

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101908.D
 Acq On : 4 Jan 2018 23:03
 Operator : SJ/JU
 Sample : J1033-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 23:58:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156729	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	604075	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	229803	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	340951	20.00	ng	0.00
75) Chrysene-d12	13.96	240	262824	20.00	ng	0.00
86) Perylene-d12	15.43	264	193296	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1314789	124.96	ng	0.01
7) Phenol-d6	6.43	99	1454262	111.06	ng	0.01
23) Nitrobenzene-d5	7.35	82	951081	87.64	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	209925	94.80	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1049973	70.88	ng	0.00
78) Terphenyl-d14	12.88	244	869423	79.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	186772	34.546	ng	96
3) Pyridine	3.28	79	200037	13.317	ng	100
4) n-Nitrosodimethylamine	3.25	42	261469	37.806	ng	97
6) Aniline	6.45	93	409136	22.483	ng	# 47
8) 2-Chlorophenol	6.57	128	445593	40.259	ng	97
9) Benzaldehyde	6.35	77	140340	14.512	ng	97
10) Phenol	6.45	94	603303	40.423	ng	74
11) bis(2-Chloroethyl)ether	6.52	93	472581	40.367	ng	94
12) 1,3-Dichlorobenzene	6.71	146	478745	38.325	ng	98
13) 1,4-Dichlorobenzene	6.79	146	497379	38.991	ng	99
14) 1,2-Dichlorobenzene	6.94	146	432106	37.632	ng	99
15) Benzyl Alcohol	6.93	79	360875	40.039	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	782464	43.672	ng	92
17) 2-Methylphenol	7.05	107	382382	37.558	ng	# 85
18) Hexachloroethane	7.27	117	143472	32.349	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	331620	38.563	ng	91
20) 3+4-Methylphenols	7.21	107	533825	49.480	ng	97
22) Acetophenone	7.19	105	637437	46.246	ng	# 95
24) Nitrobenzene	7.37	77	526618	43.847	ng	96
25) Isophorone	7.60	82	963783	44.272	ng	98
26) 2-Nitrophenol	7.68	139	224266	43.464	ng	93
27) 2,4-Dimethylphenol	7.72	122	403550	46.037	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	585150	42.315	ng	99
29) 2,4-Dichlorophenol	7.95	162	377681	43.611	ng	100
30) 1,2,4-Trichlorobenzene	8.00	180	358001	39.172	ng	97
31) Naphthalene	8.07	128	1190407	39.143	ng	99
32) Benzoic acid	7.72	122	403550	64.953	ng	# 15
33) 4-Chloroaniline	8.15	127	213921	16.184	ng	96
34) Hexachlorobutadiene	8.18	225	202022	38.220	ng	99
35) Caprolactam	8.53	113	119569	39.762	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	384622	40.408	ng	99
37) 2-Methylnaphthalene	8.77	142	763595	38.539	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	352363	45.415	ng	98
40) Hexachlorocyclopentadiene	8.91	237	266	11.533	ng	# 26

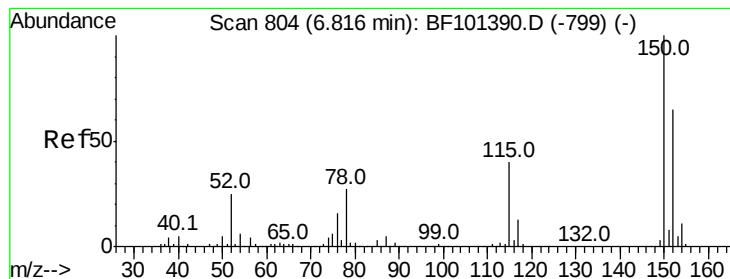
Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	217754	46.619	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	190045	37.159	nq	98
45) 1,1'-Biphenyl	9.23	154	896481	43.988	nq	99
46) 2-Chloronaphthalene	9.26	162	662369	42.476	nq	98
47) 2-Nitroaniline	9.37	65	263387	48.893	nq #	83
48) Acenaphthylene	9.67	152	953575	38.716	nq	100
49) Dimethylphthalate	9.53	163	951380	51.469	nq	100
50) 2,6-Dinitrotoluene	9.62	165	151557	40.342	nq #	80
51) Acenaphthene	9.85	154	563663	38.091	nq	98
52) 3-Nitroaniline	9.79	138	156421	33.396	nq	97
53) 2,4-Dinitrophenol	9.99	184	1057	11.024	nq #	1
54) Dibenzofuran	10.02	168	816316	43.408	nq	93
55) 4-Nitrophenol	10.02	139	492169	240.980	nq #	16
56) 2,4-Dinitrotoluene	10.03	165	194847	46.033	nq #	83
57) Fluorene	10.36	166	625920	39.345	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	152005	41.368	nq	90
59) Diethylphthalate	10.23	149	751677	41.064	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	318866	41.822	nq	94
61) 4-Nitroaniline	10.42	138	150719	32.013	nq	99
62) Azobenzene	10.51	77	738428	38.942	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	3961	2.277	nq #	44
65) n-Nitrosodiphenylamine	10.47	169	572150	45.447	nq	96
66) 4-Bromophenyl-phenylether	10.83	248	175329	45.766	nq	94
67) Hexachlorobenzene	10.92	284	163072	40.219	nq	94
68) Atrazine	11.00	200	165340	44.045	nq	98
69) Pentachlorophenol	11.13	266	110998	71.184	nq	99
70) Phenanthrene	11.33	178	874525	46.123	nq	99
71) Anthracene	11.38	178	817684	42.218	nq	100
72) Carbazole	11.55	167	696807	38.427	nq	100
73) Di-n-butylphthalate	11.85	149	1004078	45.621	nq	99
74) Fluoranthene	12.52	202	940409	47.252	nq	100
76) Benzidine	12.65	184	335411	30.216	nq	97
77) Pyrene	12.76	202	950809	48.204	nq	99
79) Butylbenzylphthalate	13.34	149	383568	42.977	nq	96
80) Benzo(a)anthracene	13.95	228	797286	45.941	nq	98
81) 3,3'-Dichlorobenzidine	13.90	252	207496	36.668	nq	97
82) Chrysene	13.99	228	744251	45.420	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	630261	55.753	nq	98
84) Di-n-octyl phthalate	14.51	149	959523	47.594	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	468628	32.116	nq	96
87) Benzo(b)fluoranthene	15.00	252	647562	54.963	nq	99
88) Benzo(k)fluoranthene	15.03	252	523020	45.658	nq	98
89) Benzo(a)pyrene	15.37	252	522075	48.068	nq	100
90) Dibenzo(a,h)anthracene	16.90	278	377502	40.482	nq	98
91) Benzo(g,h,i)perylene	17.37	276	402800	43.622	nq	94

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

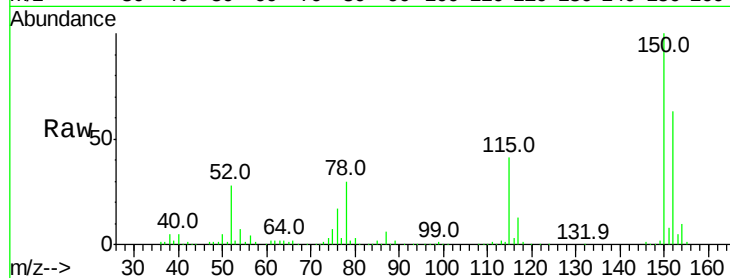


#1

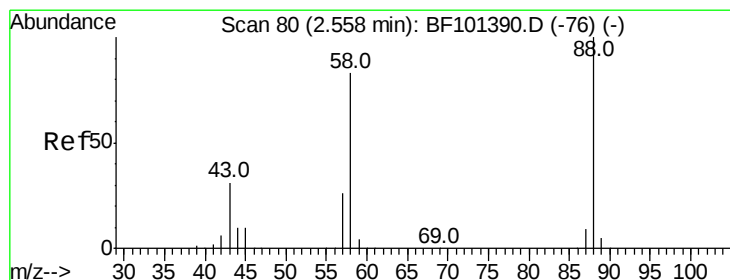
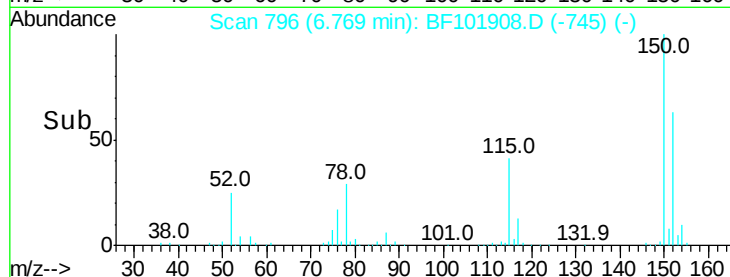
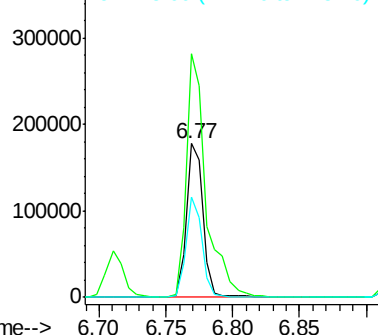
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156729
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 65.0 50.1 75.1



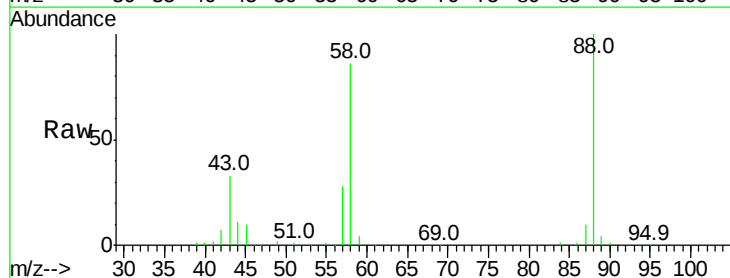
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



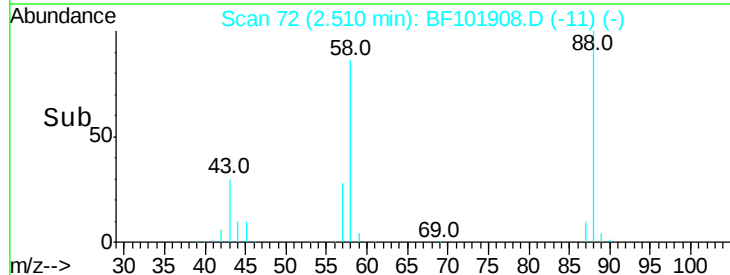
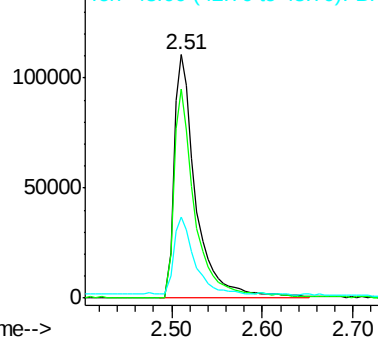
#2

1,4-Dioxane
Concen: 34.546 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.06 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion: 88 Resp: 186772
Ion Ratio Lower Upper
88 100
58 82.0 62.6 93.8
43 29.2 24.6 37.0



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

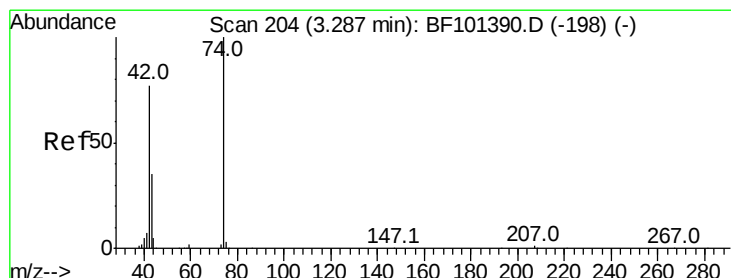
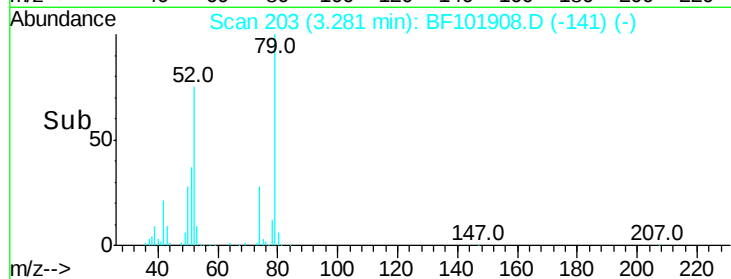
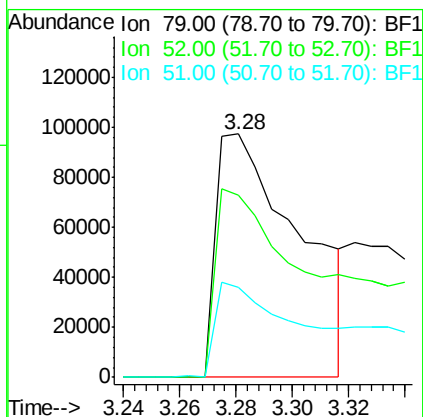
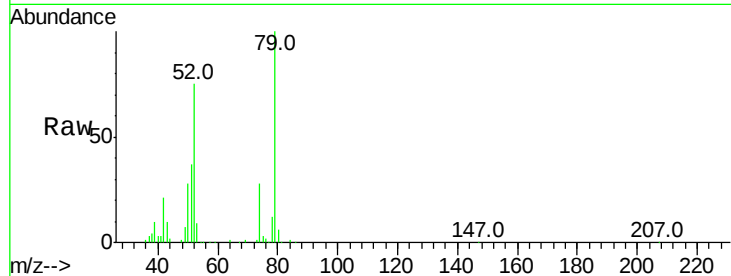




#3
 Pvridine
 Concen: 13.317 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.06 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

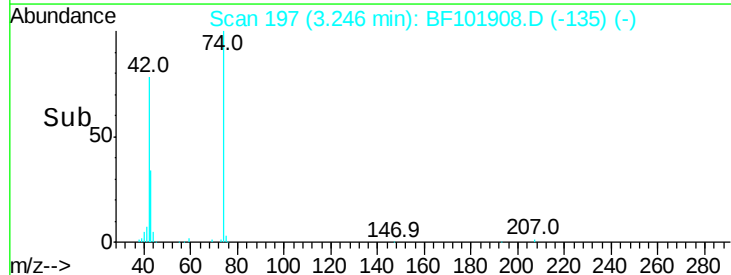
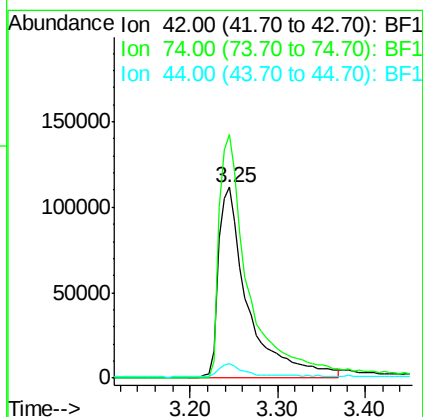
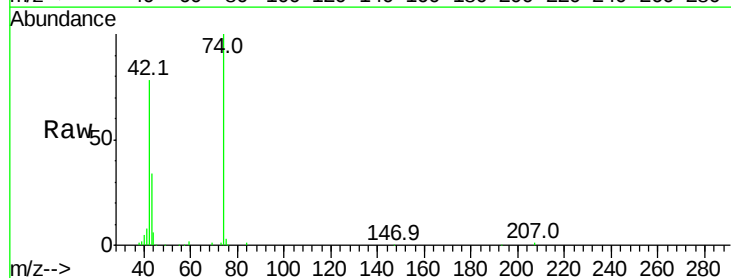
Instrument :
 BNA_F
 ClientSampleId :

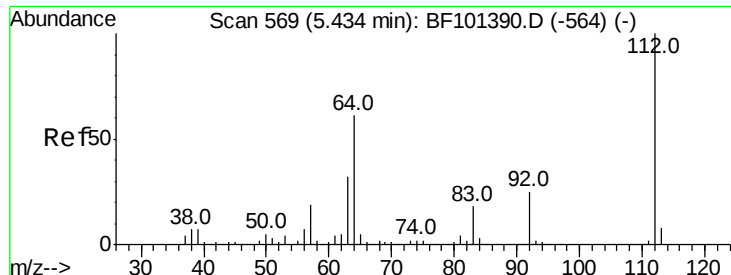
Tot Ion: 79 Resp: 200037
 Ion Ratio Lower Upper
 79 100
 52 75.0 59.8 89.6
 51 37.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.806 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.06 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion: 42 Resp: 261469
 Ion Ratio Lower Upper
 42 100
 74 127.7 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 124.960 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :

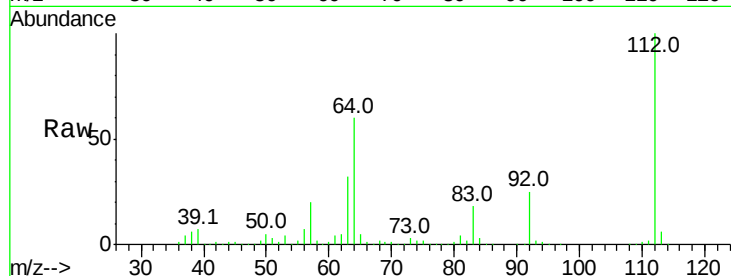
Tot Ion:112 Resp: 1314789

Ion Ratio Lower Upper

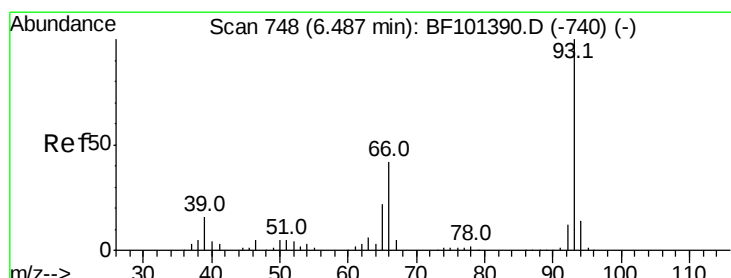
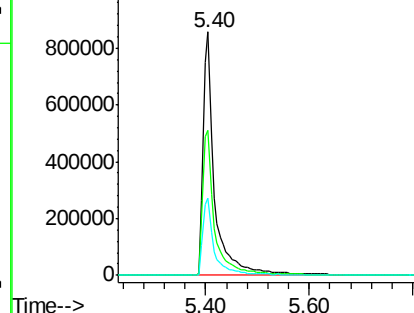
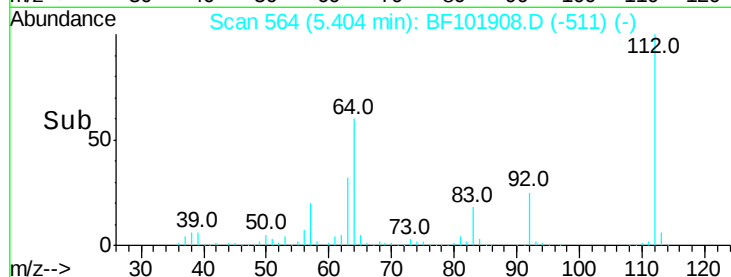
112 100

64 59.7 47.9 71.9

63 31.7 23.7 35.5



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: 22.483 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

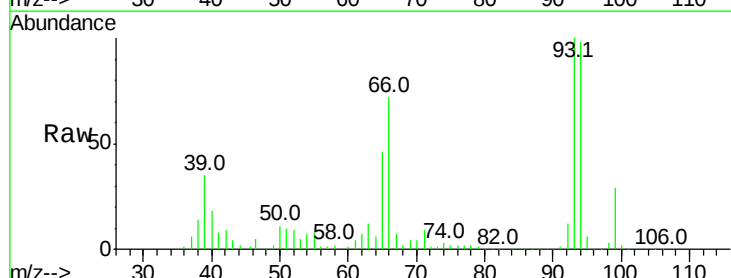
Tgt Ion: 93 Resp: 409136

Ion Ratio Lower Upper

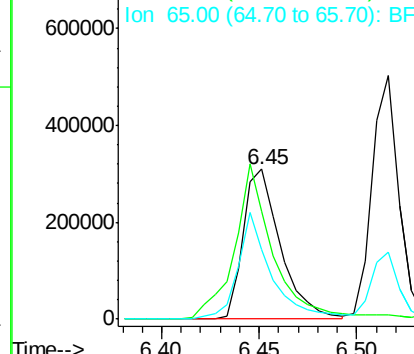
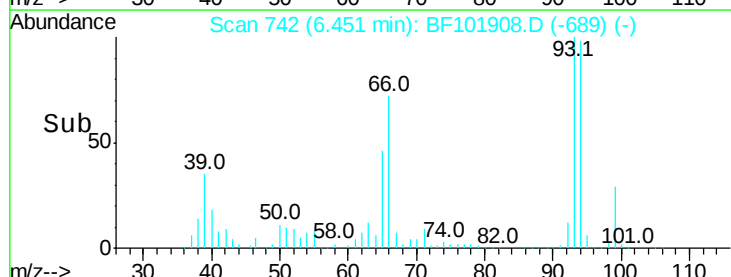
93 100

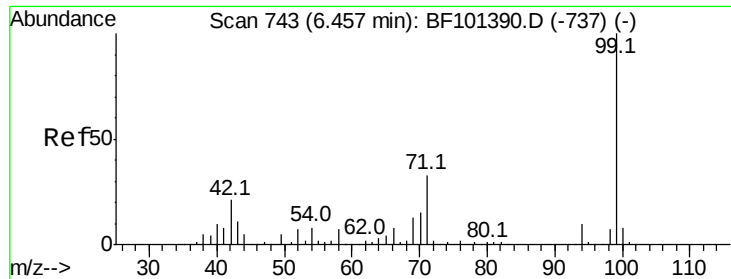
66 72.0 32.2 48.2#

65 46.3 16.4 24.6#



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: 111.058 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

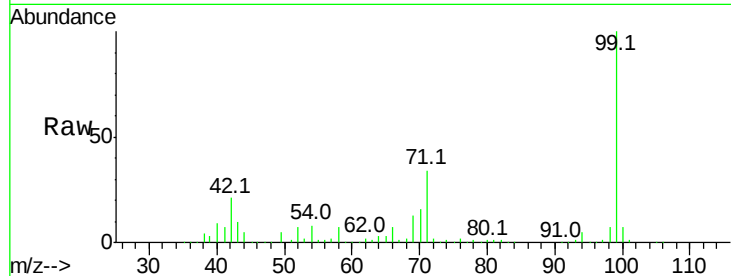
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1454262

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.2	25.4	38.0

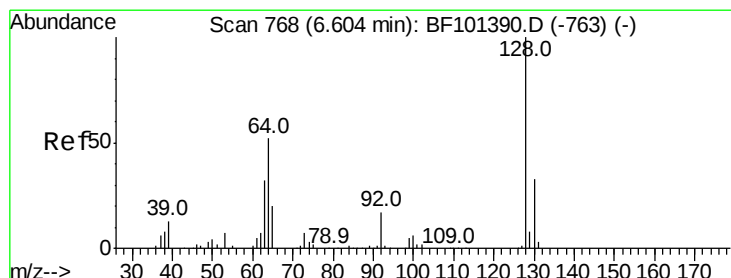
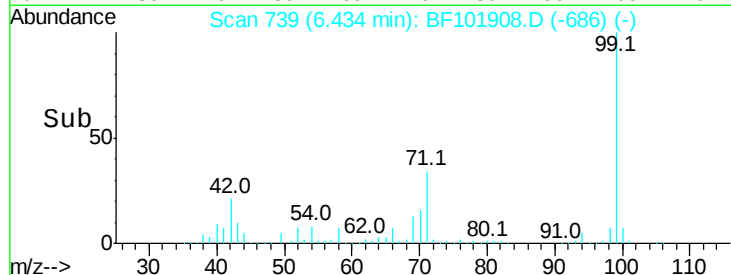
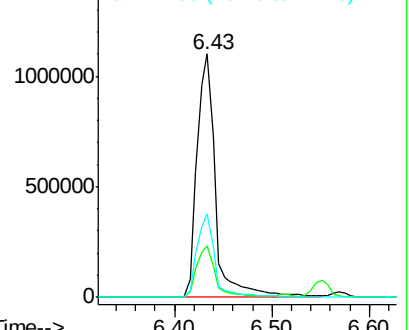


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.259 ng

RT: 6.57 min Scan# 762

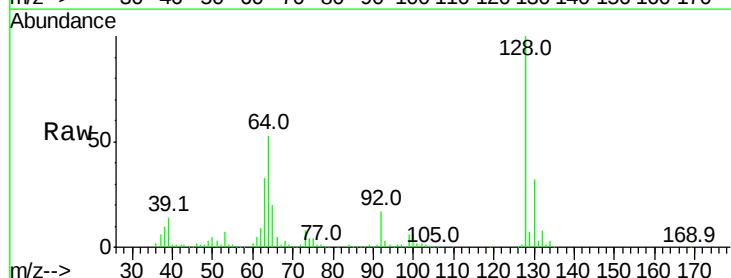
Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion: 128 Resp: 445593

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	52.7	29.4	69.4

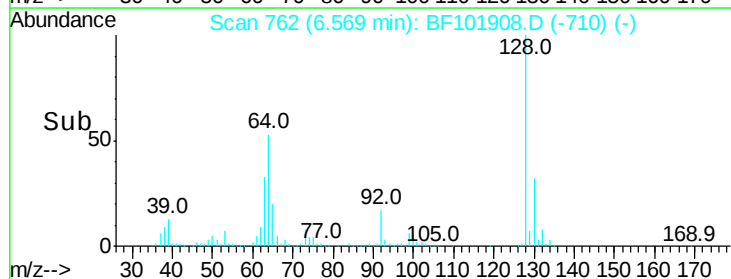
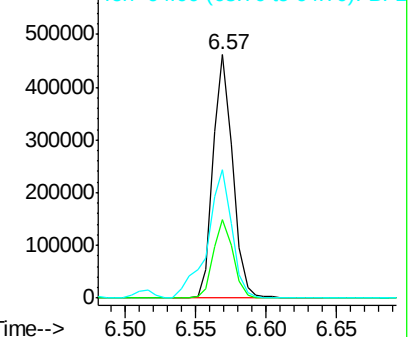


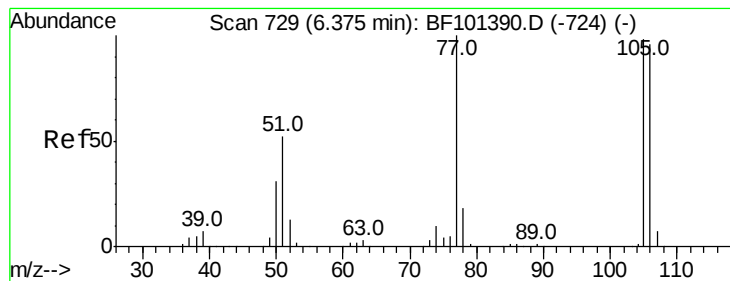
Abundance

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: 14.512 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampled :

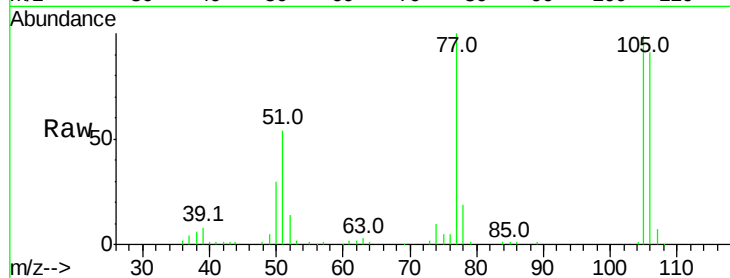
Tot Ion: 77 Resp: 140340

Ion Ratio Lower Upper

77 100

105 98.9 81.1 121.1

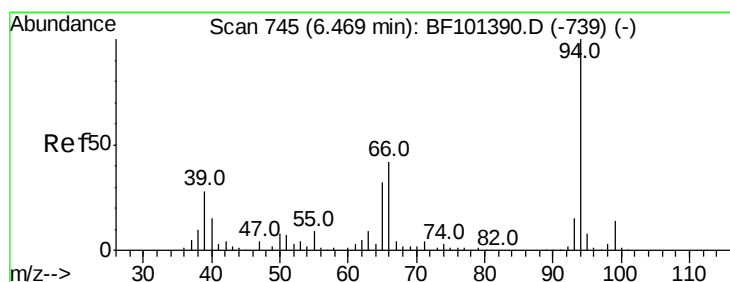
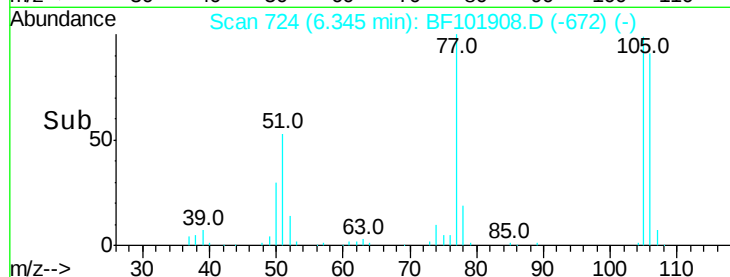
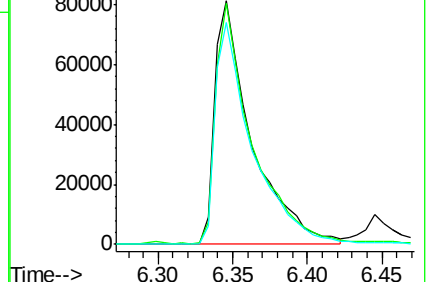
106 90.9 74.5 114.5



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: 40.423 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

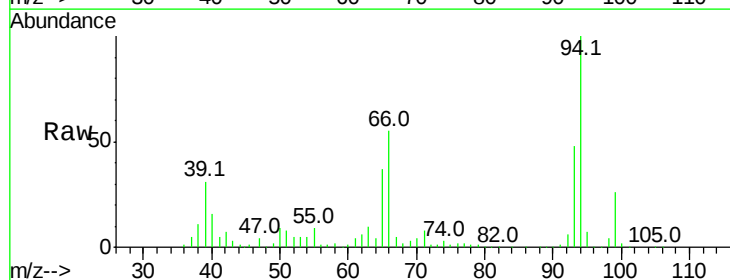
Tgt Ion: 94 Resp: 603303

Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

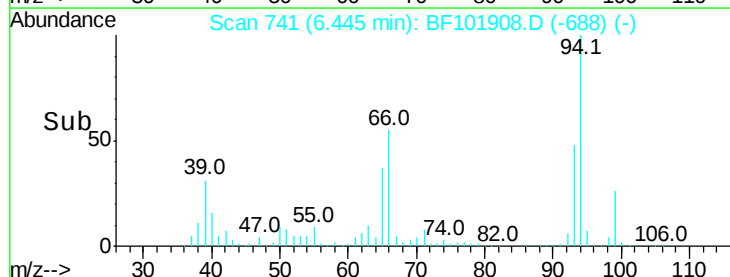
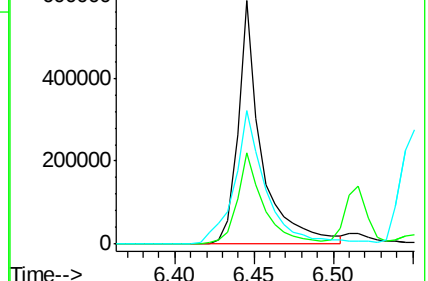
66 54.6 16.2 56.2

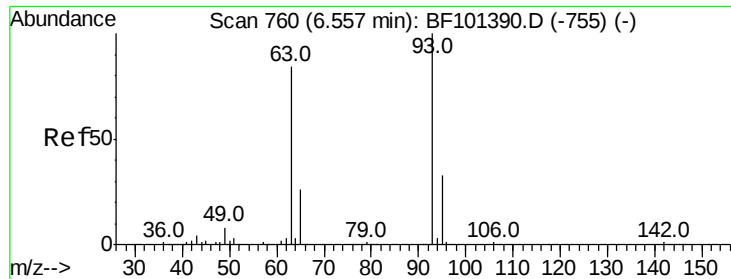


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

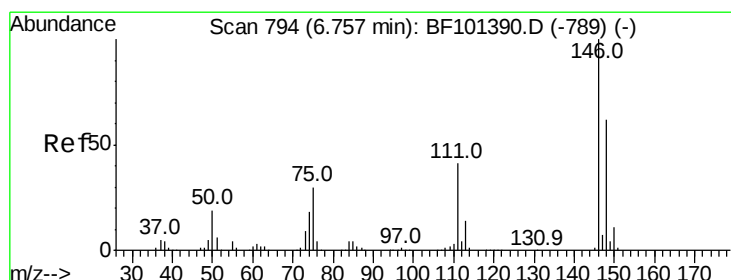
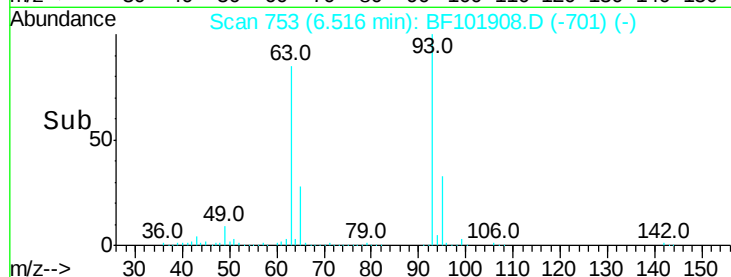
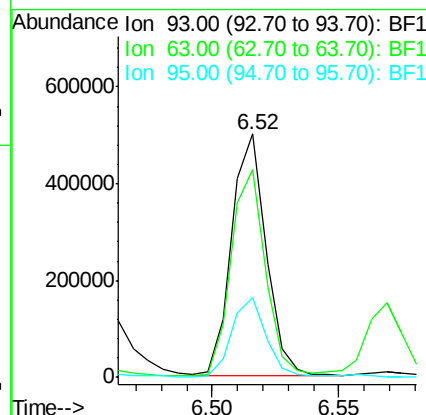
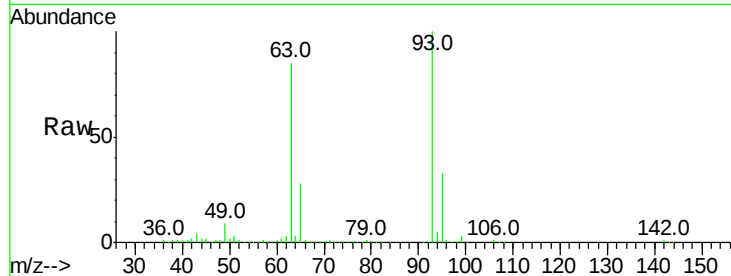




#11
bis(2-Chloroethyl)ether
Concen: 40.367 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

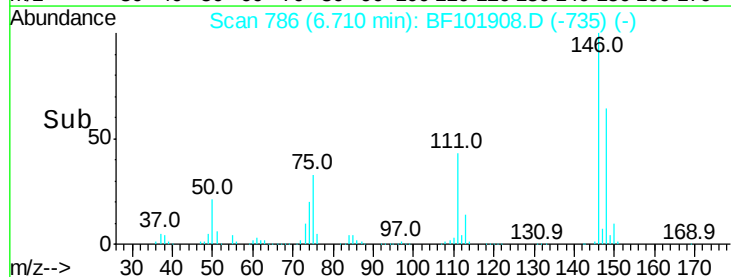
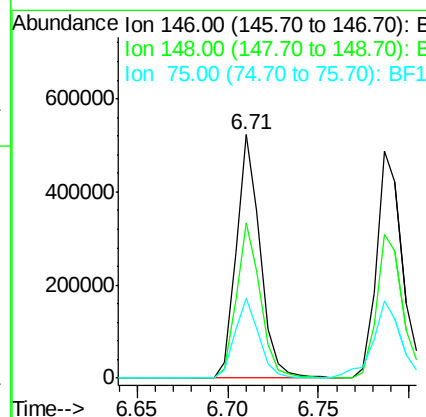
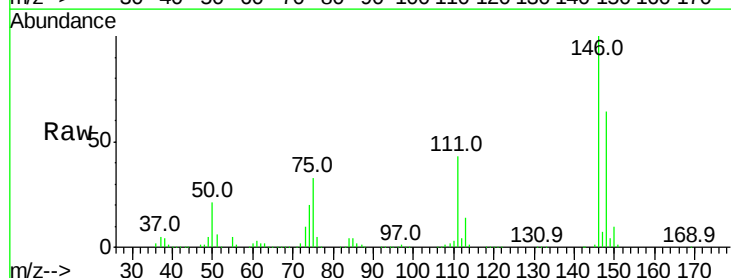
Instrument :
BNA_F
ClientSampleId :

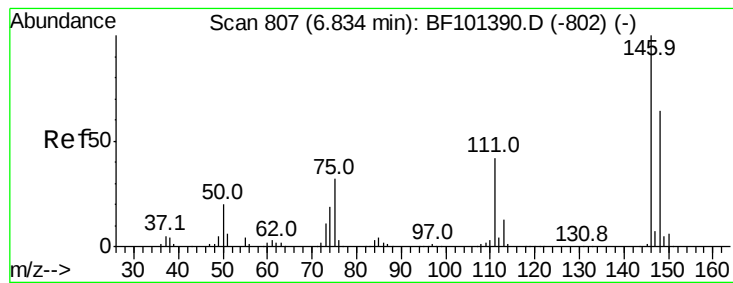
Tot Ion: 93 Resp: 472581
Ion Ratio Lower Upper
93 100
63 85.4 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.325 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:146 Resp: 478745
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 32.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.991 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

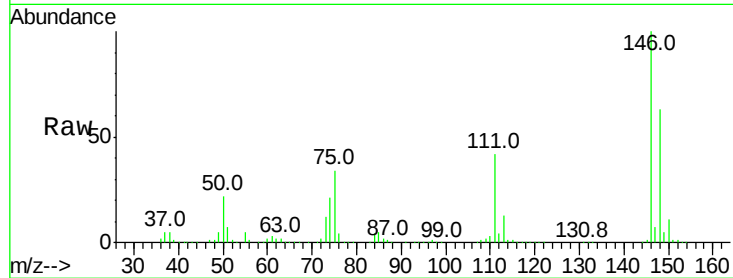
Tot Ion:146 Resp: 497379

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

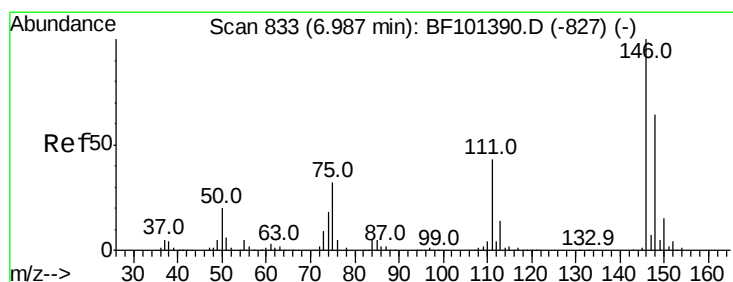
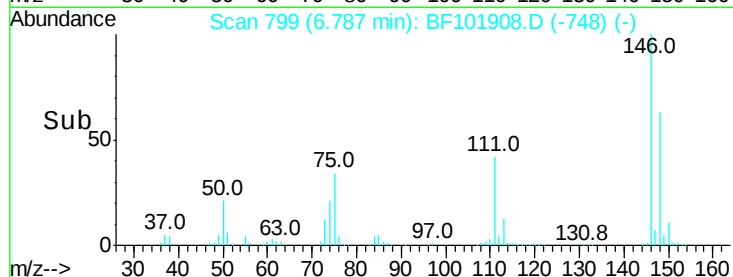
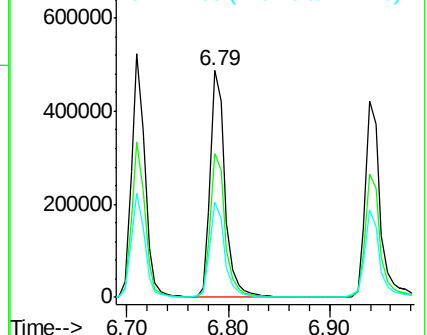
111 42.2 34.2 51.2



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: 37.632 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

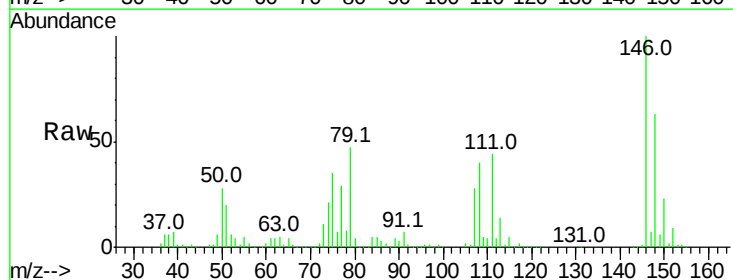
Tgt Ion:146 Resp: 432106

Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

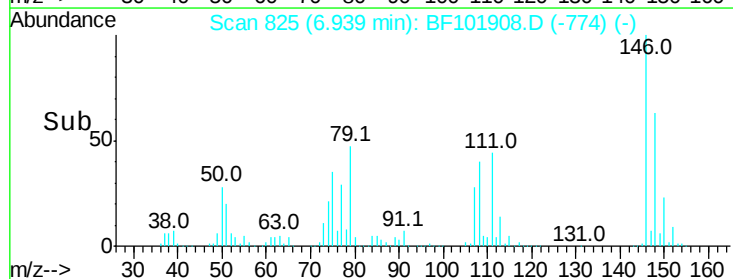
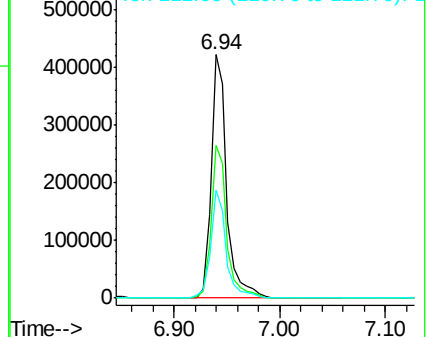
111 44.5 36.0 54.0

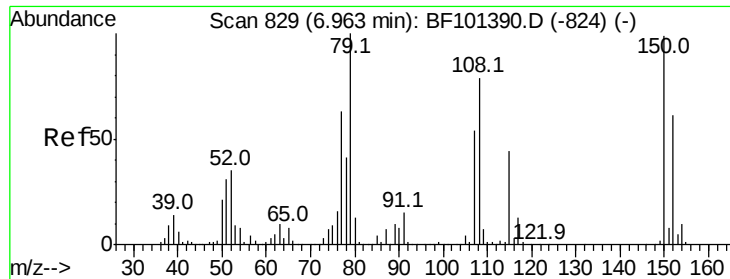


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

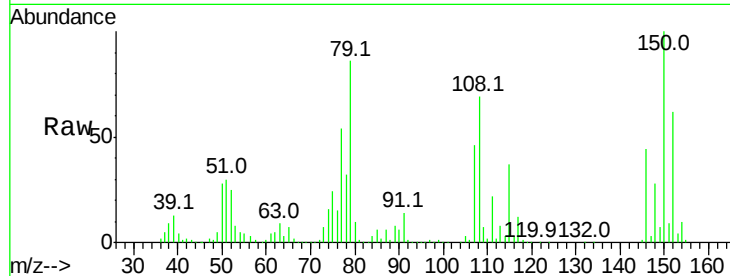




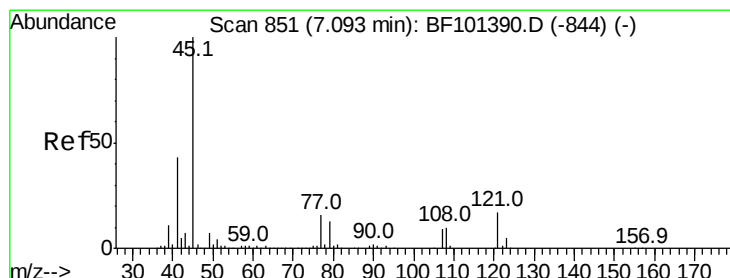
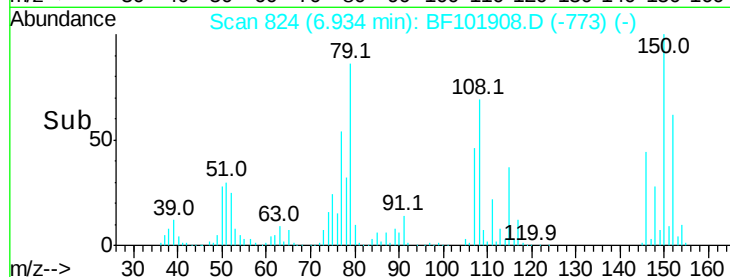
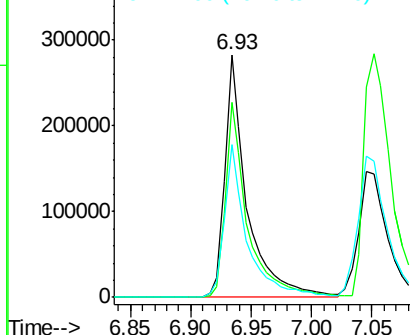
#15
Benzyl Alcohol
Concen: 40.039 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 360875
Ion Ratio Lower Upper
79 100
108 80.6 65.1 97.7
77 63.1 50.6 75.8

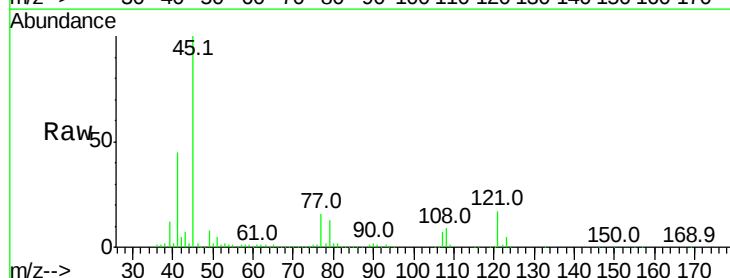


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

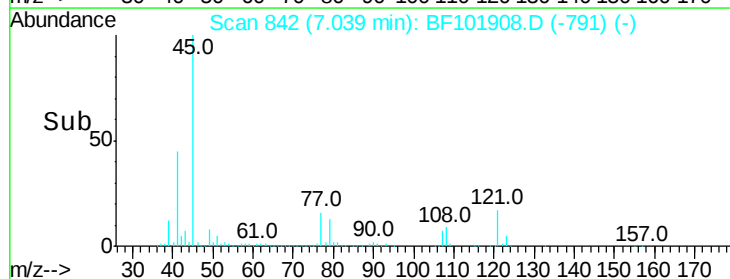
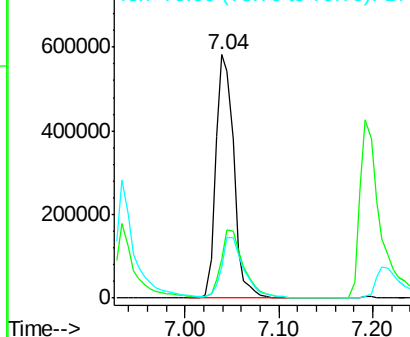


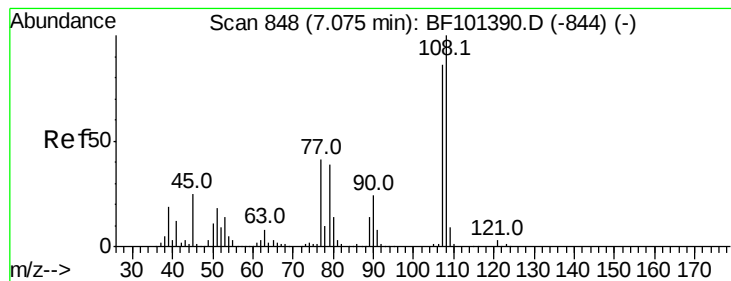
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.672 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion: 45 Resp: 782464
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.9
79 13.0 0.0 29.6



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

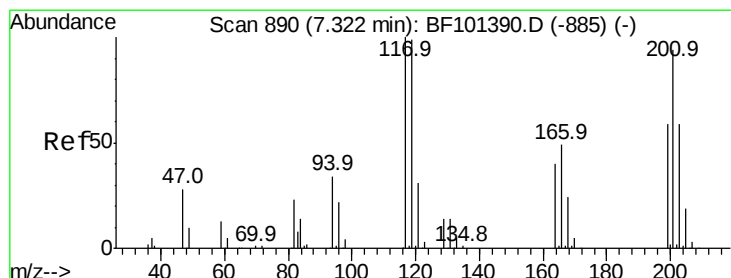
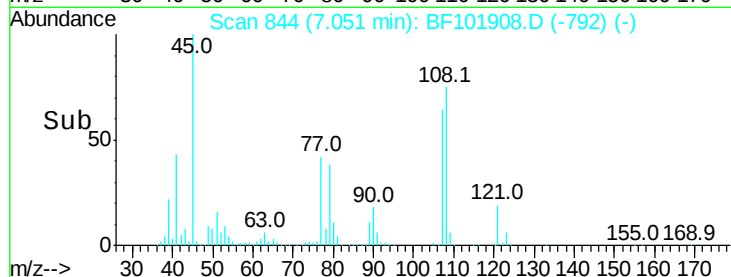
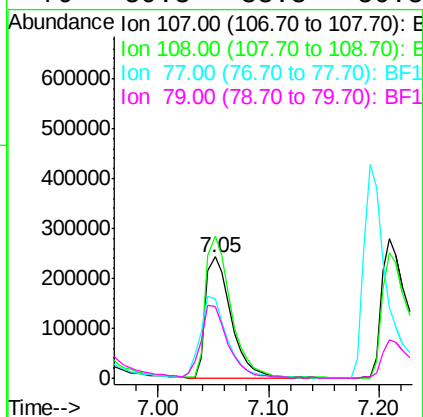
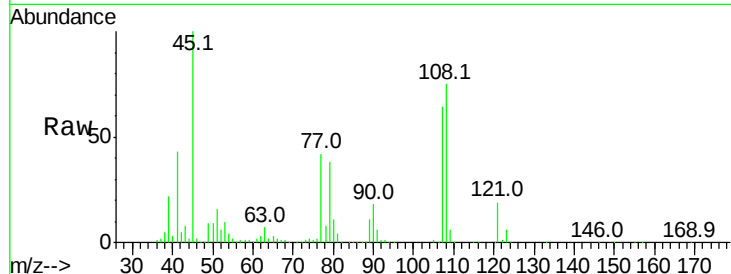




#17
2-Methylphenol
Concen: 37.558 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

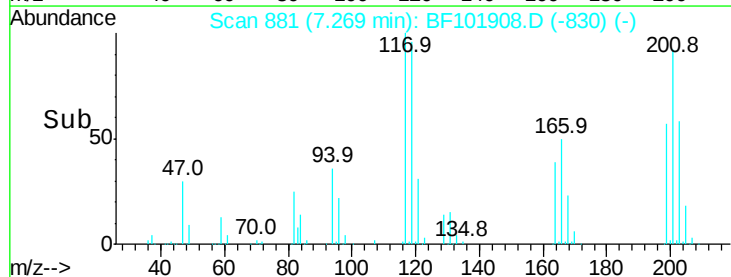
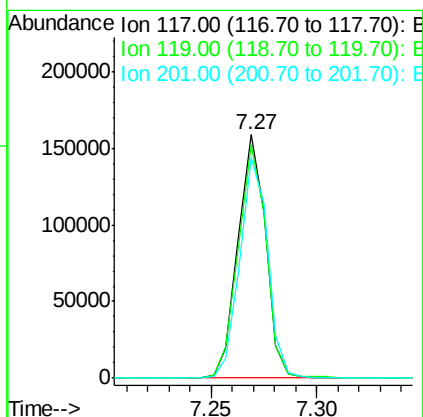
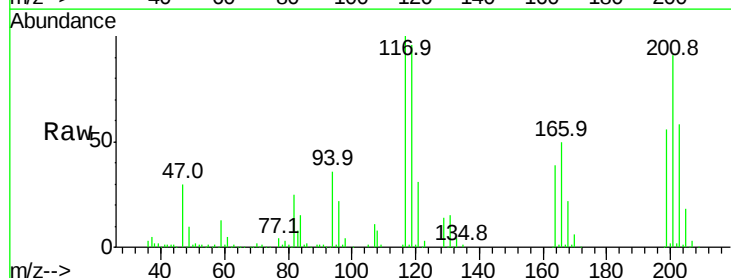
Instrument :
BNA_F
ClientSampled :

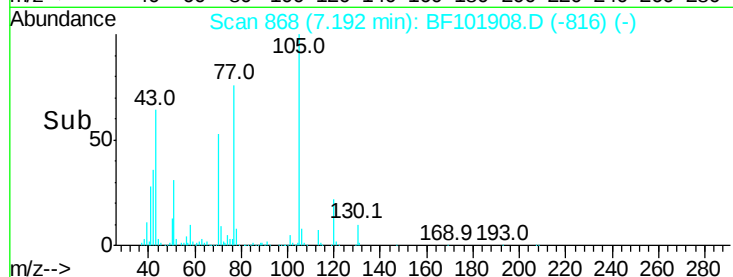
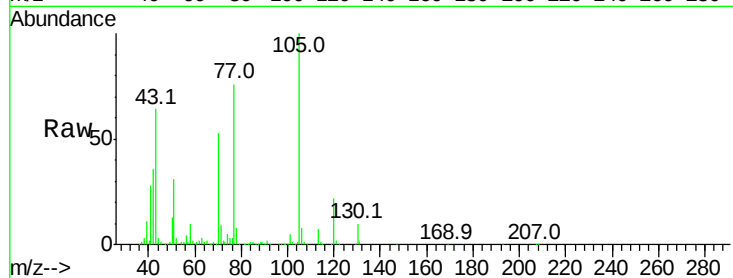
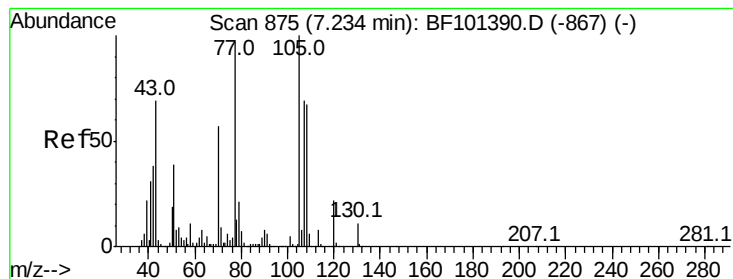
Tot Ion:107 Resp: 382382
Ion Ratio Lower Upper
107 100
108 117.0 91.7 137.5
77 65.7 33.8 50.8#
79 59.3 33.8 50.8#



#18
Hexachloroethane
Concen: 32.349 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:117 Resp: 143472
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 90.8 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.563 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 331620

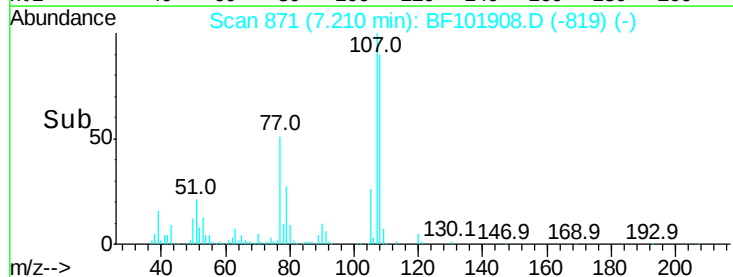
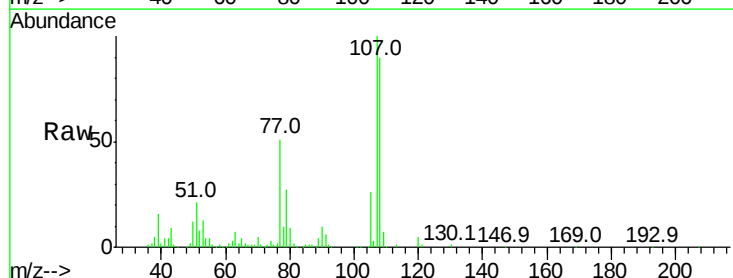
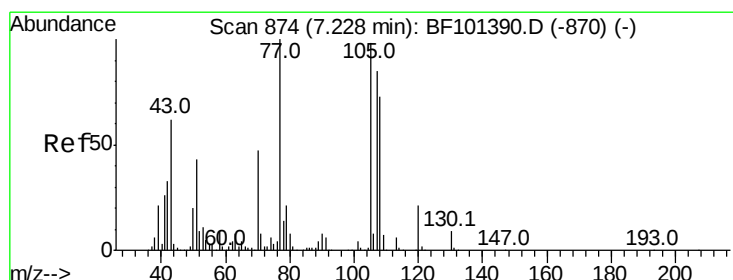
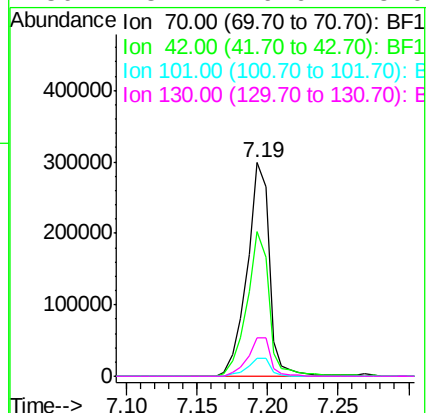
Ion Ratio Lower Upper

70 100

42 67.9 47.5 71.3

101 8.7 7.4 11.2

130 18.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 49.480 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion: 107 Resp: 533825

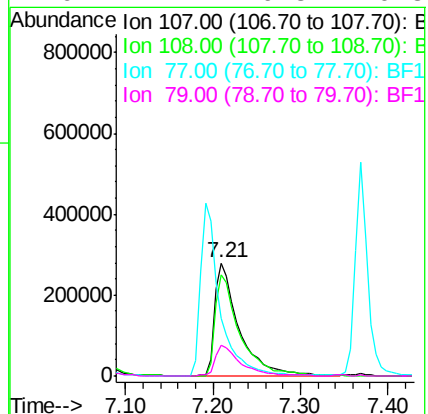
Ion Ratio Lower Upper

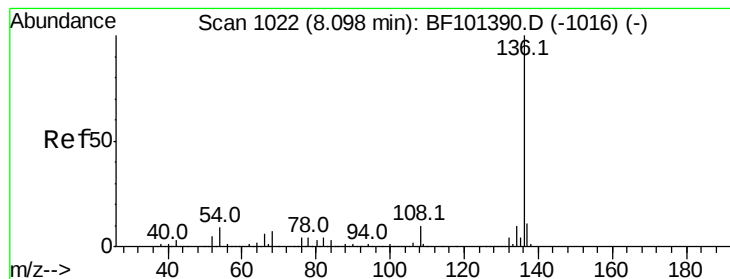
107 100

108 89.8 68.2 108.2

77 50.7 26.7 66.7

79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 604075

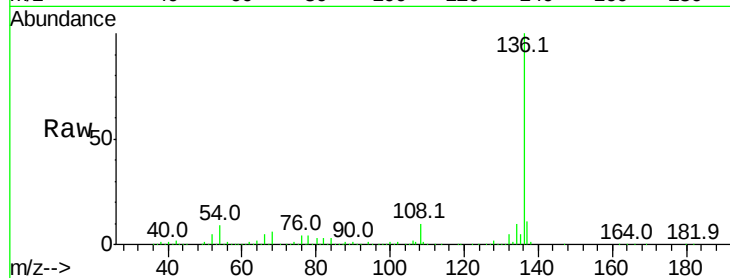
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 6.4 5.0 7.4

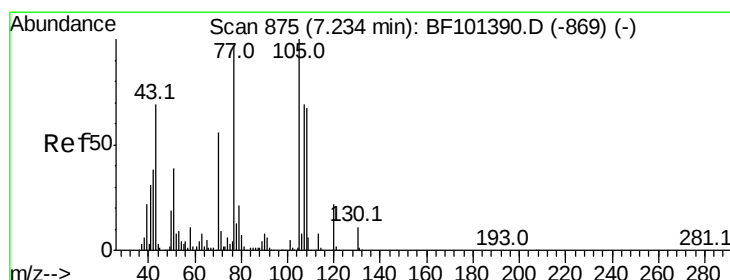
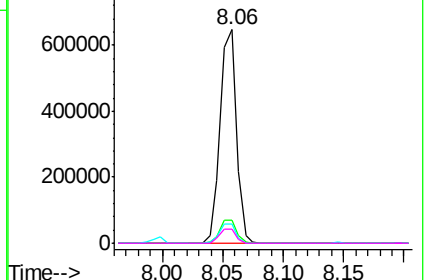
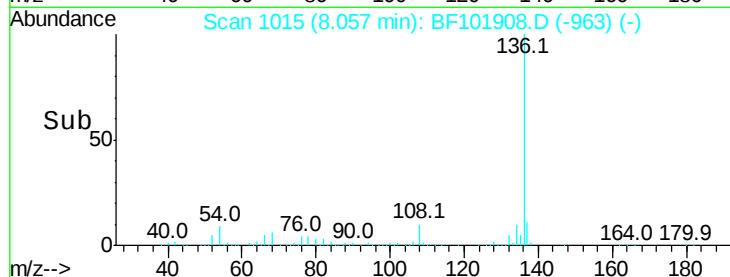


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.246 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:105 Resp: 637437

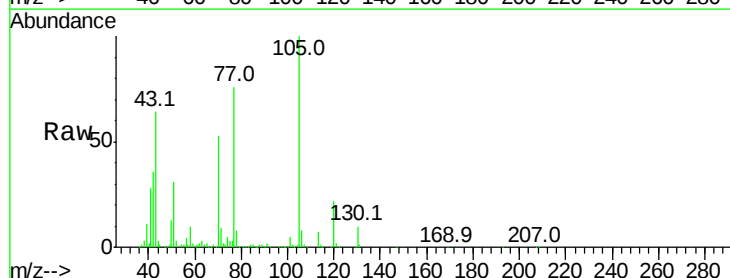
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 31.2 22.3 33.5

120 21.6 16.9 25.3

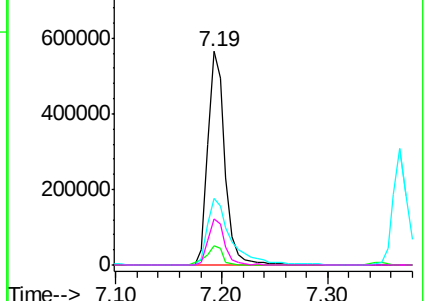
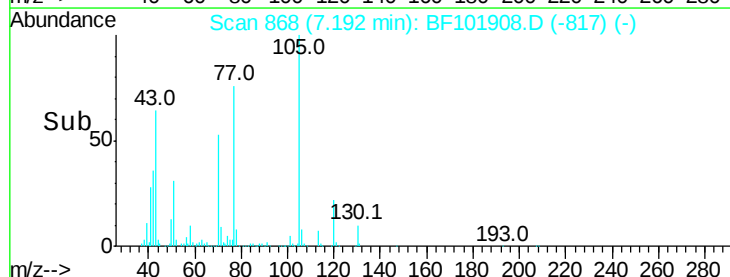


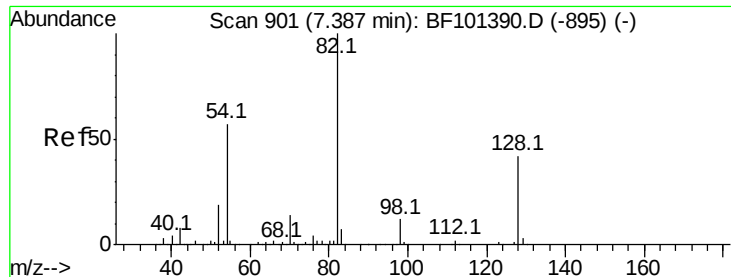
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

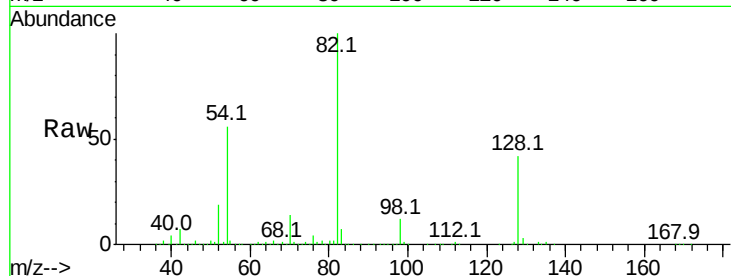




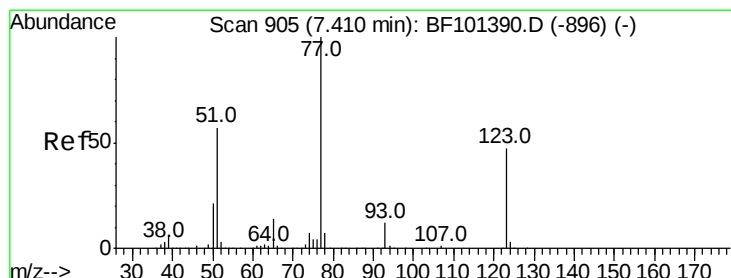
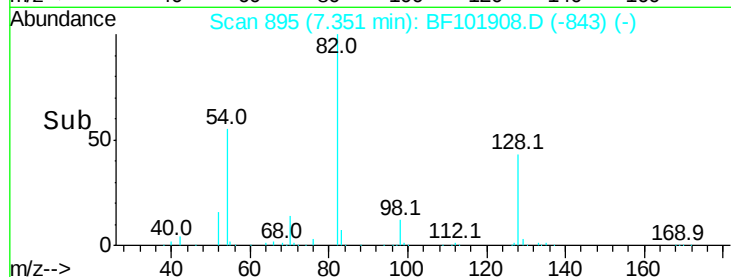
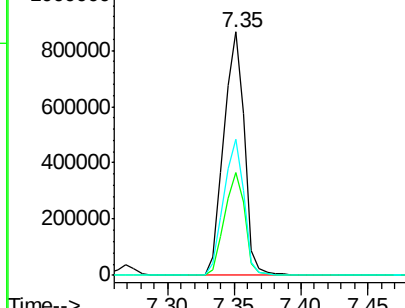
#23
Nitrobenzene-d5
Concen: 87.643 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 951081
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 56.0 41.4 62.2

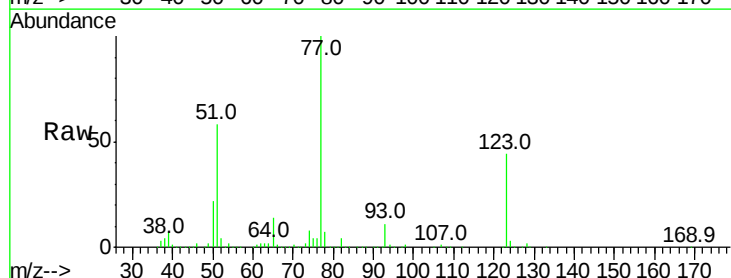


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

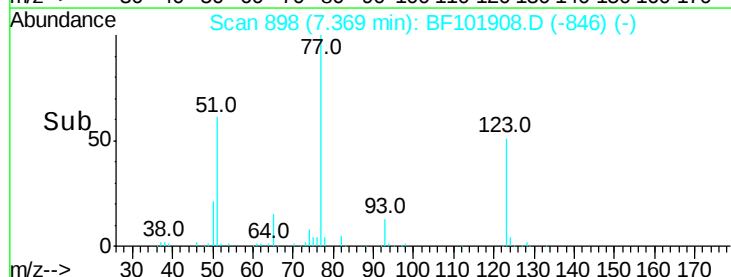
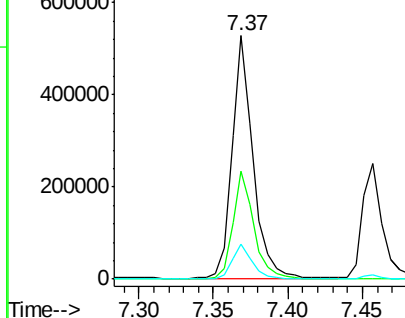


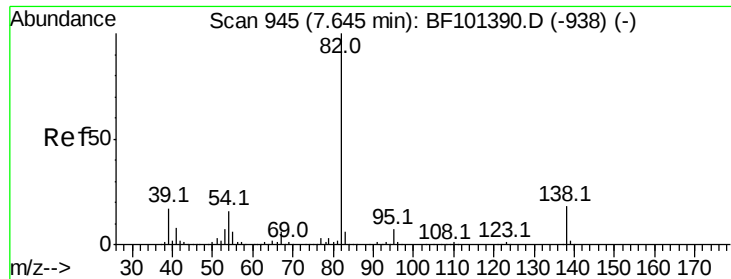
#24
Nitrobenzene
Concen: 43.847 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion: 77 Resp: 526618
Ion Ratio Lower Upper
77 100
123 44.2 37.9 56.9
65 14.3 11.0 16.4



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





#25

Isophorone

Concen: 44.272 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

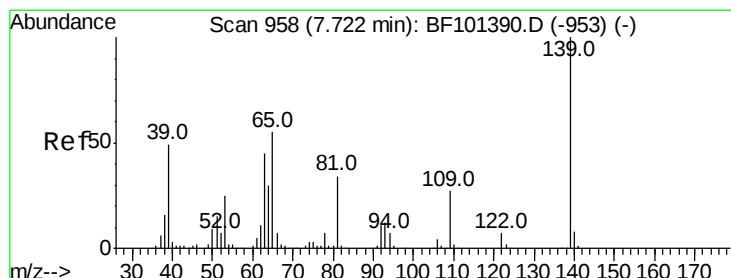
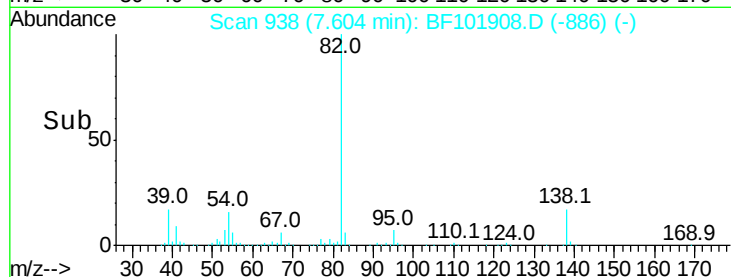
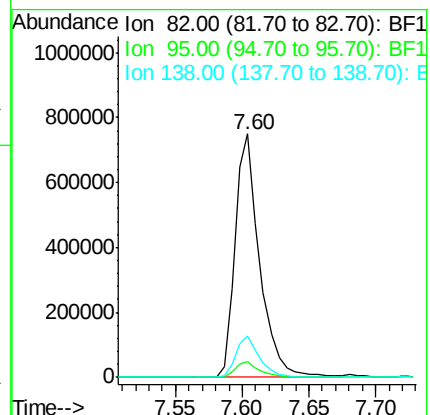
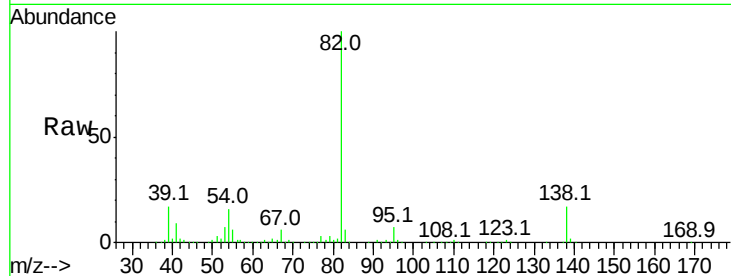
Tot Ion: 82 Resp: 963783

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 43.464 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

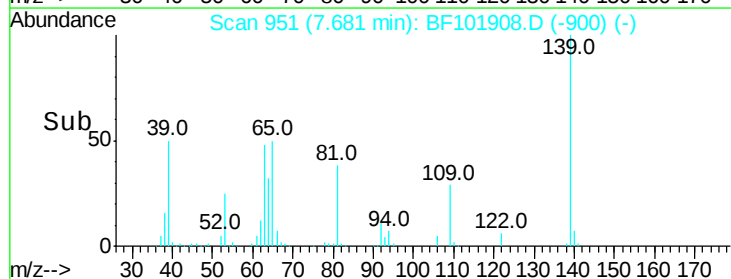
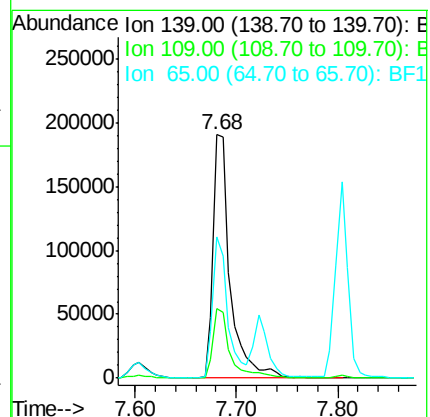
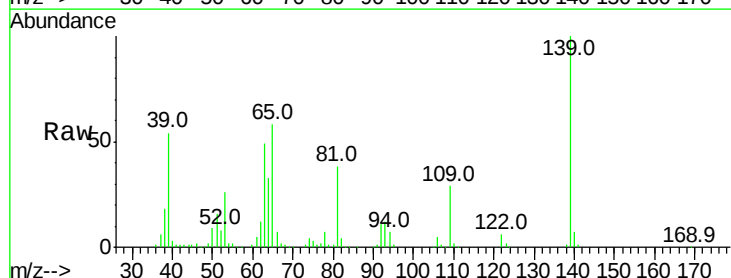
Tgt Ion:139 Resp: 224266

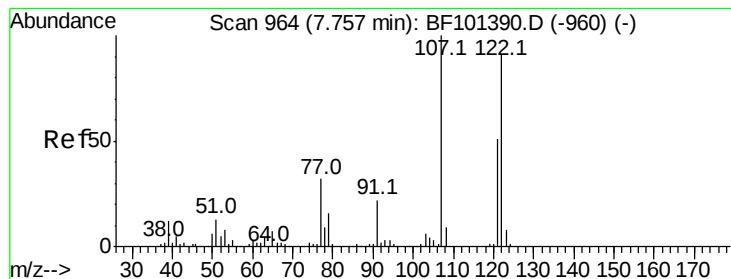
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 58.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.037 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

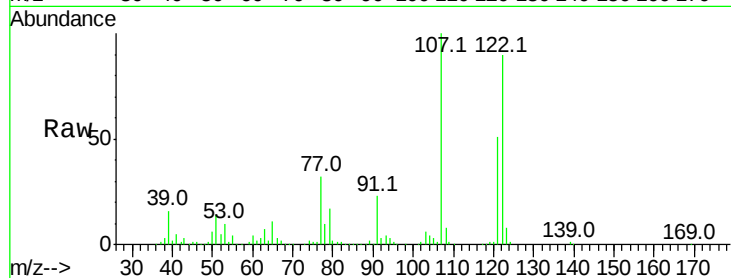
Tot Ion:122 Resp: 403550

Ion Ratio Lower Upper

122 100

107 111.3 91.2 136.8

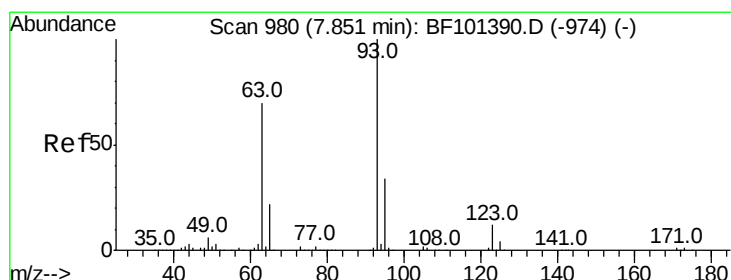
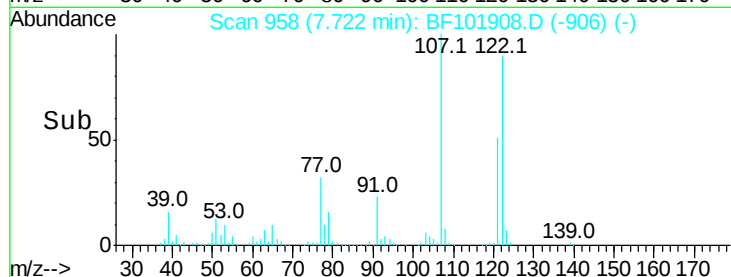
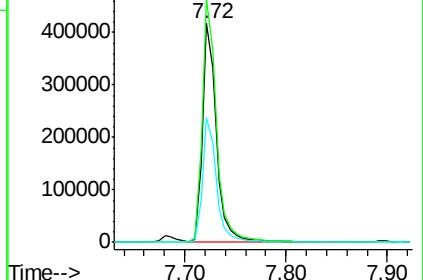
121 56.9 47.2 70.8



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: 42.315 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

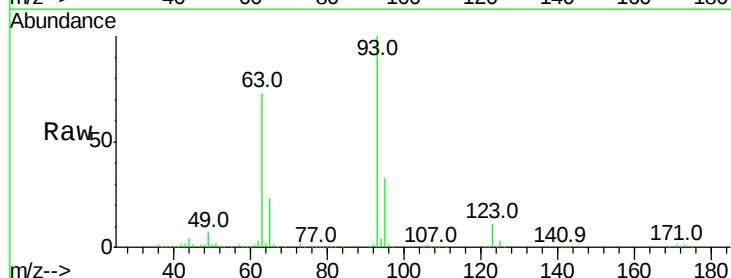
Tgt Ion: 93 Resp: 585150

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

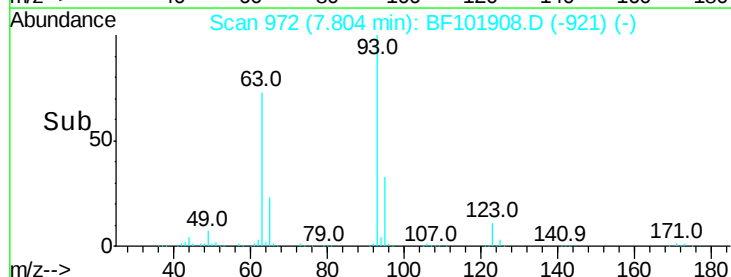
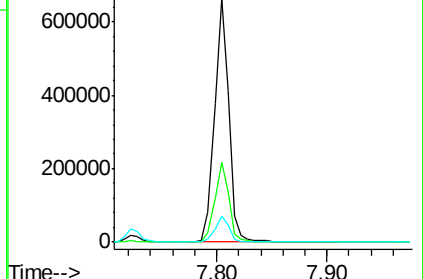
123 10.5 9.8 14.6

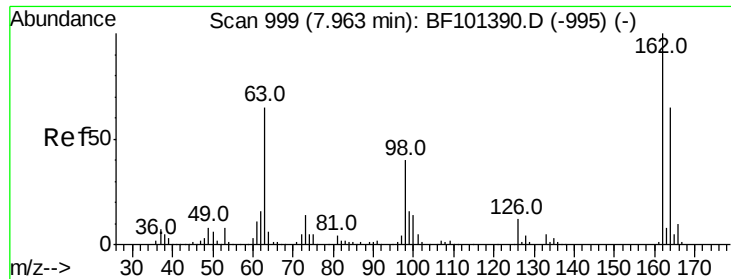


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

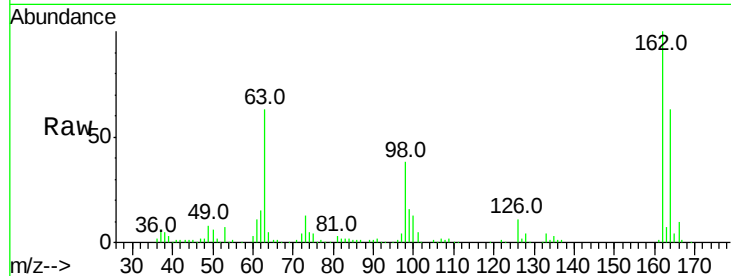




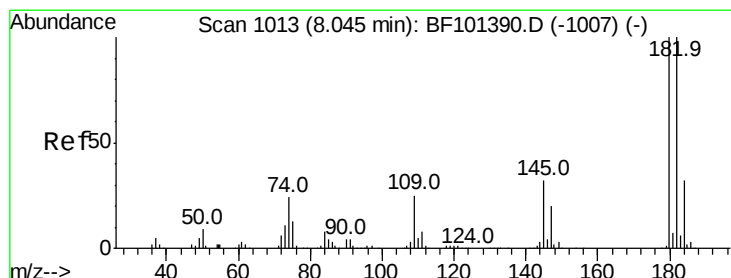
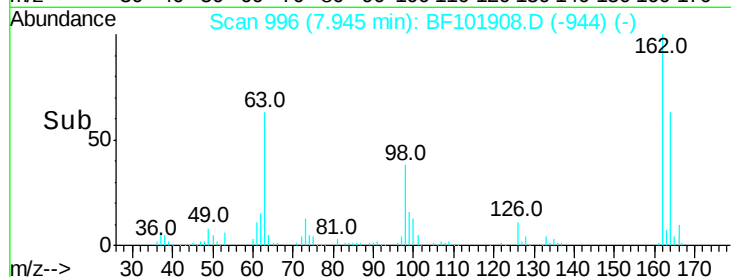
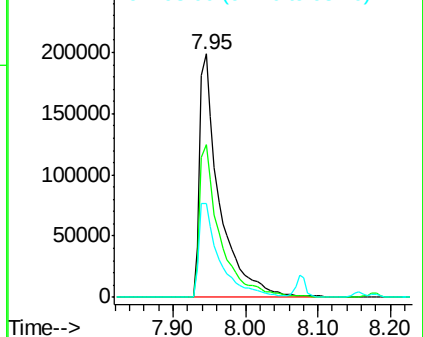
#29
 2,4-Dichlorophenol
 Concen: 43.611 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 377681
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.7 82.7
 98 38.5 18.1 58.1

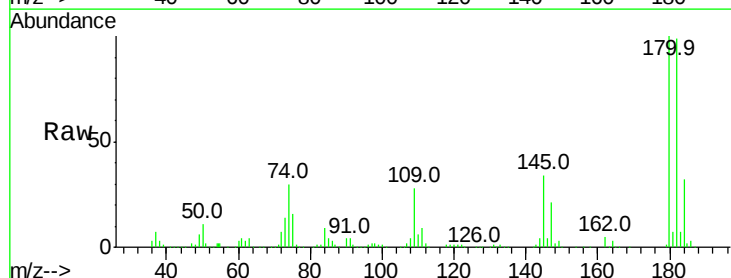


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

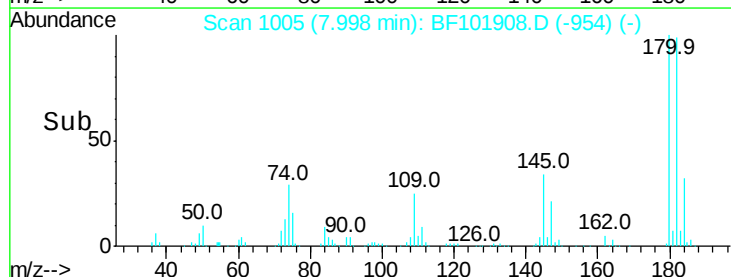
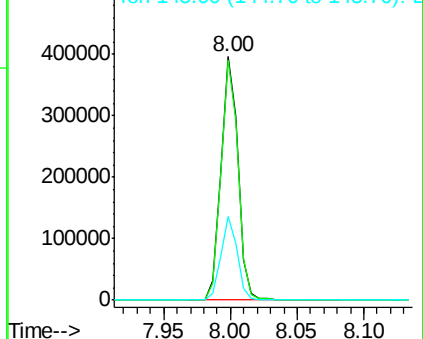


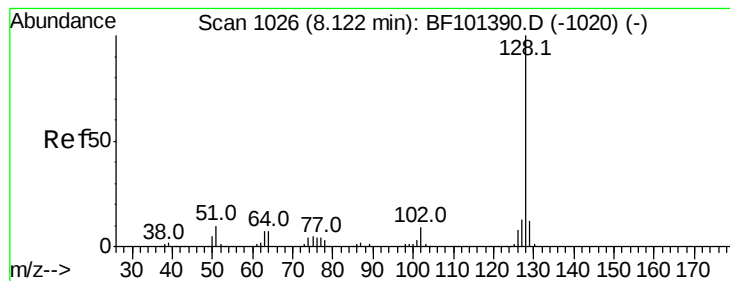
#30
 1,2,4-Trichlorobenzene
 Concen: 39.172 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:180 Resp: 358001
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.8 115.2
 145 34.1 26.5 39.7



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: 39.143 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

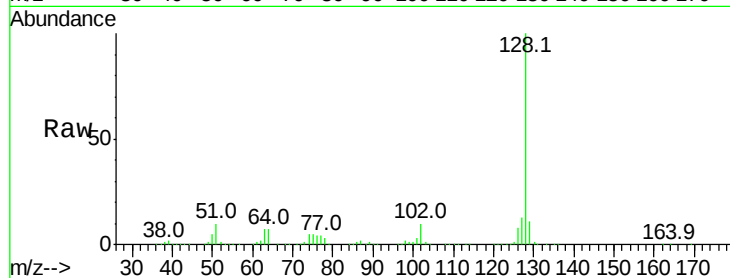
Tot Ion:128 Resp: 1190407

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

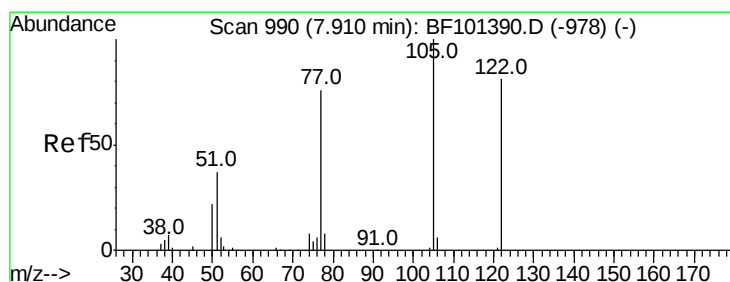
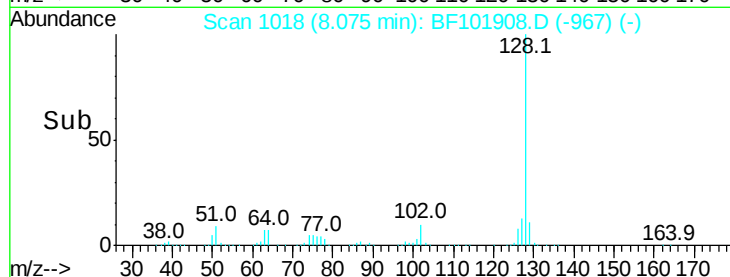
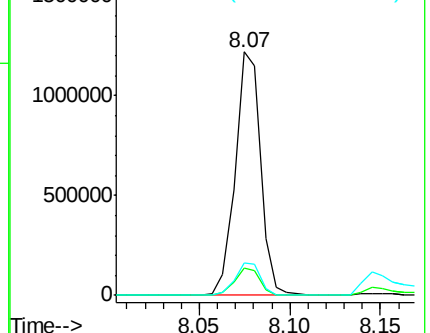
127 13.5 10.9 16.3



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: 64.953 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.17 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

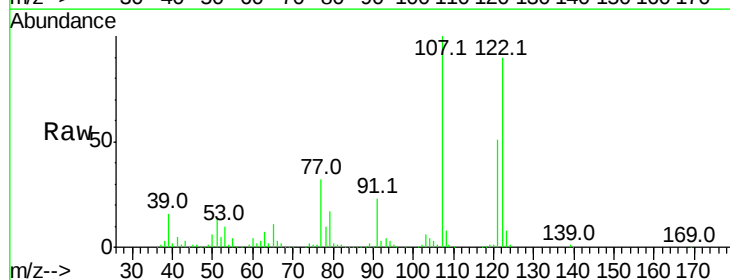
Tgt Ion:122 Resp: 403550

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

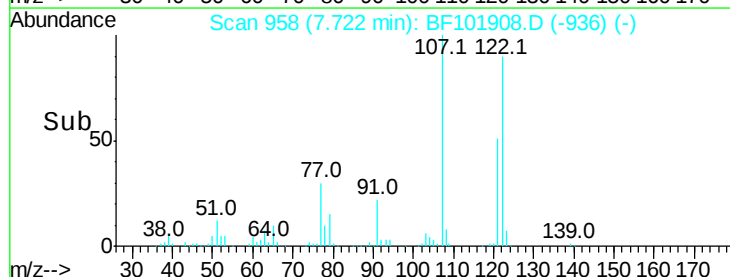
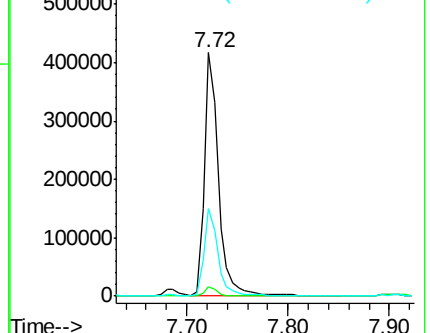
77 36.1 70.7 110.7#

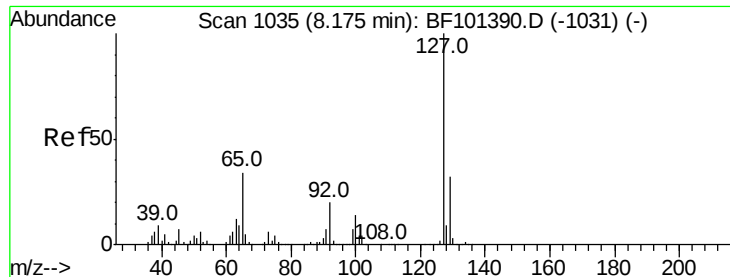


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

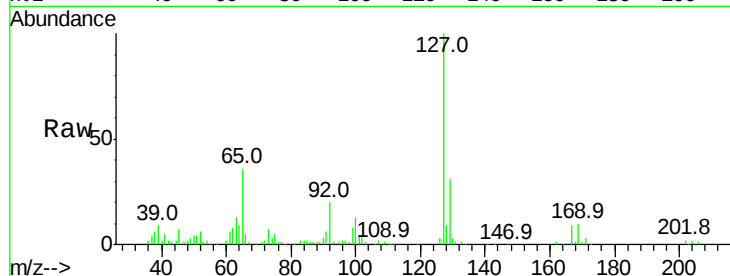




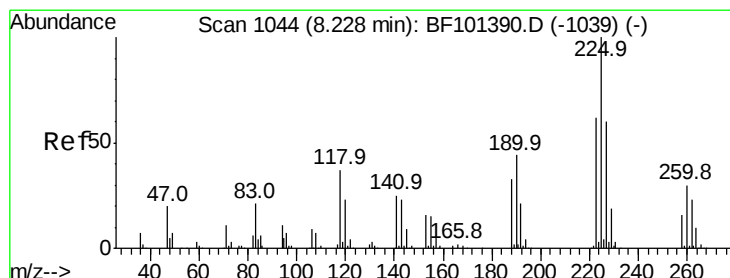
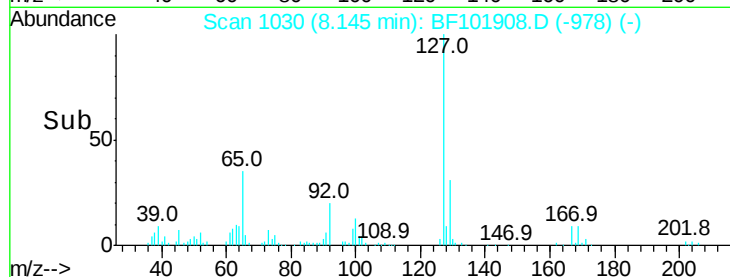
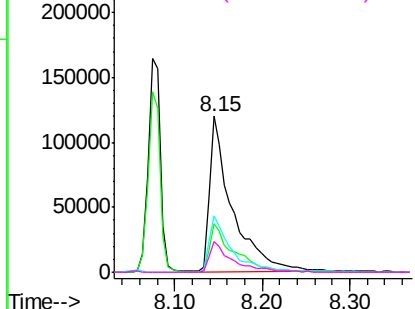
#33
4-Chloroaniline
Concen: 16.184 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	213921
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	35.8	25.0	37.4
92	20.0	15.2	22.8

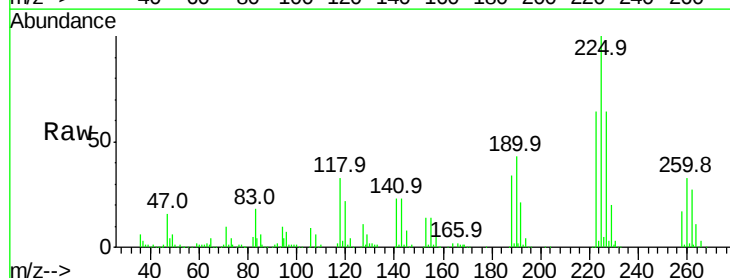


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

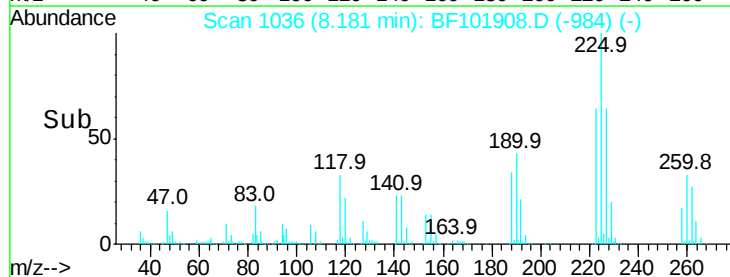
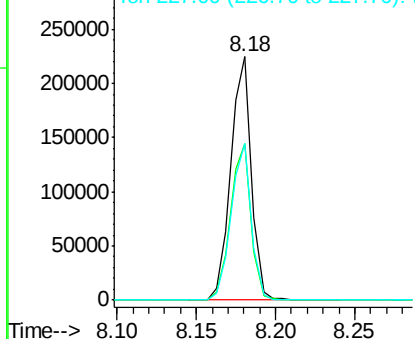


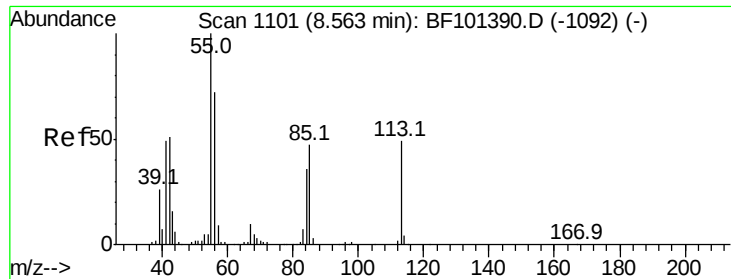
#34
Hexachlorobutadiene
Concen: 38.220 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:	225	Resp:	202022
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.4	51.9	77.9



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

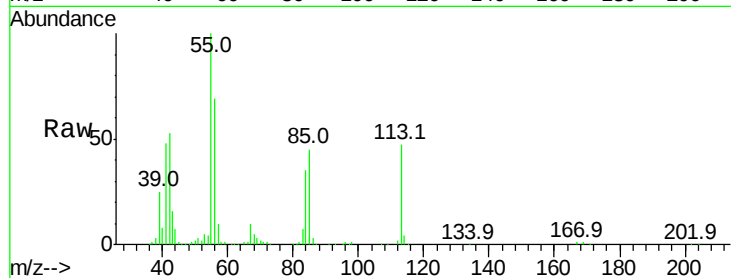




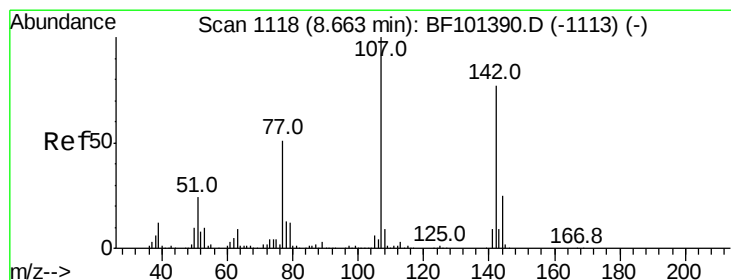
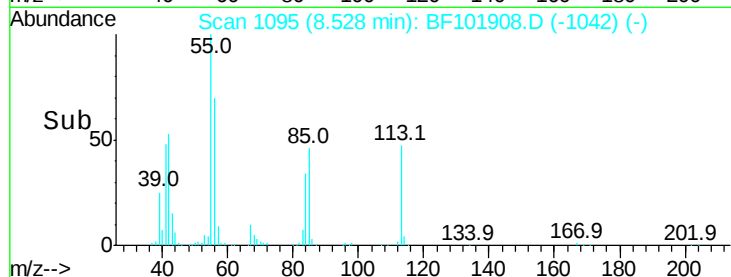
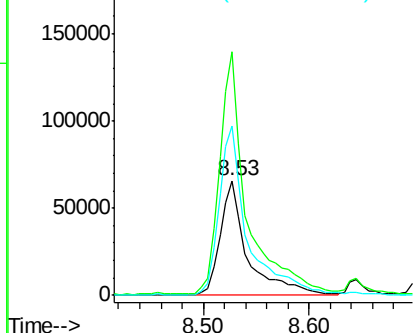
#35
Caprolactam
Concen: 39.762 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 119569
Ion Ratio Lower Upper
113 100
55 212.1 163.3 203.3#
56 147.2 115.7 155.7

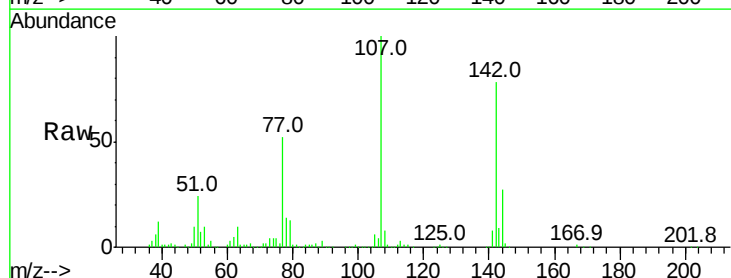


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

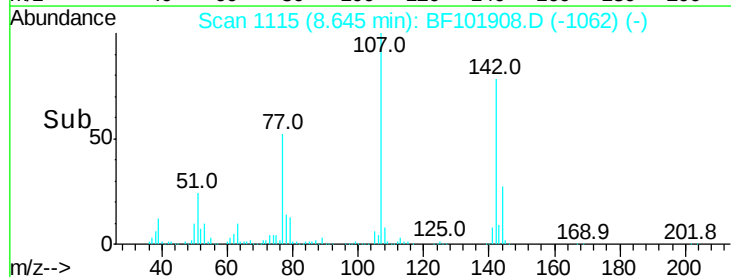
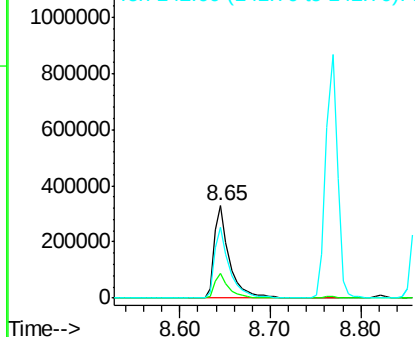


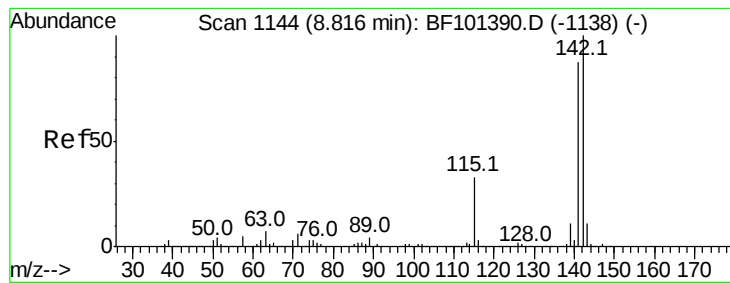
#36
4-Chloro-3-methylphenol
Concen: 40.408 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:107 Resp: 384622
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 77.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.539 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

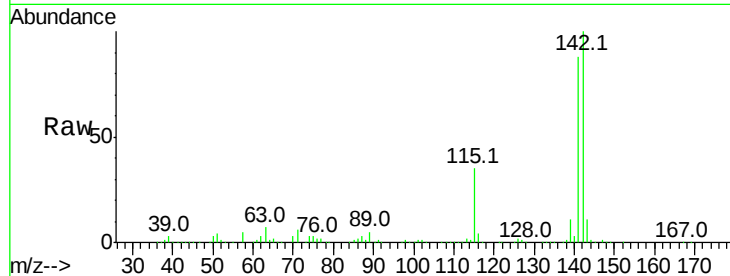
Tot Ion:142 Resp: 763595

Ion Ratio Lower Upper

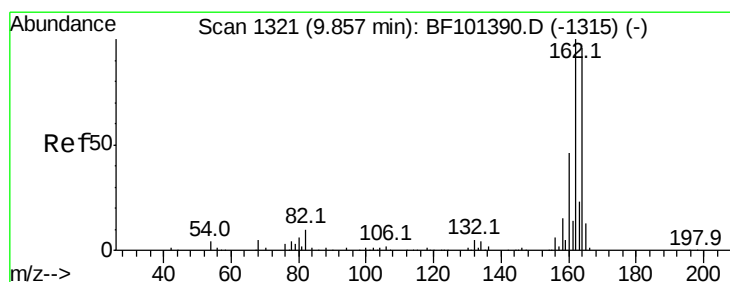
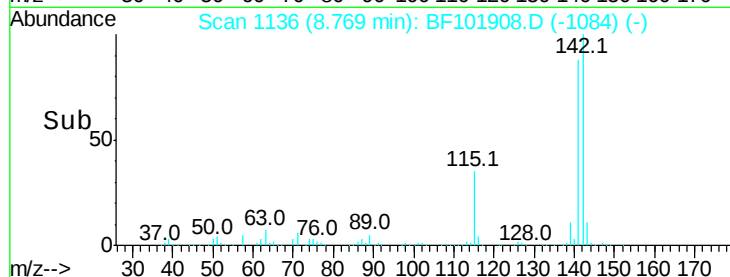
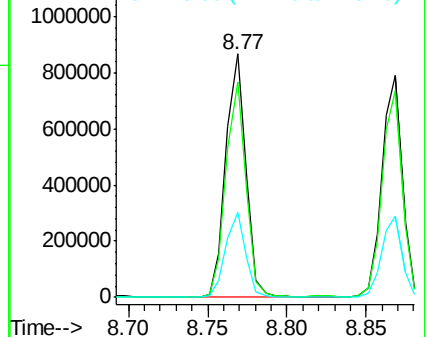
142 100

141 88.4 70.8 106.2

115 34.7 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

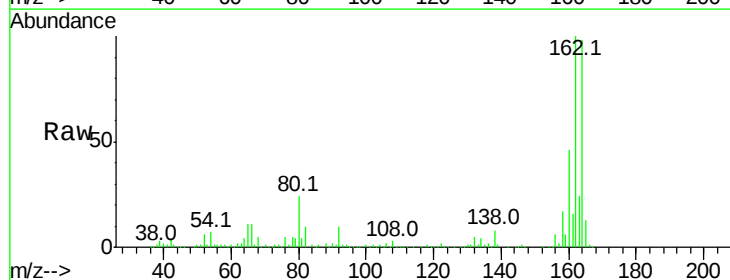
Tgt Ion:164 Resp: 229803

Ion Ratio Lower Upper

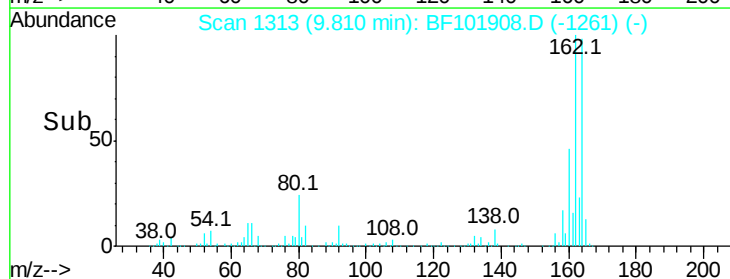
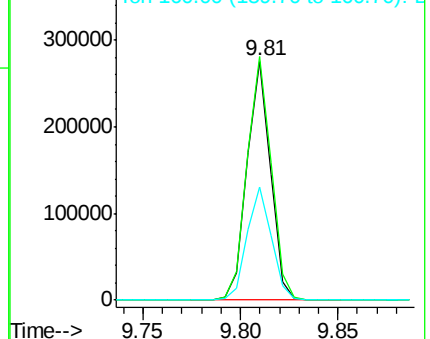
164 100

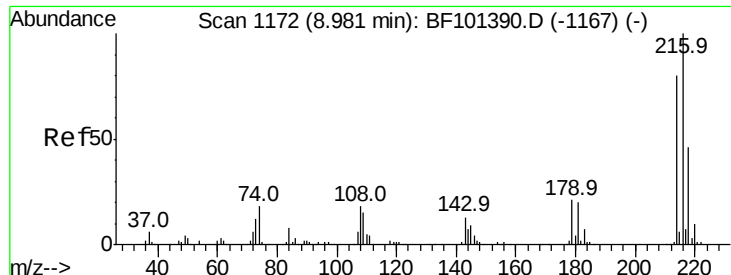
162 101.8 86.1 129.1

160 47.0 38.3 57.5



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

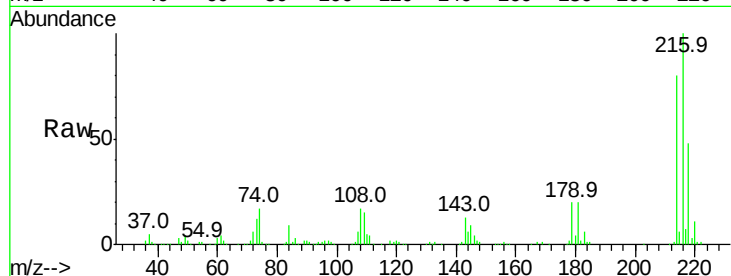




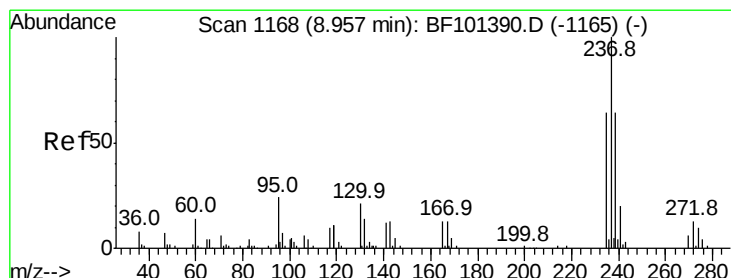
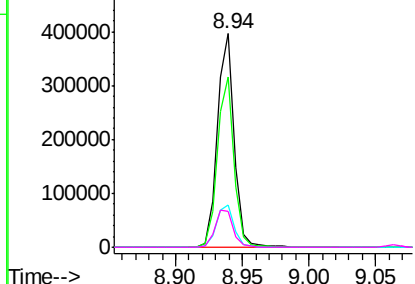
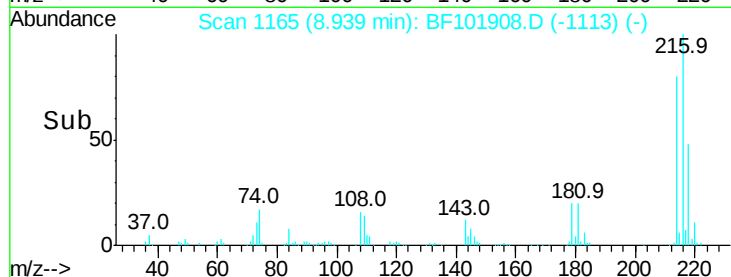
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.415 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	352363
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.9	18.1	27.1
108	18.8	17.2	25.8

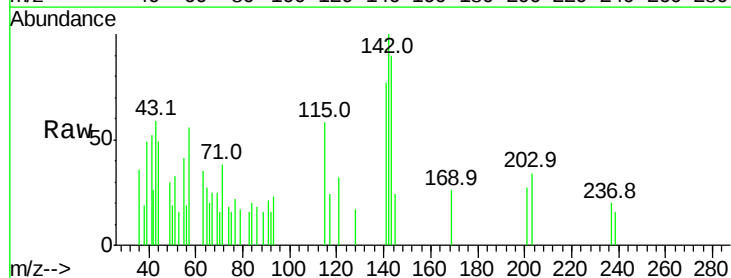


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

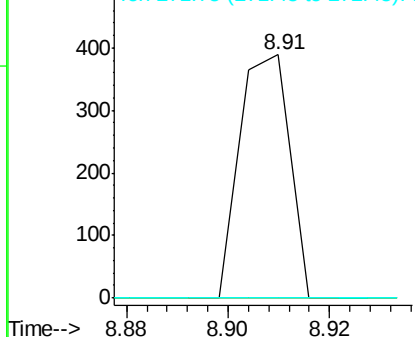
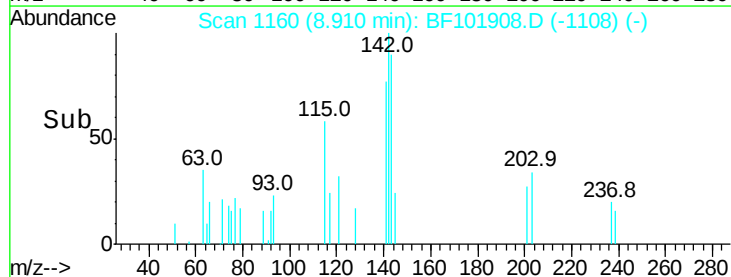


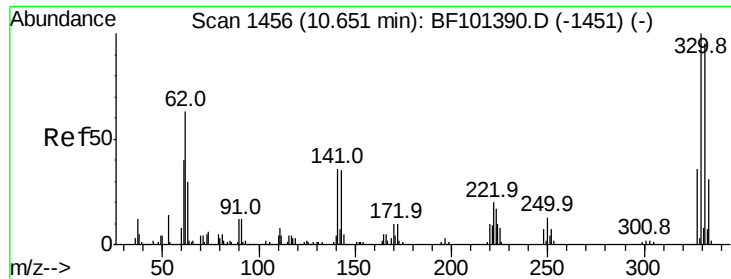
#40
 Hexachlorocyclopentadiene
 Concen: 11.533 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:	237	Resp:	266
Ion	Ratio	Lower	Upper
237	100		
235	0.0	44.8	84.8#
272	0.0	0.0	33.3



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

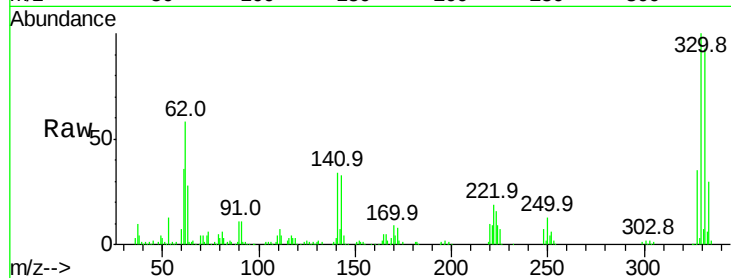




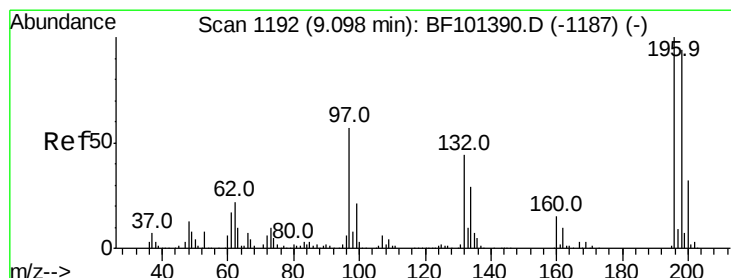
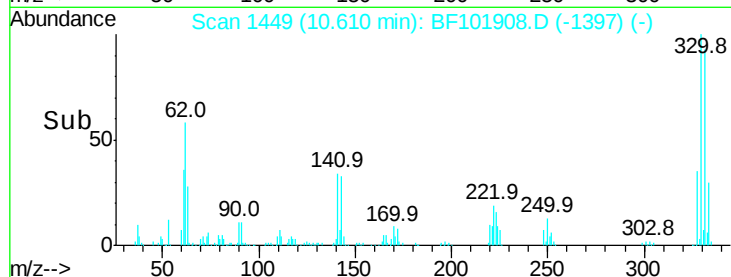
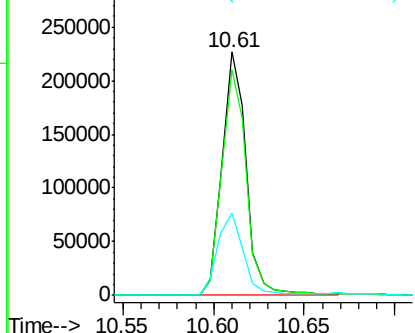
#41
 2,4,6-Tribromophenol
 Concen: 94.803 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 209925
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.6 29.9 44.9

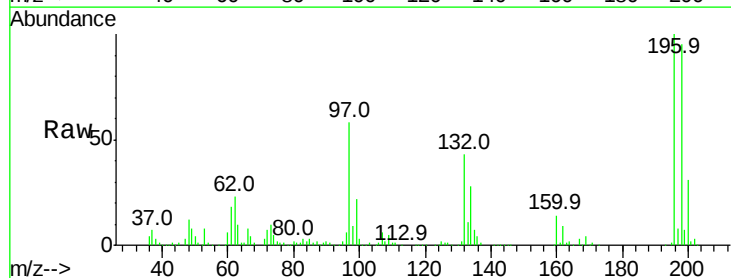


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

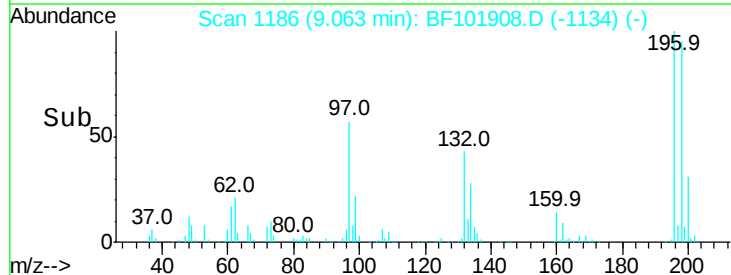
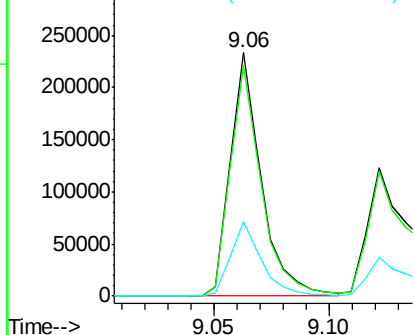


#42
 2,4,6-Trichlorophenol
 Concen: 46.619 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:196 Resp: 217754
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.8 24.5 36.7



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

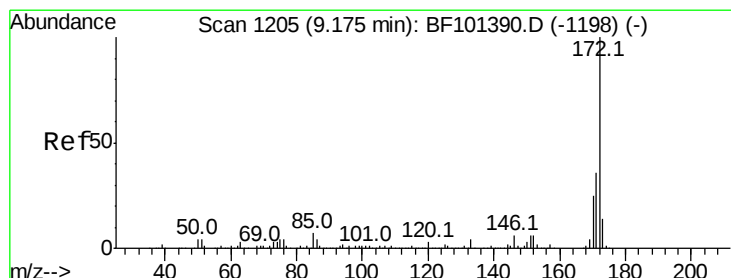
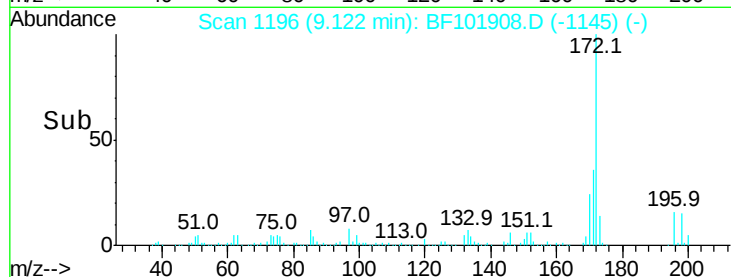
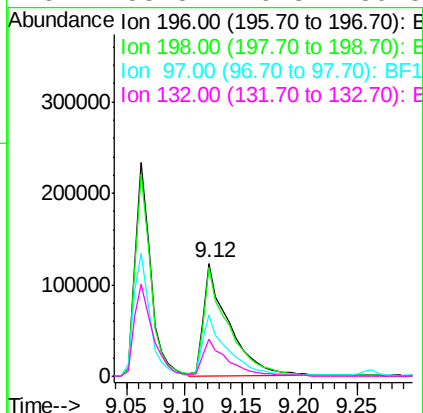
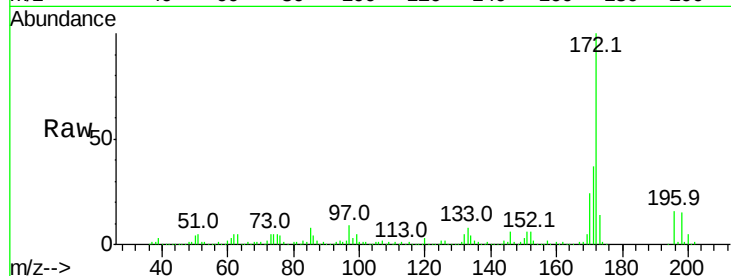




#43
 2,4,5-Trichlorophenol
 Concen: 37.159 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

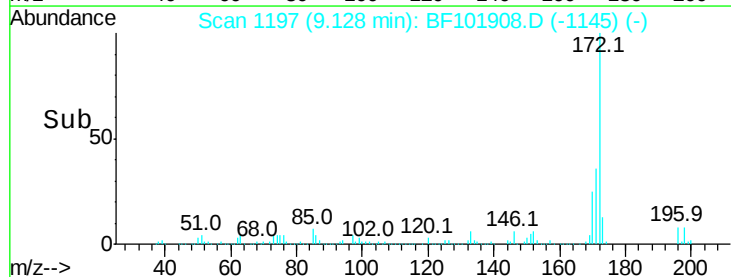
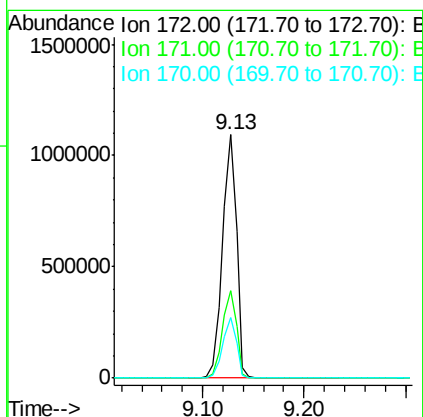
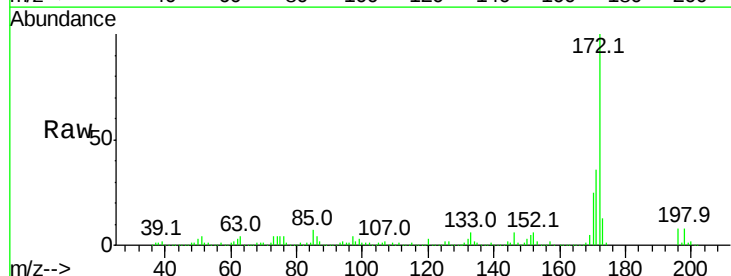
Instrument :
 BNA_F
 ClientSampleId :

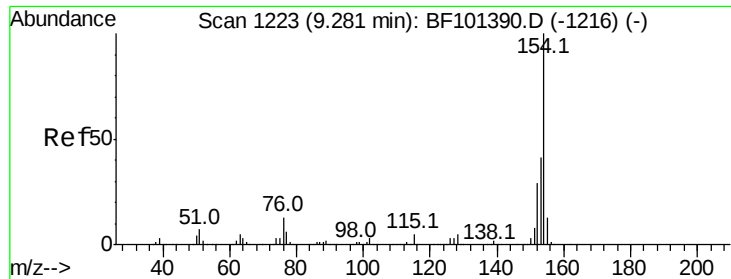
Tot Ion:	196	Resp:	190045
Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.6	112.0
97	54.1	42.9	64.3
132	33.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 70.876 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:	172	Resp:	1049973
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.7	19.6	29.4

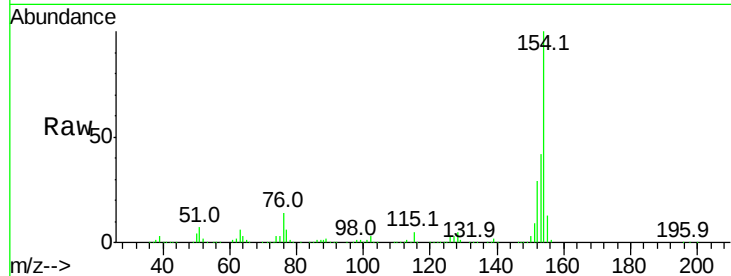




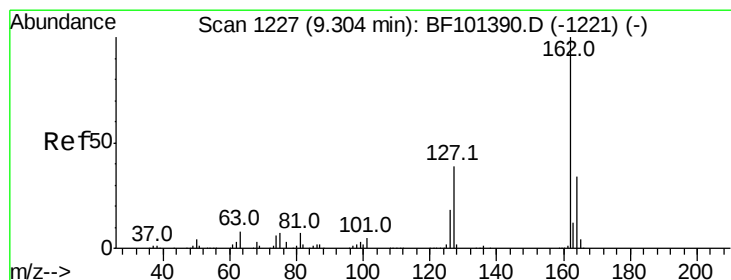
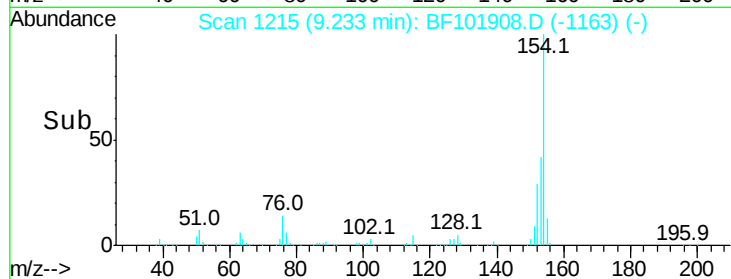
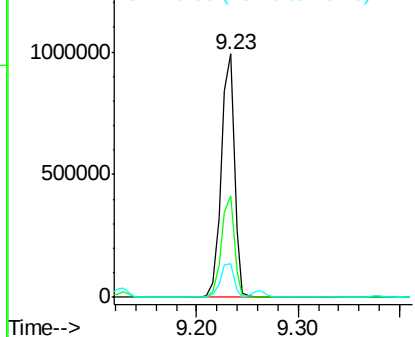
#45
 1,1'-Biphenyl
 Concen: 43.988 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	13.8	0.0	34.0

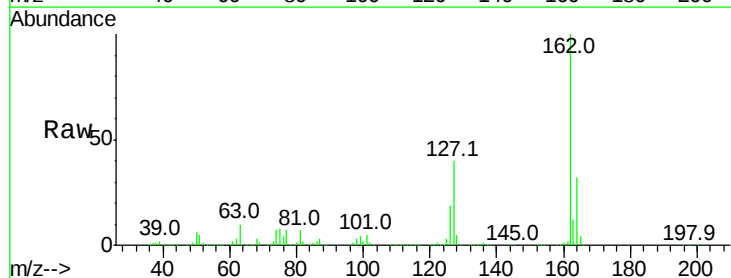


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

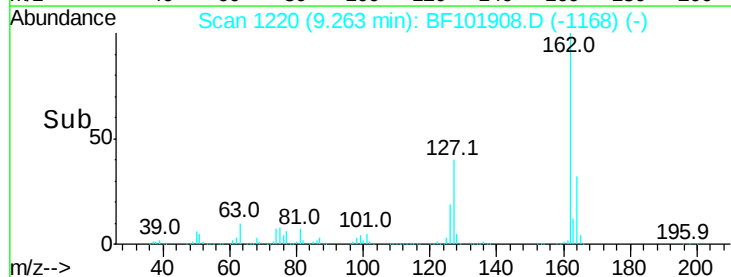
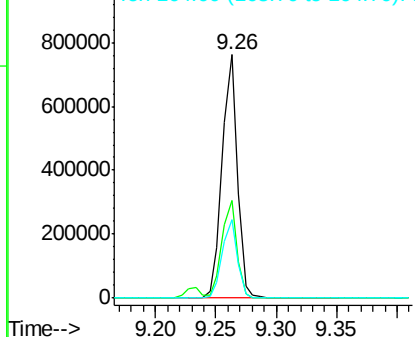


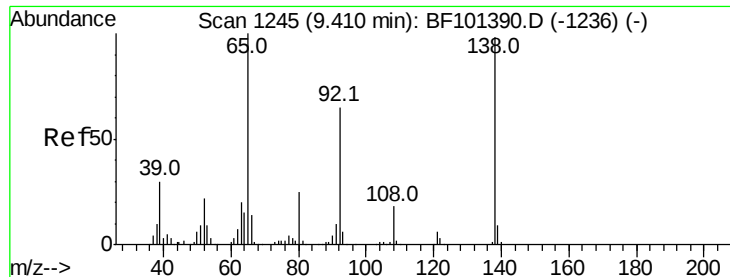
#46
 2-Chloronaphthalene
 Concen: 42.476 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	32.5	26.5	39.7



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





#47

2-Nitroaniline

Concen: 48.893 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

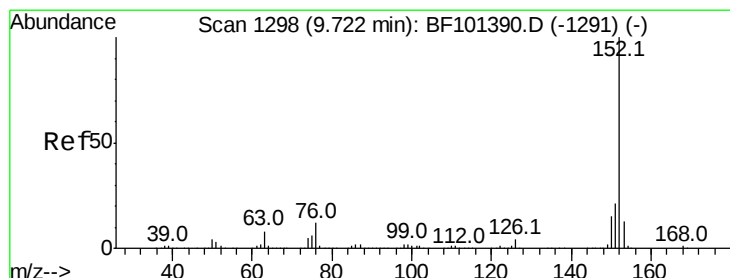
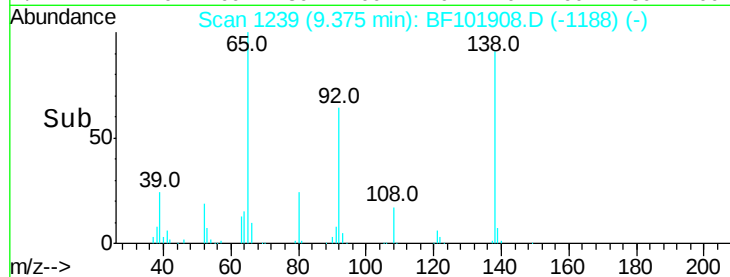
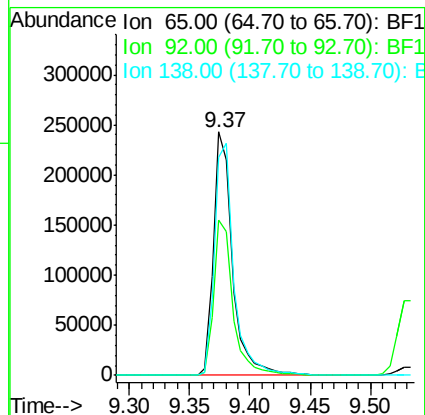
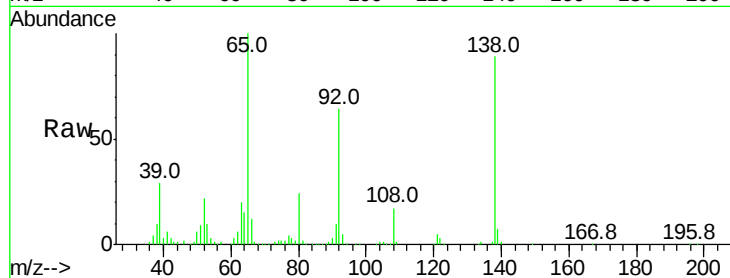
Tot Ion: 65 Resp: 263387

Ion Ratio Lower Upper

65 100

92 63.6 55.8 83.6

138 89.5 91.2 136.8#



#48

Acenaphthylene

Concen: 38.716 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

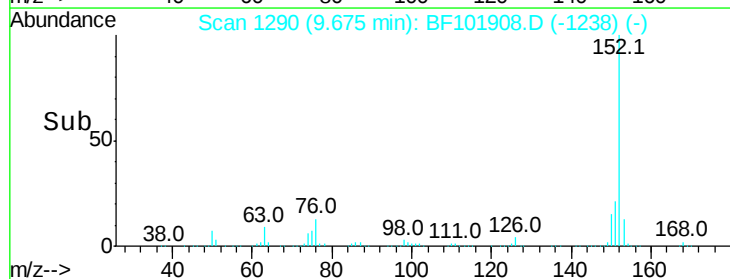
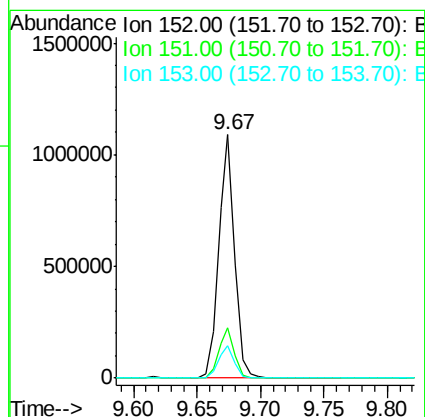
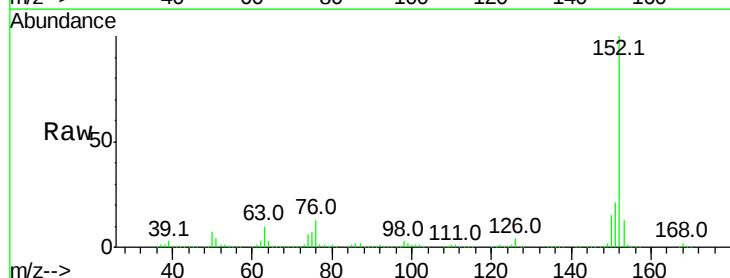
Tgt Ion: 152 Resp: 953575

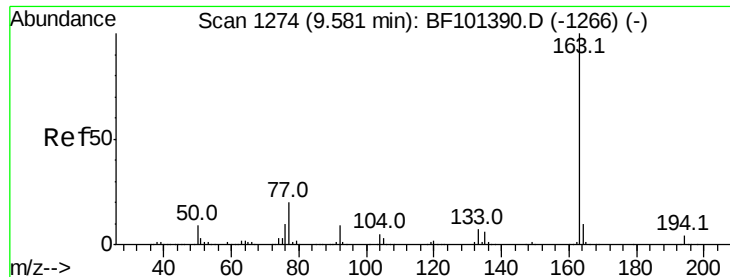
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.2 10.7 16.1

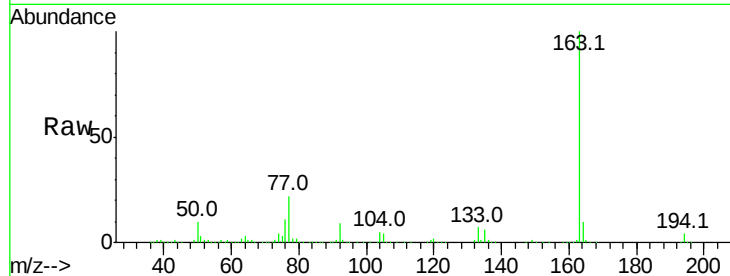




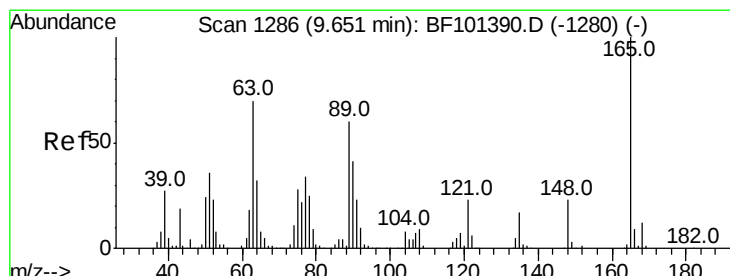
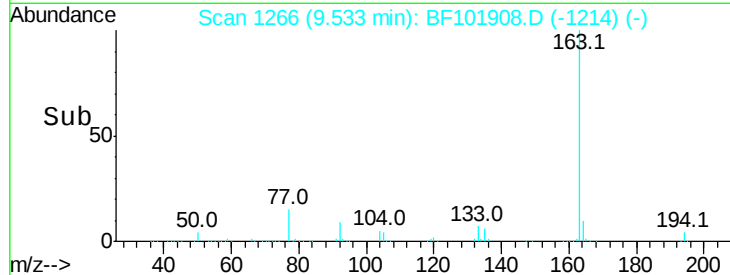
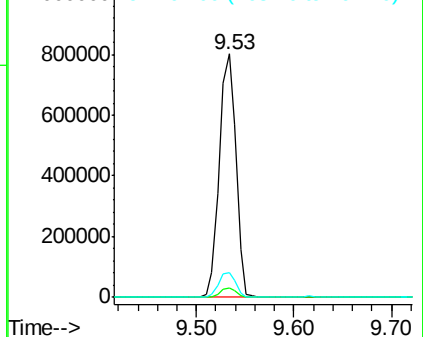
#49
Dimethylphthalate
Concen: 51.469 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 951380
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

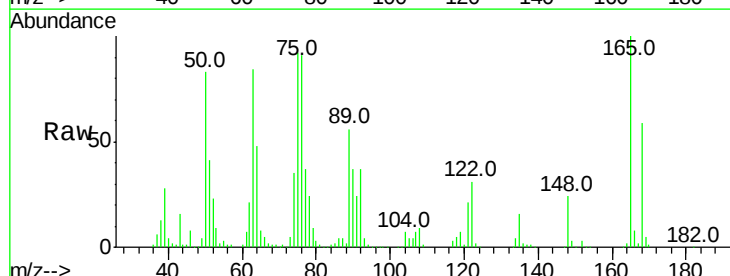


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

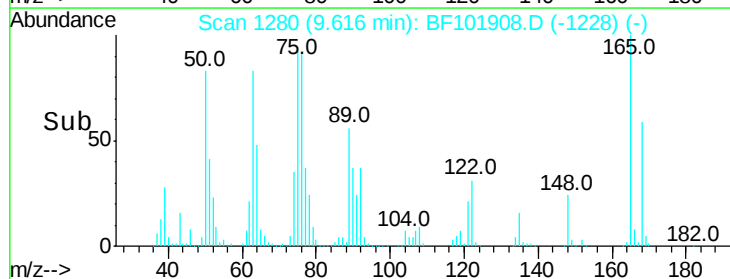
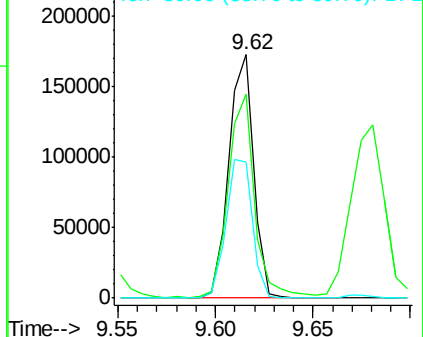


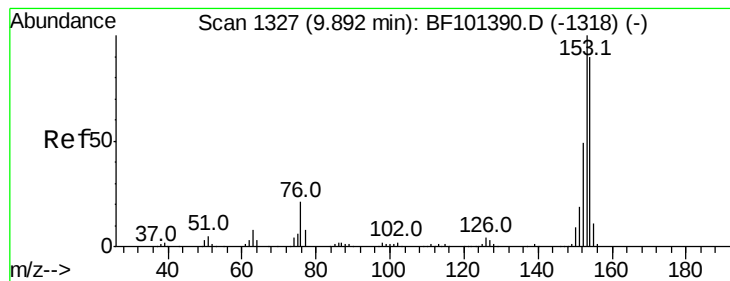
#50
2,6-Dinitrotoluene
Concen: 40.342 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:165 Resp: 151557
Ion Ratio Lower Upper
165 100
63 83.6 44.7 67.1#
89 56.0 44.0 66.0



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





#51

Acenaphthene

Concen: 38.091 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

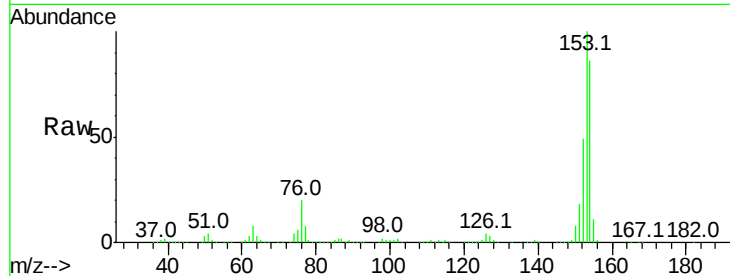
Tot Ion:154 Resp: 563663

Ion Ratio Lower Upper

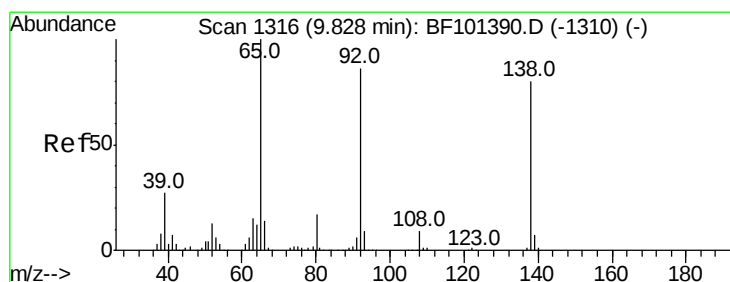
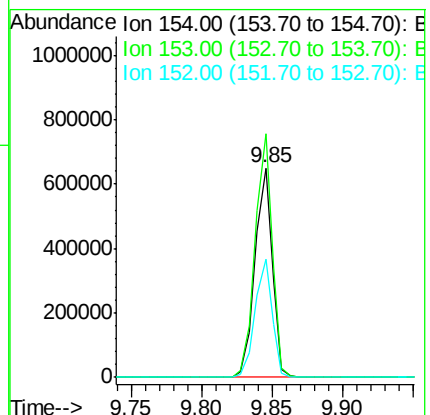
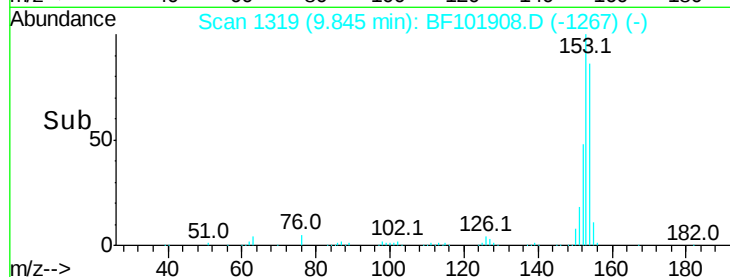
154 100

153 116.3 91.2 136.8

152 56.4 43.8 65.8



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



#52

3-Nitroaniline

Concen: 33.396 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

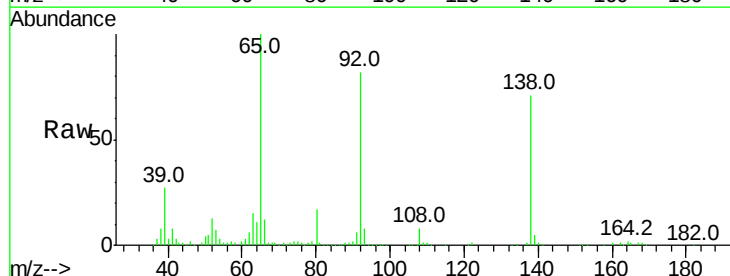
Tgt Ion:138 Resp: 156421

Ion Ratio Lower Upper

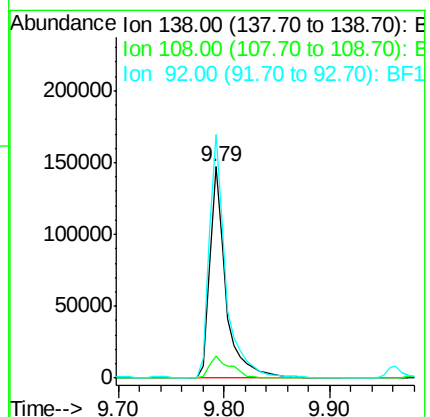
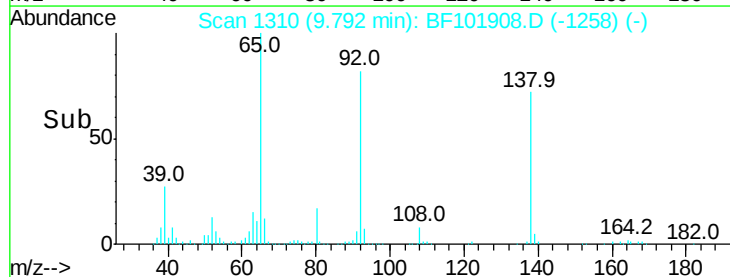
138 100

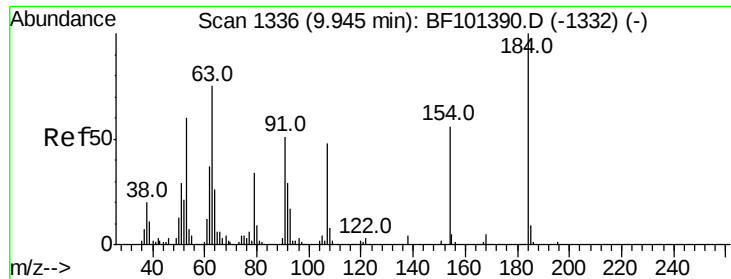
108 10.5 9.4 14.0

92 115.2 89.4 134.2



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

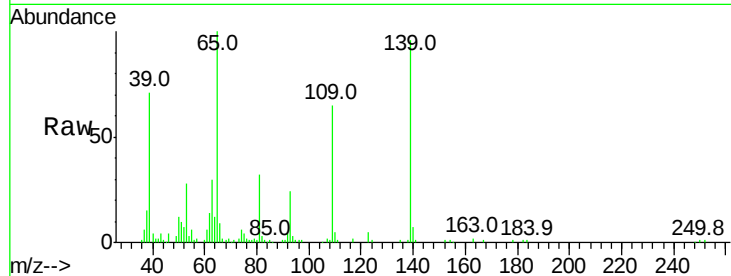




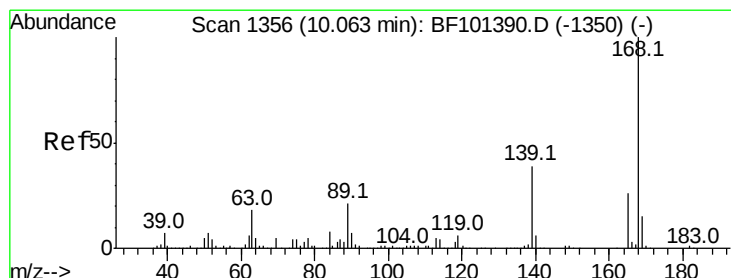
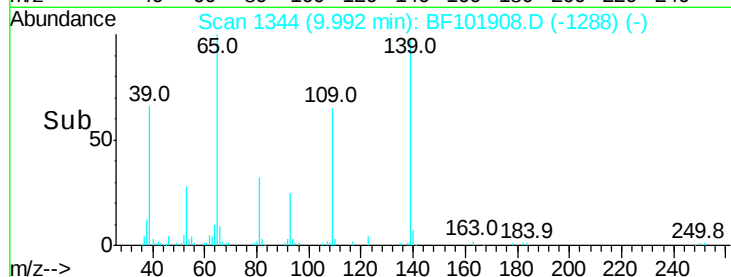
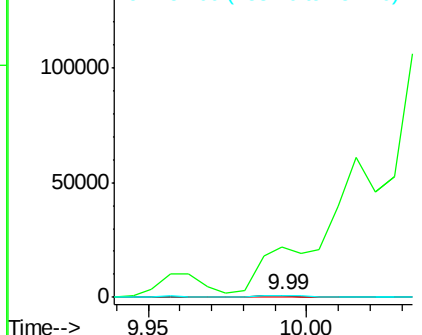
#53
 2,4-Dinitrophenol
 Concen: 11.024 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.03 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 1057
 Ion Ratio Lower Upper
 184 100
 63 2217.8 54.2 81.2#
 154 61.4 184.0 276.0#

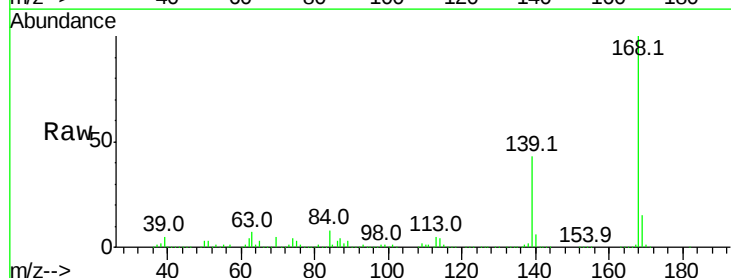


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

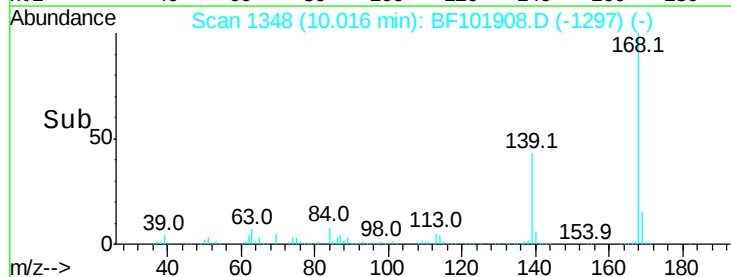
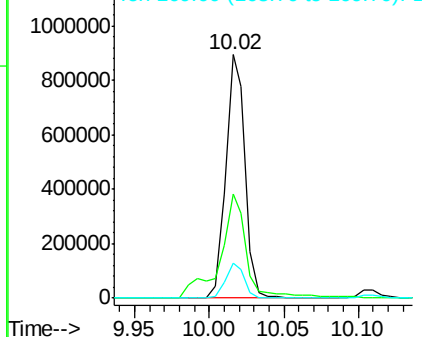


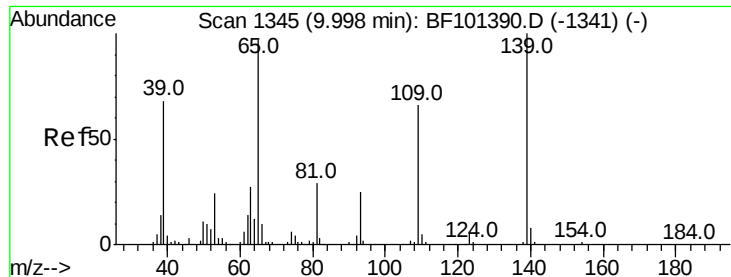
#54
 Dibenzofuran
 Concen: 43.408 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:168 Resp: 816316
 Ion Ratio Lower Upper
 168 100
 139 42.6 30.1 45.1
 169 14.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

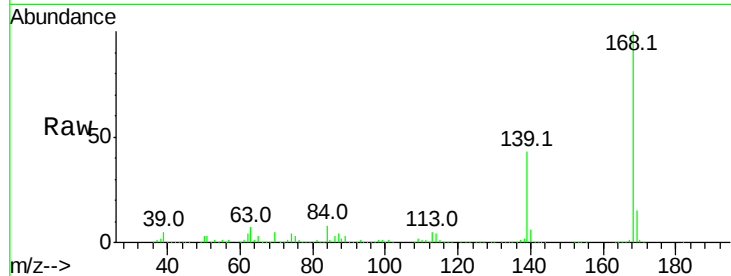




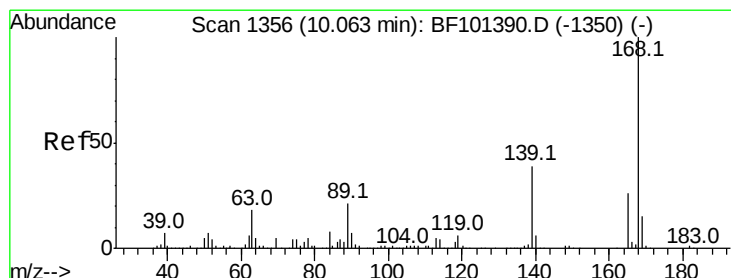
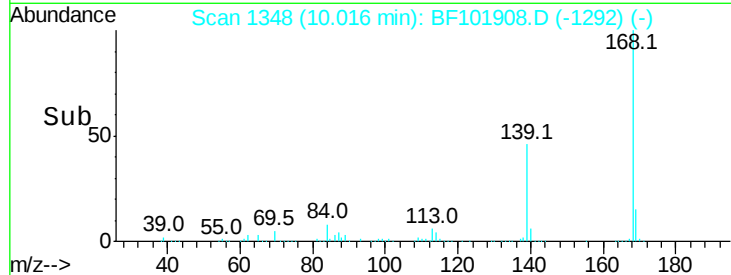
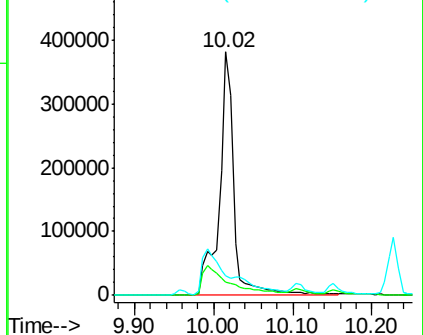
#55
4-Nitrophenol
Concen: 240.980 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.03 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 492169
Ion Ratio Lower Upper
139 100
109 5.4 48.4 88.4#
65 8.1 72.6 112.6#

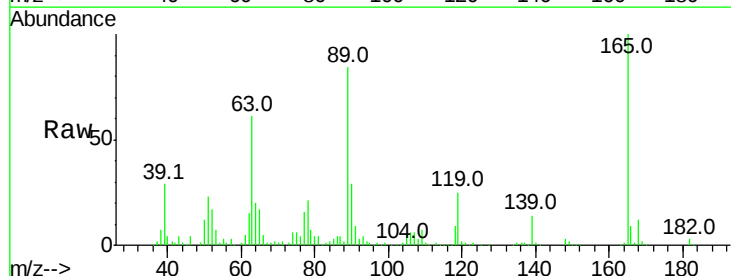


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

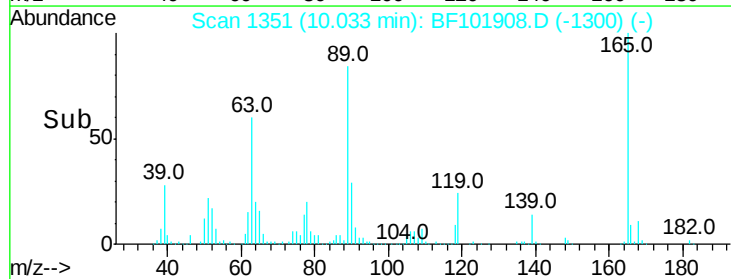
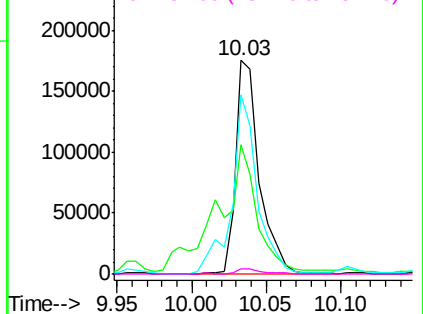


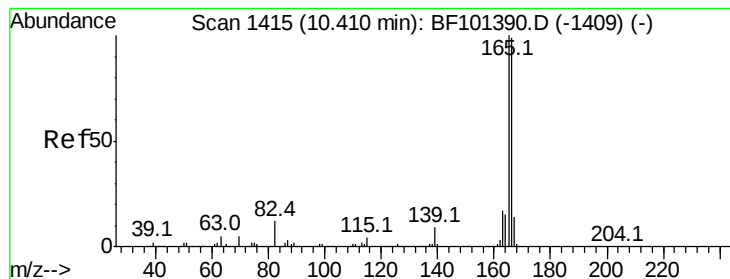
#56
2,4-Dinitrotoluene
Concen: 46.033 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:165 Resp: 194847
Ion Ratio Lower Upper
165 100
63 60.6 36.4 54.6#
89 84.1 57.8 86.6
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 39.345 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

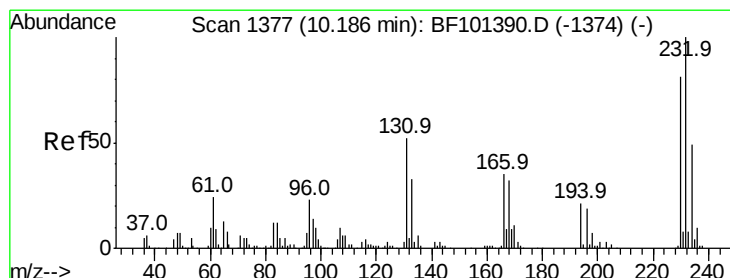
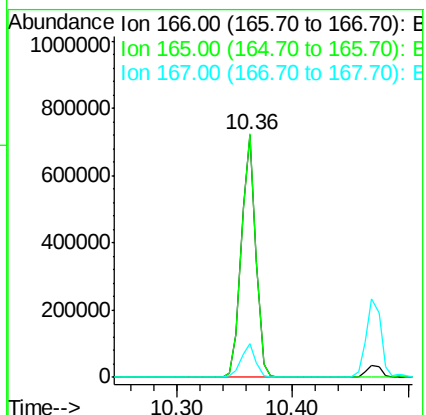
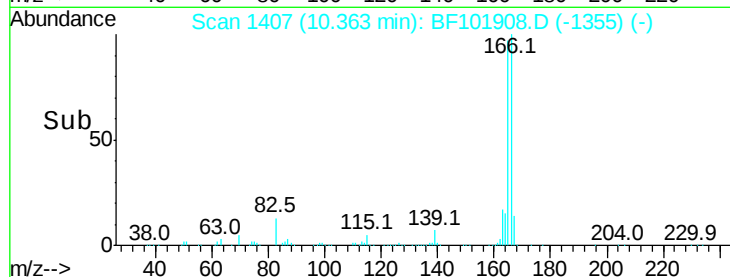
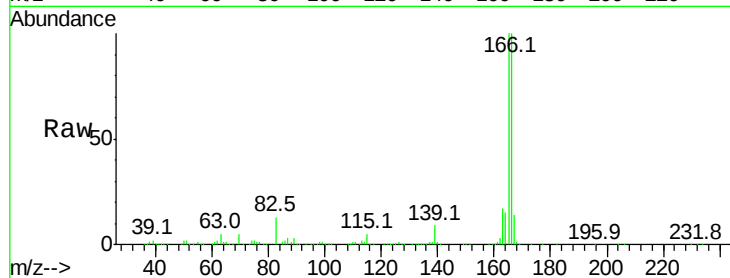
Tot Ion:166 Resp: 625920

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

167 13.8 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.368 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:232 Resp: 152005

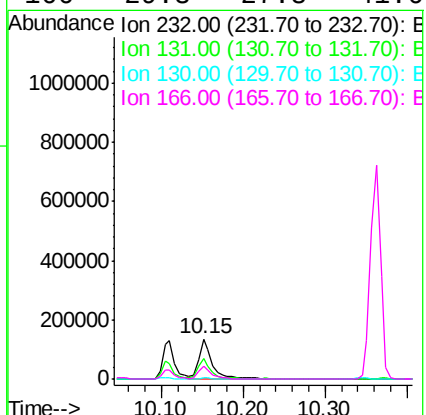
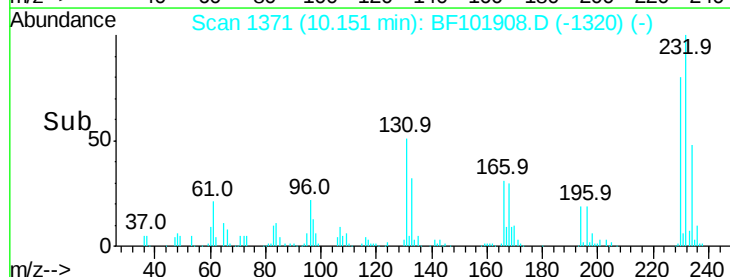
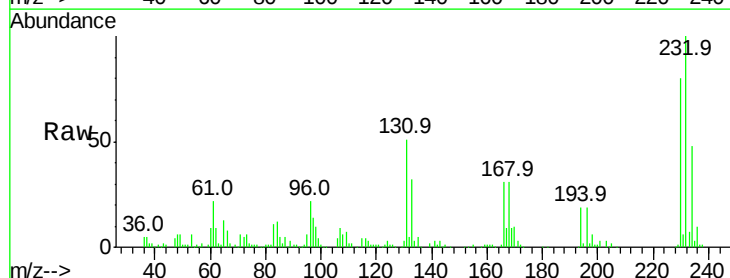
Ion Ratio Lower Upper

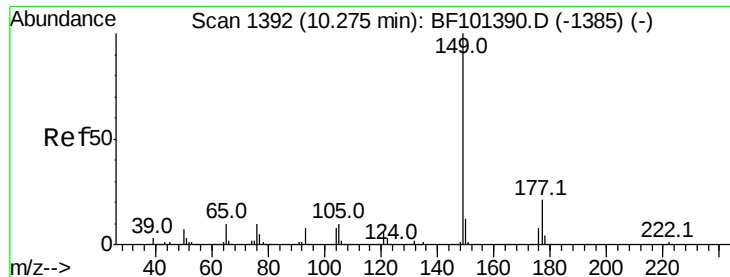
232 100

131 47.5 43.8 65.8

130 2.5 2.1 3.1

166 29.3 27.8 41.6

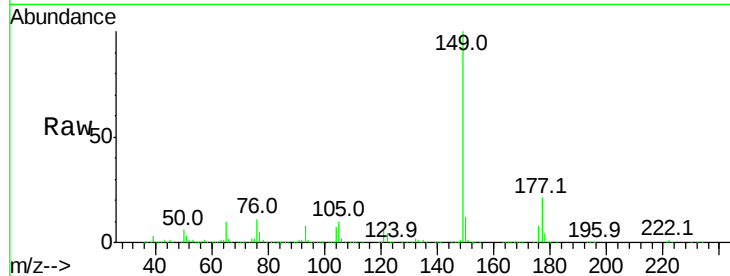




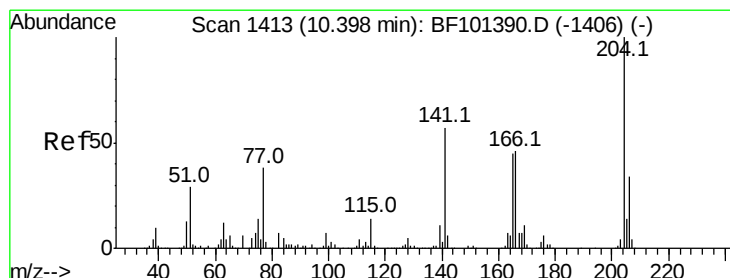
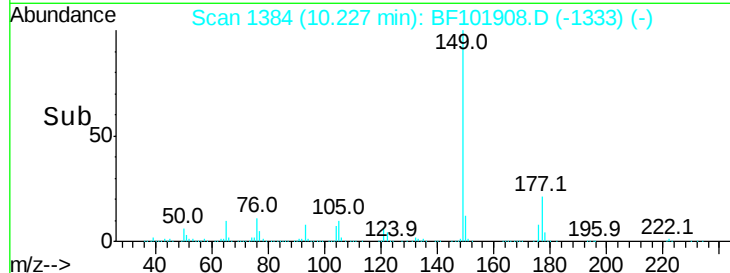
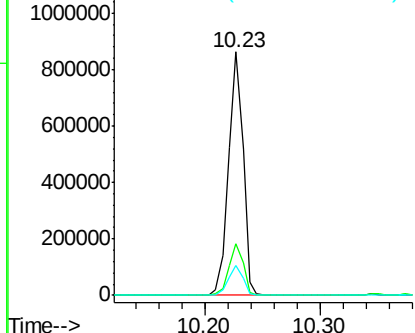
#59
Diethylphthalate
Concen: 41.064 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 751677
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.3 10.1 15.1

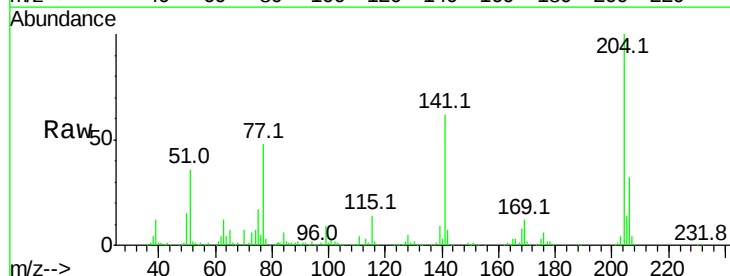


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

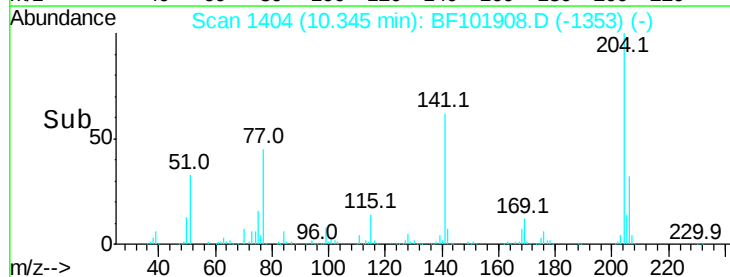
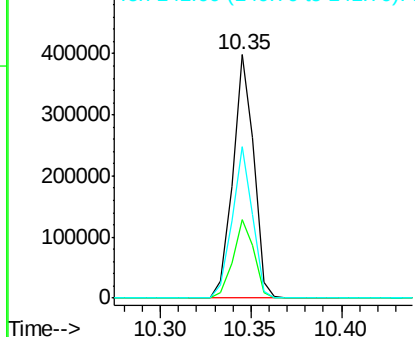


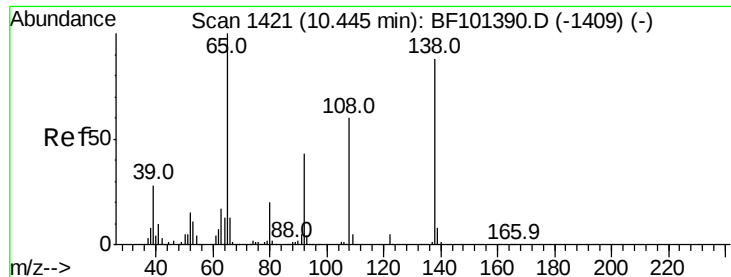
#60
4-Chlorophenyl-phenylether
Concen: 41.822 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:204 Resp: 318866
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 62.1 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.013 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampled :

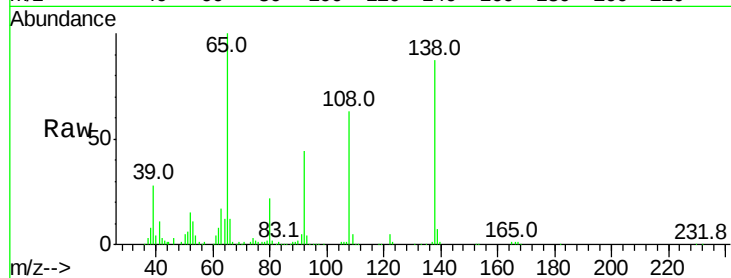
Tot Ion:138 Resp: 150719

Ion Ratio Lower Upper

138 100

92 50.1 30.2 70.2

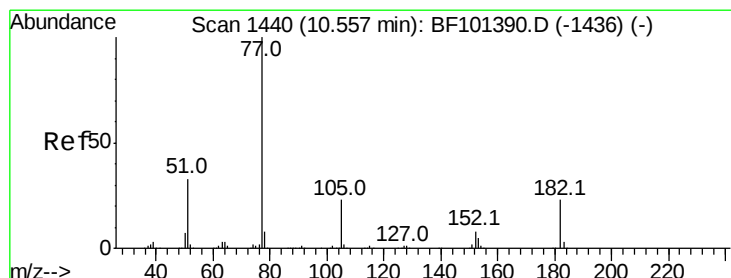
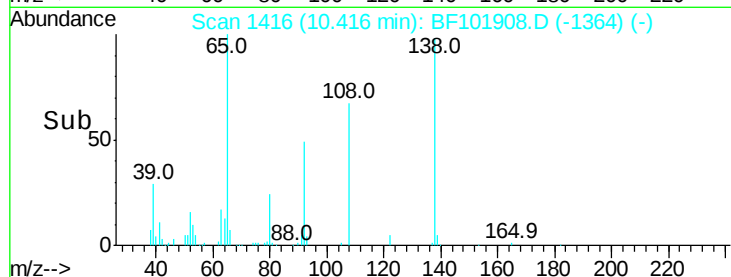
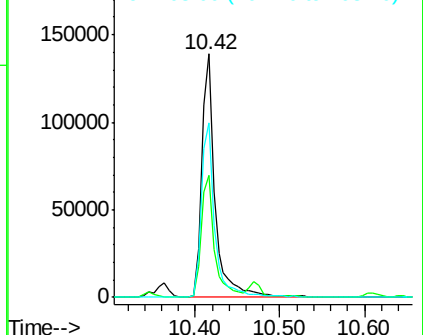
108 71.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.942 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion: 77 Resp: 738428

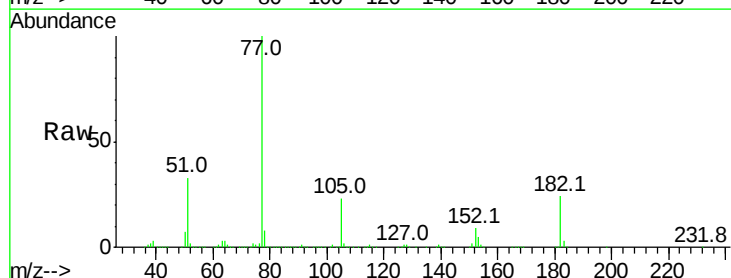
Ion Ratio Lower Upper

77 100

182 23.6 1.7 41.7

105 23.2 3.0 43.0

51 32.7 9.9 49.9

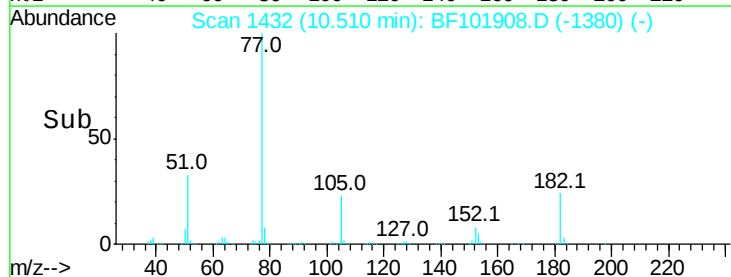
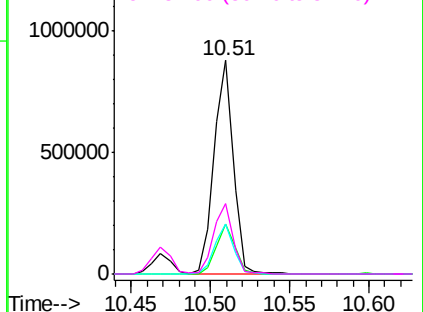


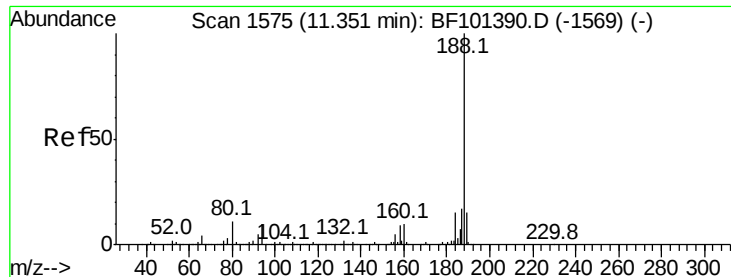
Abundance Ion 77.00 (76.70 to 77.70): BF1

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

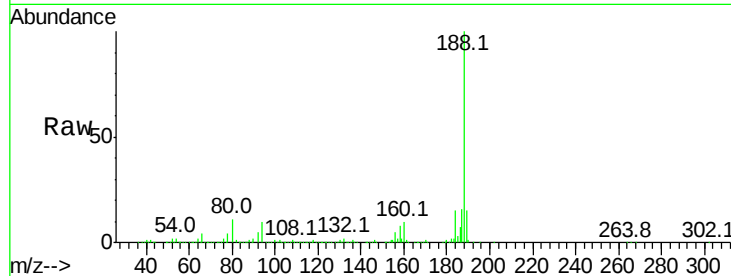
Tot Ion:188 Resp: 340951

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

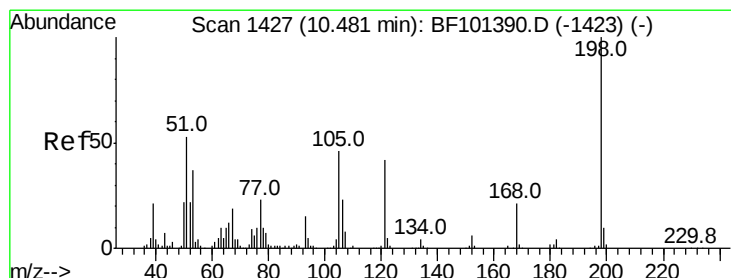
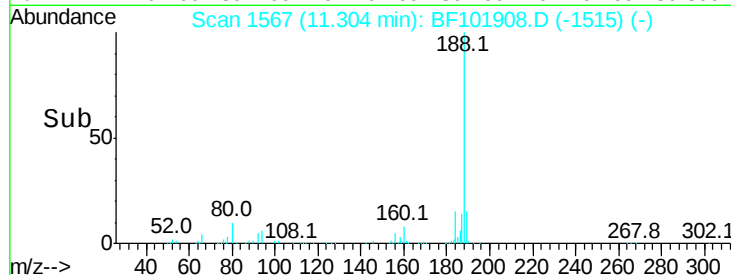
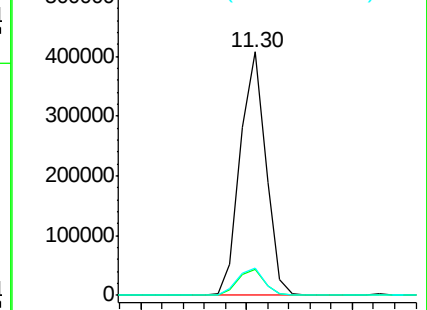
80 11.0 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.277 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.03 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

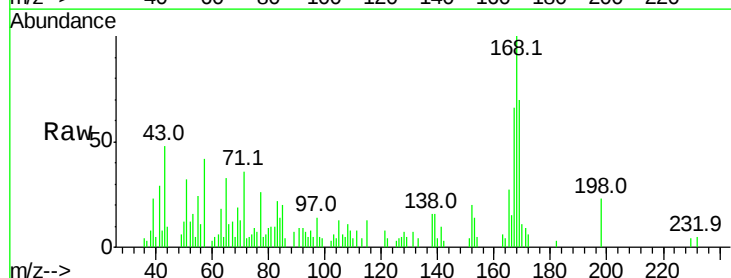
Tgt Ion:198 Resp: 3961

Ion Ratio Lower Upper

198 100

51 139.8 37.7 77.7#

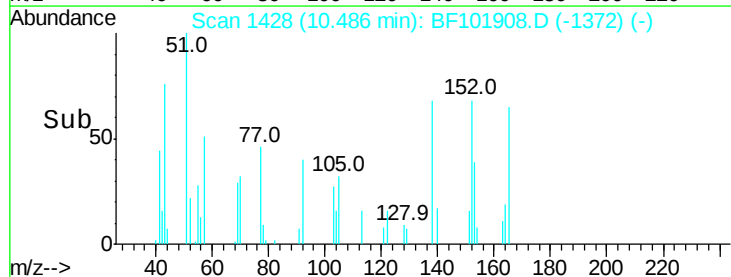
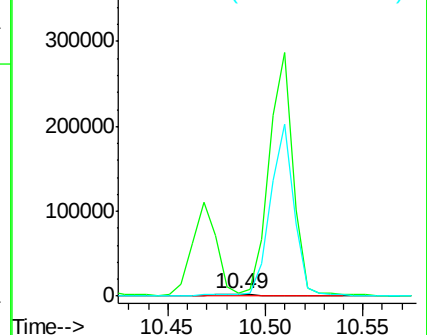
105 55.9 36.3 76.3

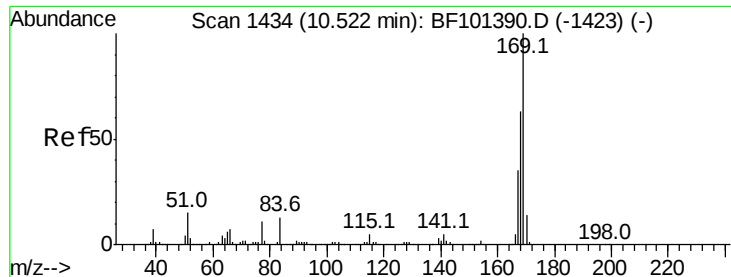


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

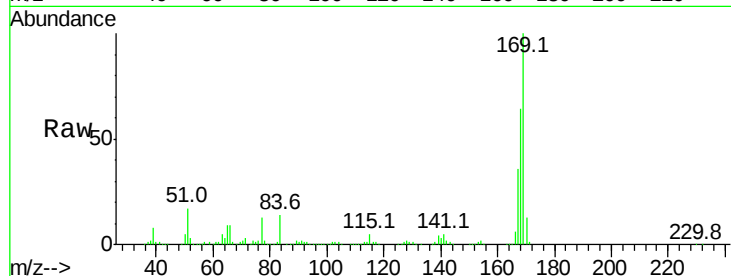




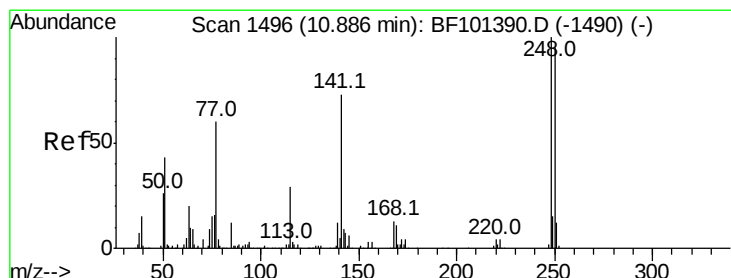
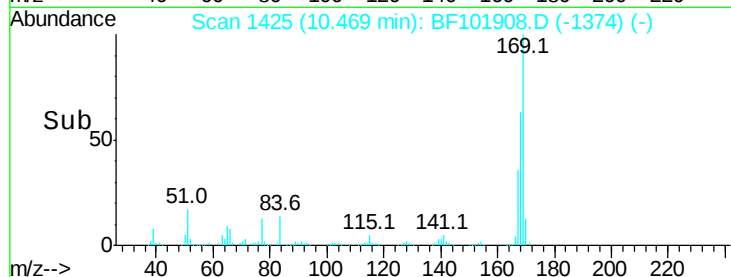
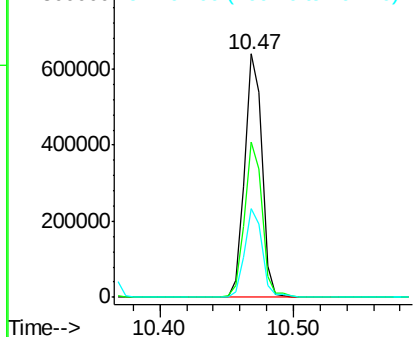
#65
 n-Nitrosodiphenylamine
 Concen: 45.447 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 572150
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 36.3 29.8 44.6

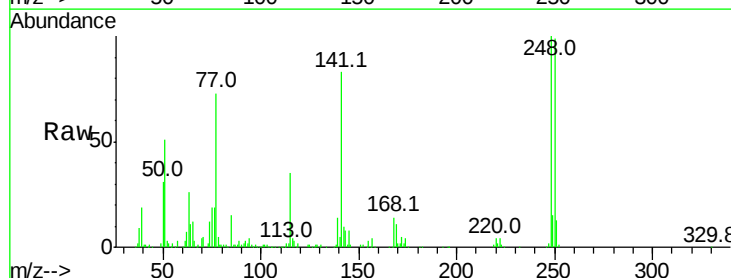


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

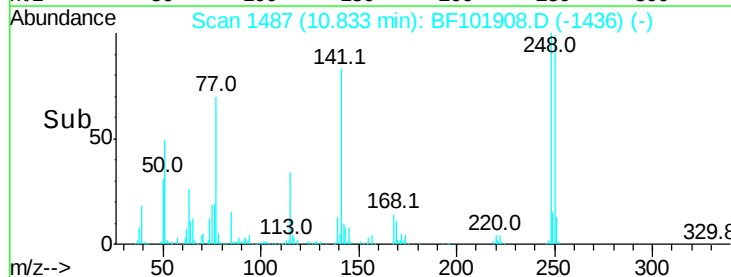
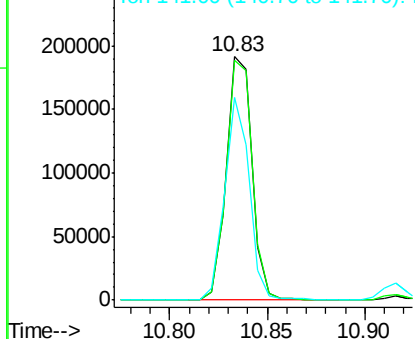


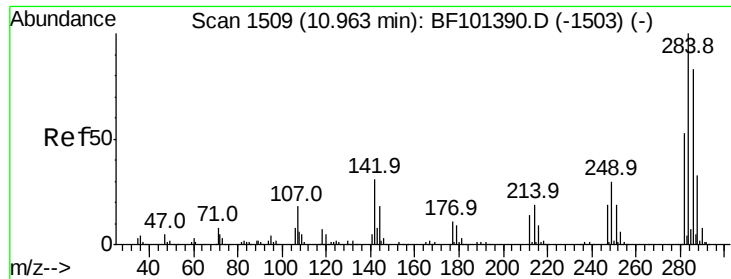
#66
 4-Bromophenyl-phenylether
 Concen: 45.766 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:248 Resp: 175329
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.9 115.3
 141 83.5 74.4 111.6



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

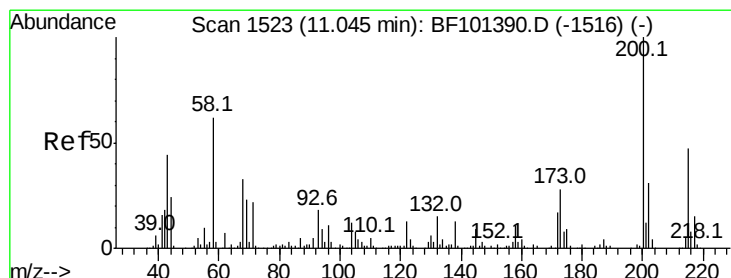
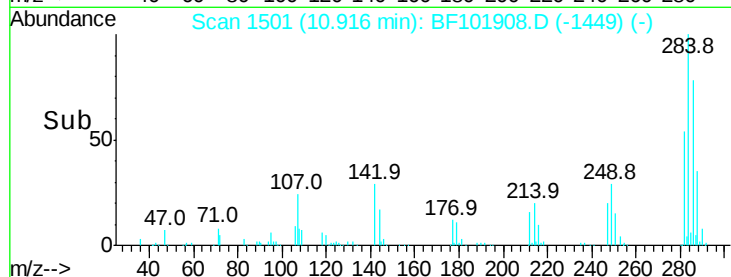
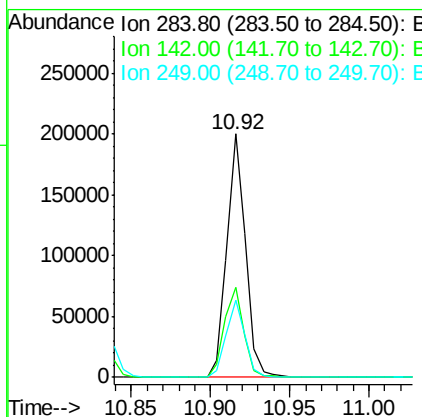
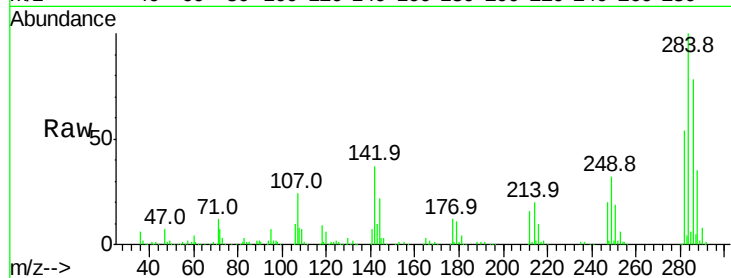




#67
Hexachlorobenzene
Concen: 40.219 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

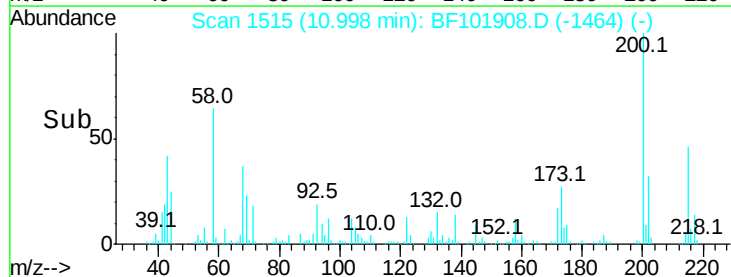
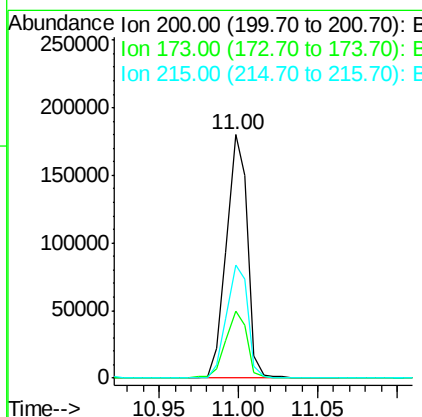
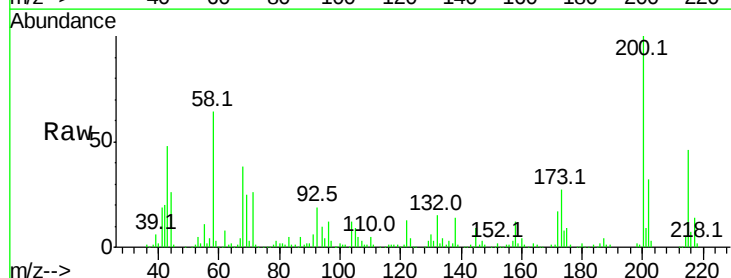
Instrument :
BNA_F
ClientSampled :

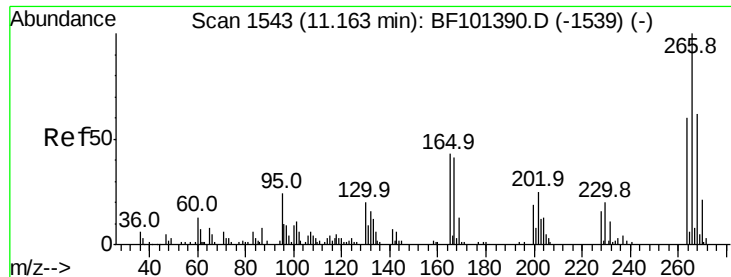
Tot Ion:284 Resp: 163072
Ion Ratio Lower Upper
284 100
142 36.8 34.6 52.0
249 31.6 24.8 37.2



#68
Atrazine
Concen: 44.045 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:200 Resp: 165340
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.3 25.1 65.1

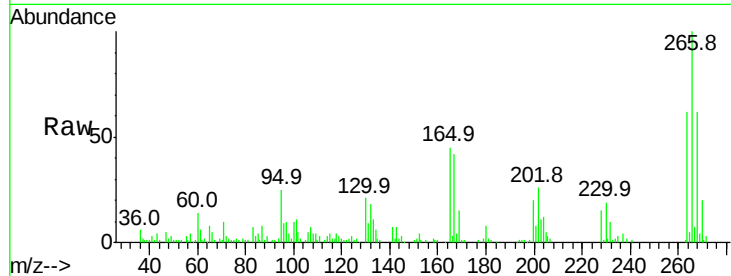




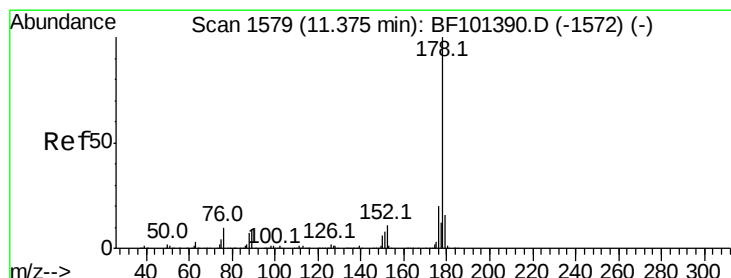
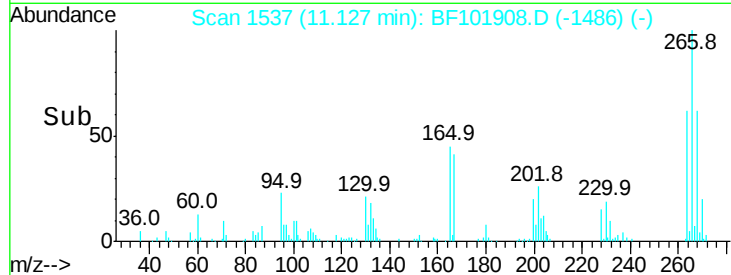
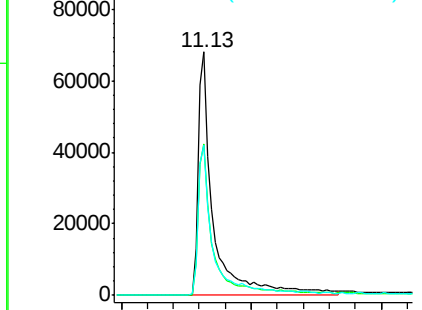
#69
 Pentachlorophenol
 Concen: 71.184 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 110998
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.5 49.5 74.3

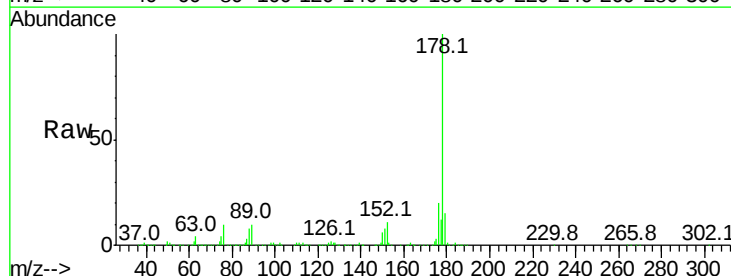


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

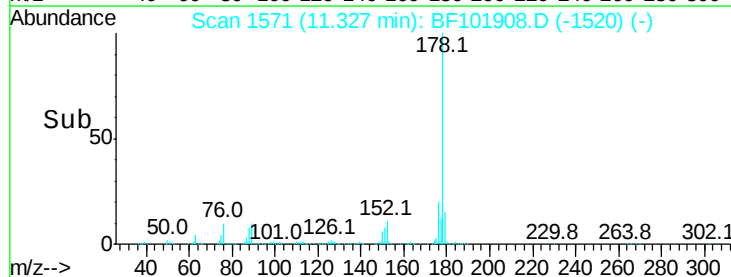
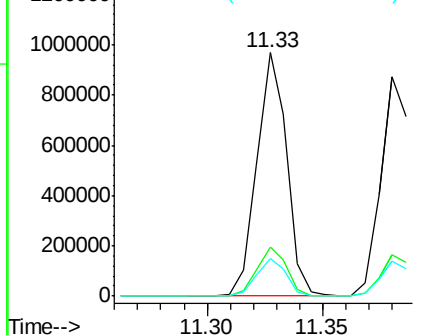


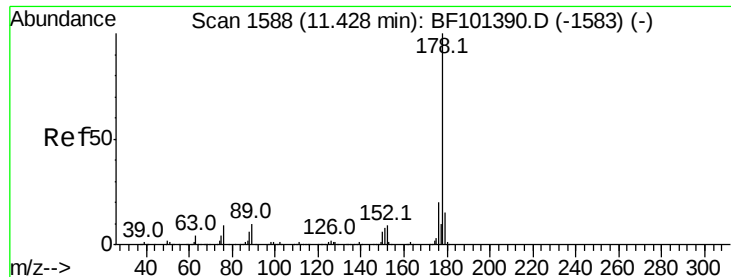
#70
 Phenanthrene
 Concen: 46.123 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:178 Resp: 874525
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.3 13.0 19.6



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

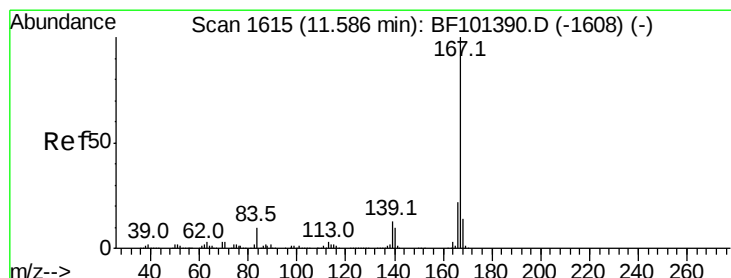
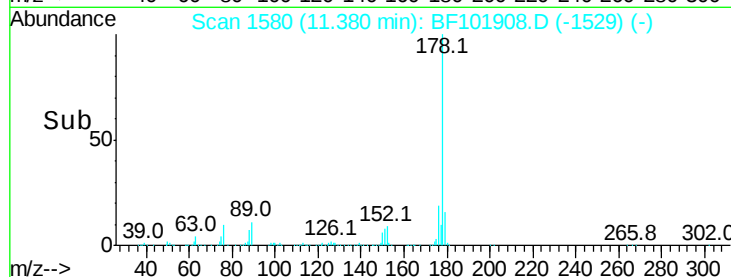
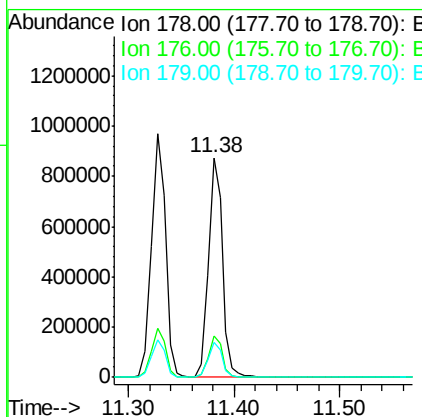
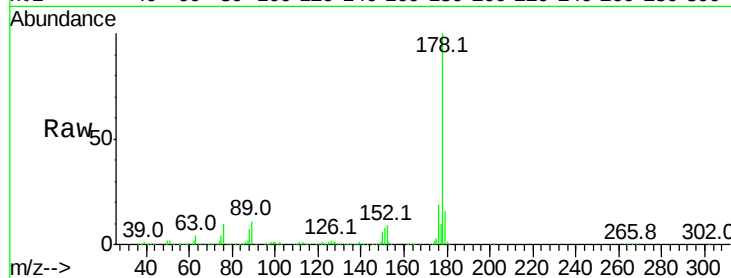




#71
 Anthracene
 Concen: 42.218 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

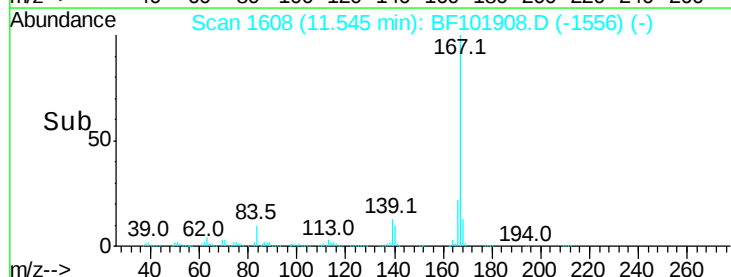
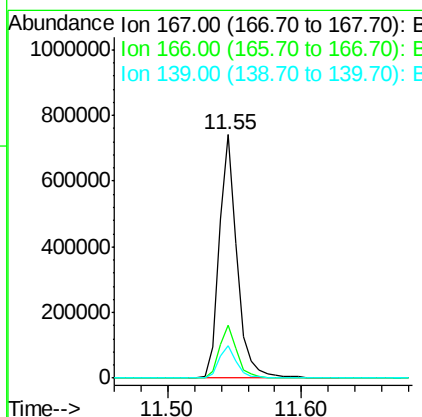
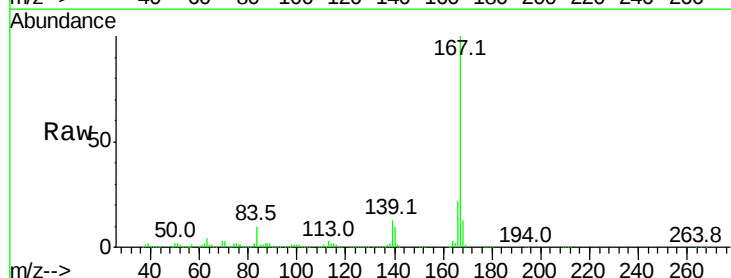
Instrument :
 BNA_F
 ClientSampleId :

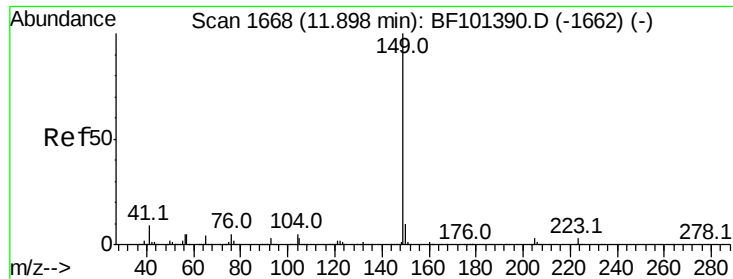
Tot Ion:178 Resp: 817684
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.427 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:167 Resp: 696807
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.621 ng

RT: 11.85 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

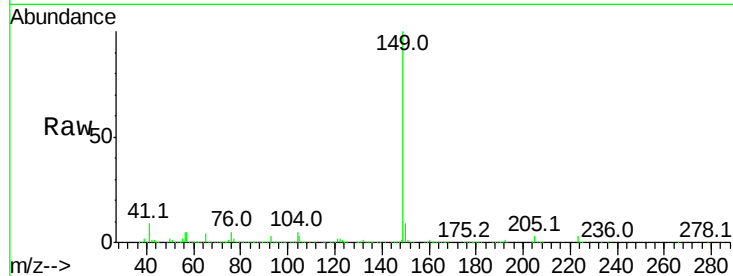
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1004078

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8

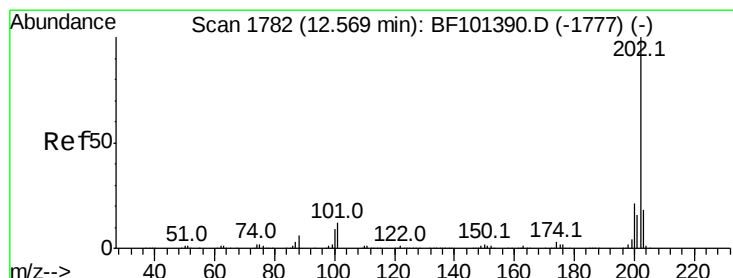
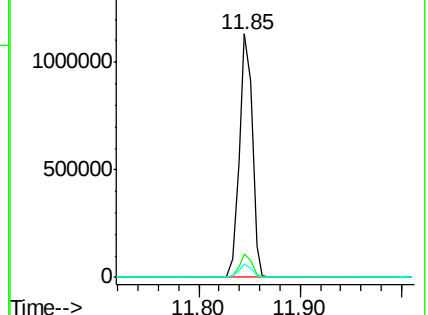
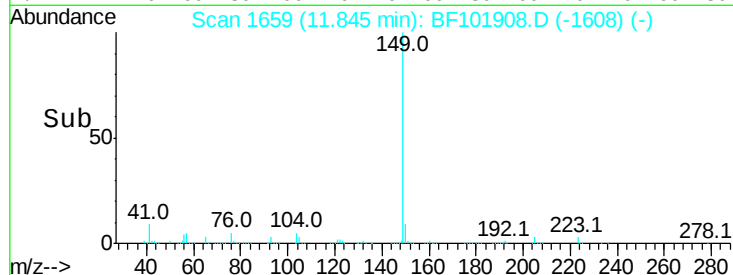


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.252 ng

RT: 12.52 min Scan# 1774

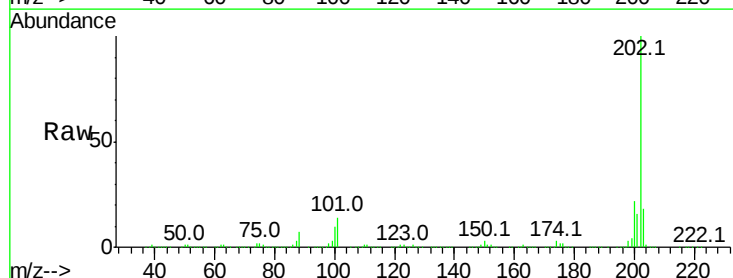
Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:202 Resp: 940409

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.9	0.0	38.1

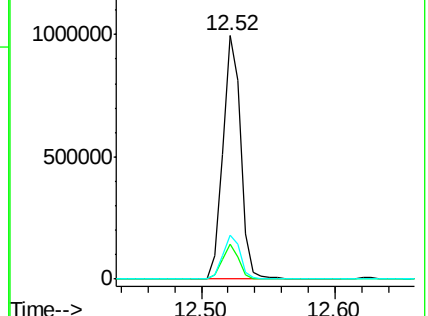
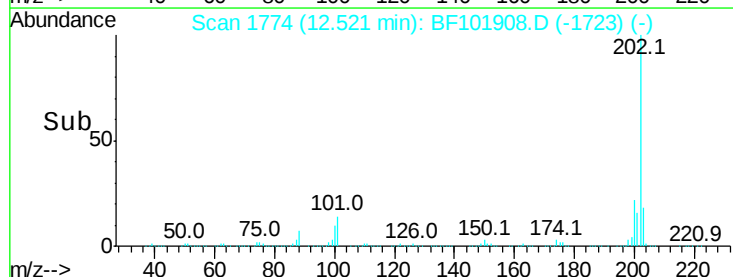


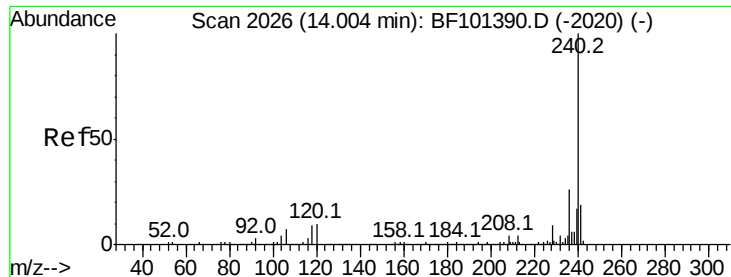
Abundance

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

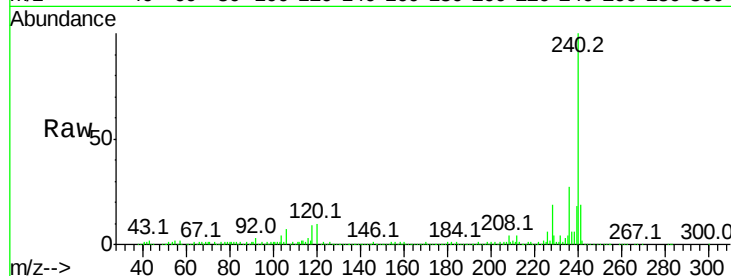
Tot Ion:240 Resp: 262824

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

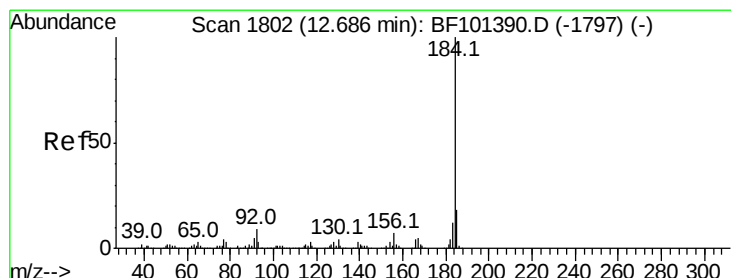
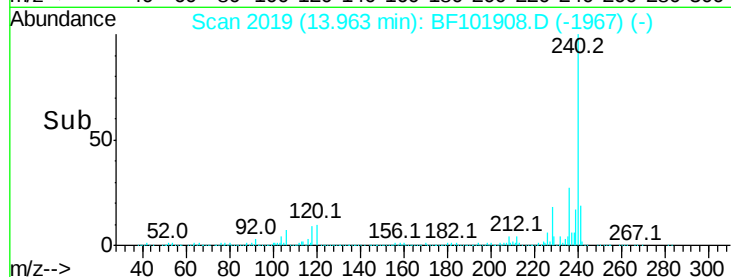
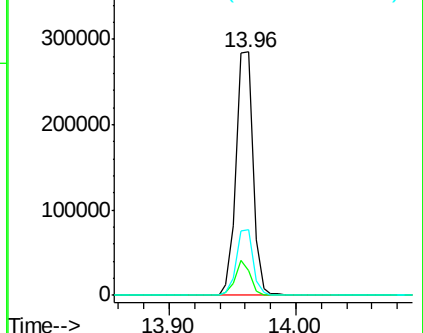
236 26.9 20.7 31.1



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



#76

Benzidine

Concen: 30.216 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

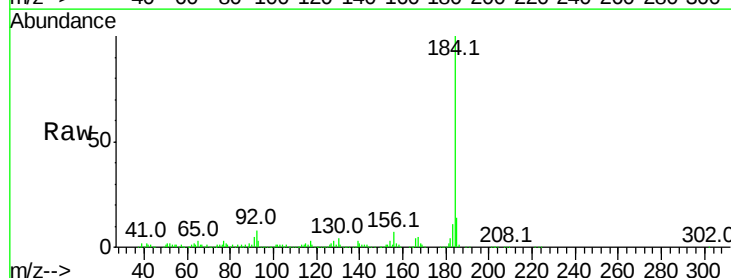
Tgt Ion:184 Resp: 335411

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

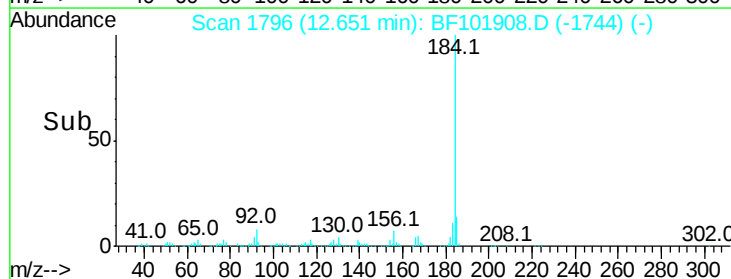
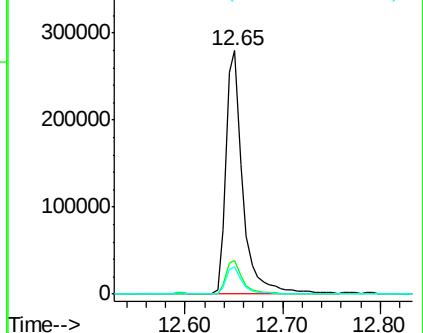
183 11.4 9.3 13.9

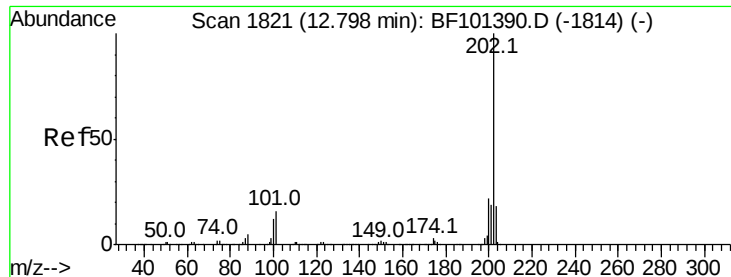


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.204 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

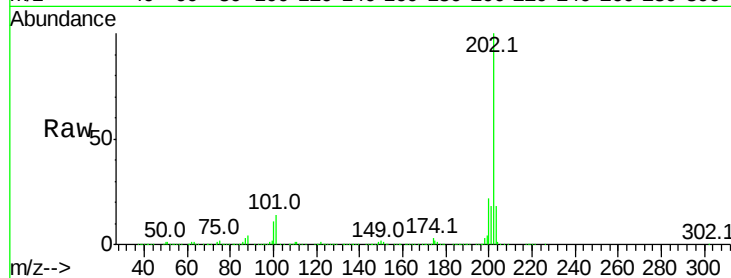
Tot Ion:202 Resp: 950809

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

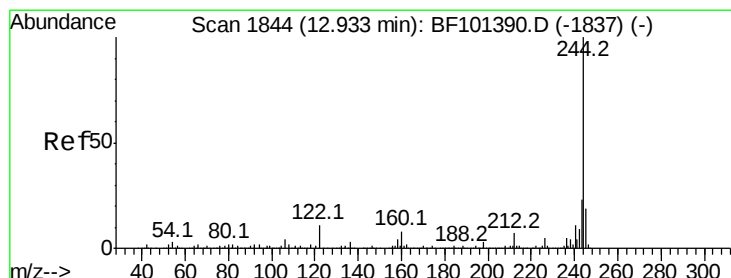
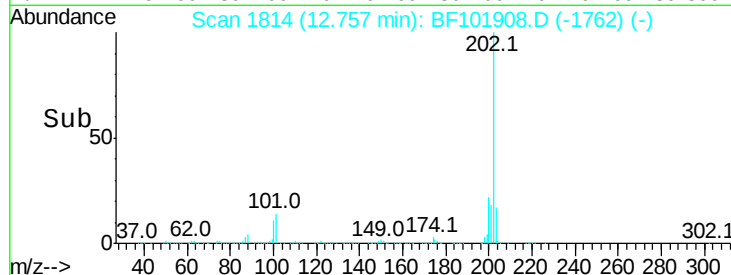
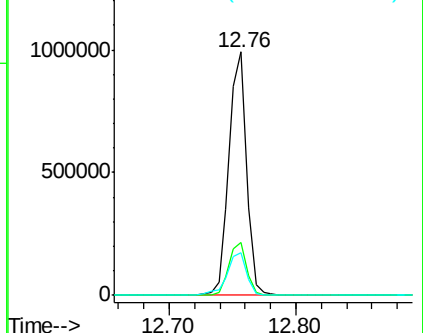
203 17.5 14.3 21.5



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



#78

Terphenyl-d14

Concen: 79.748 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

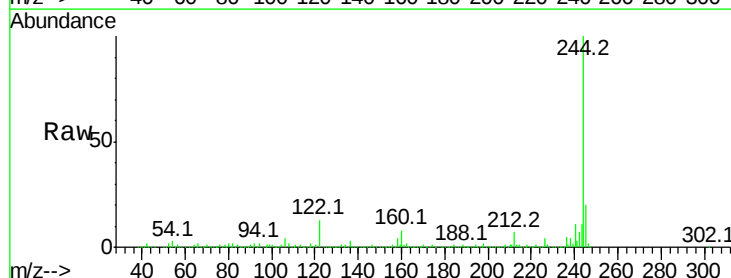
Tgt Ion:244 Resp: 869423

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

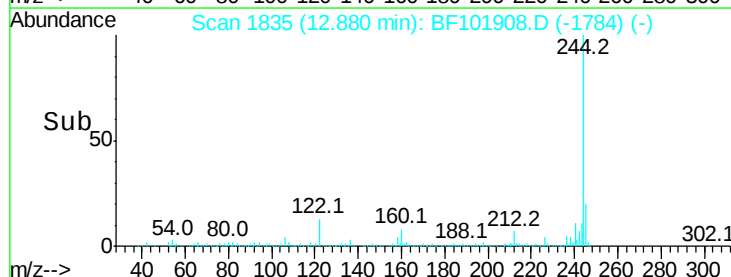
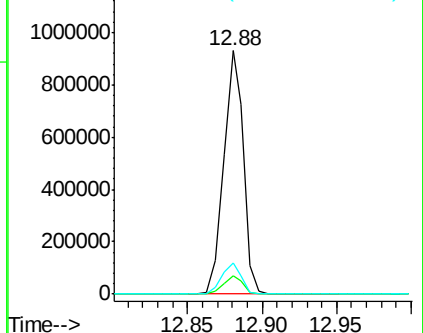
122 12.5 11.0 16.4

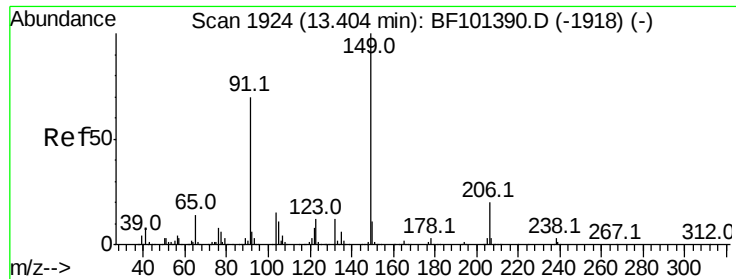


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

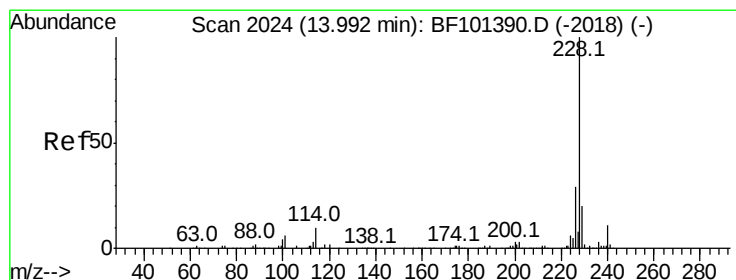
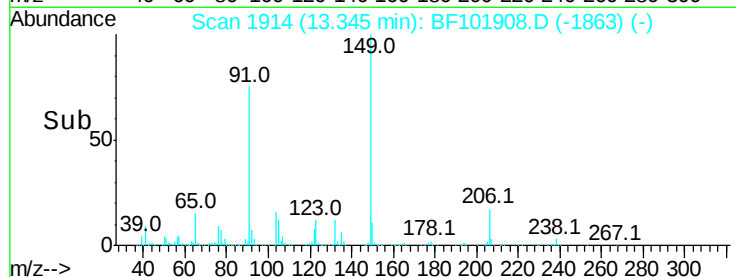
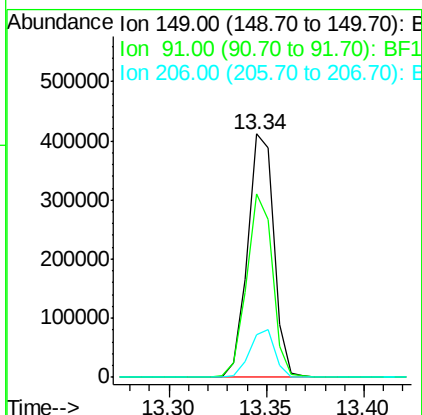
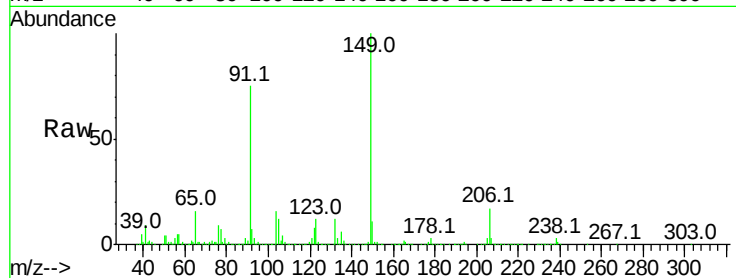




#79
Butylbenzylphthalate
Concen: 42.977 ng
RT: 13.34 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

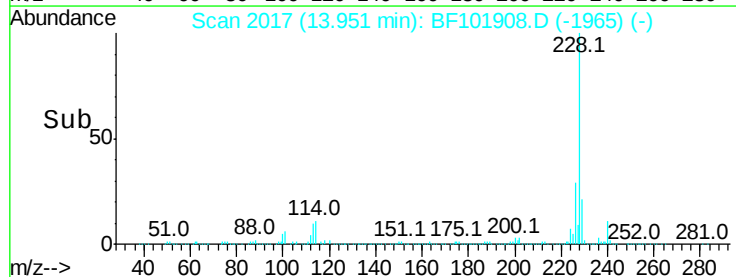
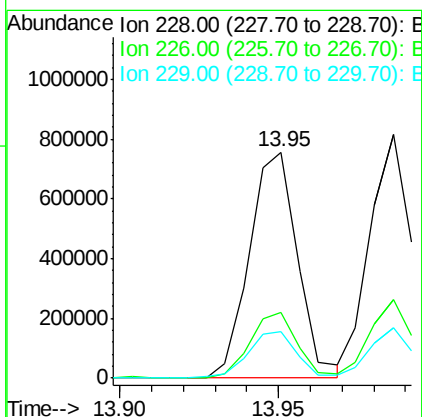
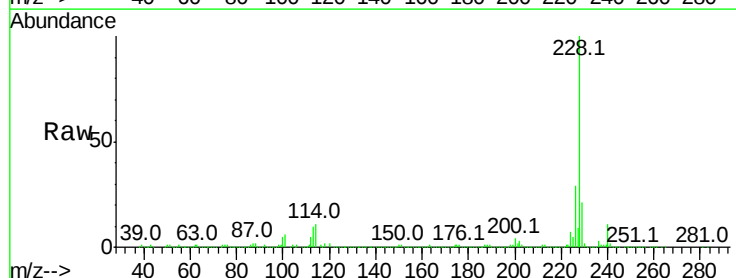
Instrument :
BNA_F
ClientSampleId :

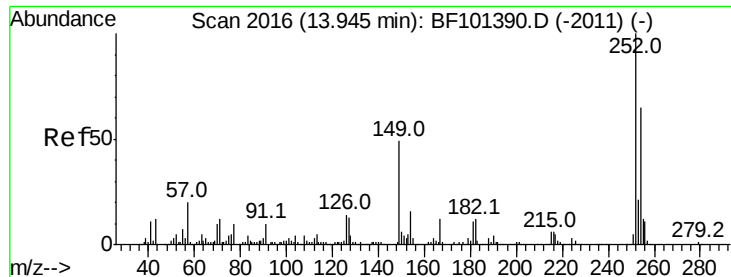
Tot Ion:149 Resp: 383568
Ion Ratio Lower Upper
149 100
91 75.5 56.8 85.2
206 17.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 45.941 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:228 Resp: 797286
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 20.6 15.8 23.6

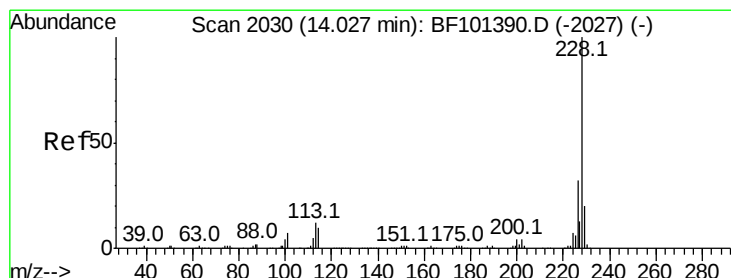
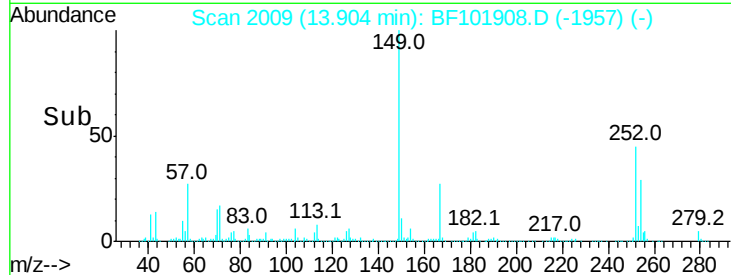
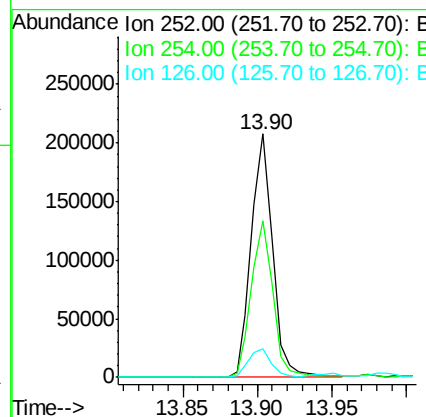
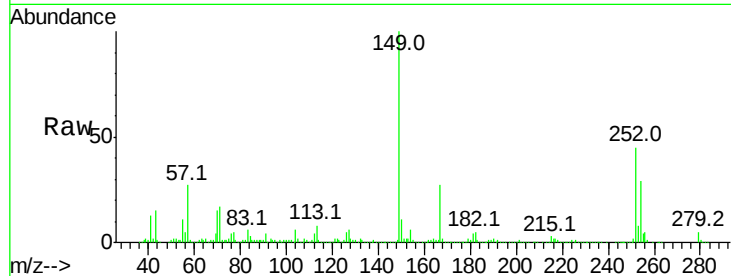




#81
 3,3'-Dichlorobenzidine
 Concen: 36.668 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

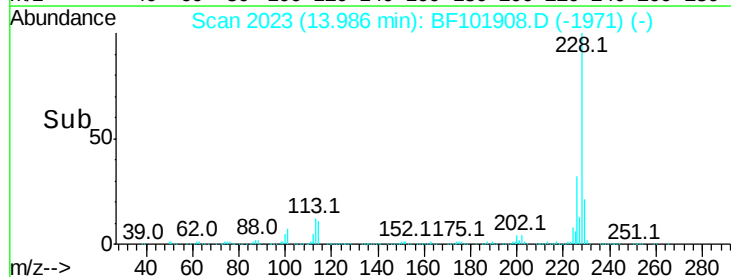
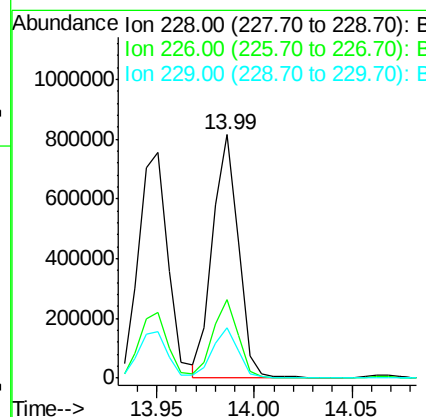
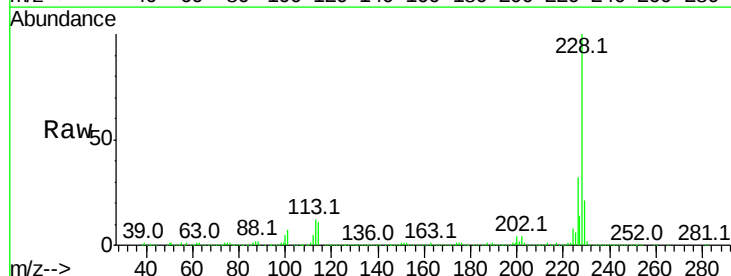
Instrument :
 BNA_F
 ClientSampled :

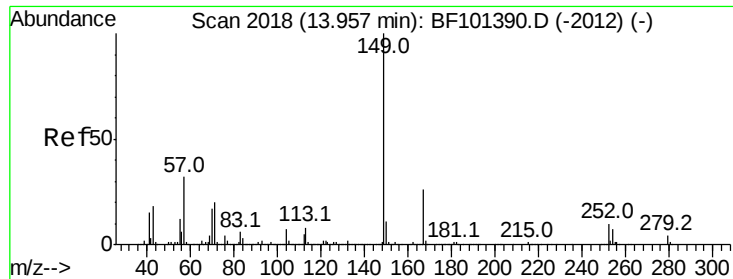
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.9	11.3	16.9



#82
 Chrysene
 Concen: 45.420 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.7	16.2	24.4

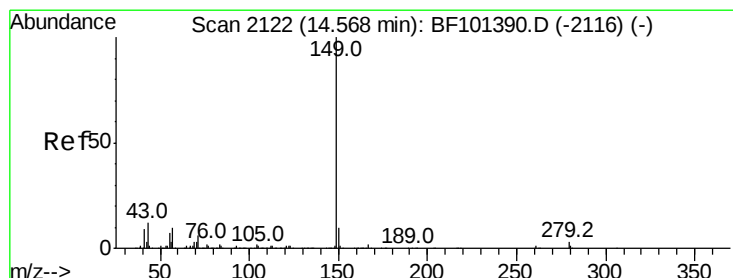
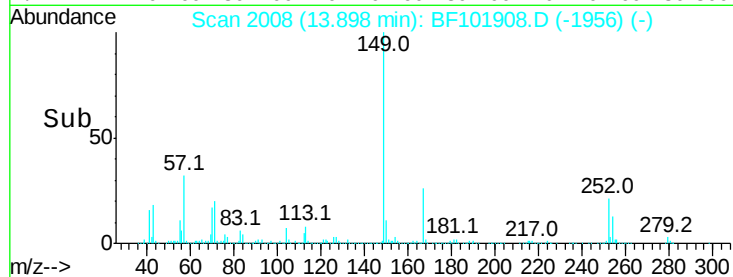
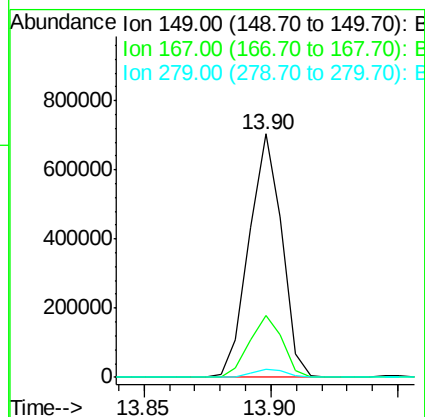
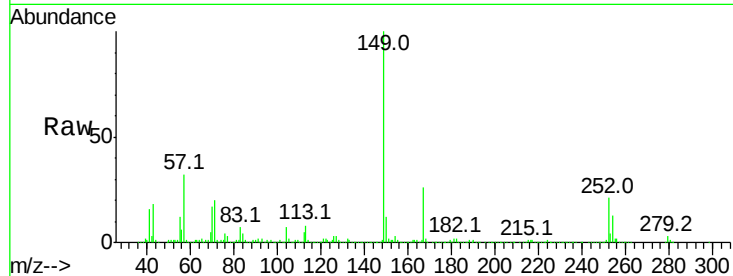




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.753 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

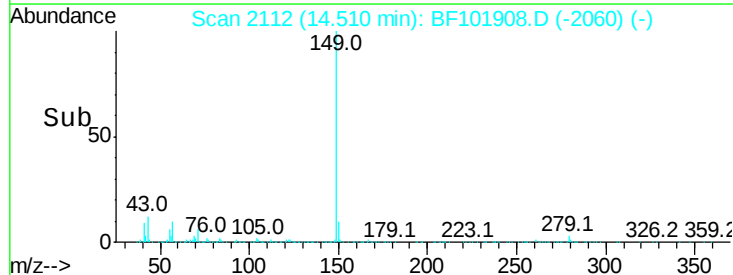
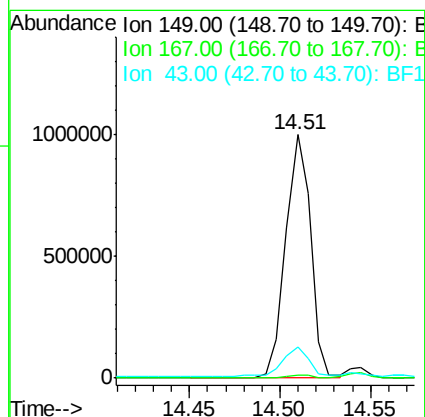
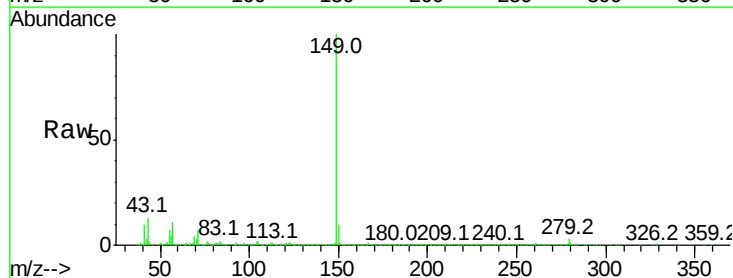
Instrument :
 BNA_F
 ClientSampleId :

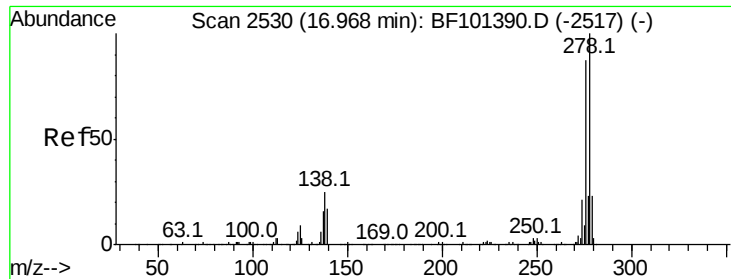
Tot Ion:149 Resp: 630261
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.594 ng
 RT: 14.51 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:149 Resp: 959523
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.6 8.4 12.6



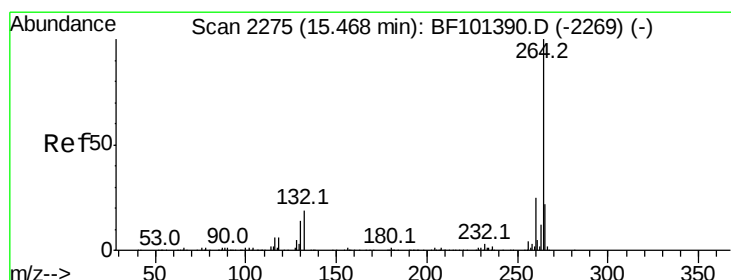
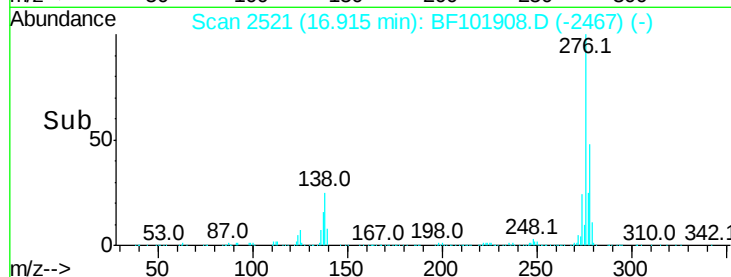
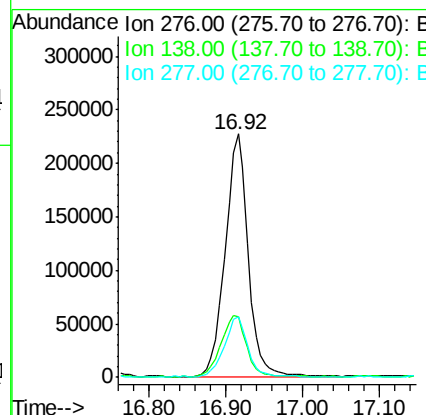
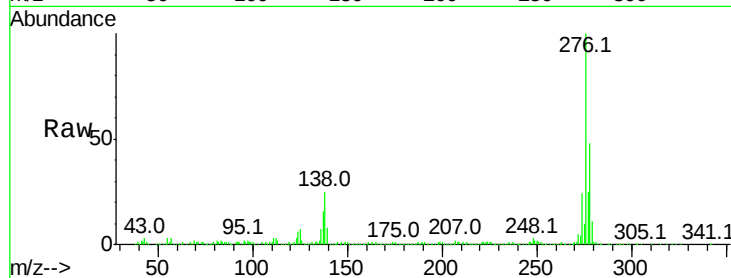


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.116 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.02 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 468628

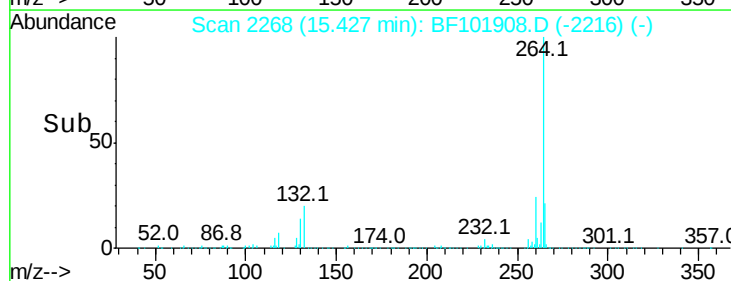
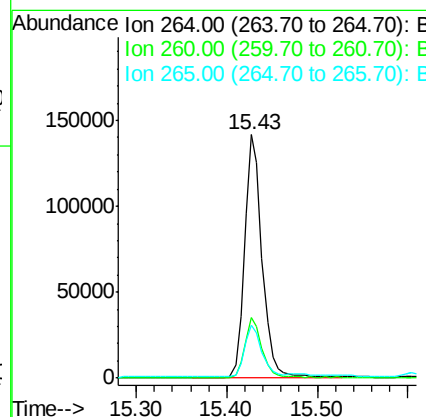
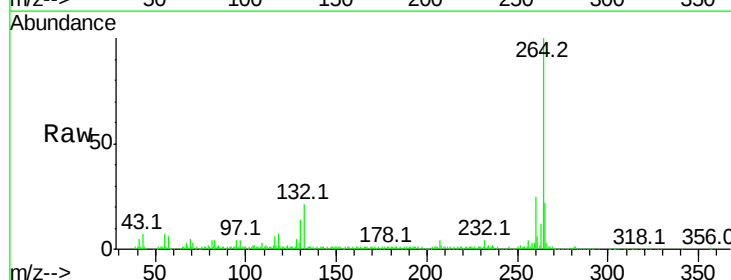
Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	24.7	20.1	30.1

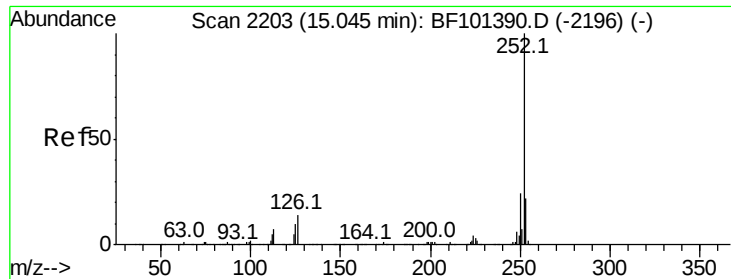


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:264 Resp: 193296

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3

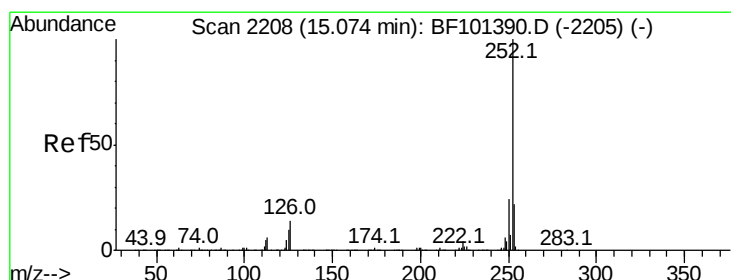
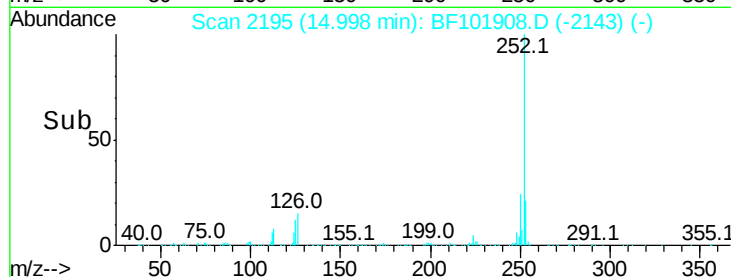
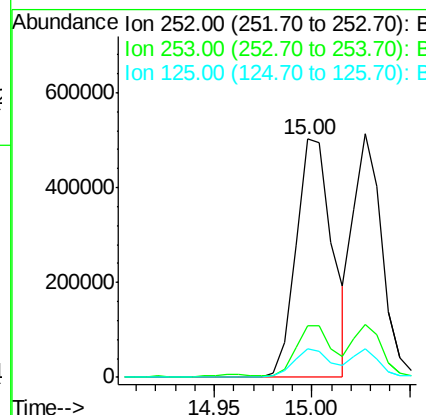
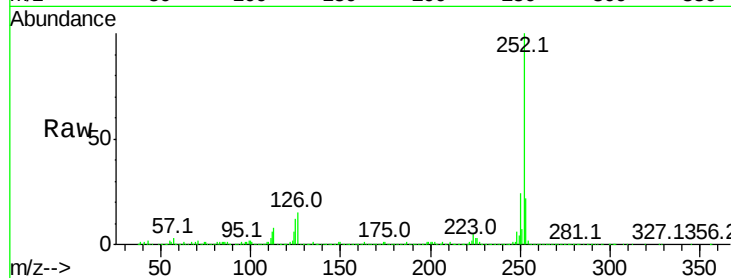




#87
Benzo(b)fluoranthene
Concen: 54.963 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

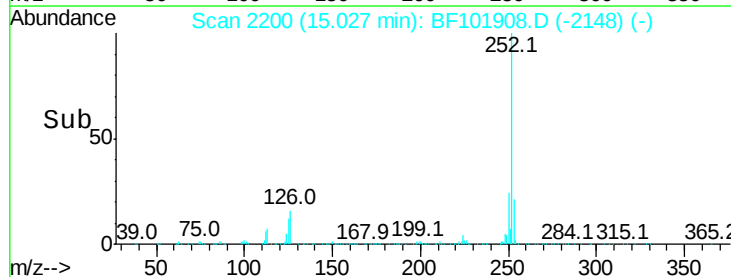
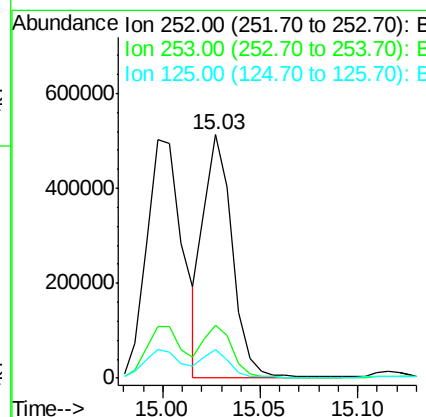
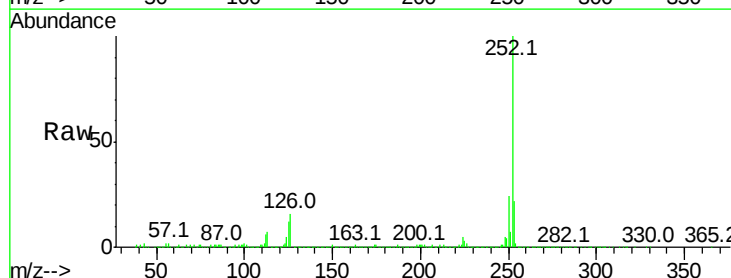
Instrument :
BNA_F
ClientSampleId :

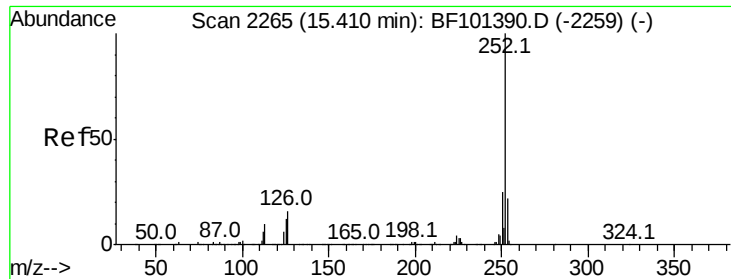
Tot Ion:252 Resp: 647562
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.658 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:252 Resp: 523020
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.9 10.2 15.2

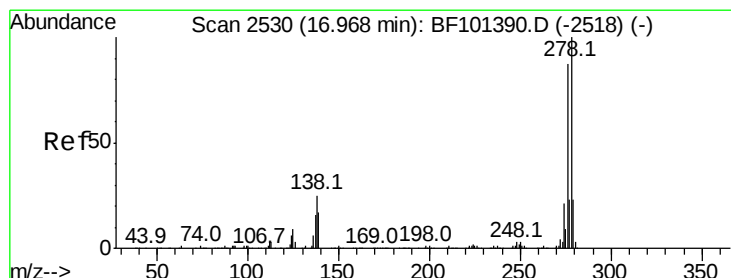
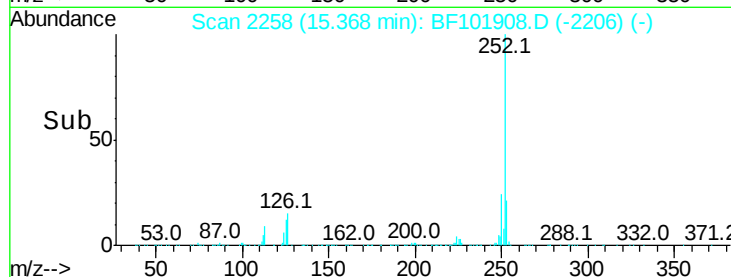
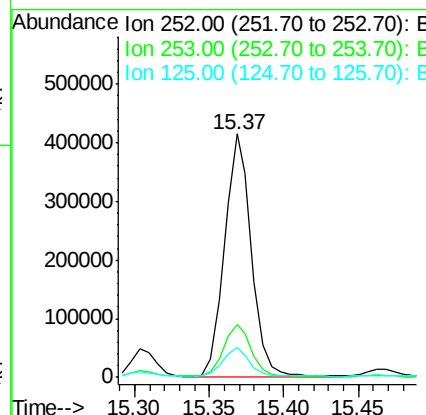
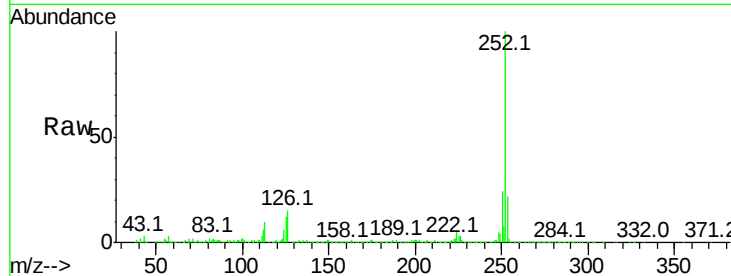




#89
Benzo(a)pyrene
Concen: 48.068 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

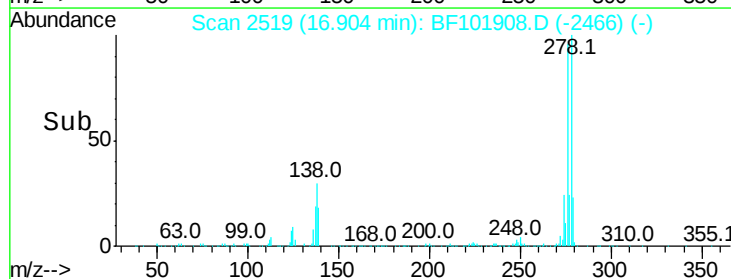
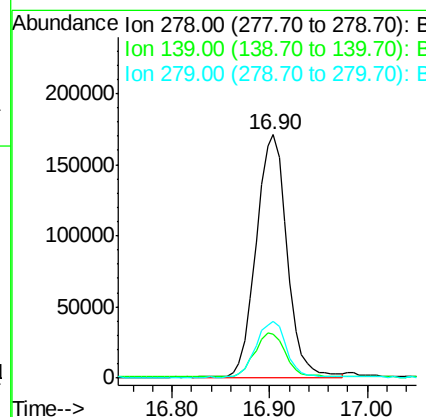
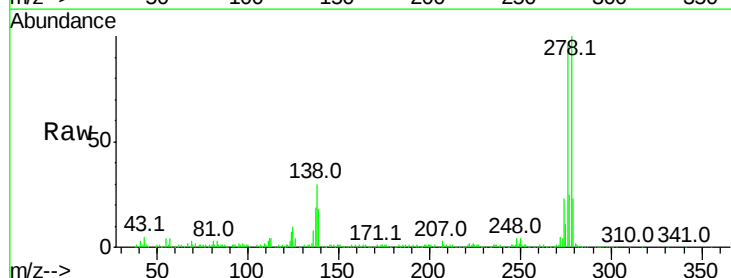
Instrument :
BNA_F
ClientSampleId :

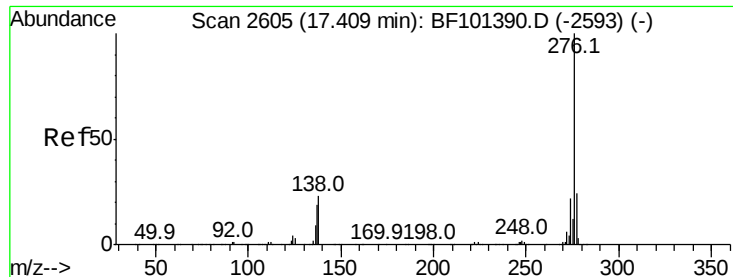
Tot Ion:252 Resp: 522075
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 12.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.482 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:278 Resp: 377502
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.622 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

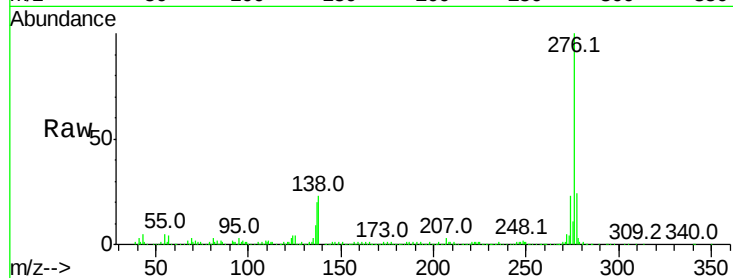
Tot Ion:276 Resp: 402800

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 23.4 21.8 32.8



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

