

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111318.D
 Acq On : 12 Dec 2018 12:05
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 12:31:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	320597	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1345324	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	604645	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1022026	20.00	ng	0.00
76) Chrysene-d12	13.96	240	627097	20.00	ng	0.00
87) Perylene-d12	15.39	264	541762	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	2256365	111.14	ng	0.00
7) Phenol-d6	6.44	99	2940251	116.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	2770493	115.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	604386	112.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4095238	106.84	ng	0.00
79) Terphenyl-d14	12.90	244	3296825	126.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	564563	54.196	ng	99
3) Pyridine	3.25	79	1487414	53.746	ng	98
4) n-Nitrosodimethylamine	3.20	42	685622	58.106	ng	90
6) Aniline	6.46	93	1916825	56.978	ng	100
8) 2-Chlorophenol	6.59	128	1341014	58.108	ng	98
9) Benzaldehyde	6.34	77	749663	47.875	ng	99
10) Phenol	6.45	94	1668081	56.540	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	1337583	58.622	ng	96
12) 1,3-Dichlorobenzene	6.74	146	1456364	58.732	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1458731	58.261	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1328582	56.892	ng	99
15) Benzyl Alcohol	6.94	79	1144837	57.336	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2557696	59.872	ng	99
17) 2-Methylphenol	7.06	107	1109601	58.892	ng	97
18) Hexachloroethane	7.31	117	550408	57.739	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	983195	58.170	ng	94
20) 3+4-Methylphenols	7.21	107	1236752	55.186	ng	98
22) Acetophenone	7.21	105	1743362	56.635	ng	100
24) Nitrobenzene	7.38	77	1436150	57.529	ng	100
25) Isophorone	7.63	82	2360437	57.779	ng	99
26) 2-Nitrophenol	7.70	139	740664	59.716	ng	95
27) 2,4-Dimethylphenol	7.74	122	1055270	55.059	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1574045	55.640	ng	100
29) 2,4-Dichlorophenol	7.94	162	1110398	56.660	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	1120335	58.036	ng	98
31) Naphthalene	8.10	128	3419700	58.242	ng	99
32) Benzoic acid	7.89	122	831637	52.472	ng	96
33) 4-Chloroaniline	8.15	127	1624000	57.587	ng	99
34) Hexachlorobutadiene	8.23	225	618039	58.000	ng	99
35) Caprolactam	8.55	113	397756	57.277	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	1166500	58.135	ng	99
37) 2-Methylnaphthalene	8.79	142	2231749	57.250	ng	98
38) 1-Methylnaphthalene	8.89	142	2155151	56.454	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	955330	56.782	ng	99

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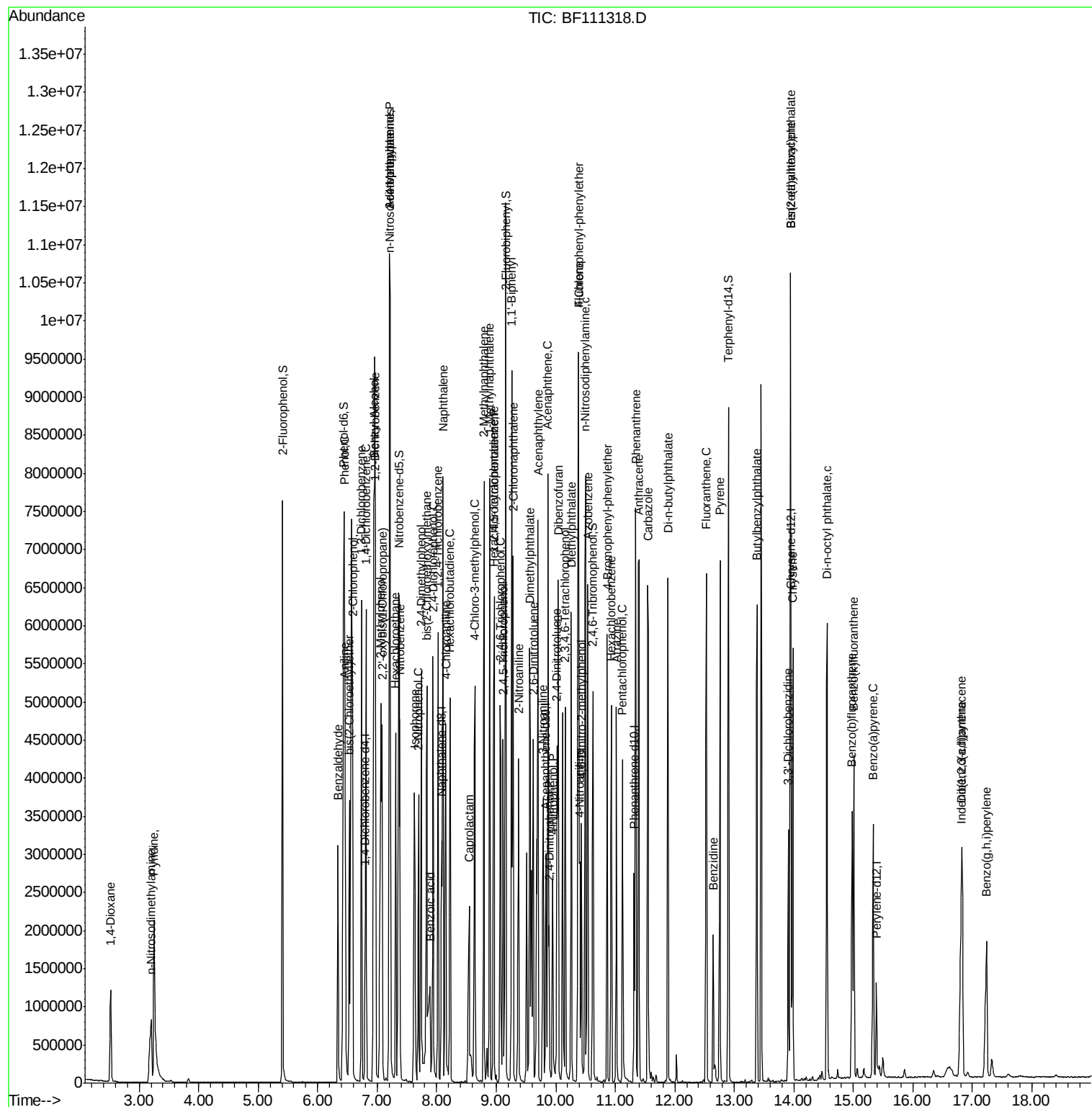
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	526334	54.932	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	708219	56.079	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	758231	57.635	ng	96
46) 1,1'-Biphenyl	9.26	154	2803443	55.157	ng	98
47) 2-Chloronaphthalene	9.29	162	2242305	56.677	ng	97
48) 2-Nitroaniline	9.37	65	774803	57.410	ng	97
49) Acenaphthylene	9.70	152	3231914	56.271	ng	98
50) Dimethylphthalate	9.56	163	2483872	55.675	ng	99
51) 2,6-Dinitrotoluene	9.62	165	586481	59.526	ng	97
52) Acenaphthene	9.87	154	2070093	57.434	ng	99
53) 3-Nitroaniline	9.79	138	693299	57.009	ng	91
54) 2,4-Dinitrophenol	9.89	184	254405	65.342	ng	87
55) Dibenzofuran	10.05	168	2914490	59.437	ng	98
56) 4-Nitrophenol	9.95	139	529140	55.867	ng	91
57) 2,4-Dinitrotoluene	10.02	165	755387	62.192	ng	93
58) Fluorene	10.39	166	2024166	53.345	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	571543	57.315	ng	99
60) Diethylphthalate	10.26	149	2432082	57.180	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	1005446	53.367	ng	96
62) 4-Nitroaniline	10.40	138	673734	58.551	ng	99
63) Azobenzene	10.54	77	2482472	56.216	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	372138	67.483	ng	97
66) n-Nitrosodiphenylamine	10.50	169	2042781	58.717	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	653413	58.371	ng	95
68) Hexachlorobenzene	10.93	284	669716	58.812	ng	# 92
69) Atrazine	11.02	200	579533	54.779	ng	98
70) Pentachlorophenol	11.12	266	488630	59.151	ng	98
71) Phenanthrene	11.35	178	2904834	56.350	ng	97
72) Anthracene	11.40	178	2955951	54.809	ng	97
73) Carbazole	11.55	167	3140800	55.694	ng	98
74) Di-n-butylphthalate	11.89	149	3470291	59.870	ng	98
75) Fluoranthene	12.53	202	2858192	60.696	ng	99
77) Benzidine	12.65	184	789004	42.374	ng	98
78) Pyrene	12.76	202	2900501	64.725	ng	99
80) Butylbenzylphthalate	13.38	149	1416734	60.527	ng	95
81) Benzo(a)anthracene	13.94	228	1995793	57.046	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	734977	51.255	ng	98
83) Chrysene	13.98	228	2074848	57.527	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1662633	59.779	ng	100
85) Di-n-octyl phthalate	14.56	149	2740311	58.782	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	1770412	60.809	ng	97
88) Benzo(b)fluoranthene	14.98	252	1762178	58.817	ng	99
89) Benzo(k)fluoranthene	15.01	252	1709319	60.682	ng	99
90) Benzo(a)pyrene	15.33	252	1658616	60.117	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1469647	67.818	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1508393	69.534	ng	97

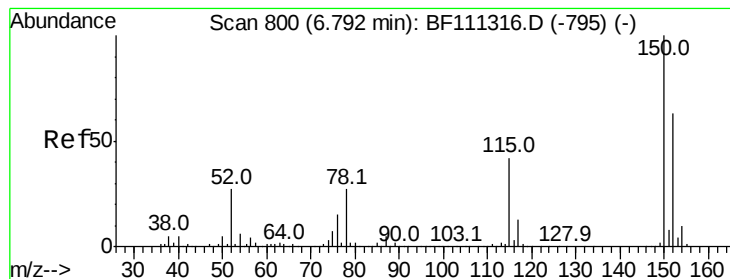
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

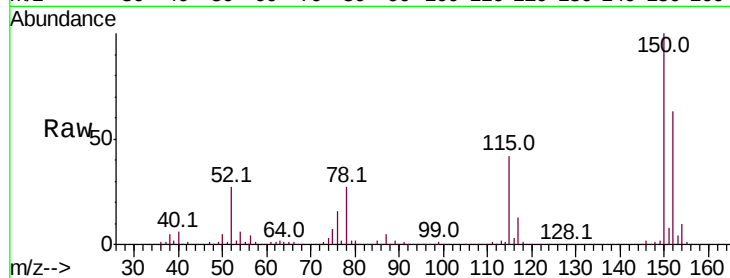
Tot Ion:152 Resp: 320597

Ion Ratio Lower Upper

152 100

150 159.5 126.6 189.8

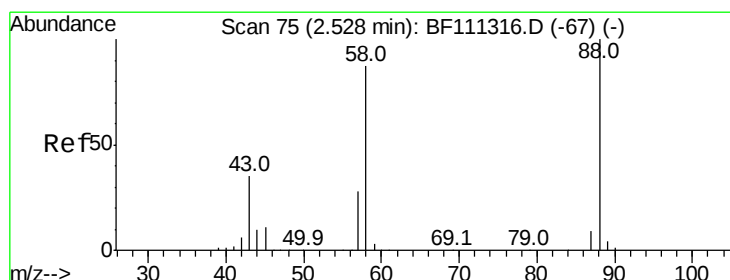
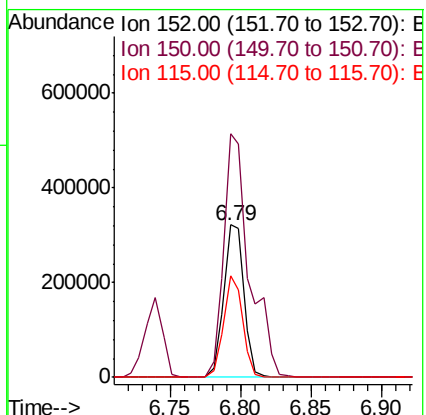
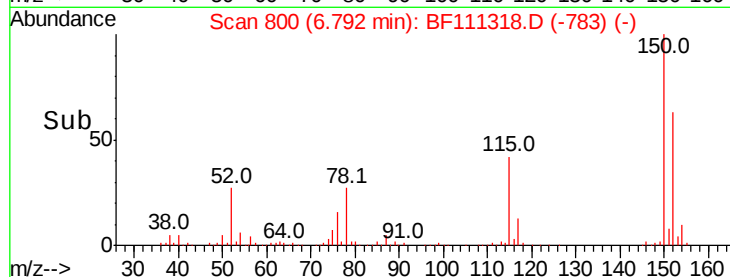
115 66.5 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 54.196 ng

RT: 2.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

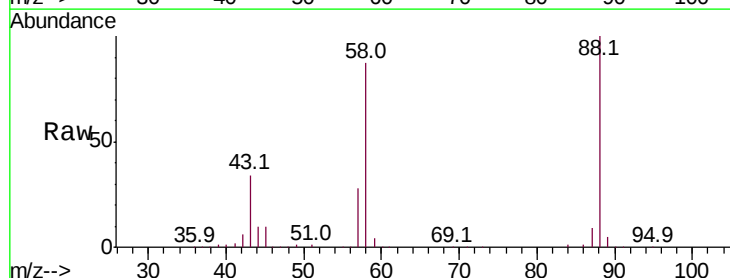
Tgt Ion: 88 Resp: 564563

Ion Ratio Lower Upper

88 100

58 85.6 68.9 103.3

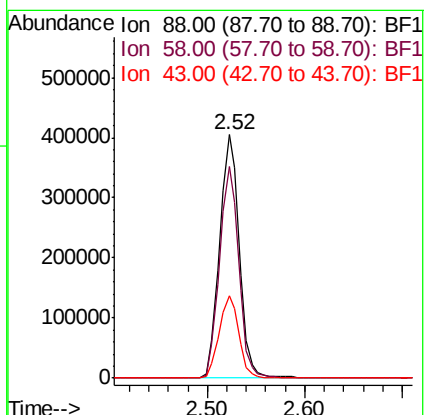
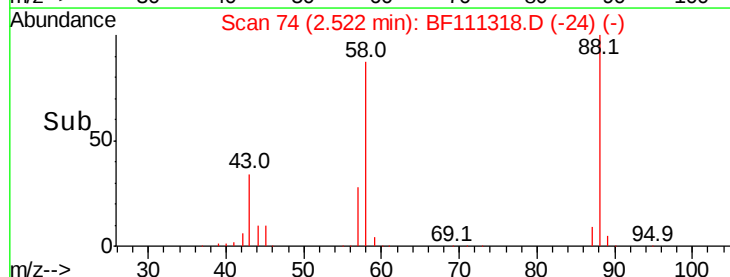
43 33.9 25.8 38.6

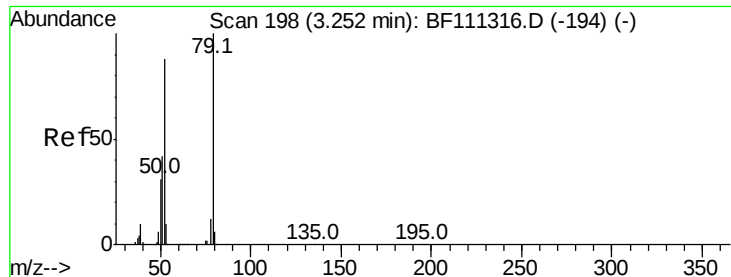


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 53.746 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

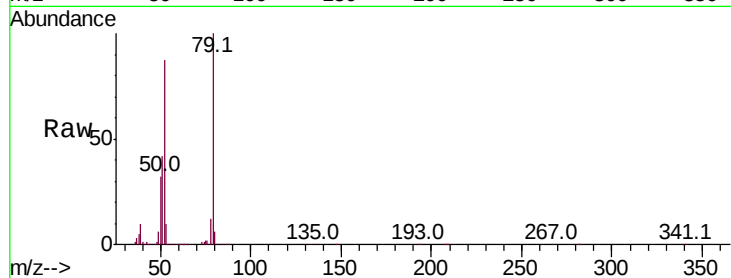
Tot Ion: 79 Resp: 1487414

Ion Ratio Lower Upper

79 100

52 86.8 68.3 102.5

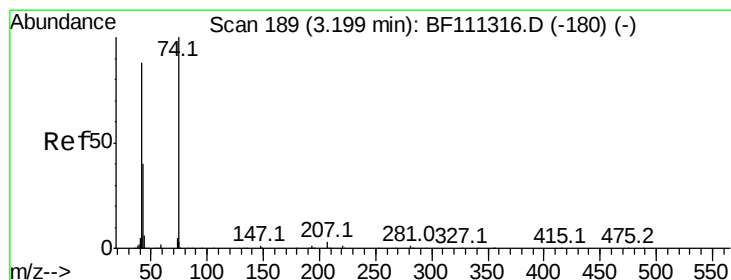
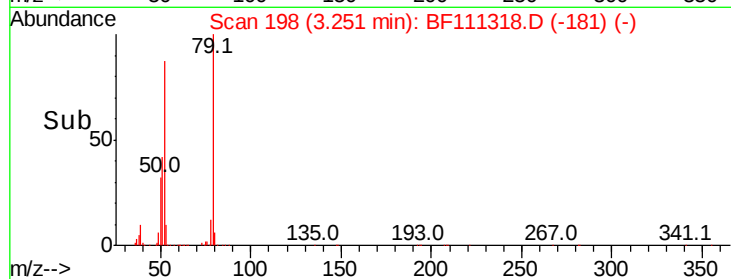
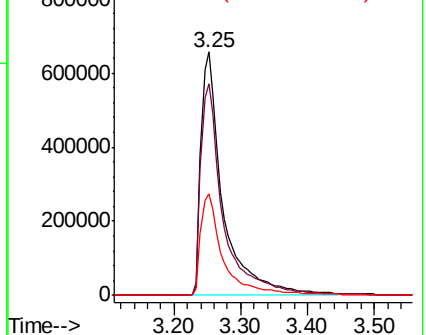
51 42.0 32.6 49.0



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: 58.106 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

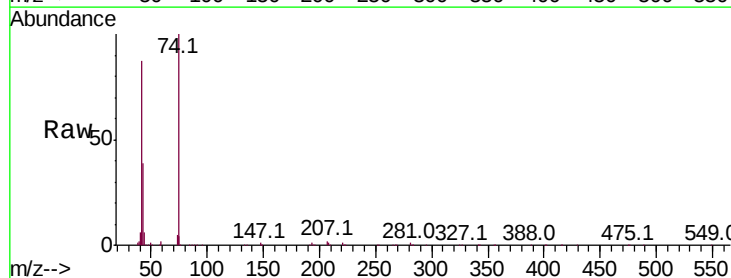
Tgt Ion: 42 Resp: 685622

Ion Ratio Lower Upper

42 100

74 115.1 101.5 152.3

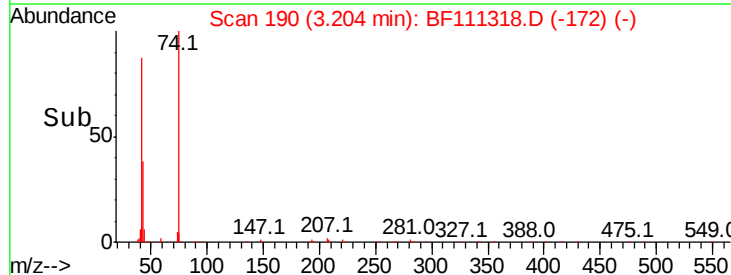
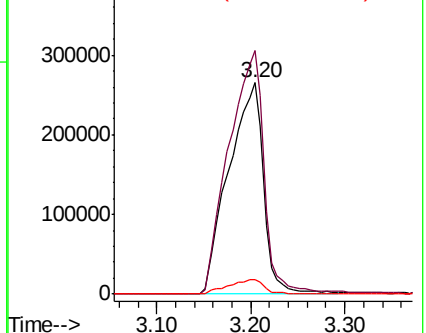
44 6.9 6.0 9.0

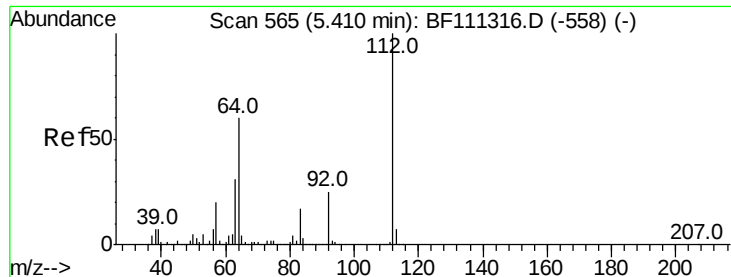


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.135 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

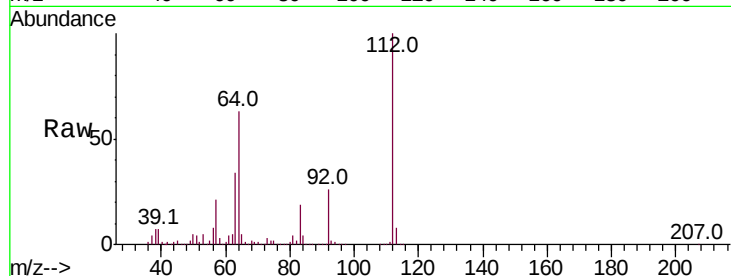
Tot Ion:112 Resp: 2256365

Ion Ratio Lower Upper

112 100

64 63.0 51.8 77.6

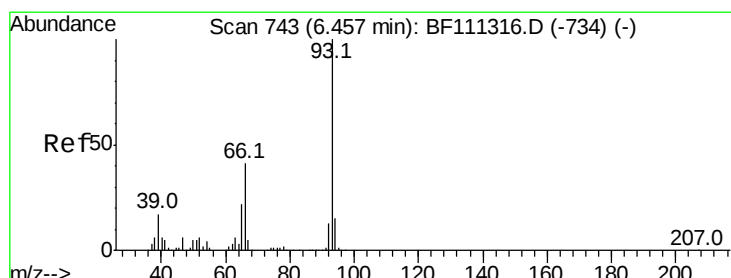
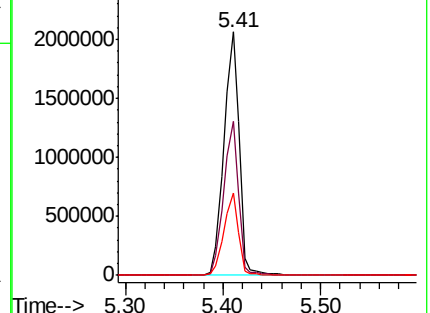
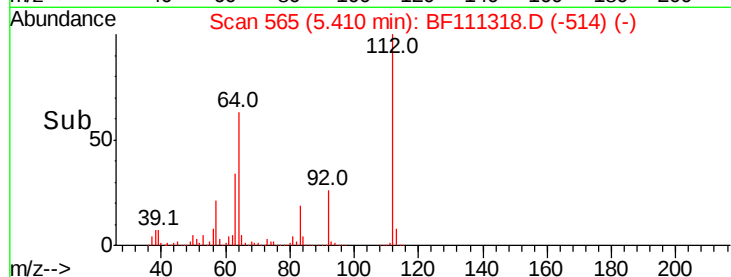
63 34.0 26.8 40.2



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: 56.978 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

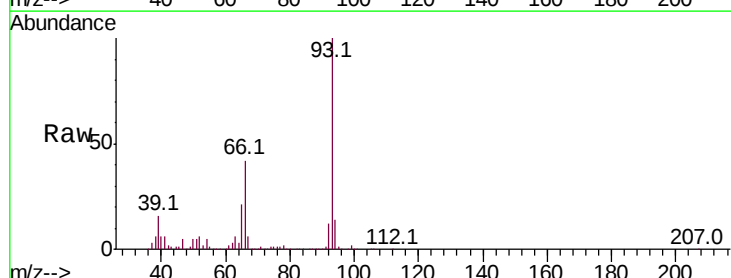
Tgt Ion: 93 Resp: 1916825

Ion Ratio Lower Upper

93 100

66 41.6 33.2 49.8

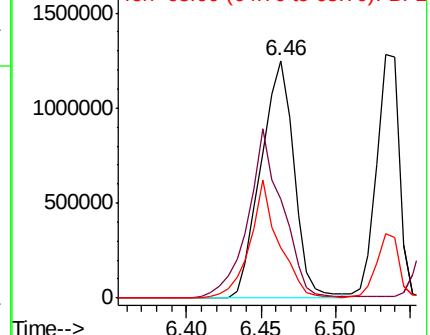
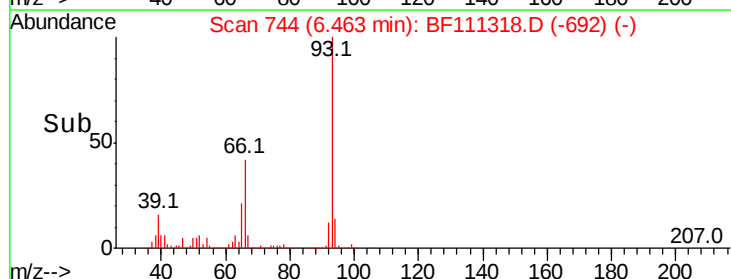
65 21.4 17.0 25.4

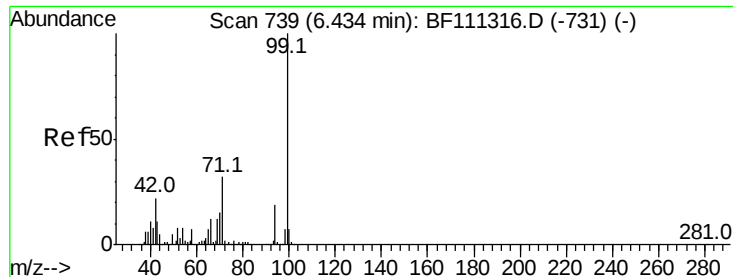


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.531 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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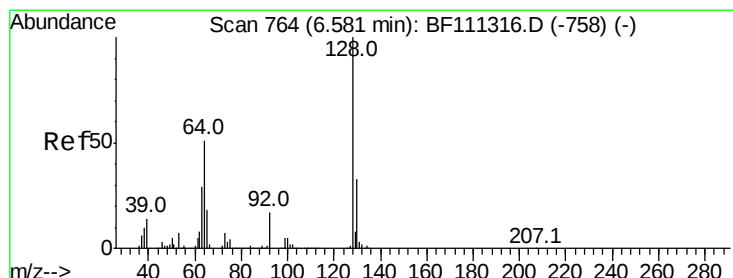
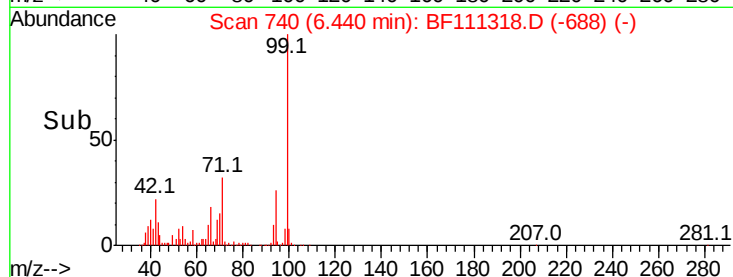
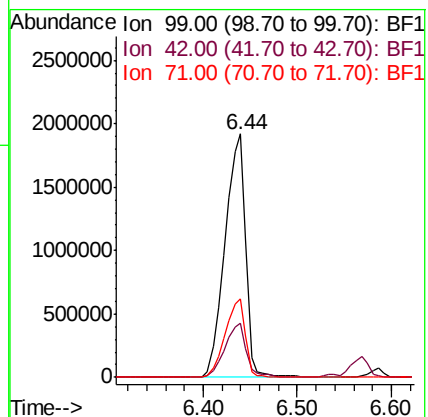
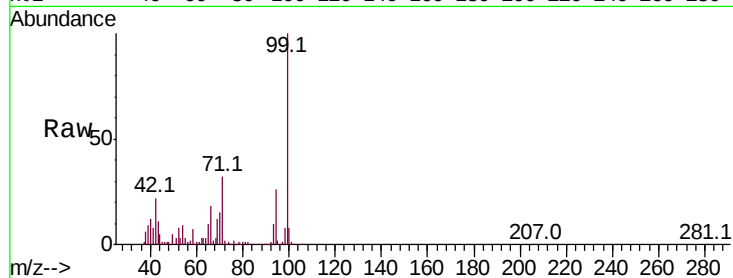
Tot Ion: 99 Resp: 2940251

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

71 32.5 26.1 39.1



#8

2-Chlorophenol

Concen: 58.108 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

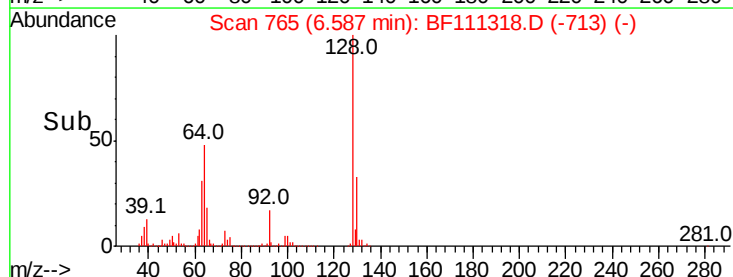
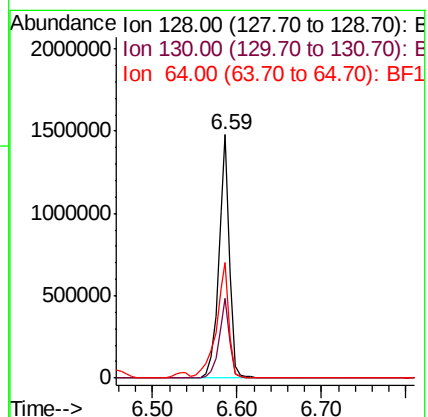
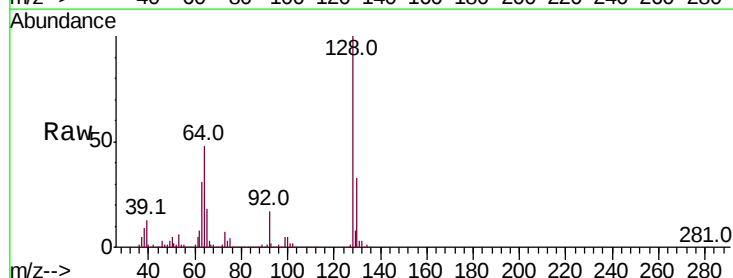
Tgt Ion:128 Resp: 1341014

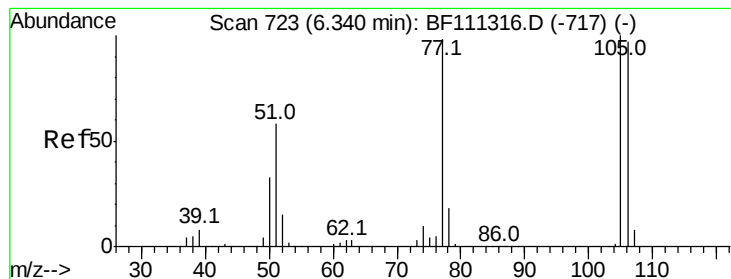
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 47.6 30.0 70.0





#9

Benzaldehyde

Concen: 47.875 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

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ClientSampled :

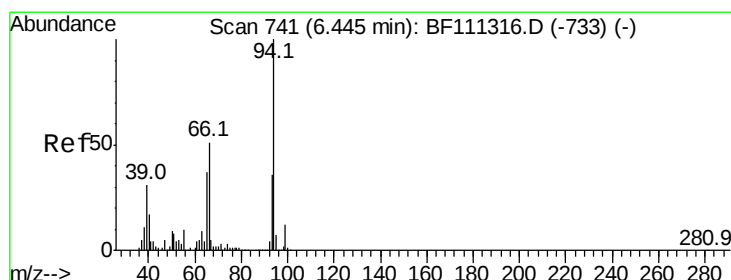
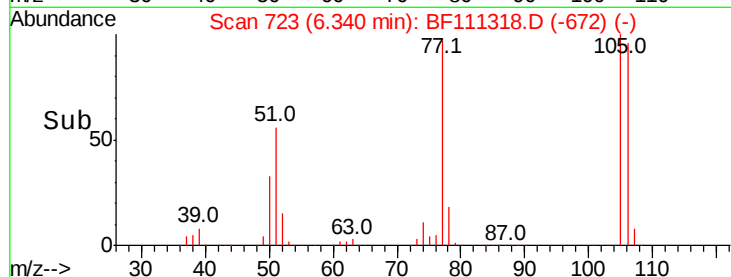
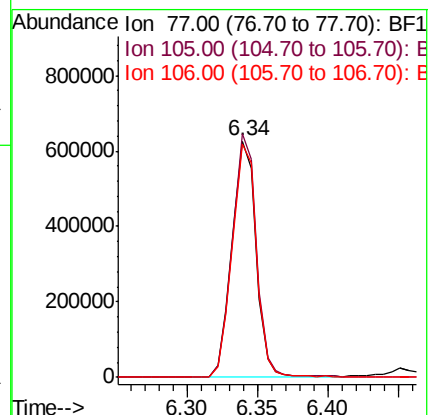
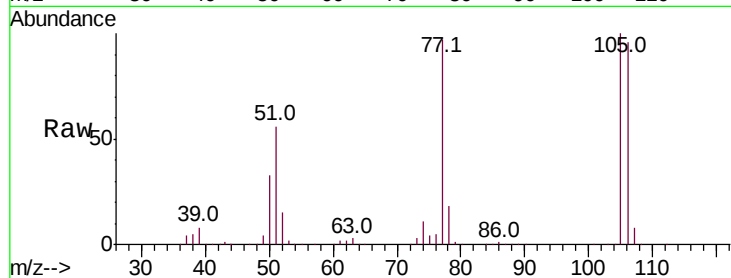
Tot Ion: 77 Resp: 749663

Ion Ratio Lower Upper

77 100

105 103.2 81.4 121.4

106 99.0 77.9 117.9



#10

Phenol

Concen: 56.540 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

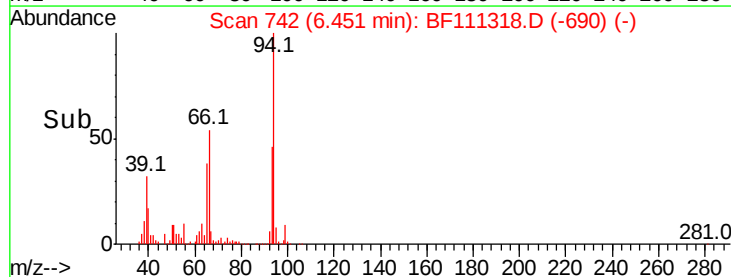
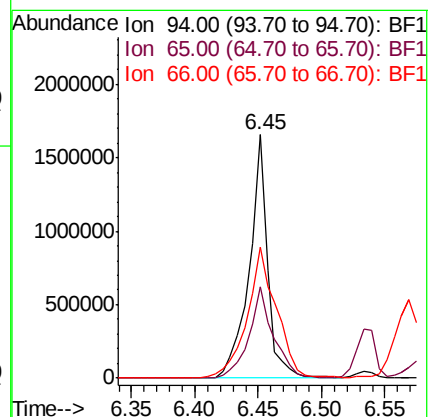
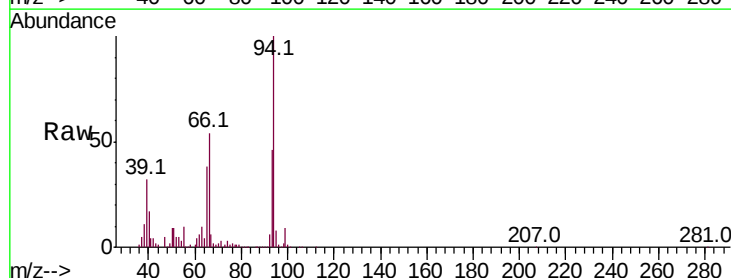
Tgt Ion: 94 Resp: 1668081

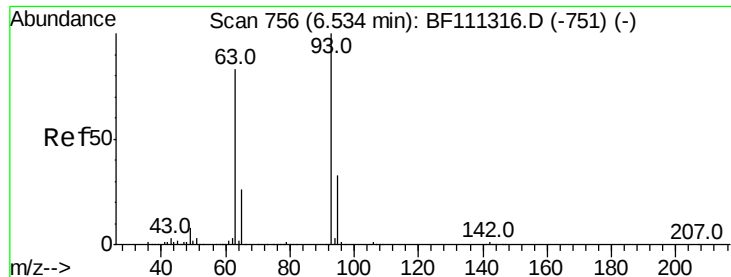
Ion Ratio Lower Upper

94 100

65 37.6 11.7 51.7

66 53.9 21.0 61.0

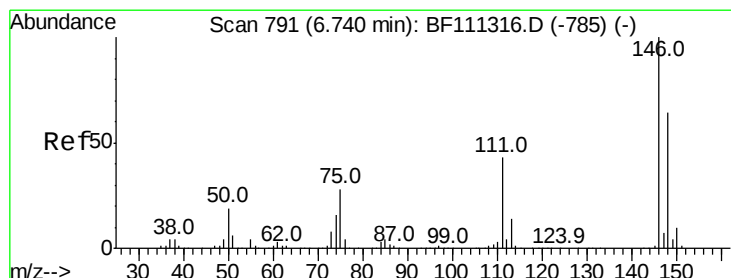
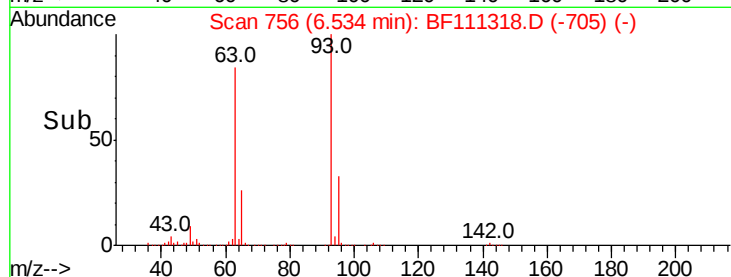
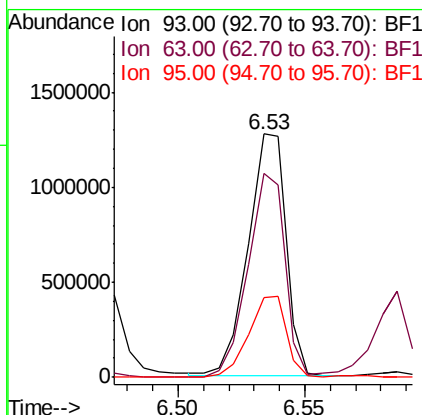
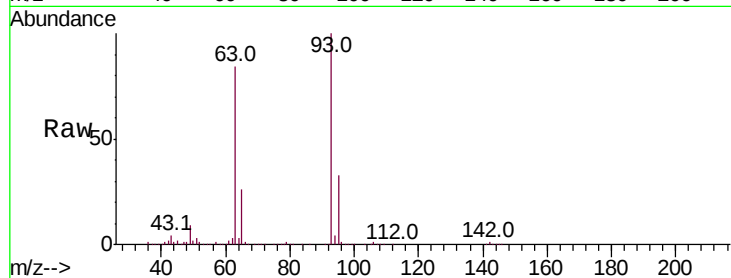




#11
bis(2-Chloroethyl)ether
Concen: 58.622 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

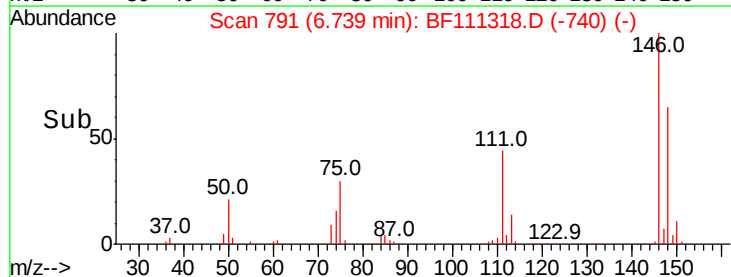
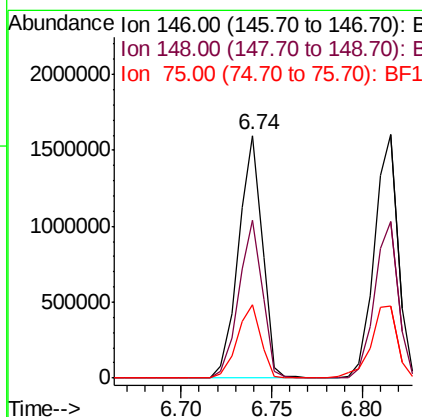
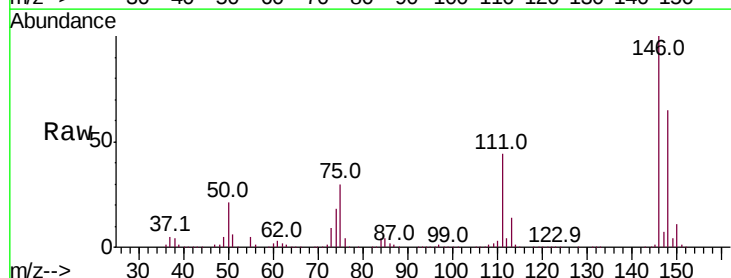
Instrument :
BNA_F
ClientSampleId :

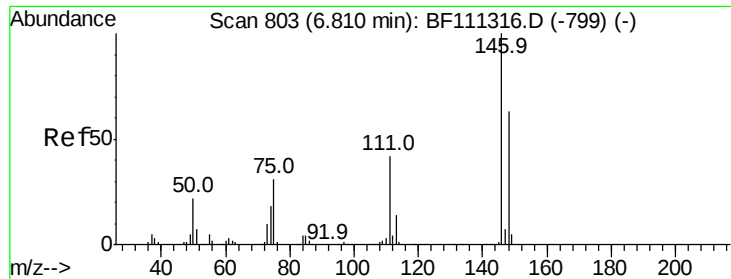
Tot Ion: 93 Resp: 1337583
Ion Ratio Lower Upper
93 100
63 83.9 60.0 100.0
95 32.6 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 58.732 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion: 146 Resp: 1456364
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 30.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 58.261 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

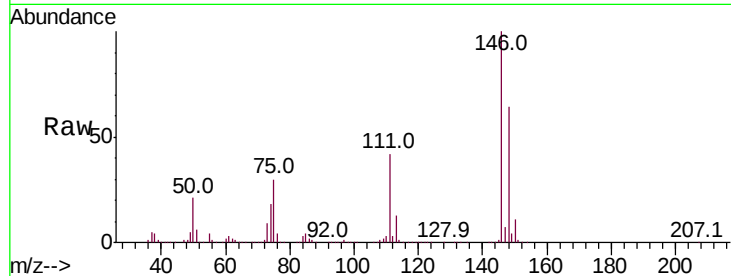
Tot Ion:146 Resp: 1458731

Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

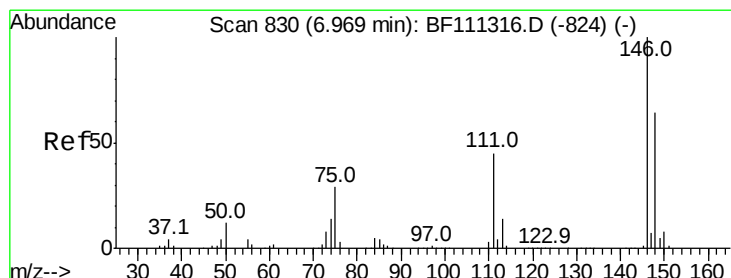
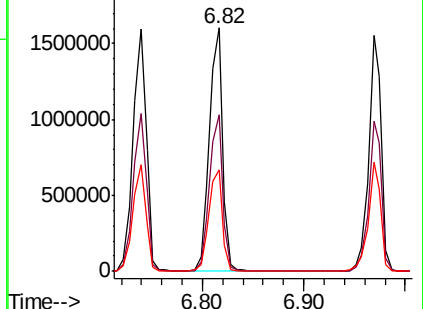
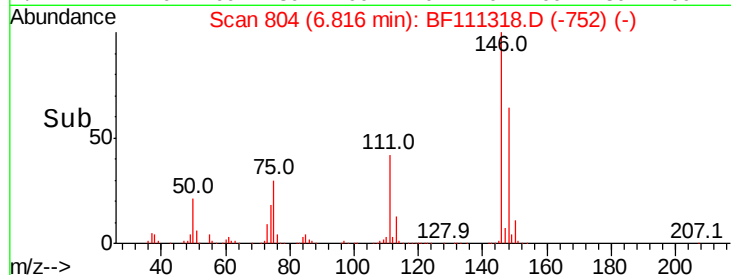
111 41.6 33.4 50.0



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: 56.892 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

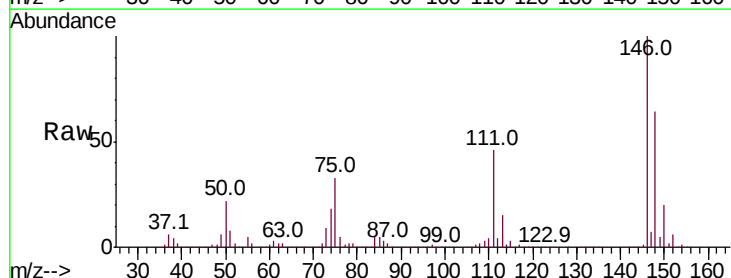
Tgt Ion:146 Resp: 1328582

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

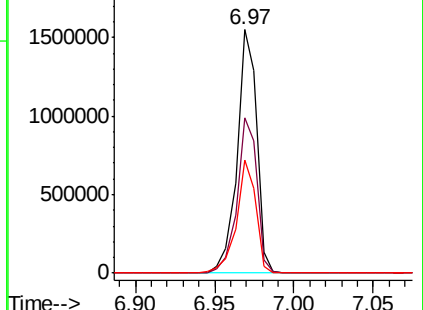
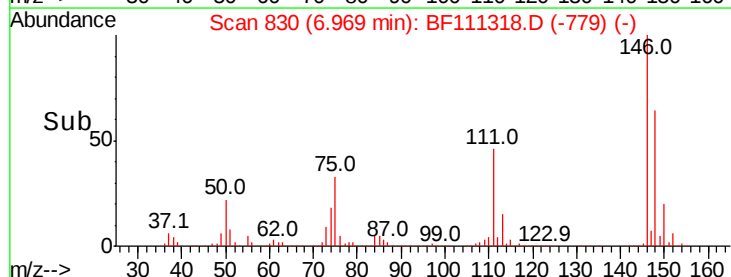
111 46.2 36.2 54.4

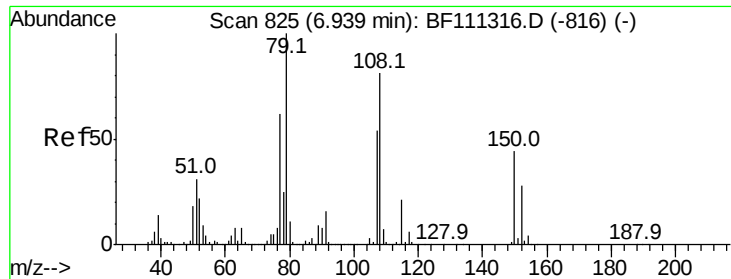


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

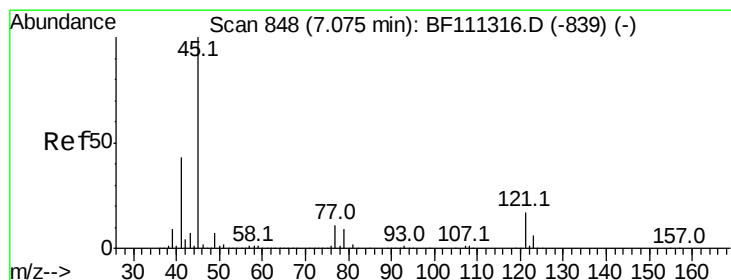
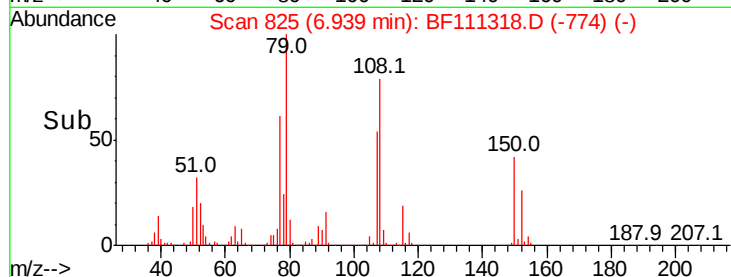
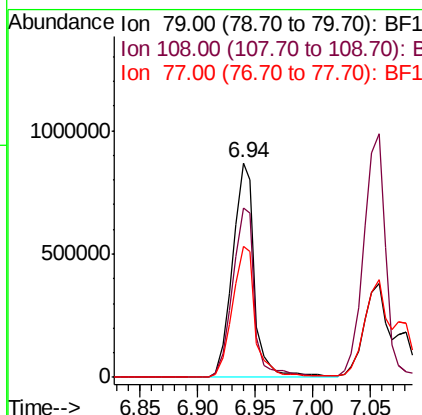
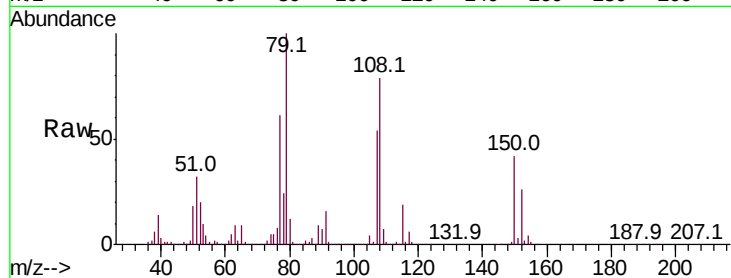




#15
Benzyl Alcohol
Concen: 57.336 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

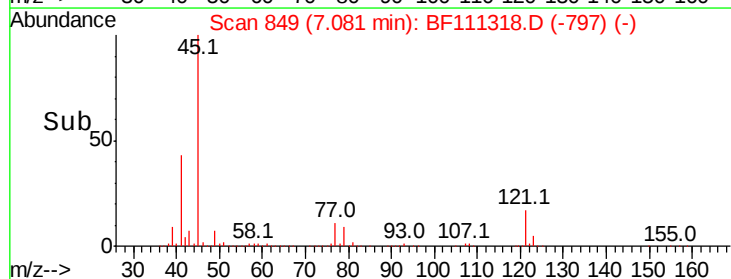
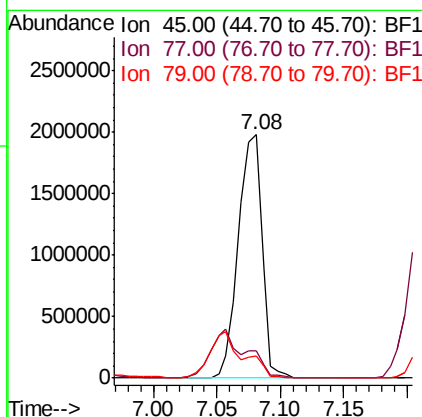
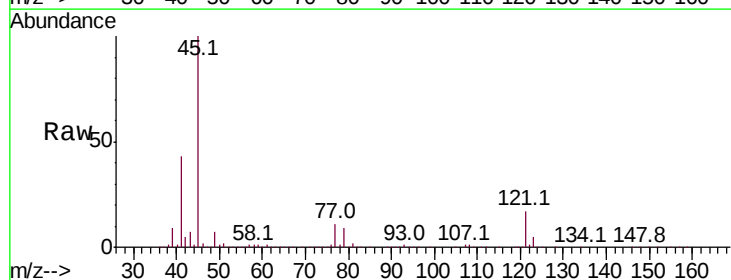
Instrument :
BNA_F
ClientSampled :

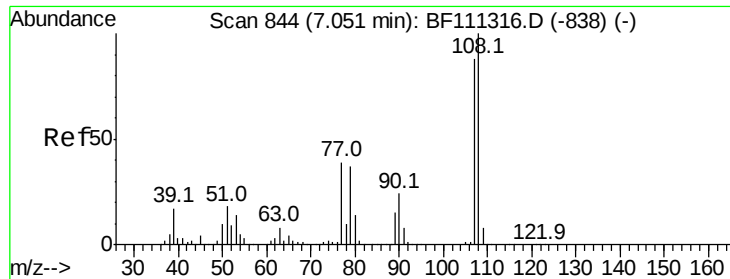
Tot Ion: 79 Resp: 1144837
Ion Ratio Lower Upper
79 100
108 79.0 69.4 104.2
77 60.9 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 59.872 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion: 45 Resp: 2557696
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.5
79 9.2 0.0 28.9

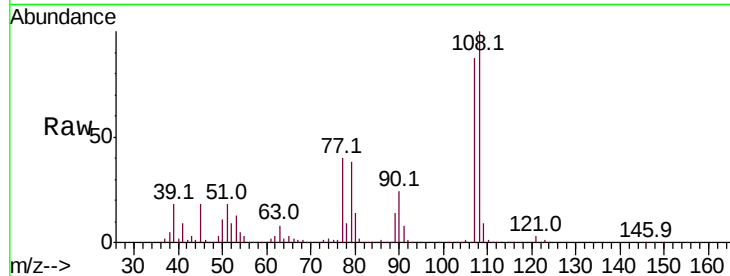




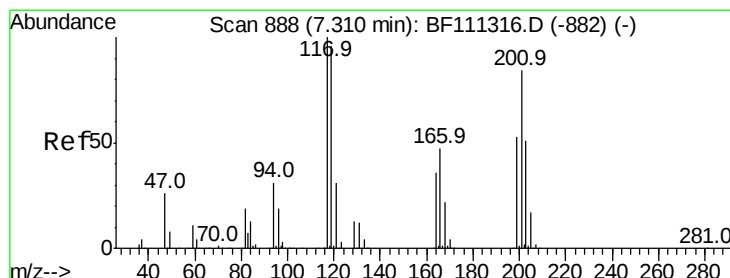
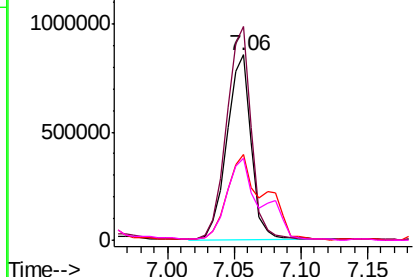
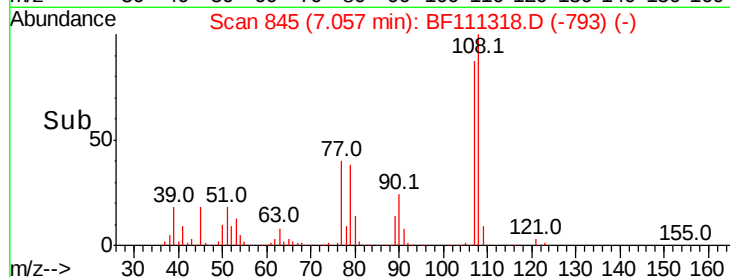
#17
2-Methylphenol
Concen: 58.892 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1109601
Ion Ratio Lower Upper
107 100
108 115.2 91.0 136.4
77 46.2 33.5 50.3
79 44.2 33.3 49.9

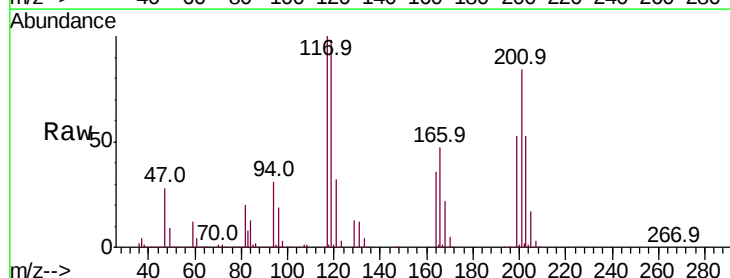


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

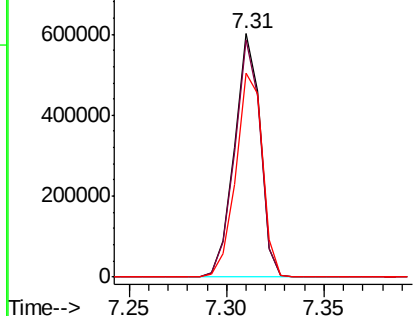
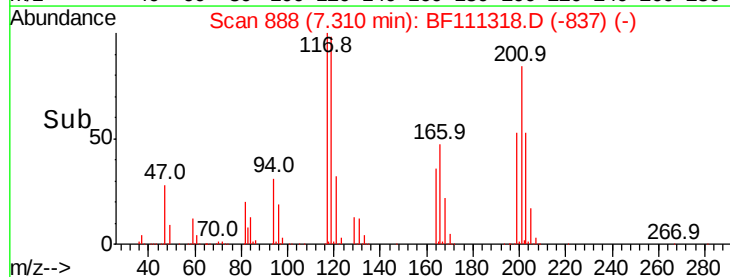


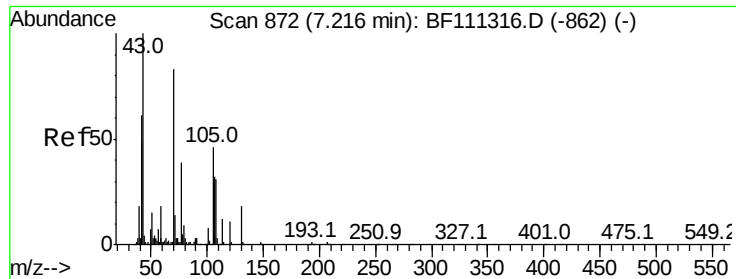
#18
Hexachloroethane
Concen: 57.739 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:117 Resp: 550408
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.0
201 83.7 62.4 93.6



Abundance Ion 117.00 (116.70 to 117.70): E
800000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

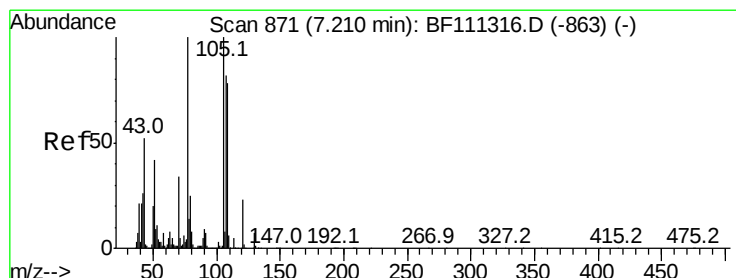
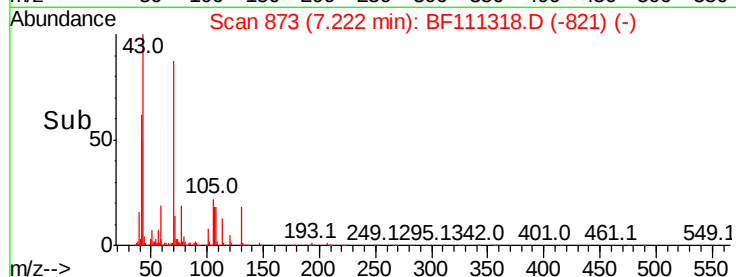
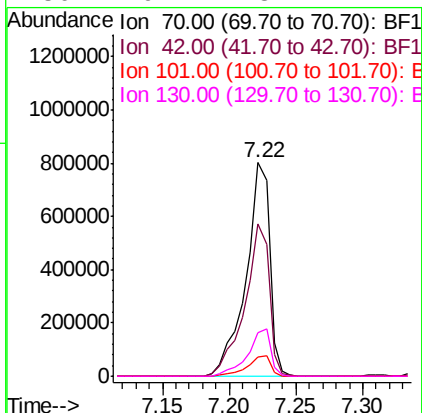
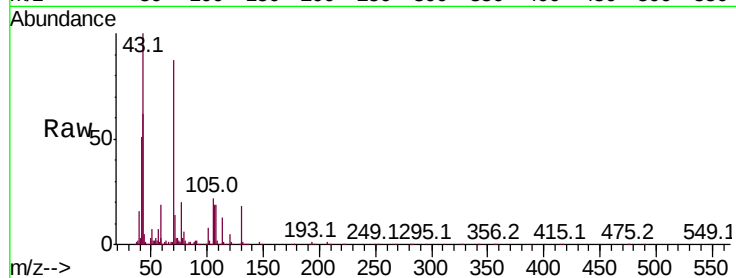




#19
n-Nitroso-di-n-propylamine
Concen: 58.170 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

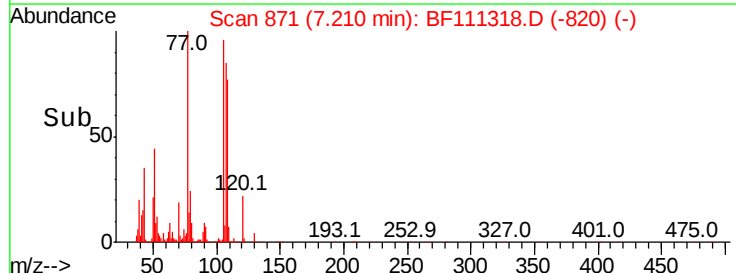
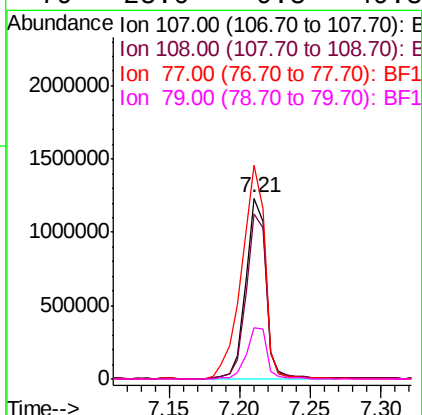
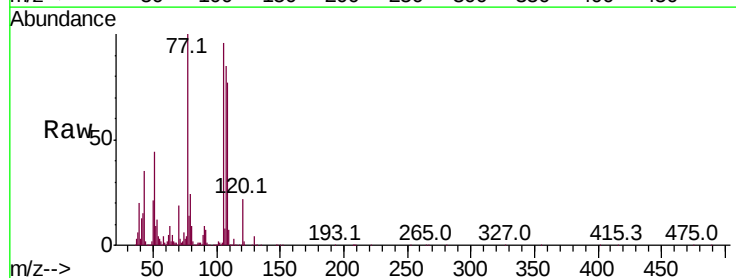
Instrument :
BNA_F
ClientSampleId :

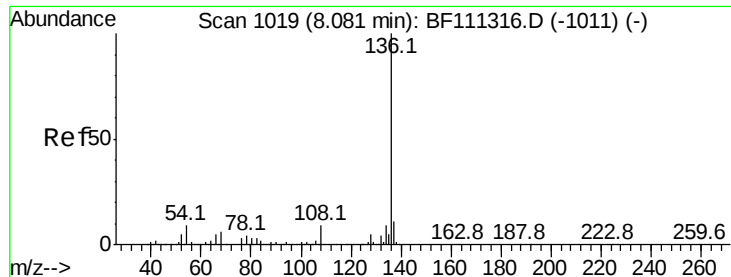
Tot Ion:	70	Resp:	983195
Ion	Ratio	Lower	Upper
70	100		
42	71.5	53.2	79.8
101	9.3	8.2	12.4
130	20.4	18.1	27.1



#20
3+4-Methylphenols
Concen: 55.186 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:	107	Resp:	1236752
Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.1	112.1
77	118.0	94.1	134.1
79	28.0	9.8	49.8

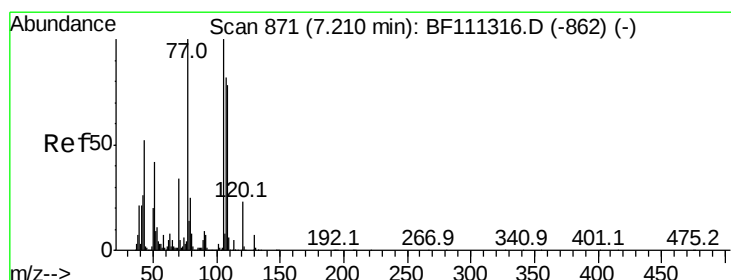
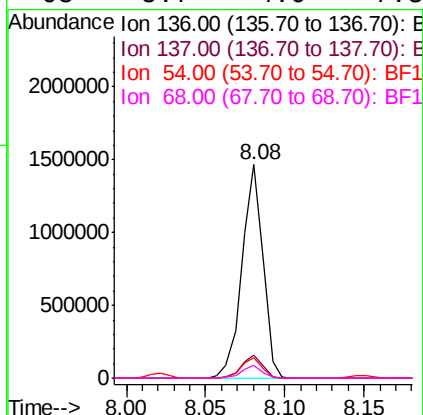
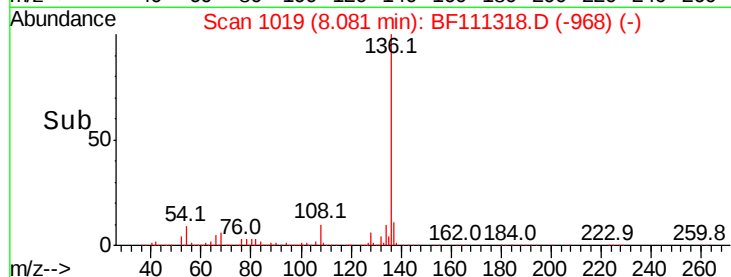
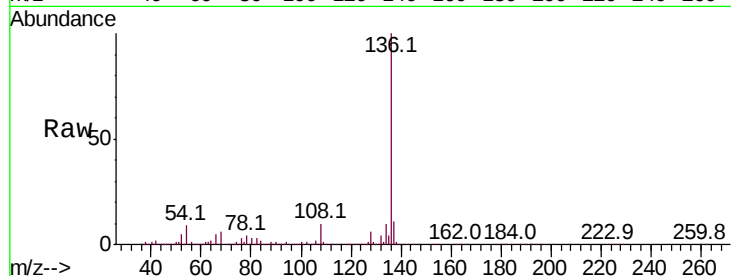




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

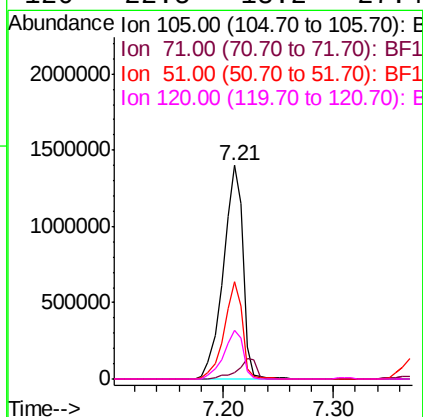
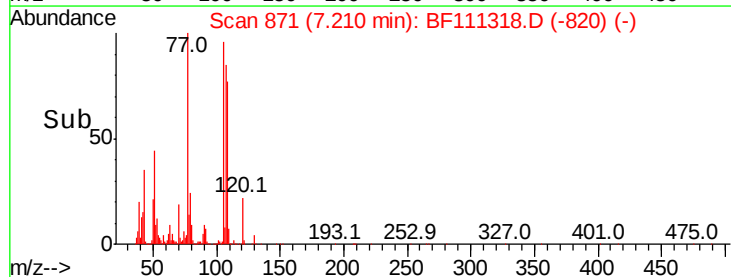
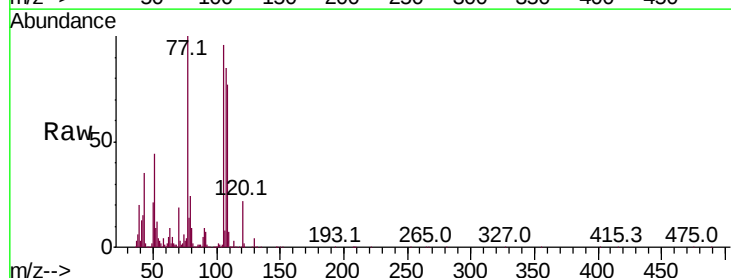
Instrument :
BNA_F
ClientSampleId :

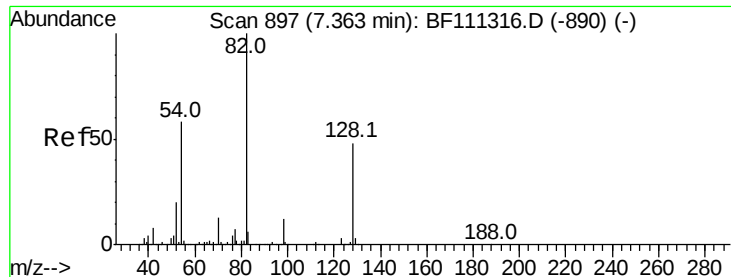
Tot Ion:136 Resp: 1345324
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.4 7.7 11.5
68 5.7 4.9 7.3



#22
Acetophenone
Concen: 56.635 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:105 Resp: 1743362
Ion Ratio Lower Upper
105 100
71 3.3 3.1 4.7
51 45.9 36.6 54.8
120 22.5 18.2 27.4

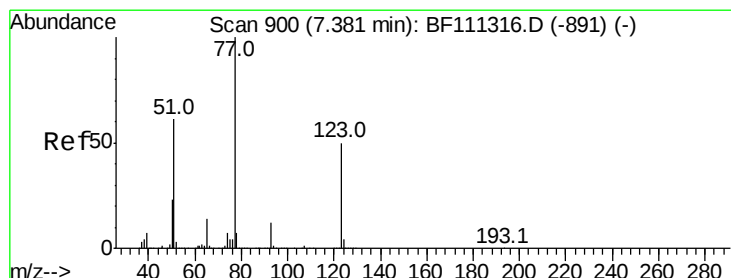
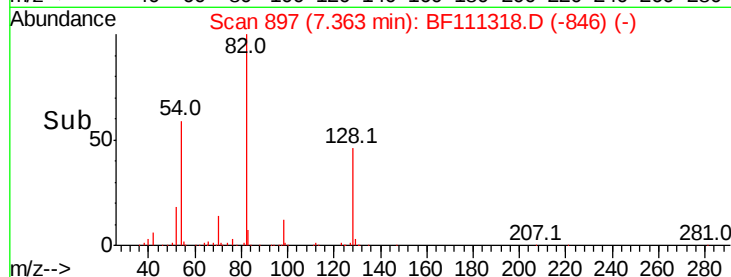
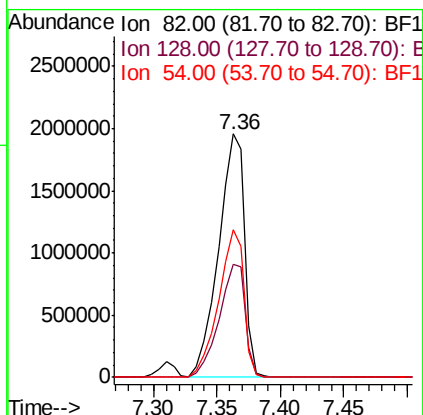
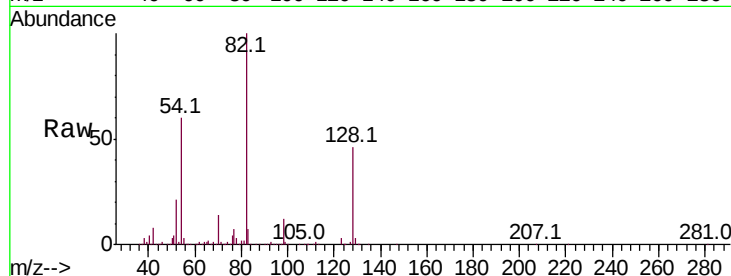




#23
 Nitrobenzene-d5
 Concen: 115.506 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

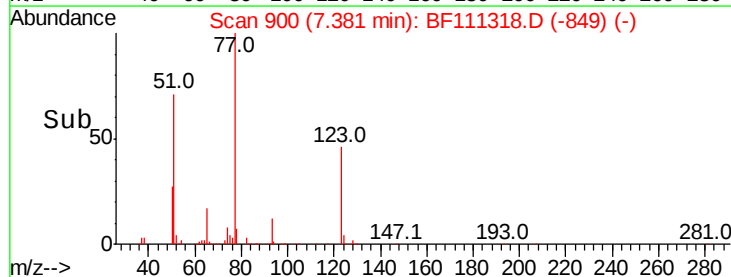
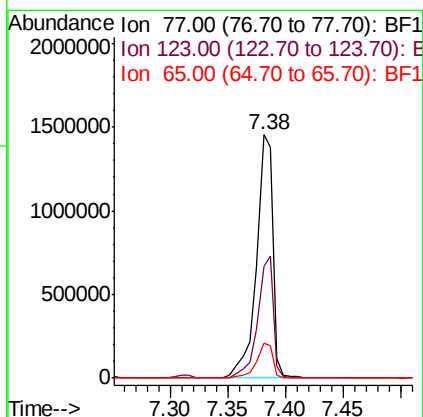
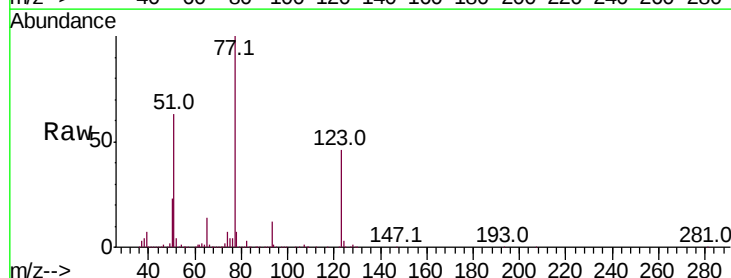
Instrument :
 BNA_F
 ClientSampleId :

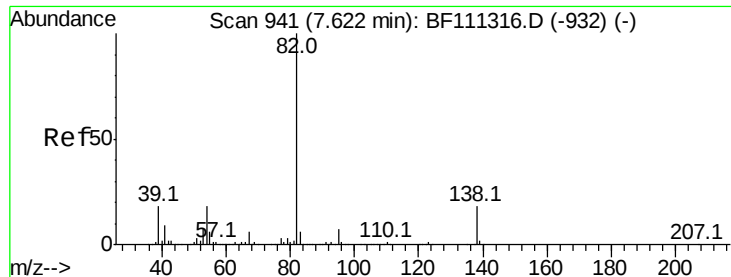
Tot Ion: 82 Resp: 2770493
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.4 56.2
 54 60.4 47.6 71.4



#24
 Nitrobenzene
 Concen: 57.529 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion: 77 Resp: 1436150
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.2 55.8
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 57.779 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

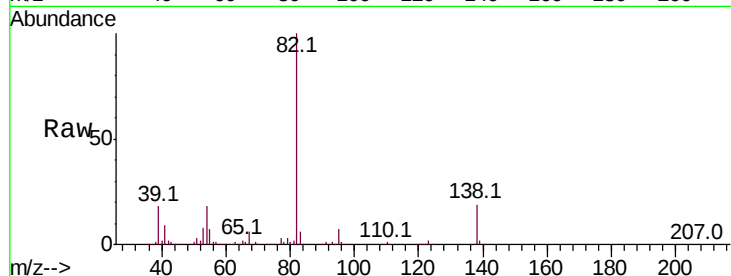
Tot Ion: 82 Resp: 2360437

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

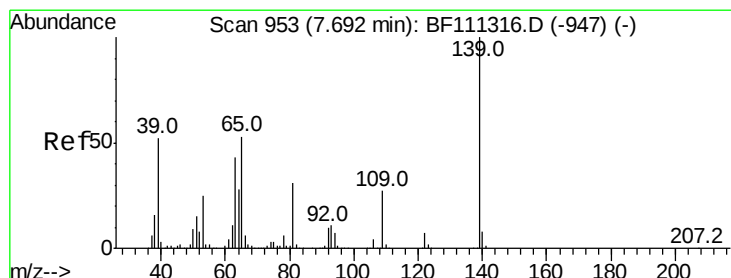
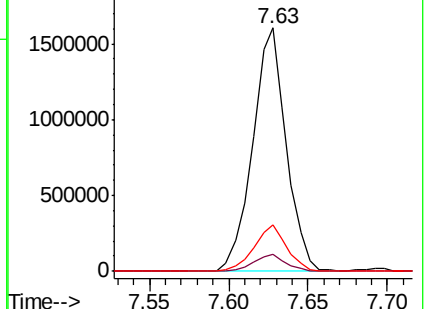
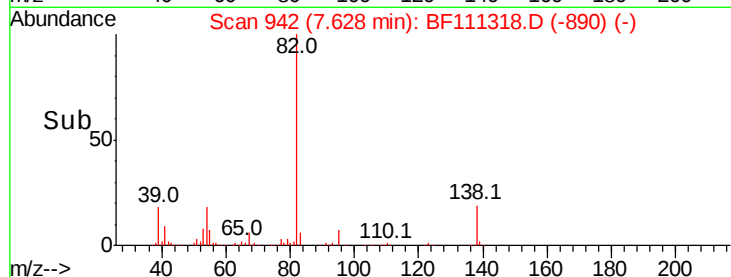
138 19.3 15.1 22.7



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: 59.716 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

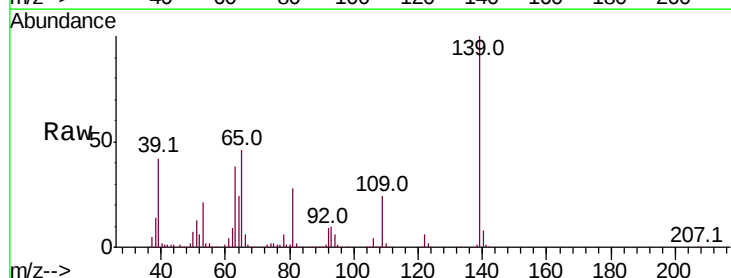
Tgt Ion: 139 Resp: 740664

Ion Ratio Lower Upper

139 100

109 24.5 20.2 30.4

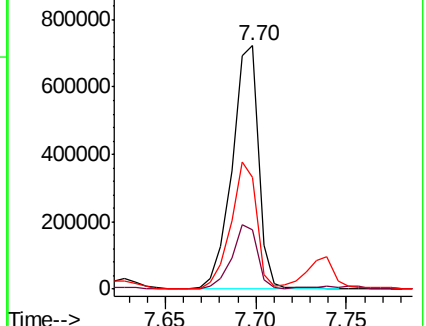
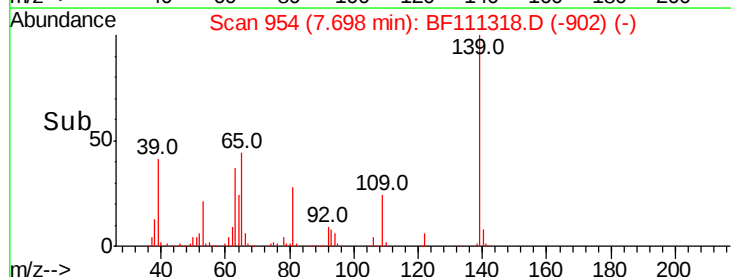
65 45.8 40.7 61.1

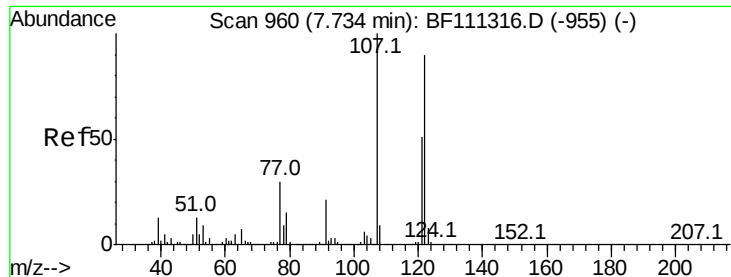


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

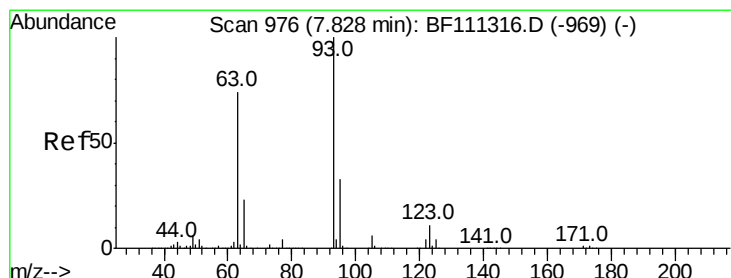
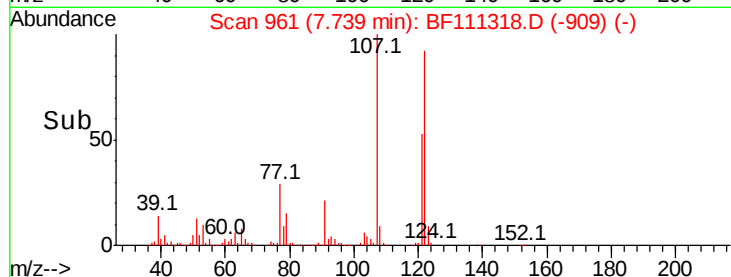
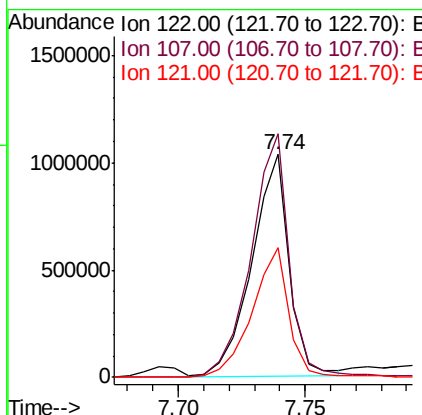
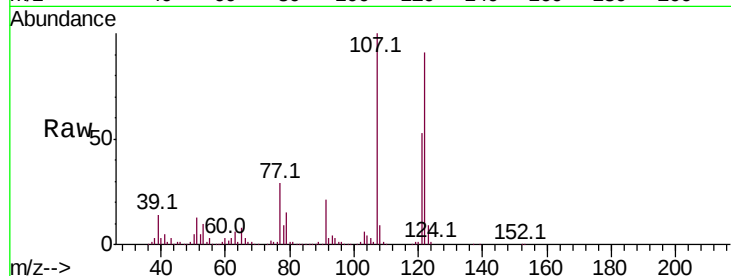




#27
 2,4-Dimethylphenol
 Concen: 55.059 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

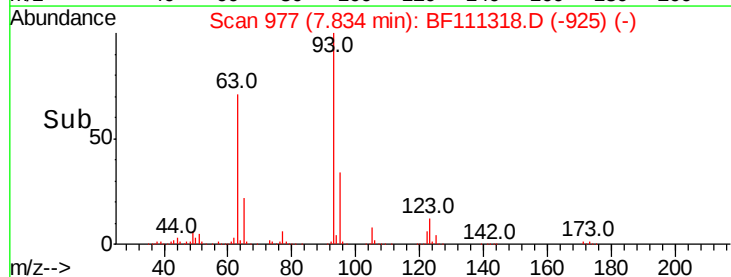
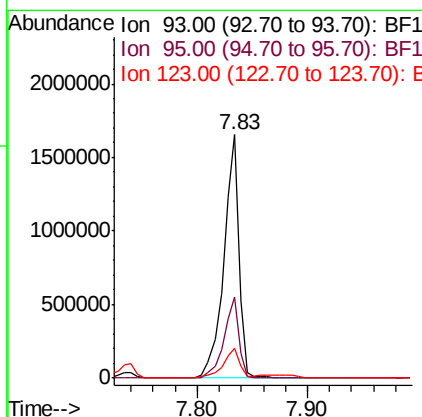
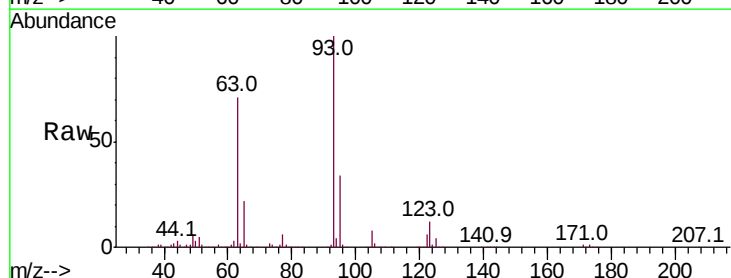
Instrument :
 BNA_F
 ClientSampleId :

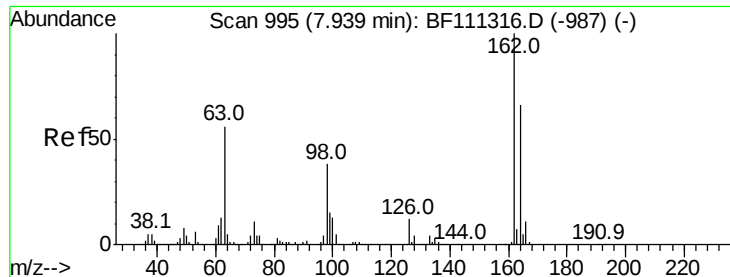
Tot Ion:122 Resp: 1055270
 Ion Ratio Lower Upper
 122 100
 107 109.3 85.5 128.3
 121 58.4 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.640 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion: 93 Resp: 1574045
 Ion Ratio Lower Upper
 93 100
 95 33.6 27.1 40.7
 123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 56.660 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

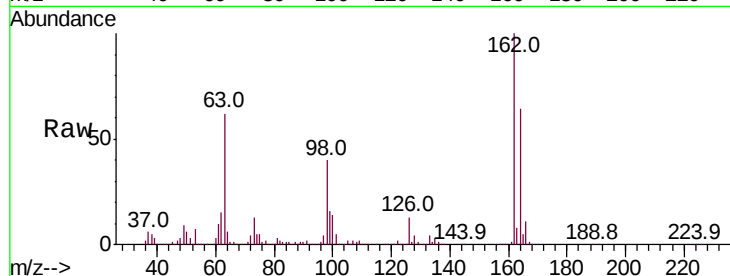
Tot Ion:162 Resp: 1110398

Ion Ratio Lower Upper

162 100

164 64.2 44.4 84.4

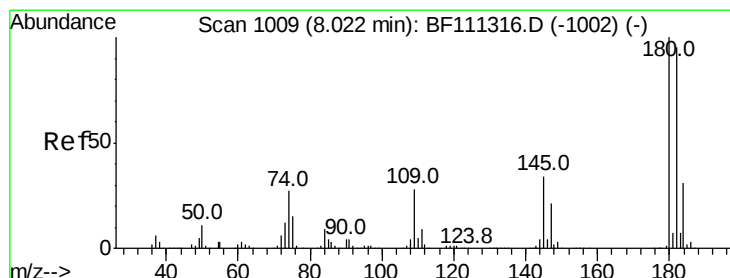
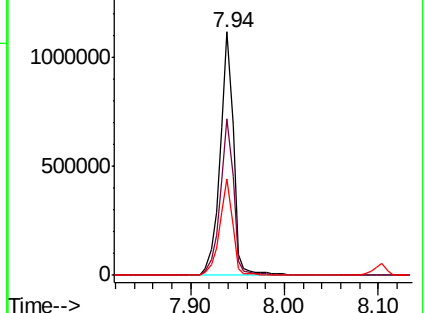
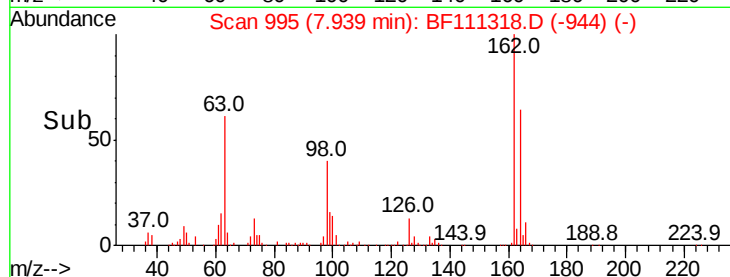
98 39.6 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

1500000 Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 58.036 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

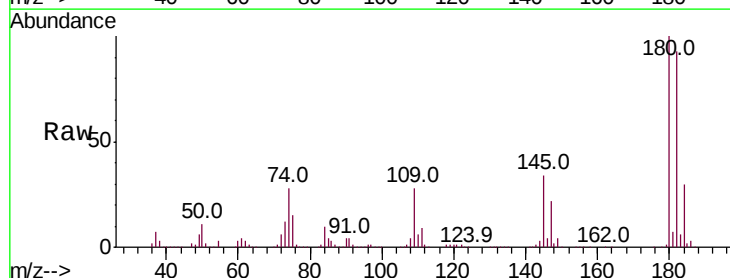
Tgt Ion:180 Resp: 1120335

Ion Ratio Lower Upper

180 100

182 92.5 75.6 113.4

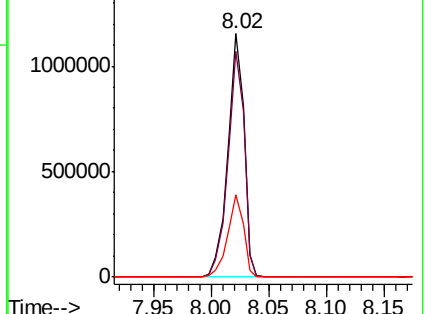
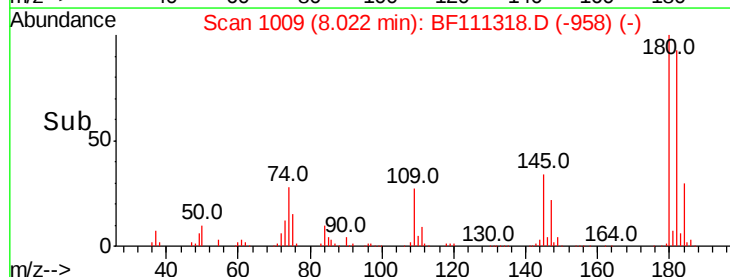
145 34.0 26.7 40.1

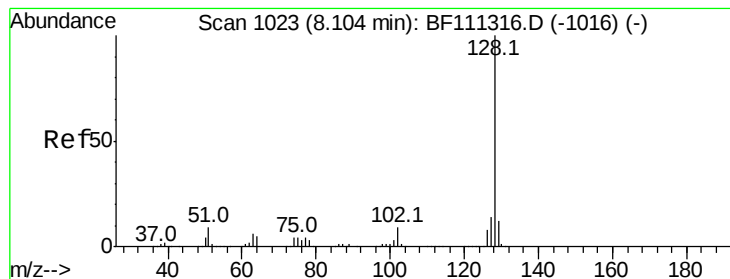


Abundance Ion 180.00 (179.70 to 180.70): E

1500000 Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 58.242 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampled :

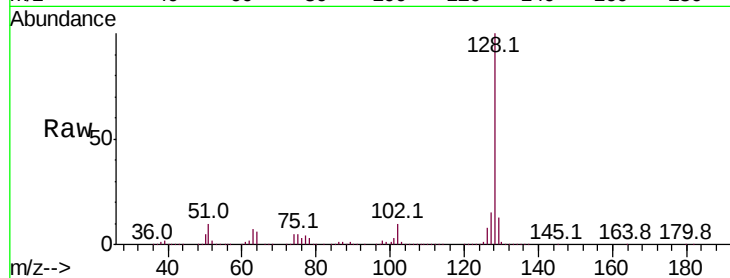
Tot Ion:128 Resp: 3419700

Ion Ratio Lower Upper

128 100

129 12.6 9.8 14.8

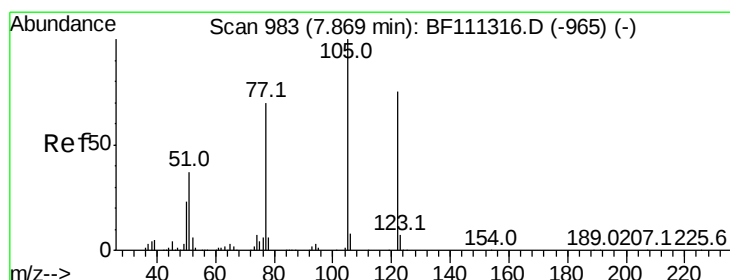
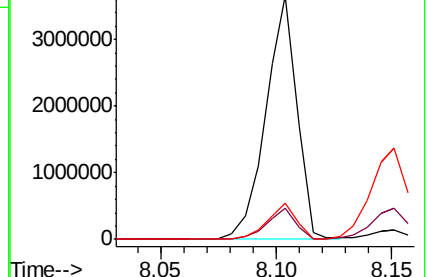
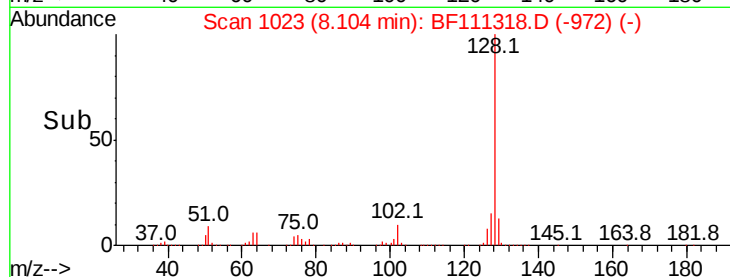
127 14.8 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.472 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

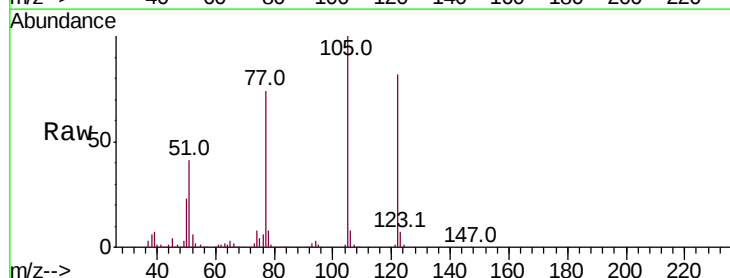
Tgt Ion:122 Resp: 831637

Ion Ratio Lower Upper

122 100

105 121.8 97.0 137.0

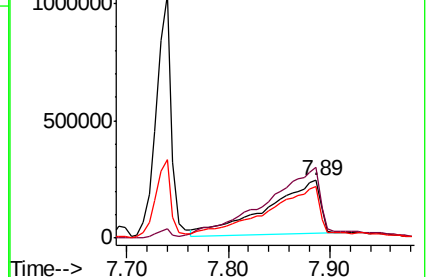
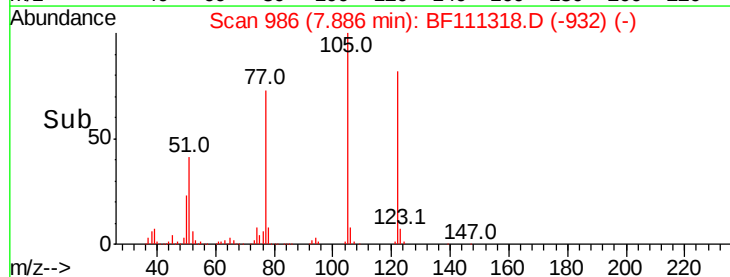
77 89.6 65.7 105.7

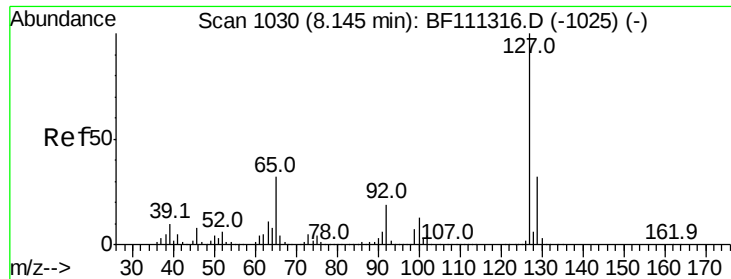


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

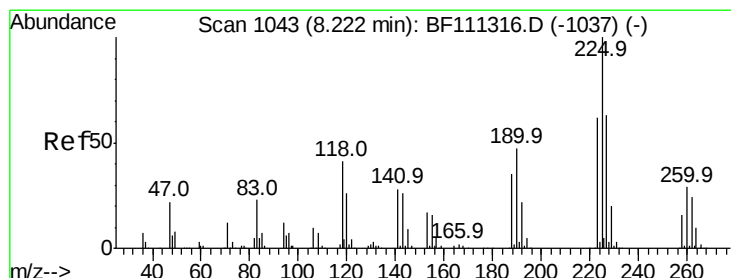
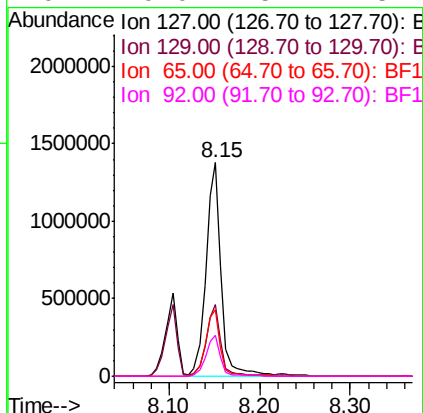
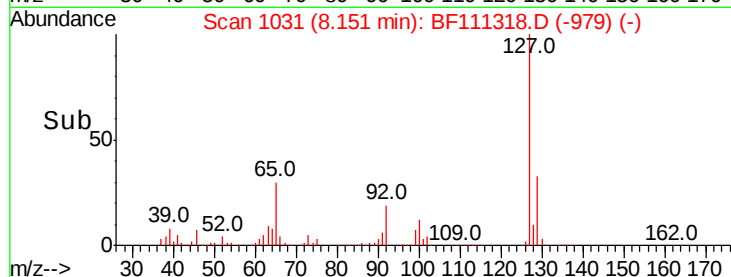
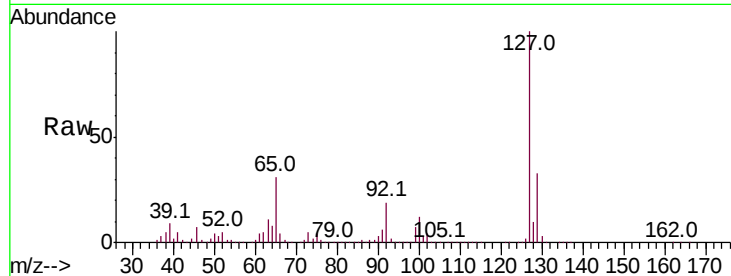




#33
4-Chloroaniline
Concen: 57.587 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

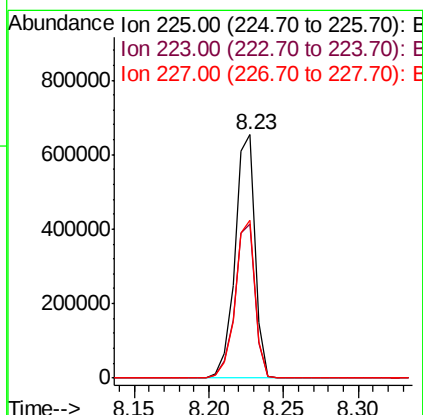
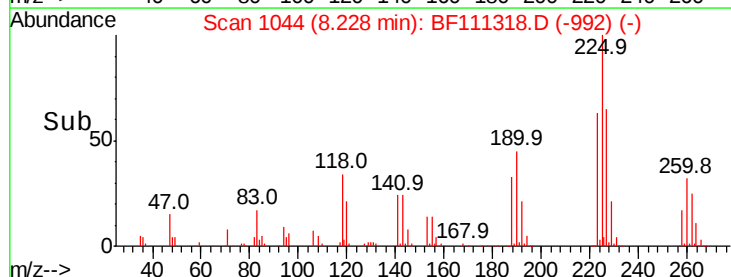
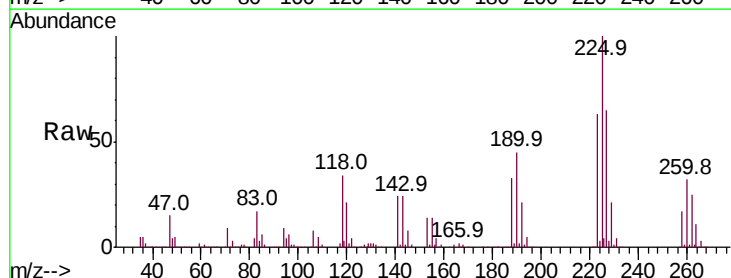
Instrument :
BNA_F
ClientSampleId :

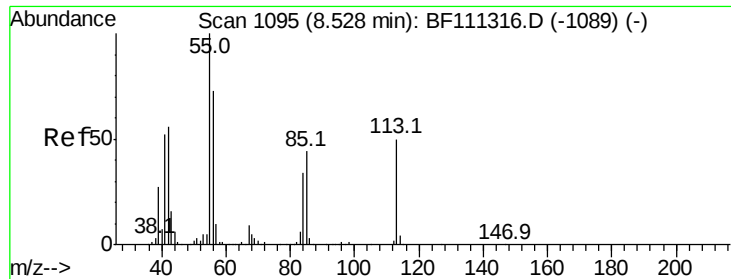
Tot Ion:127 Resp: 1624000
Ion Ratio Lower Upper
127 100
129 33.5 26.6 39.8
65 30.9 25.7 38.5
92 19.0 15.4 23.2



#34
Hexachlorobutadiene
Concen: 58.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:225 Resp: 618039
Ion Ratio Lower Upper
225 100
223 63.4 50.7 76.1
227 64.7 52.6 78.8





#35

Caprolactam

Concen: 57.277 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.02 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

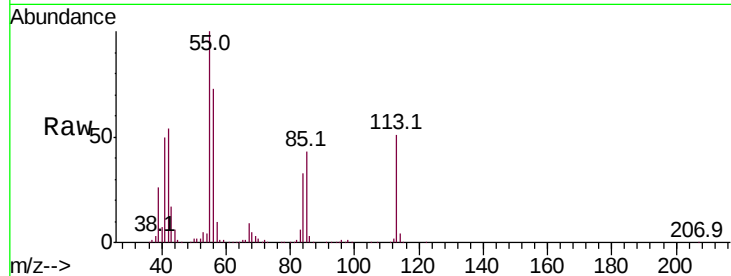
Tot Ion:113 Resp: 397756

Ion Ratio Lower Upper

113 100

55 197.3 184.1 224.1

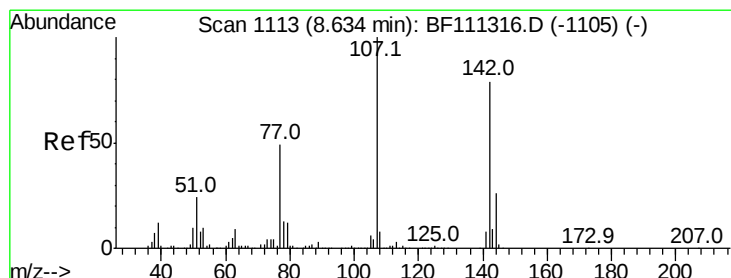
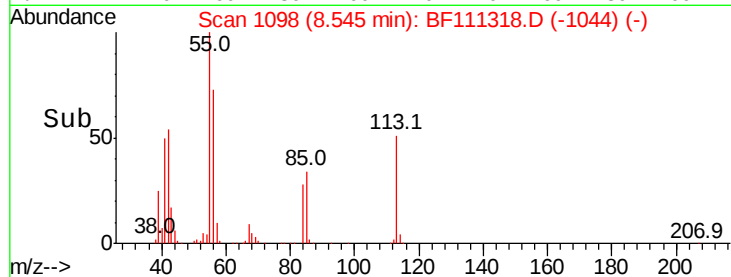
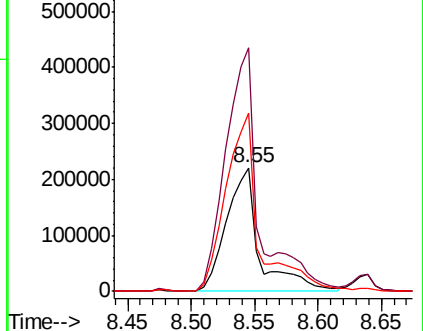
56 144.3 126.0 166.0



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: 58.135 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

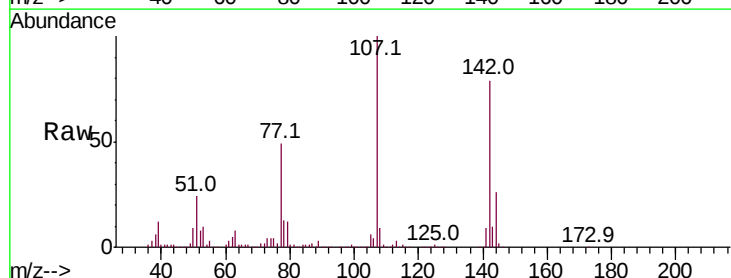
Tgt Ion:107 Resp: 1166500

Ion Ratio Lower Upper

107 100

144 25.7 19.8 29.6

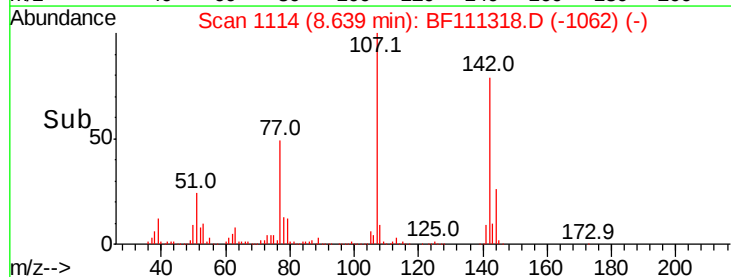
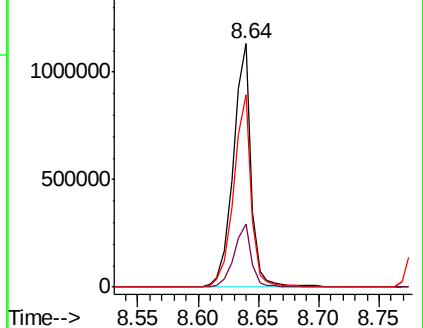
142 78.8 62.3 93.5

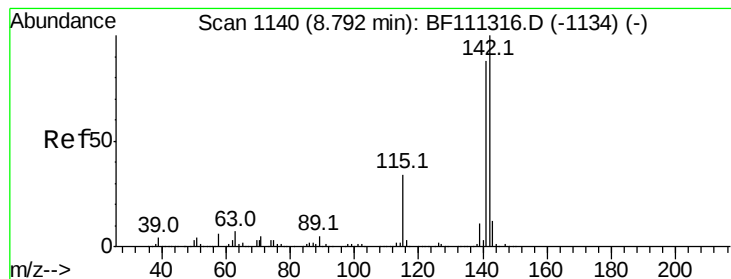


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.250 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

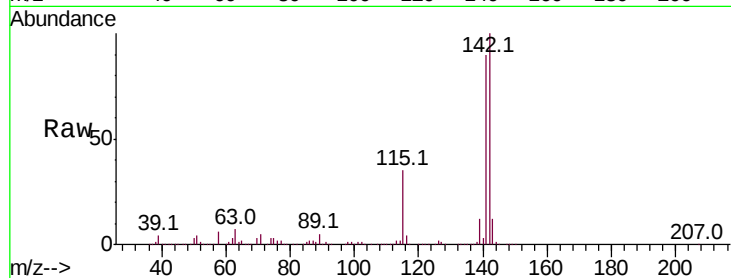
Tot Ion:142 Resp: 2231749

Ion Ratio Lower Upper

142 100

141 89.9 70.6 105.8

115 35.2 27.0 40.6

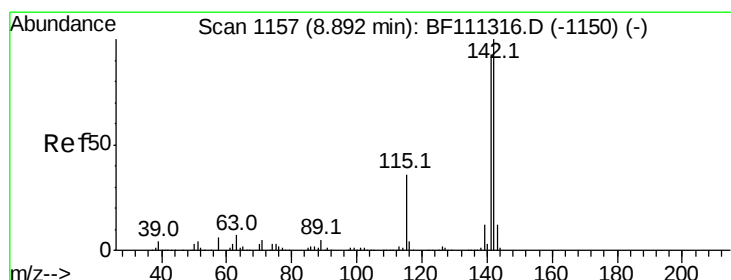
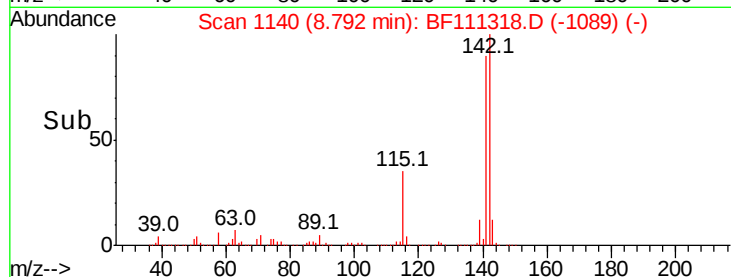
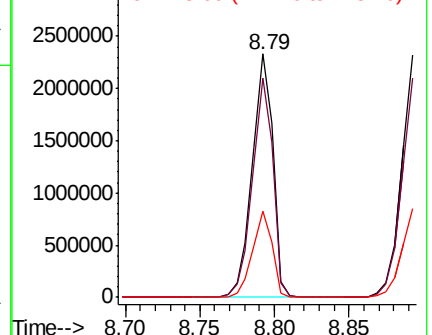


Abundance

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: 56.454 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

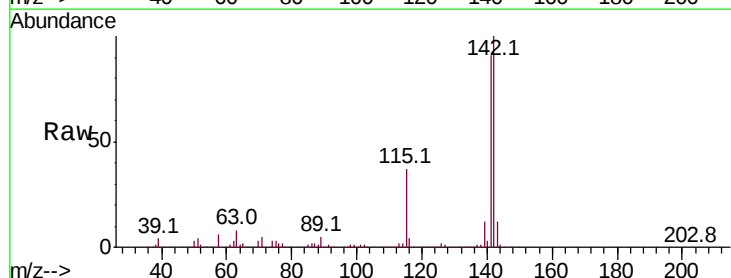
Tgt Ion:142 Resp: 2155151

Ion Ratio Lower Upper

142 100

141 90.9 74.2 111.4

116 3.9 2.9 4.3

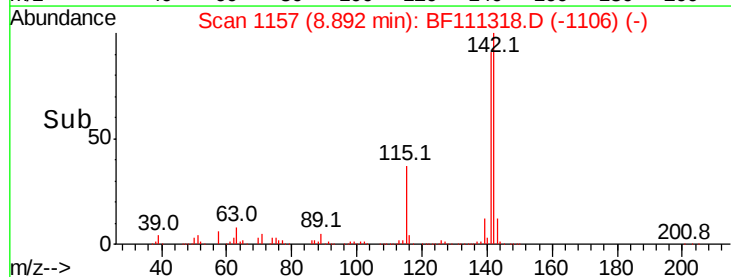
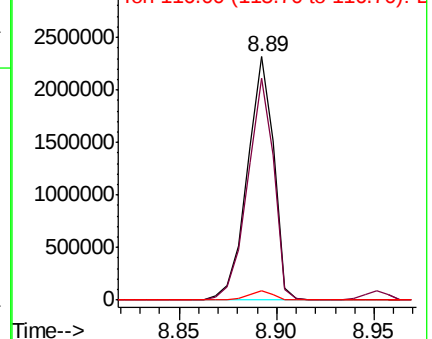


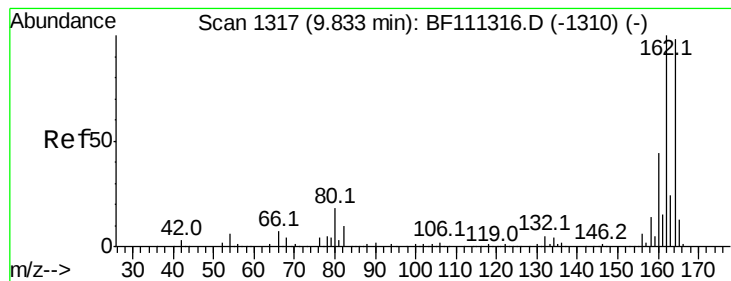
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

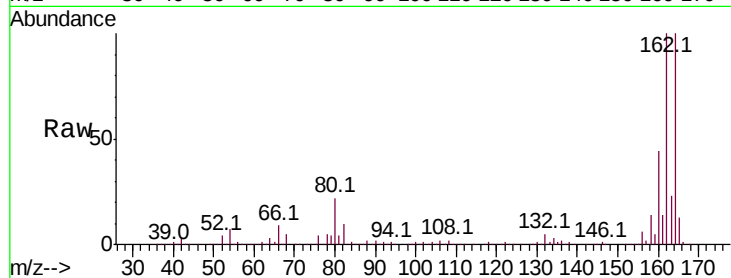
Tot Ion:164 Resp: 604645

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

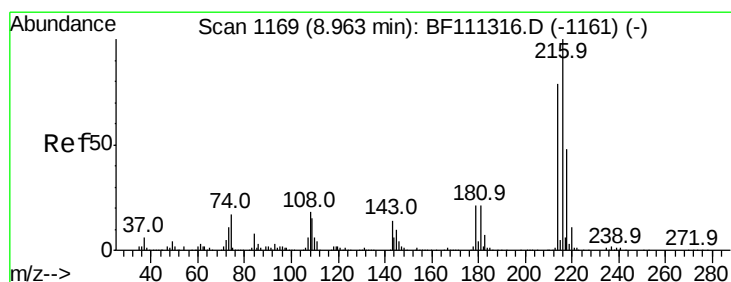
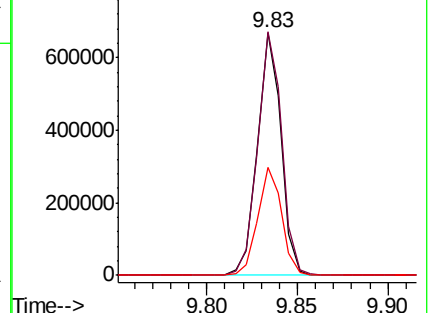
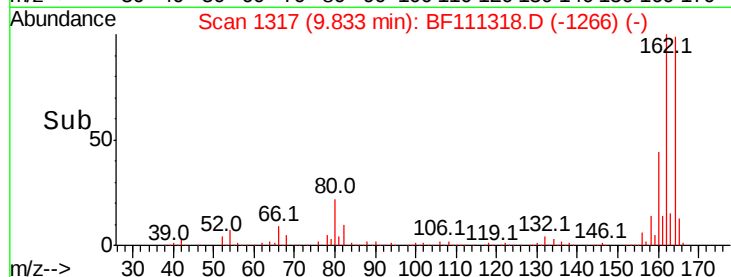
160 44.6 35.7 53.5



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: 56.782 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:216 Resp: 955330

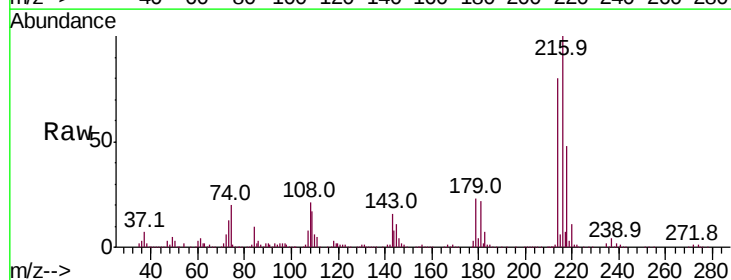
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 22.8 17.9 26.9

108 22.5 18.4 27.6

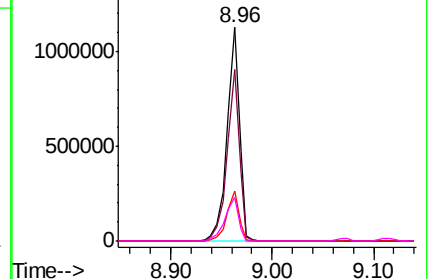
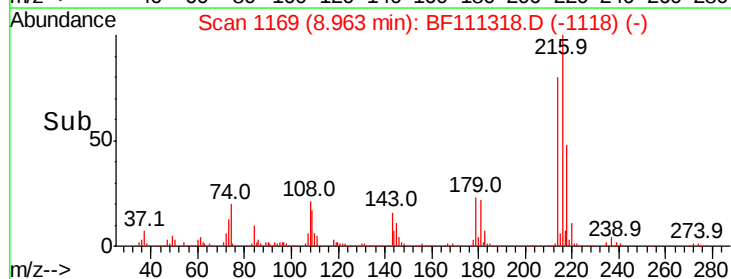


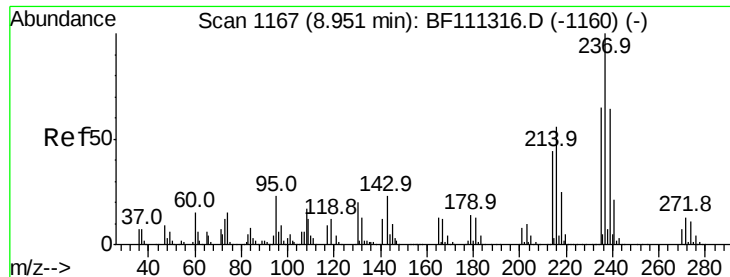
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.932 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

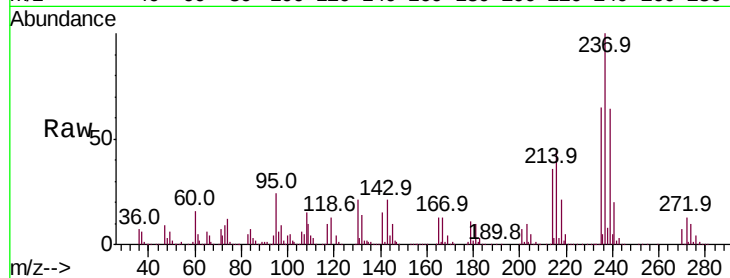
Tot Ion:237 Resp: 526334

Ion Ratio Lower Upper

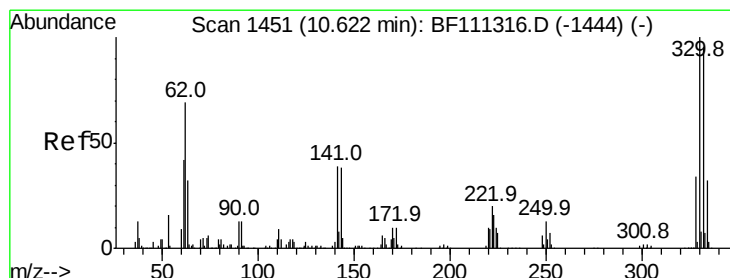
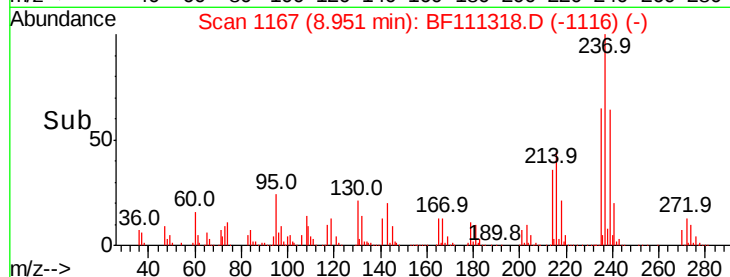
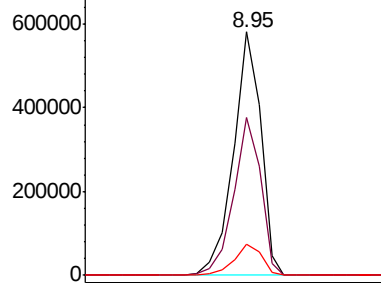
237 100

235 65.0 43.1 83.1

272 12.6 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: 112.842 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

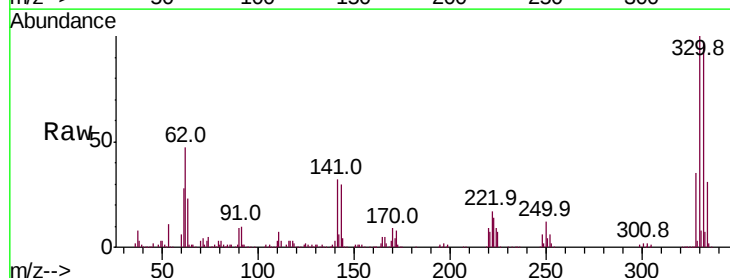
Tgt Ion:330 Resp: 604386

Ion Ratio Lower Upper

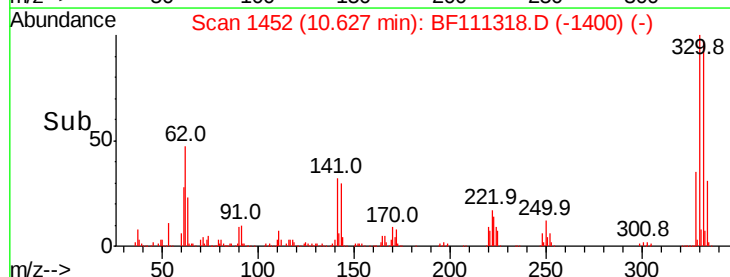
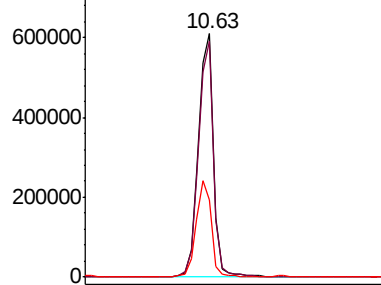
330 100

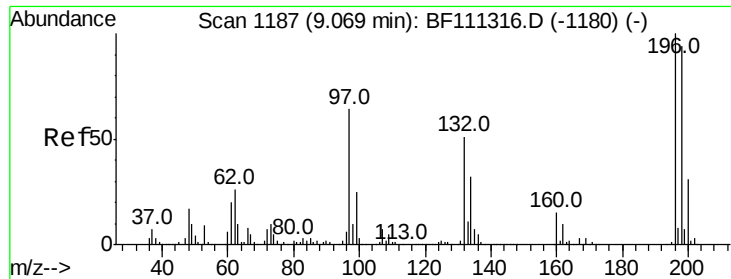
332 96.6 76.0 114.0

141 39.8 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

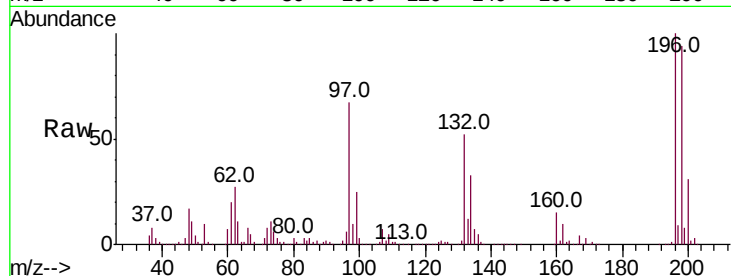




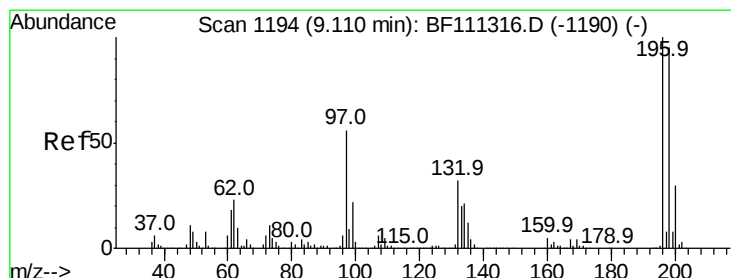
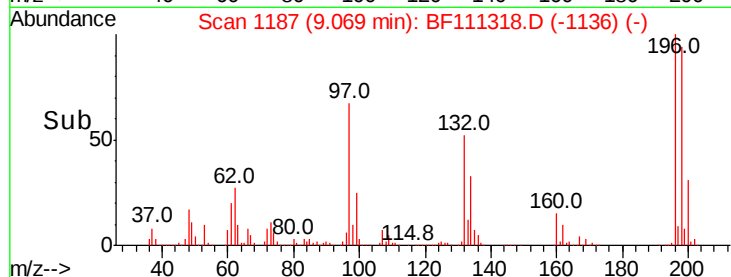
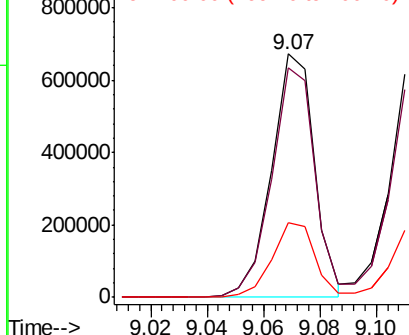
#43
2,4,6-Trichlorophenol
Concen: 56.079 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 708219
Ion Ratio Lower Upper
196 100
198 94.0 76.3 114.5
200 30.5 24.9 37.3

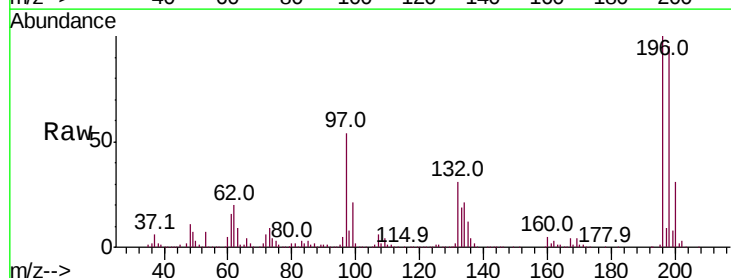


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

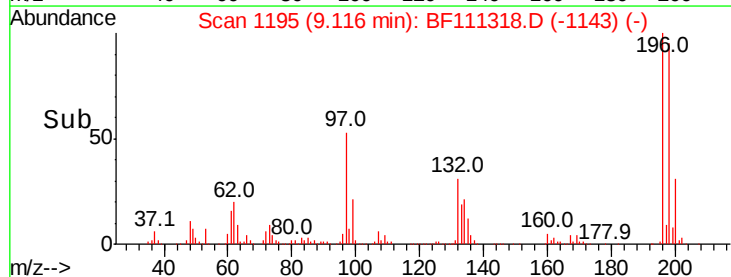
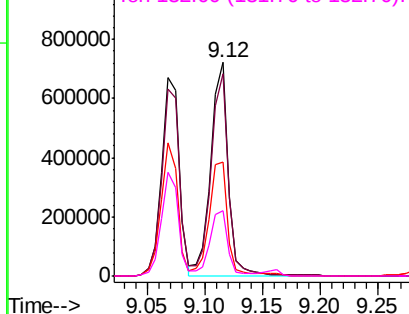


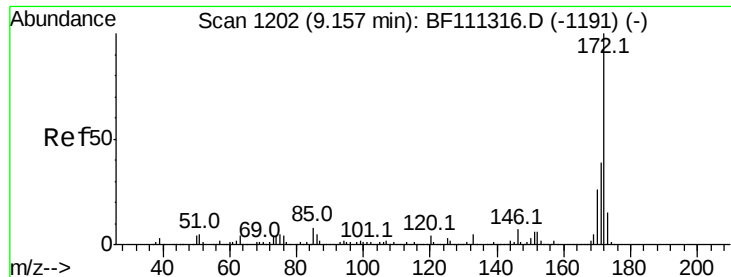
#44
2,4,5-Trichlorophenol
Concen: 57.635 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:196 Resp: 758231
Ion Ratio Lower Upper
196 100
198 94.9 72.9 109.3
97 53.5 45.3 67.9
132 30.8 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

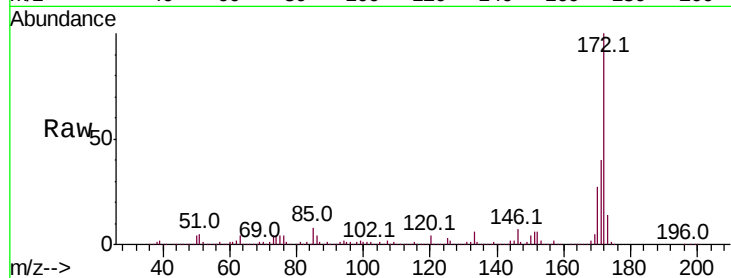




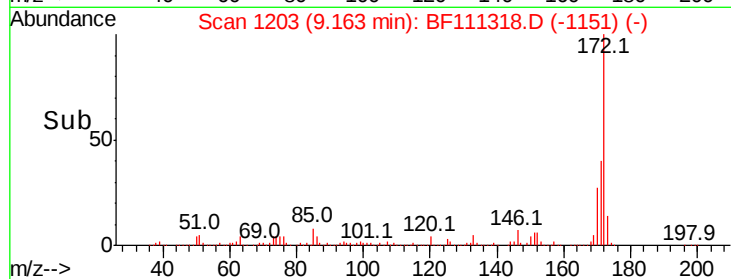
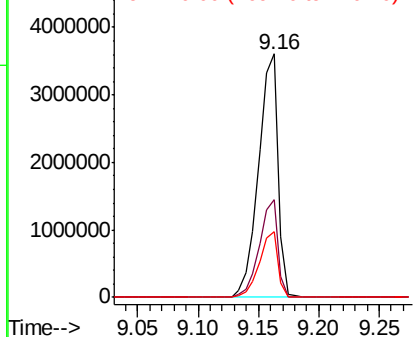
#45
2-Fluorobiphenyl
Concen: 106.840 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4095238
Ion Ratio Lower Upper
172 100
171 40.0 33.0 49.4
170 27.2 22.3 33.5

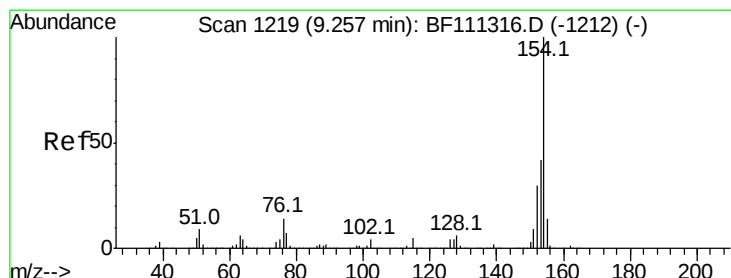


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

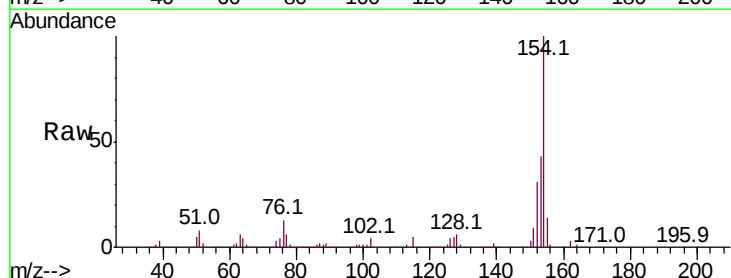
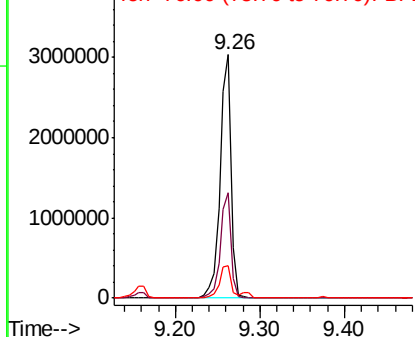


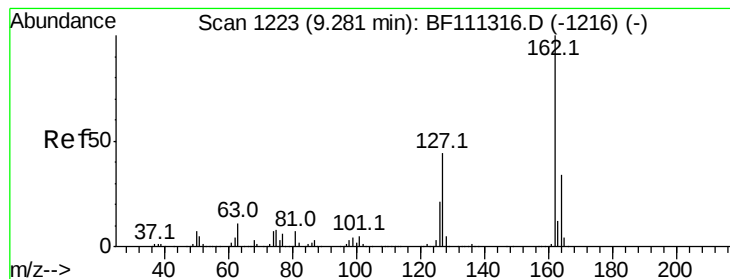
#46
1,1'-Biphenyl
Concen: 55.157 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:154 Resp: 2803443
Ion Ratio Lower Upper
154 100
153 43.2 23.7 63.7
76 13.3 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: 56.677 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampled :

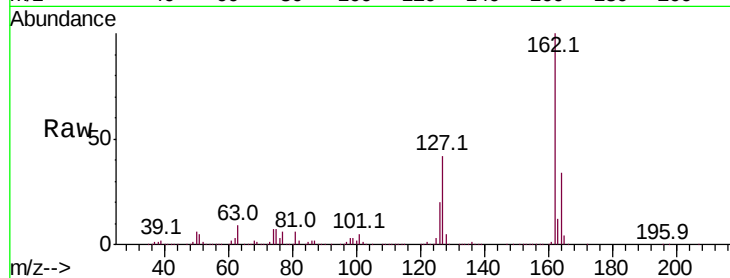
Tot Ion:162 Resp: 2242305

Ion Ratio Lower Upper

162 100

127 41.8 35.0 52.4

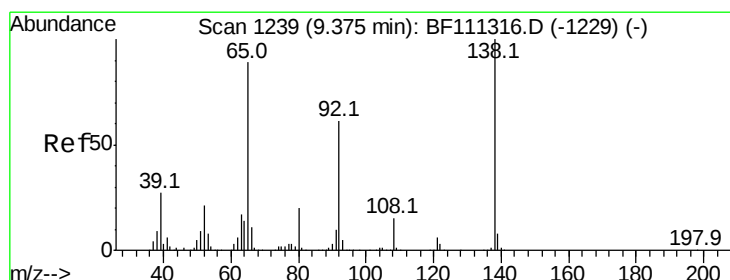
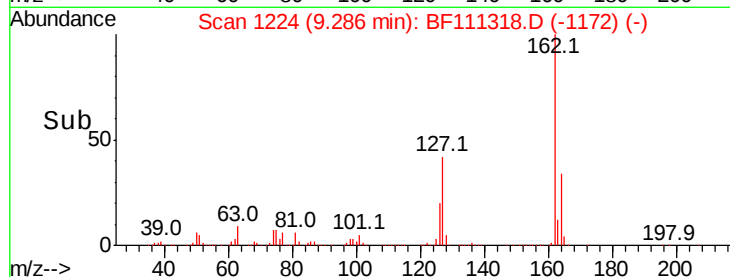
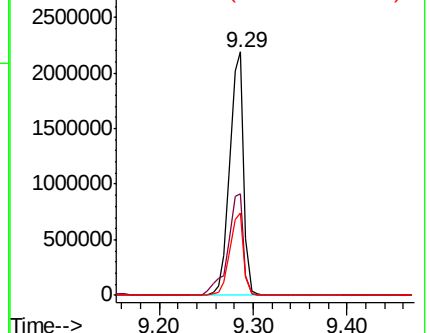
164 34.0 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 57.410 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

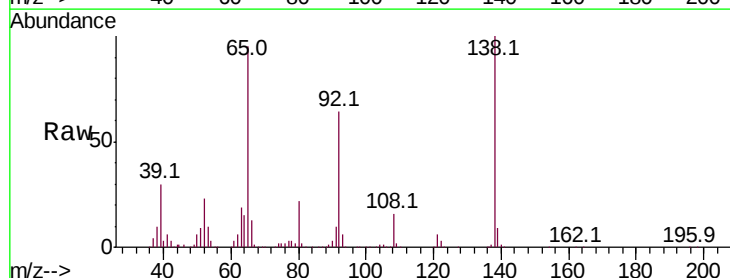
Tgt Ion: 65 Resp: 774803

Ion Ratio Lower Upper

65 100

92 67.1 53.5 80.3

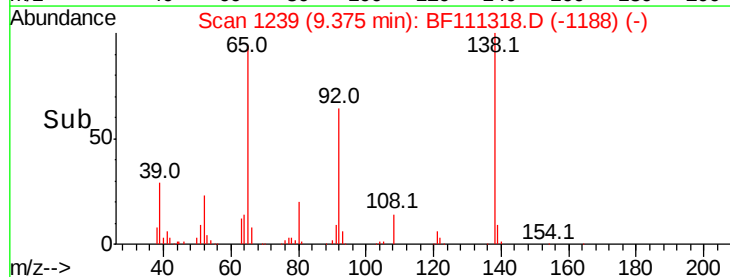
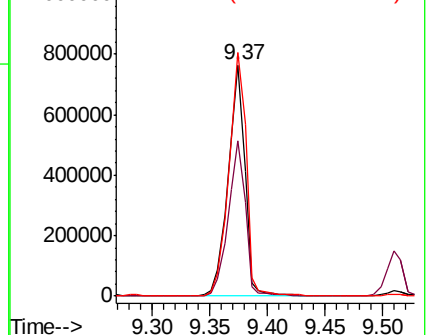
138 105.2 80.9 121.3

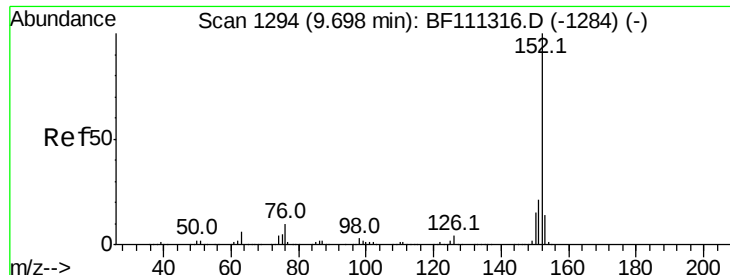


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 56.271 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

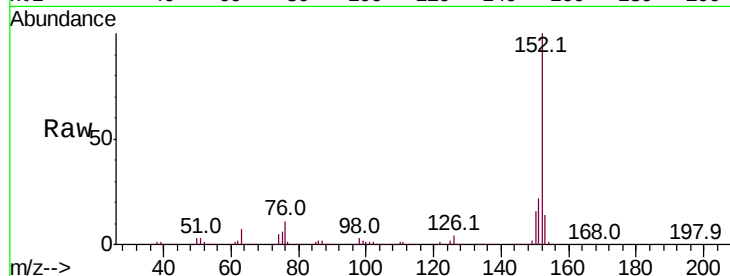
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3231914

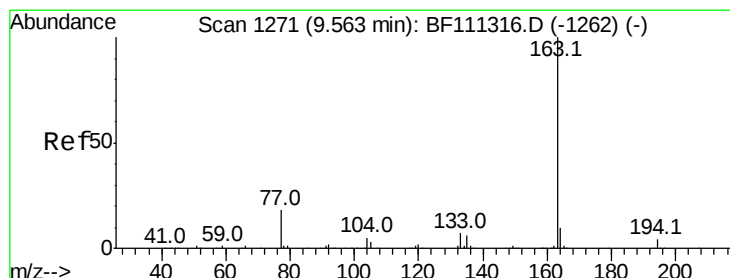
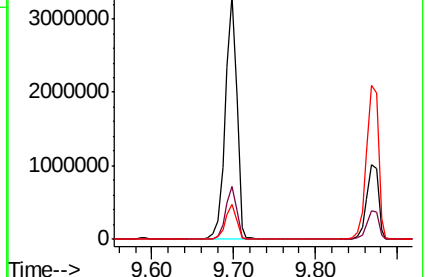
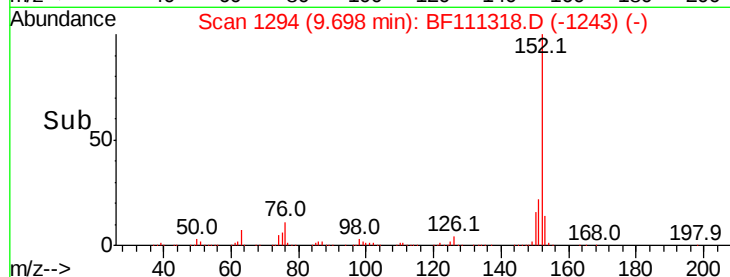
Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.0	27.0
153	14.4	12.3	18.5



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: 55.675 ng

RT: 9.56 min Scan# 1271

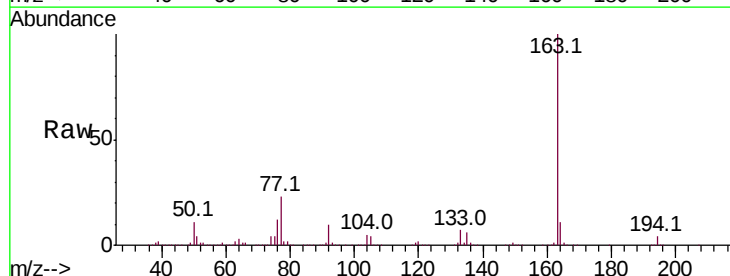
Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:163 Resp: 2483872

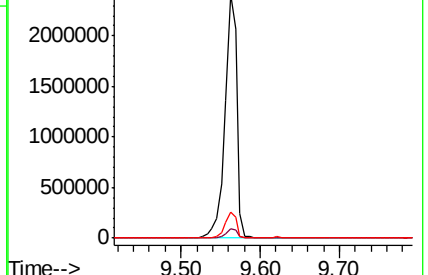
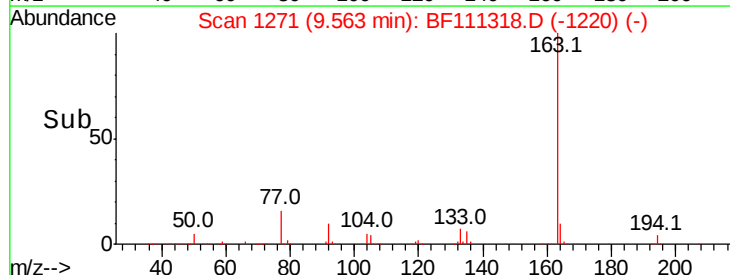
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.9	13.3

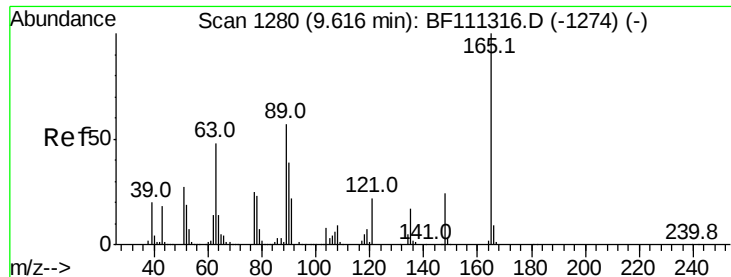


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

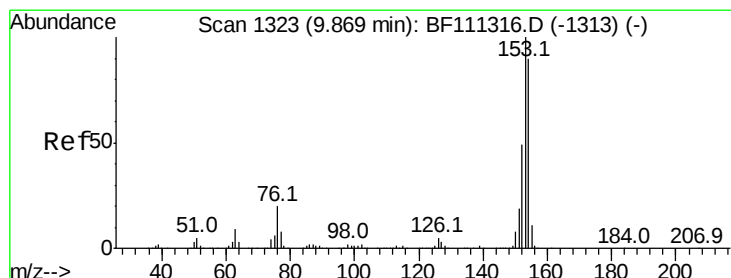
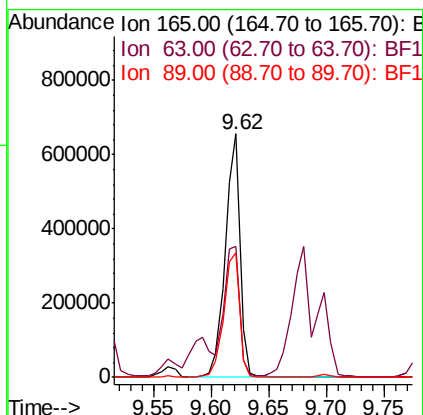
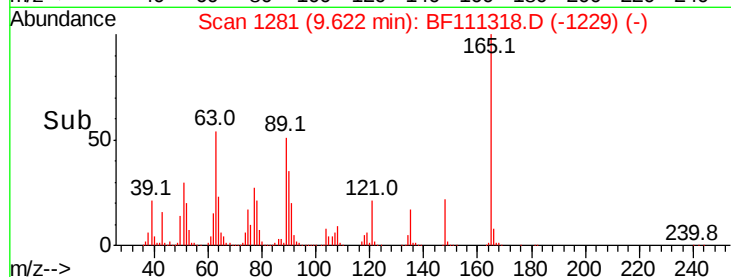
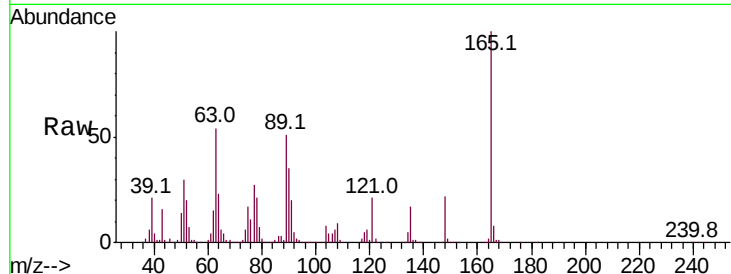




#51
 2,6-Dinitrotoluene
 Concen: 59.526 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

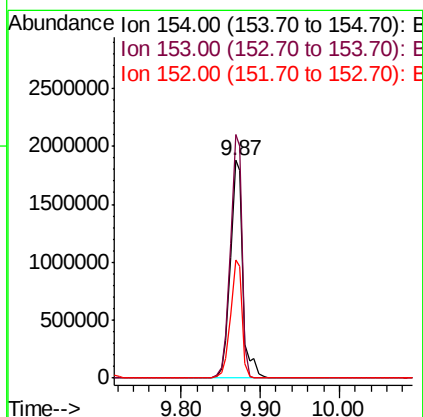
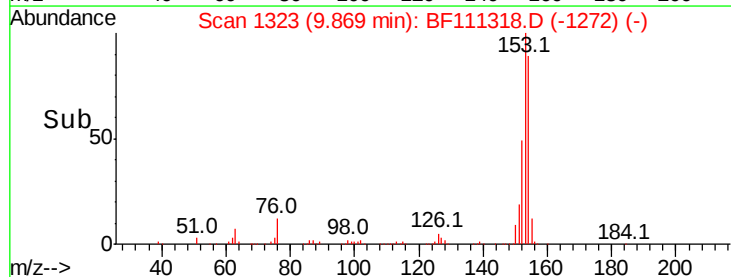
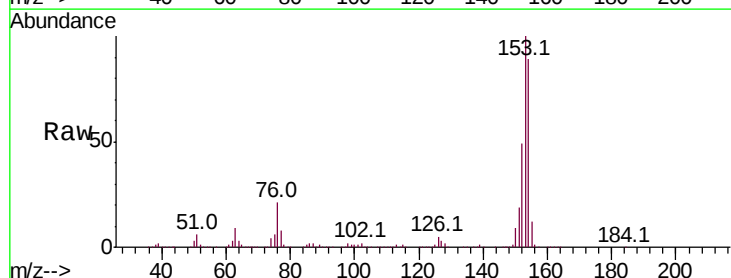
Instrument :
 BNA_F
 ClientSampleId :

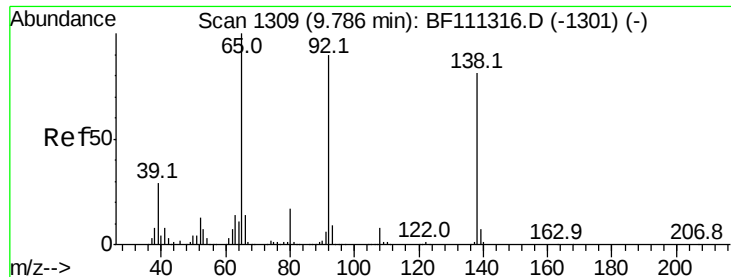
Tot Ion:165 Resp: 586481
 Ion Ratio Lower Upper
 165 100
 63 54.0 40.5 60.7
 89 51.4 40.0 60.0



#52
 Acenaphthene
 Concen: 57.434 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion:154 Resp: 2070093
 Ion Ratio Lower Upper
 154 100
 153 111.7 87.8 131.8
 152 54.5 43.4 65.2

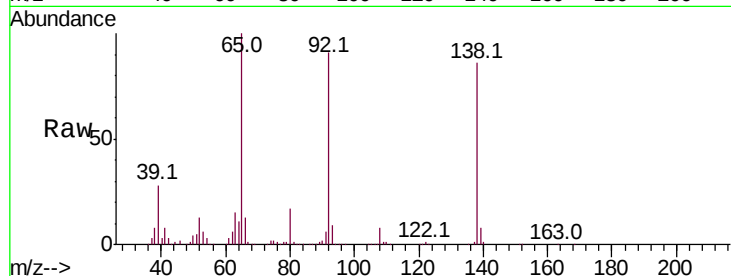




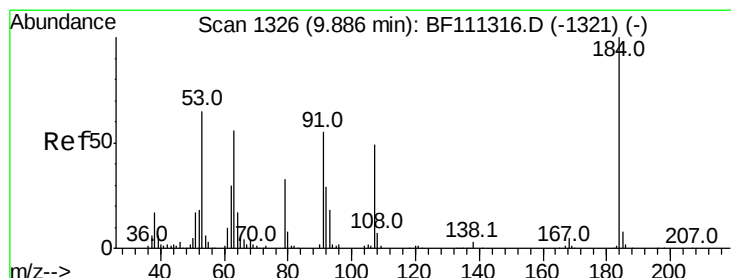
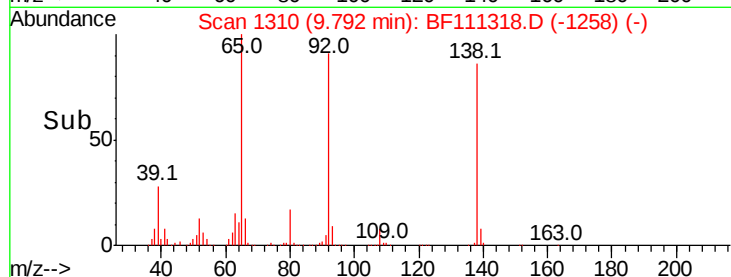
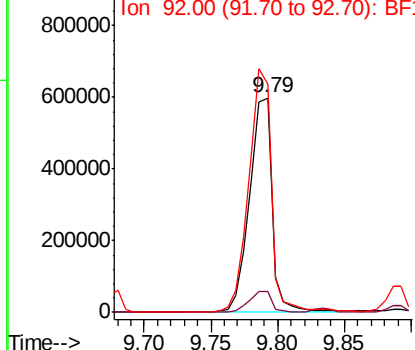
#53
3-Nitroaniline
Concen: 57.009 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 693299
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.4
92 106.3 93.4 140.2

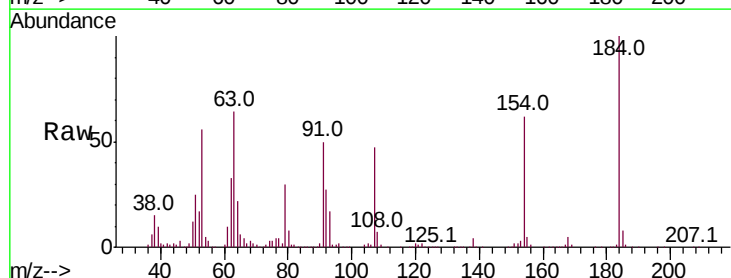


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

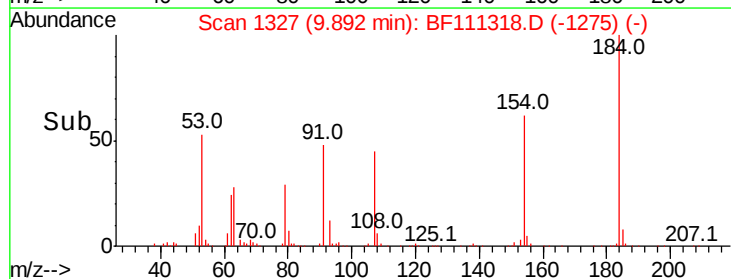
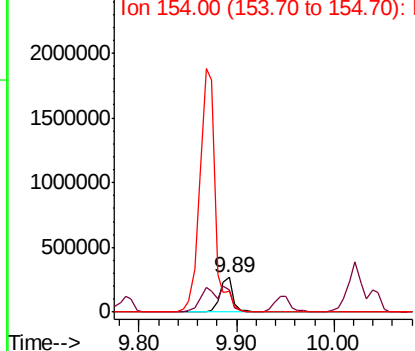


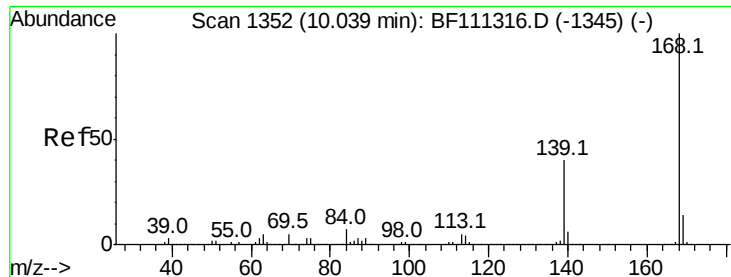
#54
2,4-Dinitrophenol
Concen: 65.342 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:184 Resp: 254405
Ion Ratio Lower Upper
184 100
63 64.4 62.3 93.5
154 62.1 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: 59.437 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

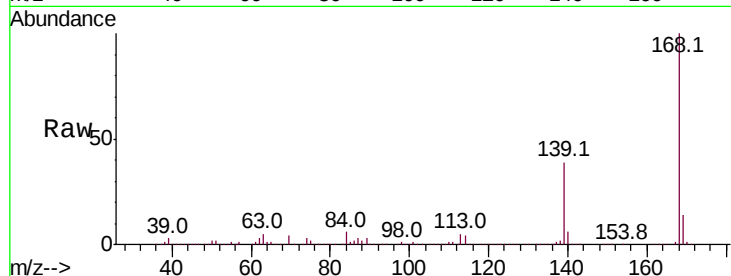
Tot Ion:168 Resp: 2914490

Ion Ratio Lower Upper

168 100

139 39.3 32.6 49.0

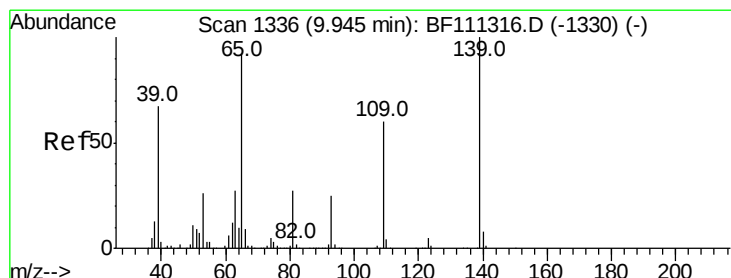
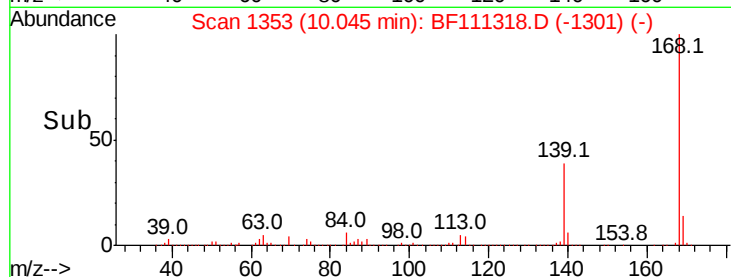
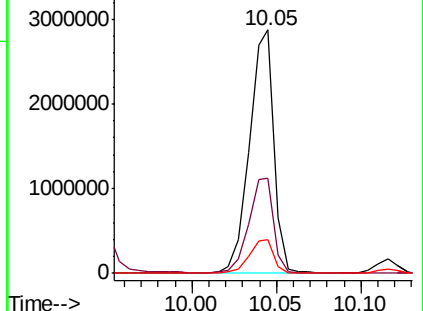
169 14.1 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 55.867 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

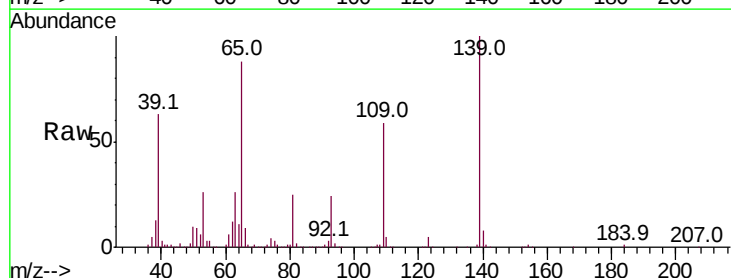
Tgt Ion:139 Resp: 529140

Ion Ratio Lower Upper

139 100

109 58.8 41.8 81.8

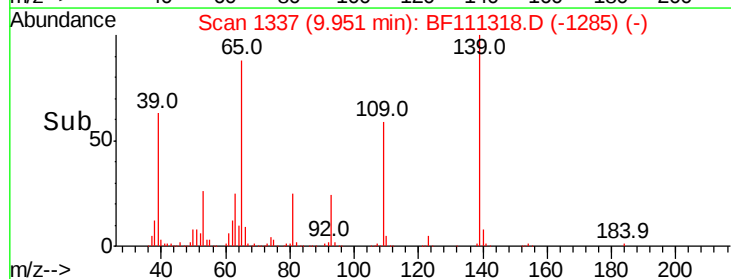
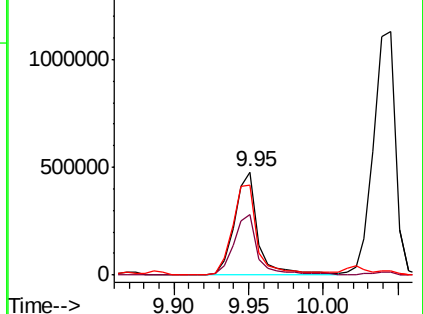
65 88.0 79.6 119.6

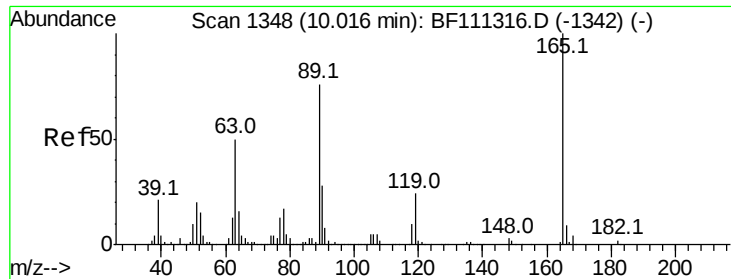


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

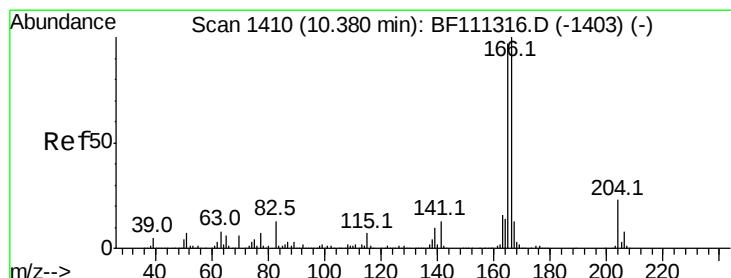
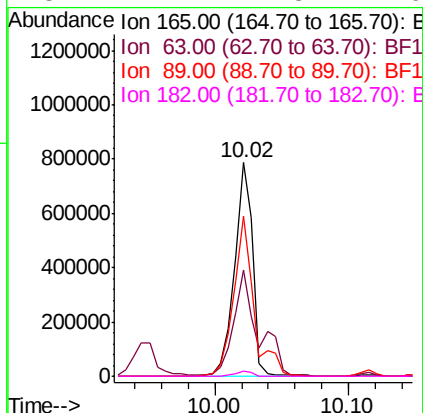
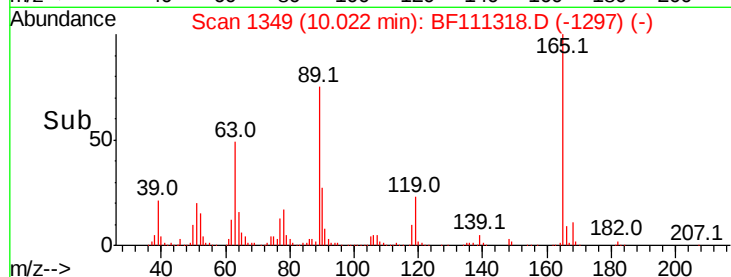
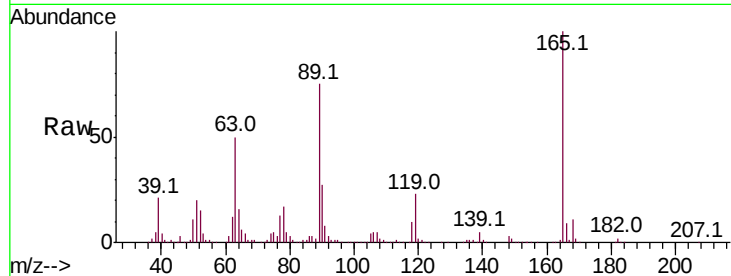




#57
2,4-Dinitrotoluene
Concen: 62.192 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

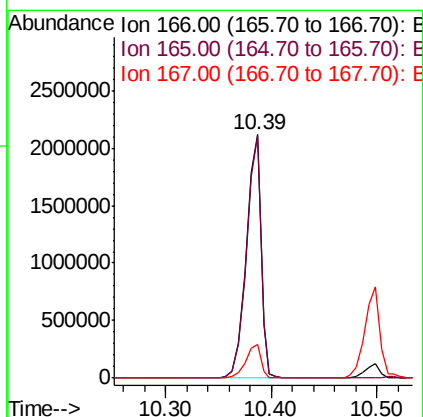
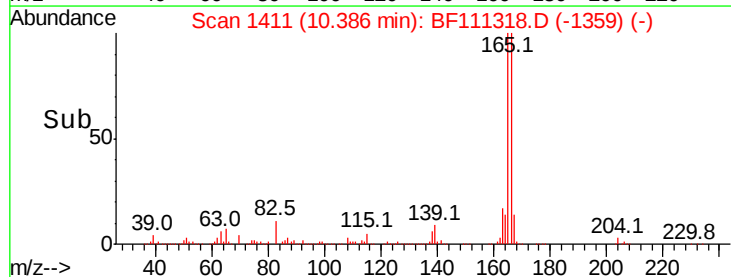
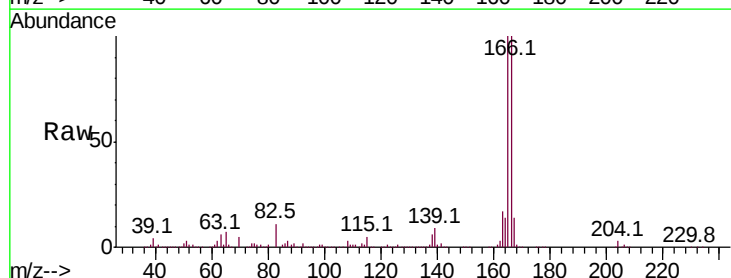
Instrument :
BNA_F
ClientSampleId :

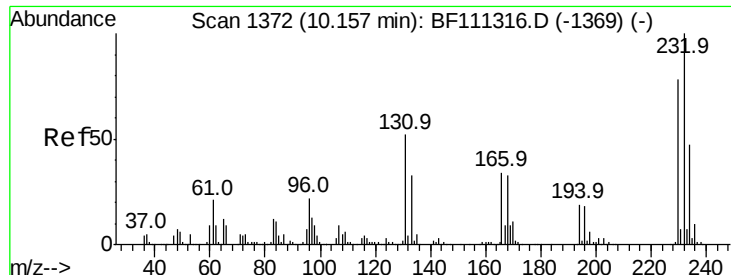
Tot Ion:165 Resp: 755387
Ion Ratio Lower Upper
165 100
63 49.7 34.6 52.0
89 74.9 56.2 84.4
182 2.4 1.8 2.6



#58
Fluorene
Concen: 53.345 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:166 Resp: 2024166
Ion Ratio Lower Upper
166 100
165 99.6 78.4 117.6
167 13.7 11.2 16.8

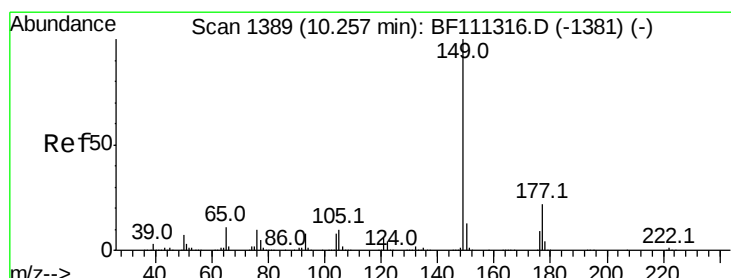
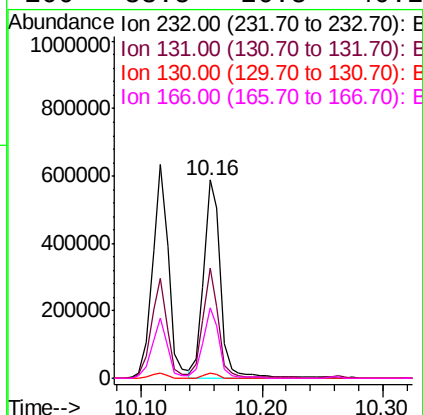
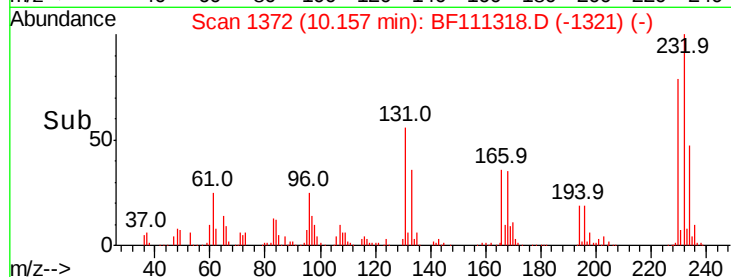
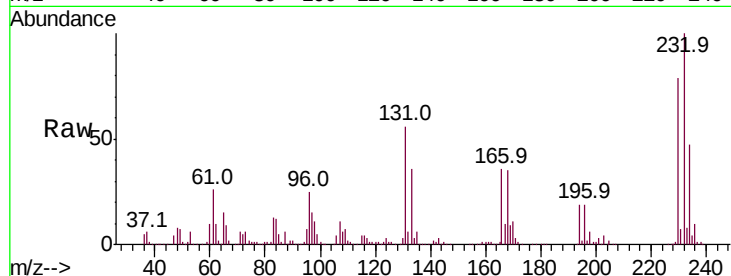




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.315 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

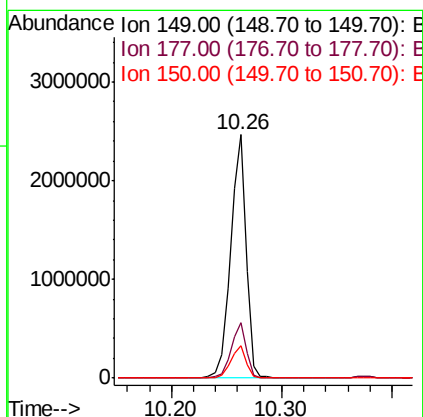
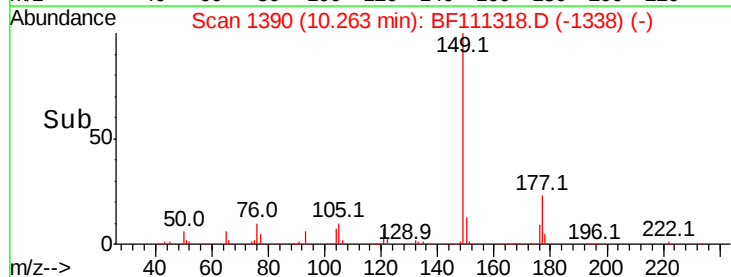
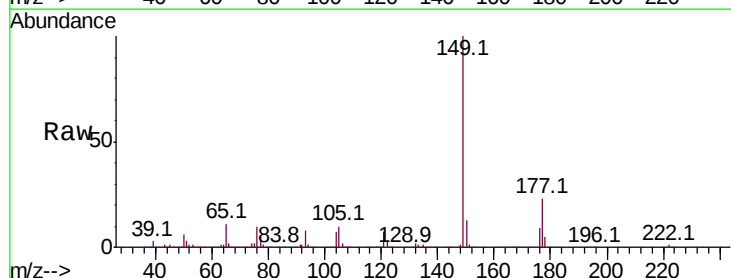
Instrument :
BNA_F
ClientSampled :

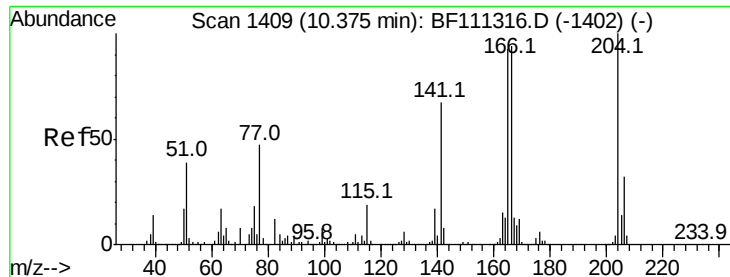
Tot Ion	Ratio	Lower	Upper
232	100		
131	51.7	40.9	61.3
130	2.3	2.0	3.0
166	33.5	26.8	40.2



#60
Diethylphthalate
Concen: 57.180 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.1	10.6	15.8



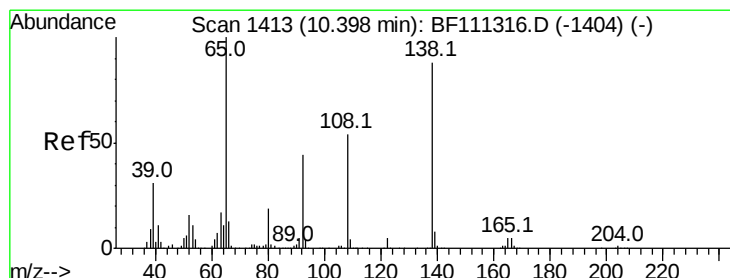
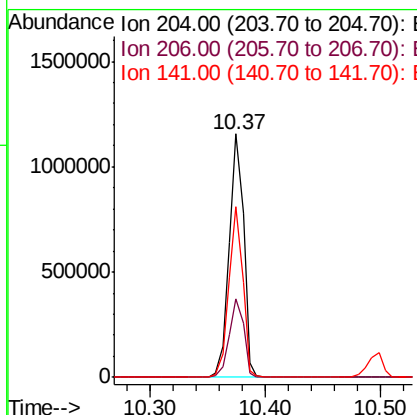
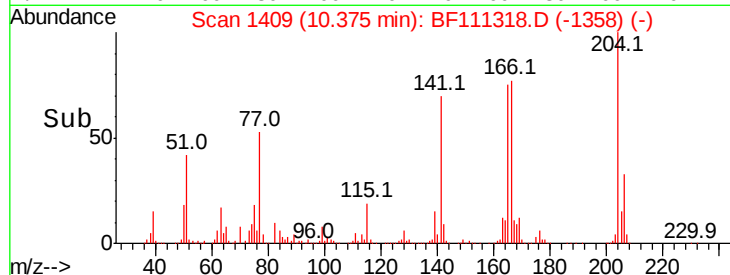
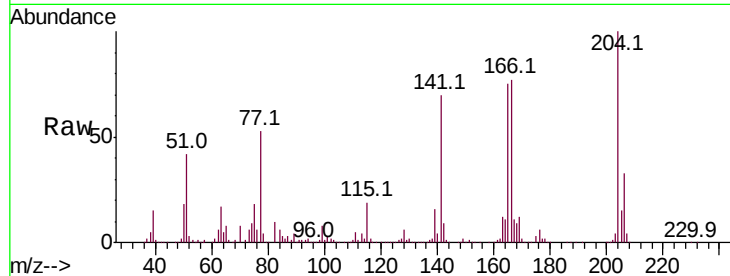


#61
 4-Chlorophenyl-phenylether
 Concen: 53.367 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 1005446

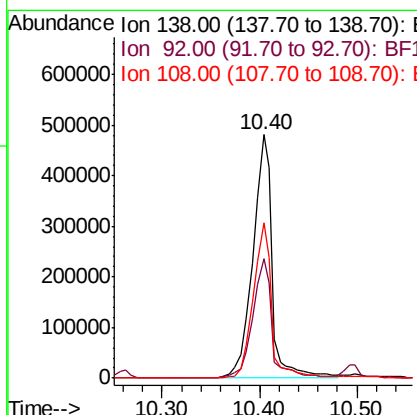
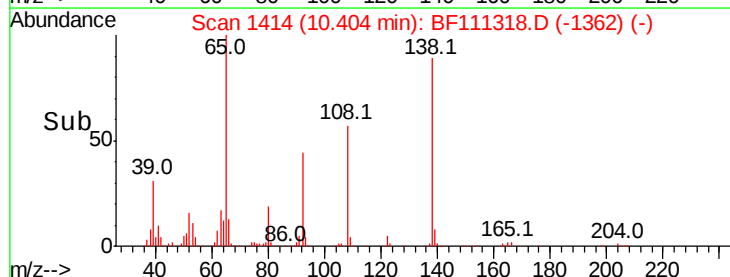
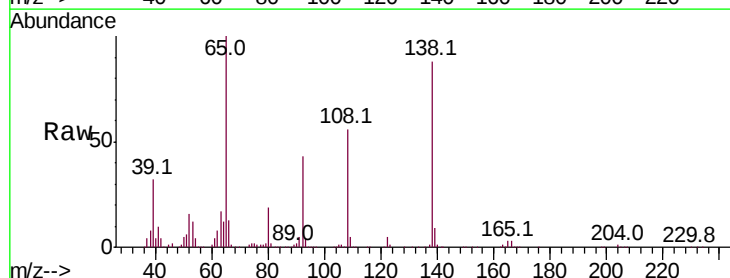
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	70.1	52.6	78.8

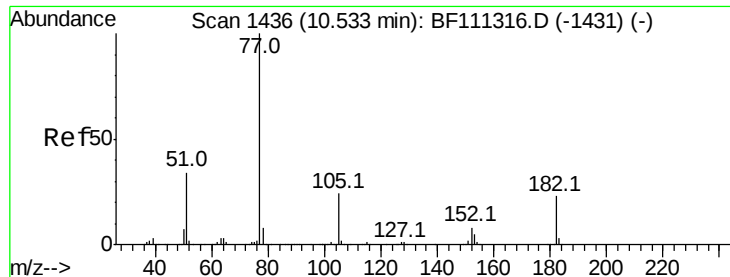


#62
 4-Nitroaniline
 Concen: 58.551 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion:138 Resp: 673734

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.9	69.9
108	63.8	43.2	83.2





#63

Azobenzene

Concen: 56.216 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2482472

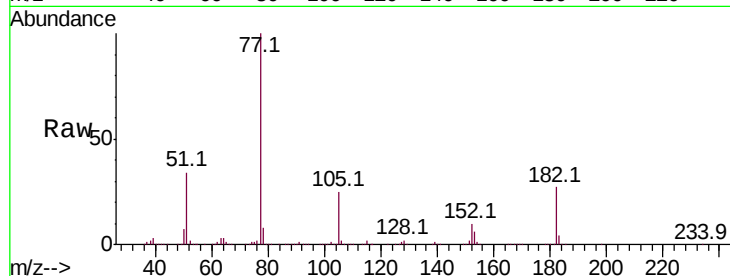
Ion Ratio Lower Upper

77 100

182 26.7 4.9 44.9

105 25.4 6.0 46.0

51 33.9 14.7 54.7

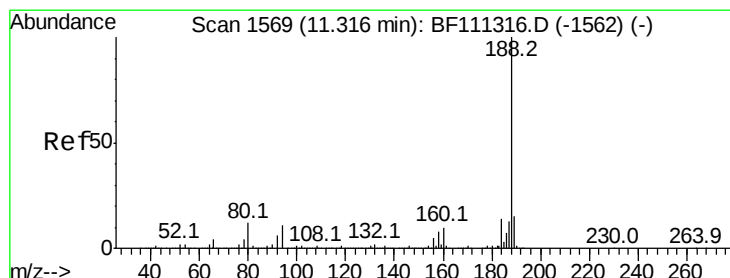
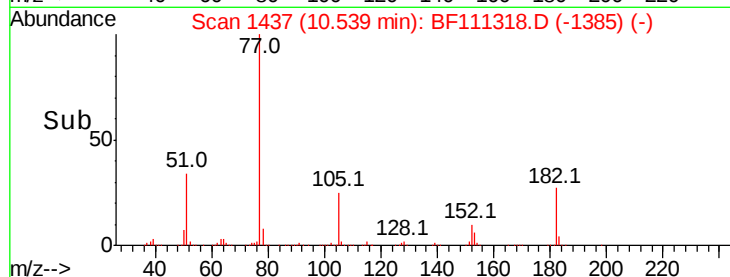
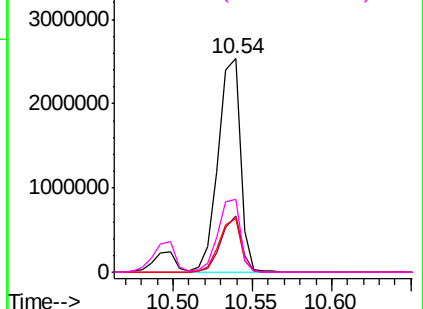


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

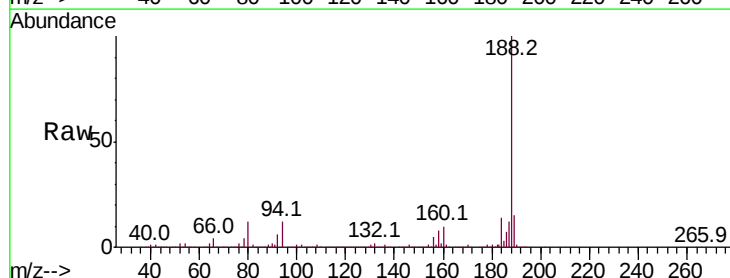
Tgt Ion: 188 Resp: 1022026

Ion Ratio Lower Upper

188 100

94 11.5 9.6 14.4

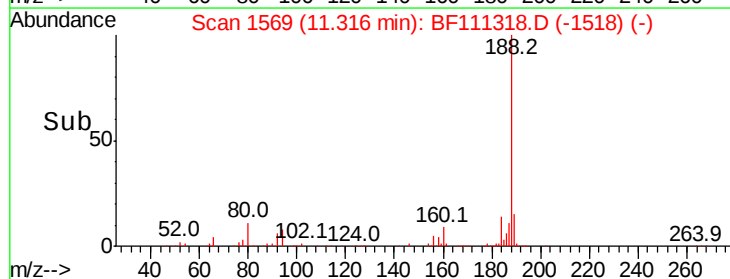
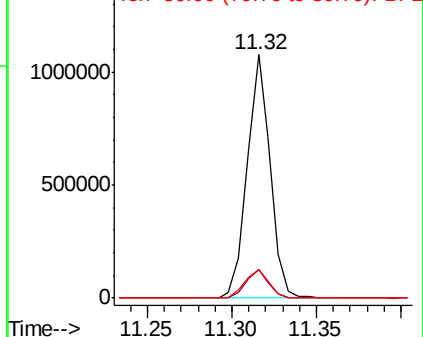
80 11.9 9.8 14.6

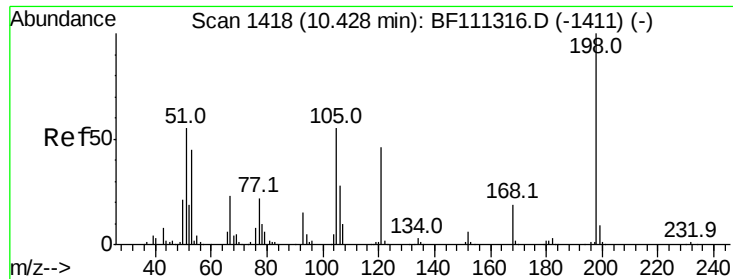


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 67.483 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

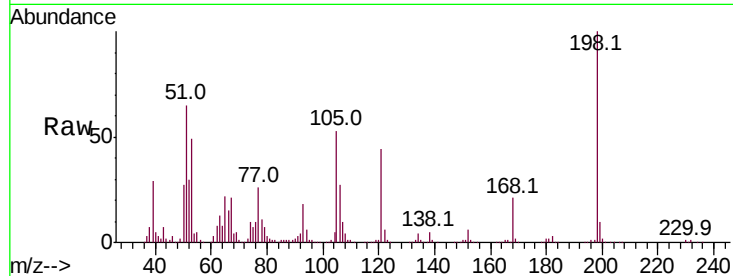
Tot Ion:198 Resp: 372138

Ion Ratio Lower Upper

198 100

51 64.8 48.0 88.0

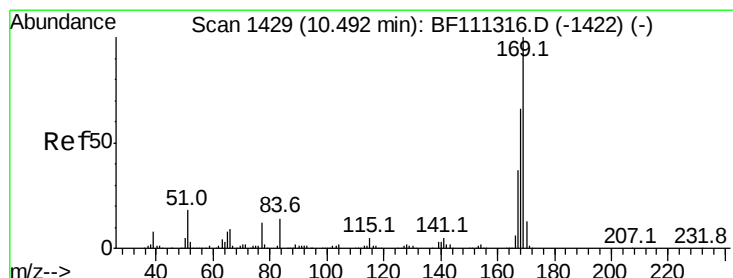
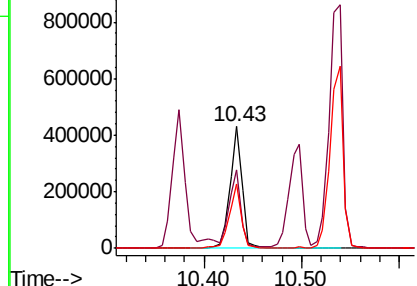
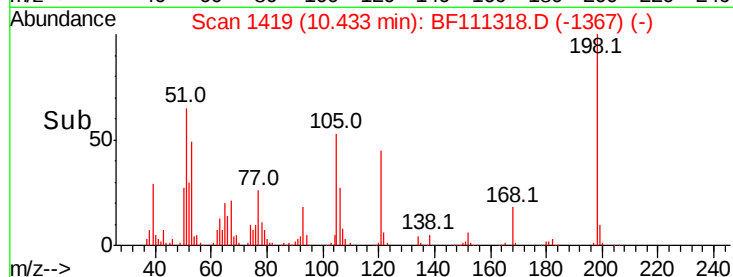
105 52.8 34.0 74.0



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: 58.717 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

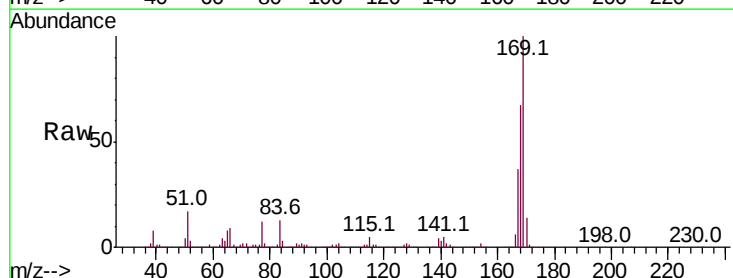
Tgt Ion:169 Resp: 2042781

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

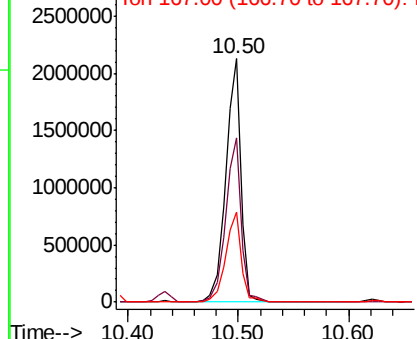
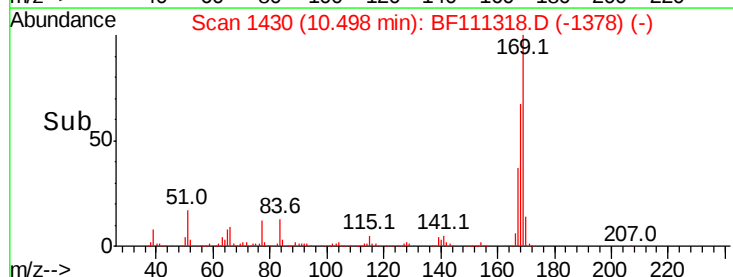
167 37.2 30.5 45.7

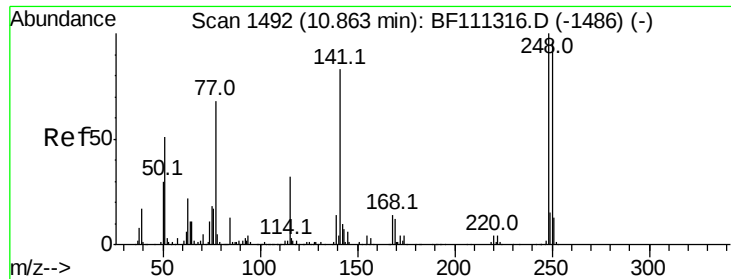


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

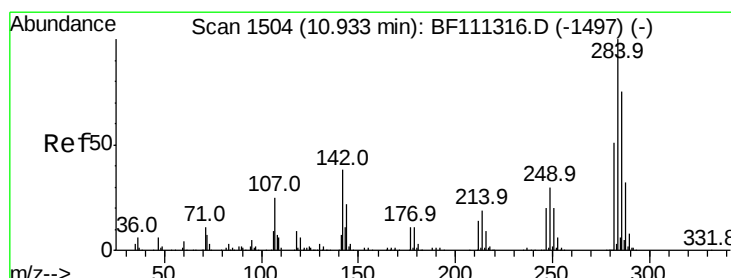
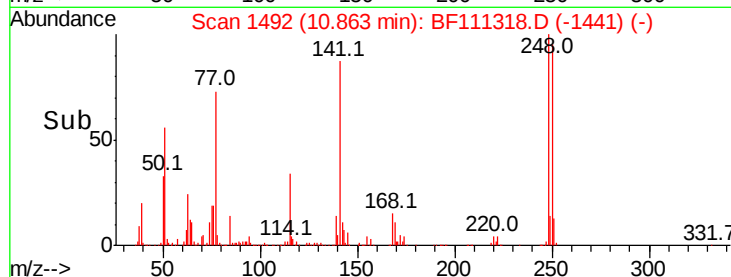
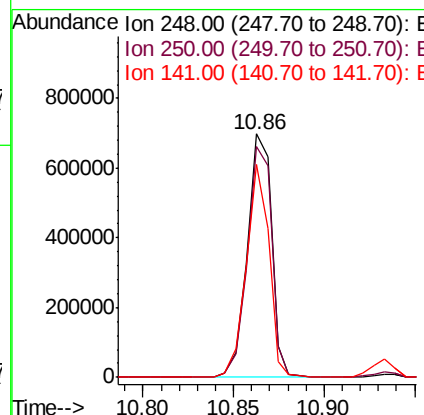
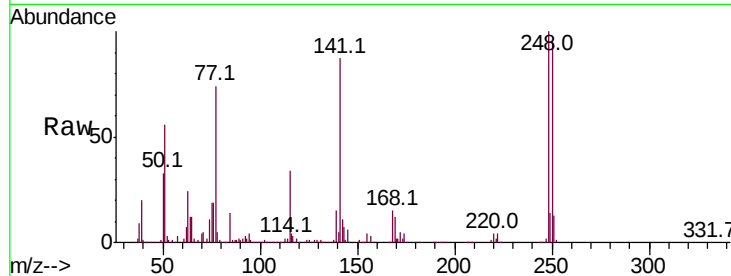




#67
4-Bromophenyl-phenylether
Concen: 58.371 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

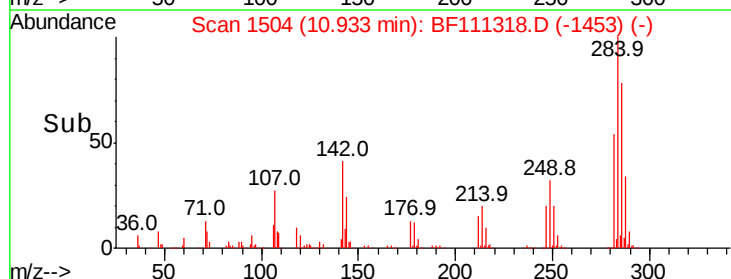
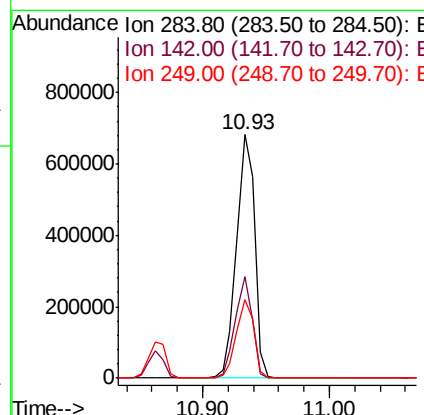
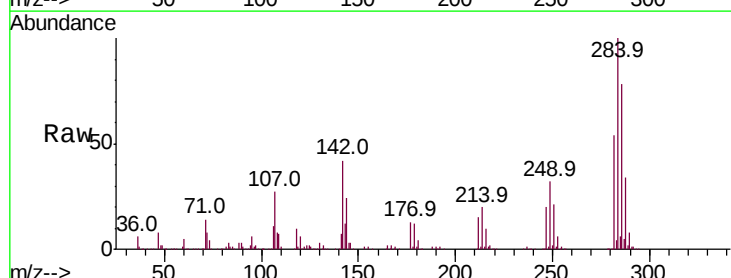
Instrument :
BNA_F
ClientSampleId :

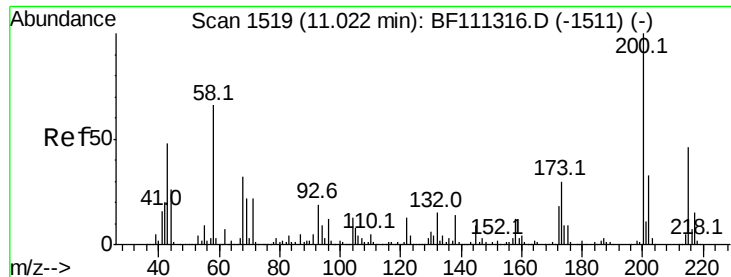
Tot Ion:248 Resp: 653413
Ion Ratio Lower Upper
248 100
250 95.0 77.0 115.4
141 87.3 63.0 94.6



#68
Hexachlorobenzene
Concen: 58.812 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:284 Resp: 669716
Ion Ratio Lower Upper
284 100
142 41.6 27.4 41.2#
249 32.2 24.4 36.6

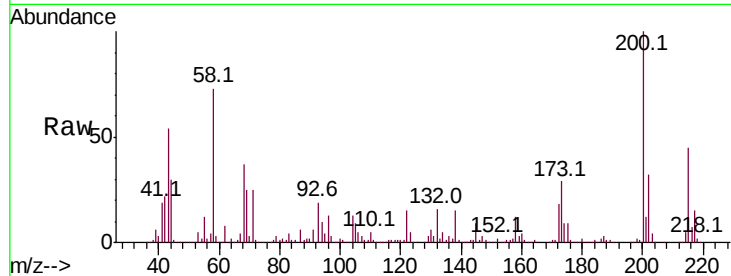




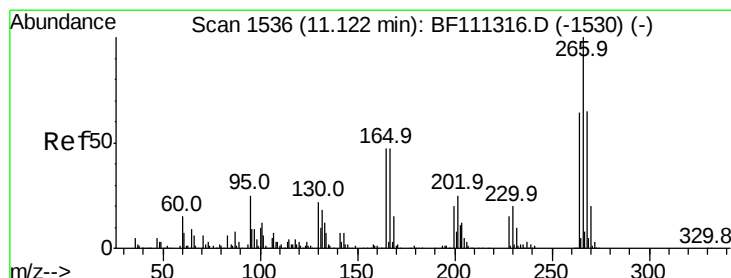
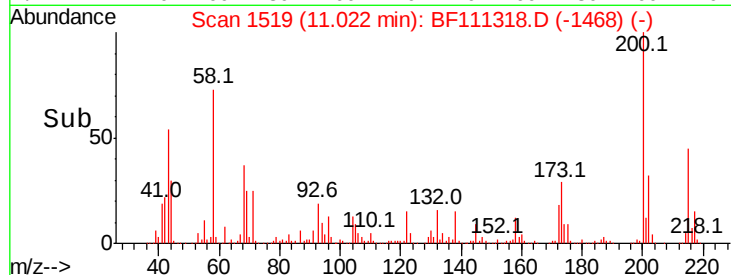
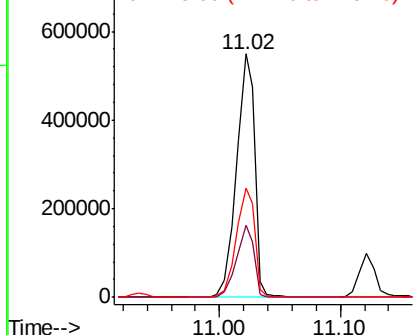
#69
Atrazine
Concen: 54.779 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	10.1	50.1
215	45.1	26.9	66.9

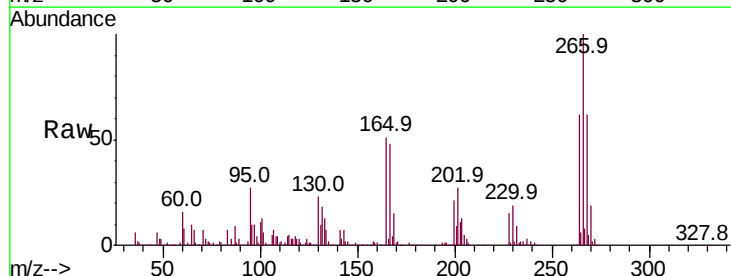


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

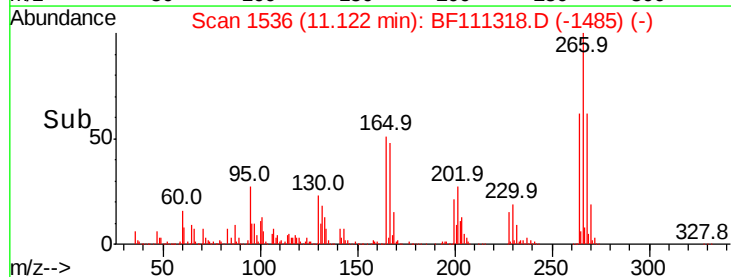
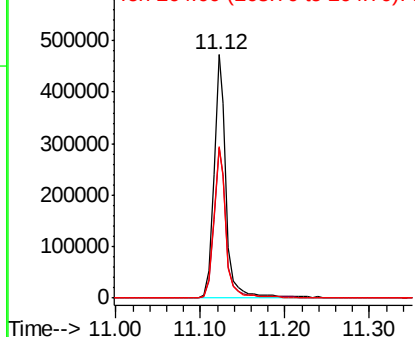


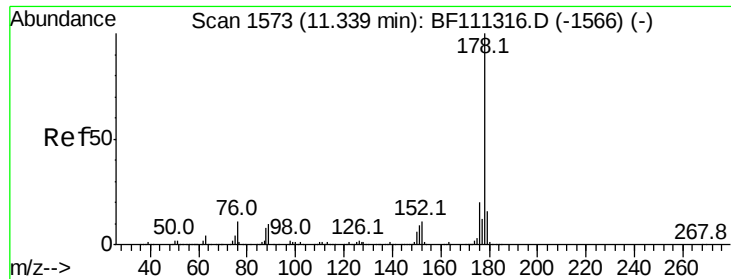
#70
Pentachlorophenol
Concen: 59.151 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	47.9	71.9
264	62.3	49.1	73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 56.350 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

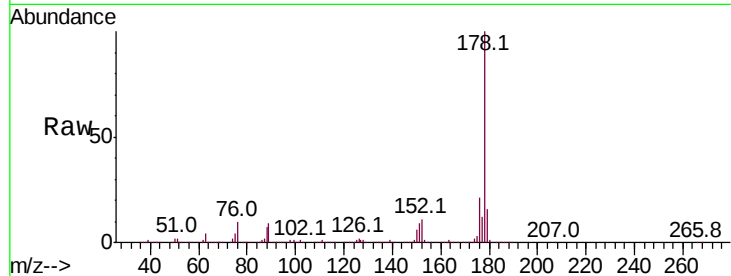
Tot Ion:178 Resp: 2904834

Ion Ratio Lower Upper

178 100

176 21.1 18.1 27.1

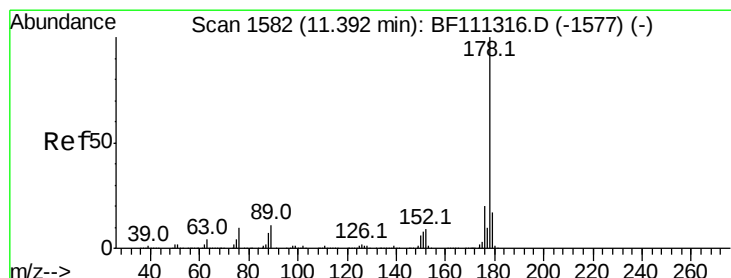
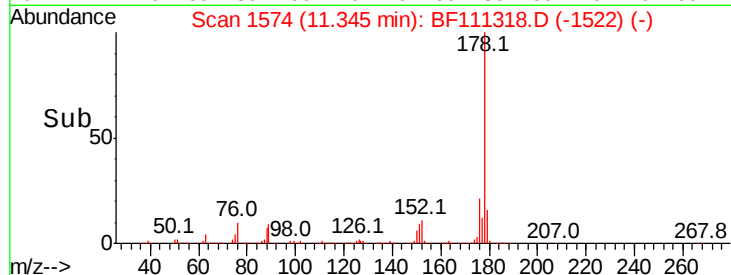
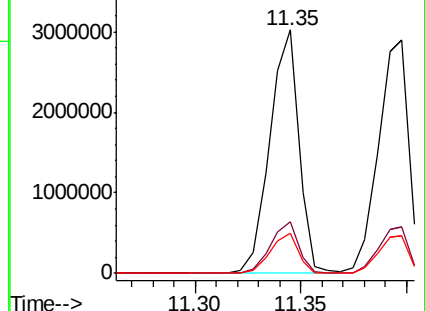
179 16.5 14.0 21.0



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: 54.809 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

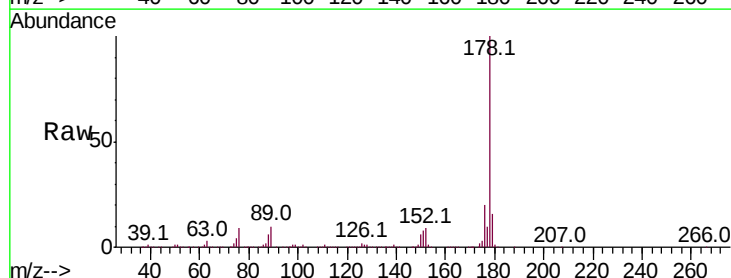
Tgt Ion:178 Resp: 2955951

Ion Ratio Lower Upper

178 100

176 20.2 17.2 25.8

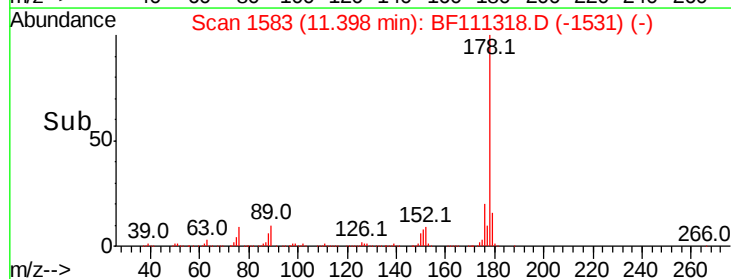
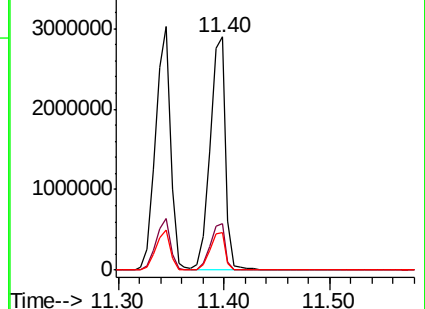
179 16.3 13.8 20.8

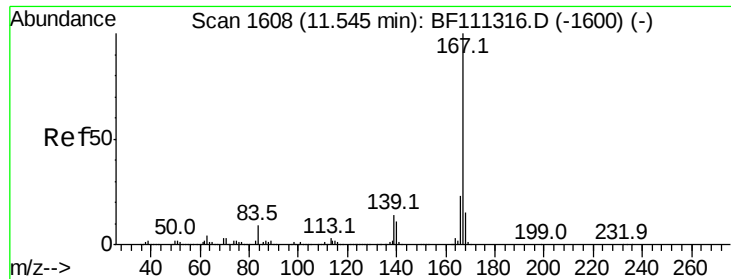


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



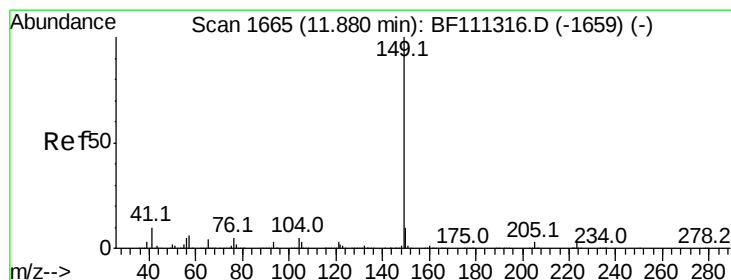
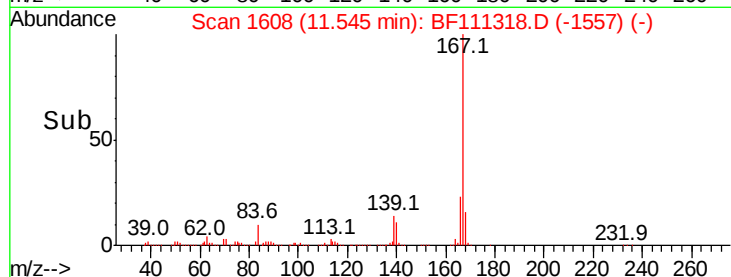
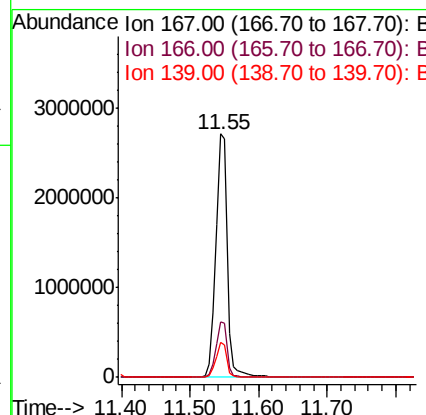
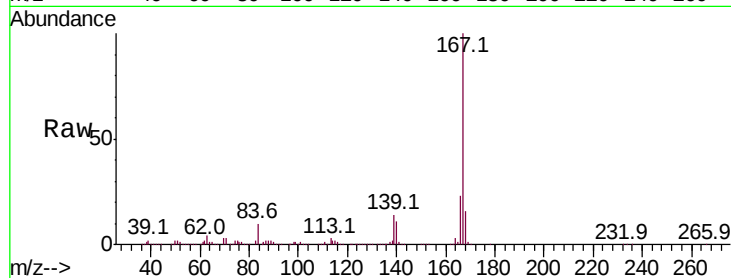


#73
 Carbazole
 Concen: 55.694 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3140800

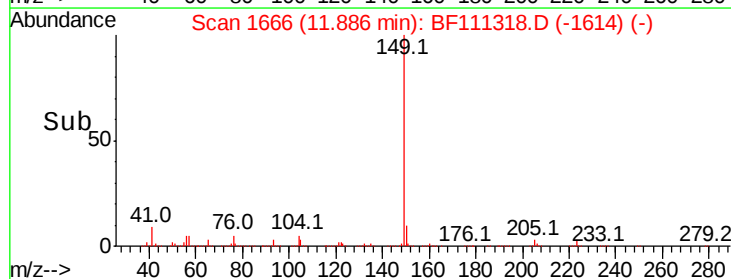
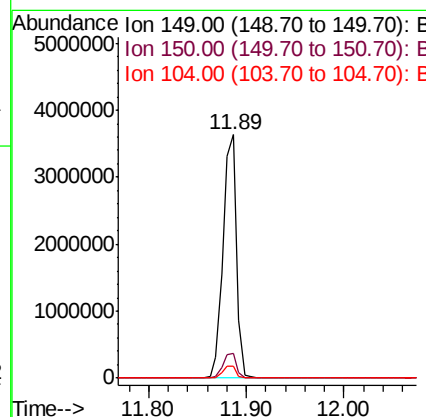
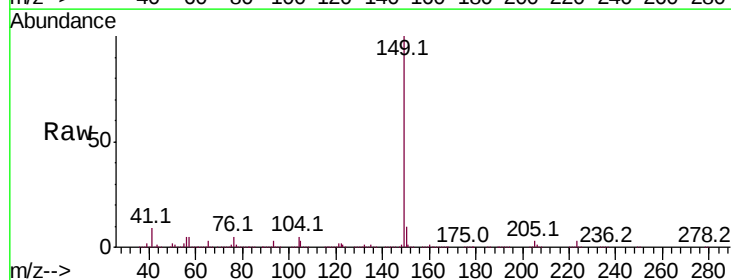
Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	14.3	11.9	17.9

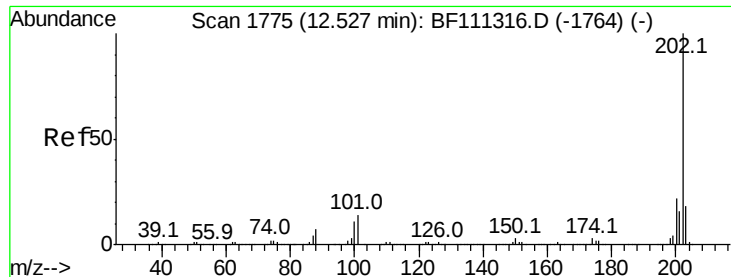


#74
 Di-n-butylphthalate
 Concen: 59.870 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion:149 Resp: 3470291

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.8	13.2
104	5.0	4.5	6.7





#75

Fluoranthene

Concen: 60.696 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

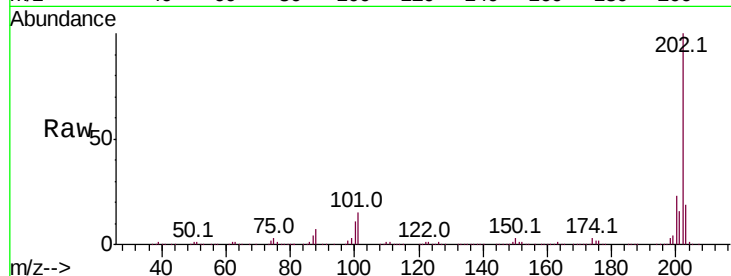
Tot Ion:202 Resp: 2858192

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.8

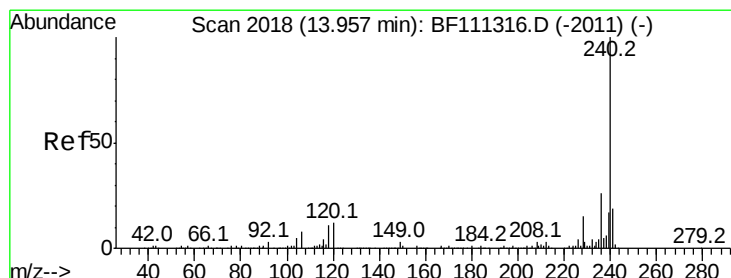
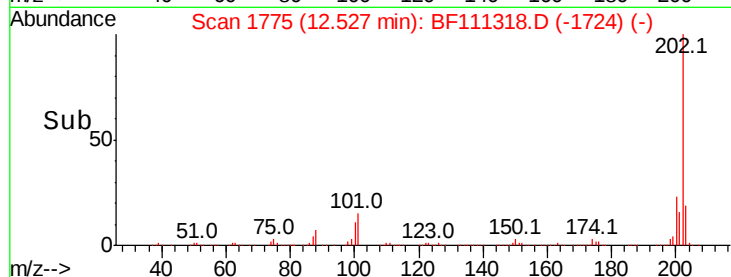
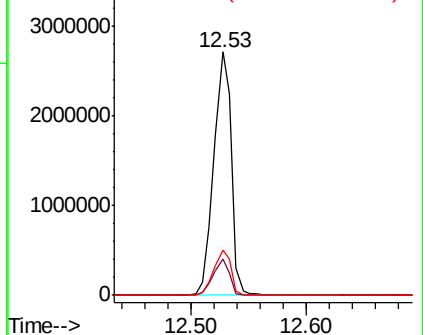
203 18.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

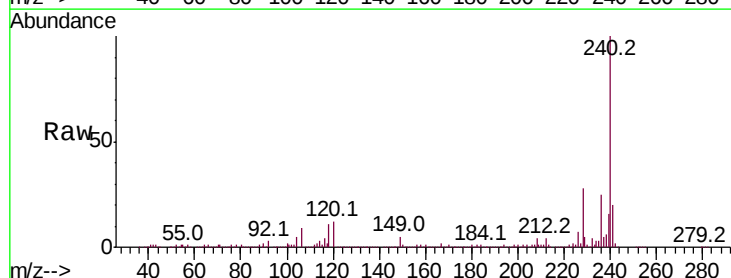
Tgt Ion:240 Resp: 627097

Ion Ratio Lower Upper

240 100

120 12.2 12.2 18.2

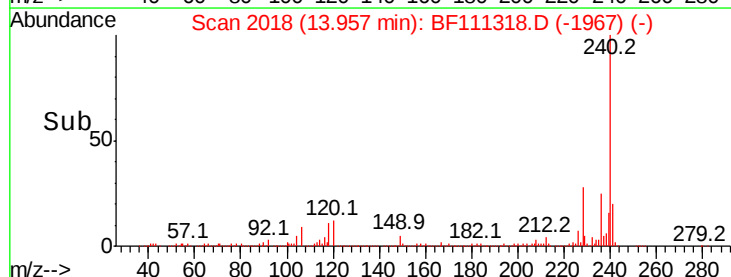
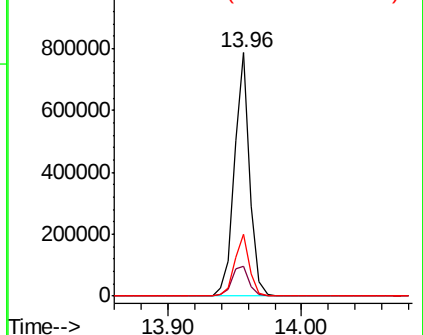
236 25.2 20.2 30.2

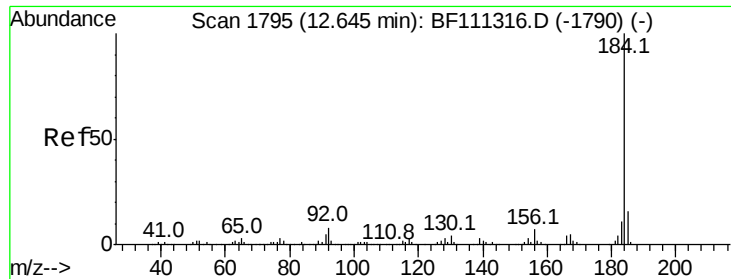


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.374 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

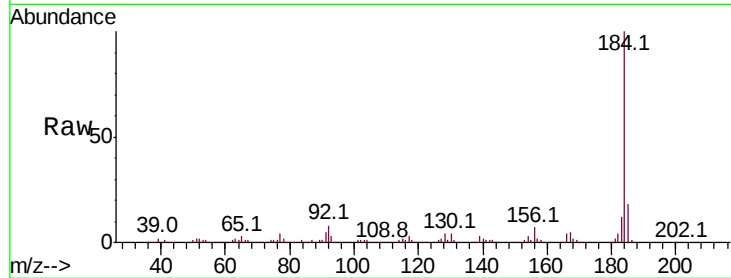
Tot Ion:184 Resp: 789004

Ion Ratio Lower Upper

184 100

185 17.5 13.0 19.6

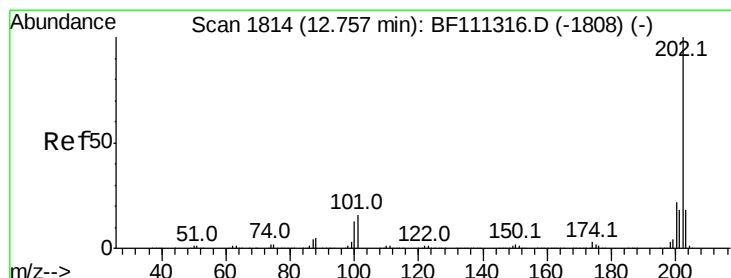
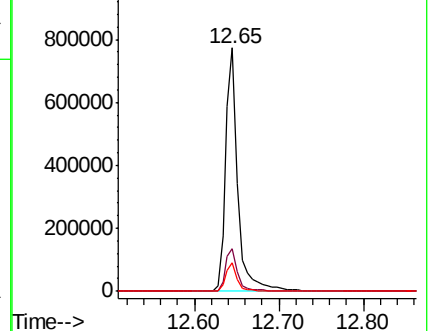
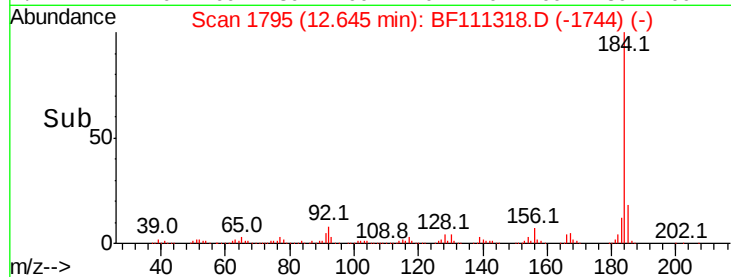
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 64.725 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

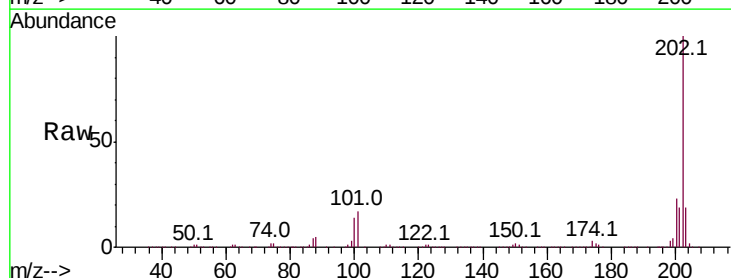
Tgt Ion:202 Resp: 2900501

Ion Ratio Lower Upper

202 100

200 23.2 19.0 28.4

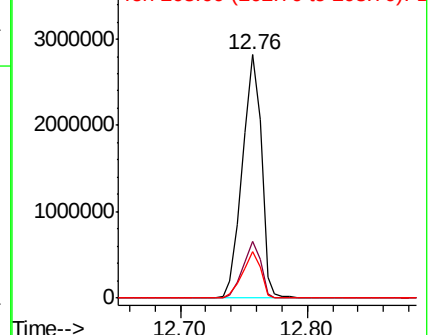
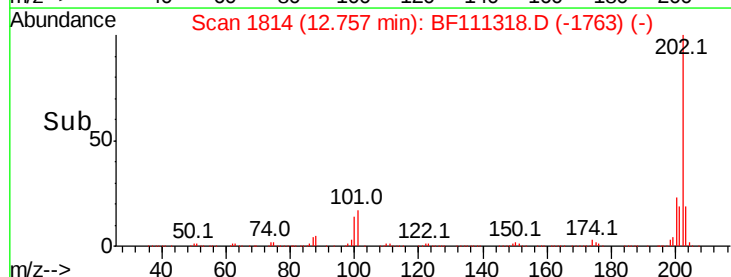
203 18.9 15.2 22.8

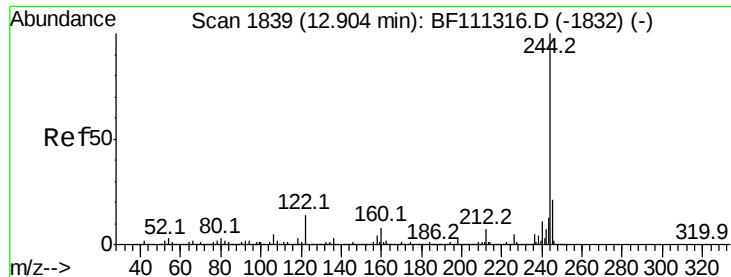


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 126.103 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

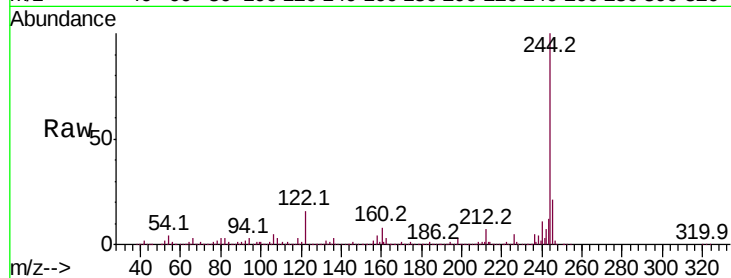
Tot Ion:244 Resp: 3296825

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

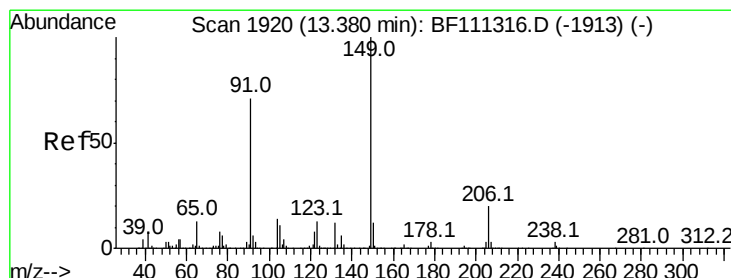
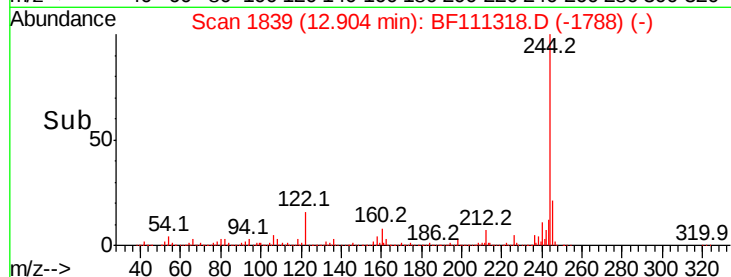
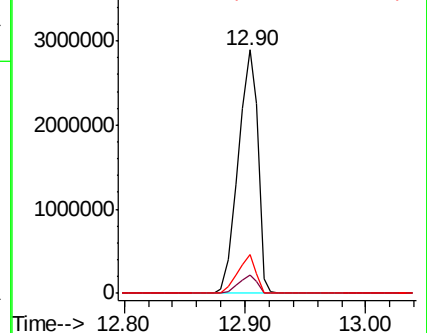
122 15.9 13.1 19.7



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: 60.527 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

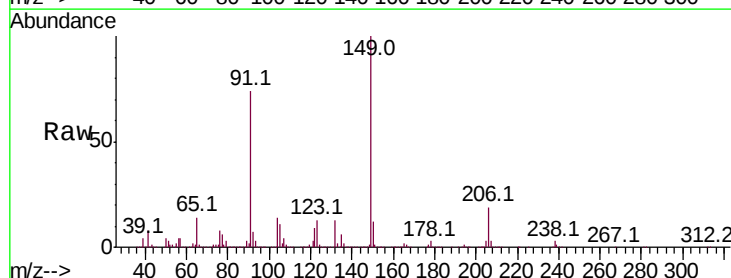
Tgt Ion:149 Resp: 1416734

Ion Ratio Lower Upper

149 100

91 74.2 63.8 95.6

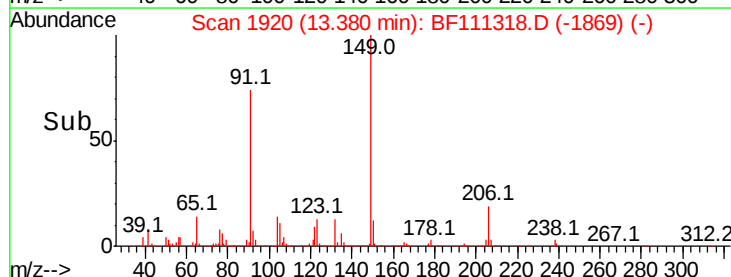
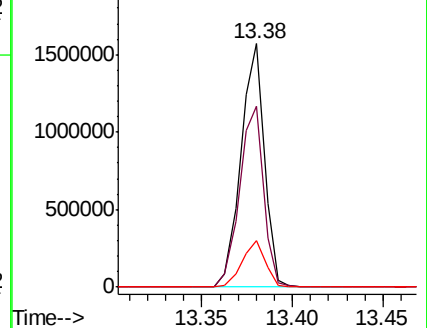
206 19.2 15.1 22.7

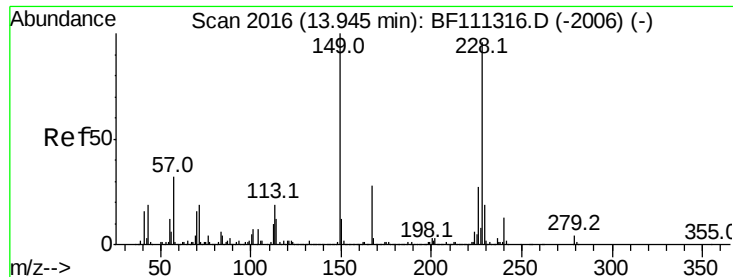


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.046 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampled :

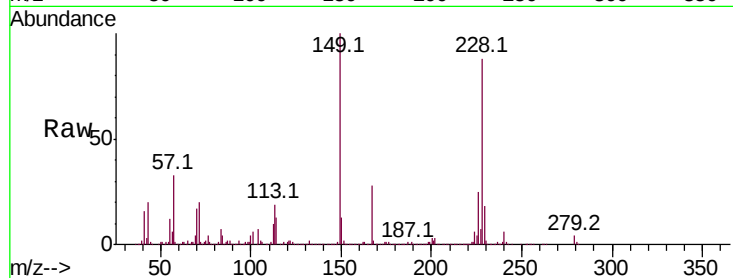
Tot Ion:228 Resp: 1995793

Ion Ratio Lower Upper

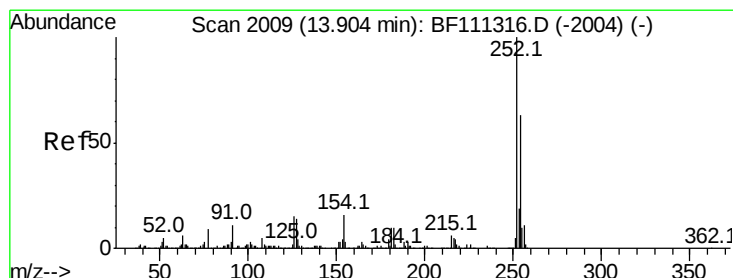
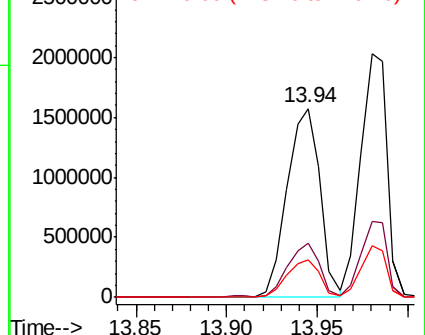
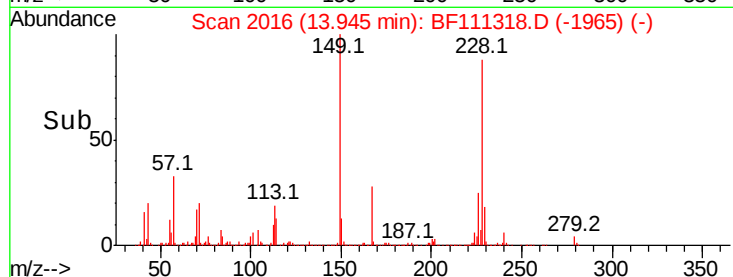
228 100

226 28.6 22.6 34.0

229 20.2 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: 51.255 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

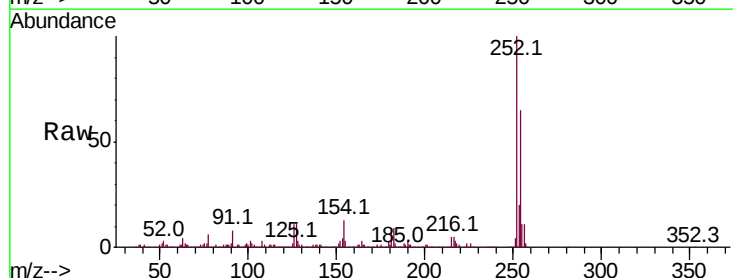
Tgt Ion:252 Resp: 734977

Ion Ratio Lower Upper

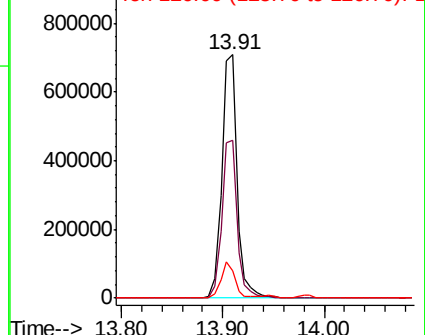
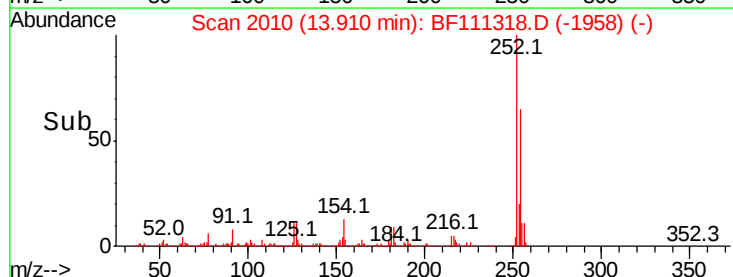
252 100

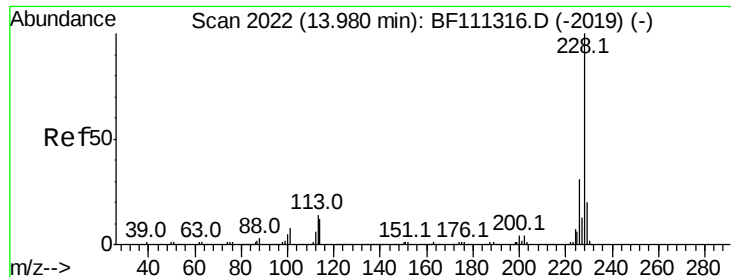
254 64.9 52.7 79.1

126 11.3 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

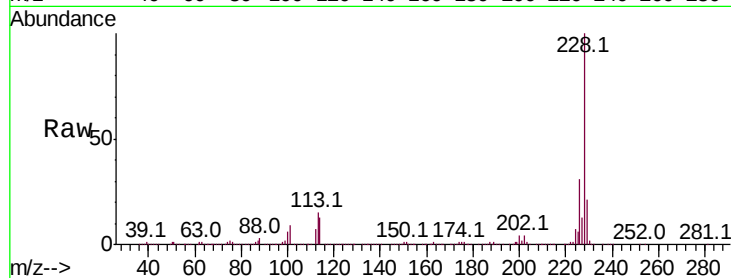




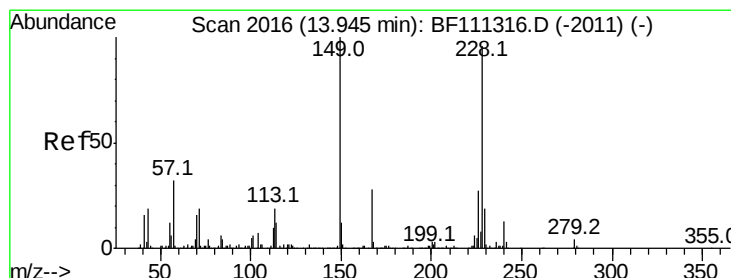
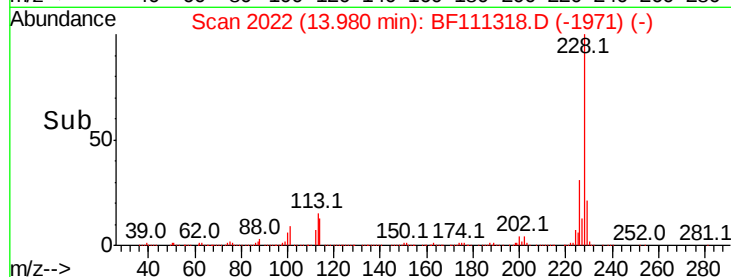
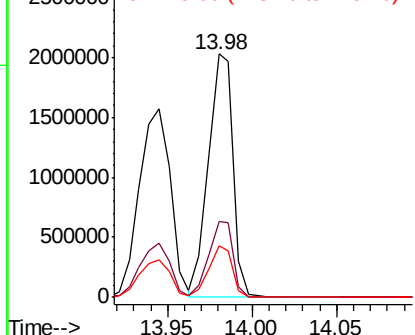
#83
 Chrvsene
 Concen: 57.527 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 2074848
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.3 37.9
 229 21.2 17.2 25.8

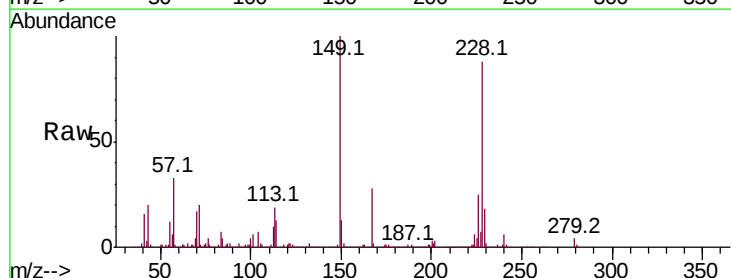


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

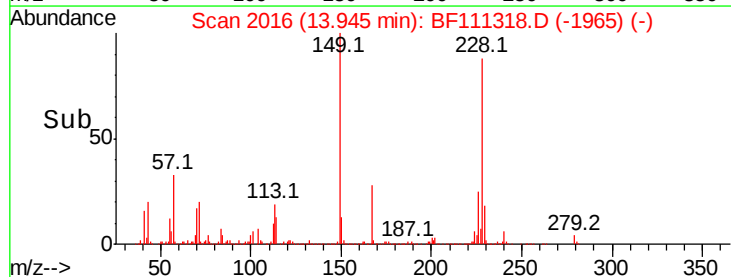
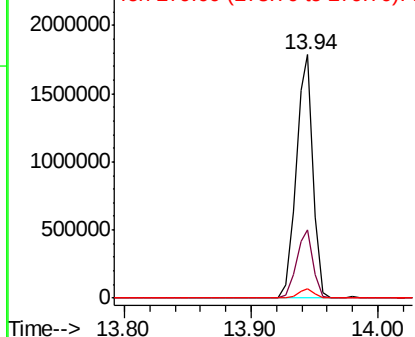


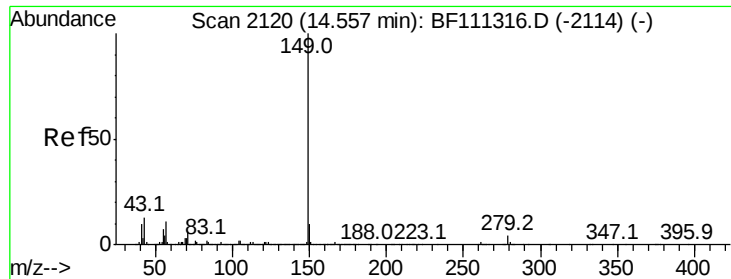
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.779 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion:149 Resp: 1662633
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.5 33.7
 279 3.6 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

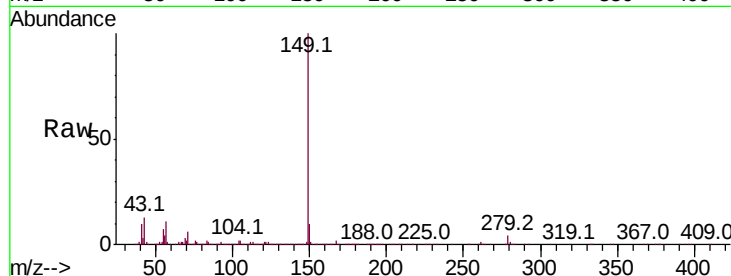




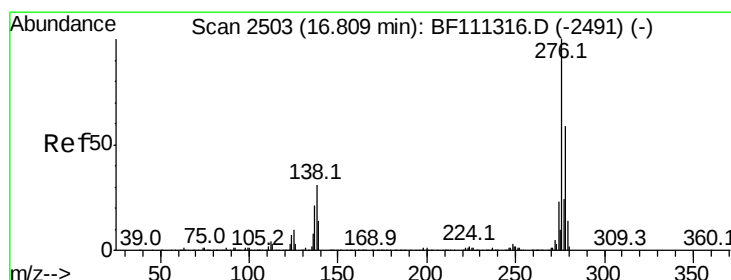
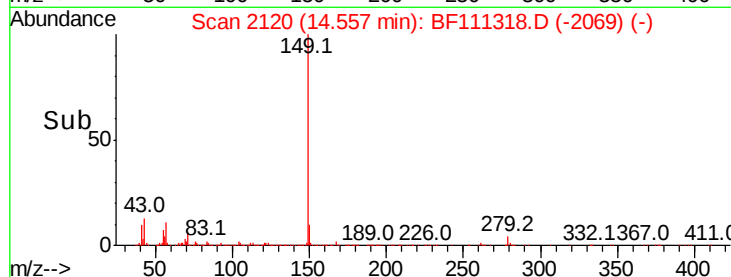
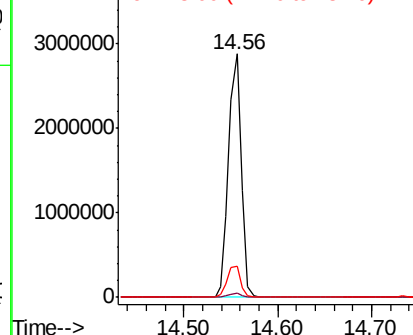
#85
Di-n-octyl phthalate
Concen: 58.782 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2740311
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.8 10.9 16.3

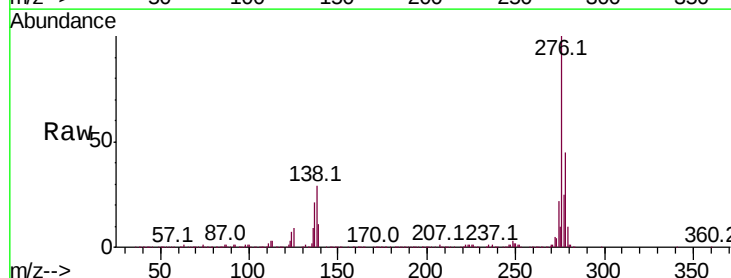


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

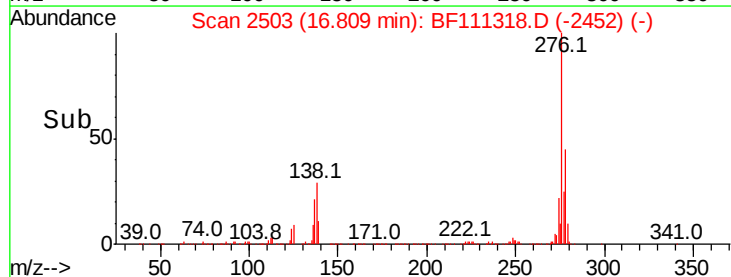
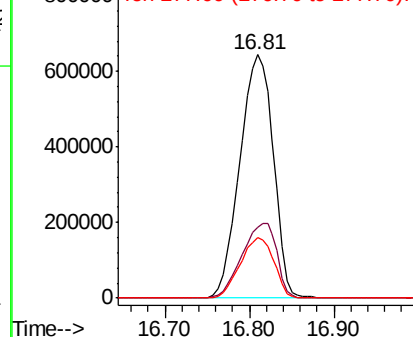


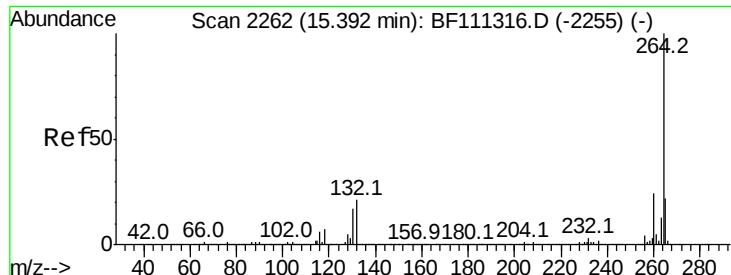
#86
Indeno(1,2,3-cd)pyrene
Concen: 60.809 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:276 Resp: 1770412
Ion Ratio Lower Upper
276 100
138 32.2 27.8 41.6
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

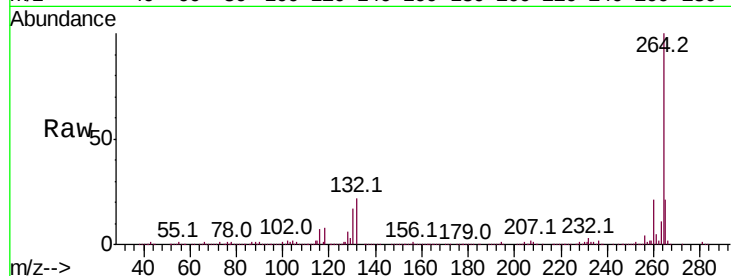




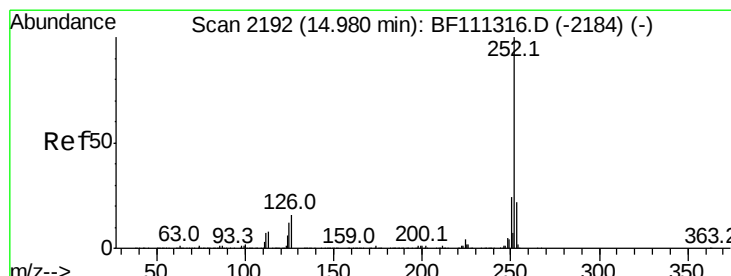
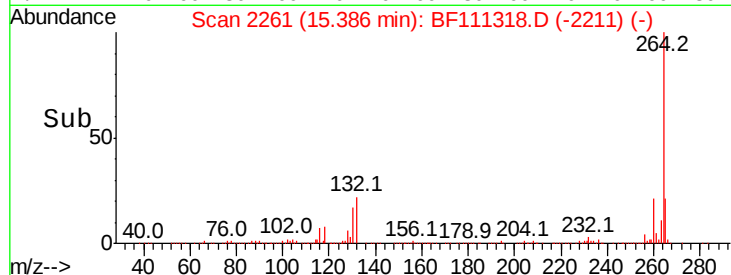
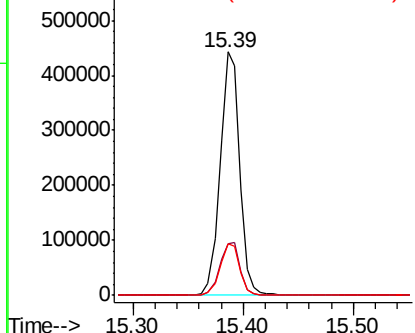
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 541762
Ion Ratio Lower Upper
264 100
260 21.4 18.3 27.5
265 21.2 17.7 26.5

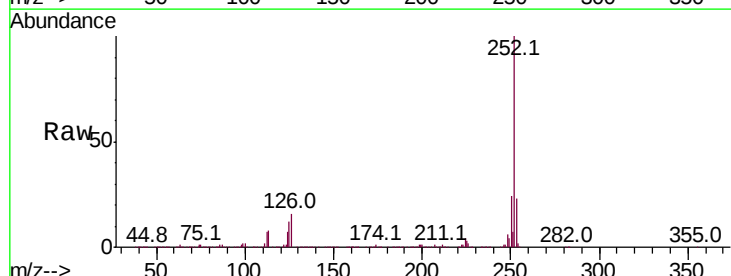


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

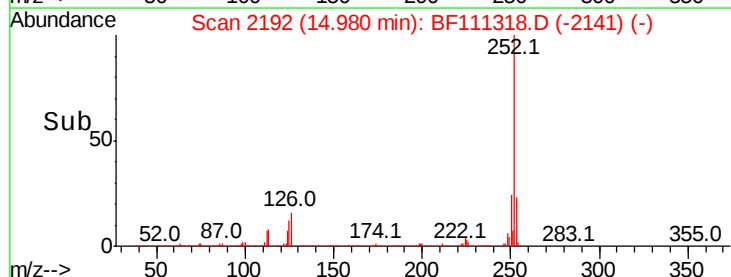
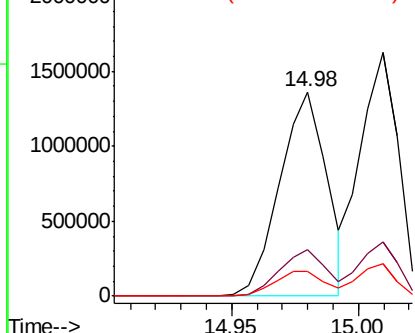


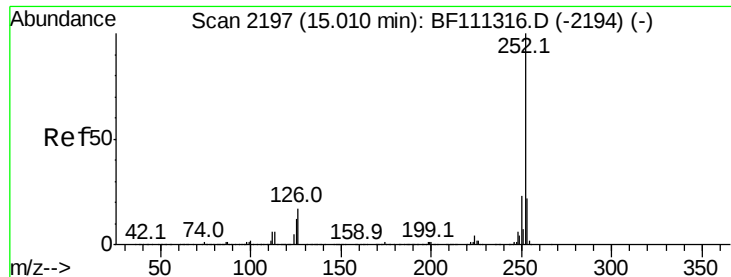
#88
Benzo(b)fluoranthene
Concen: 58.817 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:252 Resp: 1762178
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.1 10.4 15.6



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

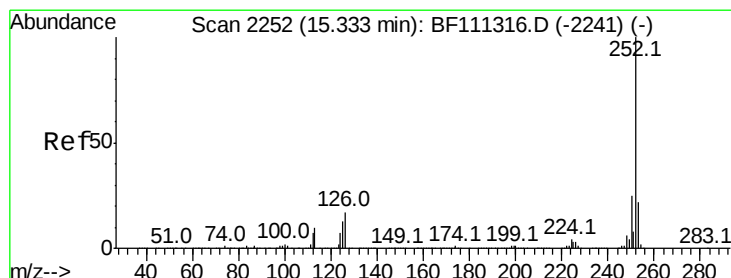
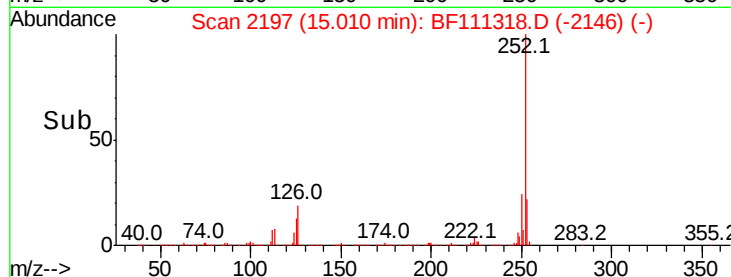
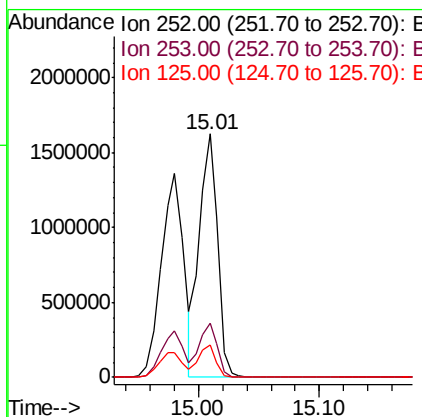
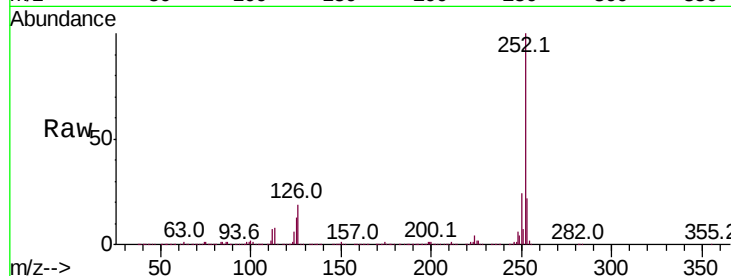




#89
Benzo(k)fluoranthene
Concen: 60.682 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

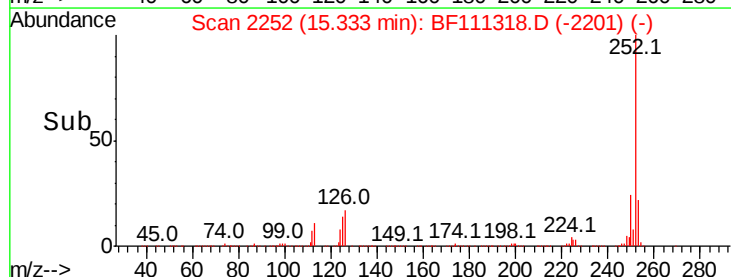
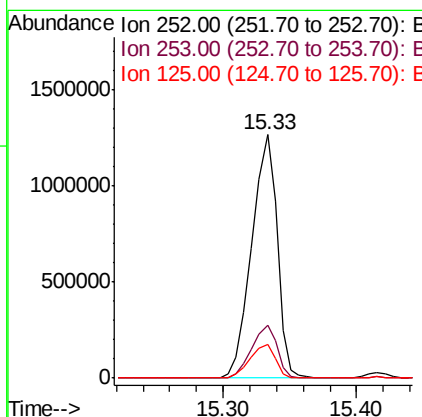
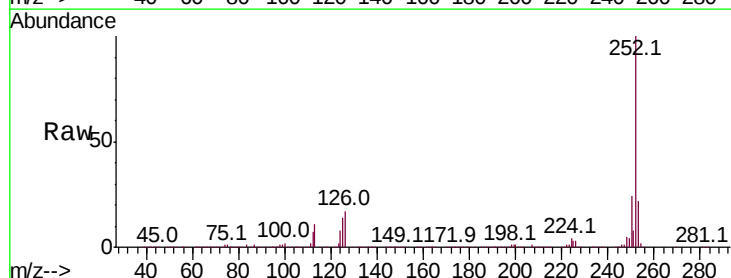
Instrument :
BNA_F
ClientSampleId :

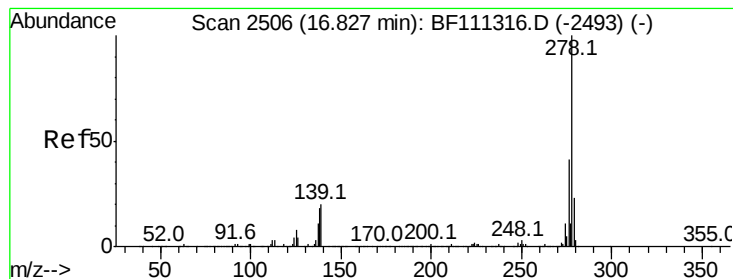
Tot Ion:252 Resp: 1709319
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.2 9.8 14.8



#90
Benzo(a)pyrene
Concen: 60.117 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:252 Resp: 1658616
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.9 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 67.818 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

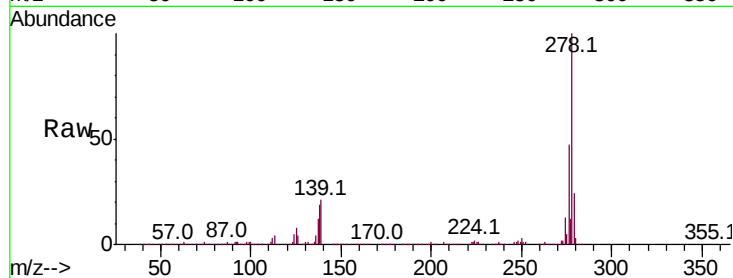
Tot Ion:278 Resp: 1469647

Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.2	27.4
279	24.3	19.0	28.6

278 100

139 21.3 18.2 27.4

279 24.3 19.0 28.6

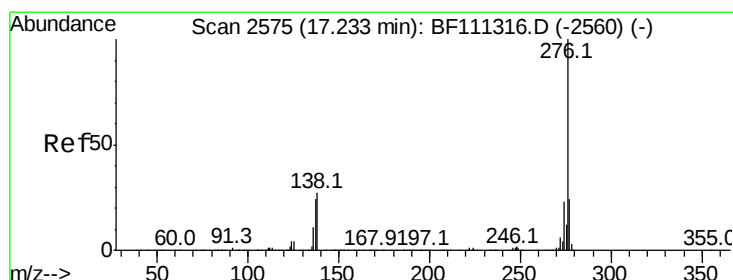
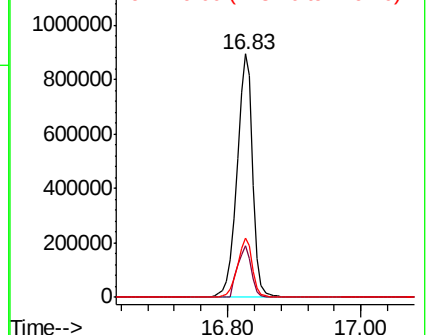
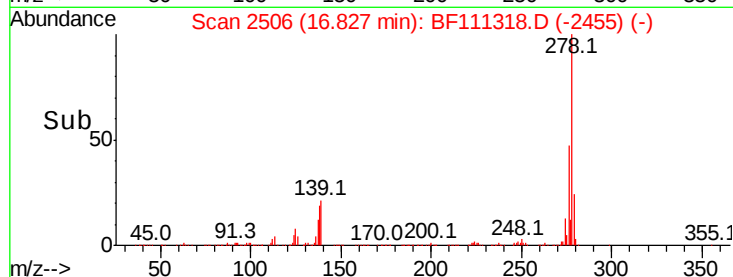


Abundance

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: 69.534 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

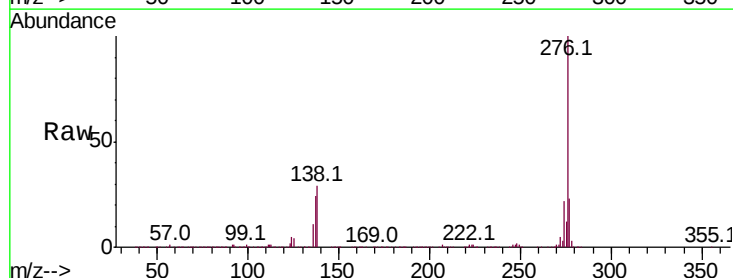
Tgt Ion:276 Resp: 1508393

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	28.6	24.9	37.3

276 100

277 23.5 19.2 28.8

138 28.6 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

