

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111359.D
 Acq On : 13 Dec 2018 9:51
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 11:04:29 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 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	283870	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1189081	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	547667	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	940608	20.00	ng	0.00
76) Chrysene-d12	13.96	240	612853	20.00	ng	0.00
87) Perylene-d12	15.39	264	517628	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1390860	82.85	ng	0.00
7) Phenol-d6	6.43	99	1833350	81.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	1729739	81.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	389289	80.64	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2854505	83.68	ng	0.00
79) Terphenyl-d14	12.90	244	2298935	82.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	332948	39.707	ng	98
3) Pyridine	3.24	79	883184	42.876	ng	96
4) n-Nitrosodimethylamine	3.19	42	399249	41.549	ng	90
6) Aniline	6.46	93	1191485	43.515	ng	98
8) 2-Chlorophenol	6.59	128	823375	39.905	ng	95
9) Benzaldehyde	6.34	77	509050	39.248	ng	98
10) Phenol	6.45	94	1043416	40.697	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	800112	39.668	ng	98
12) 1,3-Dichlorobenzene	6.74	146	888388	39.773	ng	99
13) 1,4-Dichlorobenzene	6.82	146	901955	39.889	ng	98
14) 1,2-Dichlorobenzene	6.97	146	839549	40.134	ng	98
15) Benzyl Alcohol	6.94	79	707323	40.813	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1564141	40.028	ng	100
17) 2-Methylphenol	7.05	107	681481	40.875	ng	97
18) Hexachloroethane	7.31	117	329644	39.268	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	587731	39.078	ng	94
20) 3+4-Methylphenols	7.21	107	786916	39.578	ng	97
22) Acetophenone	7.21	105	1074637	38.907	ng	# 97
24) Nitrobenzene	7.38	77	864800	39.797	ng	97
25) Isophorone	7.62	82	1408166	39.295	ng	100
26) 2-Nitrophenol	7.69	139	451387	42.260	ng	97
27) 2,4-Dimethylphenol	7.73	122	653626	40.312	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	970941	39.474	ng	99
29) 2,4-Dichlorophenol	7.94	162	680678	40.244	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	691130	39.768	ng	100
31) Naphthalene	8.10	128	2200853	39.726	ng	97
32) Benzoic acid	7.87	122	408805	30.330	ng	98
33) 4-Chloroaniline	8.15	127	993771	42.002	ng	99
34) Hexachlorobutadiene	8.22	225	383616	39.789	ng	97
35) Caprolactam	8.53	113	239197	40.360	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	720159	39.956	ng	99
37) 2-Methylnaphthalene	8.79	142	1422973	39.734	ng	100
38) 1-Methylnaphthalene	8.89	142	1361735	39.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	603567	39.207	ng	99

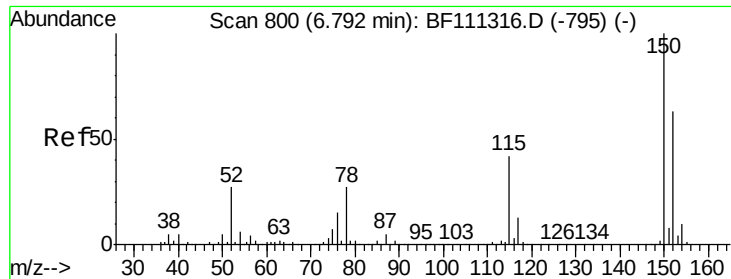
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111359.D
 Acq On : 13 Dec 2018 9:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 11:04:29 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 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	327219	40.706	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	448072	40.665	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	471358	40.478	nq	97
46) 1,1'-Biphenyl	9.26	154	1859516	39.794	nq	97
47) 2-Chloronaphthalene	9.28	162	1441517	40.281	nq	98
48) 2-Nitroaniline	9.37	65	481552	41.410	nq	94
49) Acenaphthylene	9.70	152	2074521	39.679	nq	97
50) Dimethylphthalate	9.56	163	1555135	39.487	nq	98
51) 2,6-Dinitrotoluene	9.62	165	359417	41.171	nq #	87
52) Acenaphthene	9.87	154	1328840	40.296	nq	98
53) 3-Nitroaniline	9.79	138	442784	42.198	nq	95
54) 2,4-Dinitrophenol	9.89	184	146909	42.894	nq #	81
55) Dibenzofuran	10.04	168	1901540	39.943	nq	98
56) 4-Nitrophenol	9.95	139	332025	43.939	nq	99
57) 2,4-Dinitrotoluene	10.02	165	467742	41.806	nq	99
58) Fluorene	10.39	166	1337221	39.266	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	357948	39.790	nq	99
60) Diethylphthalate	10.26	149	1549551	39.082	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	662321	39.230	nq	98
62) 4-Nitroaniline	10.40	138	424898	42.128	nq	99
63) Azobenzene	10.53	77	1571967	39.322	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	217000	40.185	nq	83
66) n-Nitrosodiphenylamine	10.49	169	1306095	39.036	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	412895	39.431	nq	97
68) Hexachlorobenzene	10.93	284	425334	39.447	nq #	93
69) Atrazine	11.02	200	380074	39.275	nq	99
70) Pentachlorophenol	11.13	266	298660	41.623	nq	95
71) Phenanthrene	11.35	178	1913504	39.358	nq	95
72) Anthracene	11.40	178	1938098	39.150	nq	96
73) Carbazole	11.55	167	2025955	39.579	nq	97
74) Di-n-butylphthalate	11.88	149	2249343	38.594	nq	97
75) Fluoranthene	12.53	202	1861947	39.230	nq	99
77) Benzidine	12.65	184	915946	79.196	nq	98
78) Pyrene	12.76	202	1922342	40.643	nq	98
80) Butylbenzylphthalate	13.38	149	898176	39.551	nq	92
81) Benzo(a)anthracene	13.95	228	1332236	38.852	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	540563	41.683	nq	99
83) Chrysene	13.99	228	1391228	39.767	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	1065275	38.371	nq	98
85) Di-n-octyl phthalate	14.56	149	1706956	37.445	nq	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1141646	41.724	nq	97
88) Benzo(b)fluoranthene	14.98	252	1124353	38.199	nq	99
89) Benzo(k)fluoranthene	15.01	252	1163977	39.618	nq	99
90) Benzo(a)pyrene	15.33	252	1078309	39.346	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	945079	41.448	nq	96
92) Benzo(g,h,i)perylene	17.24	276	959562	42.092	nq	96

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

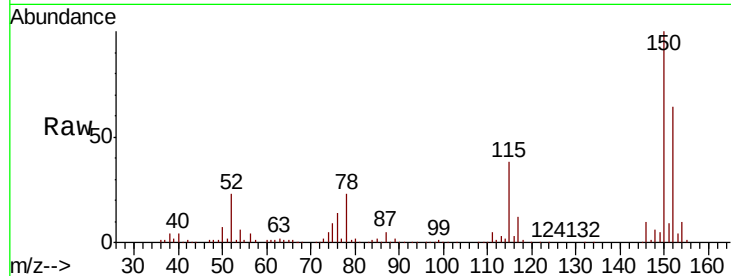


#1

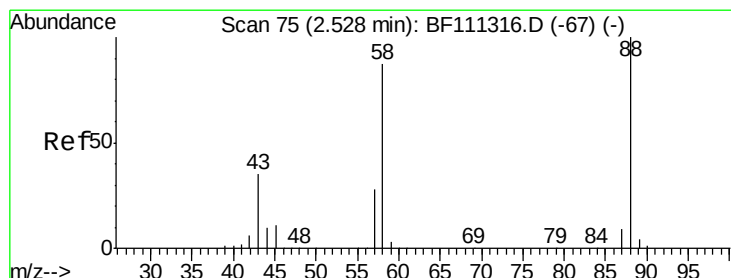
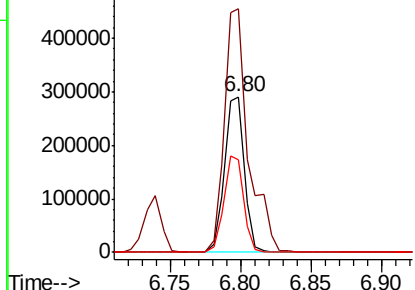
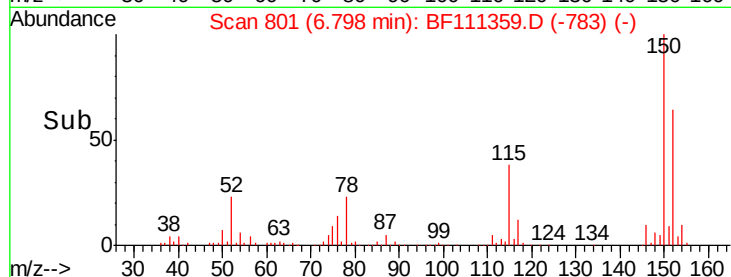
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 283870
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 59.4 50.7 76.1



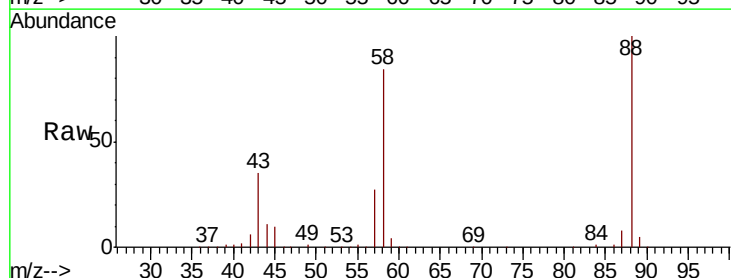
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



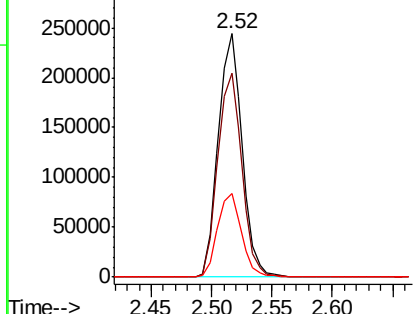
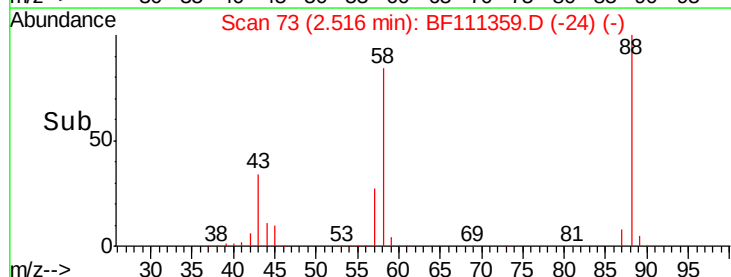
#2

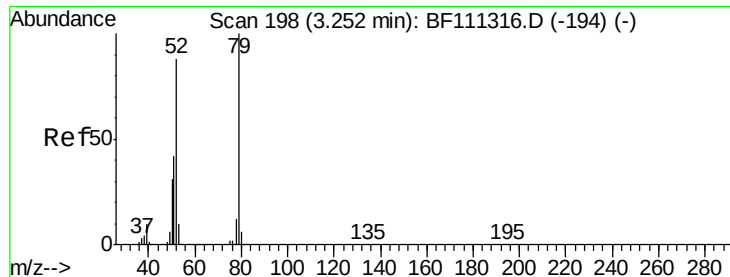
1,4-Dioxane
Concen: 39.707 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion: 88 Resp: 332948
Ion Ratio Lower Upper
88 100
58 84.8 68.9 103.3
43 34.8 25.8 38.6



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





#3

Pvridine

Concen: 42.876 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

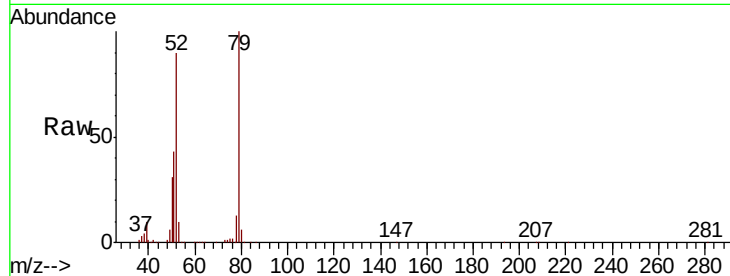
Tot Ion: 79 Resp: 883184

Ion Ratio Lower Upper

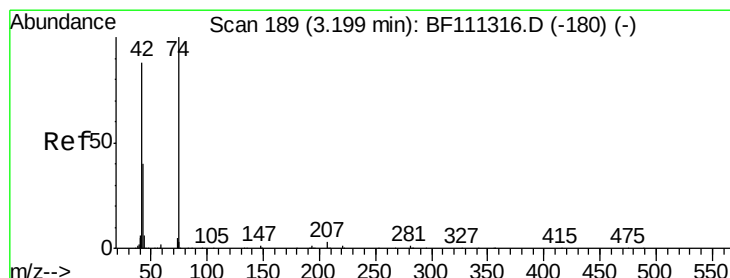
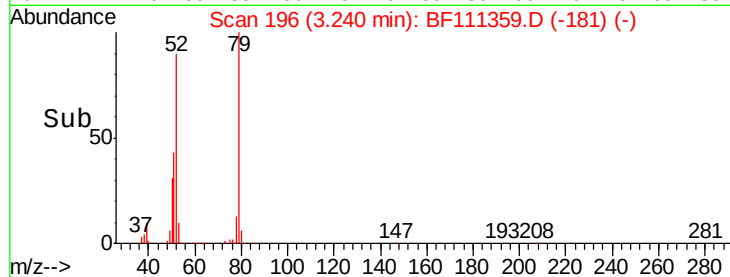
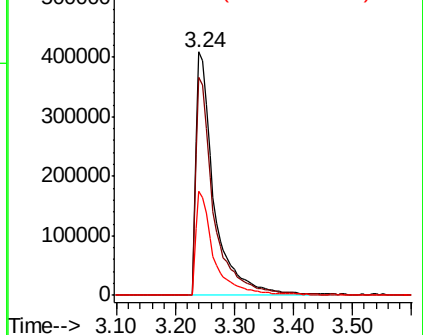
79 100

52 89.8 68.3 102.5

51 42.6 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: 41.549 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

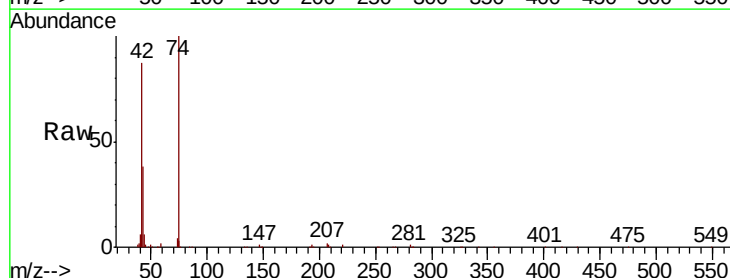
Tgt Ion: 42 Resp: 399249

Ion Ratio Lower Upper

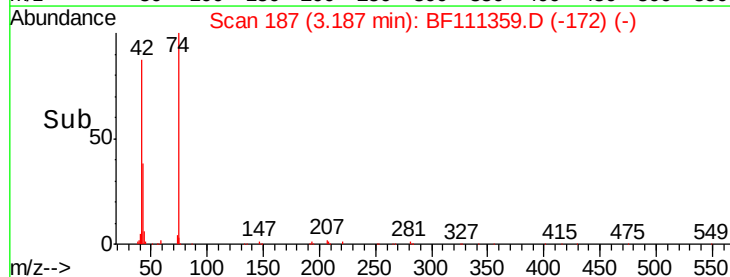
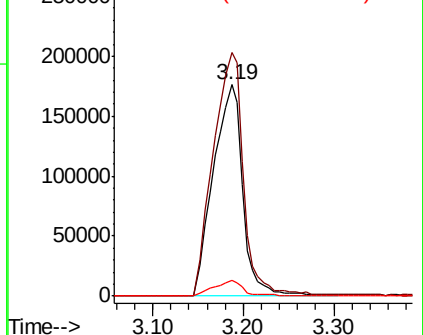
42 100

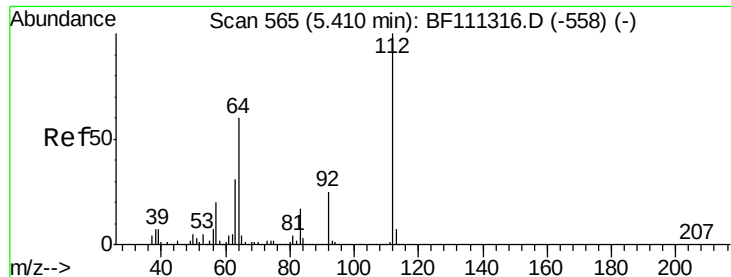
74 115.2 101.5 152.3

44 7.2 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: 82.854 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

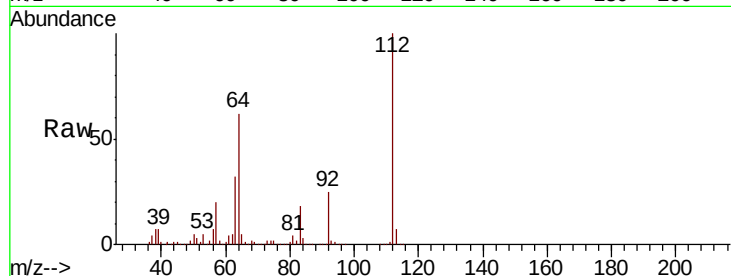
Tot Ion:112 Resp: 1390860

Ion Ratio Lower Upper

112 100

64 61.7 51.8 77.6

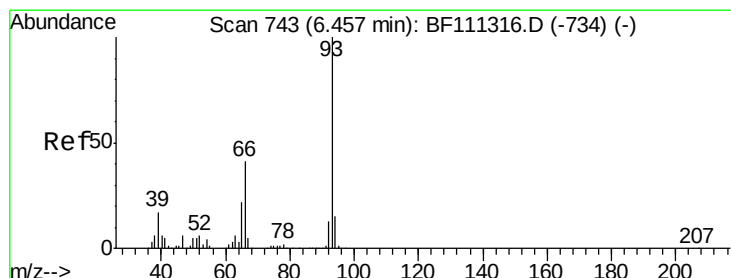
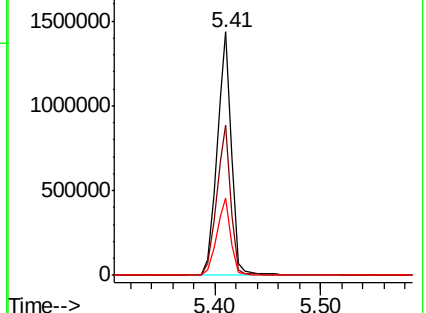
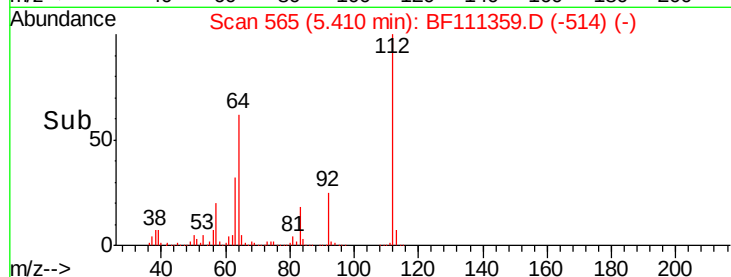
63 31.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.515 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

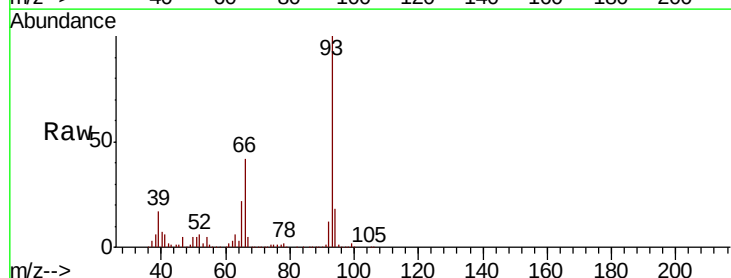
Tgt Ion: 93 Resp: 1191485

Ion Ratio Lower Upper

93 100

66 42.5 33.2 49.8

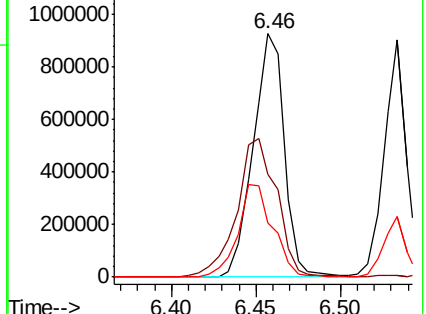
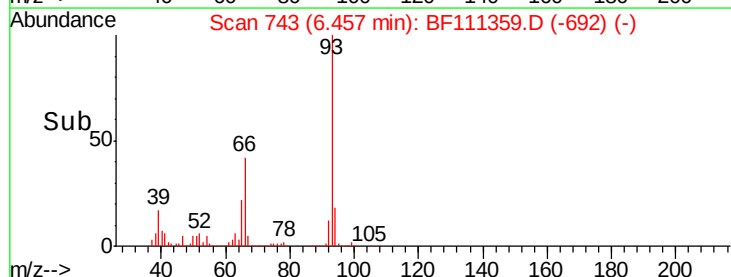
65 22.3 17.0 25.4

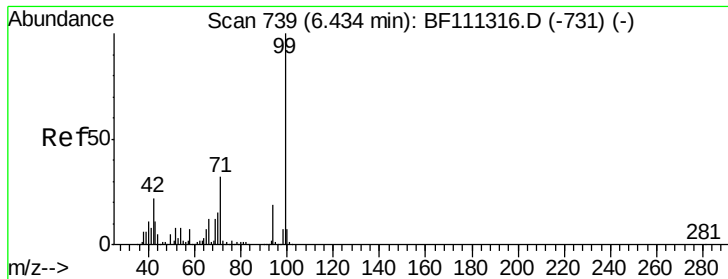


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.003 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

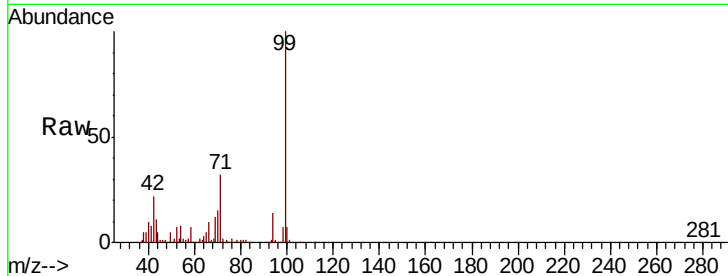
Tot Ion: 99 Resp: 1833350

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	31.9	26.1	39.1

99 100

42 21.9 17.4 26.0

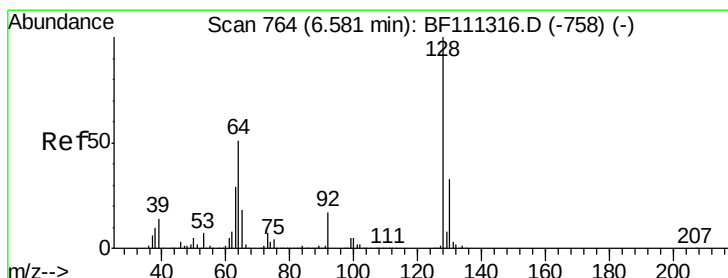
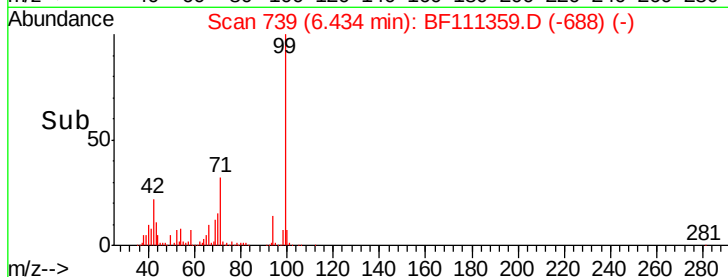
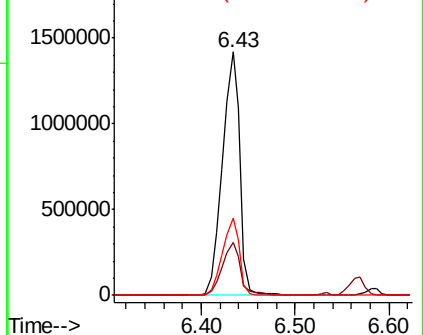
71 31.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.905 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

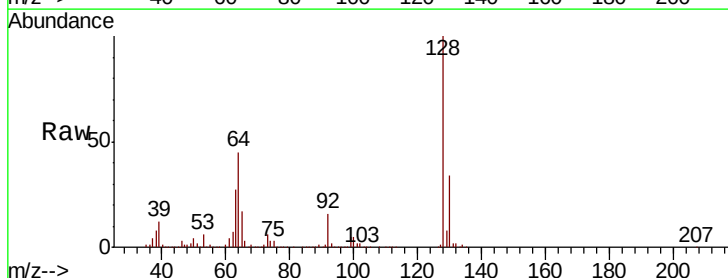
Tgt Ion: 128 Resp: 823375

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.7	52.7
64	45.1	30.0	70.0

128 100

130 33.5 12.7 52.7

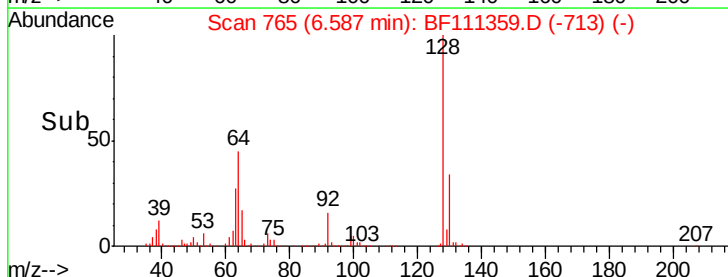
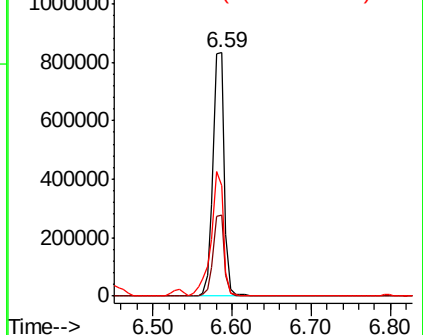
64 45.1 30.0 70.0

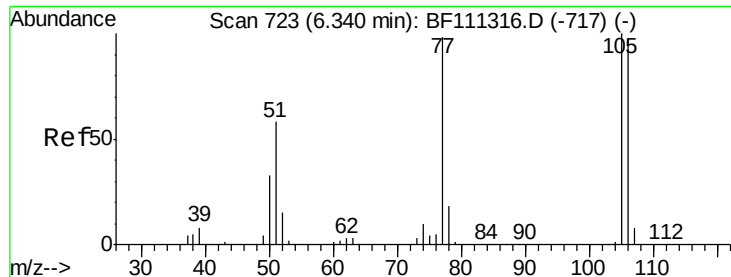


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.248 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampled :

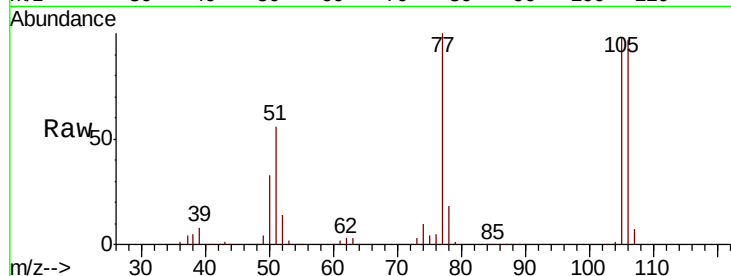
Tot Ion: 77 Resp: 509050

Ion Ratio Lower Upper

77 100

105 98.3 81.4 121.4

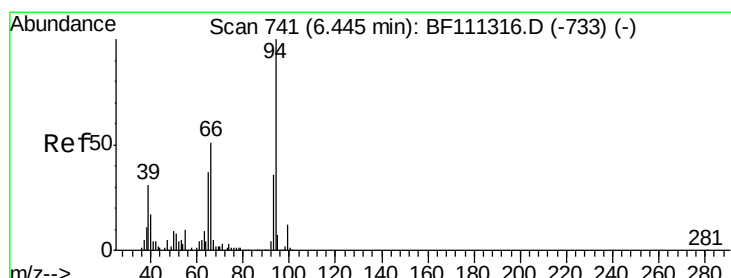
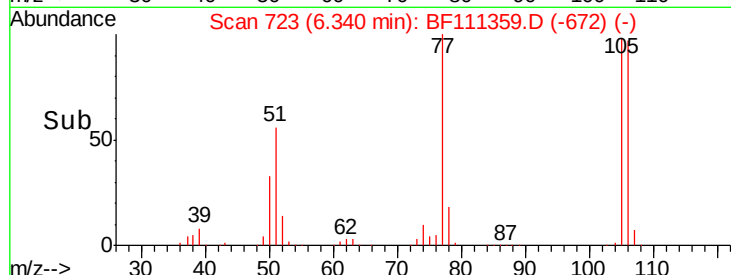
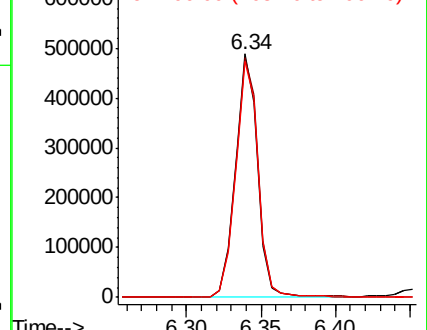
106 96.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.697 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

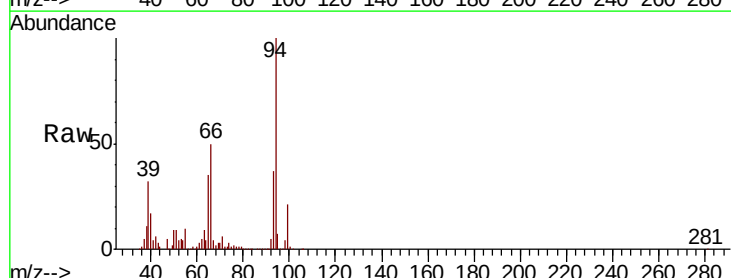
Tgt Ion: 94 Resp: 1043416

Ion Ratio Lower Upper

94 100

65 35.1 11.7 51.7

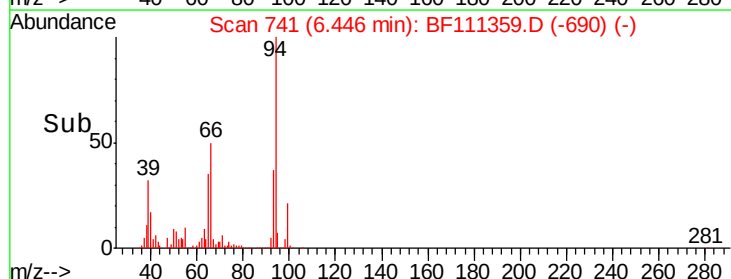
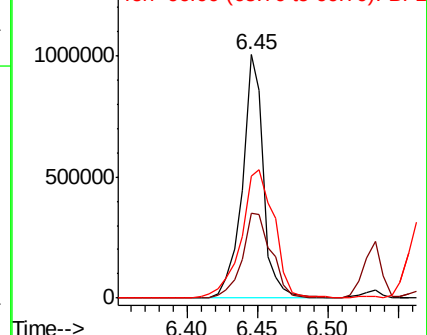
66 50.3 21.0 61.0

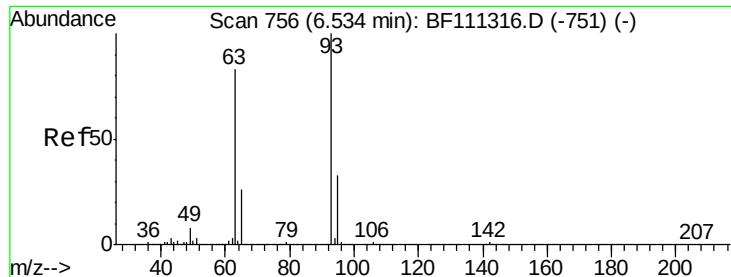


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.668 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

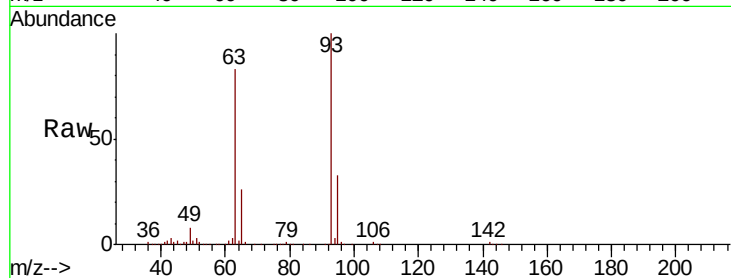
Tot Ion: 93 Resp: 800112

Ion Ratio Lower Upper

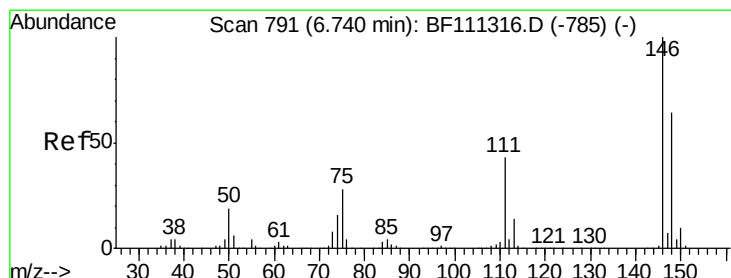
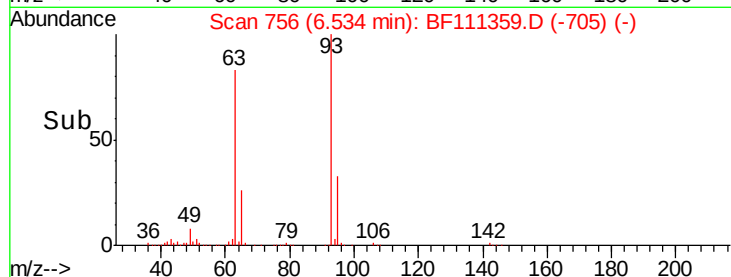
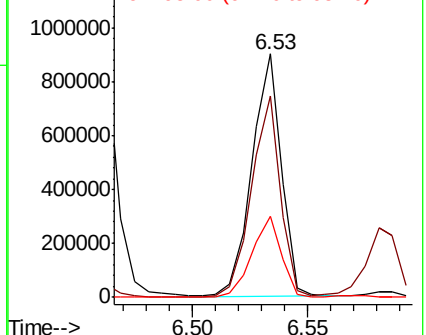
93 100

63 82.7 60.0 100.0

95 33.4 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 39.773 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

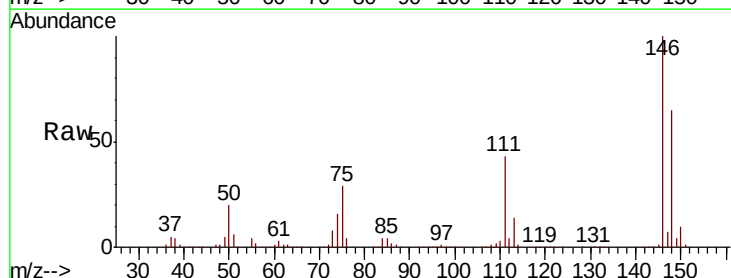
Tgt Ion: 146 Resp: 888388

Ion Ratio Lower Upper

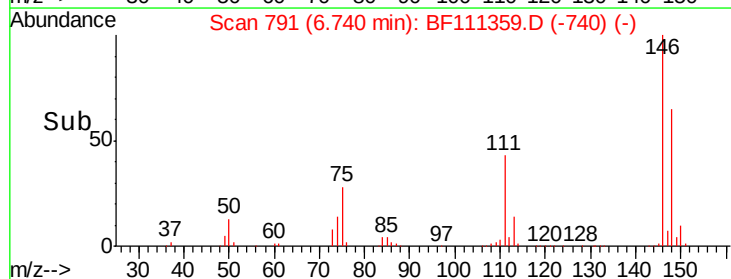
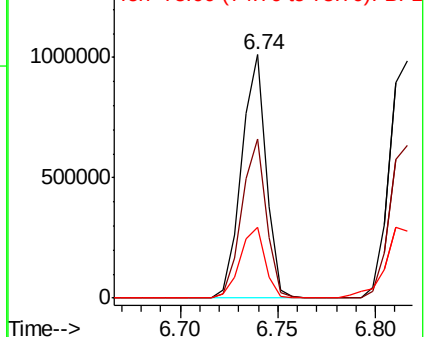
146 100

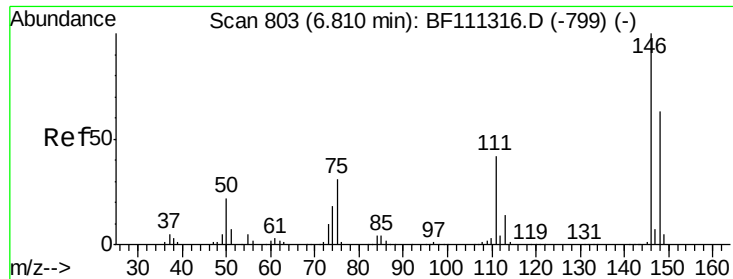
148 65.1 52.1 78.1

75 29.0 23.9 35.9



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

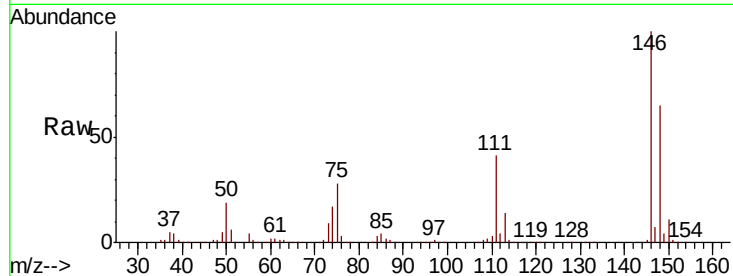




#13
 1,4-Dichlorobenzene
 Concen: 39.889 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.8	79.2
111	40.9	33.4	50.0

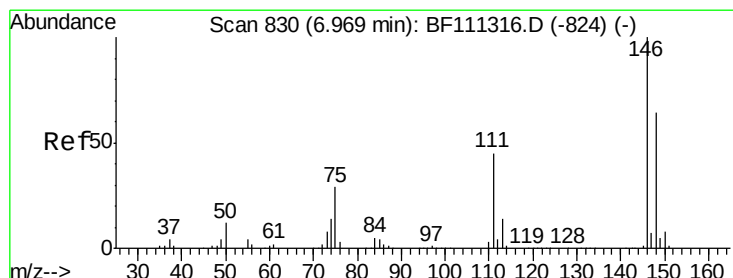
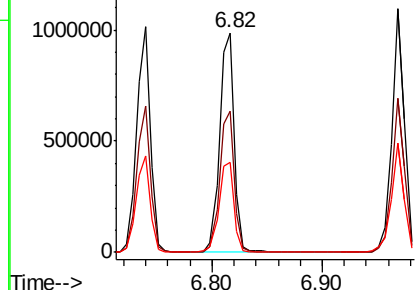
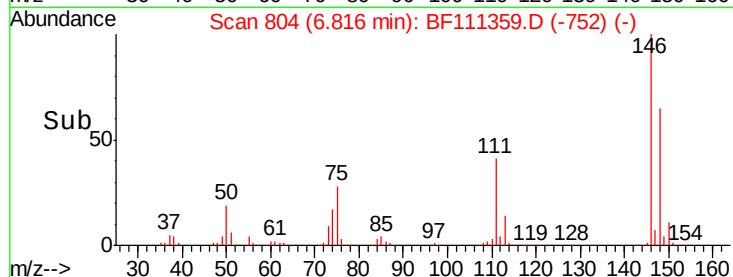


Abundance

Ion 146.00 (145.70 to 146.70): E

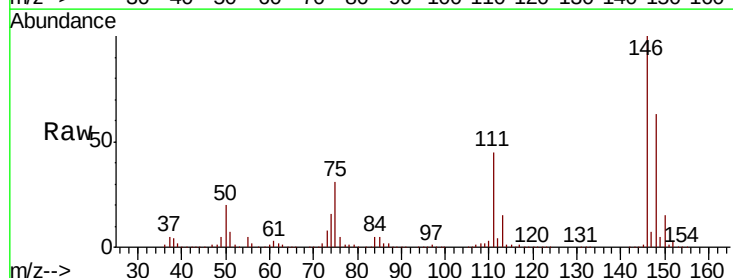
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.134 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	44.7	36.2	54.4

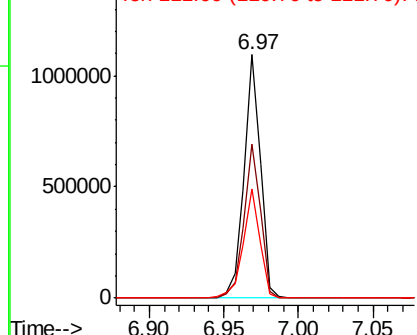
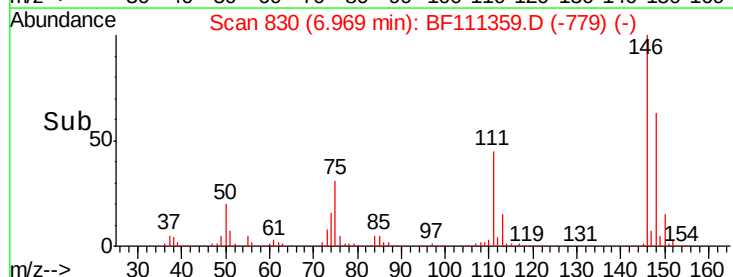


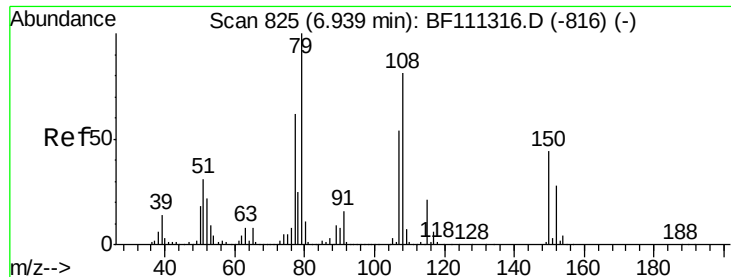
Abundance

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: 40.813 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampled :

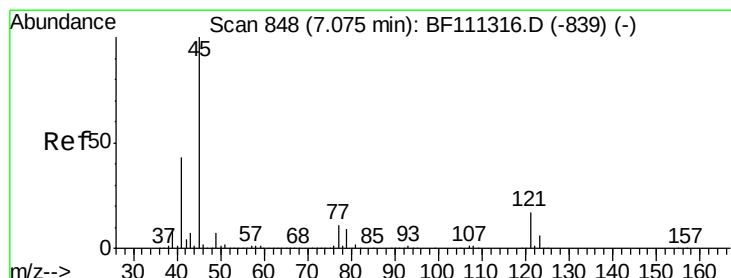
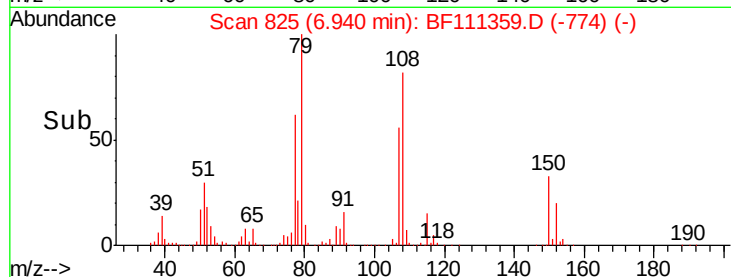
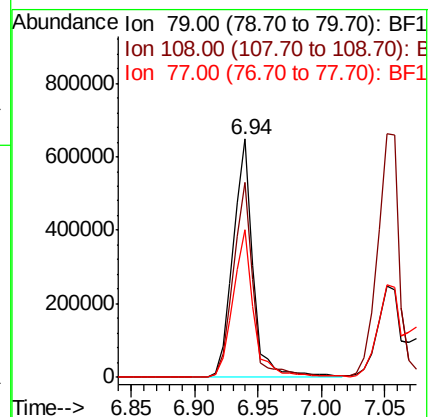
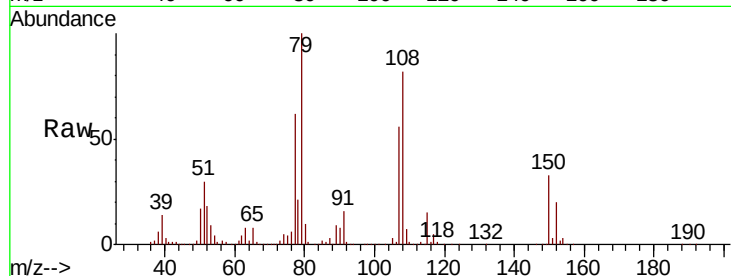
Tot Ion: 79 Resp: 707323

Ion Ratio Lower Upper

79 100

108 81.6 69.4 104.2

77 61.9 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.028 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

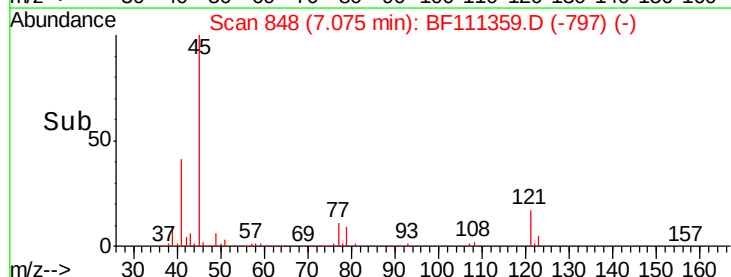
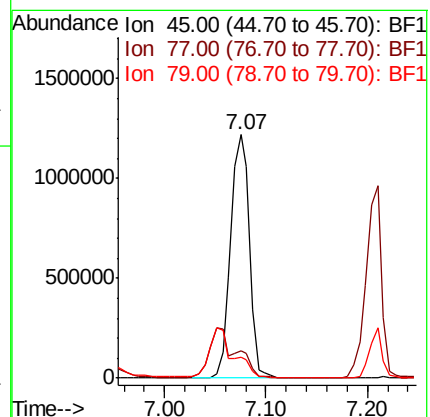
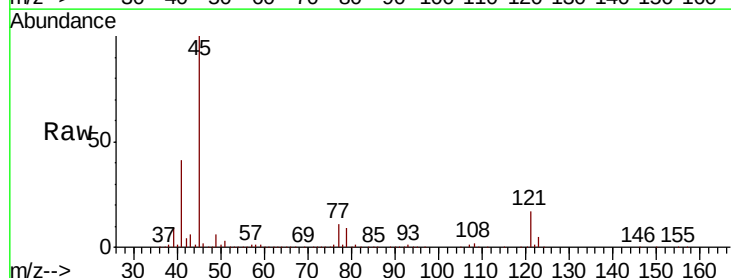
Tgt Ion: 45 Resp: 1564141

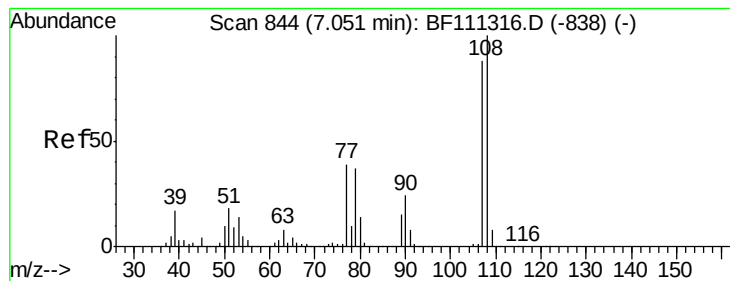
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

79 8.8 0.0 28.9





#17

2-Methylphenol

Concen: 40.875 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 681481

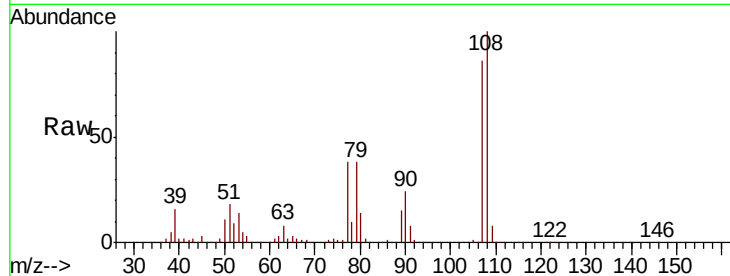
Ion Ratio Lower Upper

107 100

108 116.2 91.0 136.4

77 44.4 33.5 50.3

79 43.9 33.3 49.9

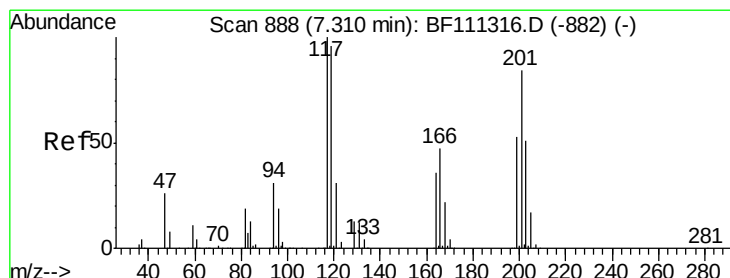
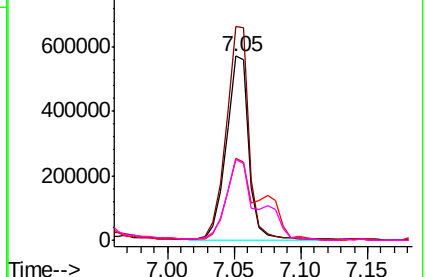
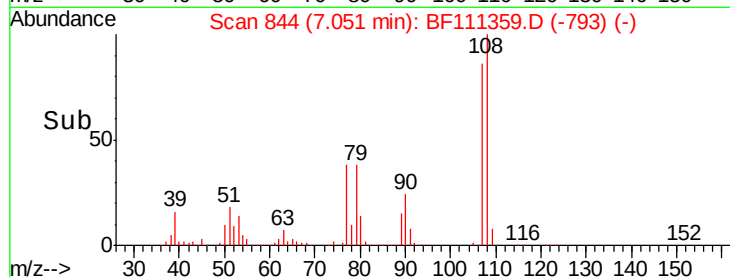


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.268 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

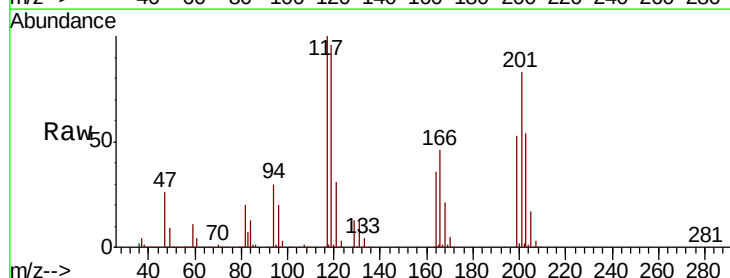
Tgt Ion:117 Resp: 329644

Ion Ratio Lower Upper

117 100

119 96.2 75.4 113.0

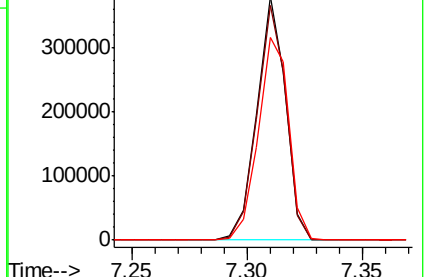
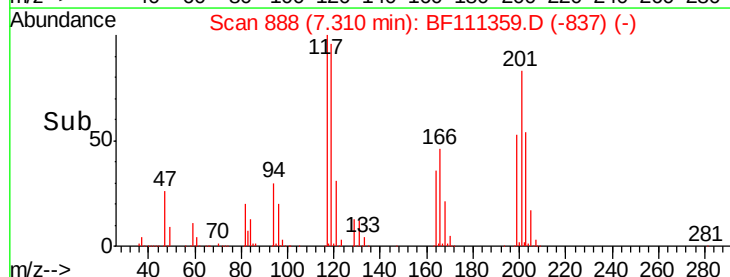
201 83.2 62.4 93.6

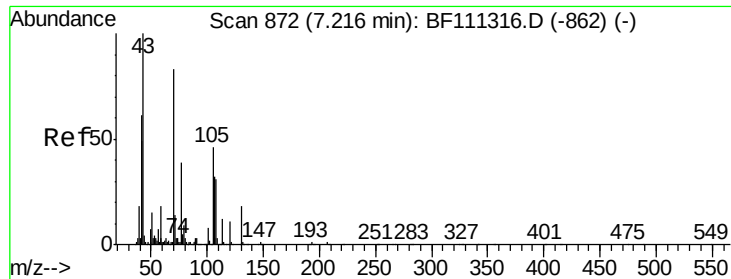


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

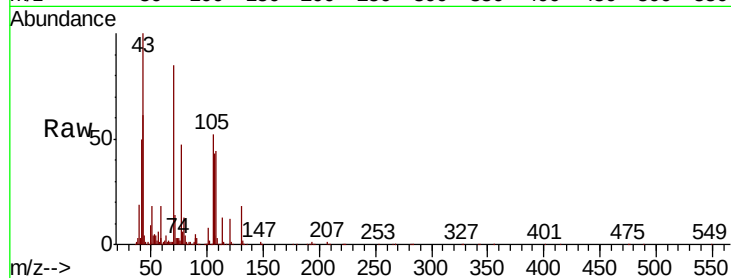




#19
n-Nitroso-di-n-propylamine
Concen: 39.078 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	53.2	79.8
101	9.5	8.2	12.4
130	20.9	18.1	27.1



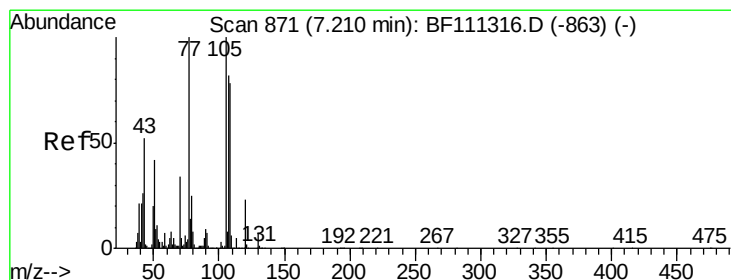
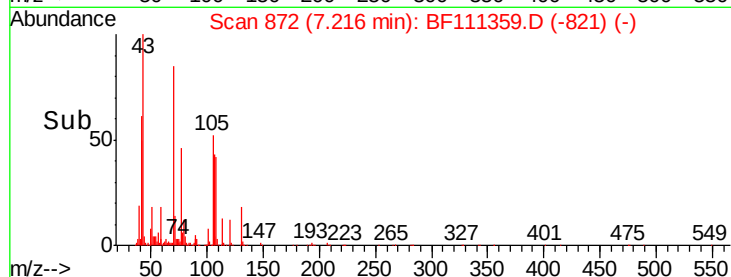
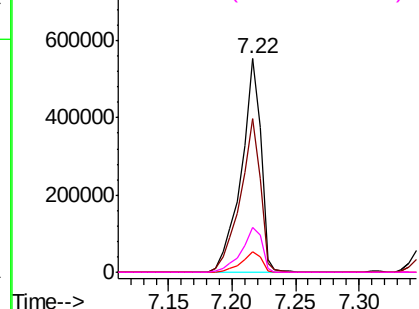
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

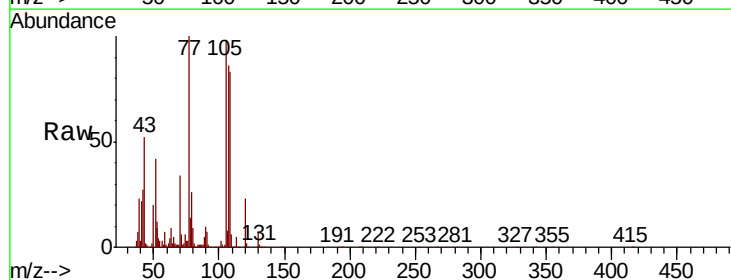
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.578 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.0	72.1	112.1
77	115.7	94.1	134.1
79	30.6	9.8	49.8



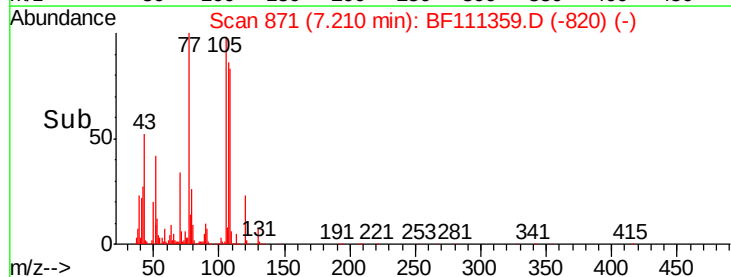
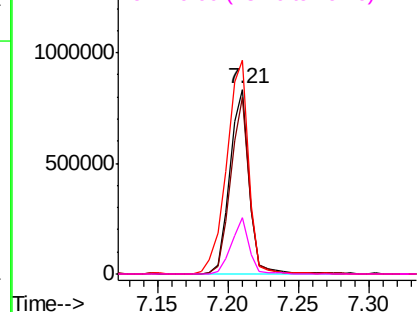
Abundance

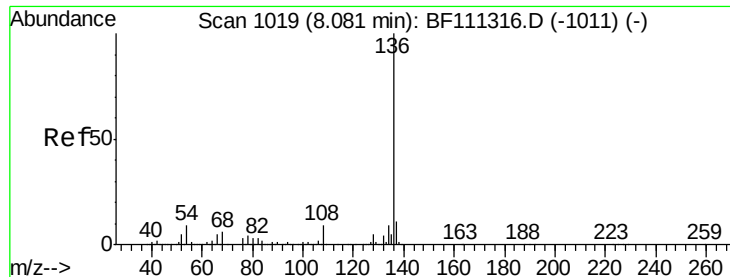
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

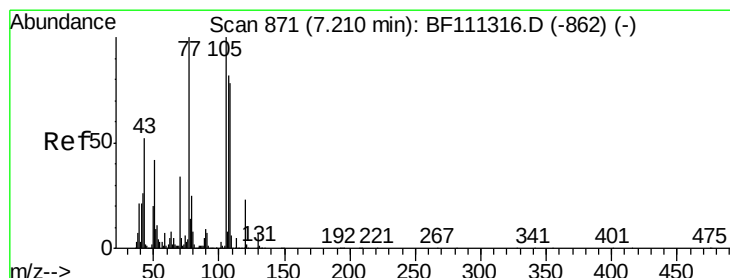
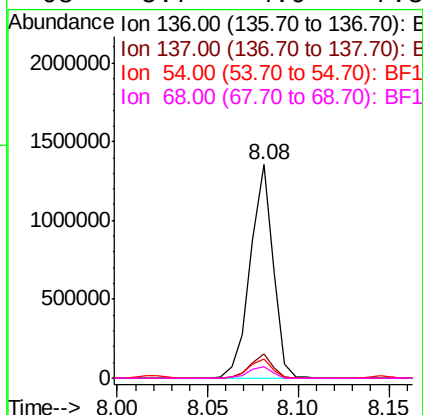
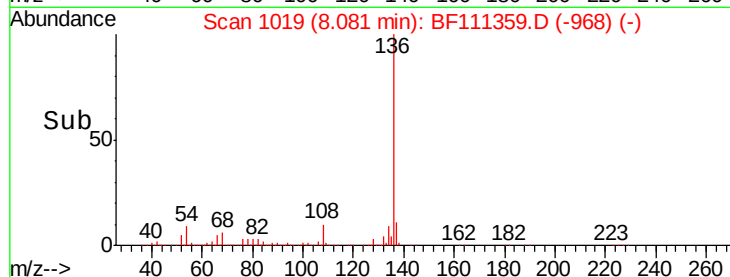
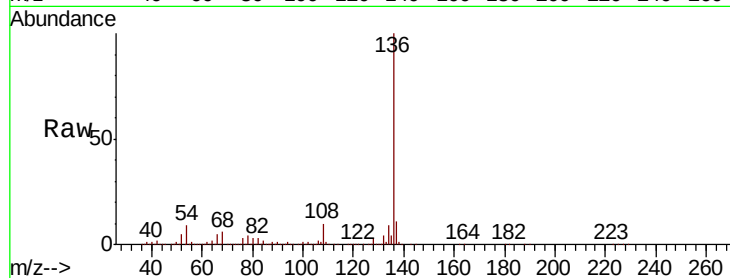




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

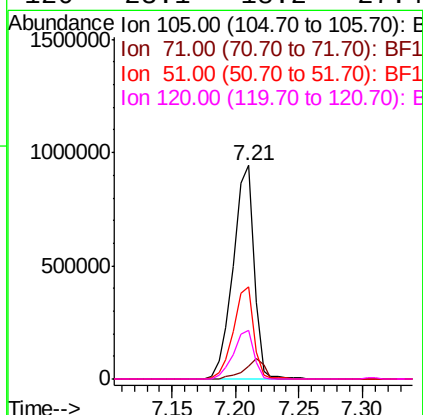
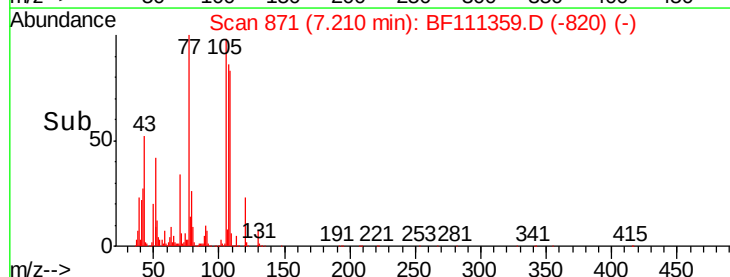
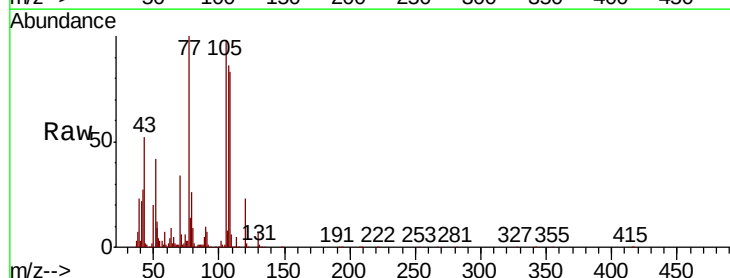
Instrument :
BNA_F
ClientSampleId :

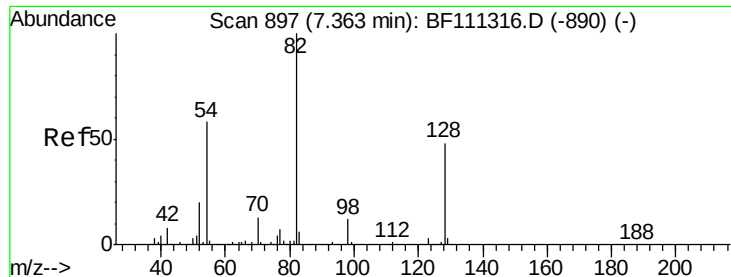
Tot Ion:136	Resp: 1189081
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 9.3	7.7 11.5
68 5.7	4.9 7.3



#22
Acetophenone
Concen: 38.907 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt	Ion:105	Resp:	1074637
Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.1	4.7#
51	43.2	36.6	54.8
120	23.1	18.2	27.4

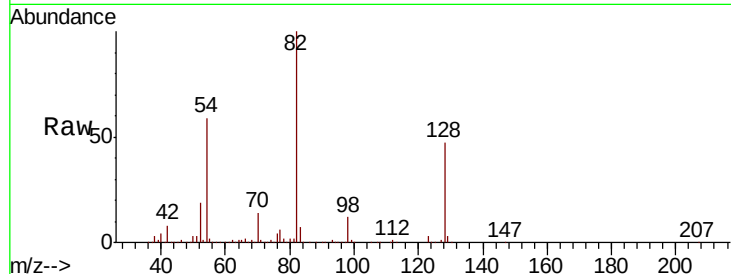




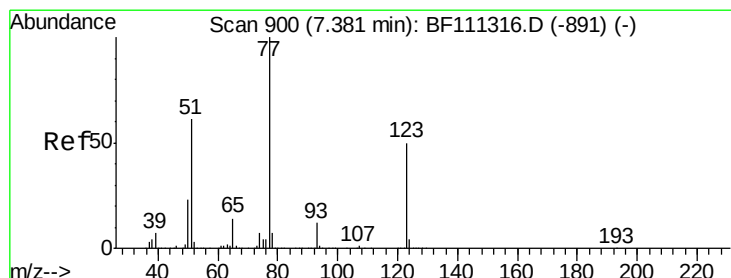
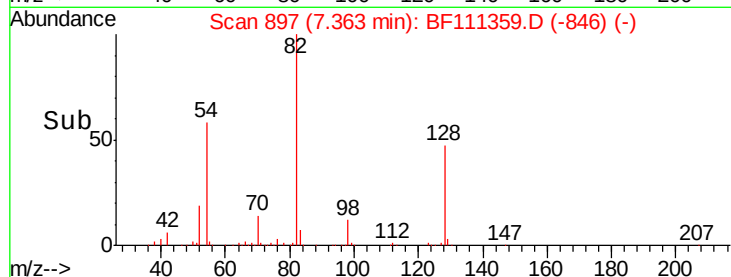
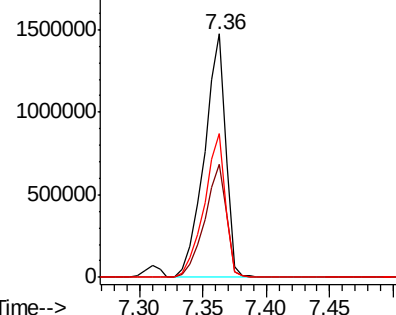
#23
Nitrobenzene-d5
Concen: 81.991 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1729739
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 58.8 47.6 71.4

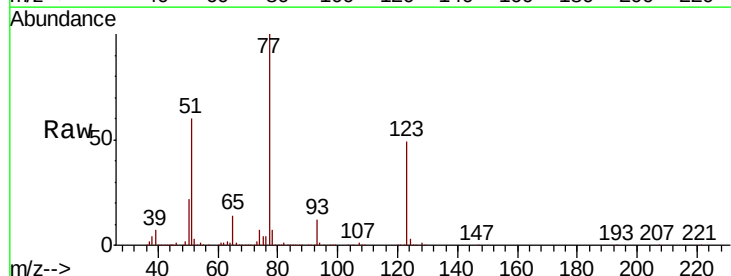


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

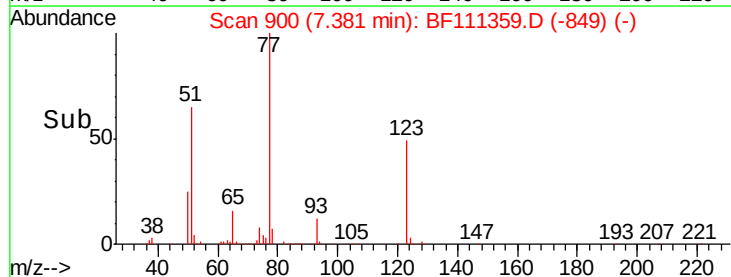
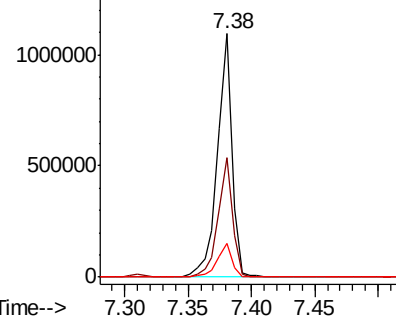


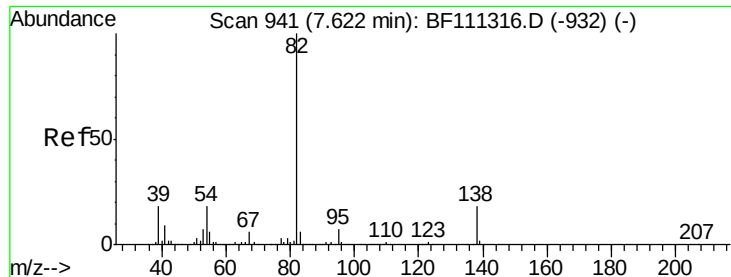
#24
Nitrobenzene
Concen: 39.797 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion: 77 Resp: 864800
Ion Ratio Lower Upper
77 100
123 49.1 37.2 55.8
65 14.1 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

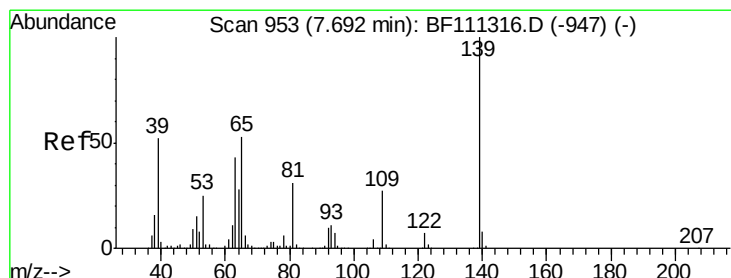
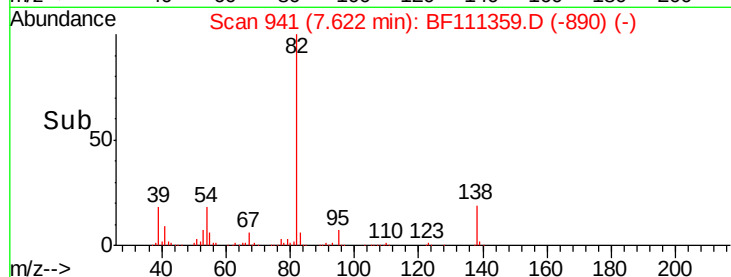
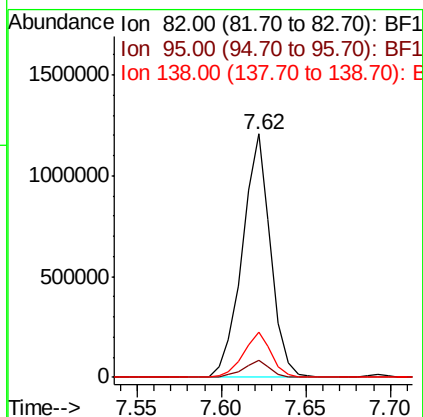
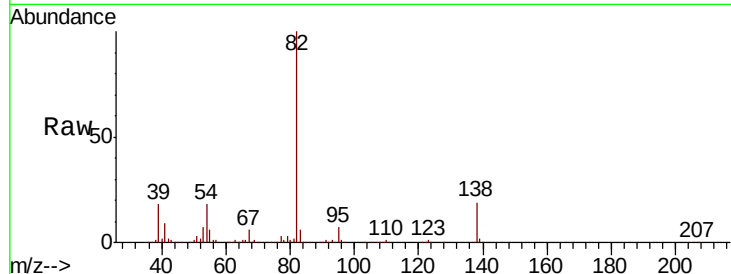




#25
Isophorone
Concen: 39.295 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

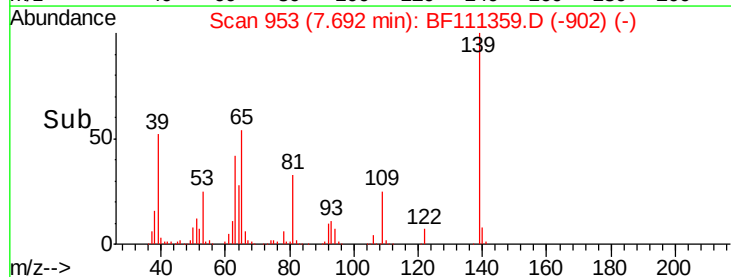
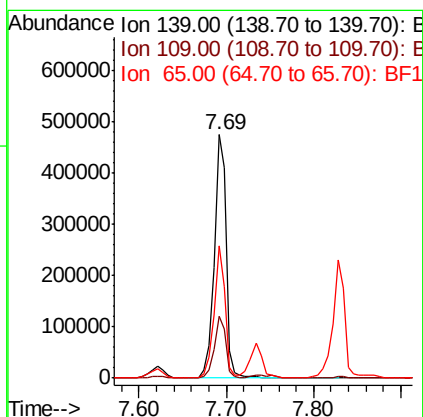
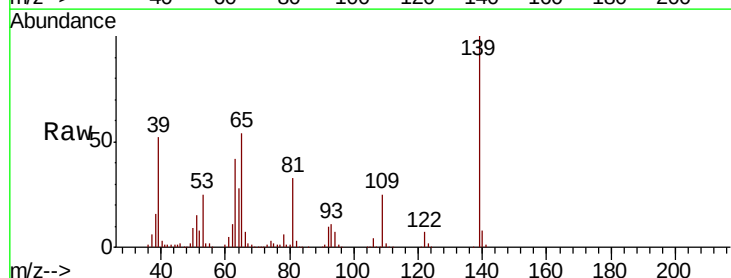
Instrument :
BNA_F
ClientSampleId :

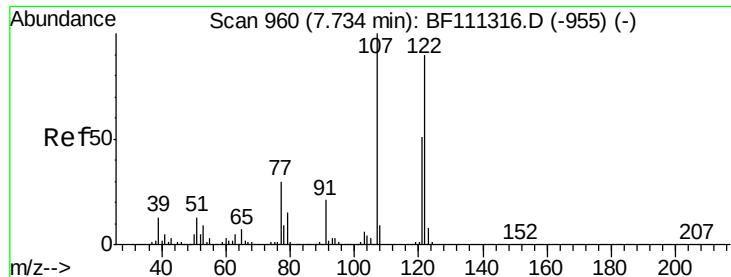
Tot Ion: 82 Resp: 1408166
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 18.6 15.1 22.7



#26
2-Nitrophenol
Concen: 42.260 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion: 139 Resp: 451387
Ion Ratio Lower Upper
139 100
109 25.3 20.2 30.4
65 54.3 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 40.312 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampled :

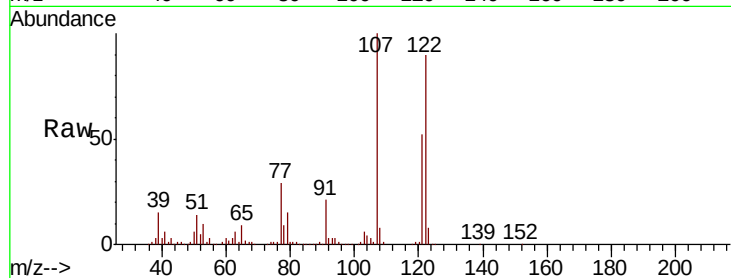
Tot Ion:122 Resp: 653626

Ion Ratio Lower Upper

122 100

107 111.3 85.5 128.3

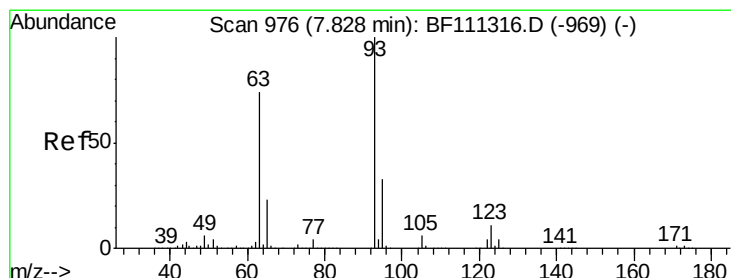
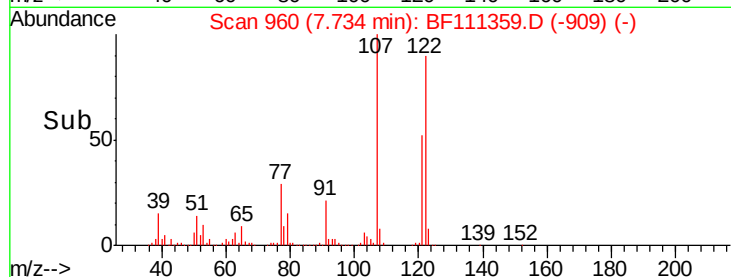
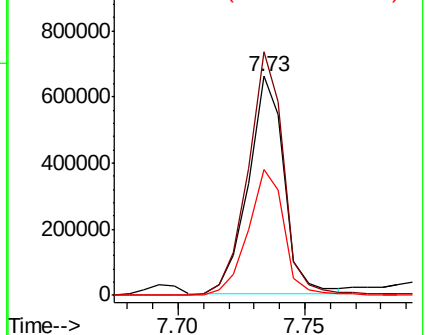
121 57.8 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.474 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

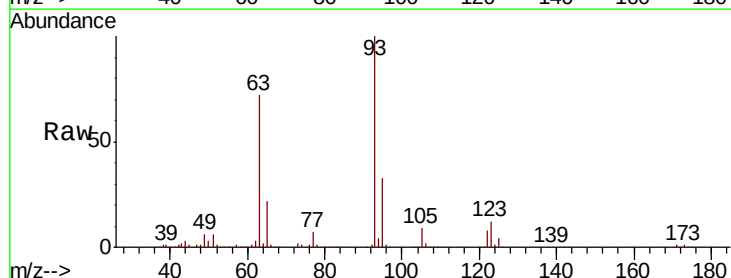
Tgt Ion: 93 Resp: 970941

Ion Ratio Lower Upper

93 100

95 33.3 27.1 40.7

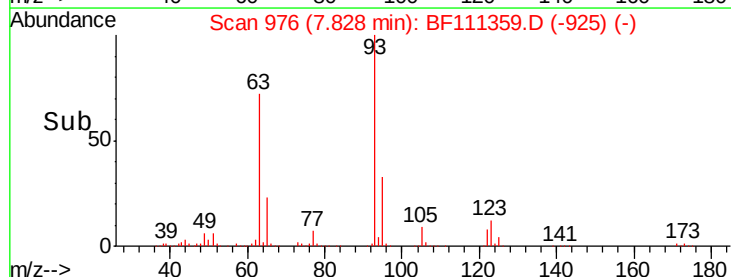
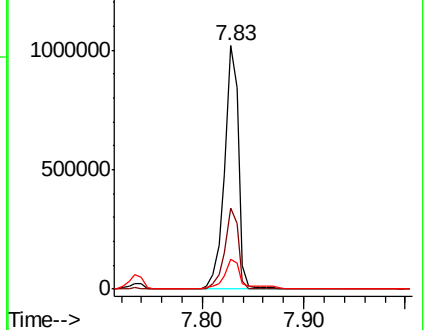
123 12.1 9.9 14.9

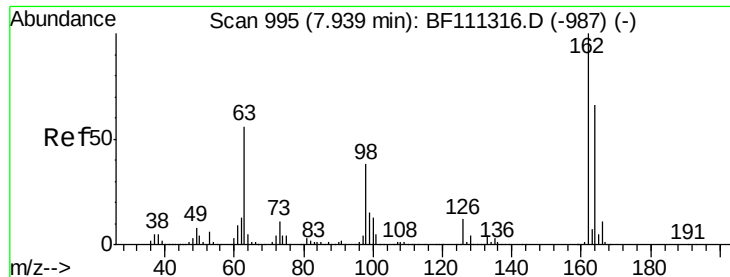


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

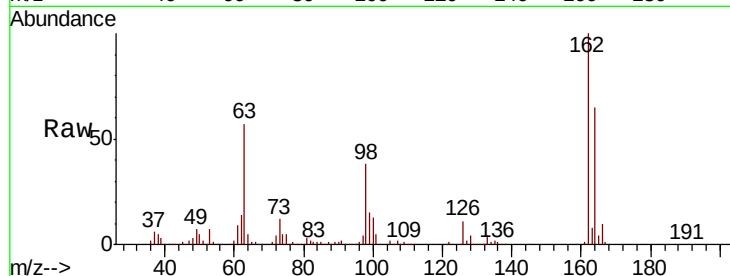




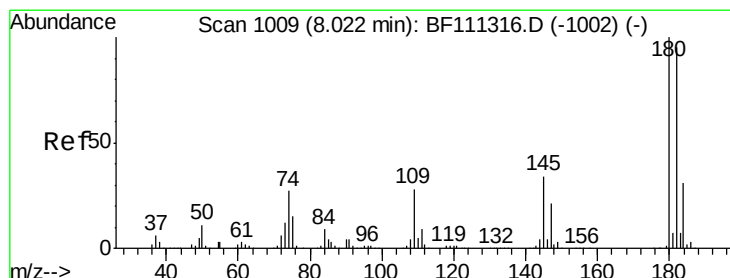
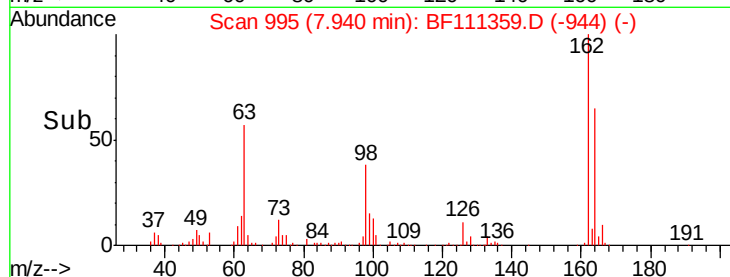
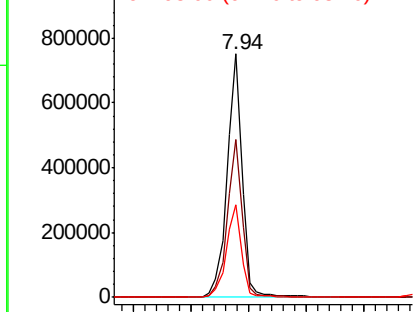
#29
2,4-Dichlorophenol
Concen: 40.244 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	38.0	20.3	60.3

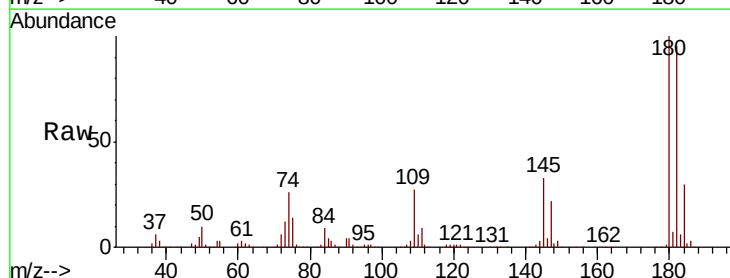


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

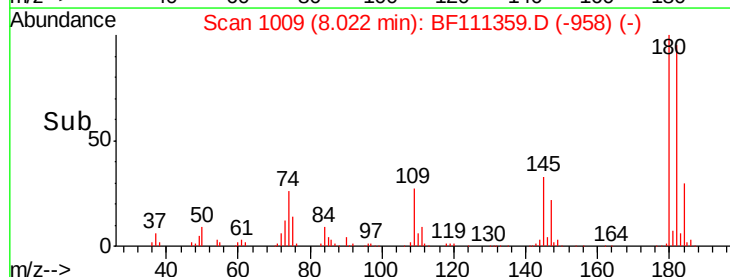
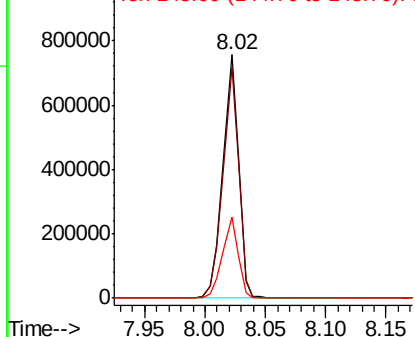


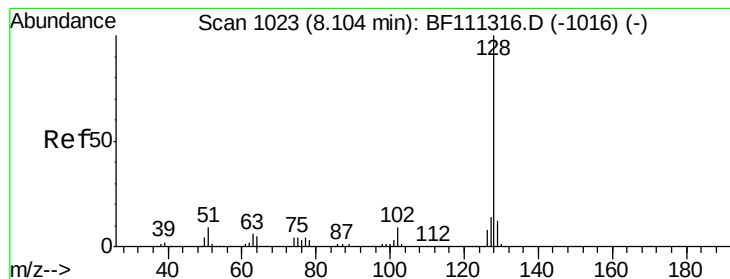
#30
1,2,4-Trichlorobenzene
Concen: 39.768 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.6	113.4
145	33.0	26.7	40.1



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





#31

Naphthalene

Concen: 39.726 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

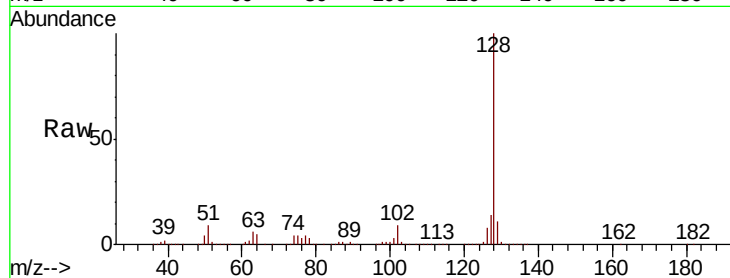
Tot Ion:128 Resp: 2200853

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

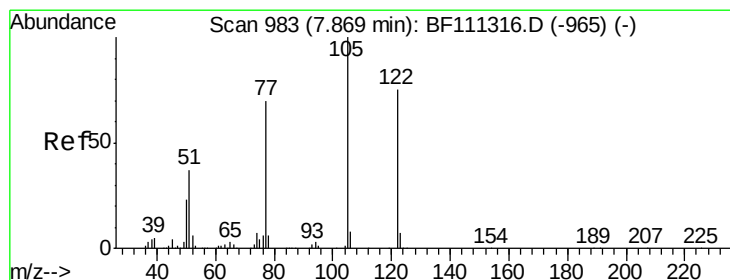
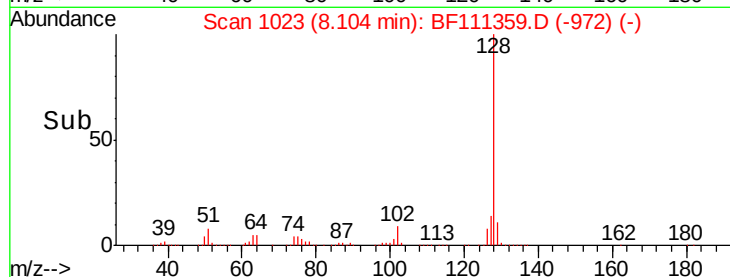
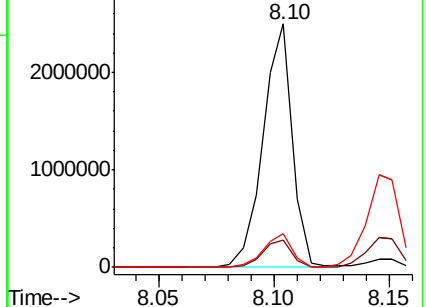
127 13.7 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.330 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

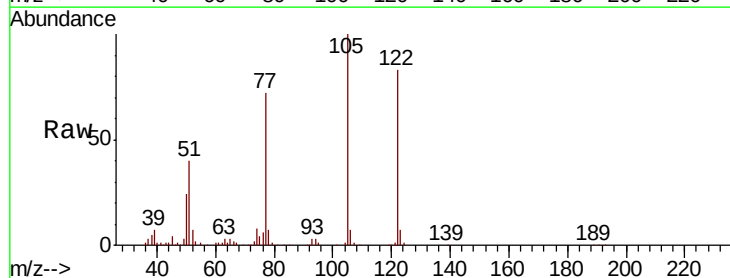
Tgt Ion:122 Resp: 408805

Ion Ratio Lower Upper

122 100

105 120.7 97.0 137.0

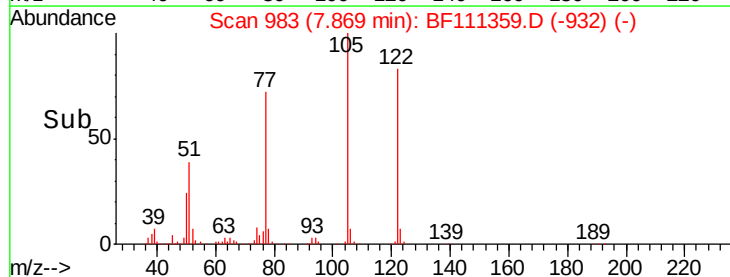
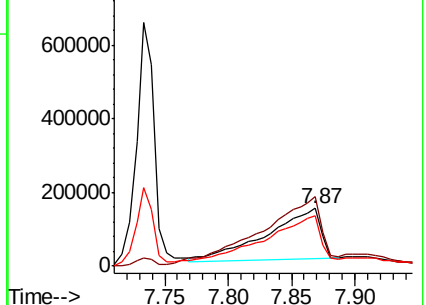
77 86.9 65.7 105.7

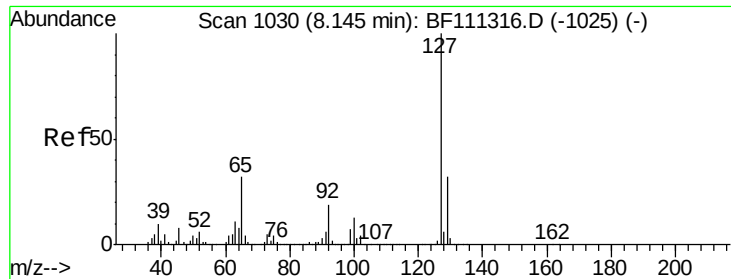


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

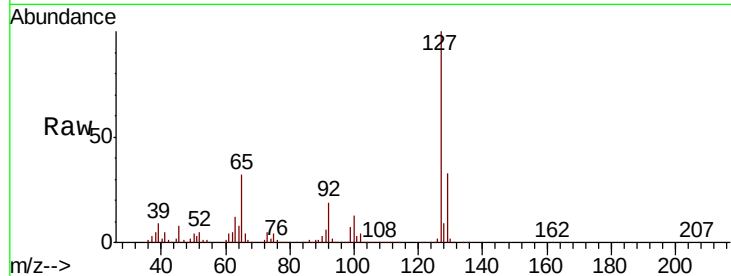




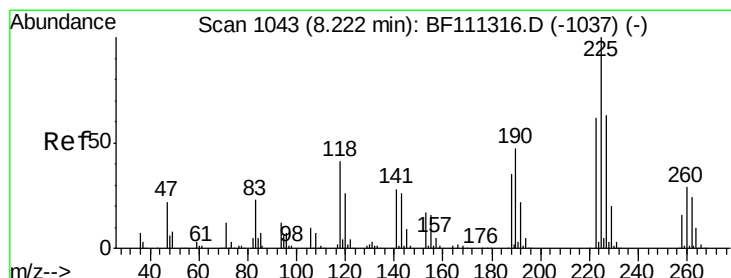
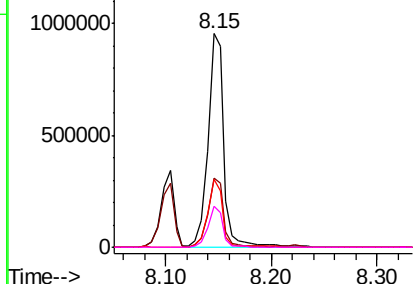
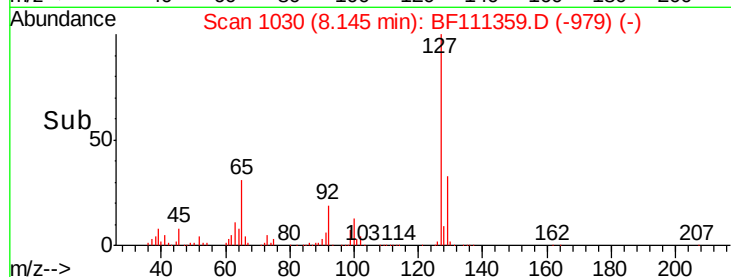
#33
4-Chloroaniline
Concen: 42.002 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	993771
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	31.6	25.7	38.5
92	19.1	15.4	23.2

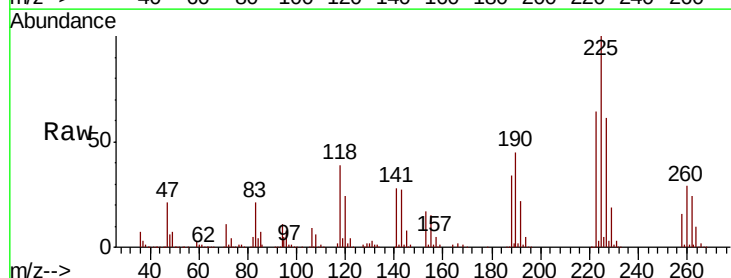


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

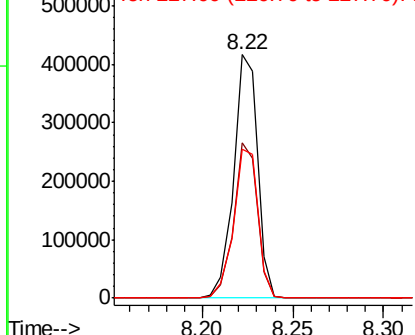
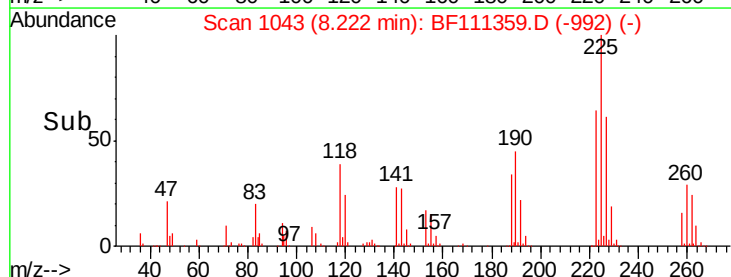


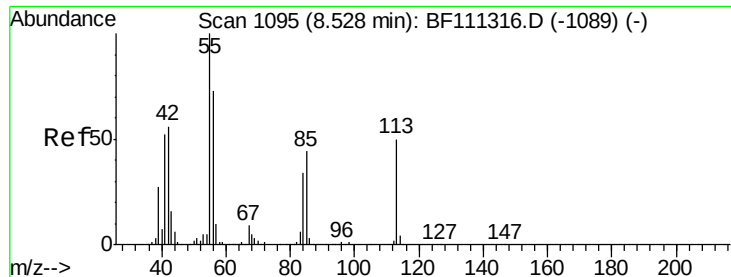
#34
Hexachlorobutadiene
Concen: 39.789 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:	225	Resp:	383616
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	61.4	52.6	78.8



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

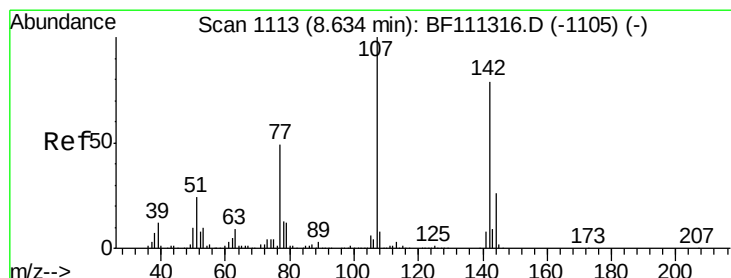
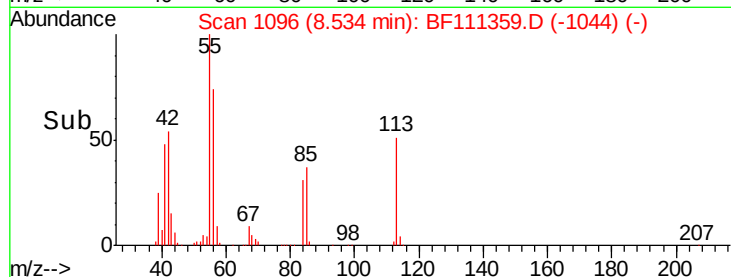
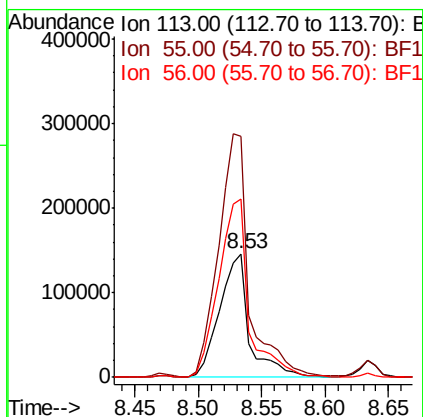
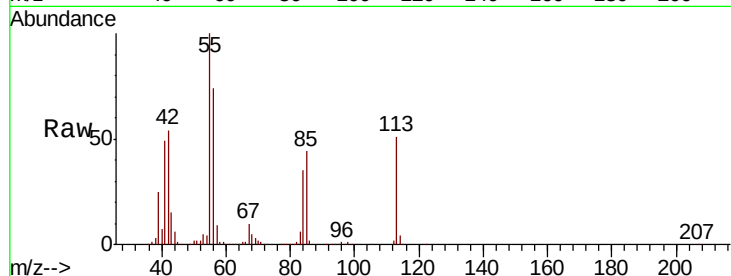




#35
Caprolactam
Concen: 40.360 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

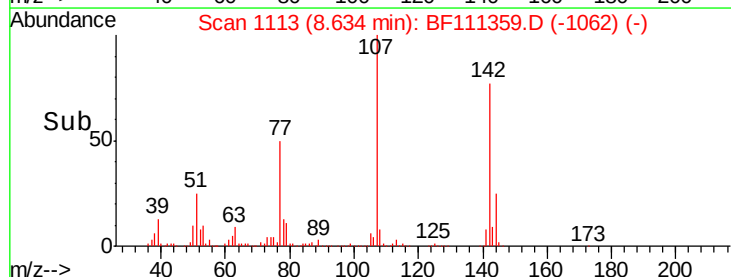
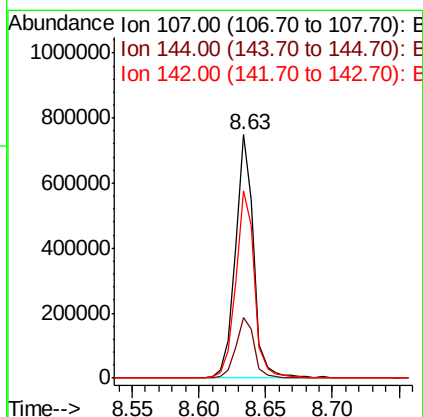
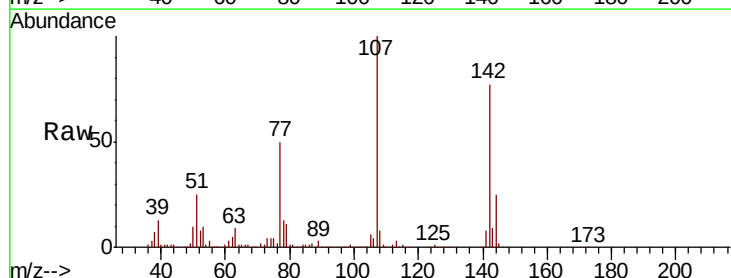
Instrument :
BNA_F
ClientSampleId :

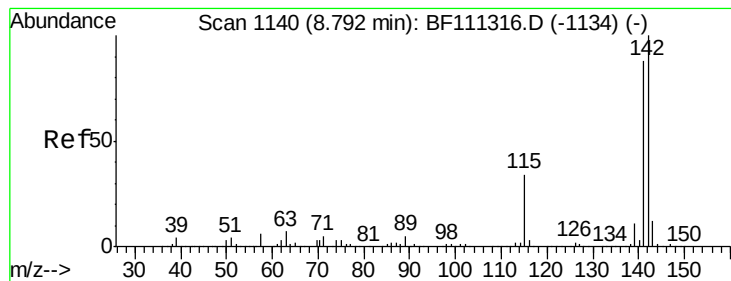
Tot Ion	Ratio	Lower	Upper
113	100		
55	194.6	184.1	224.1
56	144.5	126.0	166.0



#36
4-Chloro-3-methylphenol
Concen: 39.956 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	77.1	62.3	93.5





#37

2-Methylnaphthalene

Concen: 39.734 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

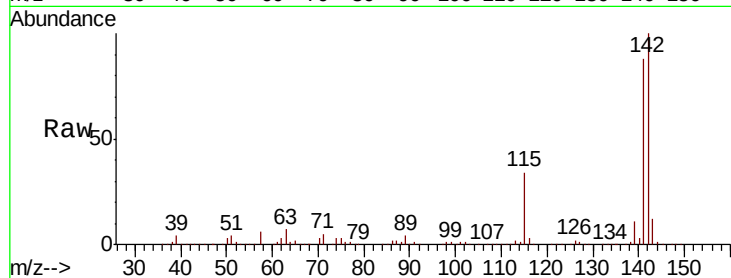
Tot Ion:142 Resp: 1422973

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

115 33.6 27.0 40.6

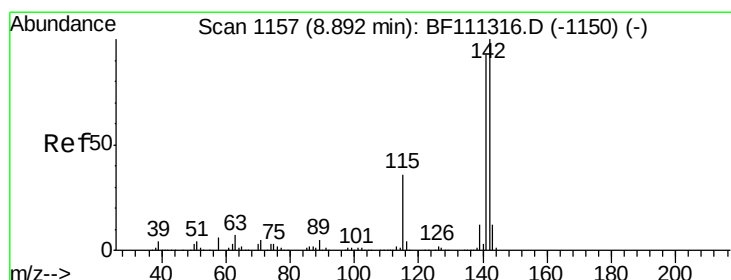
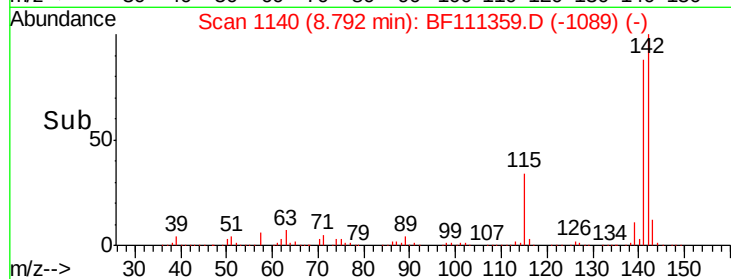
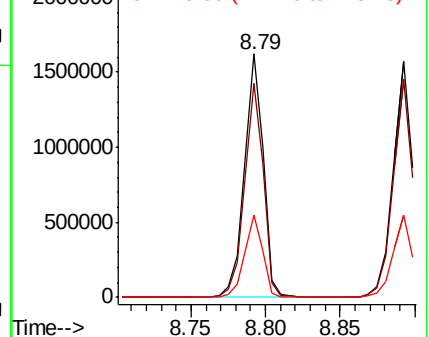


Abundance

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: 39.397 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

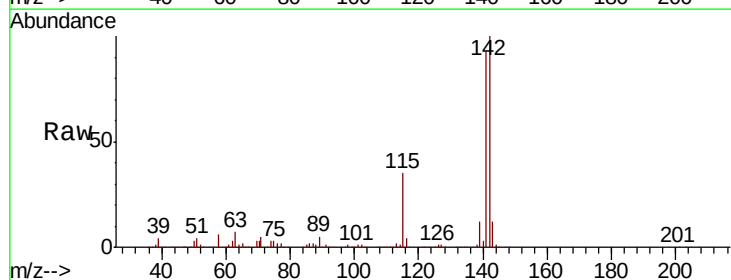
Tgt Ion:142 Resp: 1361735

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

116 3.7 2.9 4.3

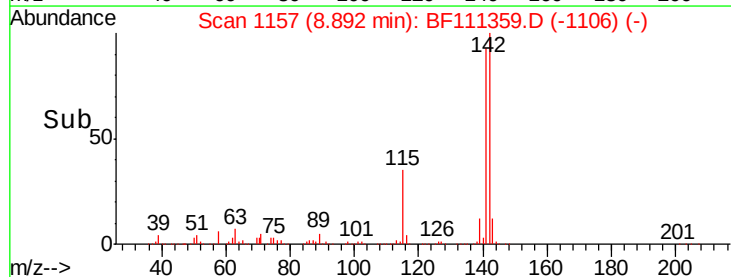
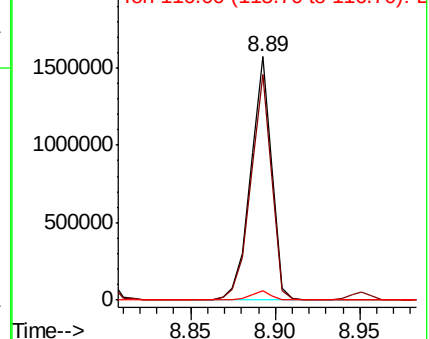


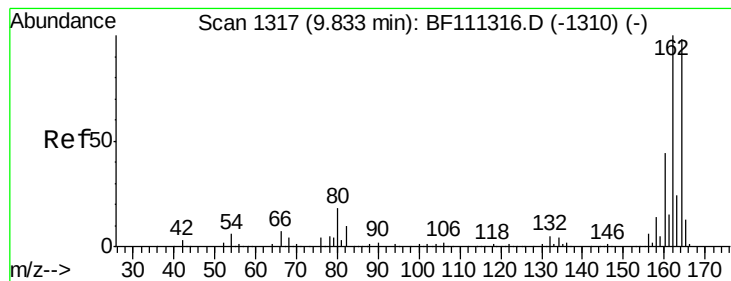
Abundance

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: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

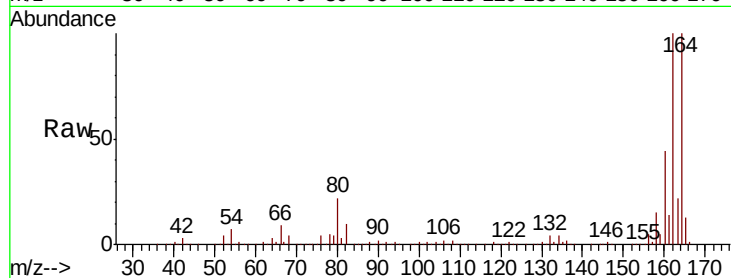
Tot Ion:164 Resp: 547667

Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

160 43.6 35.7 53.5

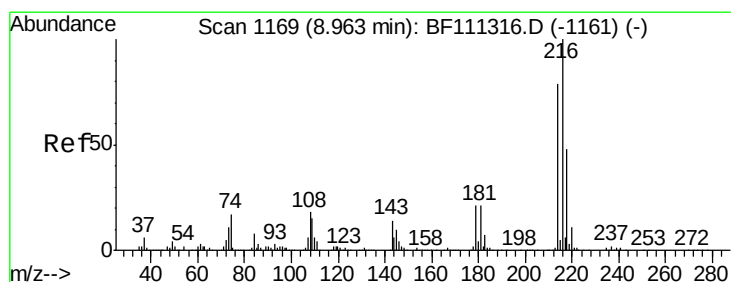
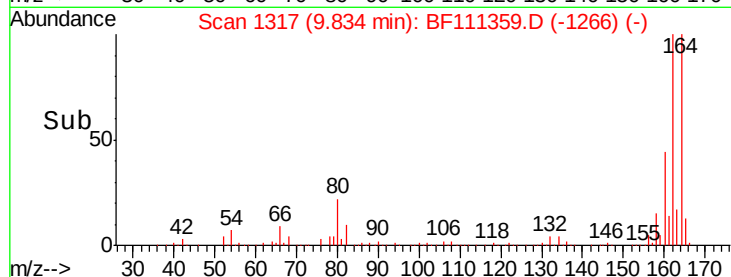
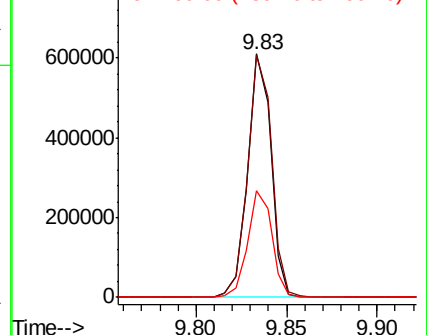


Abundance

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: 39.207 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tgt Ion:216 Resp: 603567

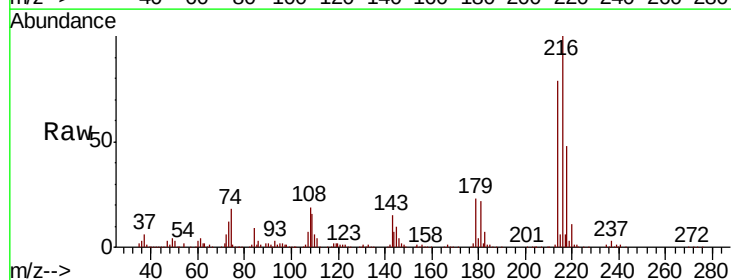
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 22.4 17.9 26.9

108 21.7 18.4 27.6



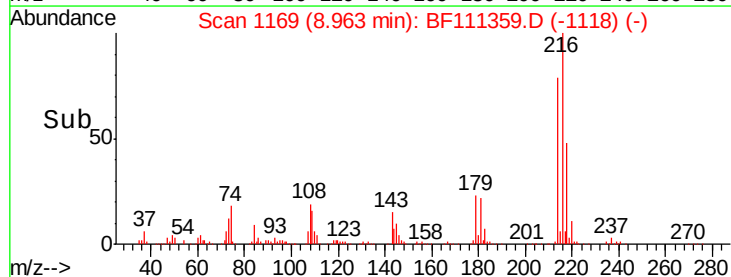
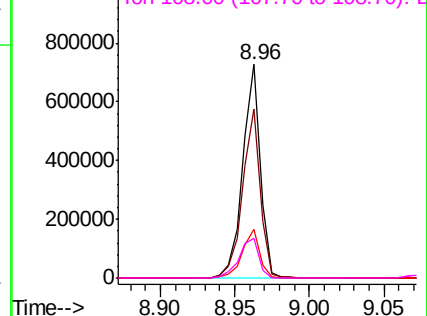
Abundance

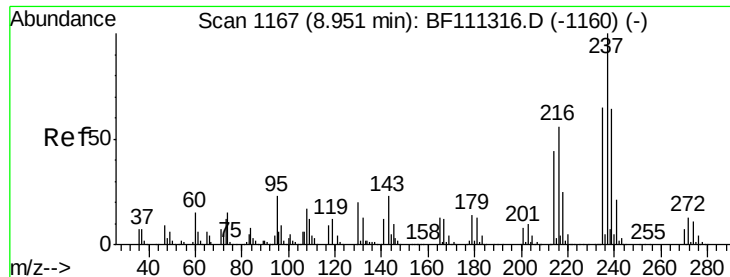
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

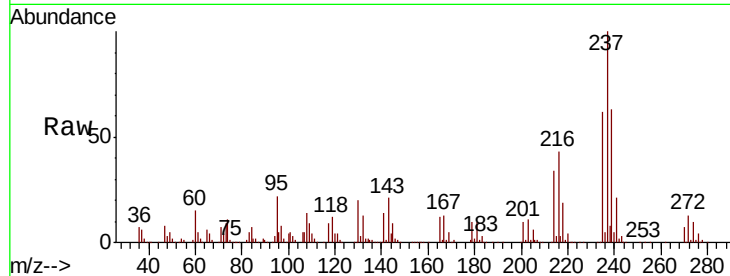




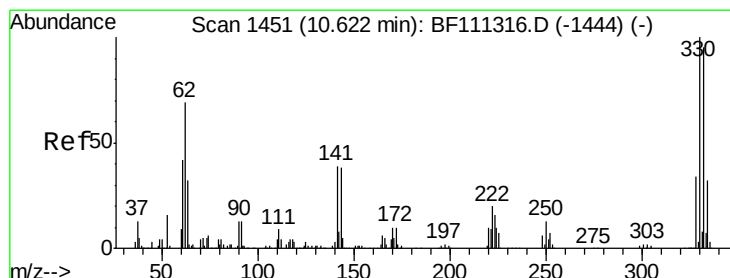
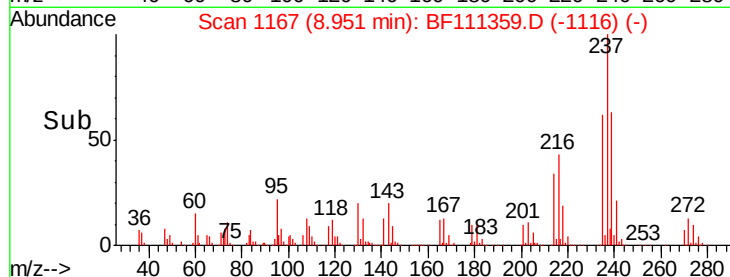
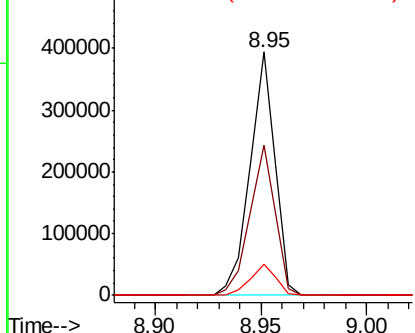
#41
Hexachlorocyclopentadiene
Concen: 40.706 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.1	83.1
272	12.7	0.0	33.0

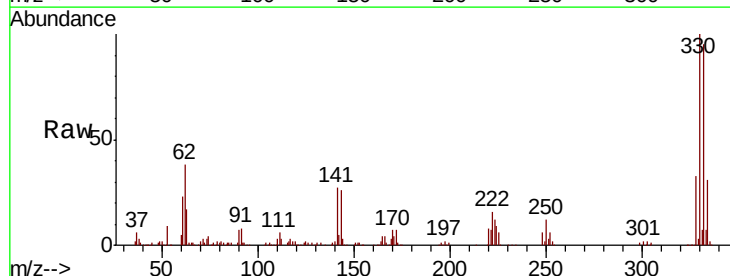


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

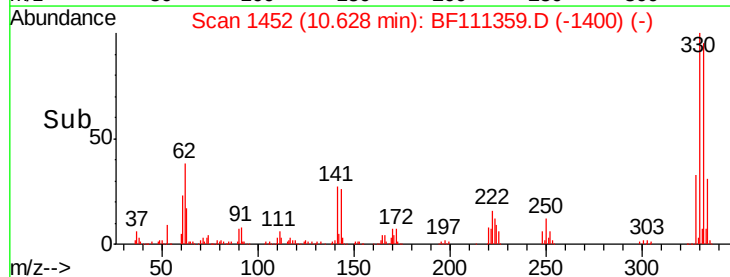
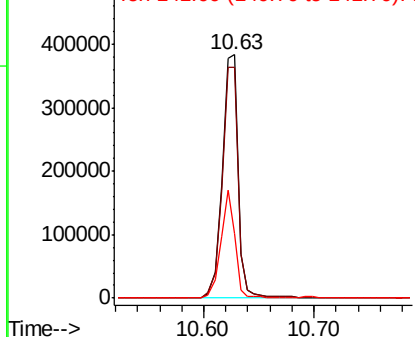


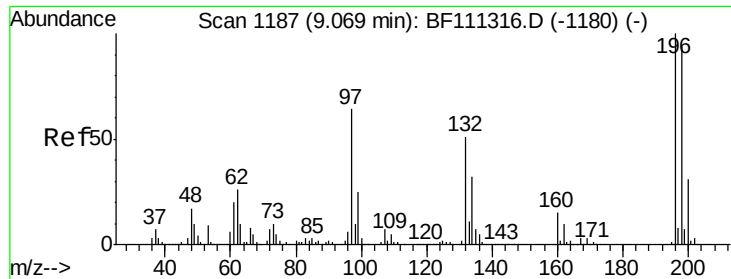
#42
2,4,6-Tribromophenol
Concen: 80.636 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	38.9	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

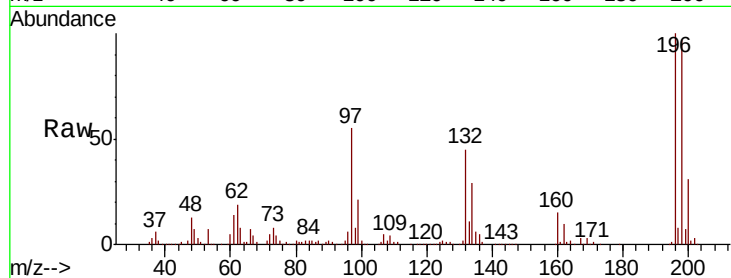




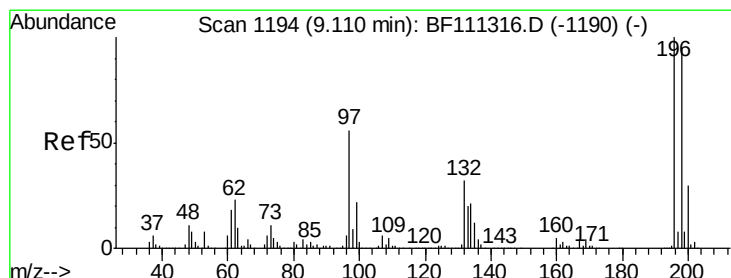
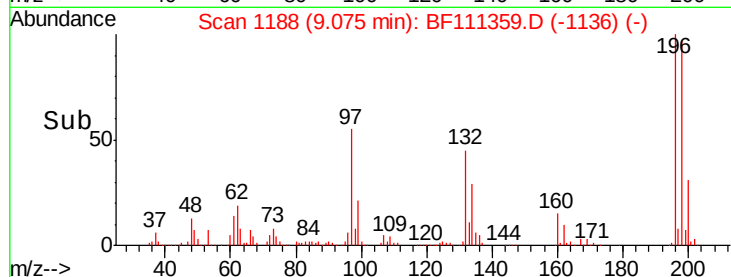
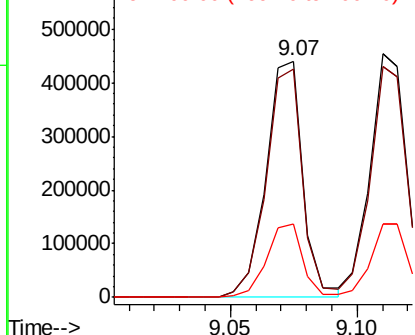
#43
2,4,6-Trichlorophenol
Concen: 40.665 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 448072
Ion Ratio Lower Upper
196 100
198 96.9 76.3 114.5
200 30.9 24.9 37.3

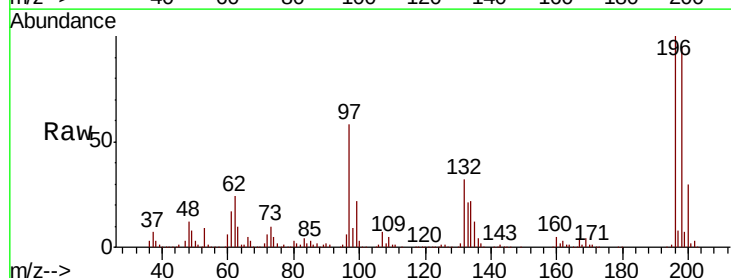


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

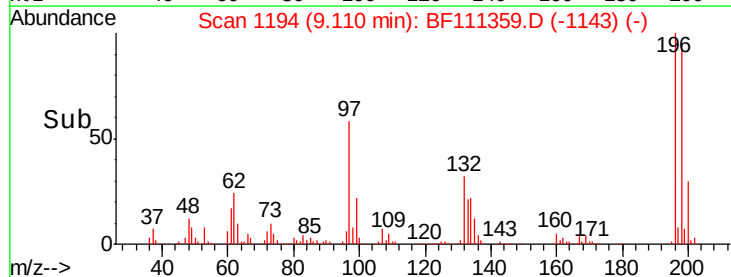
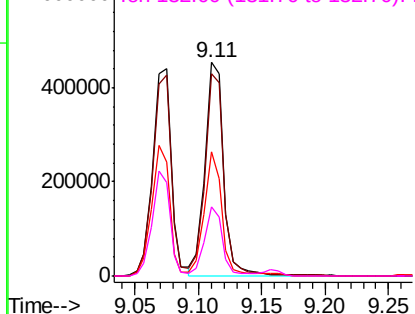


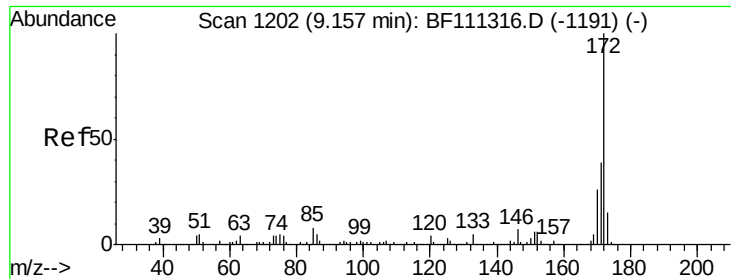
#44
2,4,5-Trichlorophenol
Concen: 40.478 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:196 Resp: 471358
Ion Ratio Lower Upper
196 100
198 94.6 72.9 109.3
97 58.2 45.3 67.9
132 32.1 25.5 38.3



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

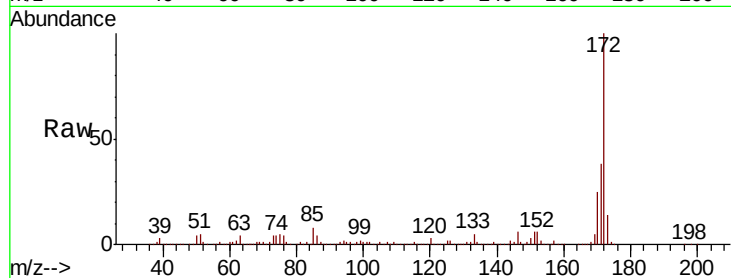




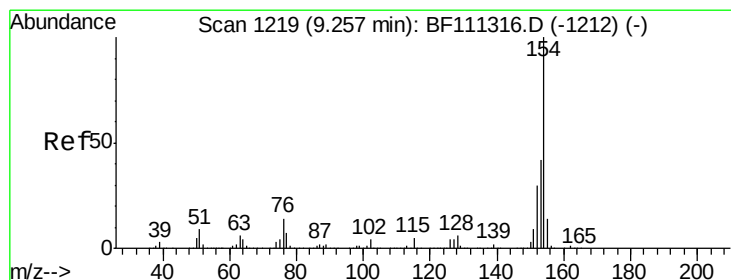
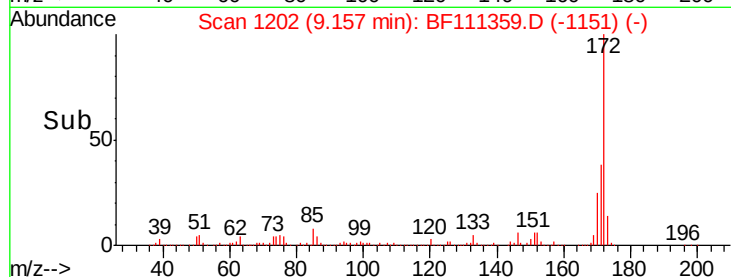
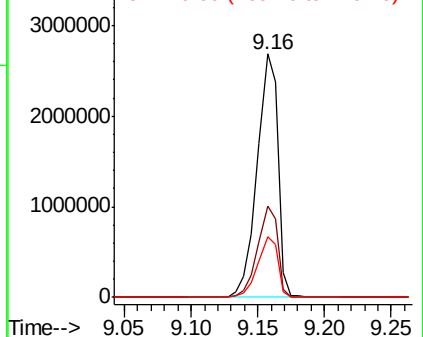
#45
2-Fluorobiphenyl
Concen: 83.680 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2854505
Ion Ratio Lower Upper
172 100
171 37.6 33.0 49.4
170 24.8 22.3 33.5

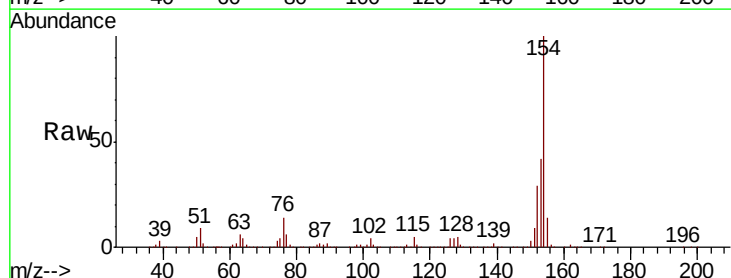


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

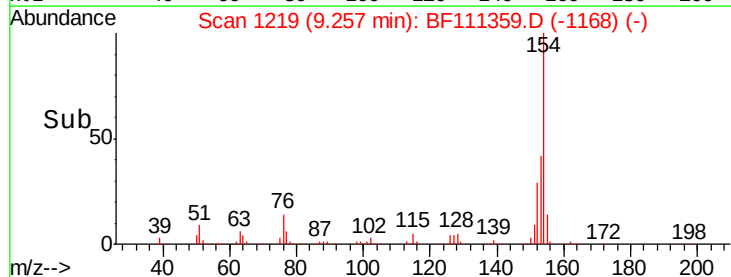
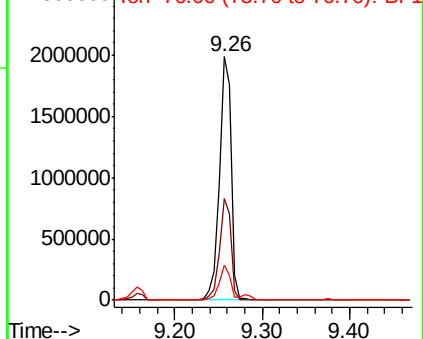


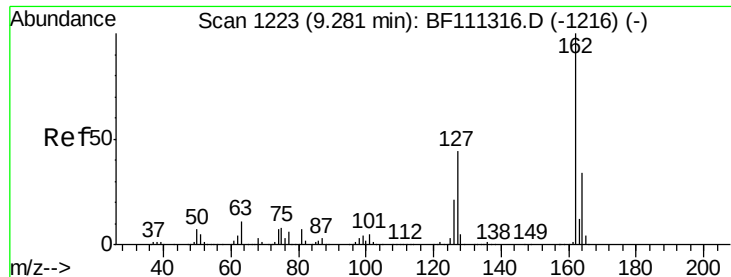
#46
1,1'-Biphenyl
Concen: 39.794 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:154 Resp: 1859516
Ion Ratio Lower Upper
154 100
153 41.5 23.7 63.7
76 14.3 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

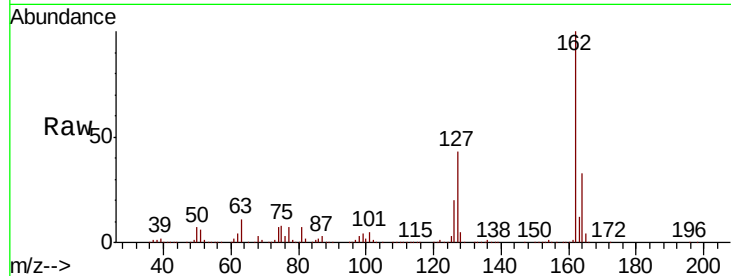




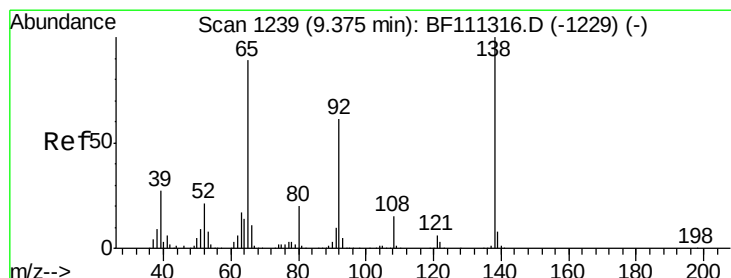
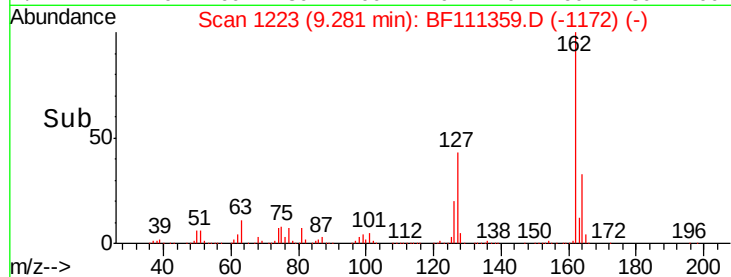
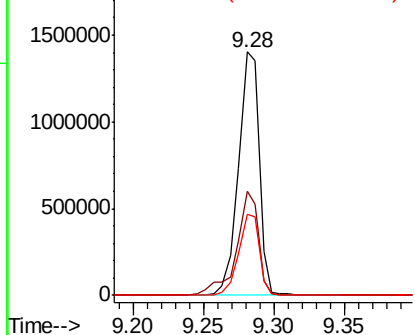
#47
 2-Chloronaphthalene
 Concen: 40.281 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1441517
 Ion Ratio Lower Upper
 162 100
 127 42.9 35.0 52.4
 164 33.3 28.4 42.6

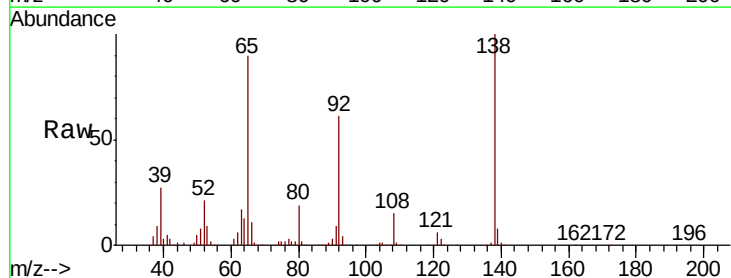


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

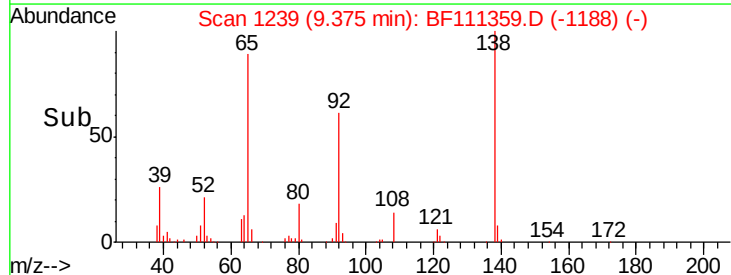
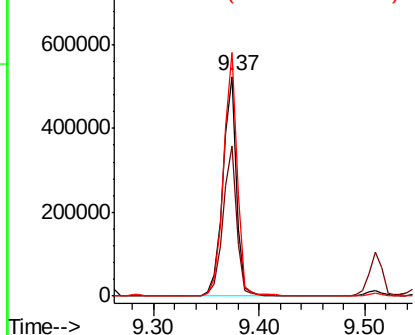


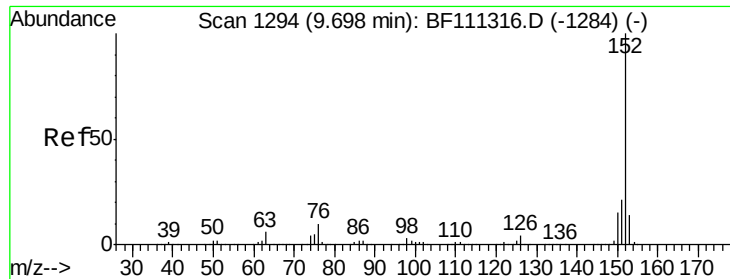
#48
 2-Nitroaniline
 Concen: 41.410 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion: 65 Resp: 481552
 Ion Ratio Lower Upper
 65 100
 92 68.1 53.5 80.3
 138 110.9 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: 39.679 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

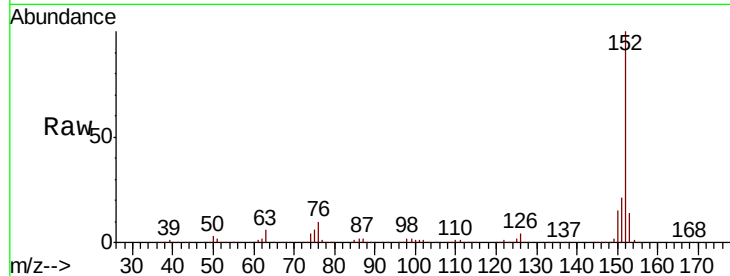
Tot Ion:152 Resp: 2074521

Ion Ratio Lower Upper

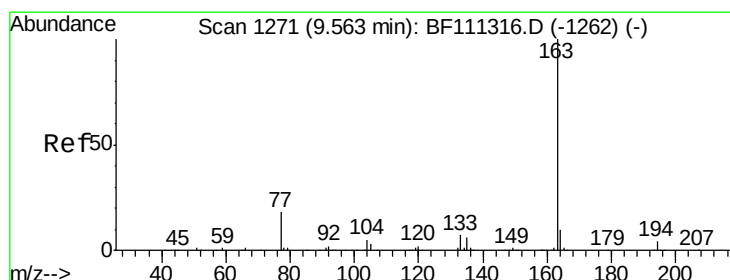
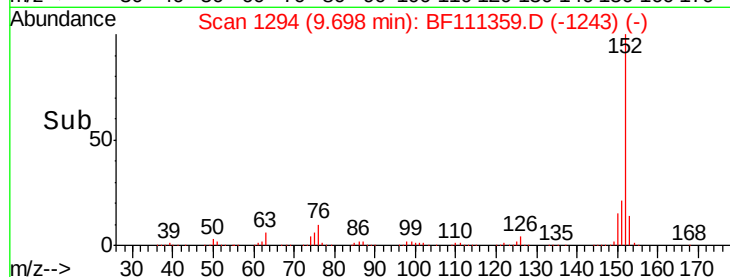
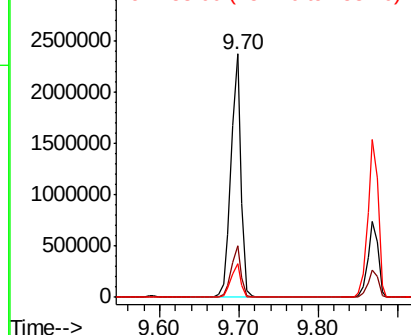
152 100

151 21.1 18.0 27.0

153 13.7 12.3 18.5



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



#50

Dimethylphthalate

Concen: 39.487 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

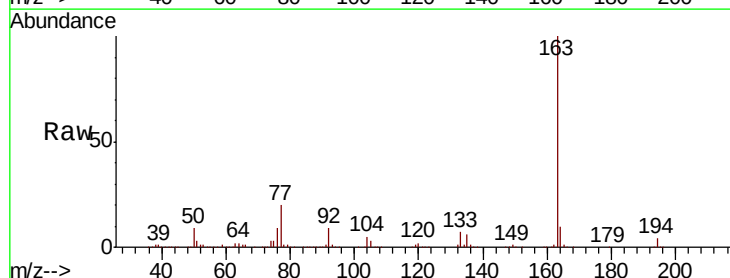
Tgt Ion:163 Resp: 1555135

Ion Ratio Lower Upper

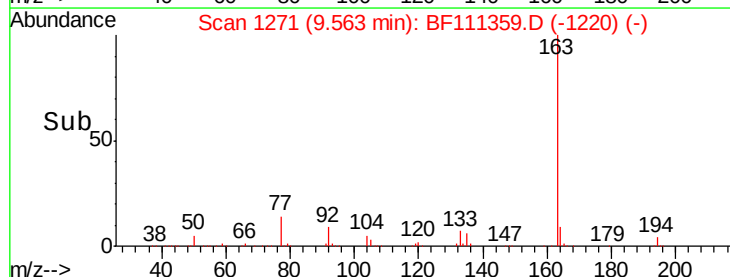
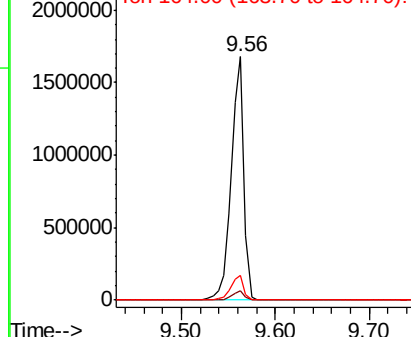
163 100

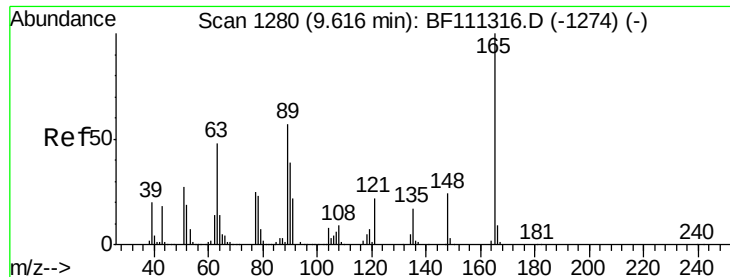
194 3.9 3.0 4.6

164 10.1 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: 41.171 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

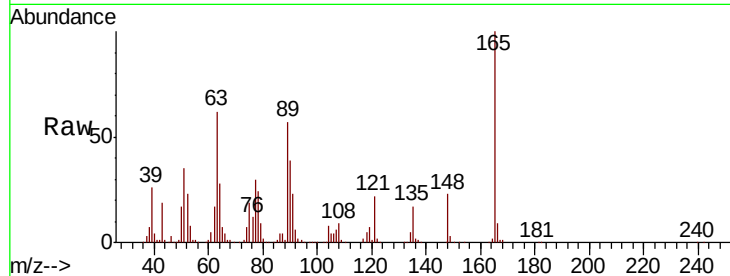
Tot Ion:165 Resp: 359417

Ion Ratio Lower Upper

165 100

63 62.0 40.5 60.7#

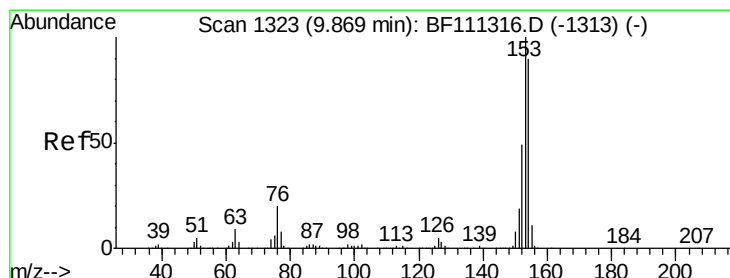
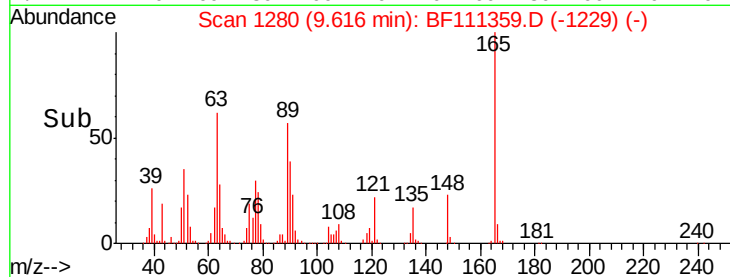
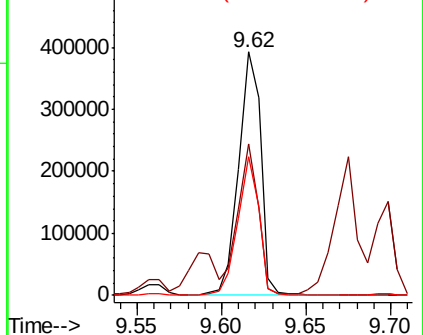
89 56.8 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.296 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

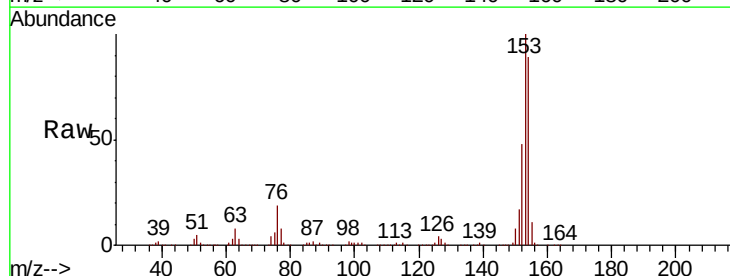
Tgt Ion:154 Resp: 1328840

Ion Ratio Lower Upper

154 100

153 112.6 87.8 131.8

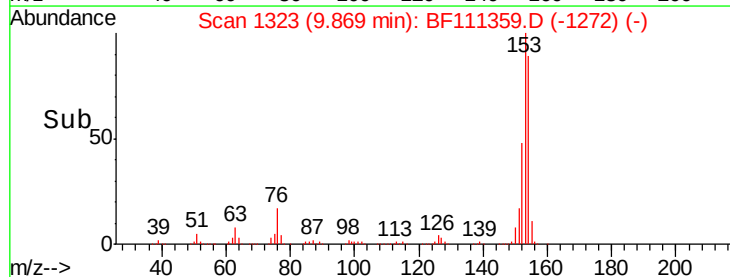
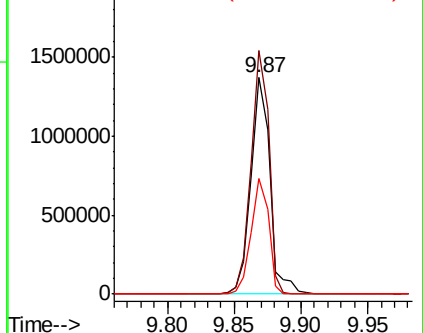
152 53.7 43.4 65.2

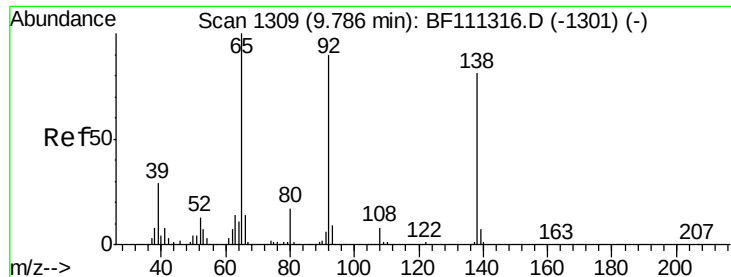


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

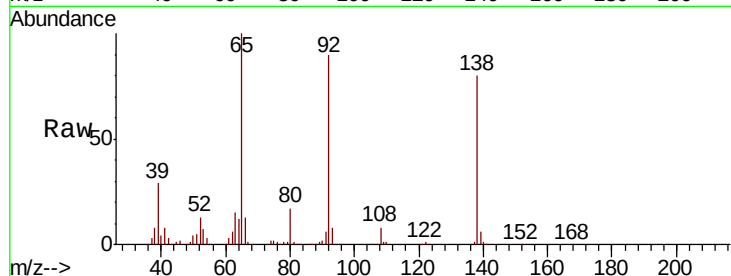




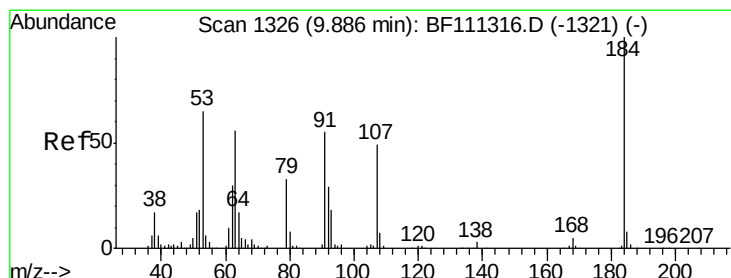
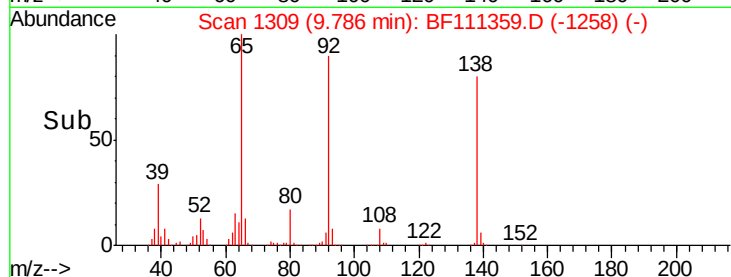
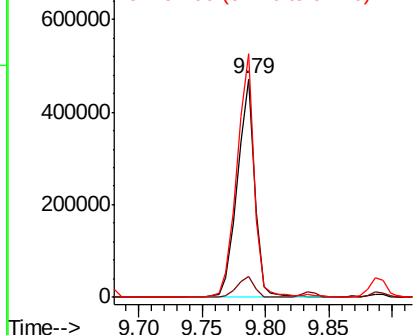
#53
3-Nitroaniline
Concen: 42.198 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 442784
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.4
92 111.4 93.4 140.2

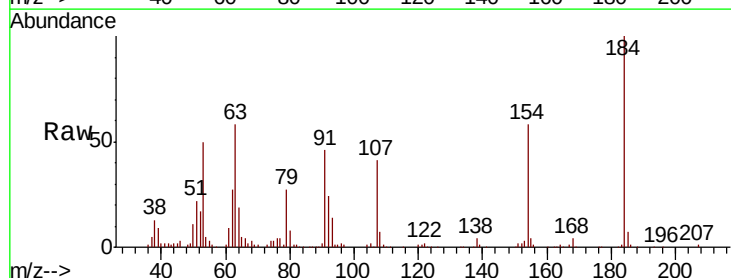


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

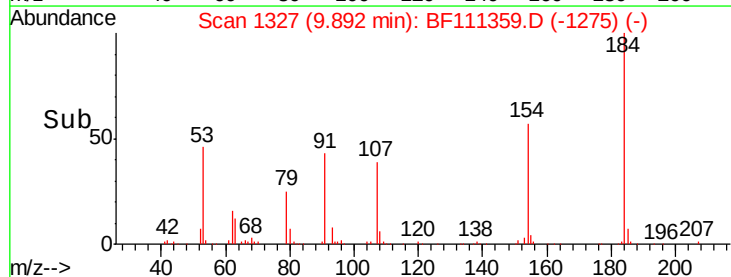
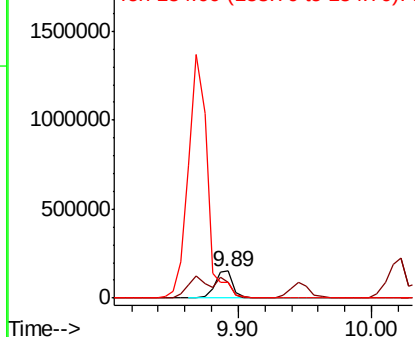


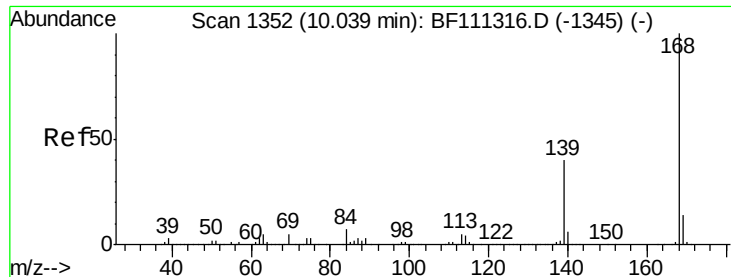
#54
2,4-Dinitrophenol
Concen: 42.894 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:184 Resp: 146909
Ion Ratio Lower Upper
184 100
63 57.8 62.3 93.5#
154 57.6 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

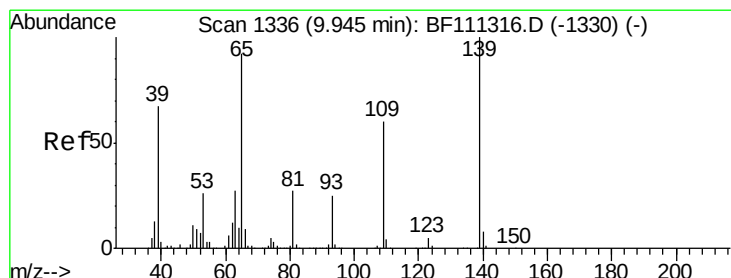
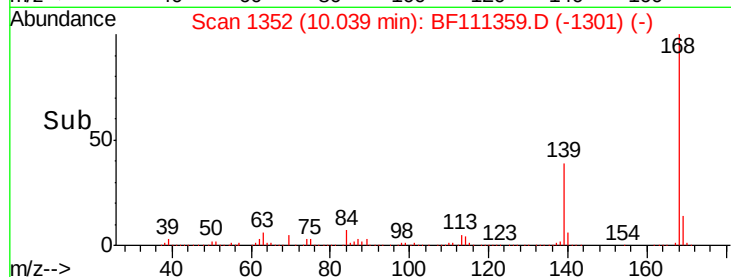
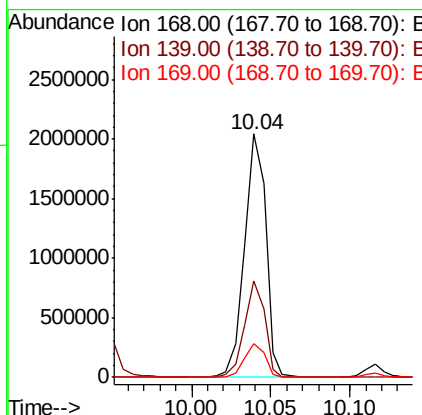
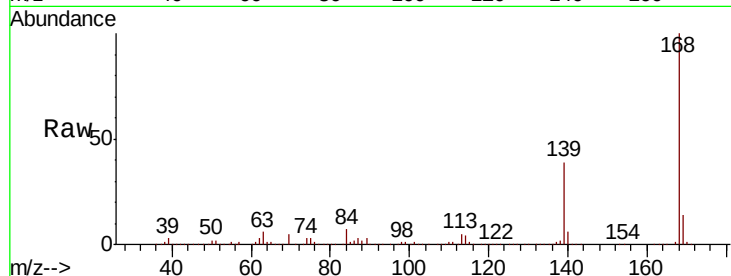




#55
Dibenzenofuran
Concen: 39.943 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

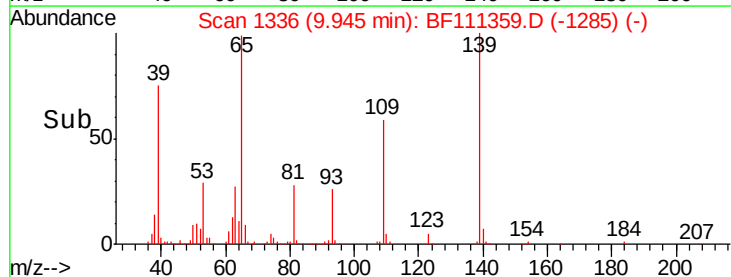
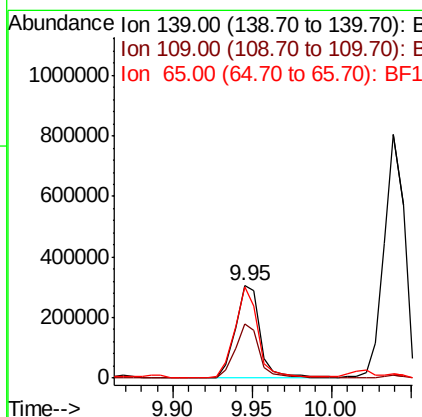
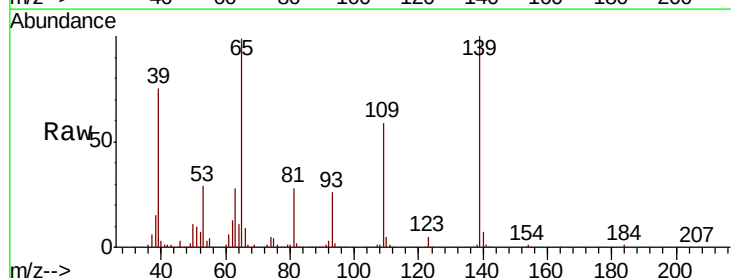
Instrument :
BNA_F
ClientSampled :

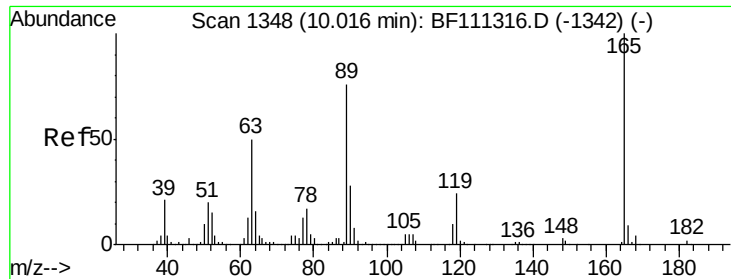
Tot Ion:168 Resp: 1901540
Ion Ratio Lower Upper
168 100
139 39.4 32.6 49.0
169 13.8 11.8 17.6



#56
4-Nitrophenol
Concen: 43.939 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:139 Resp: 332025
Ion Ratio Lower Upper
139 100
109 59.1 41.8 81.8
65 99.4 79.6 119.6

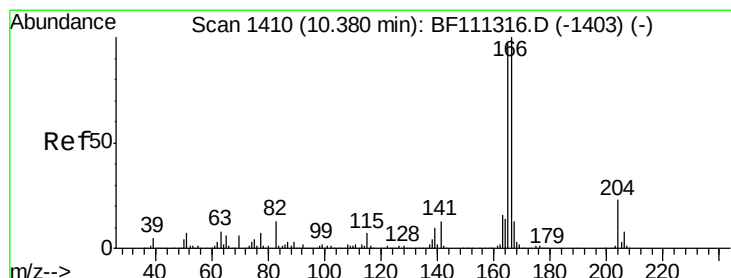
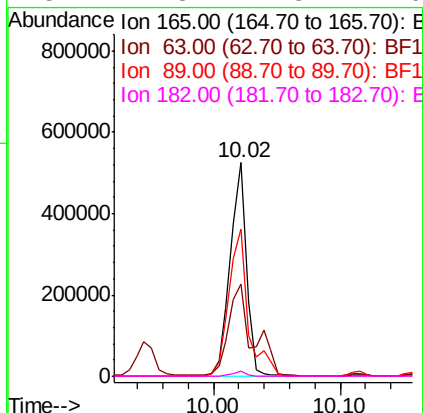
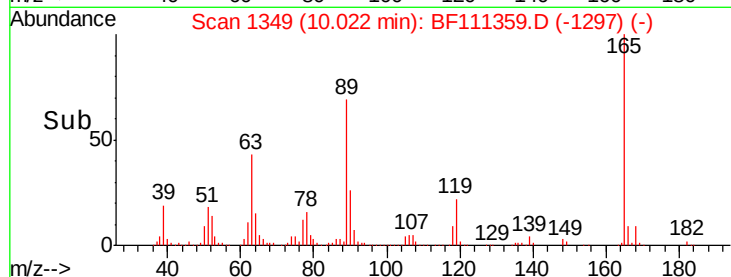
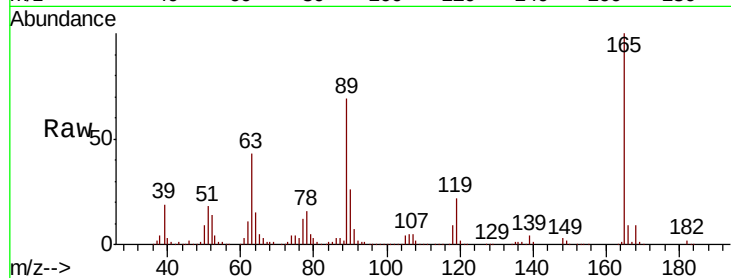




#57
2,4-Dinitrotoluene
Concen: 41.806 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

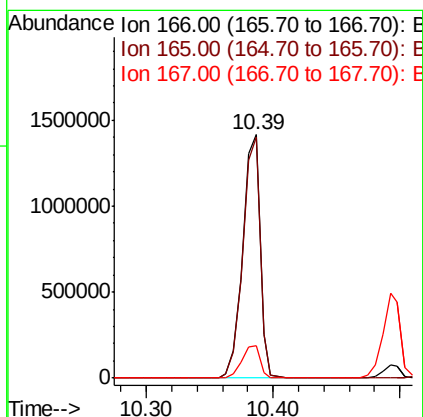
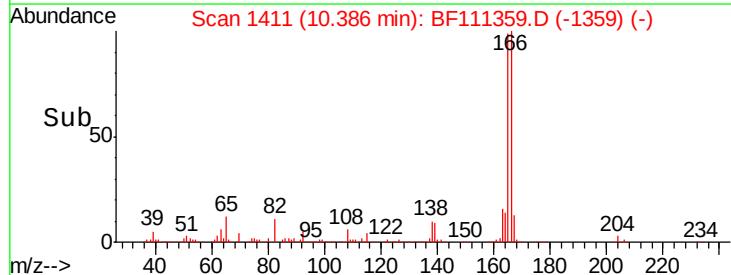
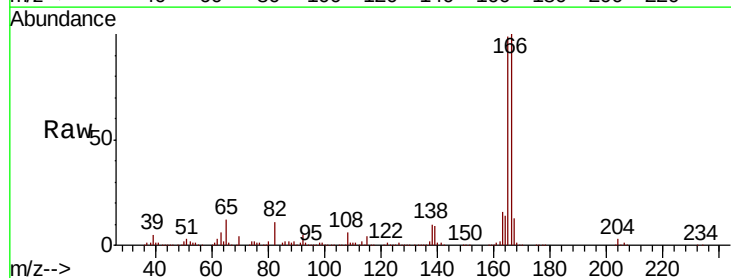
Instrument :
BNA_F
ClientSampleId :

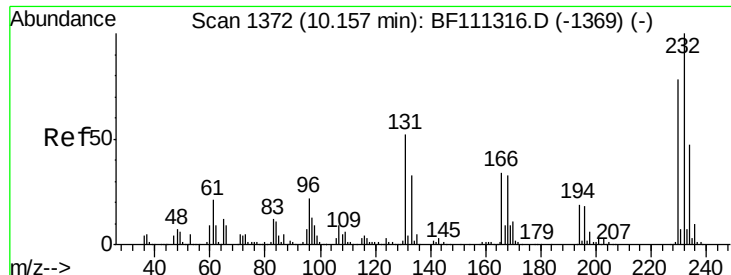
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	34.6	52.0
89	69.1	56.2	84.4
182	2.3	1.8	2.6



#58
Fluorene
Concen: 39.266 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	13.3	11.2	16.8

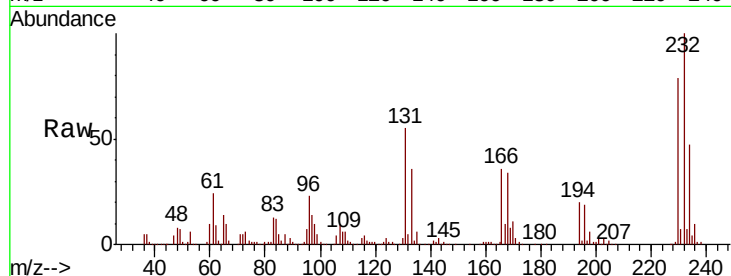




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.790 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.3	40.9	61.3
130	2.5	2.0	3.0
166	33.8	26.8	40.2



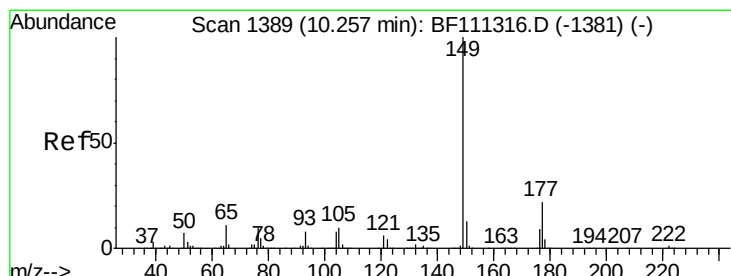
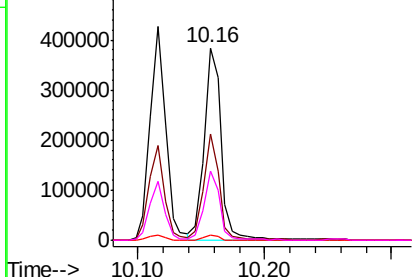
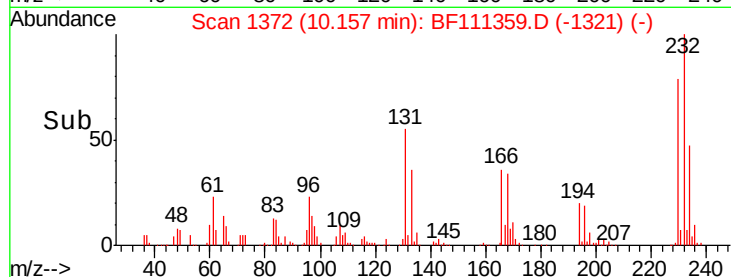
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

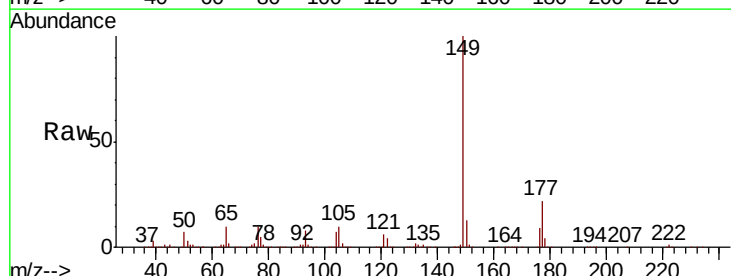
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.082 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.7	10.6	15.8

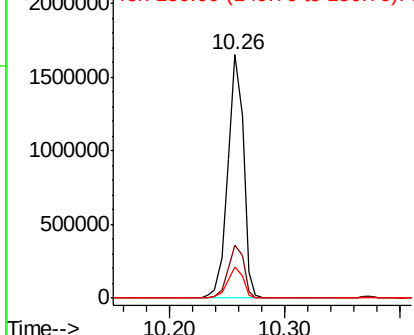
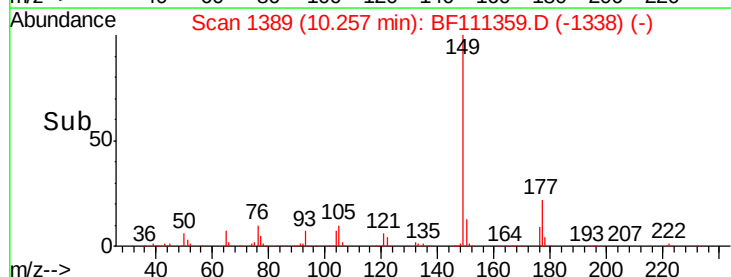


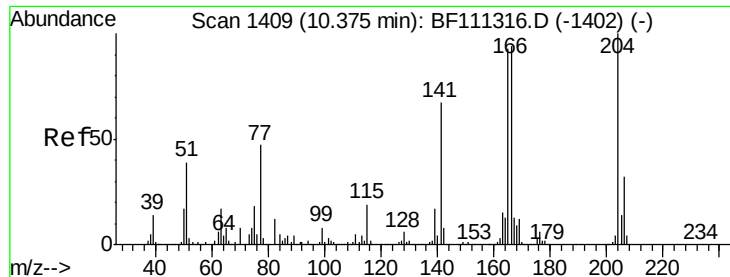
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

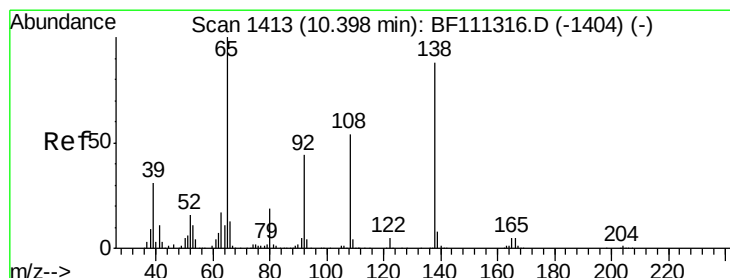
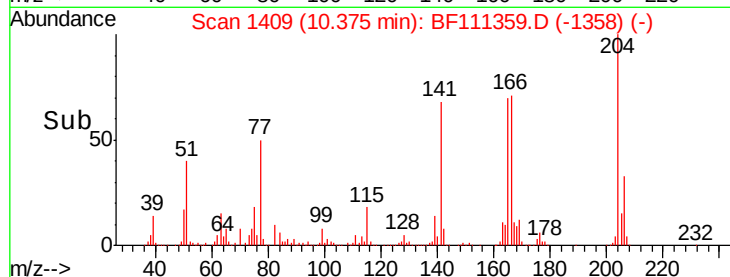
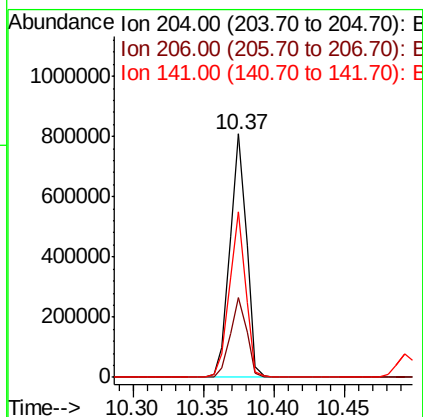
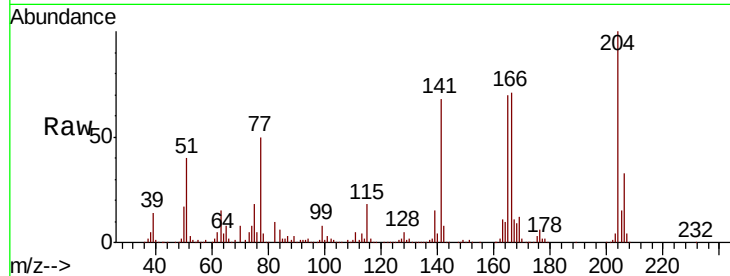




#61
4-Chlorophenyl-phenylether
Concen: 39.230 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

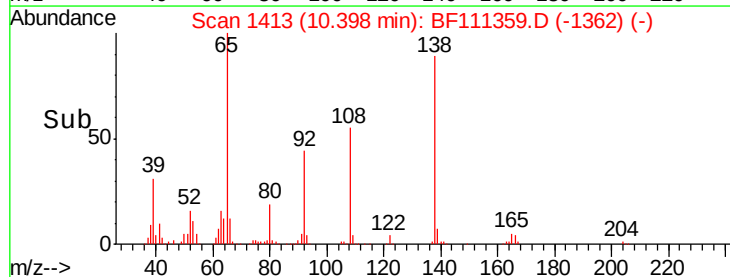
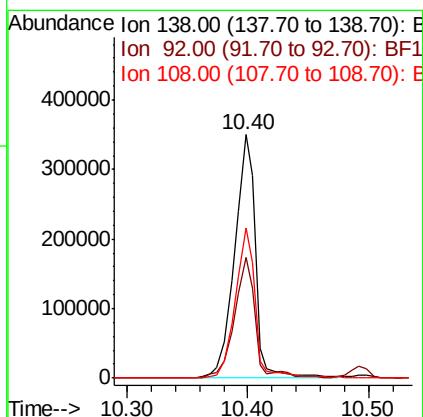
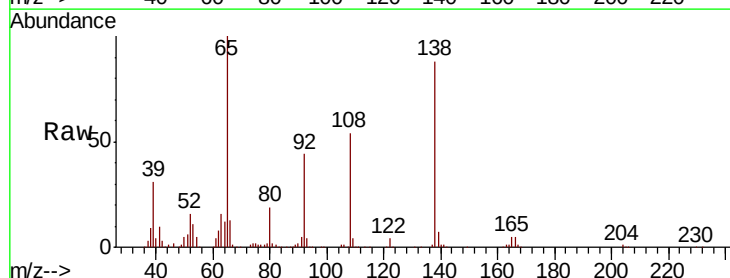
Instrument :
BNA_F
ClientSampled :

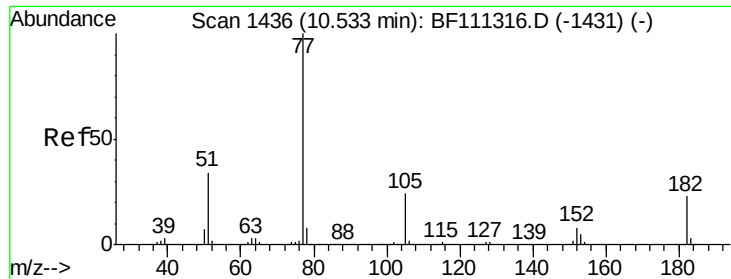
Tot Ion:204 Resp: 662321
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 67.9 52.6 78.8



#62
4-Nitroaniline
Concen: 42.128 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:138 Resp: 424898
Ion Ratio Lower Upper
138 100
92 49.4 29.9 69.9
108 61.6 43.2 83.2

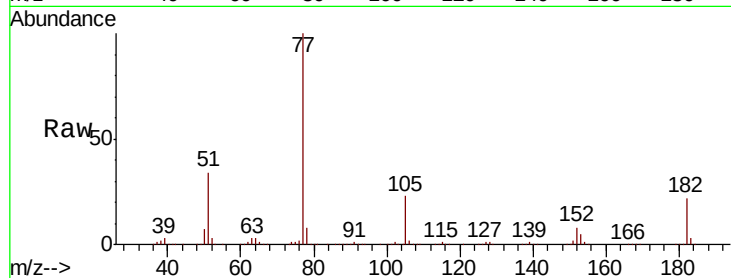




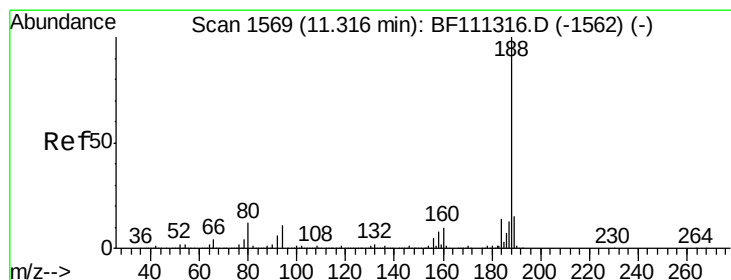
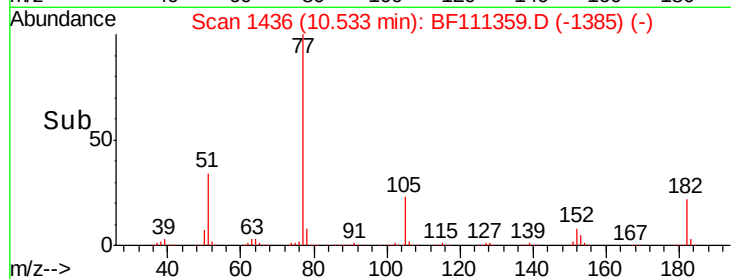
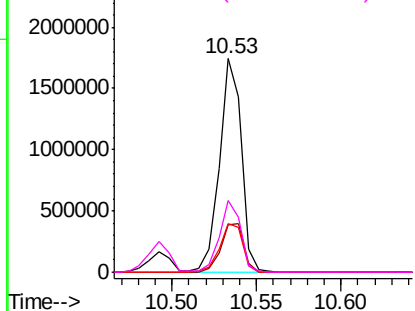
#63
Azobenzene
Concen: 39.322 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1571967
Ion Ratio Lower Upper
77 100
182 22.0 4.9 44.9
105 23.0 6.0 46.0
51 33.7 14.7 54.7

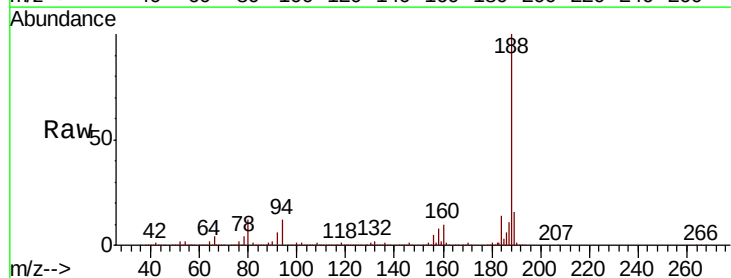


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

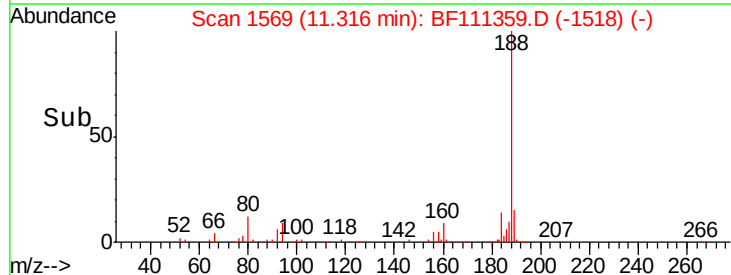
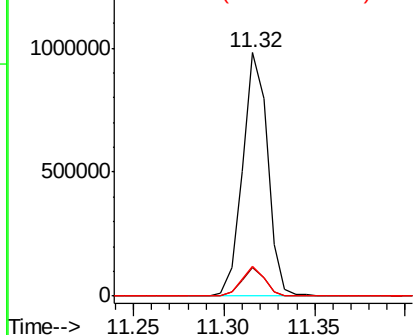


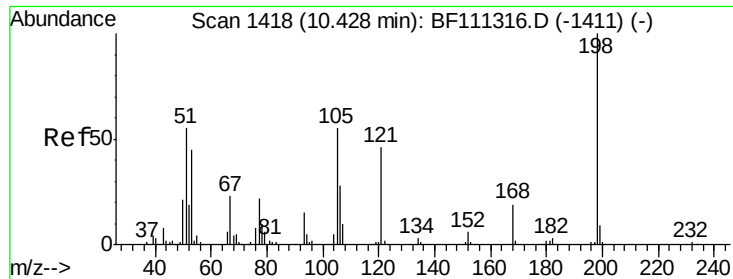
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion: 188 Resp: 940608
Ion Ratio Lower Upper
188 100
94 11.7 9.6 14.4
80 12.3 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

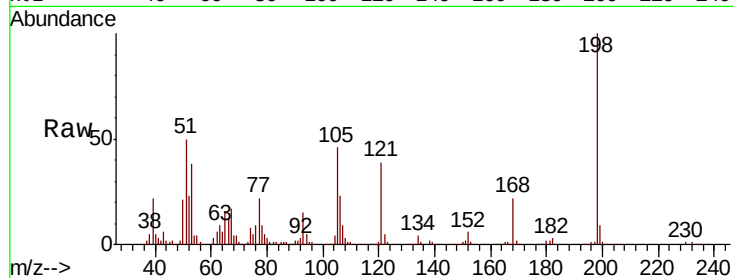




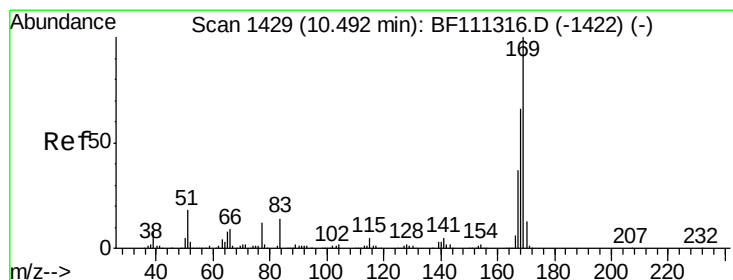
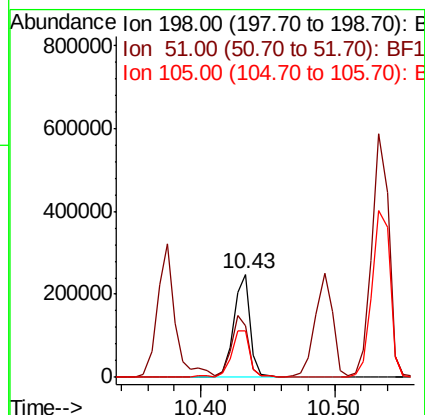
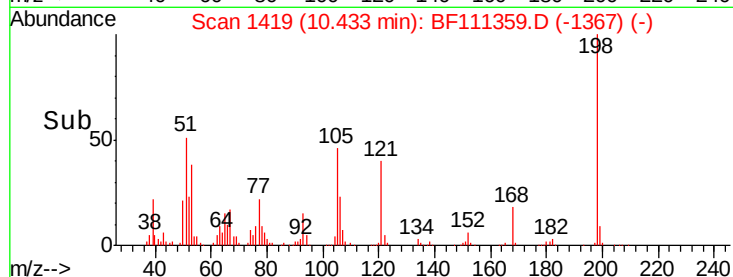
#65
4,6-Dinitro-2-methylphenol
Concen: 40.185 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 217000
Ion Ratio Lower Upper
198 100
51 50.4 48.0 88.0
105 45.8 34.0 74.0

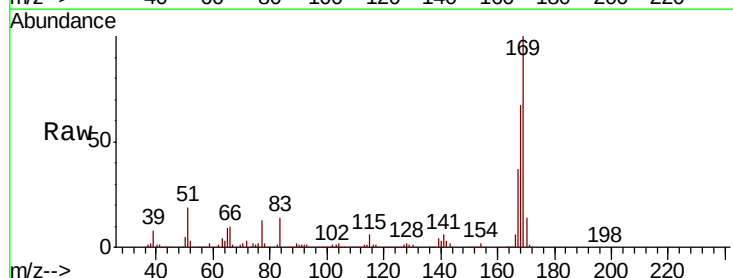


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

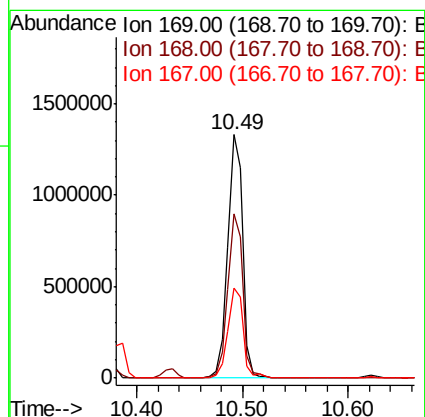
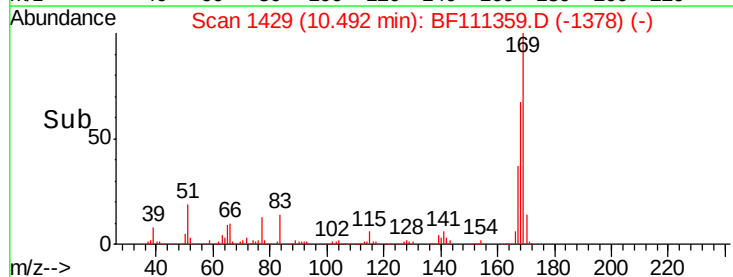


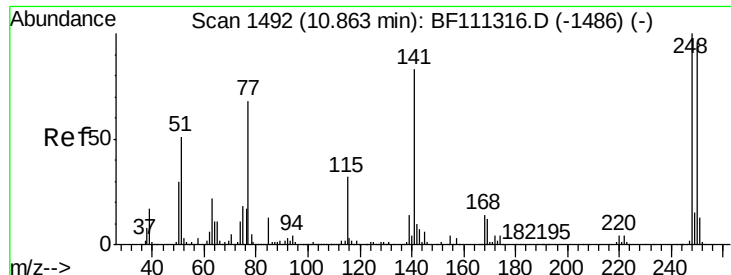
#66
n-Nitrosodiphenylamine
Concen: 39.036 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:169 Resp: 1306095
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 37.1 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

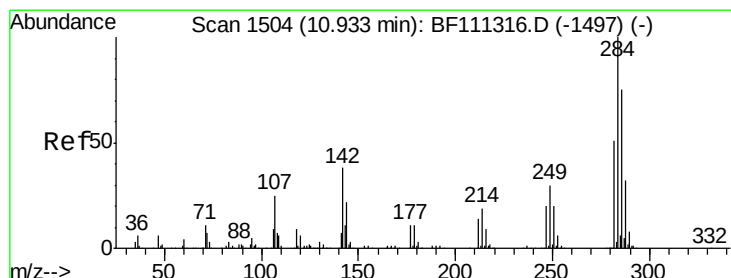
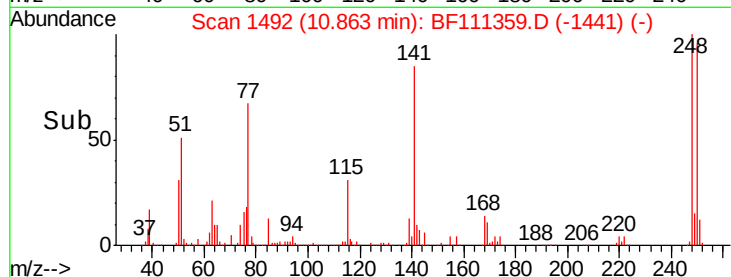
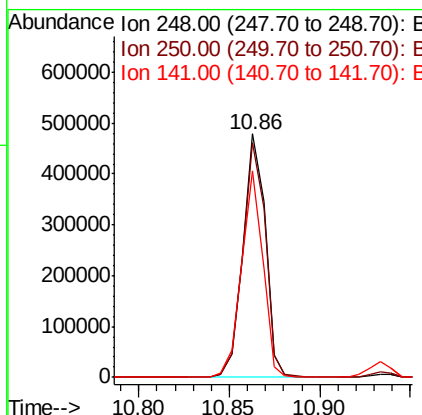
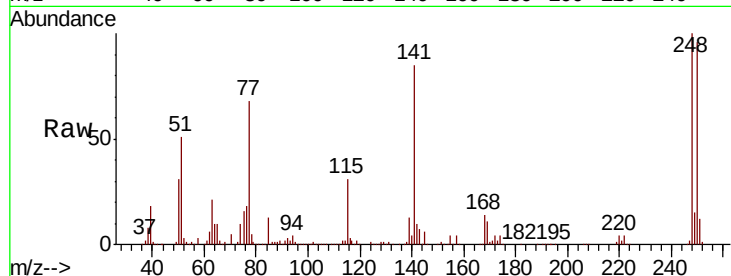




#67
4-Bromophenyl-phenylether
Concen: 39.431 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

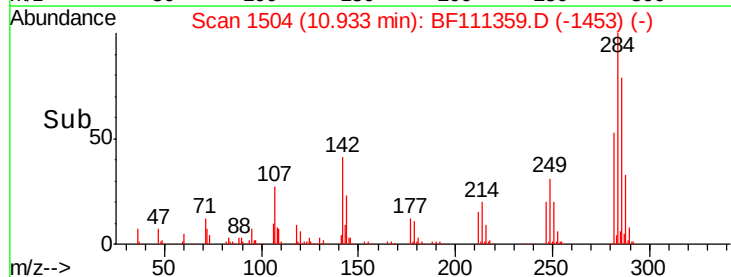
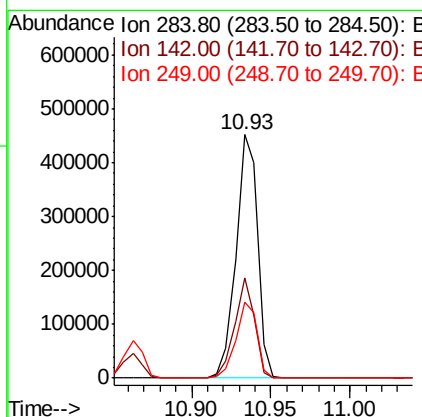
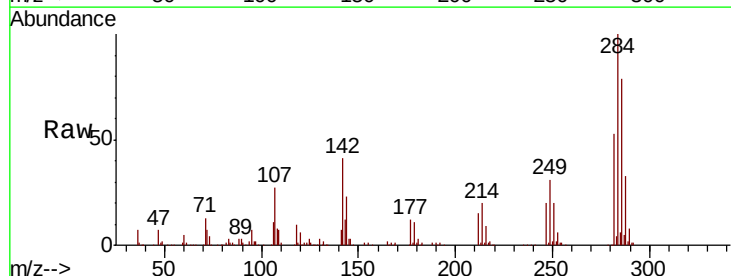
Instrument :
BNA_F
ClientSampleId :

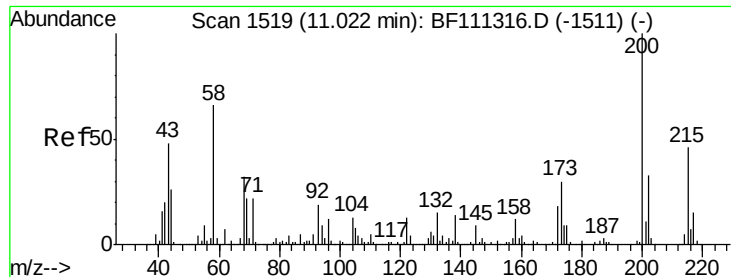
Tot Ion:248 Resp: 412895
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 84.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 39.447 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:284 Resp: 425334
Ion Ratio Lower Upper
284 100
142 41.4 27.4 41.2#
249 31.3 24.4 36.6

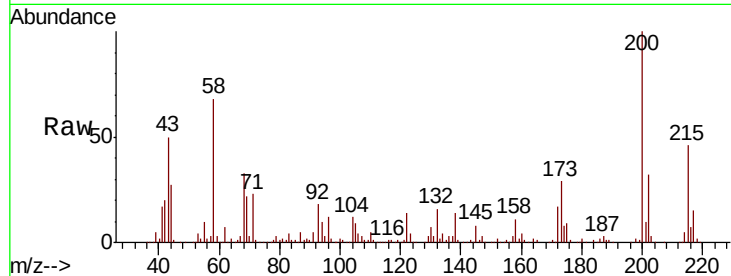




#69
 Atrazine
 Concen: 39.275 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	10.1	50.1
215	46.0	26.9	66.9

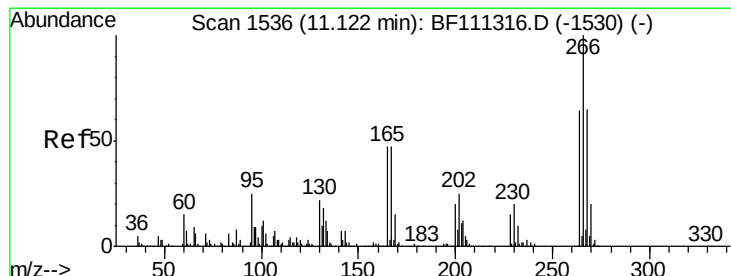
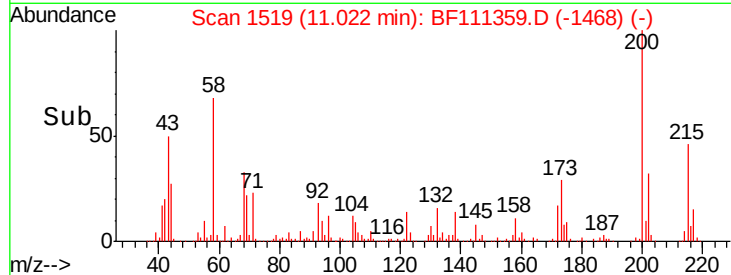
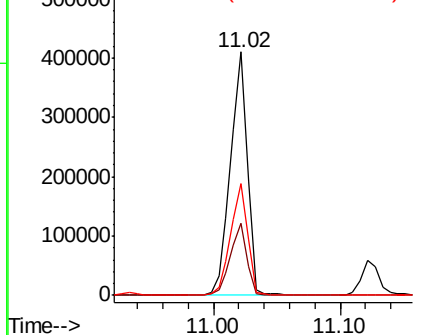


Abundance

Ion 200.00 (199.70 to 200.70): E

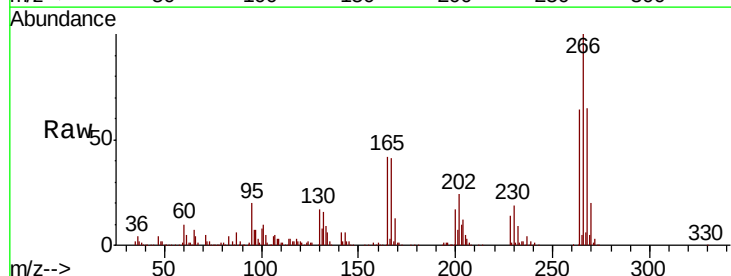
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 41.623 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.9	71.9
264	63.7	49.1	73.7

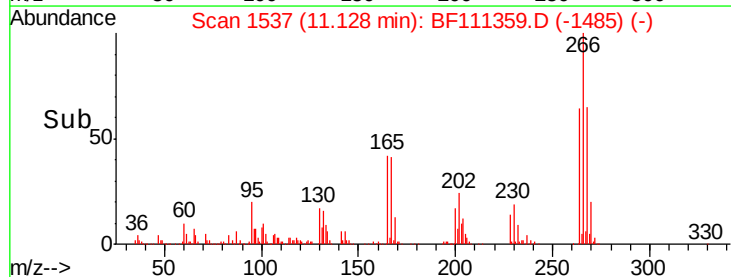
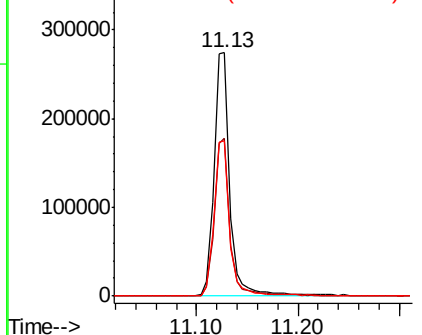


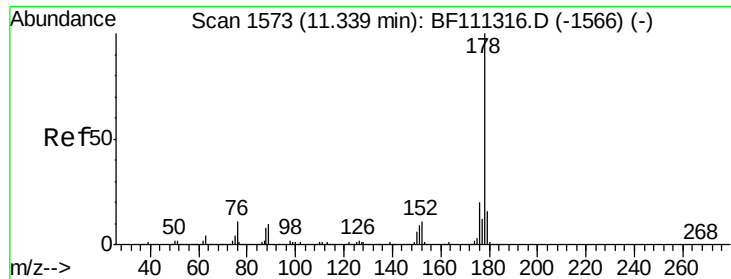
Abundance

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

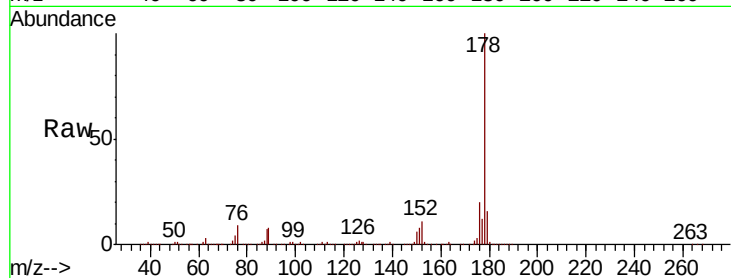




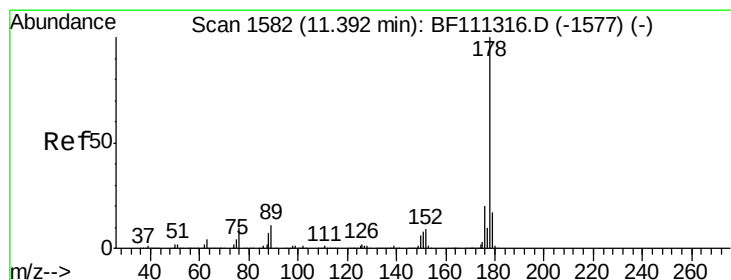
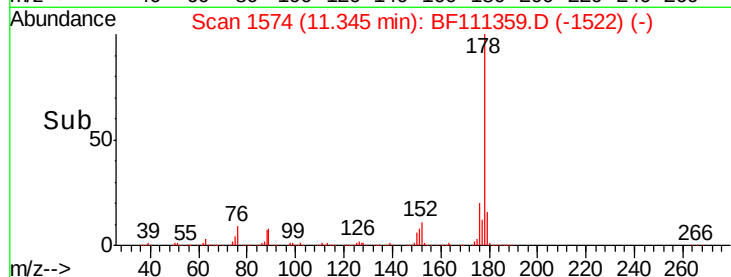
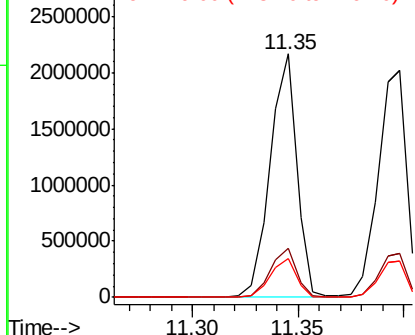
#71
Phenanthrene
Concen: 39.358 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1913504
Ion Ratio Lower Upper
178 100
176 20.1 18.1 27.1
179 15.8 14.0 21.0

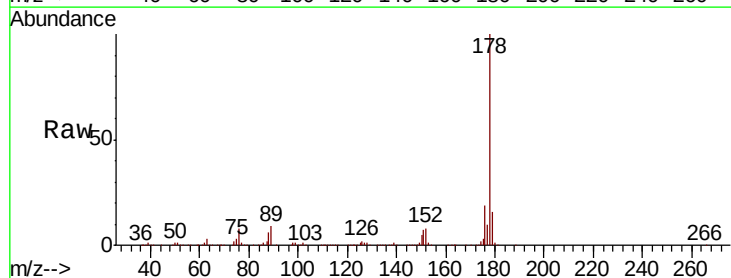


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

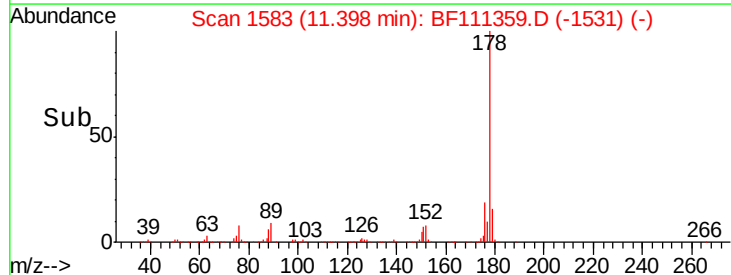
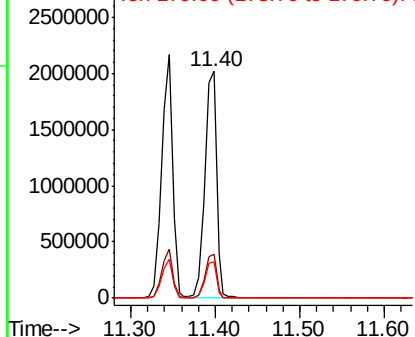


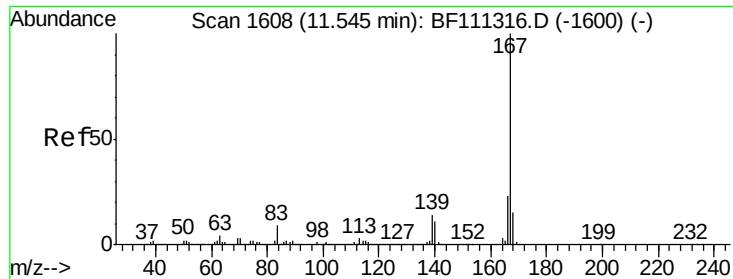
#72
Anthracene
Concen: 39.150 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:178 Resp: 1938098
Ion Ratio Lower Upper
178 100
176 19.2 17.2 25.8
179 15.7 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



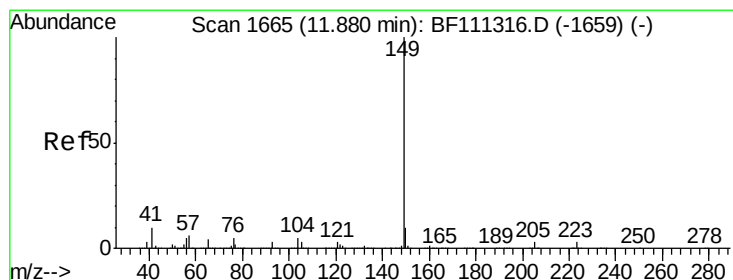
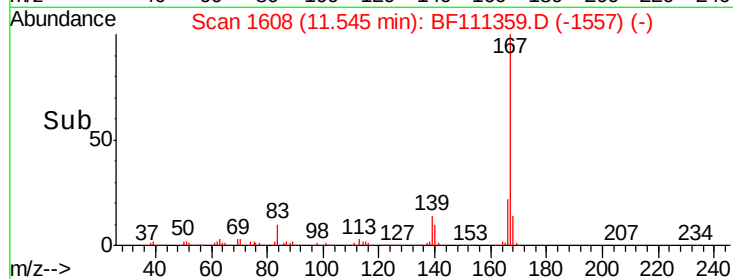
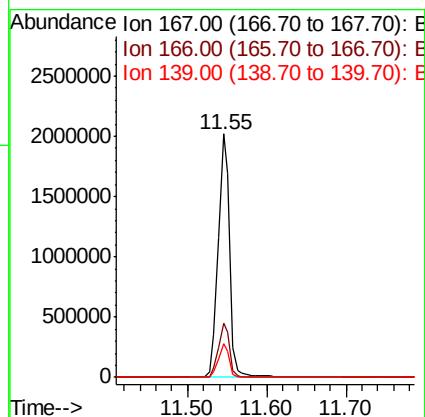
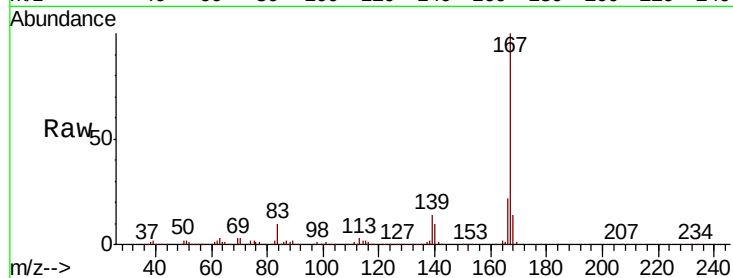


#73
 Carbazole
 Concen: 39.579 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2025955

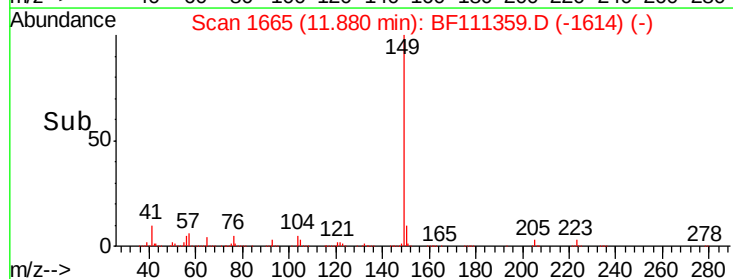
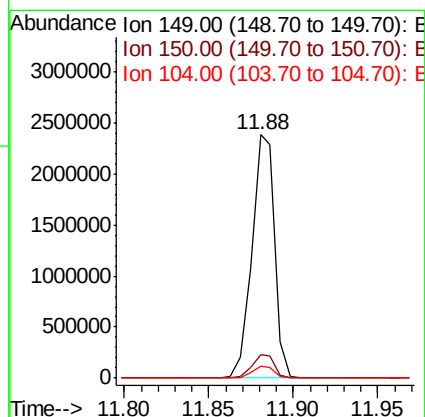
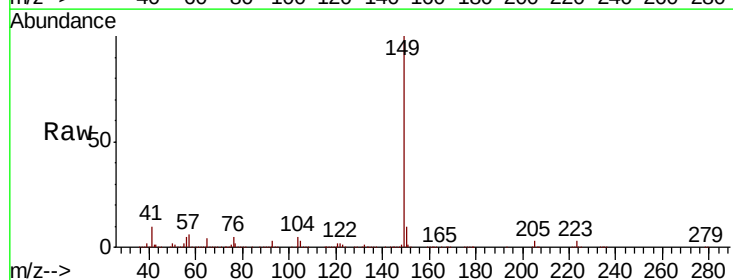
Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.3	28.9
139	14.0	11.9	17.9

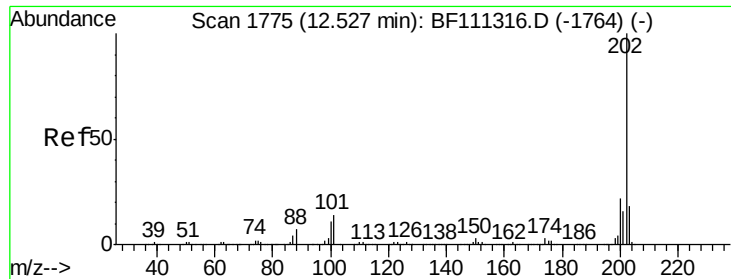


#74
 Di-n-butylphthalate
 Concen: 38.594 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion:149 Resp: 2249343

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.8	13.2
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 39.230 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

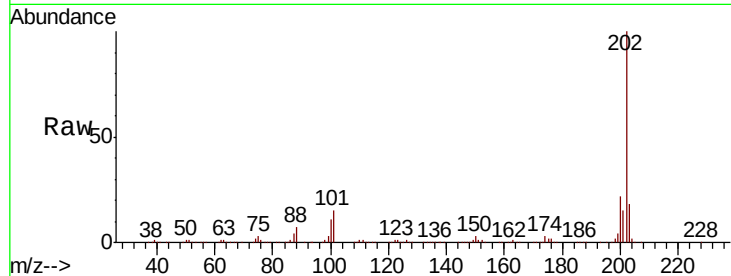
Tot Ion:202 Resp: 1861947

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.8

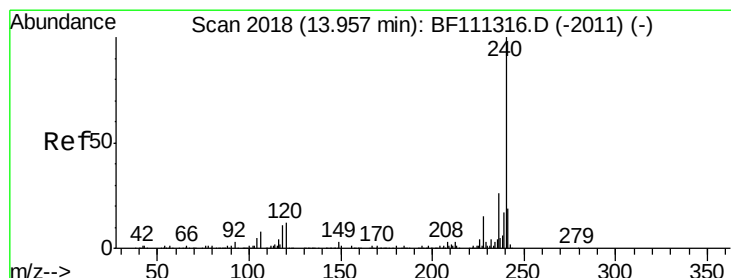
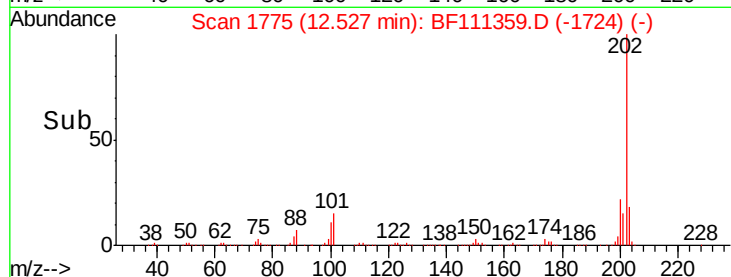
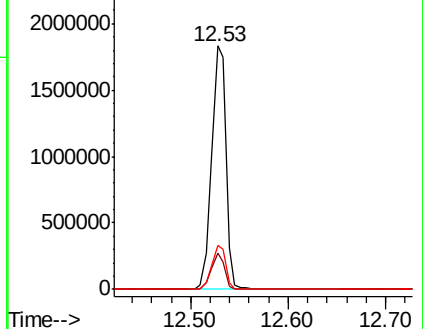
203 18.3 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

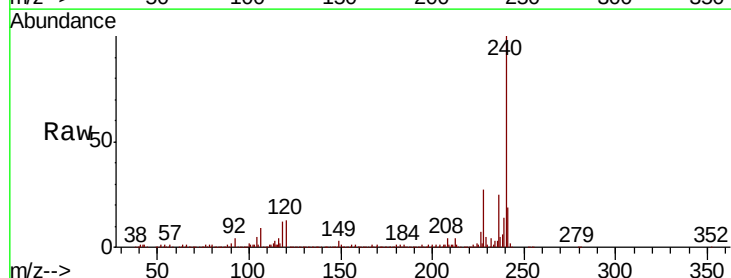
Tgt Ion:240 Resp: 612853

Ion Ratio Lower Upper

240 100

120 12.9 12.2 18.2

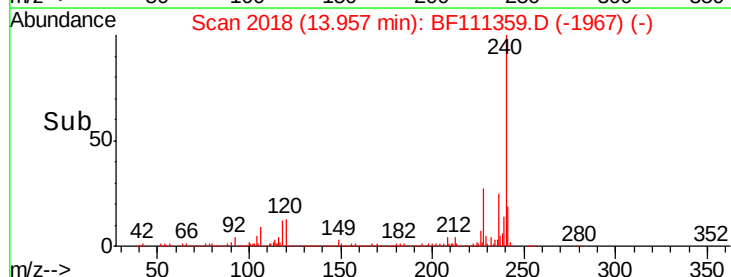
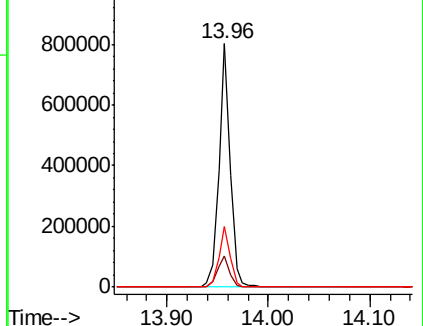
236 25.1 20.2 30.2

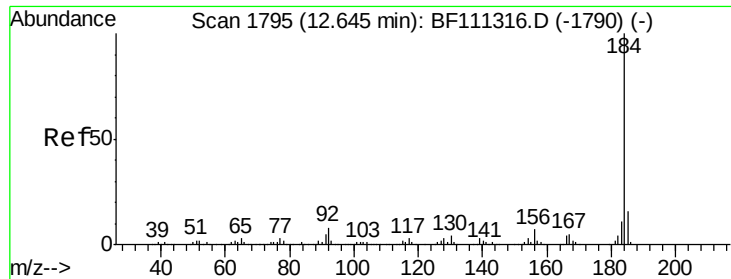


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 79.196 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

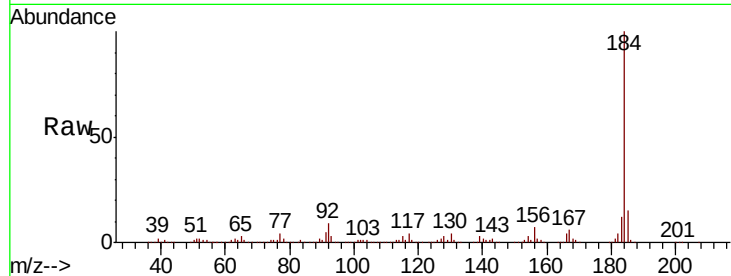
Tot Ion:184 Resp: 915946

Ion Ratio Lower Upper

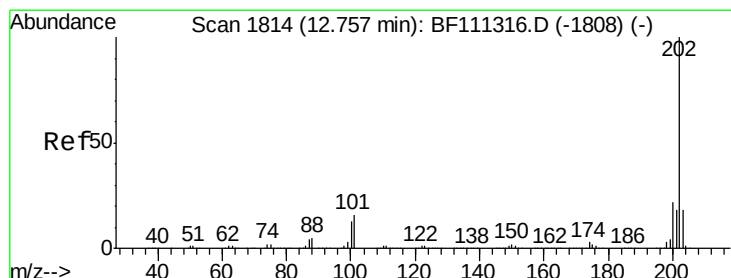
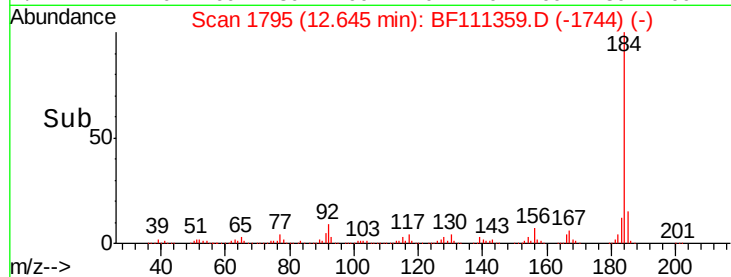
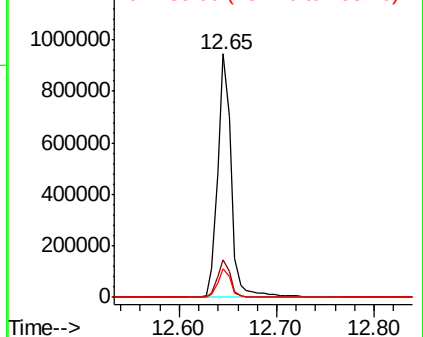
184 100

185 15.2 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: 40.643 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

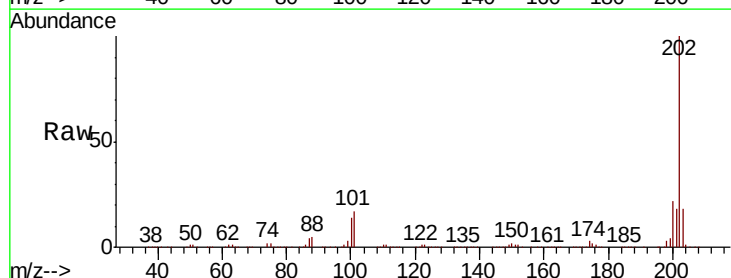
Tgt Ion:202 Resp: 1922342

Ion Ratio Lower Upper

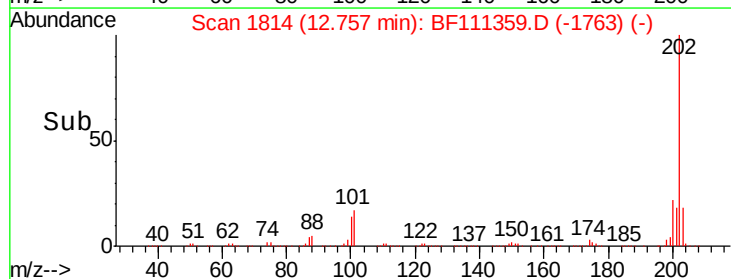
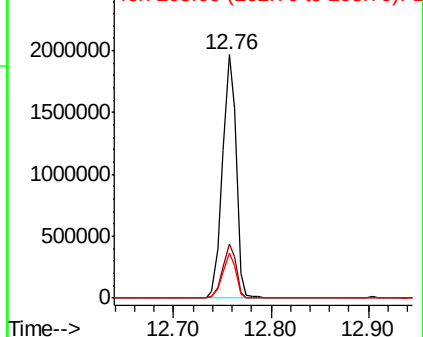
202 100

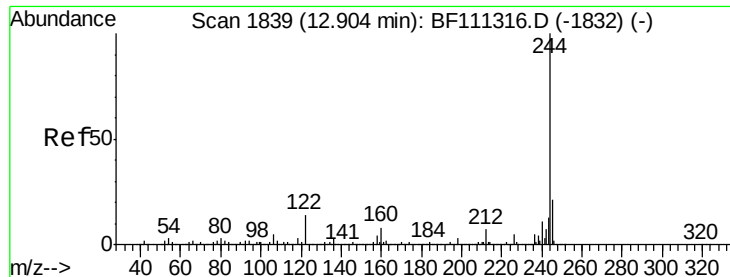
200 22.4 19.0 28.4

203 18.4 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.562 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampled :

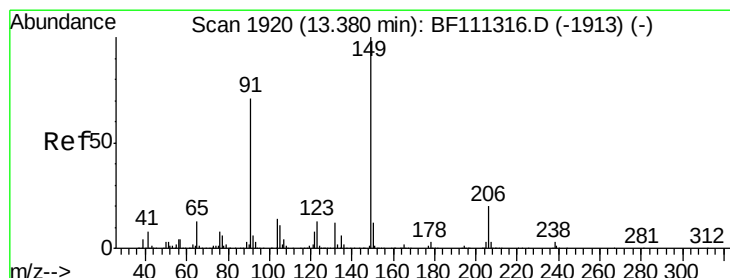
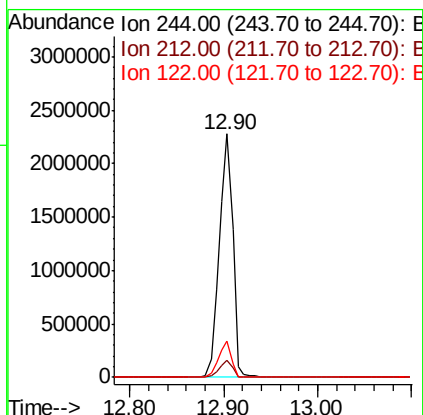
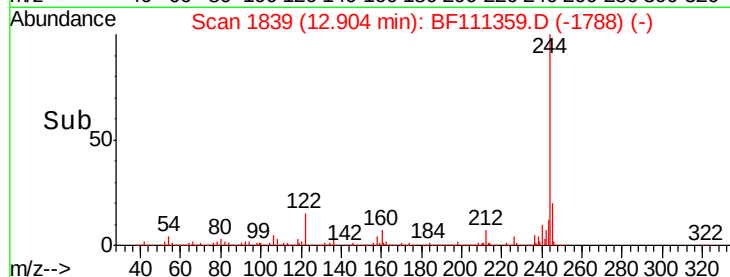
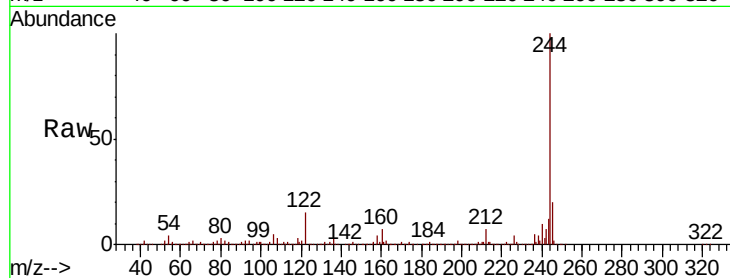
Tot Ion:244 Resp: 2298935

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 14.6 13.1 19.7



#80

Butylbenzylphthalate

Concen: 39.551 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

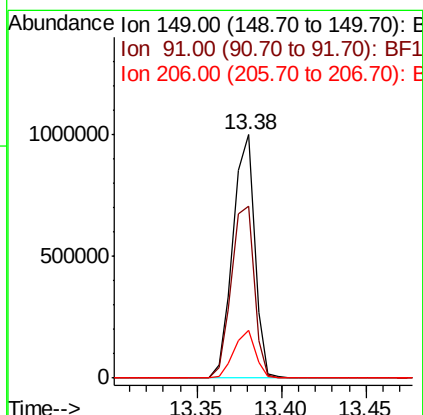
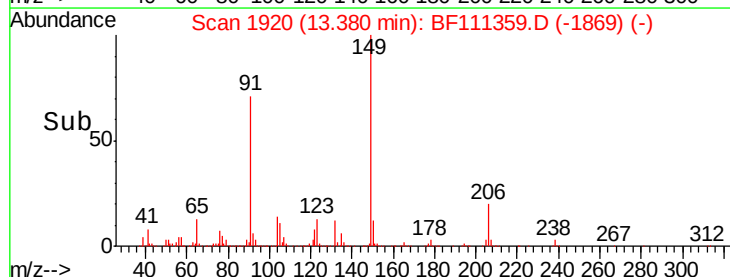
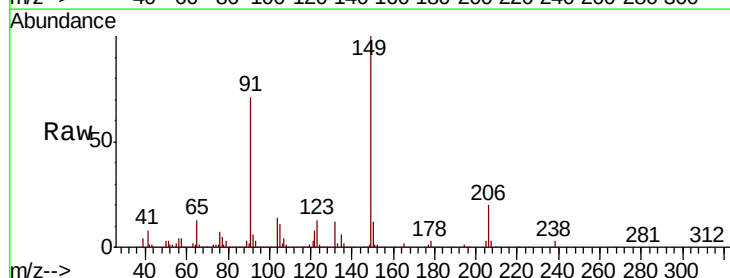
Tgt Ion:149 Resp: 898176

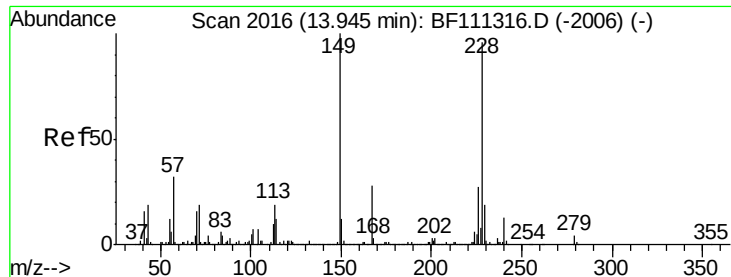
Ion Ratio Lower Upper

149 100

91 70.9 63.8 95.6

206 19.6 15.1 22.7





#81

Benzo(a)anthracene

Concen: 38.852 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

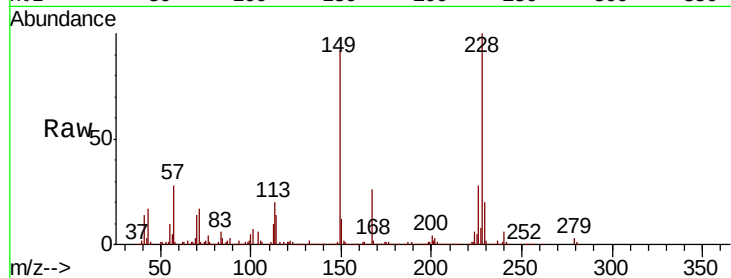
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1332236

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	19.9	16.3	24.5

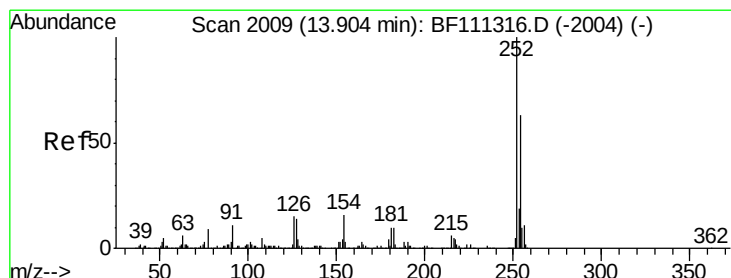
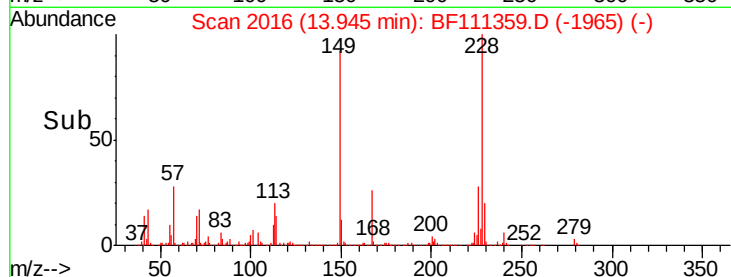
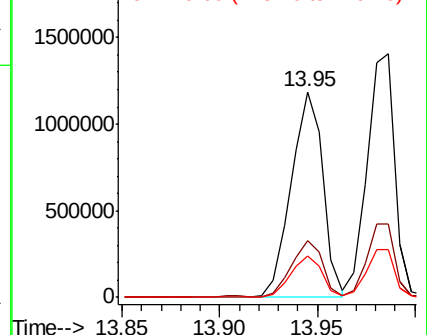


Abundance

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: 41.683 ng

RT: 13.91 min Scan# 2010

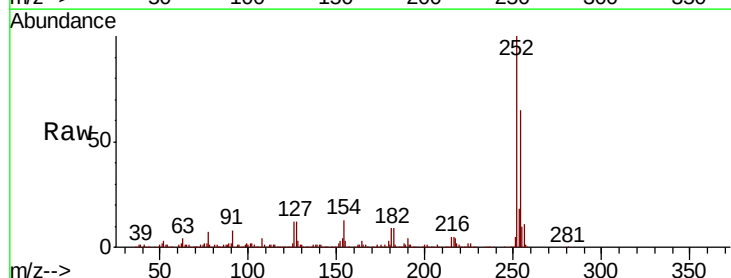
Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tgt Ion:252 Resp: 540563

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.7	79.1
126	12.0	11.1	16.7

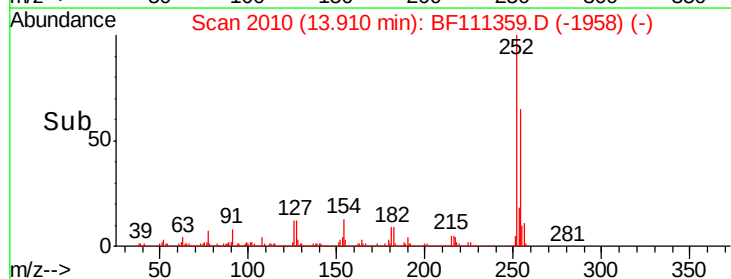
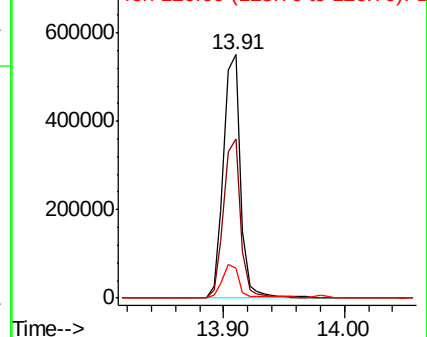


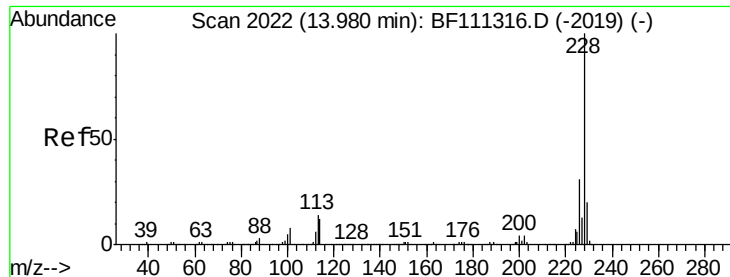
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.767 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

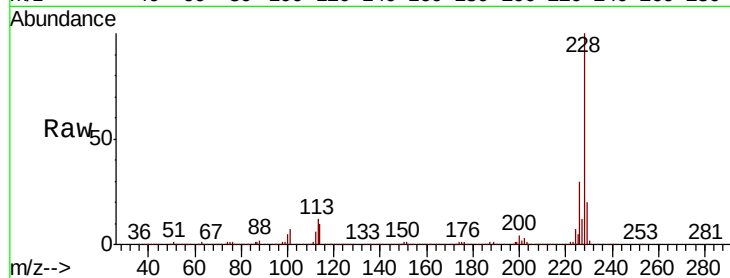
Tot Ion:228 Resp: 1391228

Ion Ratio Lower Upper

228 100

226 30.3 25.3 37.9

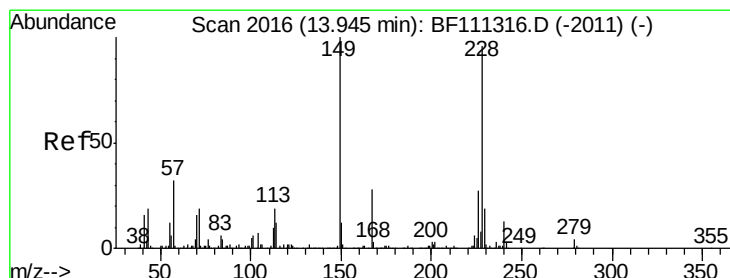
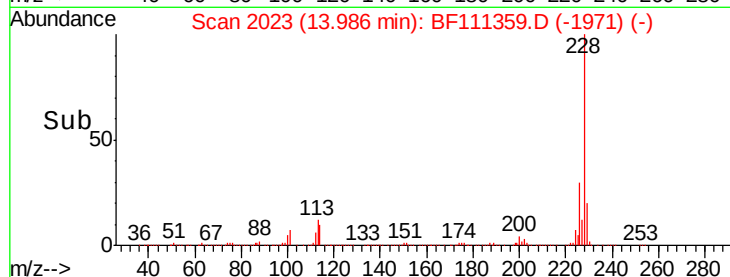
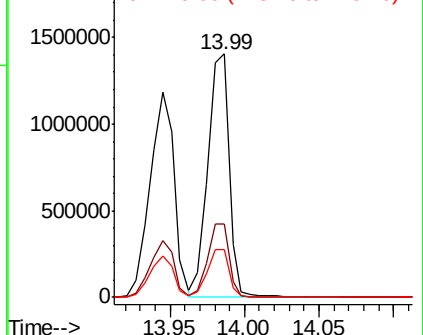
229 19.7 17.2 25.8



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: 38.371 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

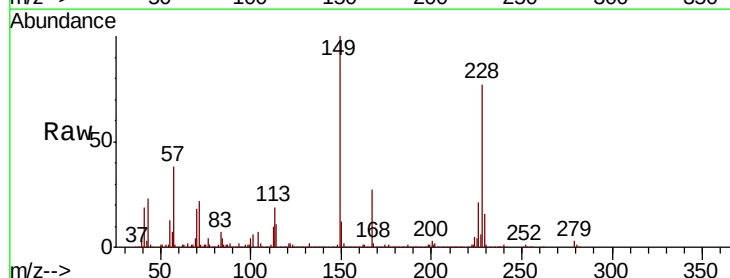
Tgt Ion:149 Resp: 1065275

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

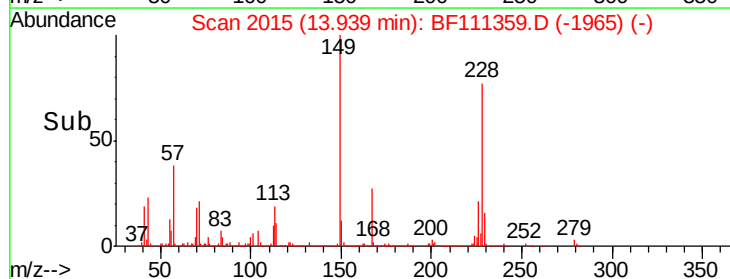
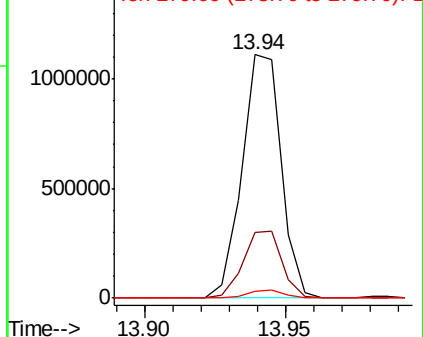
279 3.0 2.6 4.0

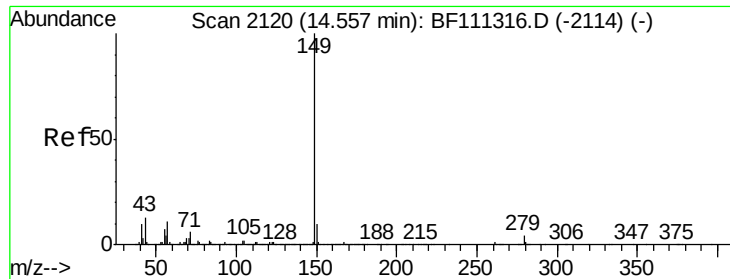


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.445 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

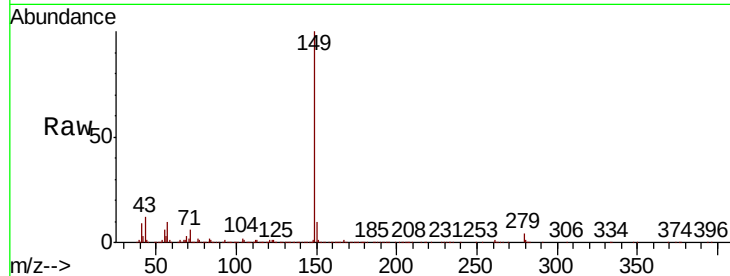
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1706956

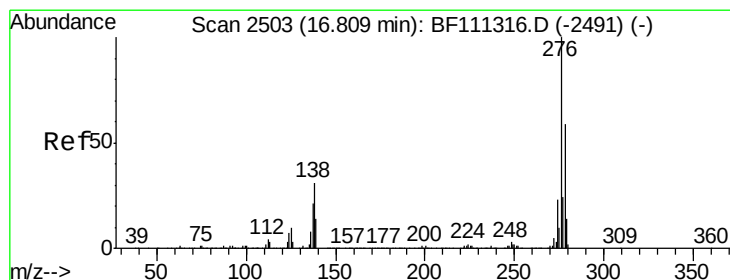
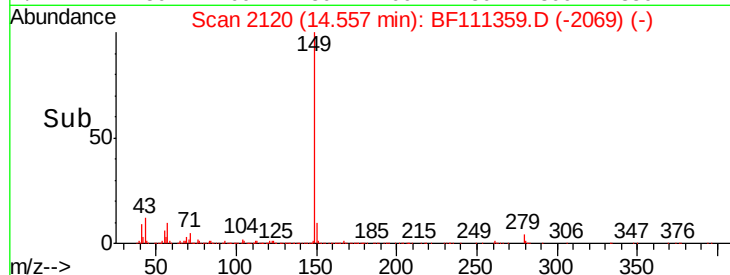
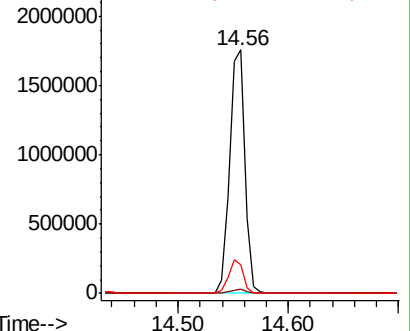
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.0	10.9	16.3



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: 41.724 ng

RT: 16.82 min Scan# 2504

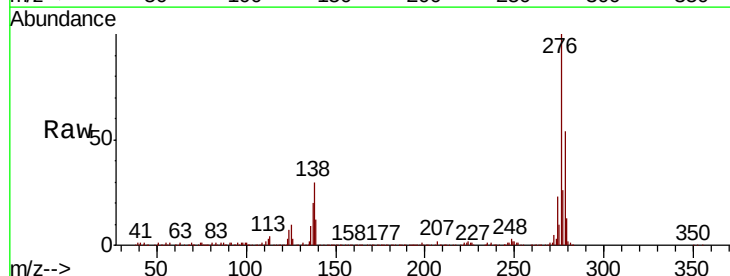
Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tgt Ion:276 Resp: 1141646

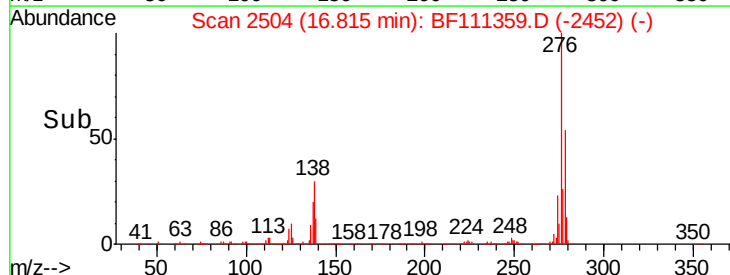
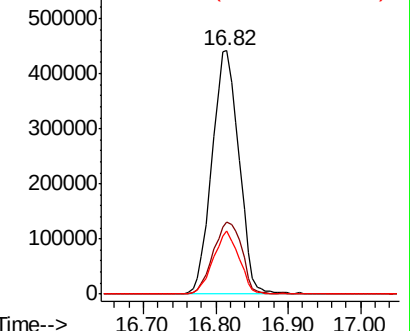
Ion	Ratio	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	25.0	20.1	30.1

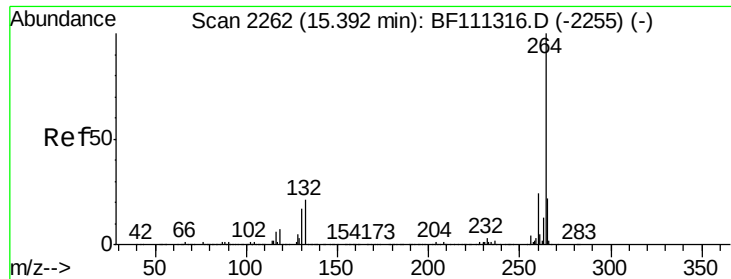


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2262

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

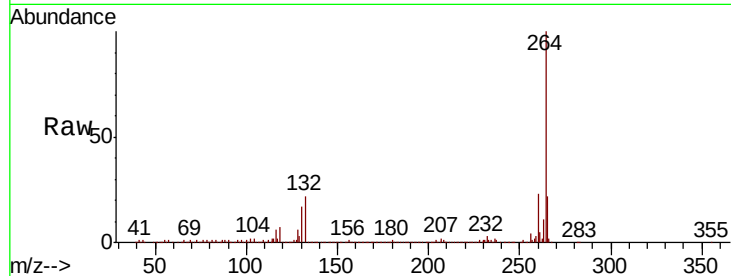
Tot Ion:264 Resp: 517628

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.7 17.7 26.5

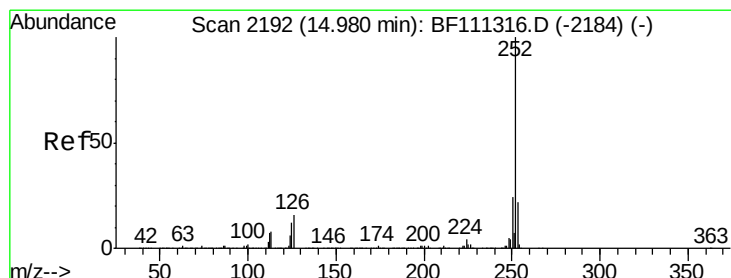
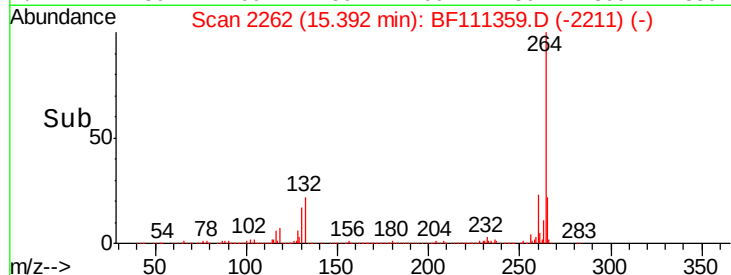
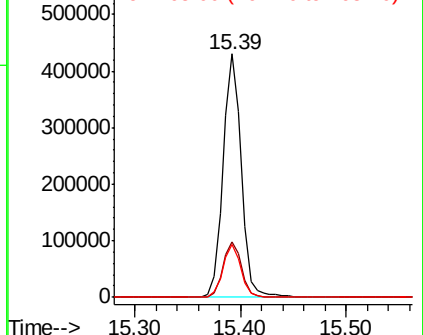


Abundance

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: 38.199 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

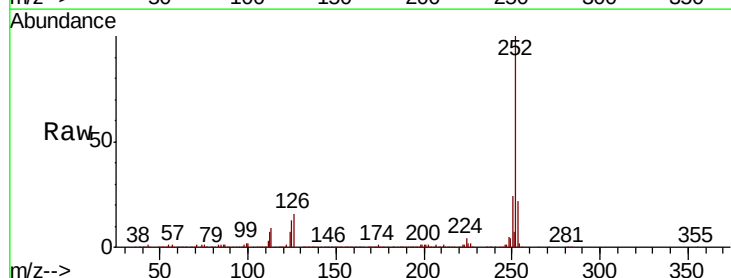
Tgt Ion:252 Resp: 1124353

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 13.0 10.4 15.6

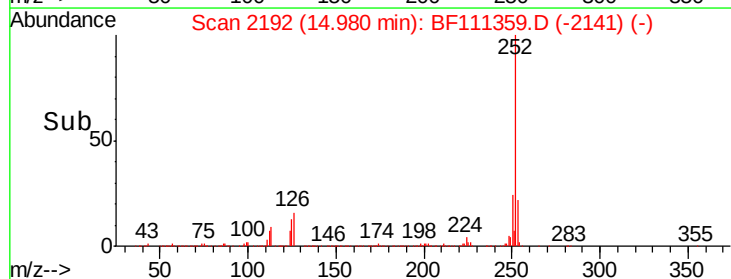
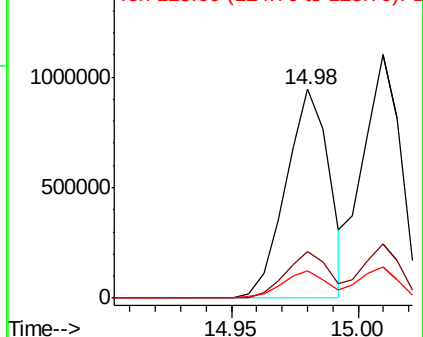


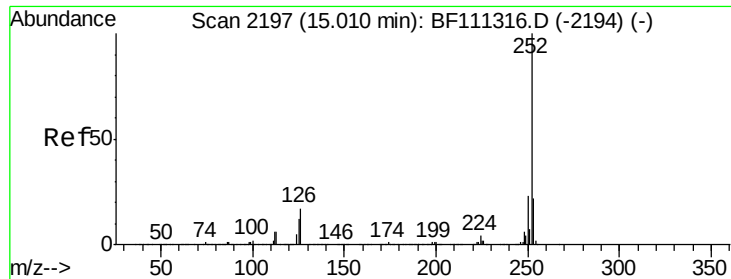
Abundance

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

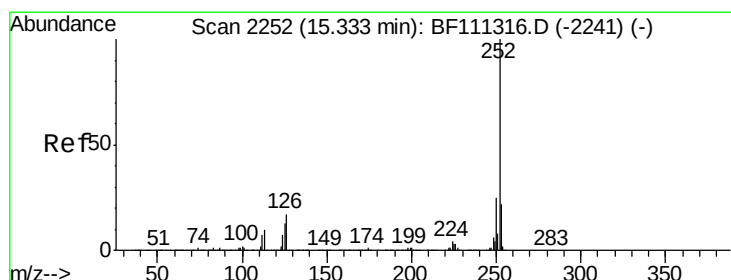
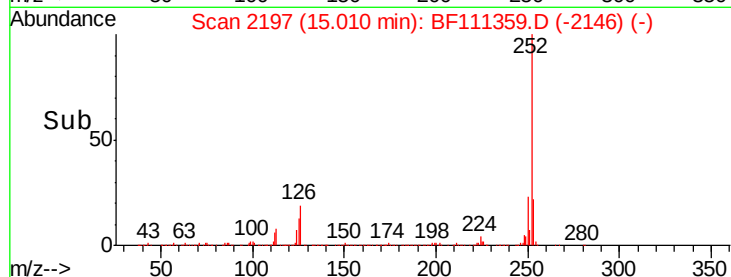
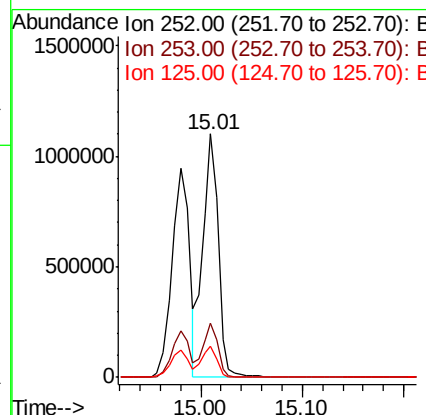
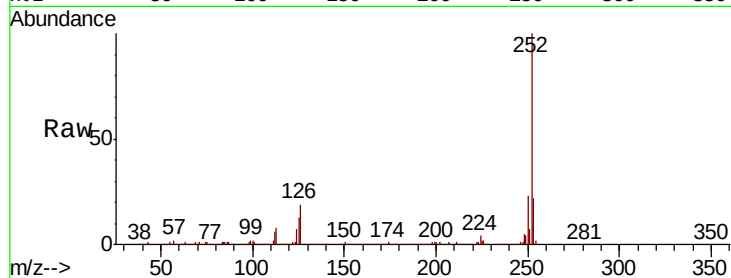




#89
Benzo(k)fluoranthene
Concen: 39.618 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

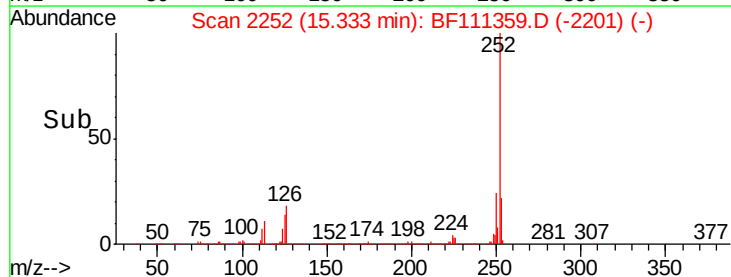
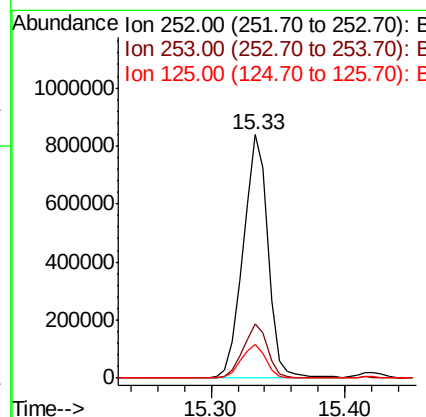
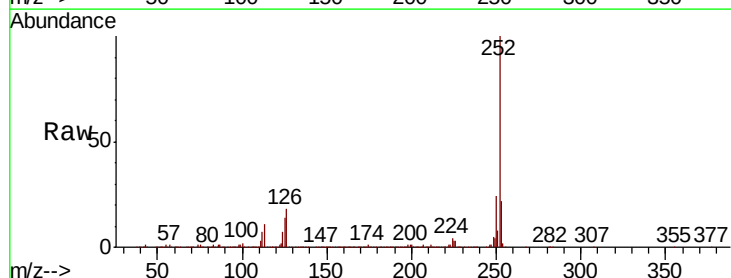
Instrument :
BNA_F
ClientSampleId :

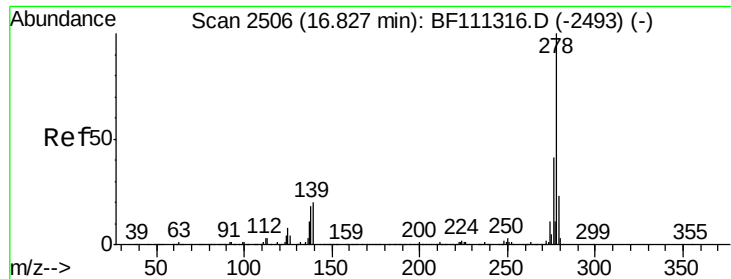
Tot Ion:252 Resp: 1163977
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.0 9.8 14.8



#90
Benzo(a)pyrene
Concen: 39.346 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:252 Resp: 1078309
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 13.9 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 41.448 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

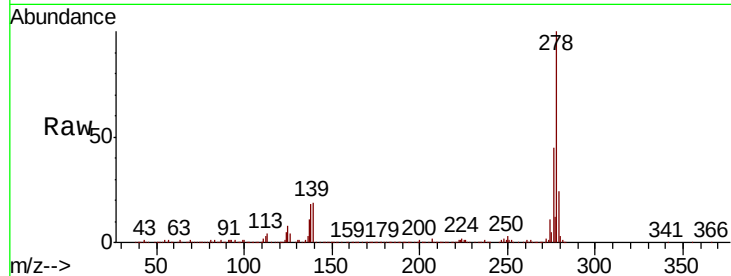
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 945079

Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.2	27.4
279	23.7	19.0	28.6

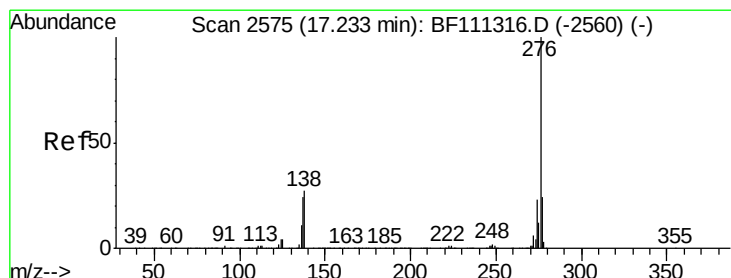
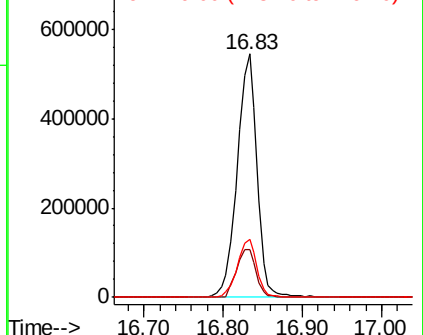
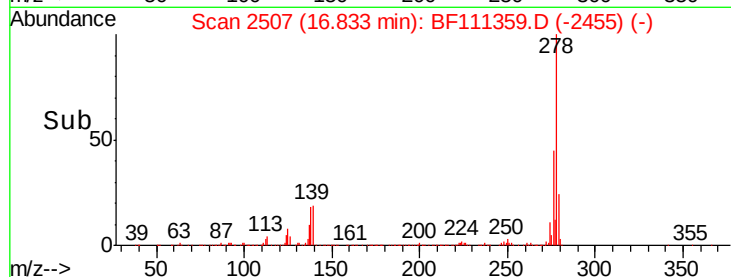


Abundance

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: 42.092 ng

RT: 17.24 min Scan# 2576

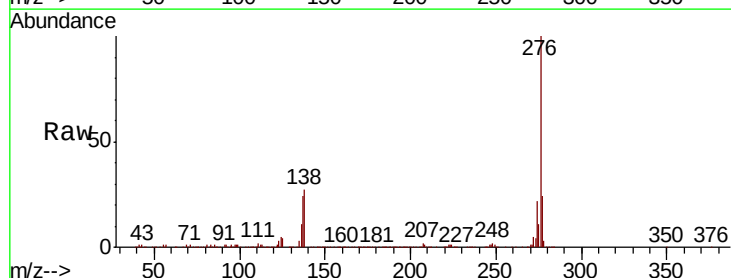
Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tgt Ion:276 Resp: 959562

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	27.4	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

