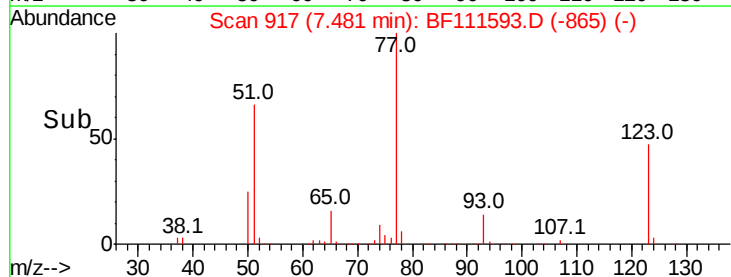
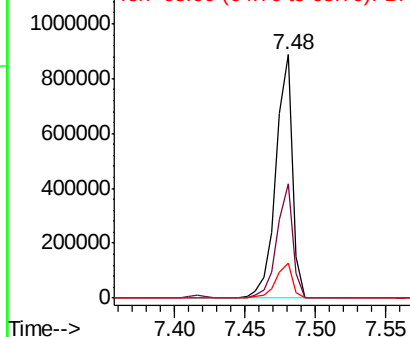


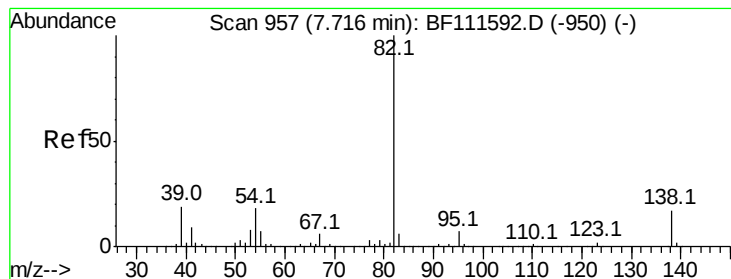
#24
Nitrobenzene
Concen: 53.919 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion: 77 Resp: 731503
Ion Ratio Lower Upper
77 100
123 47.1 37.2 55.8
65 14.3 11.5 17.3



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





#25

Isophorone

Concen: 51.856 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

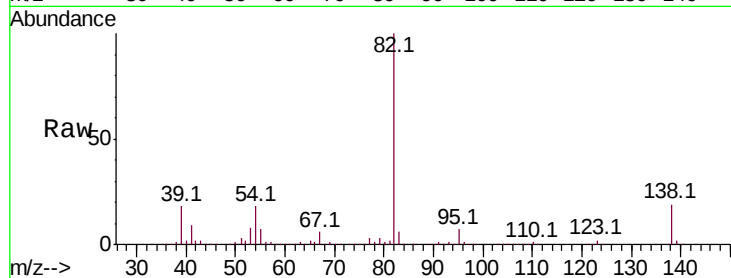
Tot Ion: 82 Resp: 1166885

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

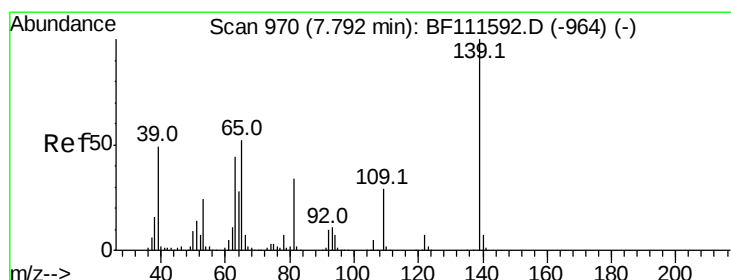
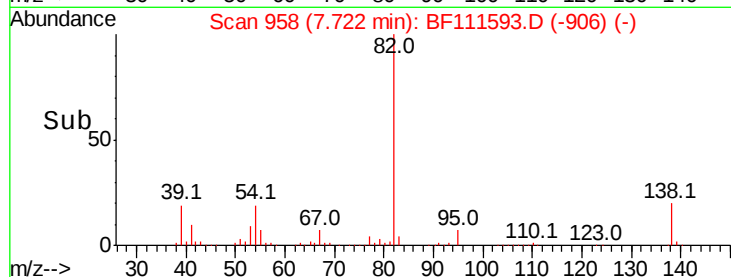
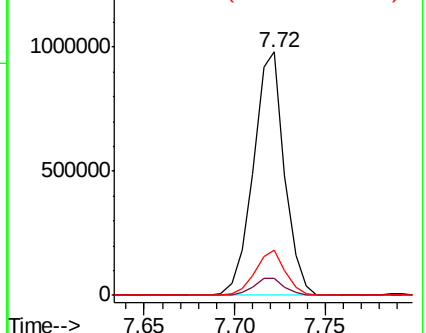
138 18.8 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.413 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

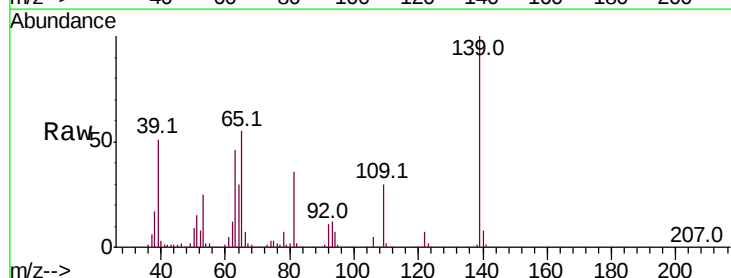
Tgt Ion:139 Resp: 312472

Ion Ratio Lower Upper

139 100

109 29.6 20.2 30.4

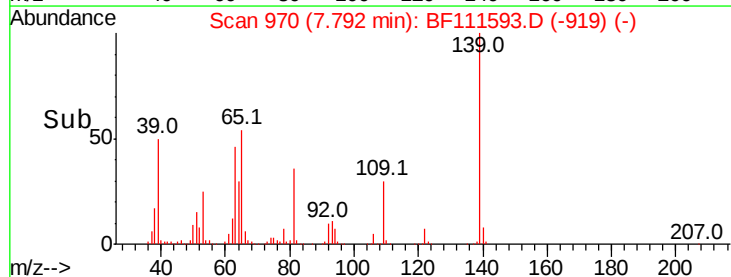
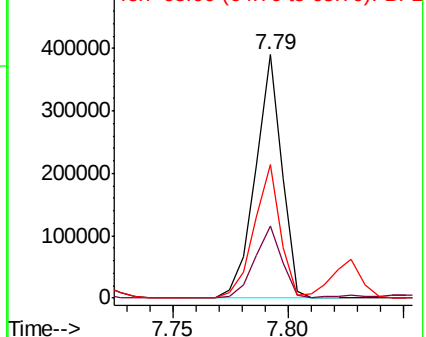
65 54.7 40.7 61.1

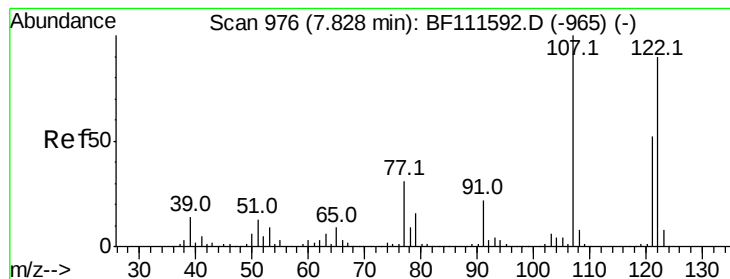


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

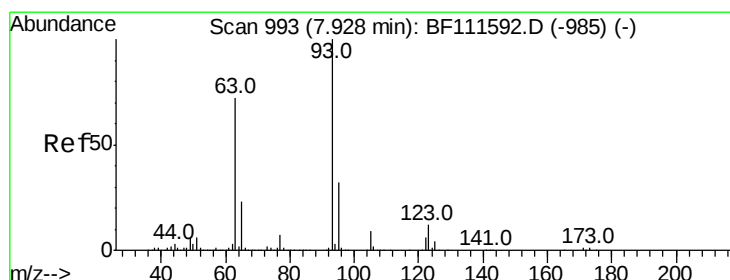
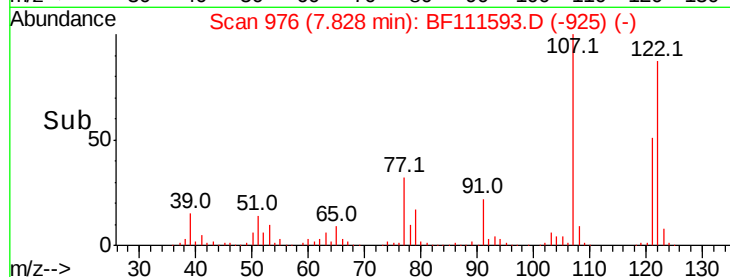
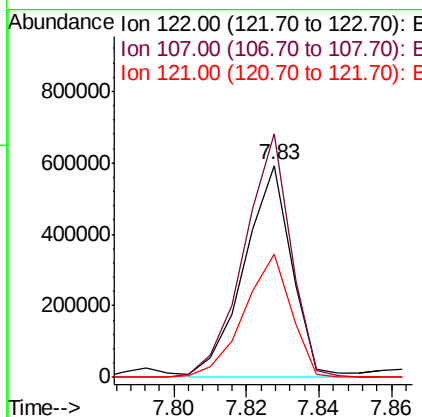
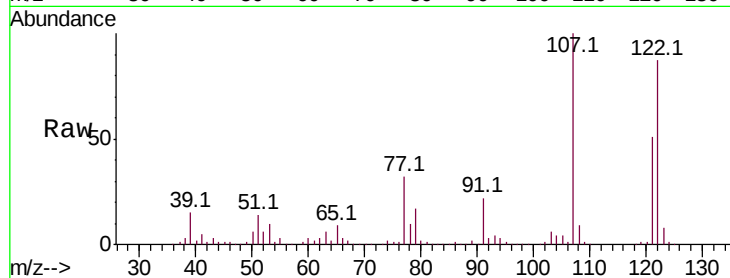




#27
 2,4-Dimethylphenol
 Concen: 52.695 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

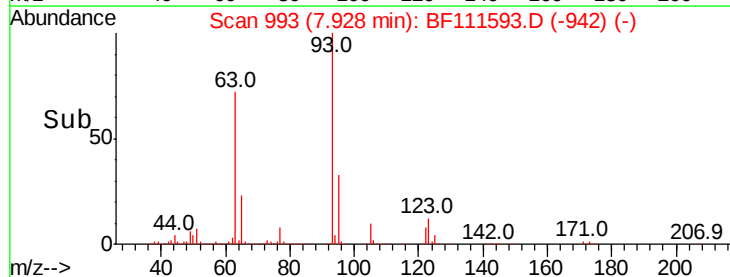
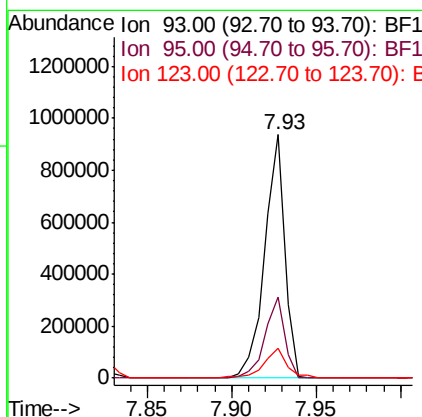
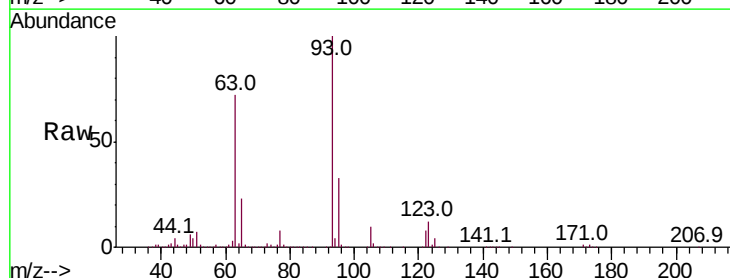
Instrument :
 BNA_F
 ClientSampleId :

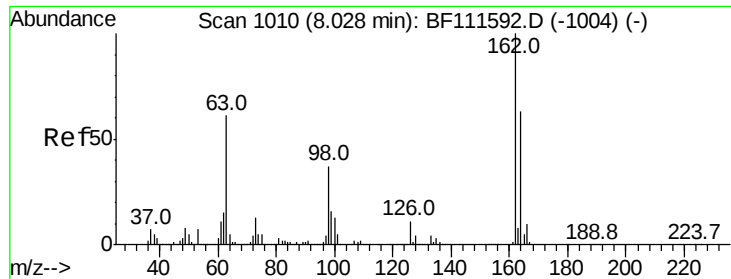
Tot Ion:122 Resp: 537477
 Ion Ratio Lower Upper
 122 100
 107 115.0 85.5 128.3
 121 58.4 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.958 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion: 93 Resp: 776075
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.1 40.7
 123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 55.220 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

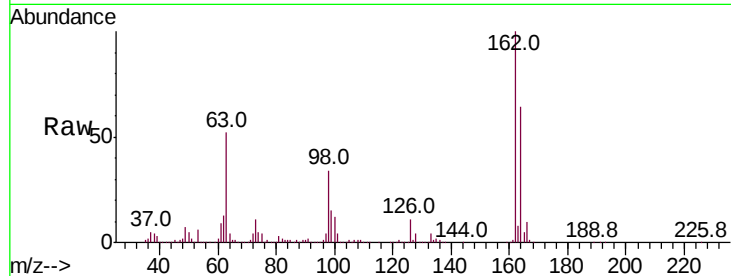
Tot Ion:162 Resp: 601251

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

98 34.1 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

800000

600000

400000

200000

0

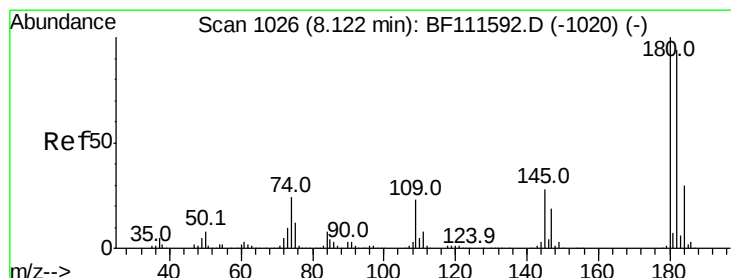
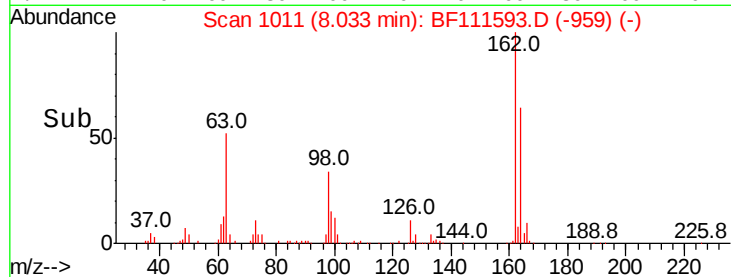
8.03

8.00

8.05

8.10

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 58.272 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

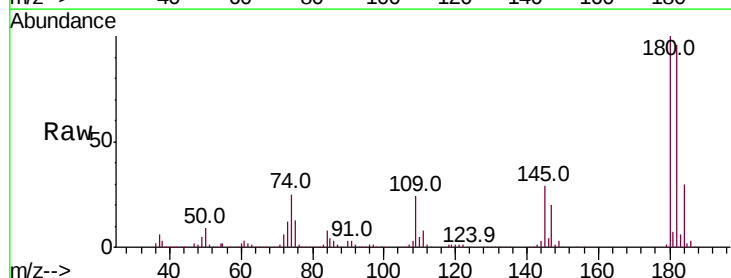
Tgt Ion:180 Resp: 664202

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 28.8 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

1000000

800000

600000

400000

200000

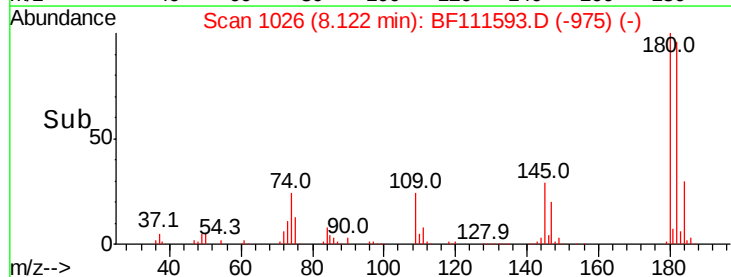
0

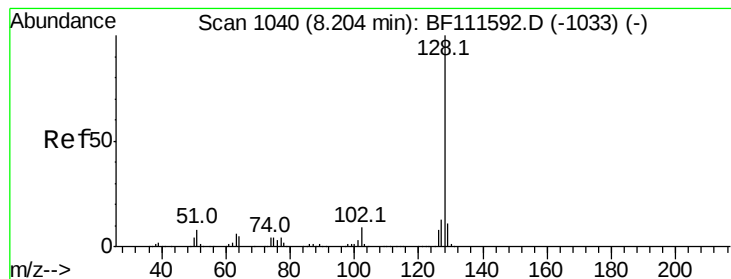
8.12

8.10

8.15

Time-->





#31

Naphthalene

Concen: 48.971 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

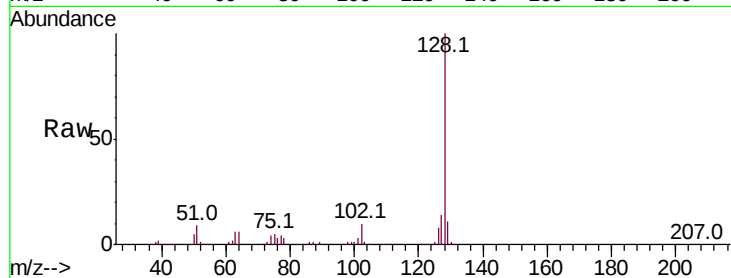
Tot Ion:128 Resp: 1813954

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

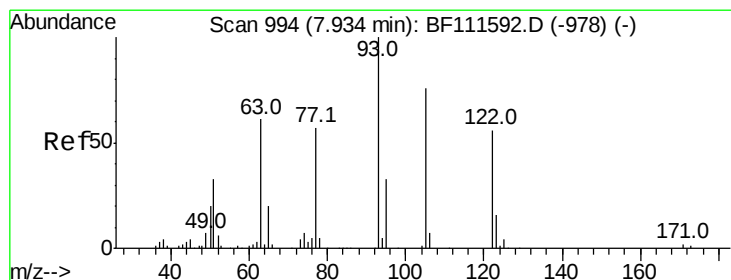
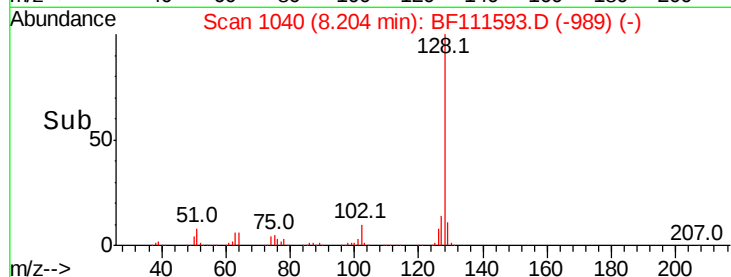
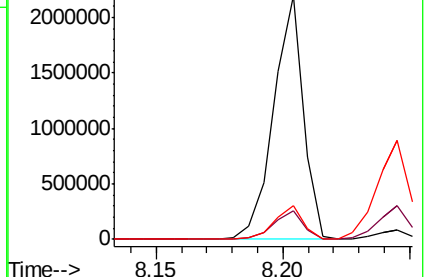
127 13.7 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.182 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

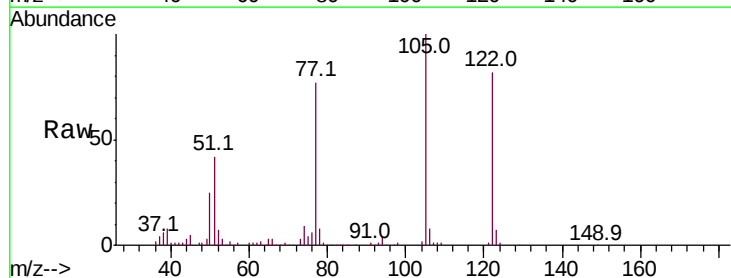
Tgt Ion:122 Resp: 327727

Ion Ratio Lower Upper

122 100

105 122.6 97.0 137.0

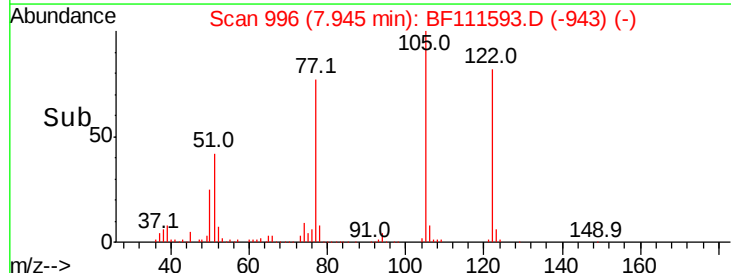
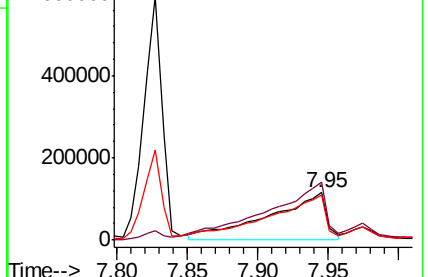
77 94.8 65.7 105.7

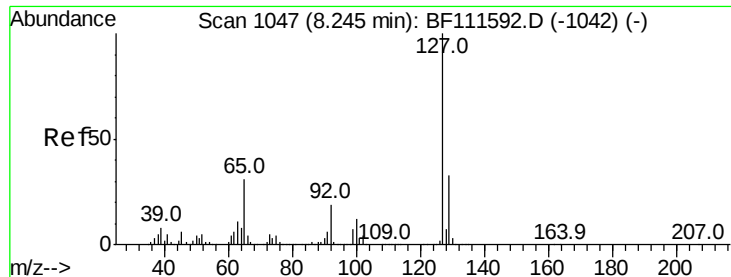


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

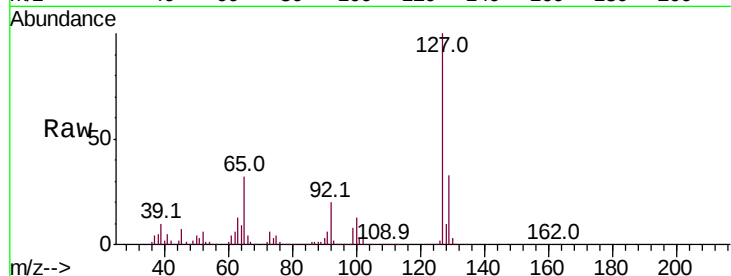




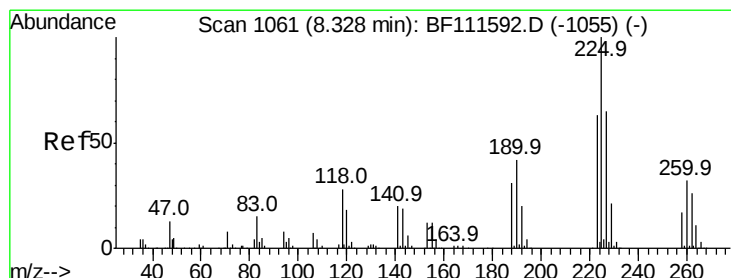
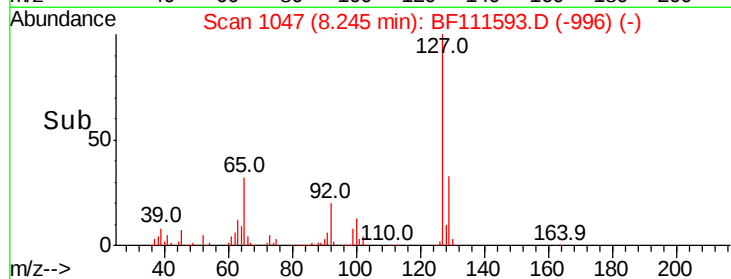
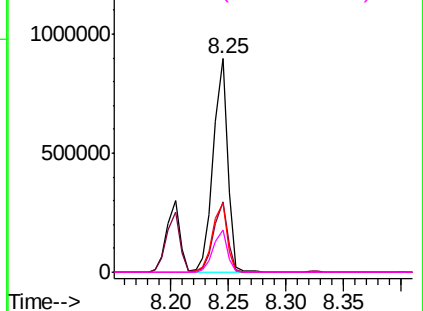
#33
4-Chloroaniline
Concen: 47.591 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	783883
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	32.1	25.7	38.5
92	19.8	15.4	23.2

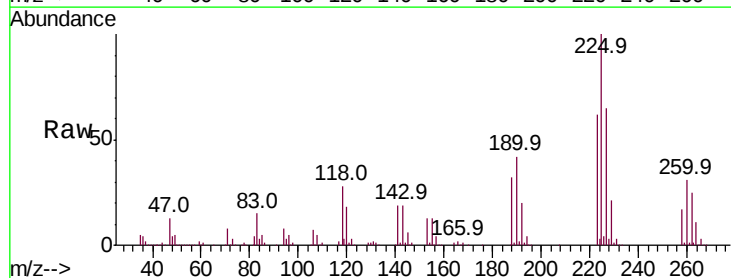


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

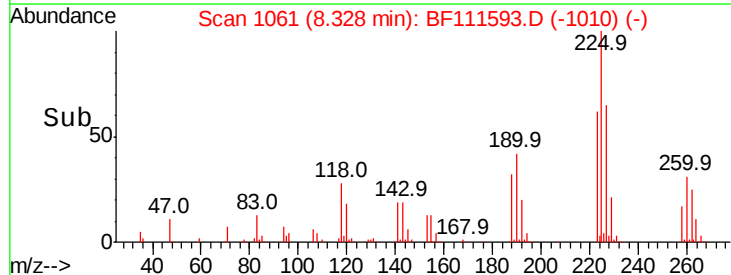
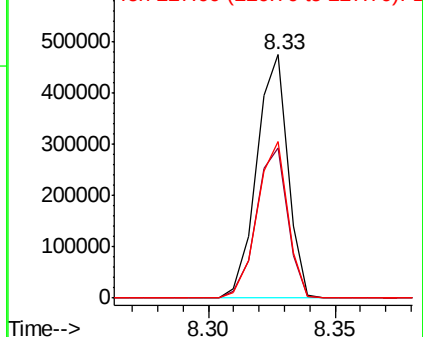


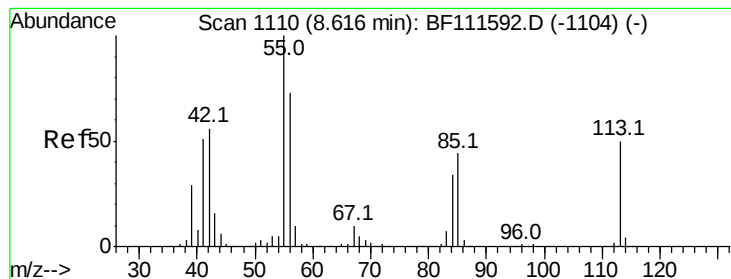
#34
Hexachlorobutadiene
Concen: 65.127 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:	225	Resp:	408977
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.7	76.1
227	64.5	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.521 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

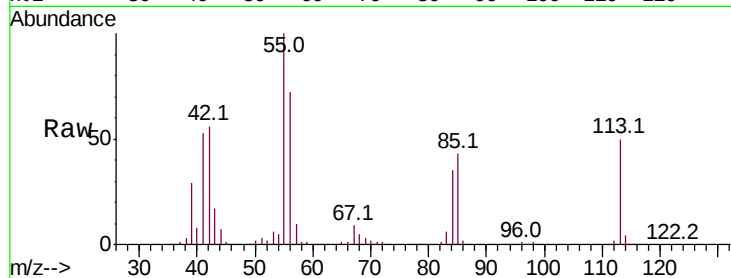
Tot Ion:113 Resp: 200192

Ion Ratio Lower Upper

113 100

55 200.8 184.1 224.1

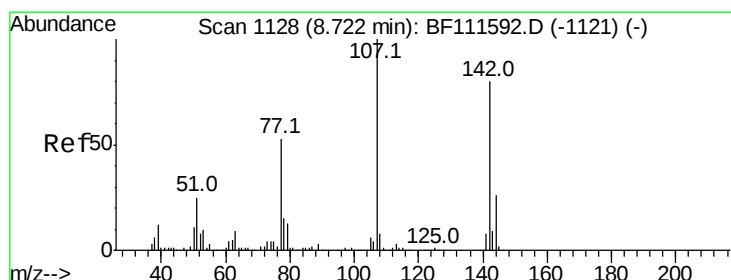
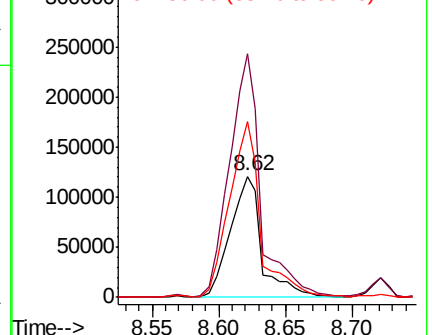
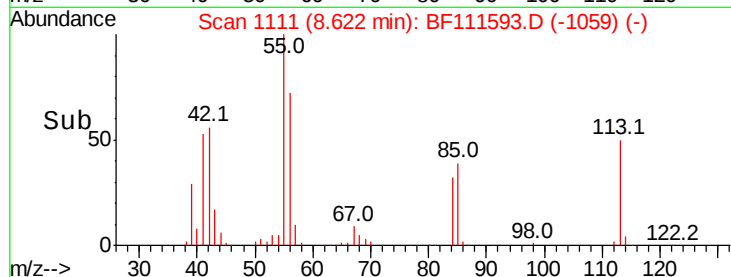
56 145.2 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.656 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

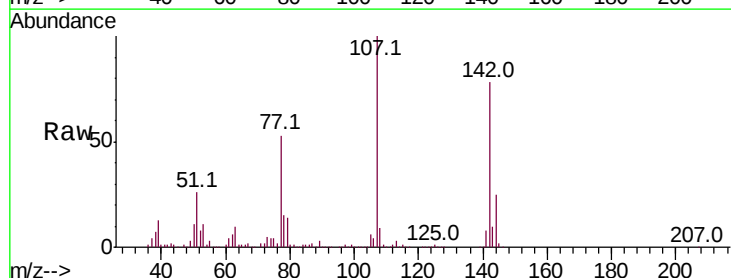
Tgt Ion:107 Resp: 583136

Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.6

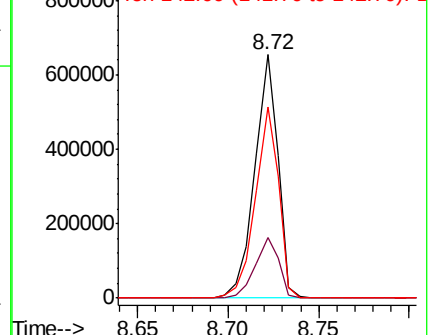
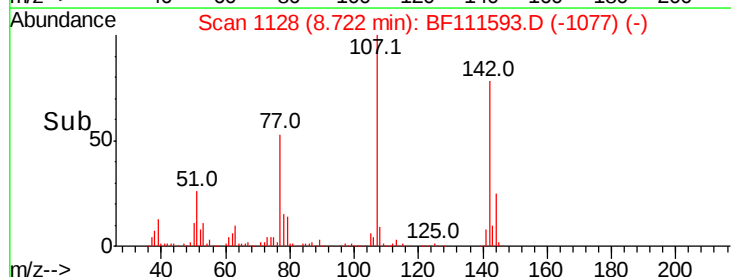
142 78.3 62.3 93.5

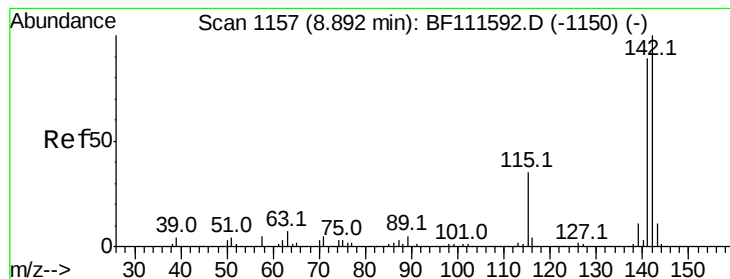


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

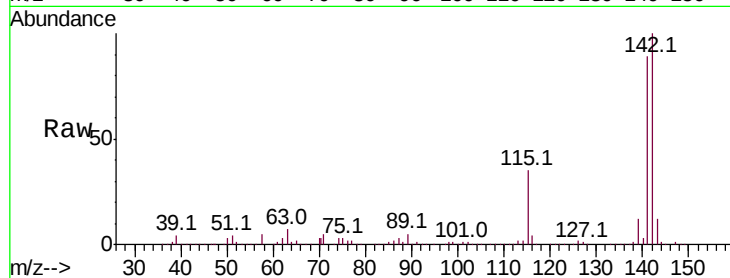




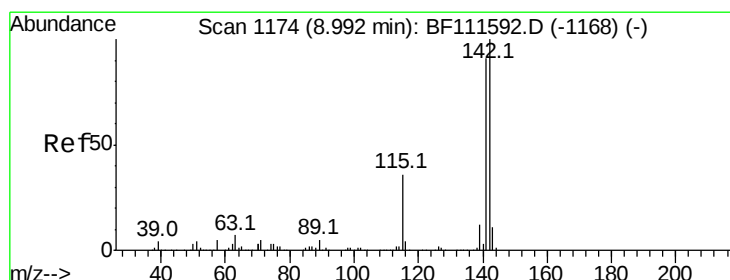
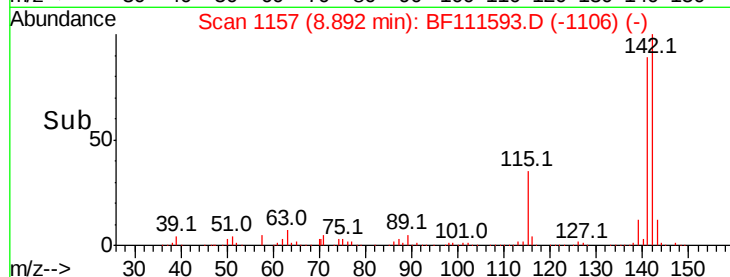
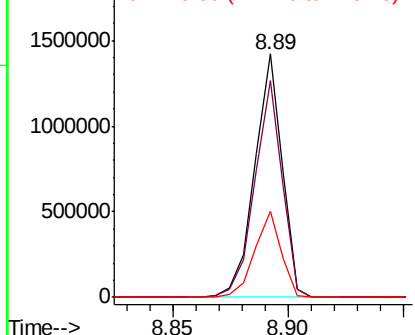
#37
2-Methylnaphthalene
Concen: 47.168 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1182261
Ion Ratio Lower Upper
142 100
141 89.1 70.6 105.8
115 35.2 27.0 40.6

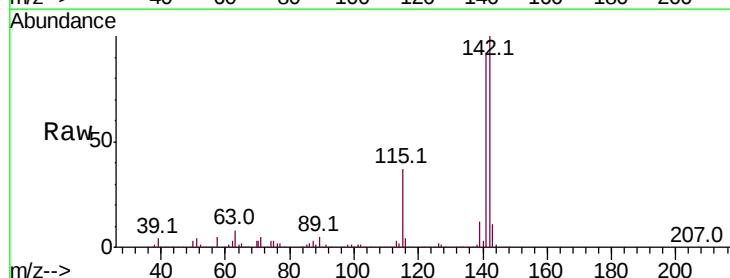


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

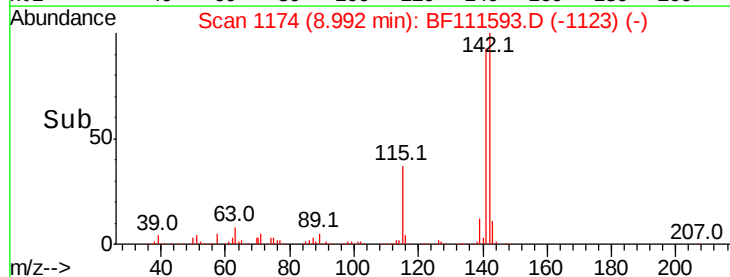
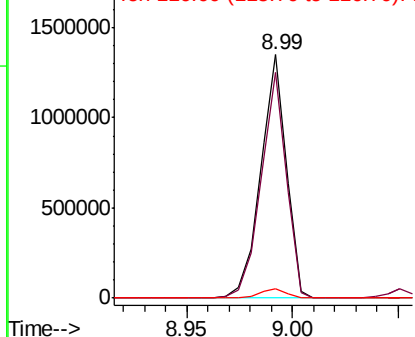


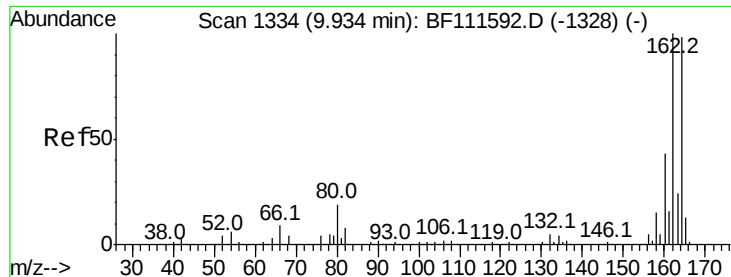
#38
1-Methylnaphthalene
Concen: 46.846 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:142 Resp: 1134371
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

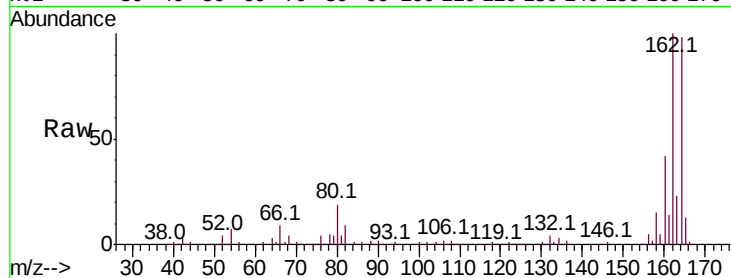
Tot Ion:164 Resp: 392942

Ion Ratio Lower Upper

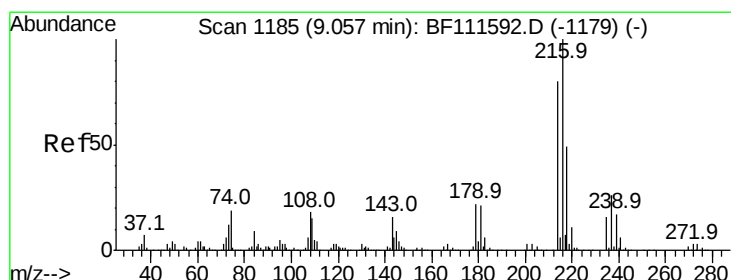
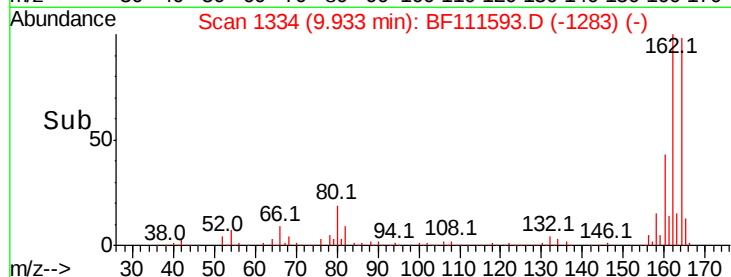
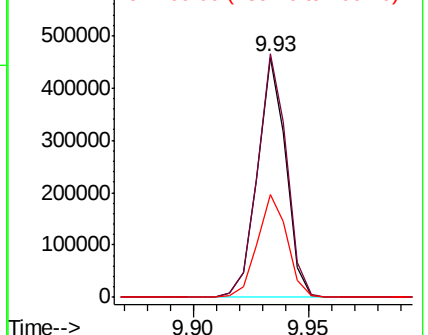
164 100

162 101.6 81.4 122.0

160 43.1 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.387 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:216 Resp: 629188

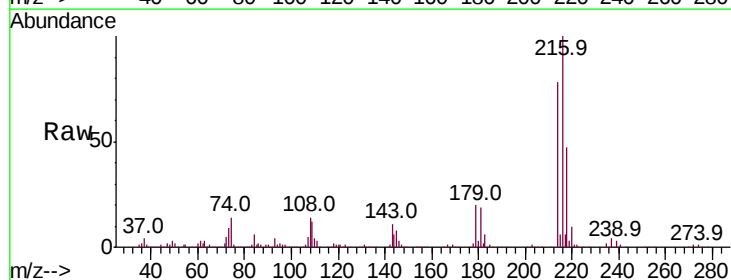
Ion Ratio Lower Upper

216 100

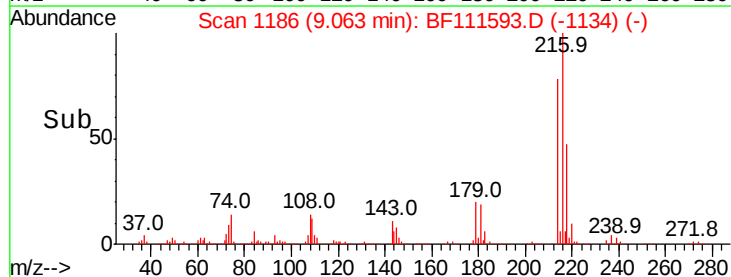
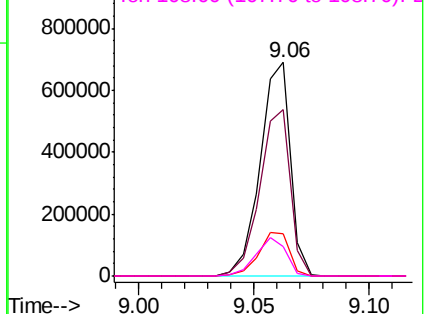
214 78.5 63.8 95.8

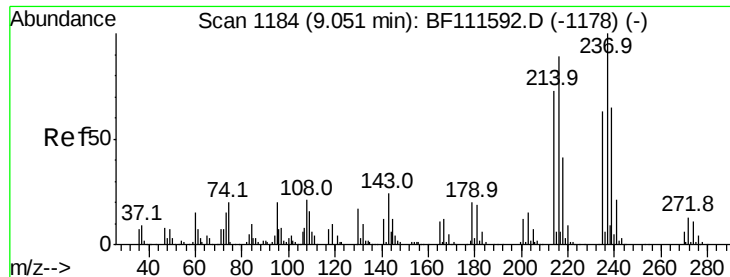
179 20.9 17.9 26.9

108 18.5 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.609 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

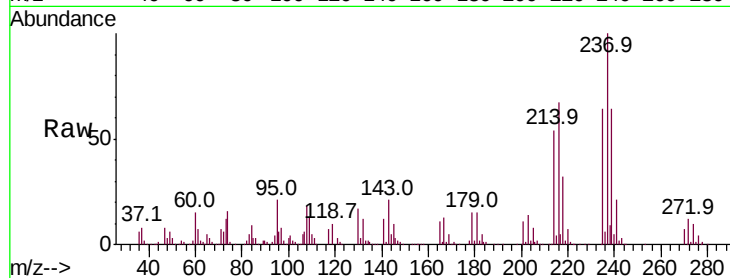
Tot Ion:237 Resp: 318727

Ion Ratio Lower Upper

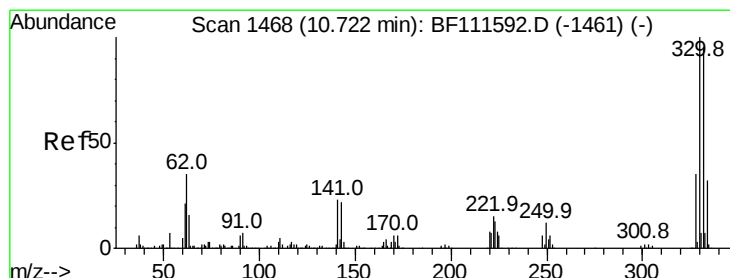
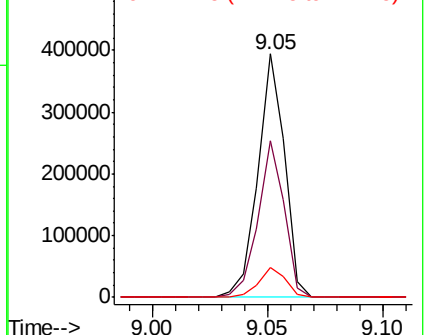
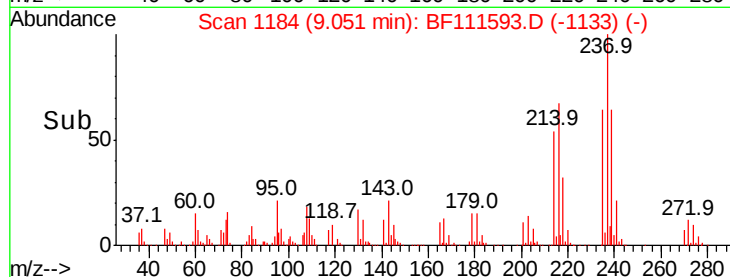
237 100

235 64.3 43.1 83.1

272 12.3 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.311 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

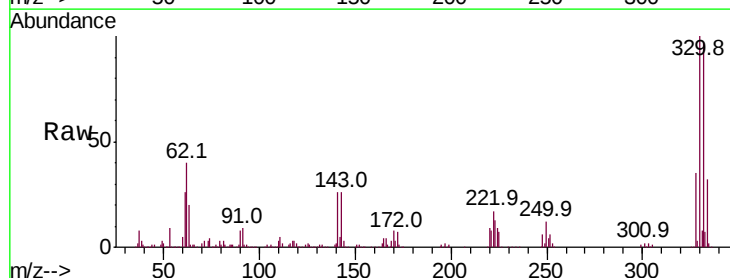
Tgt Ion:330 Resp: 455166

Ion Ratio Lower Upper

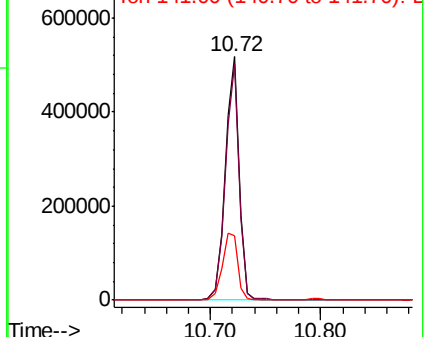
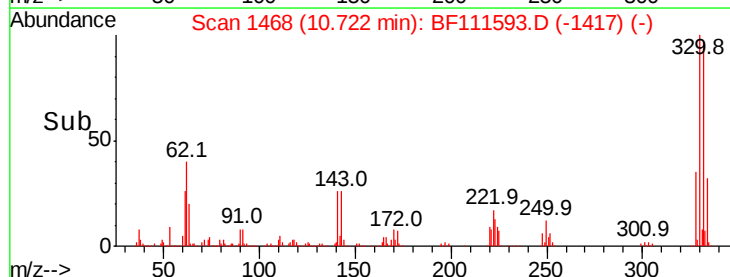
330 100

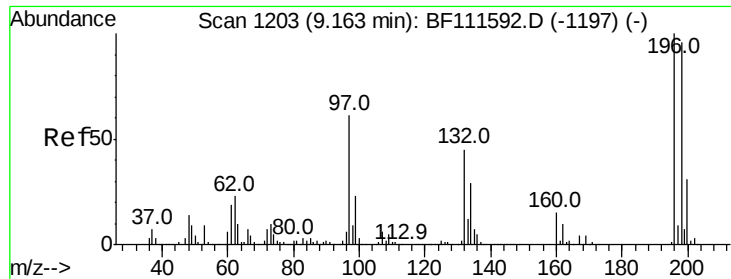
332 96.5 76.0 114.0

141 30.6 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

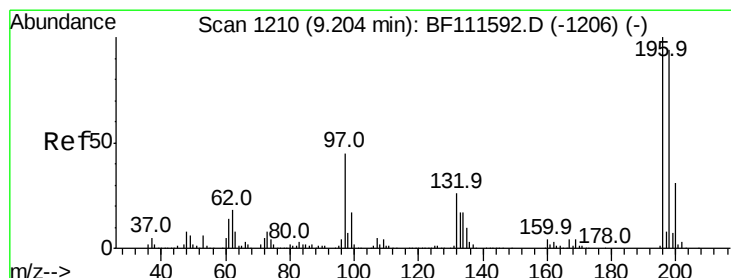
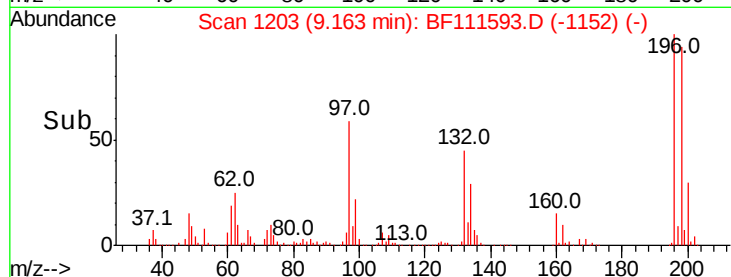
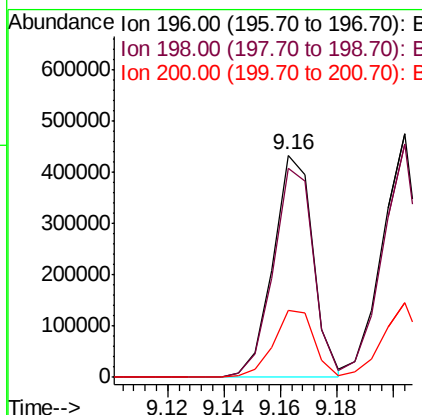
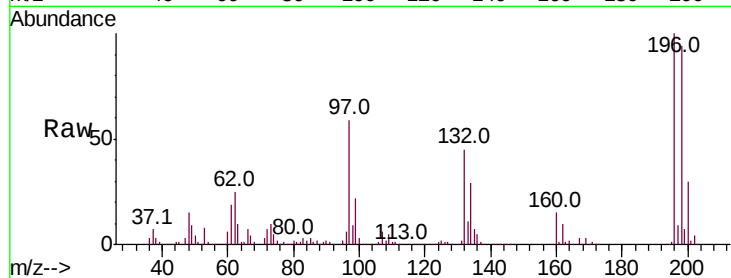




#43
 2,4,6-Trichlorophenol
 Concen: 55.817 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

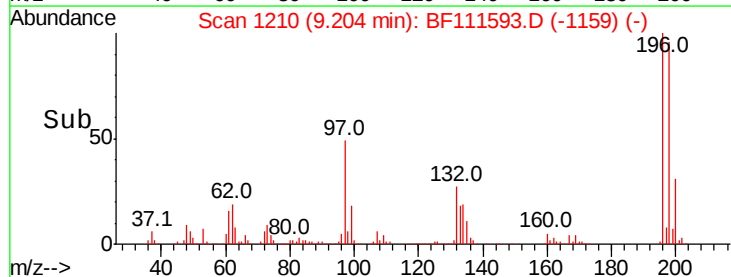
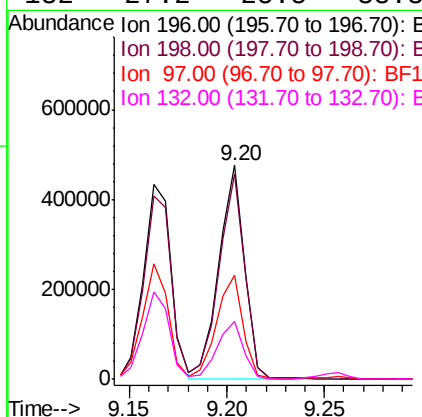
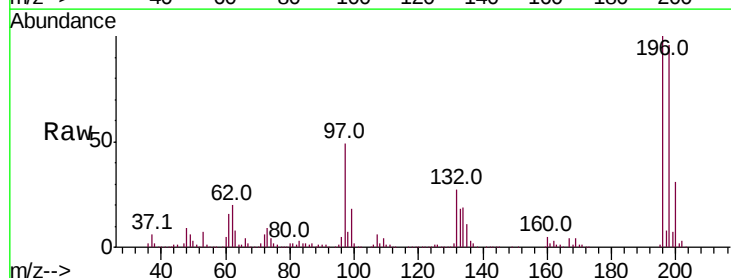
Instrument :
 BNA_F
 ClientSampleId :

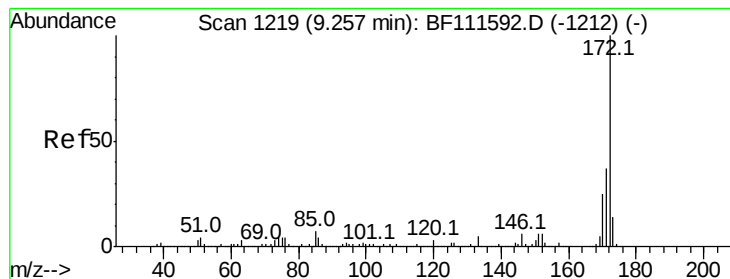
Tot Ion:196 Resp: 425706
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 30.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 53.204 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion:196 Resp: 431798
 Ion Ratio Lower Upper
 196 100
 198 95.7 72.9 109.3
 97 48.8 45.3 67.9
 132 27.2 25.5 38.3





#45

2-Fluorobiphenyl

Concen: 98.484 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

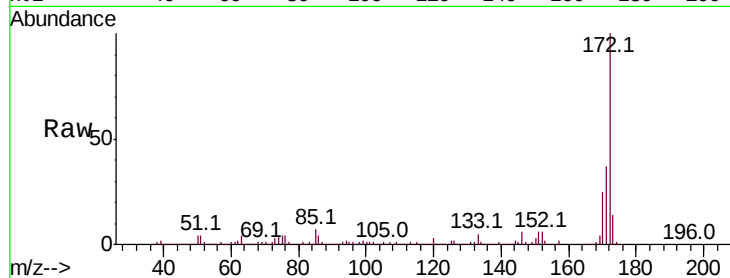
Tot Ion:172 Resp: 2505344

Ion Ratio Lower Upper

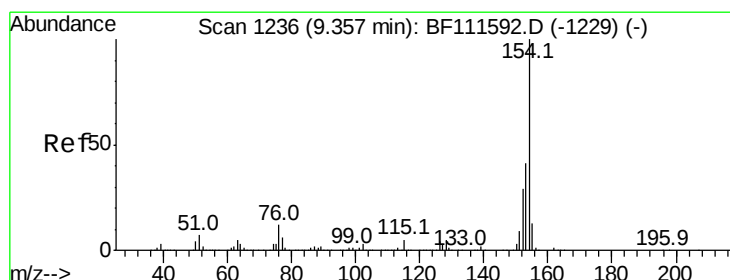
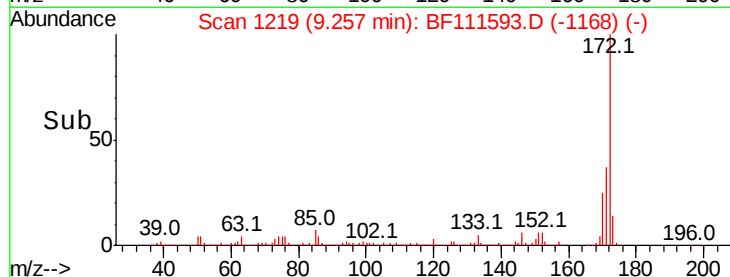
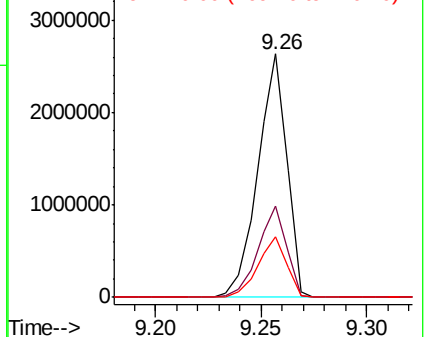
172 100

171 37.3 33.0 49.4

170 25.0 22.3 33.5



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



#46

1,1'-Biphenyl

Concen: 47.836 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

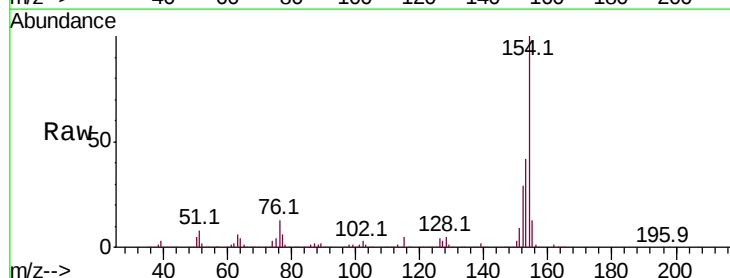
Tgt Ion:154 Resp: 1592686

Ion Ratio Lower Upper

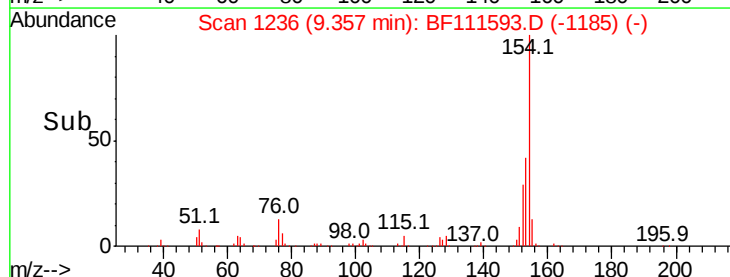
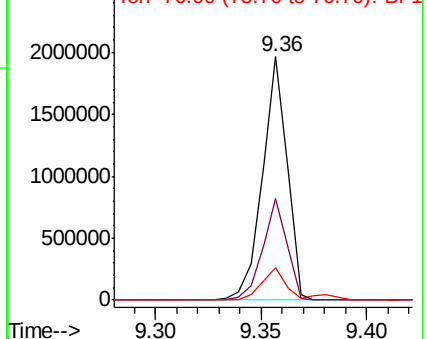
154 100

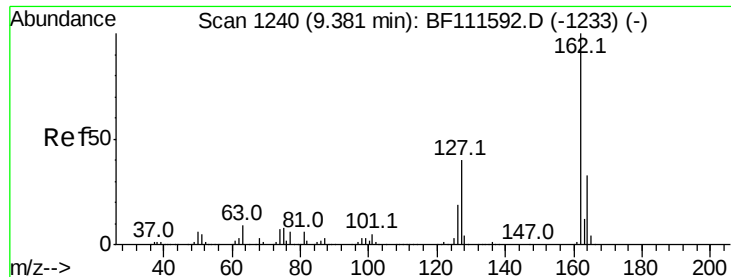
153 41.9 23.7 63.7

76 13.2 0.0 35.0



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

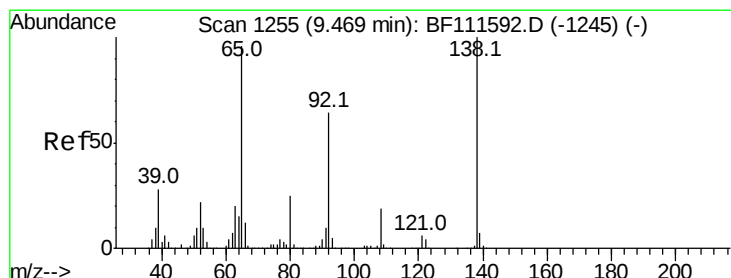
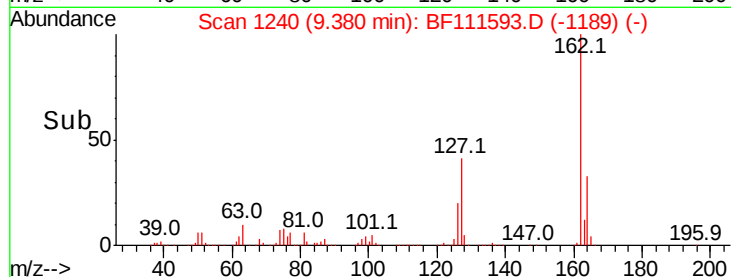
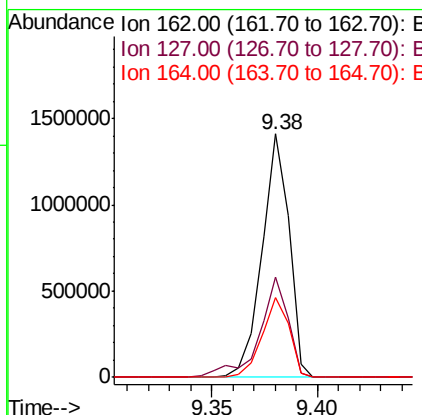
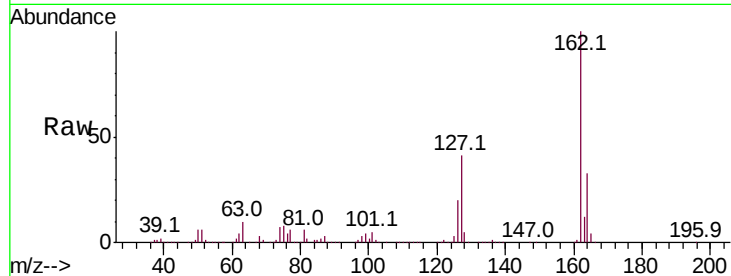




#47
 2-Chloronaphthalene
 Concen: 49.695 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

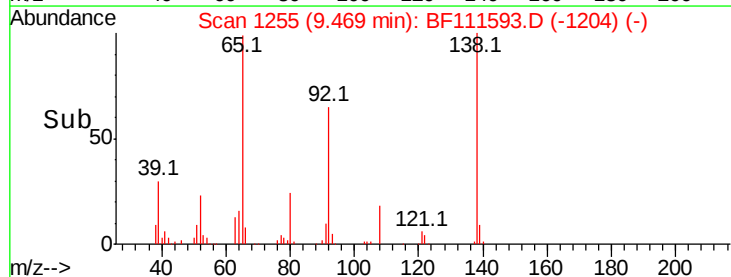
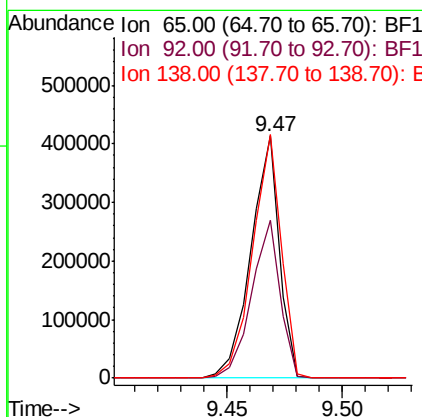
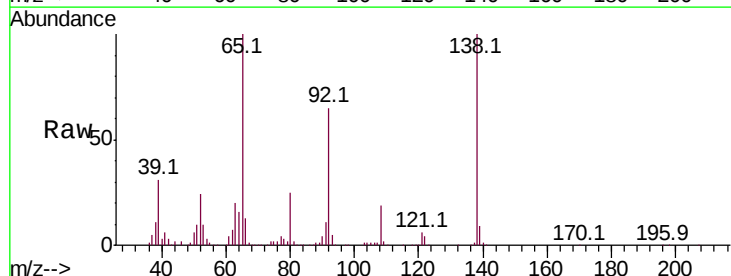
Instrument :
 BNA_F
 ClientSampleId :

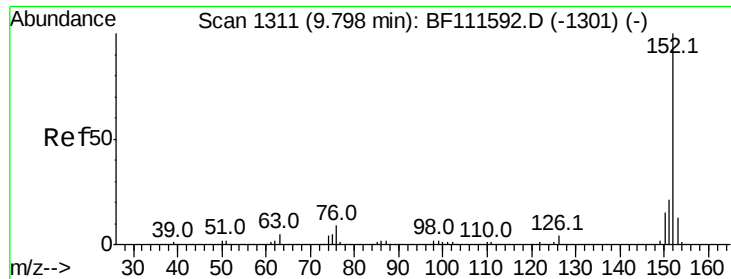
Tot Ion:	162	Resp:	1257668
Ion	Ratio	Lower	Upper
162	100		
127	41.1	35.0	52.4
164	32.9	28.4	42.6



#48
 2-Nitroaniline
 Concen: 43.397 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion:	65	Resp:	356600
Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.5	80.3
138	100.5	80.9	121.3





#49

Acenaphthylene

Concen: 49.155 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

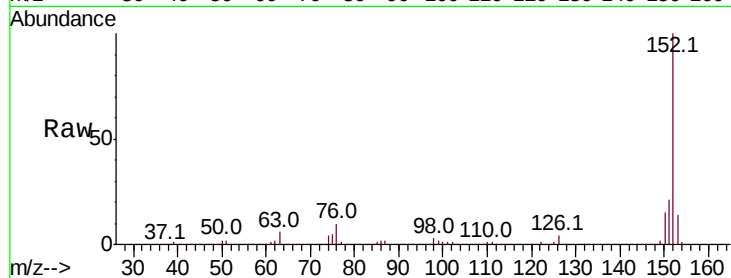
Tot Ion:152 Resp: 1846530

Ion Ratio Lower Upper

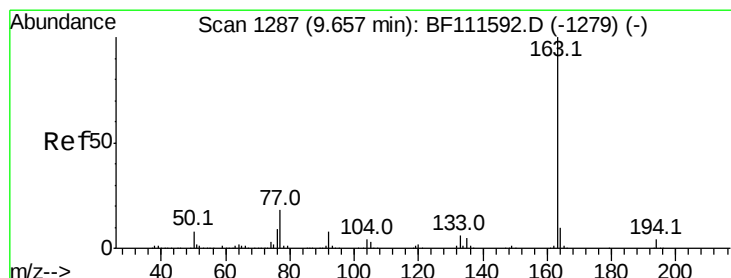
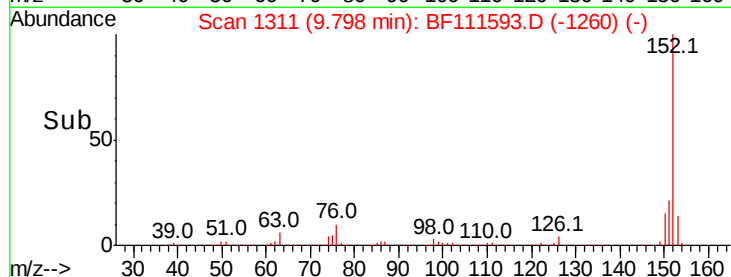
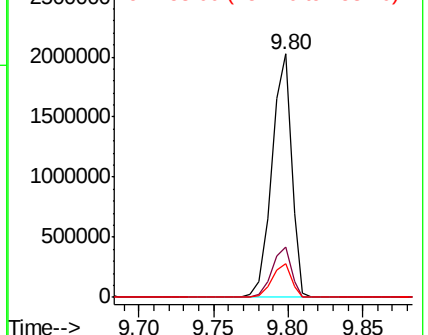
152 100

151 20.6 18.0 27.0

153 13.7 12.3 18.5



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



#50

Dimethylphthalate

Concen: 48.874 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

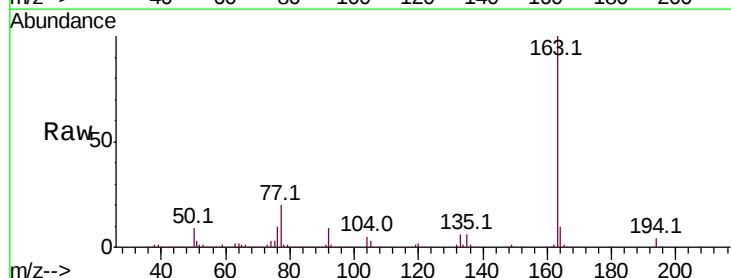
Tgt Ion:163 Resp: 1383085

Ion Ratio Lower Upper

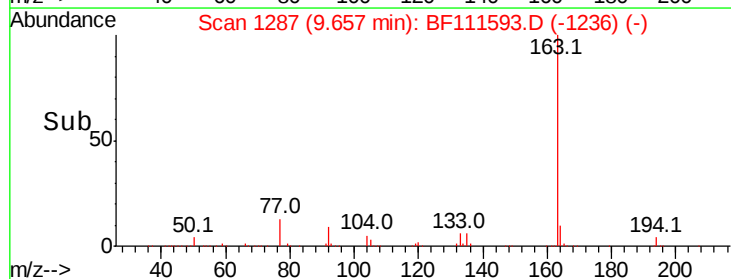
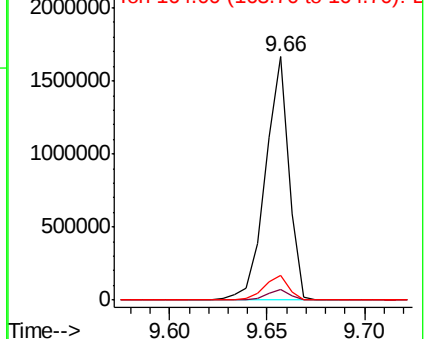
163 100

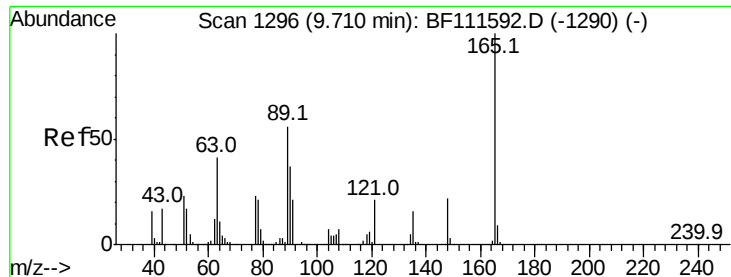
194 4.3 3.0 4.6

164 10.2 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: 46.540 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampled :

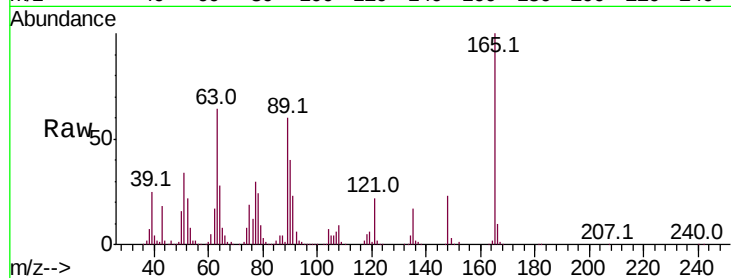
Tot Ion:165 Resp: 296449

Ion Ratio Lower Upper

165 100

63 64.4 40.5 60.7#

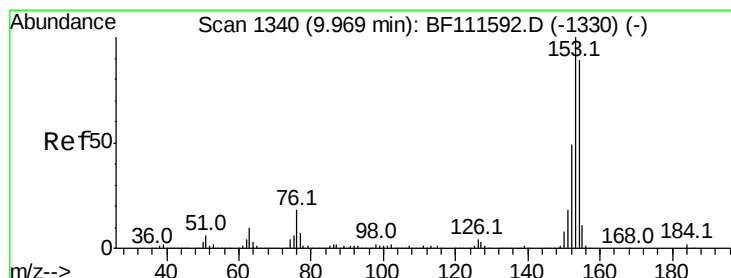
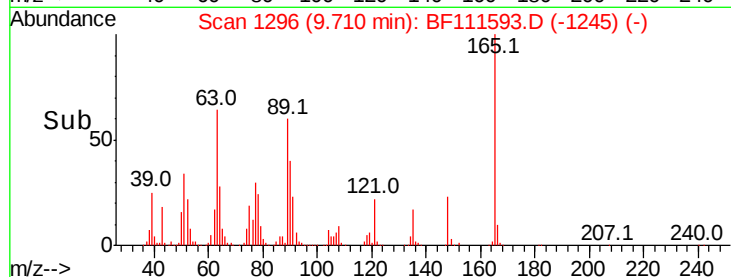
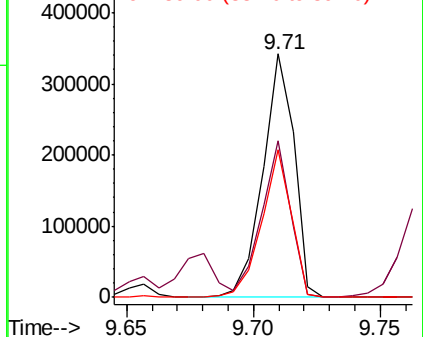
89 60.4 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.254 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

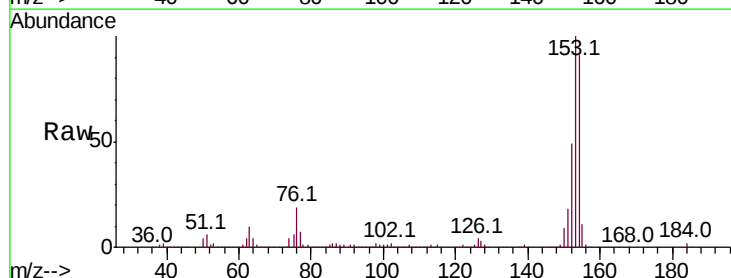
Tgt Ion:154 Resp: 1145702

Ion Ratio Lower Upper

154 100

153 110.5 87.8 131.8

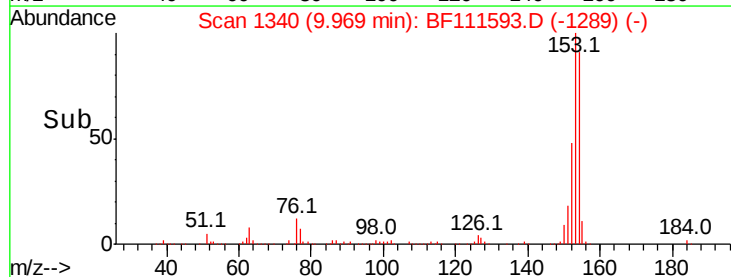
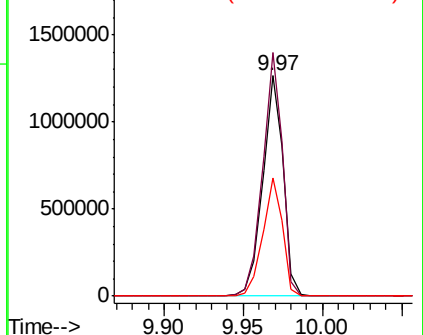
152 53.8 43.4 65.2

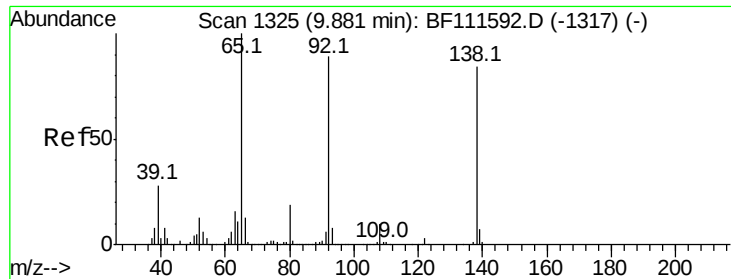


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

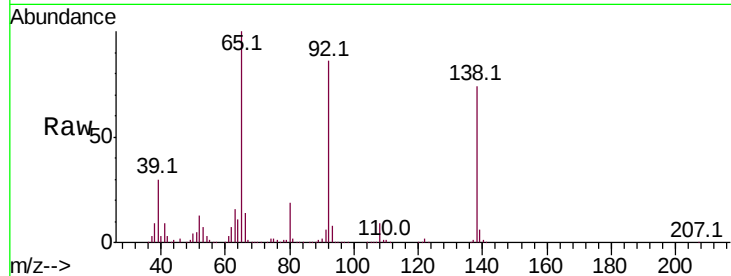




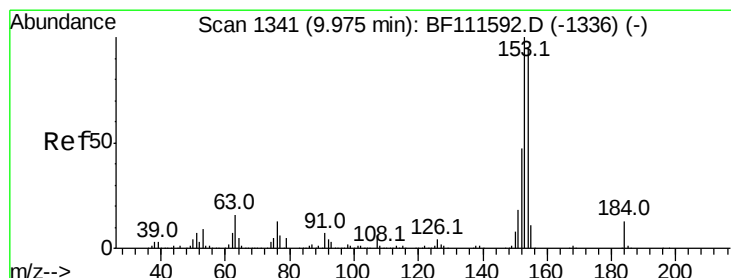
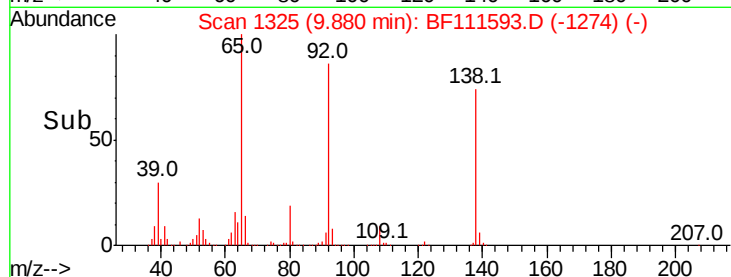
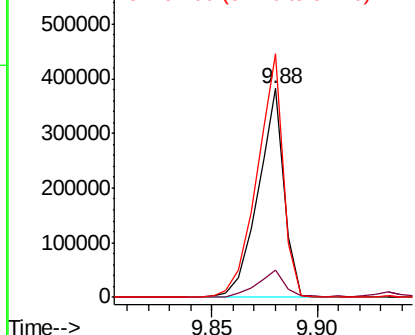
#53
3-Nitroaniline
Concen: 41.951 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 324573
Ion Ratio Lower Upper
138 100
108 12.8 8.2 12.4#
92 116.6 93.4 140.2

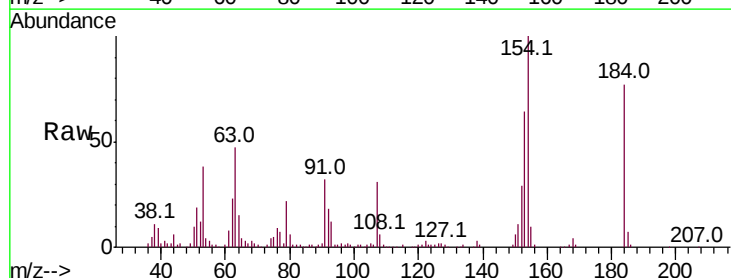


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

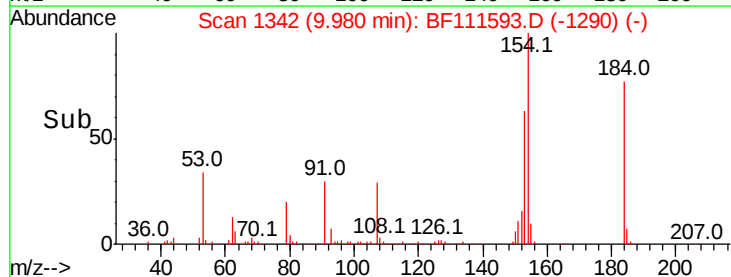
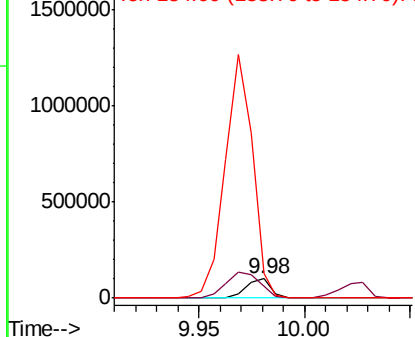


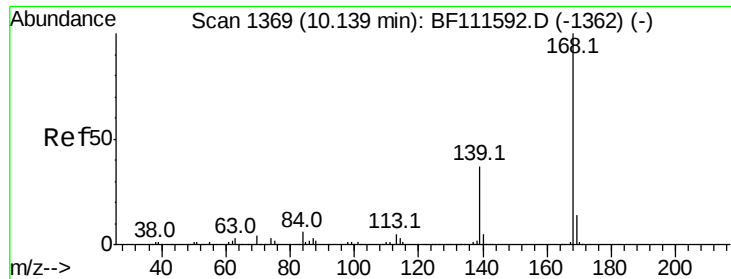
#54
2,4-Dinitrophenol
Concen: 34.280 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:184 Resp: 83073
Ion Ratio Lower Upper
184 100
63 61.2 62.3 93.5#
154 129.3 56.2 84.2#



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

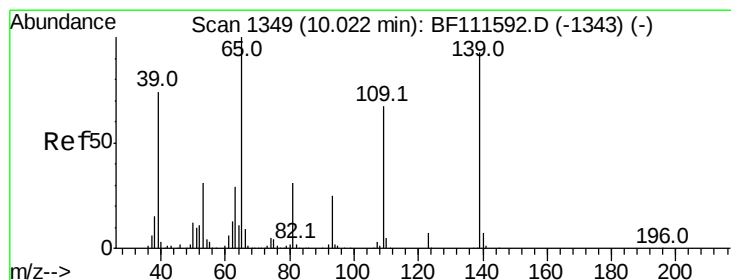
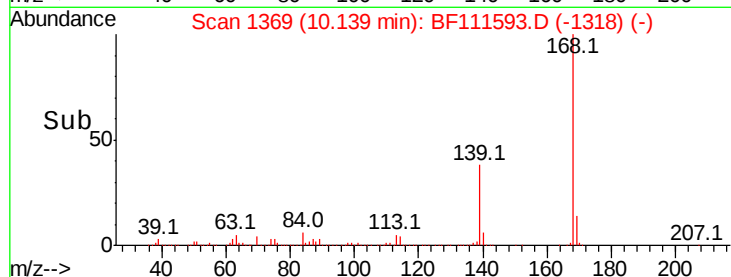
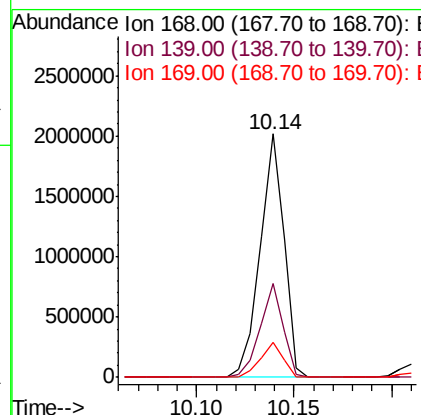
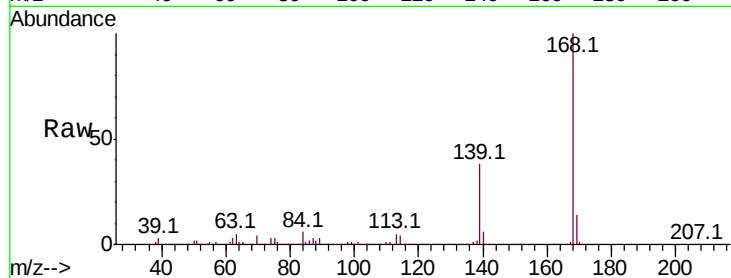




#55
 Dibenzofuran
 Concen: 49.629 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

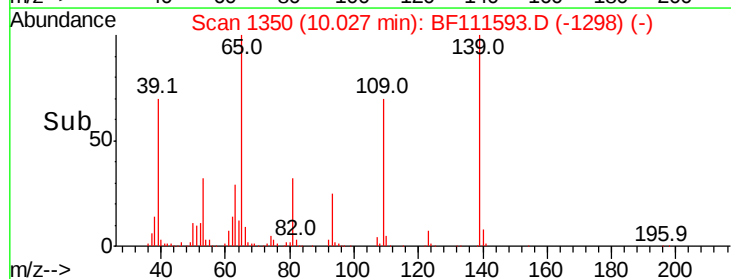
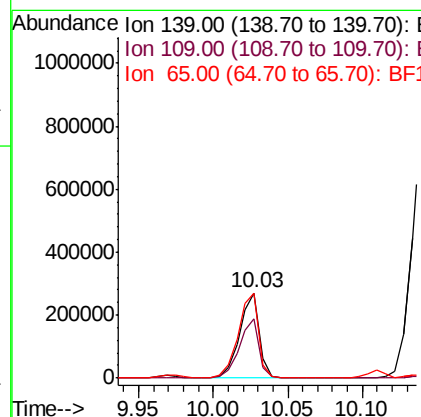
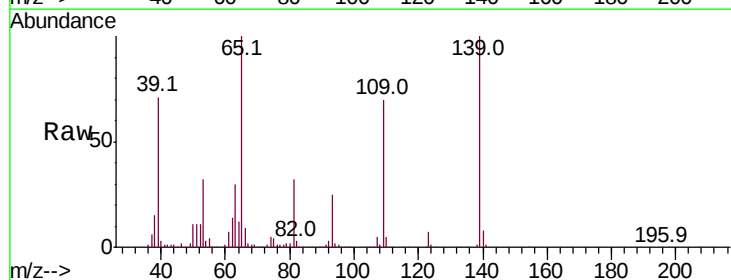
Instrument :
 BNA_F
 ClientSampled :

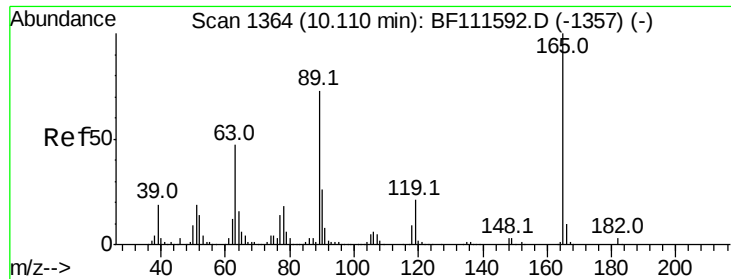
Tot Ion:168 Resp: 1710430
 Ion Ratio Lower Upper
 168 100
 139 38.3 32.6 49.0
 169 14.2 11.8 17.6



#56
 4-Nitrophenol
 Concen: 46.595 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion:139 Resp: 249488
 Ion Ratio Lower Upper
 139 100
 109 70.1 41.8 81.8
 65 100.4 79.6 119.6

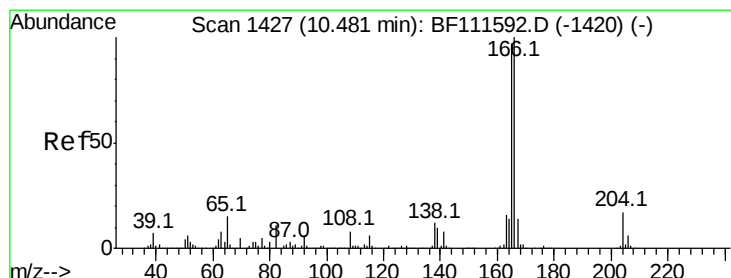
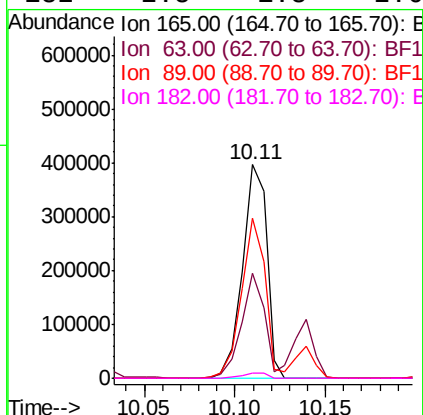
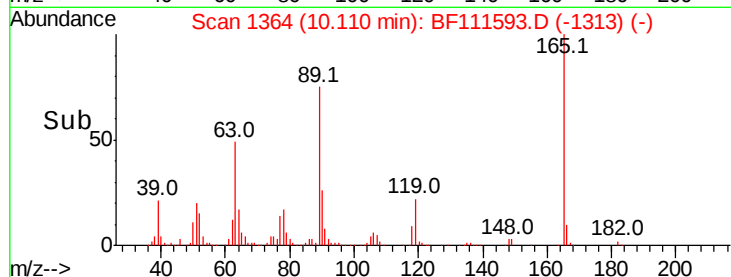
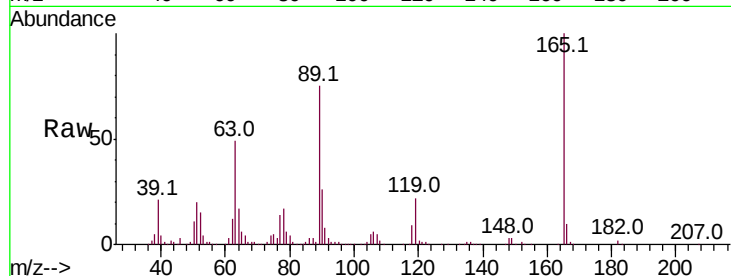




#57
2,4-Dinitrotoluene
Concen: 43.921 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

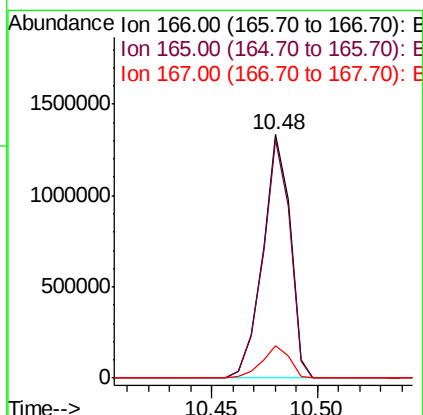
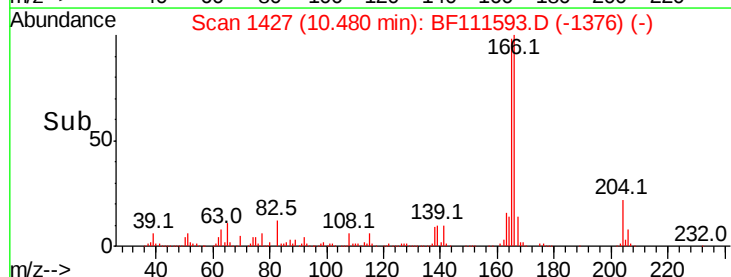
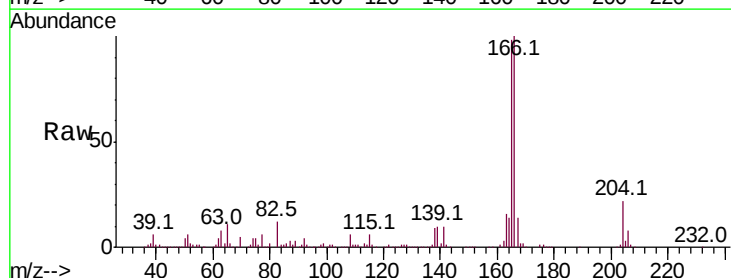
Instrument :
BNA_F
ClientSampleId :

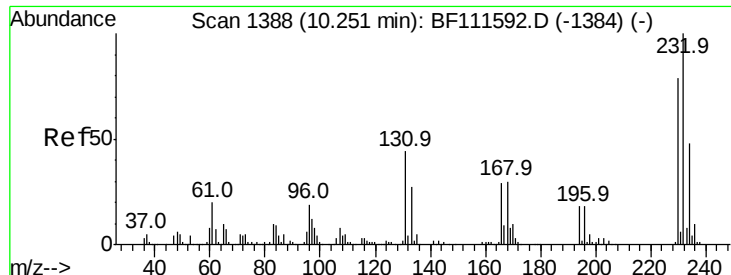
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	34.6	52.0
89	74.9	56.2	84.4
182	2.5	1.8	2.6



#58
Fluorene
Concen: 48.144 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.6	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.538 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 364855

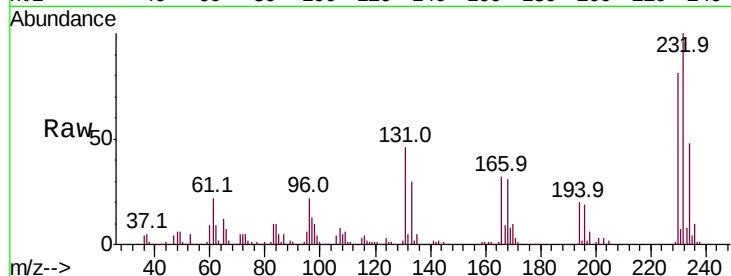
Ion Ratio Lower Upper

232 100

131 42.5 40.9 61.3

130 2.2 2.0 3.0

166 29.8 26.8 40.2

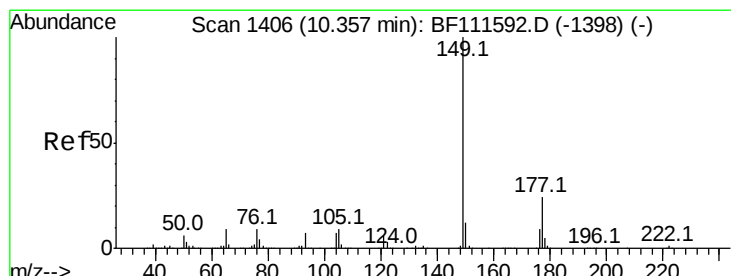
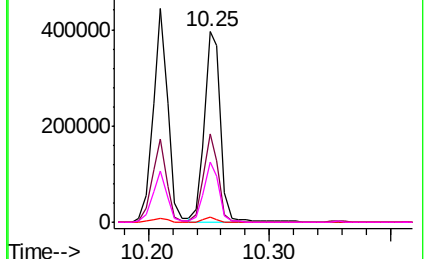
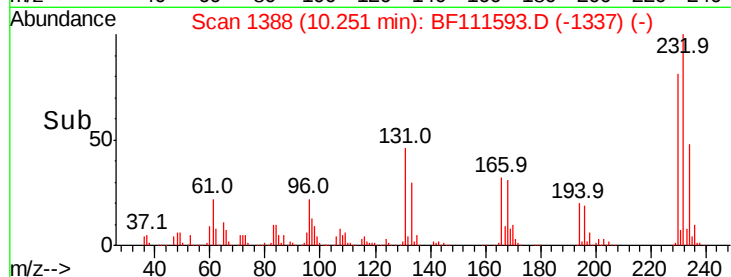


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.229 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

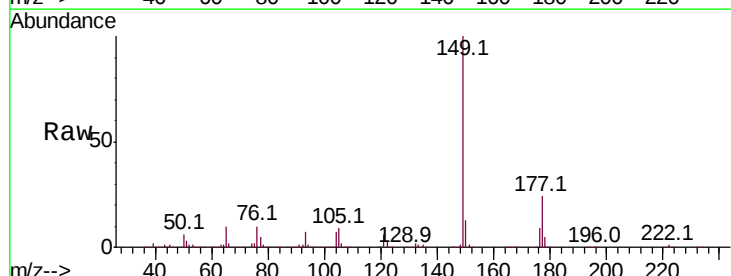
Tgt Ion:149 Resp: 1353840

Ion Ratio Lower Upper

149 100

177 24.0 18.3 27.5

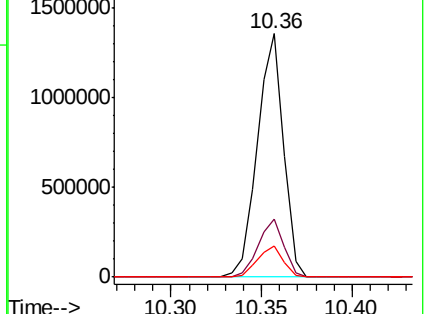
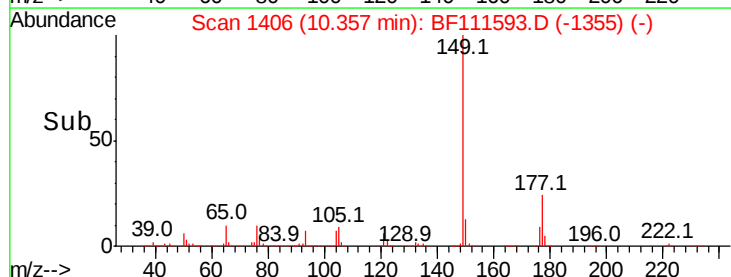
150 12.7 10.6 15.8

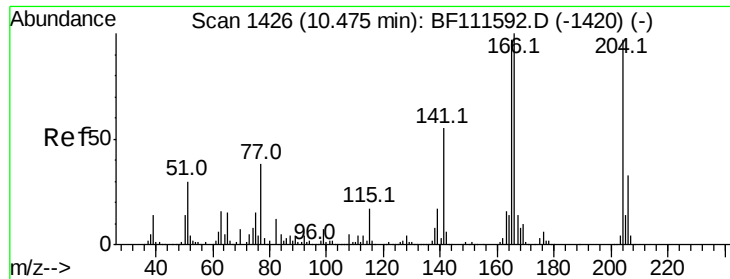


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

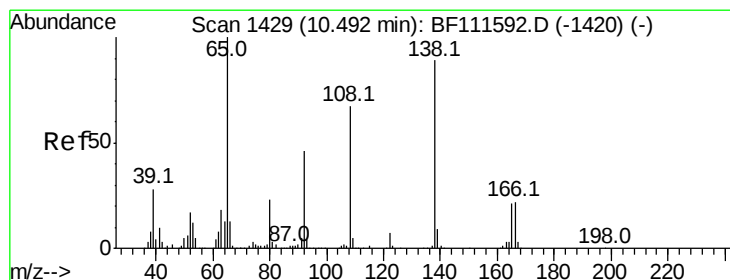
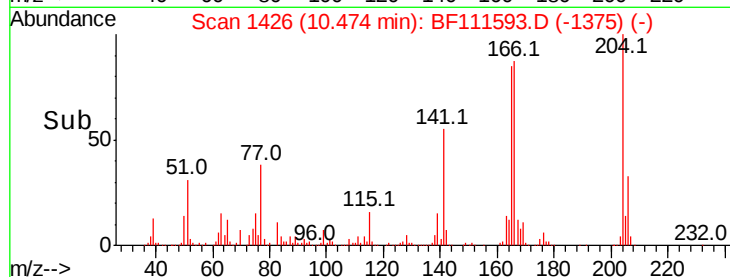
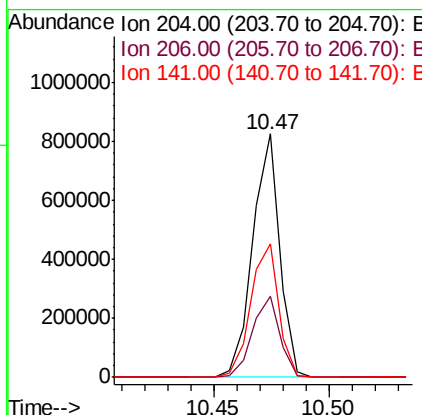
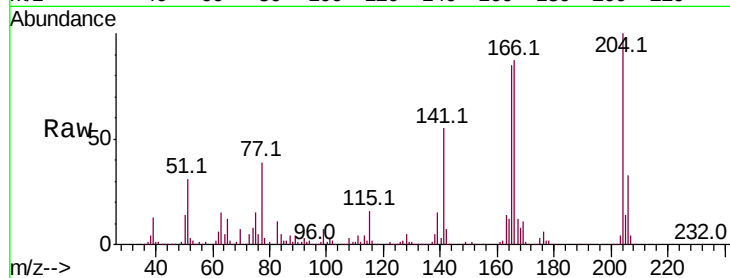




#61
 4-Chlorophenyl-phenylether
 Concen: 55.123 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

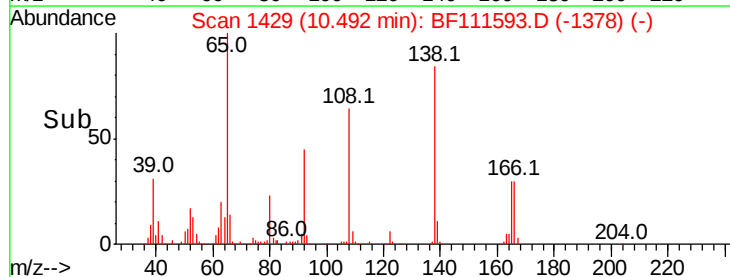
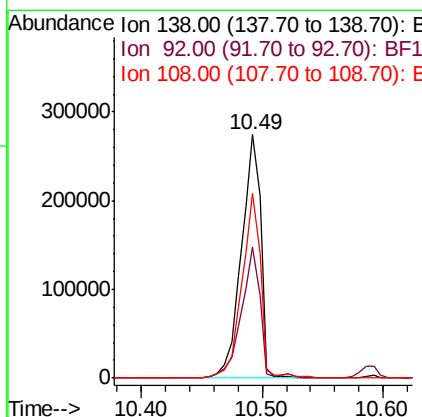
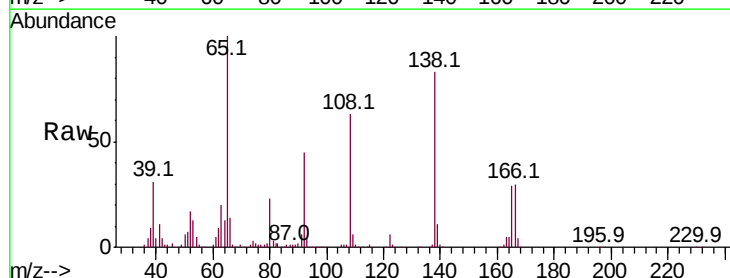
Instrument :
 BNA_F
 ClientSampleId :

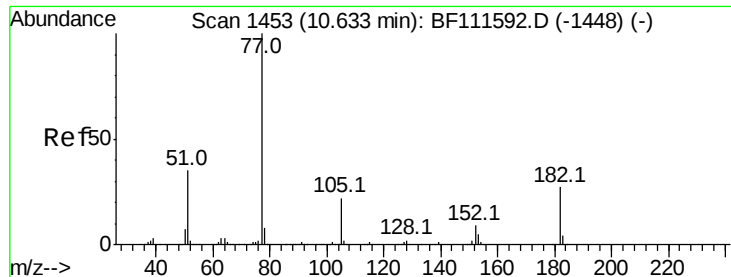
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	55.0	52.6	78.8



#62
 4-Nitroaniline
 Concen: 40.069 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	29.9	69.9
108	75.9	43.2	83.2

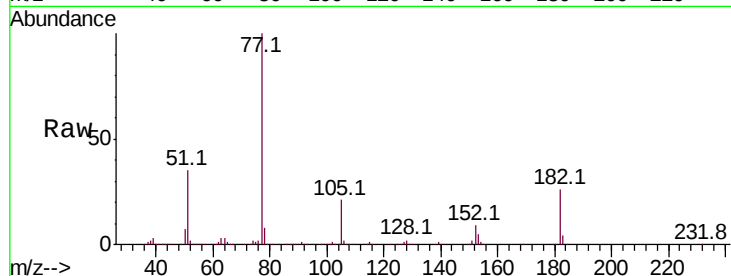




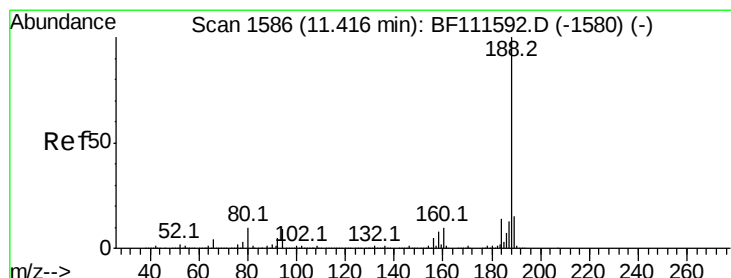
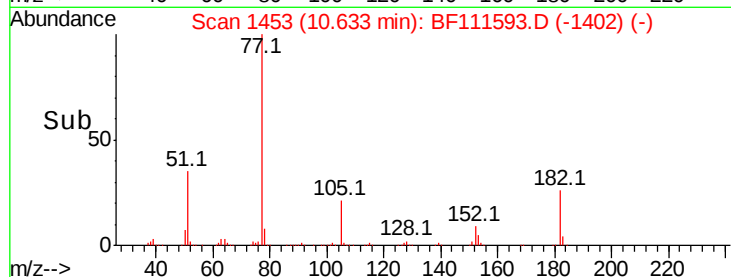
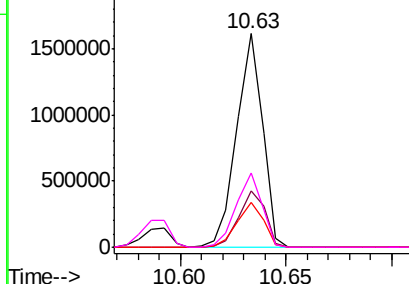
#63
Azobenzene
Concen: 48.187 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1361756
Ion Ratio Lower Upper
77 100
182 26.2 4.9 44.9
105 21.3 6.0 46.0
51 34.6 14.7 54.7

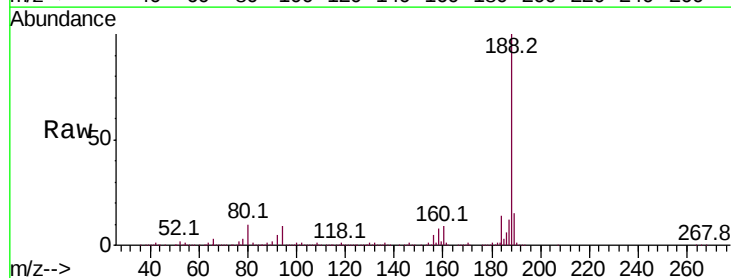


Abundance Ion 77.00 (76.70 to 77.70): BF1
2500000 Ion 182.00 (181.70 to 182.70): E
2000000 Ion 105.00 (104.70 to 105.70): E
1500000 Ion 51.00 (50.70 to 51.70): BF1
1000000
500000
0

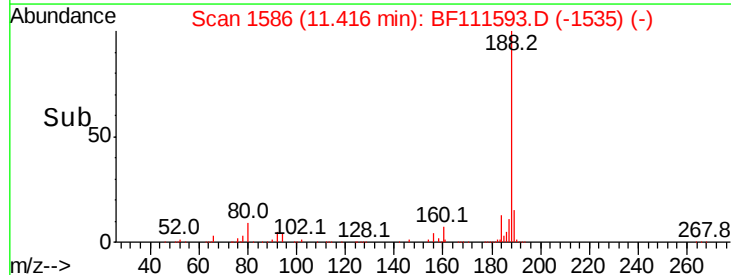
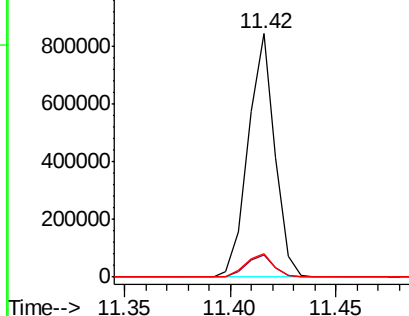


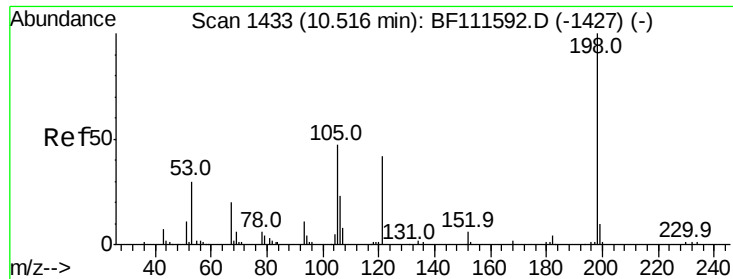
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion: 188 Resp: 737584
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 9.7 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E
1000000 Ion 94.00 (93.70 to 94.70): BF1
800000 Ion 80.00 (79.70 to 80.70): BF1
600000
400000
200000
0

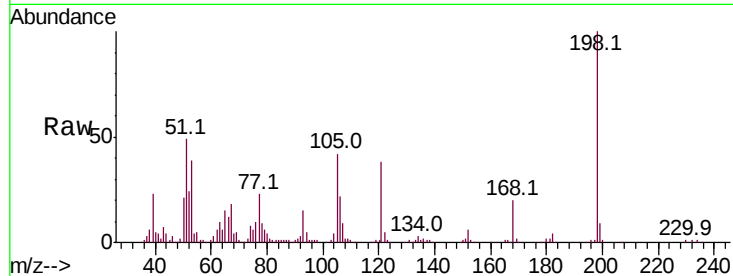




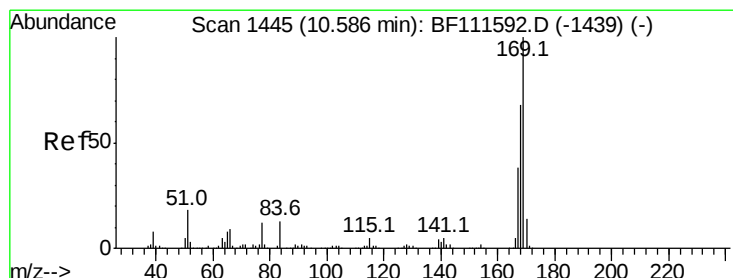
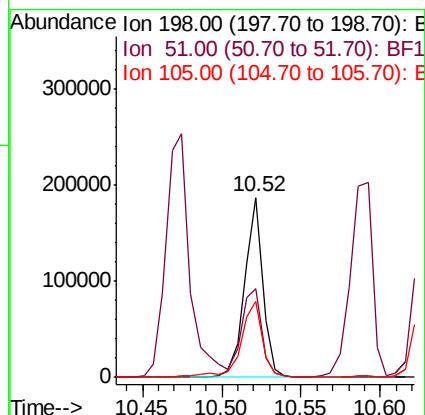
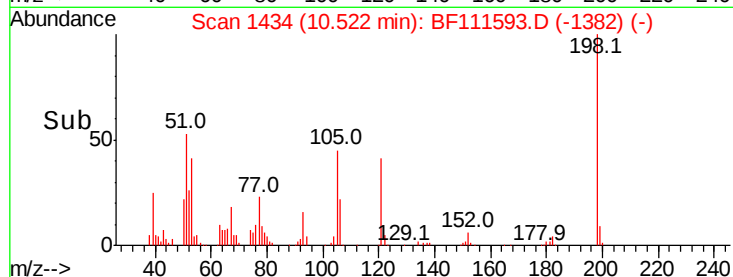
#65
4,6-Dinitro-2-methylphenol
Concen: 35.802 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 149081
Ion Ratio Lower Upper
198 100
51 49.3 48.0 88.0
105 42.4 34.0 74.0

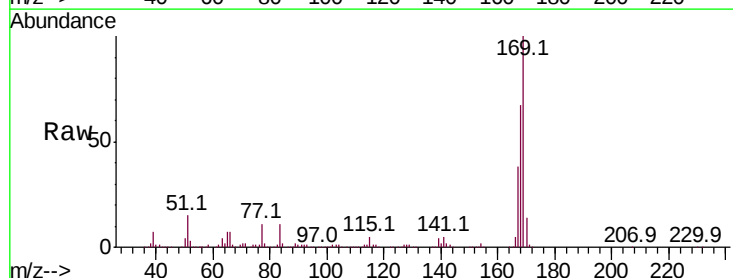


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

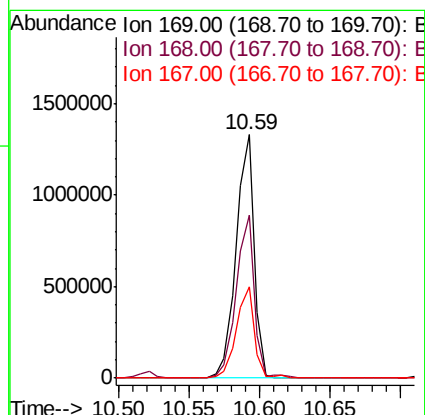
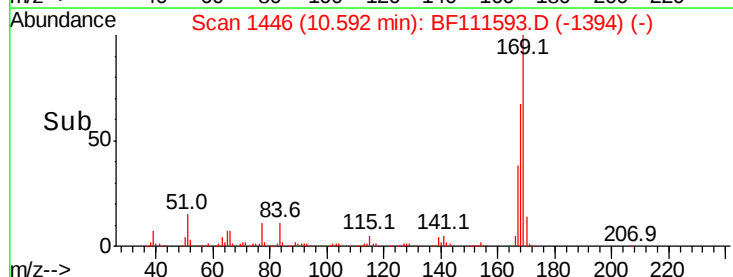


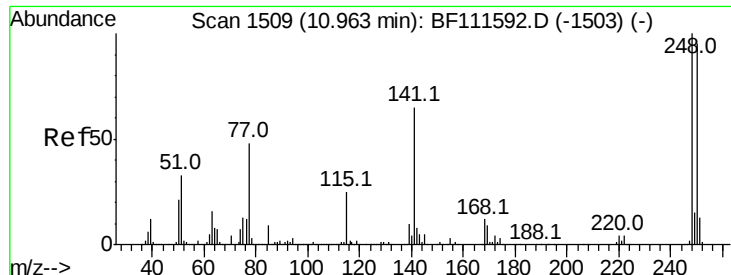
#66
n-Nitrosodiphenylamine
Concen: 46.468 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:169 Resp: 1181940
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 37.7 30.5 45.7



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

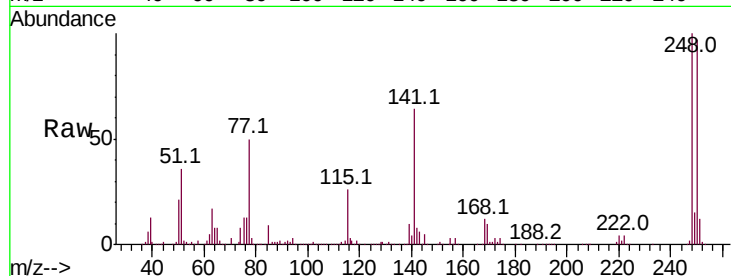




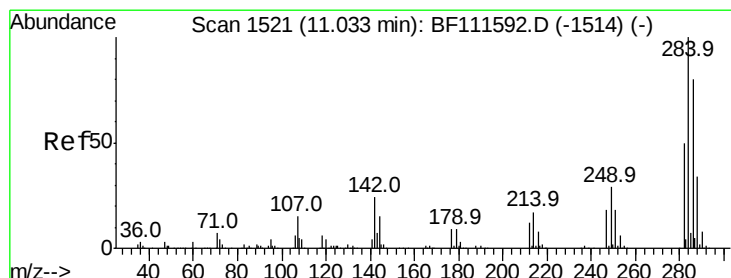
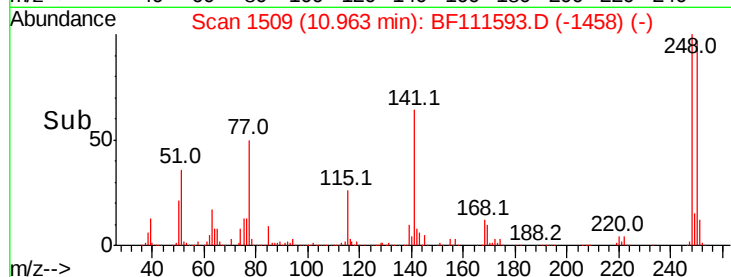
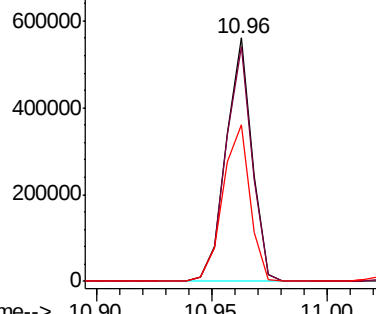
#67
 4-Bromophenyl-phenylether
 Concen: 55.589 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 441916
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.4
 141 64.3 63.0 94.6

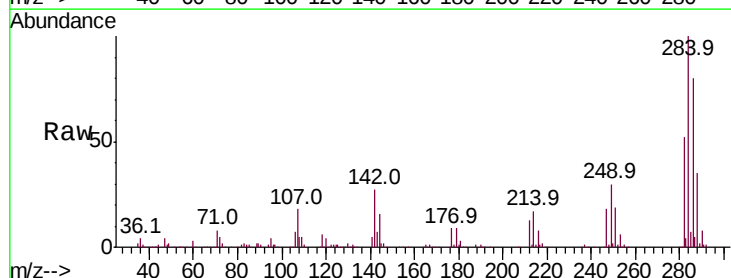


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

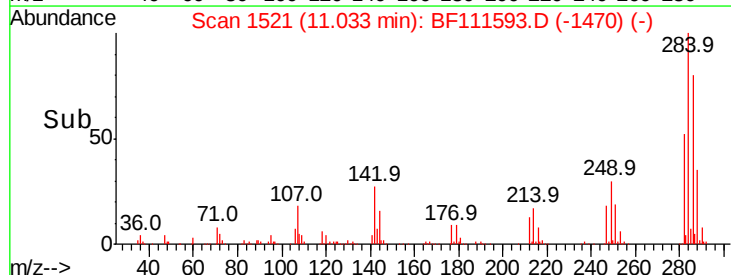
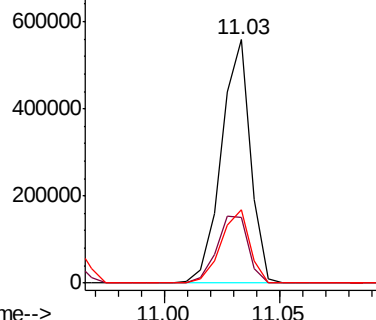


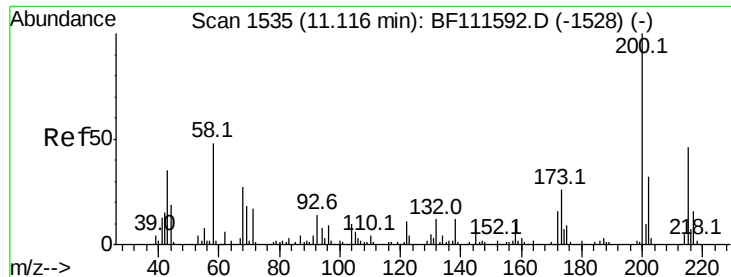
#68
 Hexachlorobenzene
 Concen: 60.023 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion:284 Resp: 490836
 Ion Ratio Lower Upper
 284 100
 142 26.9 27.4 41.2#
 249 30.0 24.4 36.6



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

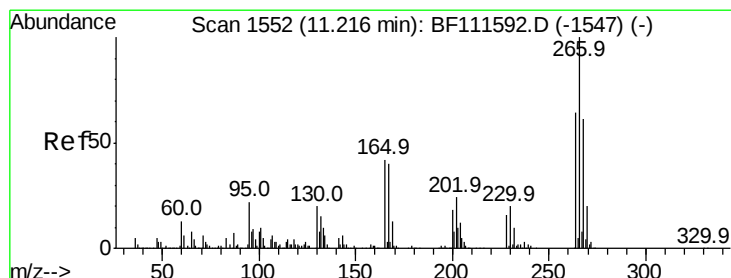
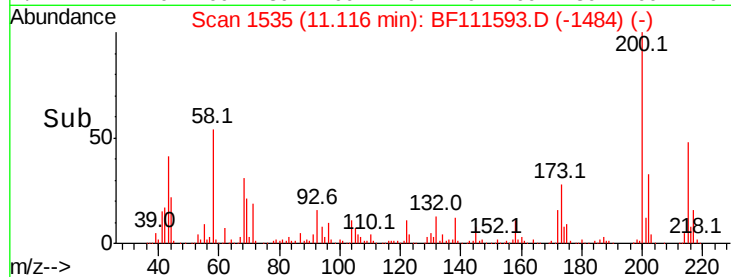
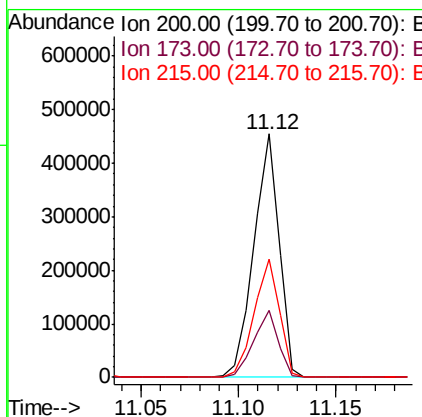
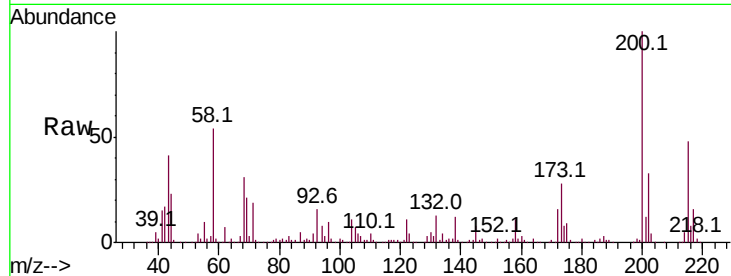




#69
Atrazine
Concen: 55.460 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

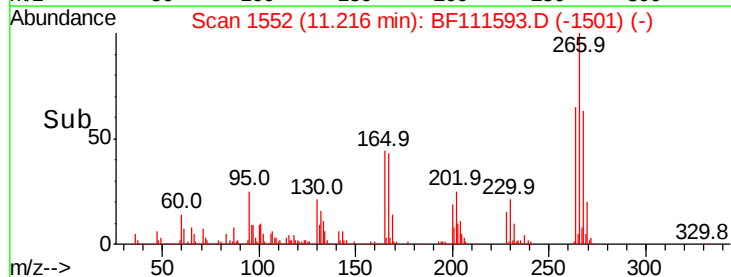
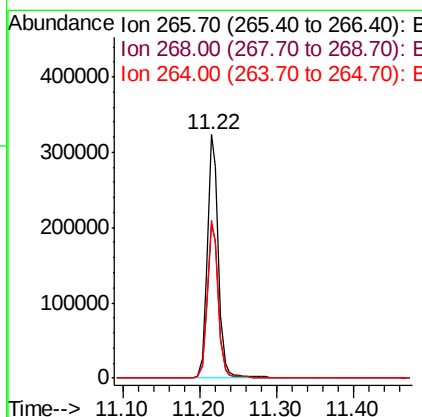
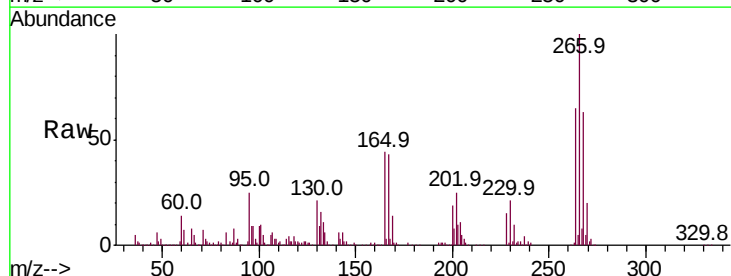
Instrument :
BNA_F
ClientSampleId :

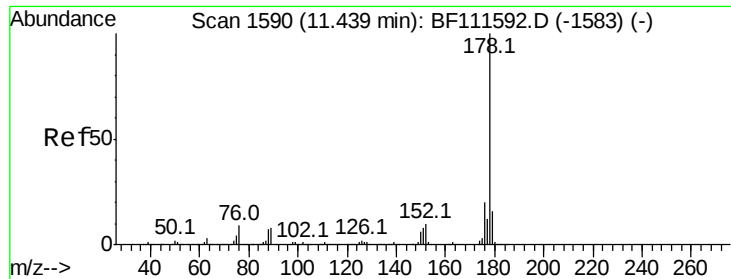
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	10.1	50.1
215	48.3	26.9	66.9



#70
Pentachlorophenol
Concen: 64.062 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	47.9	71.9
264	65.0	49.1	73.7





#71

Phenanthrene

Concen: 48.679 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

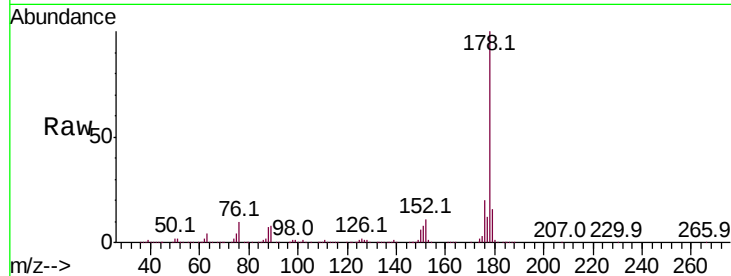
Tot Ion:178 Resp: 1850127

Ion Ratio Lower Upper

178 100

176 20.1 18.1 27.1

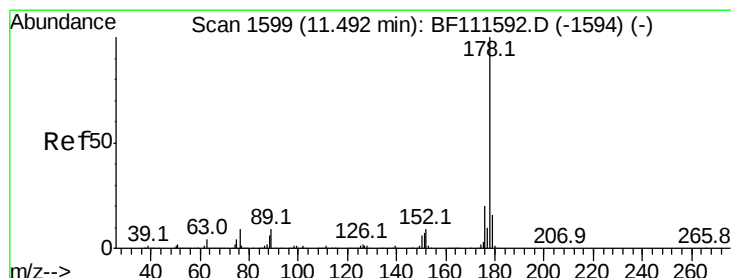
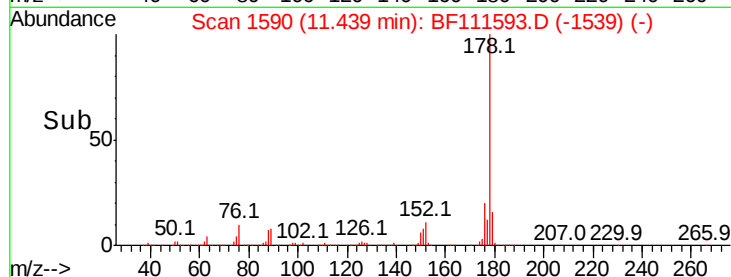
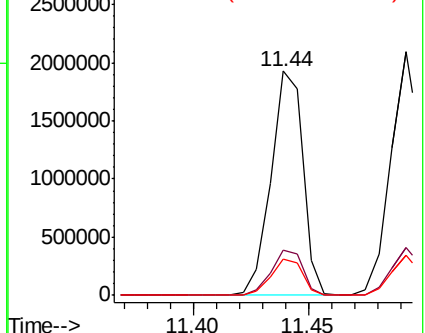
179 16.0 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.085 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

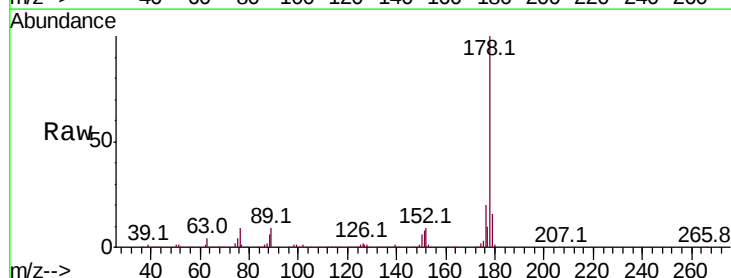
Tgt Ion:178 Resp: 1869003

Ion Ratio Lower Upper

178 100

176 19.9 17.2 25.8

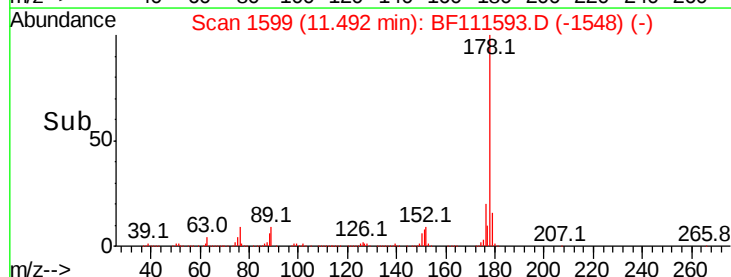
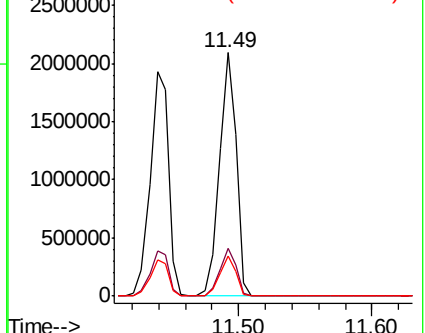
179 16.2 13.8 20.8

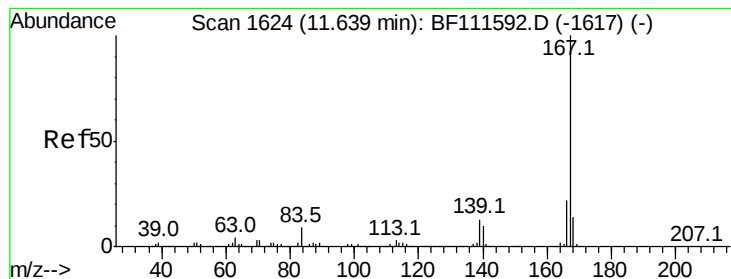


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.496 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

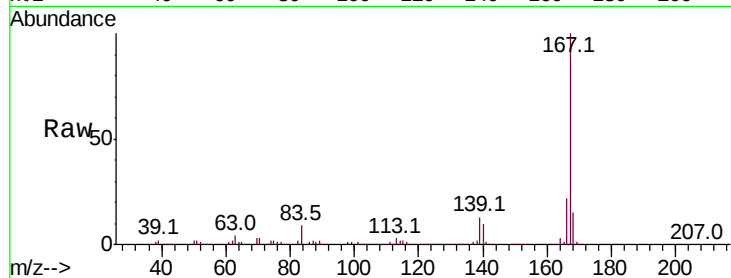
Tot Ion:167 Resp: 1788462

Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.3	28.9
139	13.3	11.9	17.9

167 100

166 22.3 19.3 28.9

139 13.3 11.9 17.9

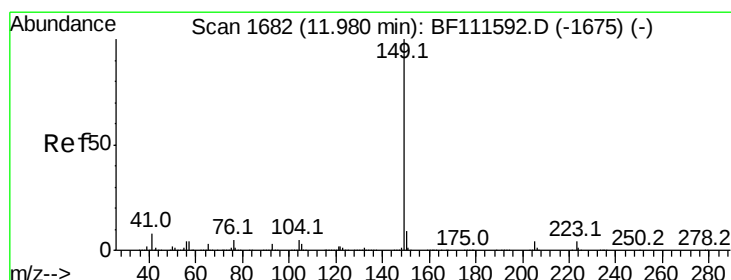
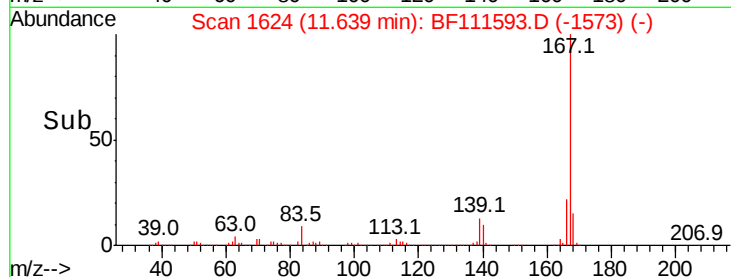
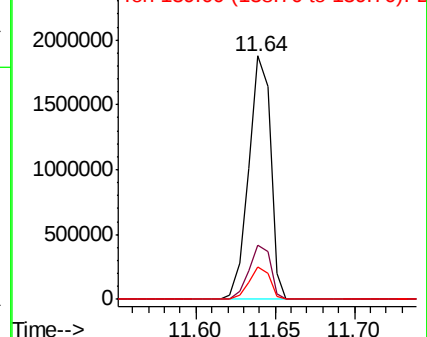


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.074 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

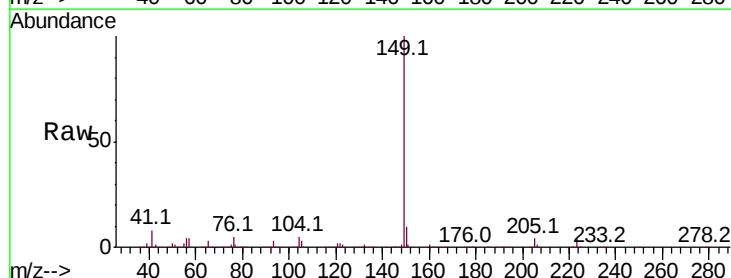
Tgt Ion:149 Resp: 2017649

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	4.8	4.5	6.7

149 100

150 9.5 8.8 13.2

104 4.8 4.5 6.7

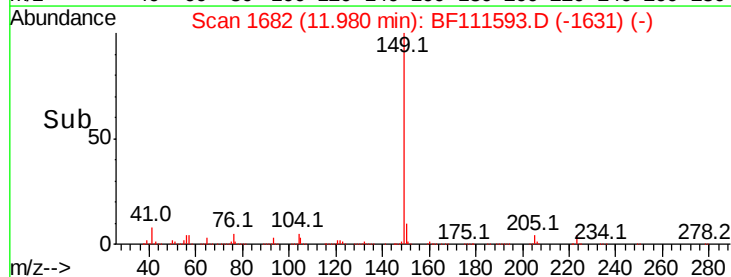
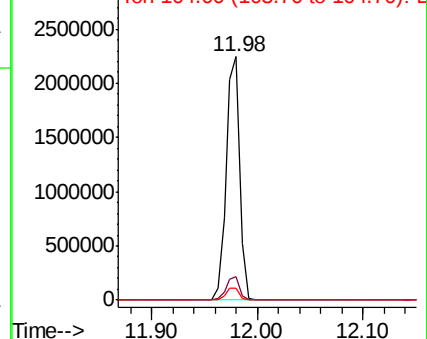


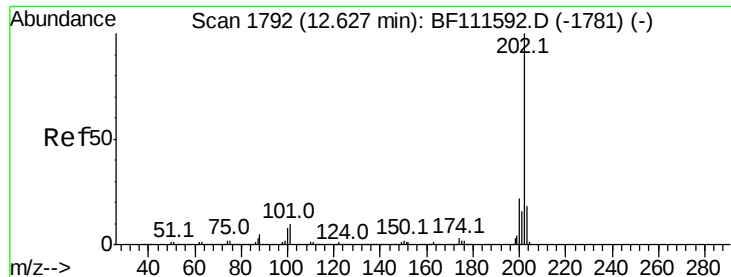
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.998 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

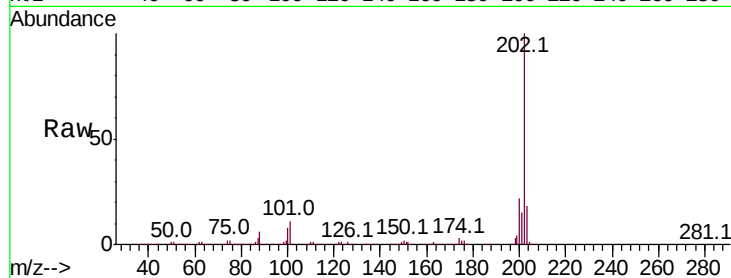
Tot Ion:202 Resp: 1859011

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.8

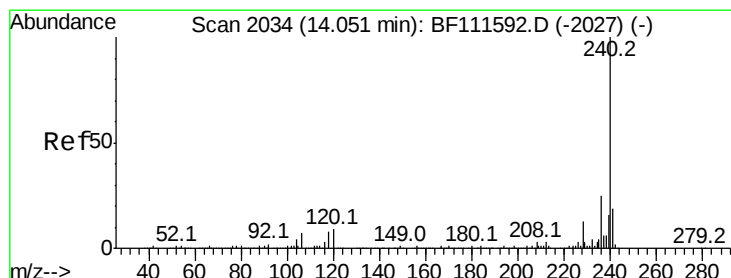
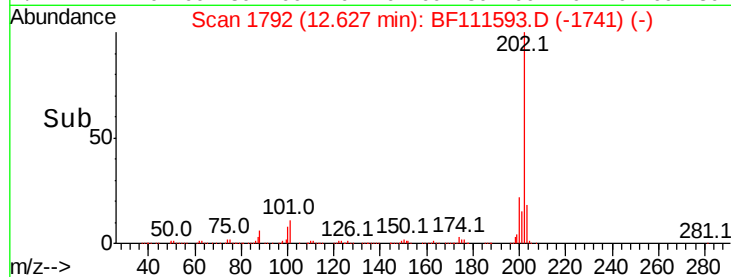
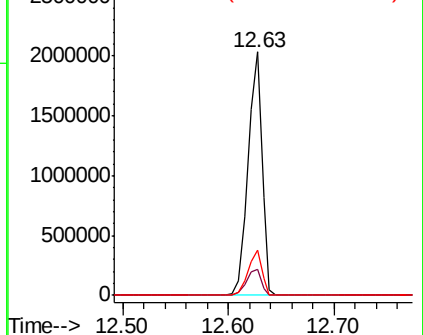
203 18.3 0.0 38.6



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

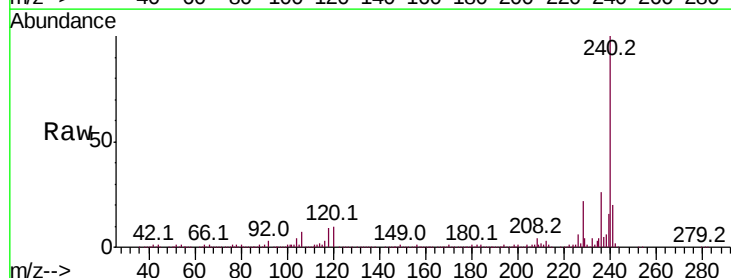
Tgt Ion:240 Resp: 517298

Ion Ratio Lower Upper

240 100

120 10.2 12.2 18.2#

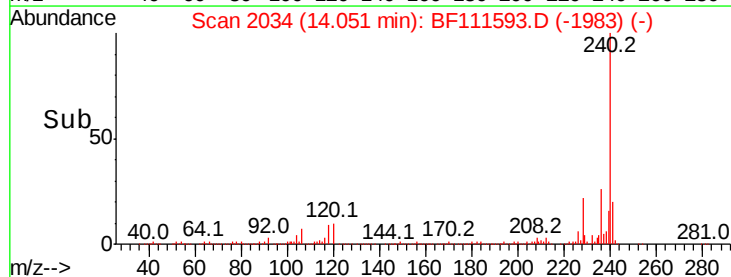
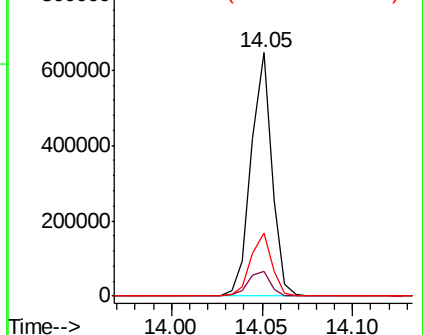
236 26.2 20.2 30.2

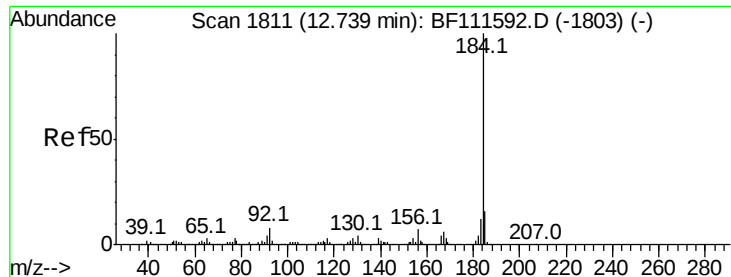


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.940 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

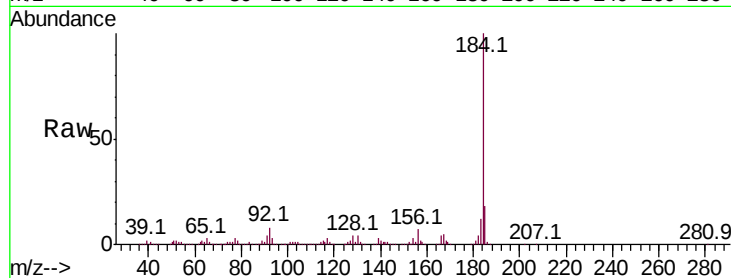
Tot Ion:184 Resp: 949658

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.0	19.6
183	11.8	9.3	13.9

184 100

185 17.5 13.0 19.6

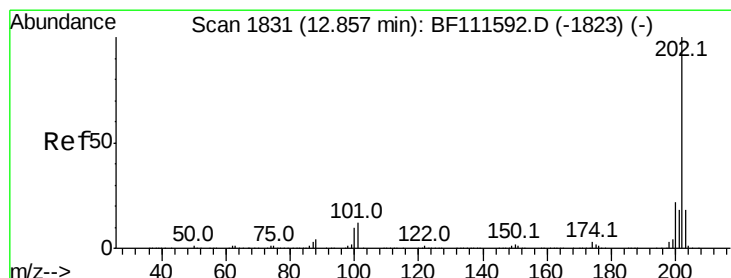
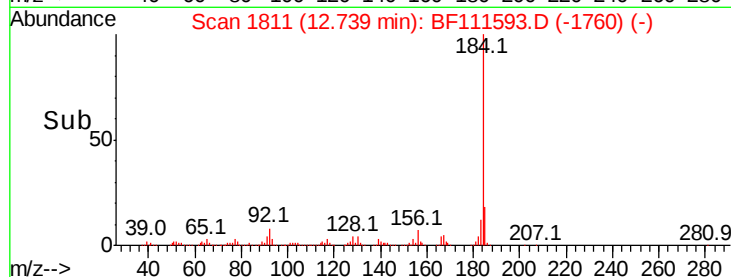
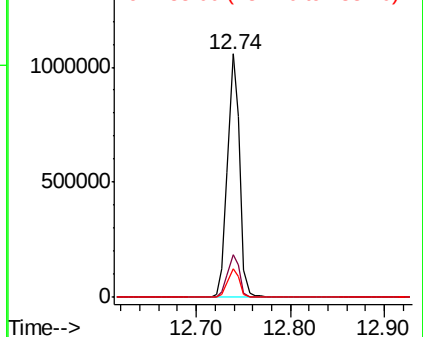
183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.710 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

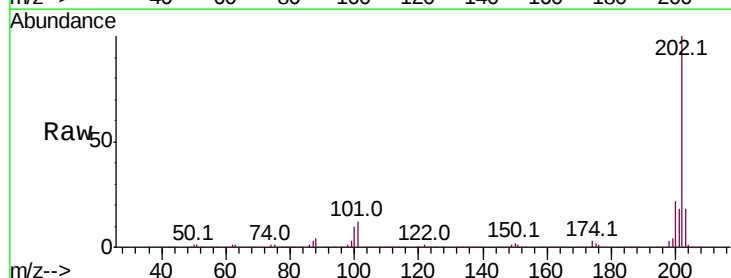
Tgt Ion:202 Resp: 1885940

Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.0	28.4
203	18.2	15.2	22.8

202 100

200 22.3 19.0 28.4

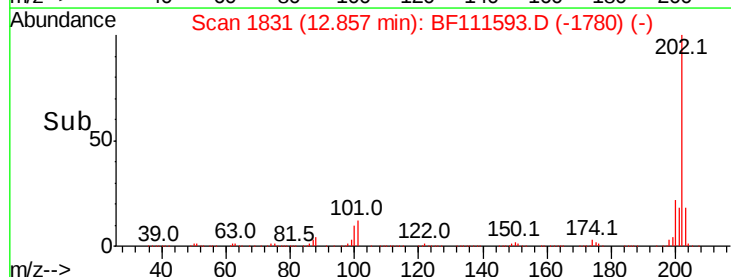
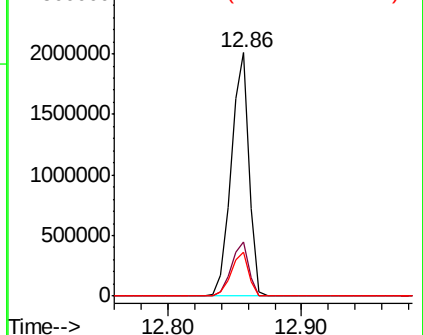
203 18.2 15.2 22.8

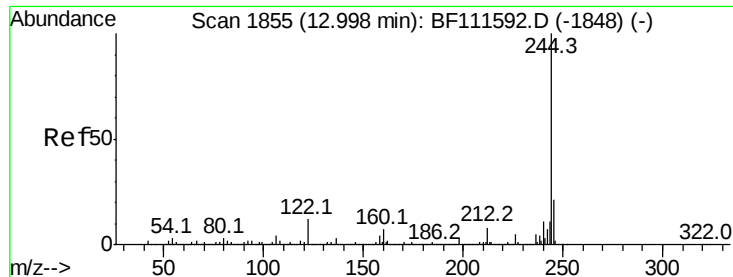


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 122.542 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

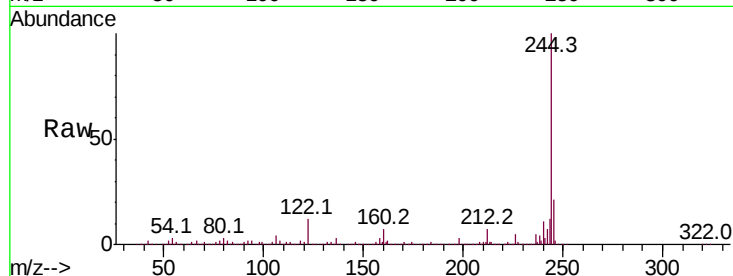
Tot Ion:244 Resp: 2699498

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.0	13.1	19.7

244 100

212 7.5 5.7 8.5

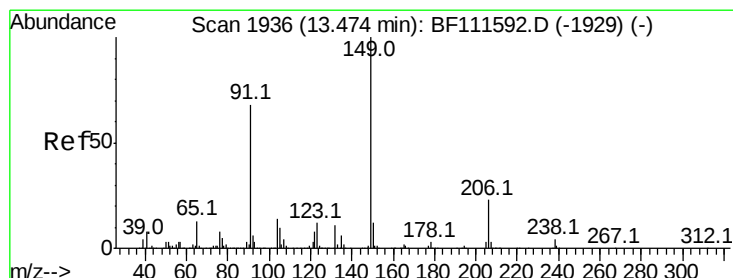
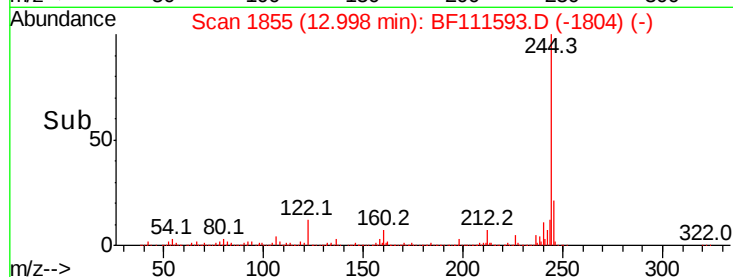
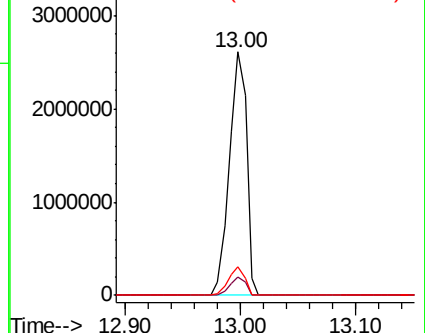
122 12.0 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.257 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

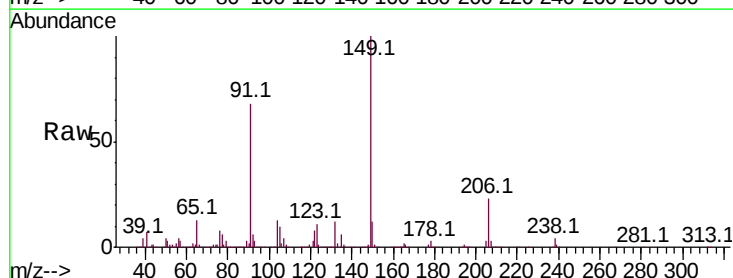
Tgt Ion:149 Resp: 768996

Ion	Ratio	Lower	Upper
149	100		
91	68.2	63.8	95.6
206	23.3	15.1	22.7

149 100

91 68.2 63.8 95.6

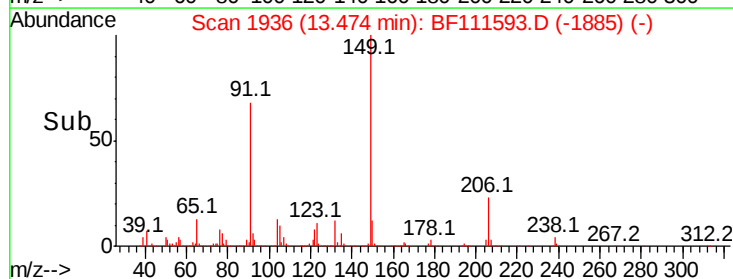
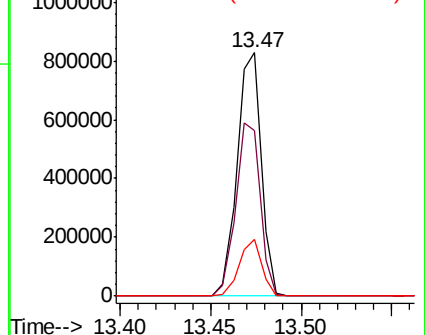
206 23.3 15.1 22.7#

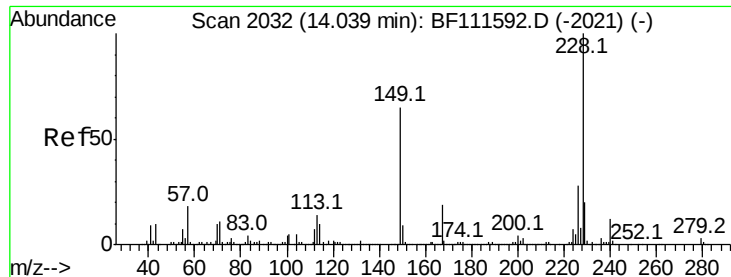


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.836 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

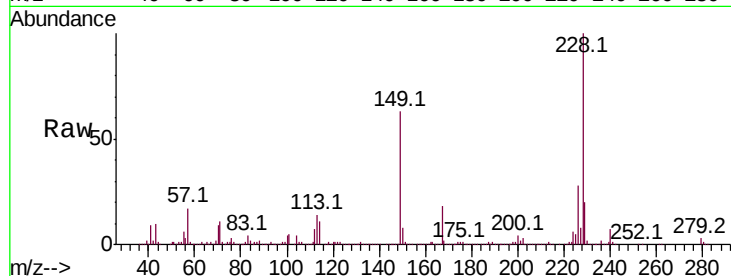
Tot Ion:228 Resp: 1429894

Ion Ratio Lower Upper

228 100

226 27.6 22.6 34.0

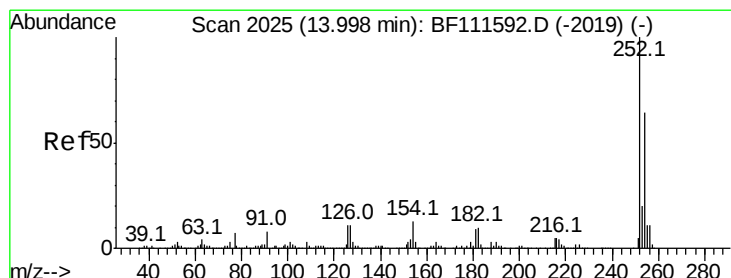
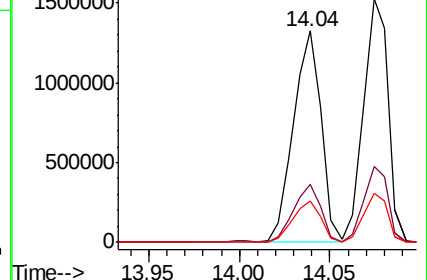
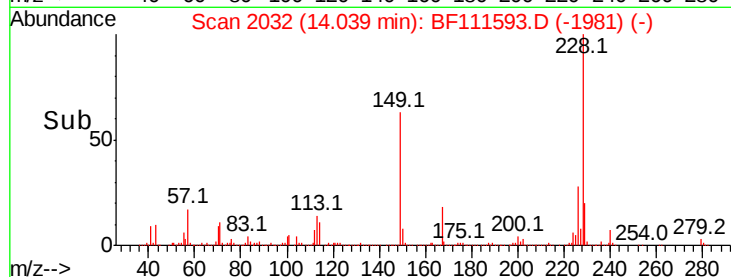
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 50.075 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

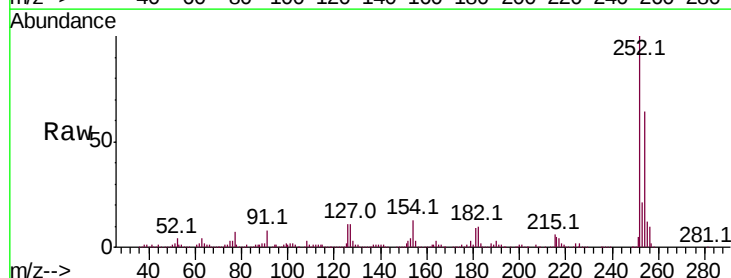
Tgt Ion:252 Resp: 572589

Ion Ratio Lower Upper

252 100

254 63.9 52.7 79.1

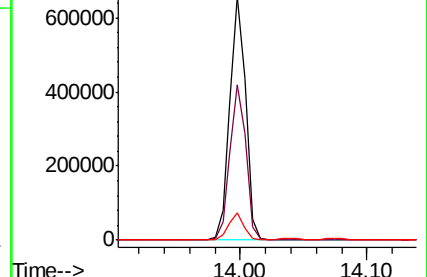
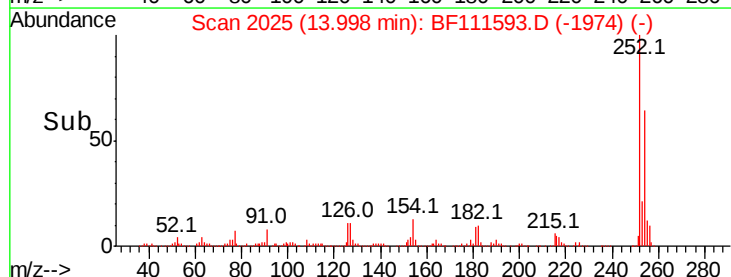
126 11.2 11.1 16.7

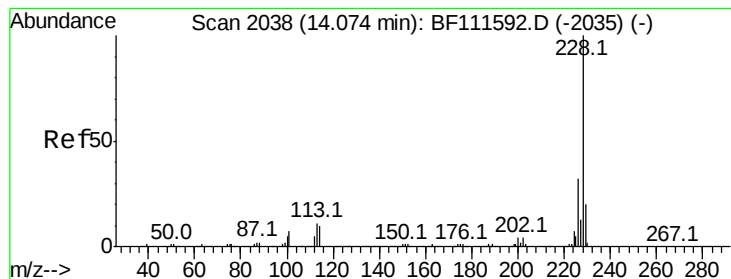


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.308 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

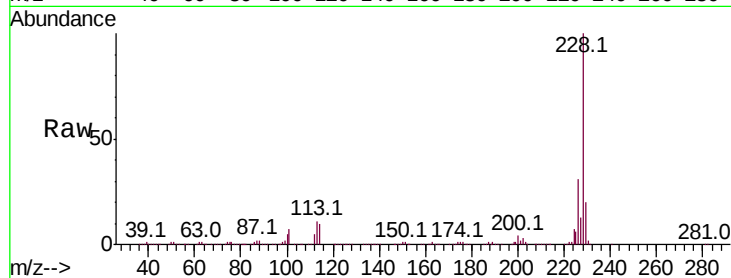
Tot Ion:228 Resp: 1431413

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	20.2	17.2	25.8

228 100

226 31.1 25.3 37.9

229 20.2 17.2 25.8

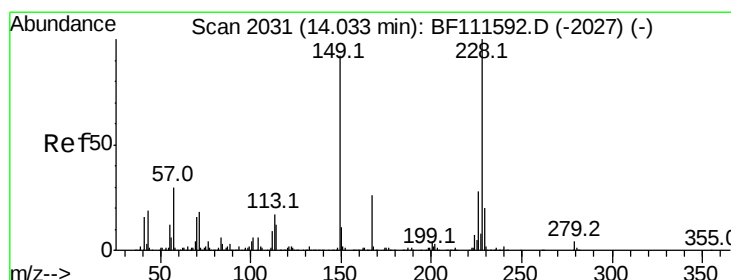
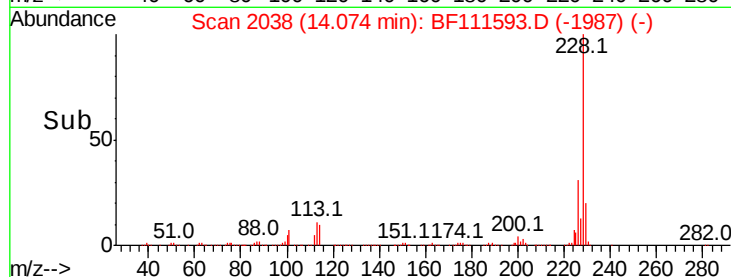
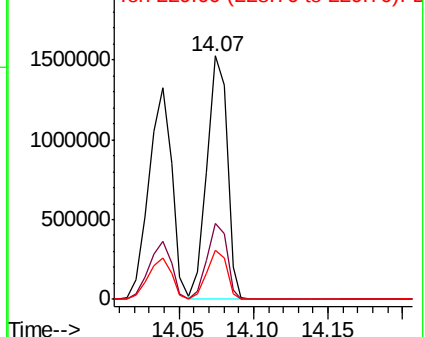


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.660 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

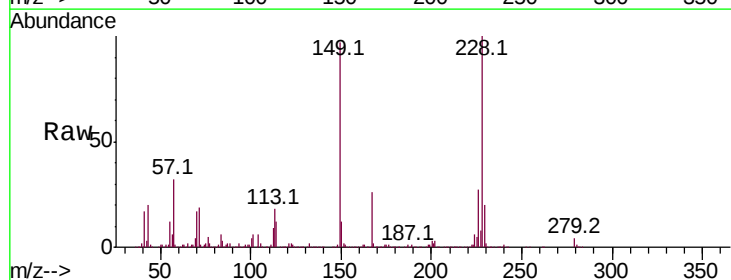
Tgt Ion:149 Resp: 923234

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	3.9	2.6	4.0

149 100

167 27.0 22.5 33.7

279 3.9 2.6 4.0

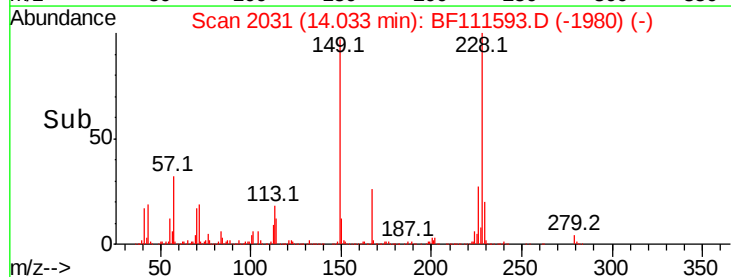
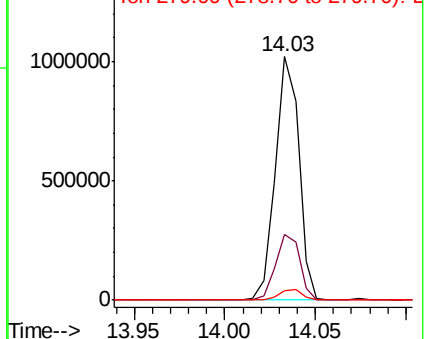


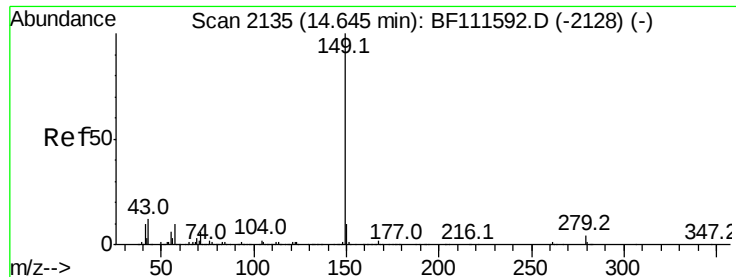
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.670 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

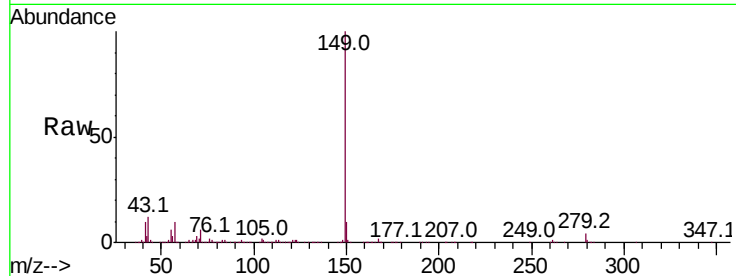
Tot Ion:149 Resp: 1404456

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

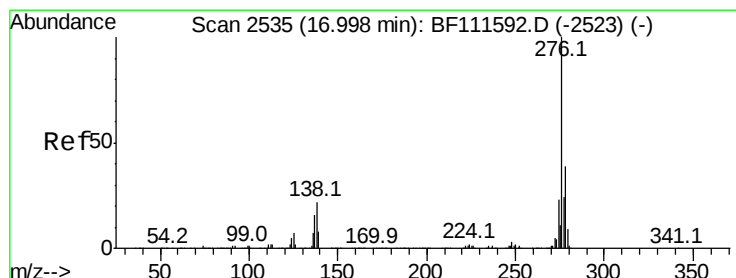
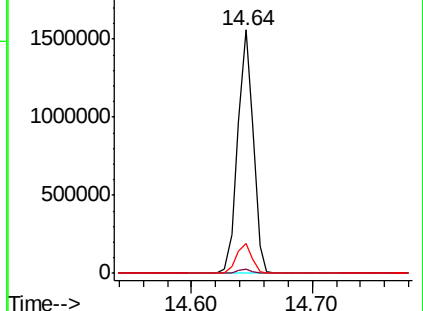
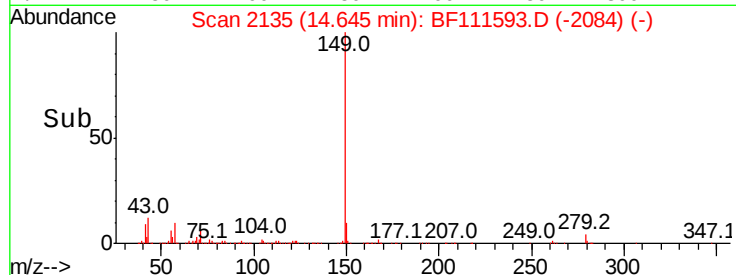
43 12.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.504 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

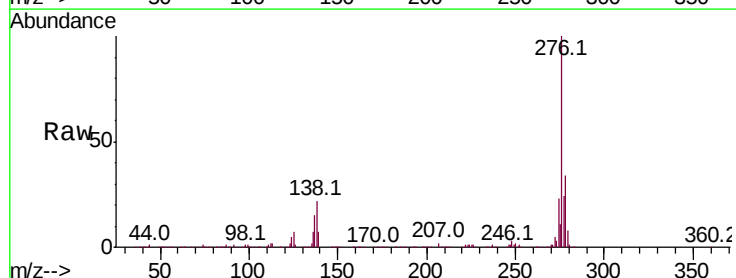
Tgt Ion:276 Resp: 1315288

Ion Ratio Lower Upper

276 100

138 24.5 27.8 41.6#

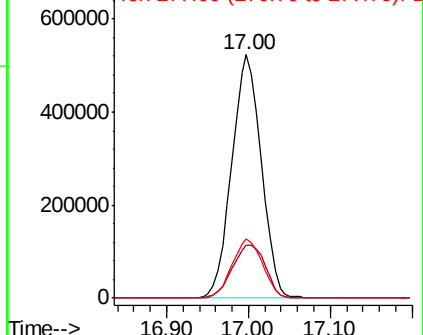
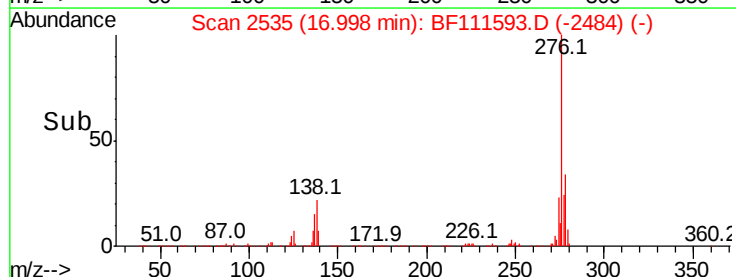
277 25.1 20.1 30.1

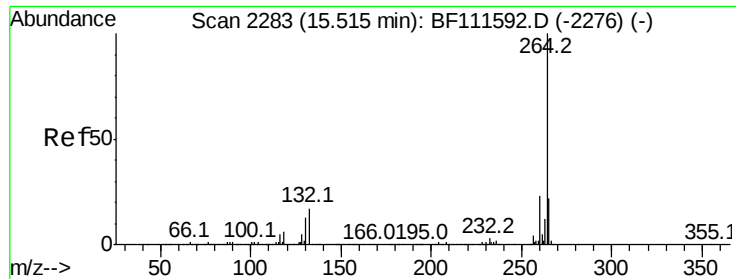


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



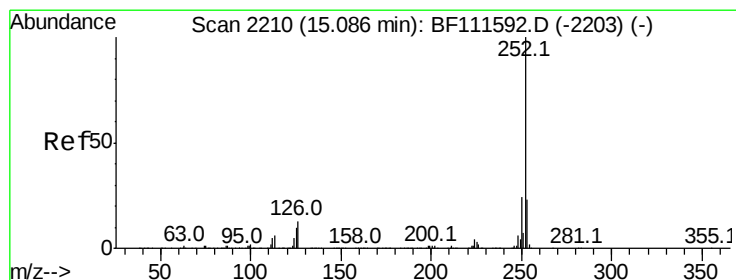
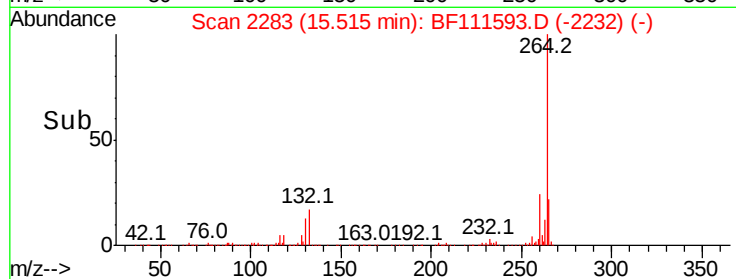
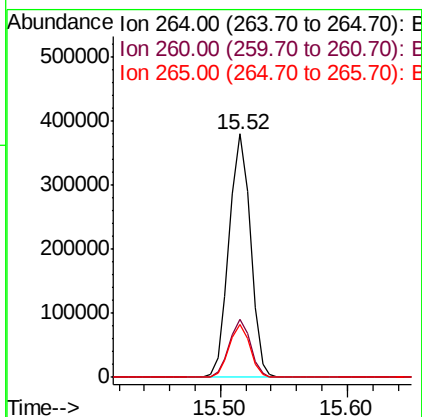
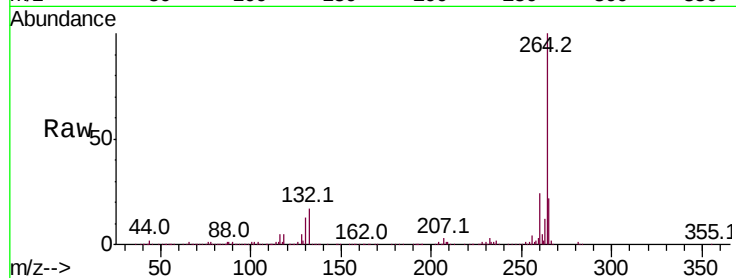


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 442873

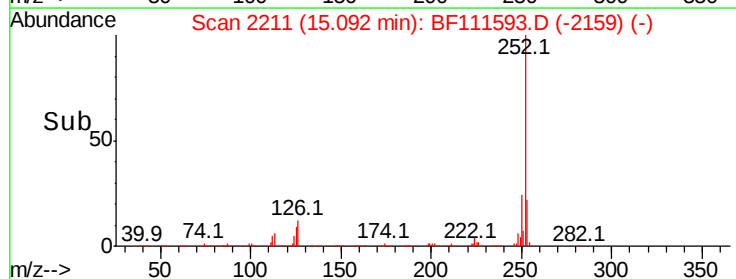
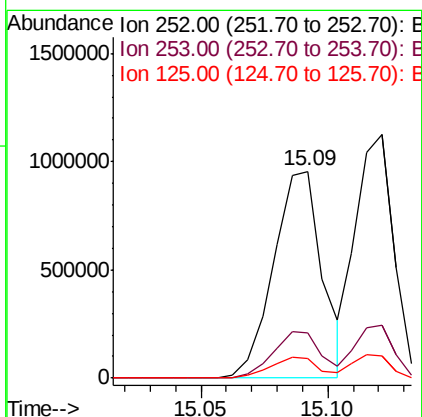
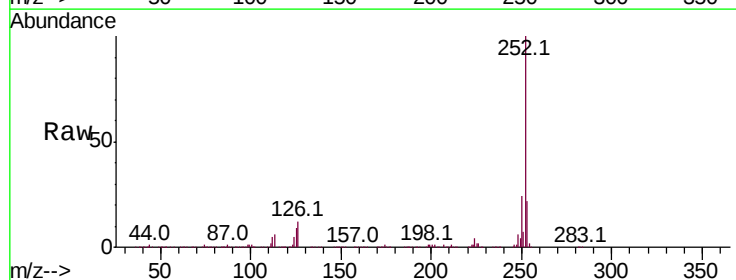
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.9	17.7	26.5

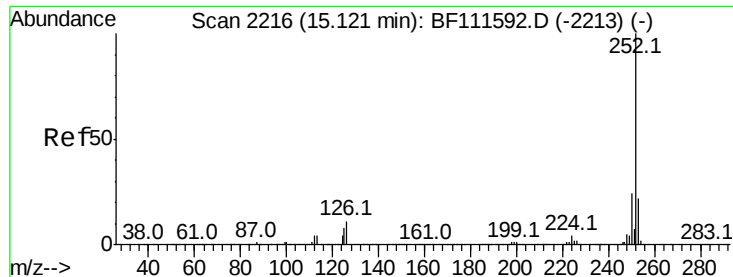


#88
Benzo(b)fluoranthene
Concen: 49.592 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:252 Resp: 1280476

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.3	10.4	15.6#

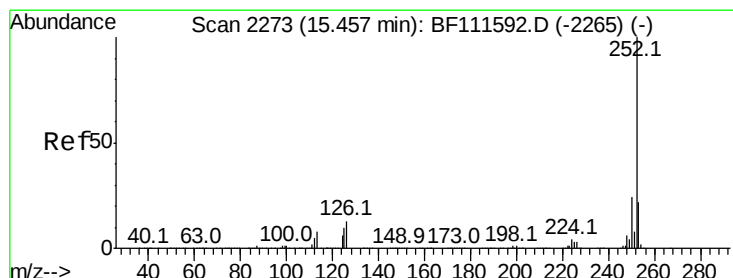
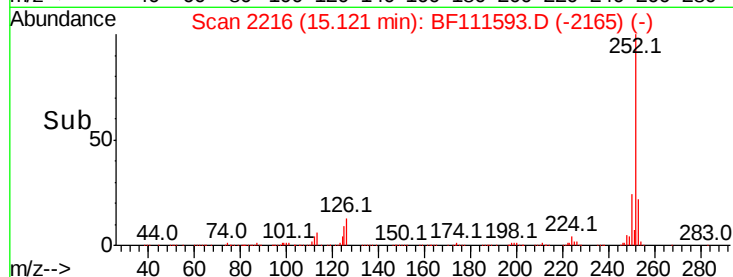
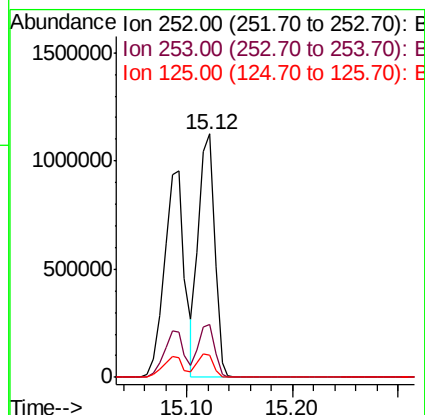
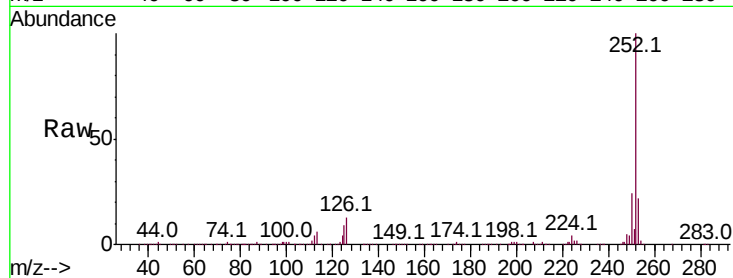




#89
Benzo(k)fluoranthene
Concen: 47.872 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

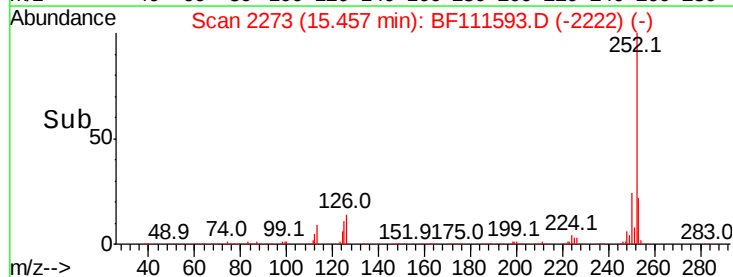
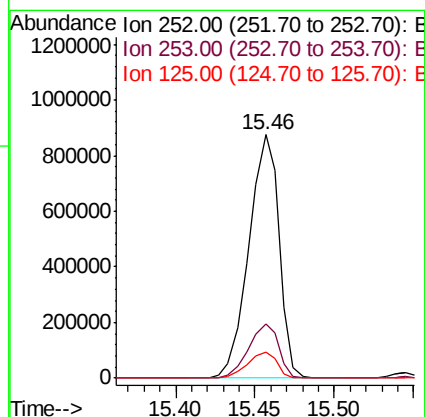
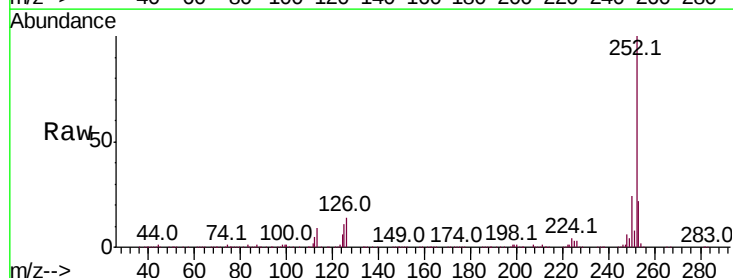
Instrument :
BNA_F
ClientSampled :

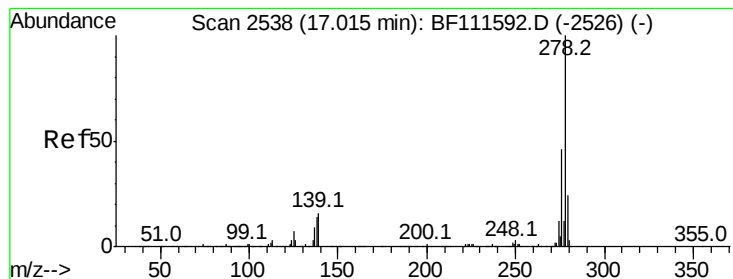
Tot Ion:252 Resp: 1181064
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.0 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 49.778 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion:252 Resp: 1159007
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.9 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 60.325 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

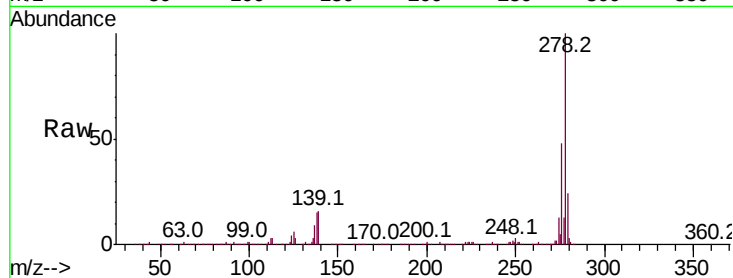
Tot Ion:278 Resp: 1107981

Ion	Ratio	Lower	Upper
278	100		
139	15.8	18.2	27.4#
279	24.2	19.0	28.6

278 100

139 15.8 18.2 27.4#

279 24.2 19.0 28.6

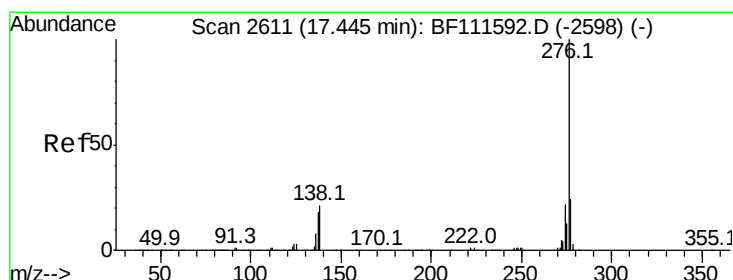
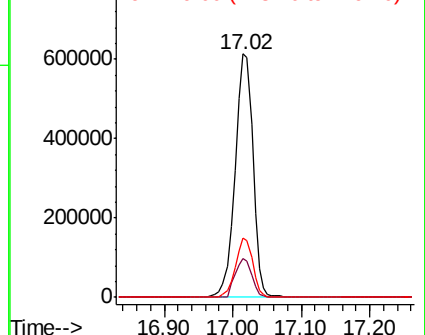
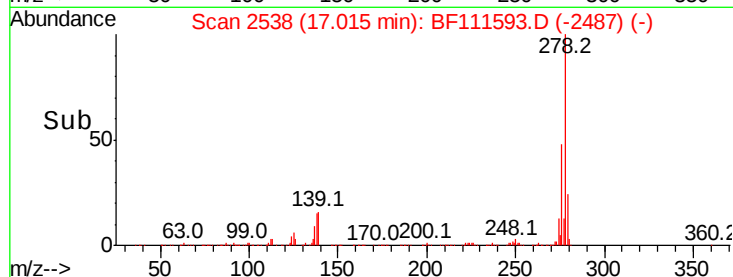


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.620 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

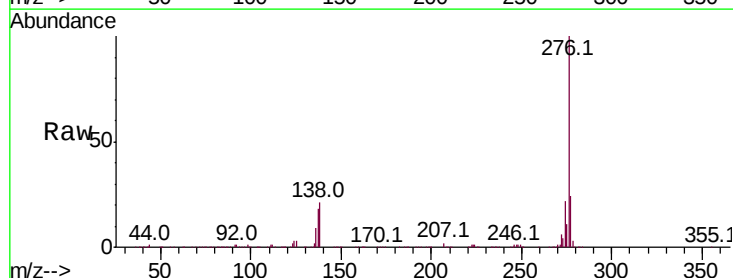
Tgt Ion:276 Resp: 1092899

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.2	24.9	37.3#

276 100

277 23.8 19.2 28.8

138 21.2 24.9 37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

