

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102151.D
 Acq On : 17 Jan 2018 15:51
 Operator : SJ/JU
 Sample : J1144-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:04:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155737	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	653416	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	292951	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	488949	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255842	20.00	ng	0.00
86) Perylene-d12	15.29	264	259439	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1158019	105.00	ng	0.02
7) Phenol-d6	6.37	99	1373073	104.35	ng	0.01
23) Nitrobenzene-d5	7.29	82	875627	78.75	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	314122	122.87	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1485295	79.21	ng	0.00
78) Terphenyl-d14	12.82	244	1155801	93.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	138610	25.184	ng	95
3) Pyridine	3.15	79	391176	26.025	ng	94
4) n-Nitrosodimethylamine	3.10	42	207414	32.953	ng	94
6) Aniline	6.39	93	477992	25.776	ng	# 74
8) 2-Chlorophenol	6.51	128	403112	36.444	ng	97
9) Benzaldehyde	6.27	77	55286	6.051	ng	94
10) Phenol	6.38	94	521420	35.064	ng	76
11) bis(2-Chloroethyl)ether	6.47	93	368596	32.565	ng	99
12) 1,3-Dichlorobenzene	6.66	146	421097	33.025	ng	99
13) 1,4-Dichlorobenzene	6.74	146	423409	33.277	ng	99
14) 1,2-Dichlorobenzene	6.89	146	396781	33.692	ng	100
15) Benzyl Alcohol	6.87	79	337416	35.055	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	613594	29.408	ng	99
17) 2-Methylphenol	6.98	107	339216	33.995	ng	97
18) Hexachloroethane	7.23	117	150934	33.687	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	275984	32.005	ng	98
20) 3+4-Methylphenols	7.14	107	398591	33.269	ng	# 69
22) Acetophenone	7.14	105	558669	35.486	ng	# 89
24) Nitrobenzene	7.31	77	413575	34.614	ng	99
25) Isophorone	7.55	82	764612	34.801	ng	99
26) 2-Nitrophenol	7.62	139	231430	46.278	ng	98
27) 2,4-Dimethylphenol	7.66	122	366535	39.245	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	473789	35.715	ng	99
29) 2,4-Dichlorophenol	7.86	162	344349	38.829	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	329200	35.489	ng	96
31) Naphthalene	8.03	128	1104884	33.840	ng	100
32) Benzoic acid	7.74	122	36087	5.095	ng	98
33) 4-Chloroaniline	8.08	127	365426	26.222	ng	98
34) Hexachlorobutadiene	8.14	225	168684	34.354	ng	100
35) Caprolactam	8.46	113	65980	21.672	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	368929	38.004	ng	96
37) 2-Methylnaphthalene	8.72	142	774327	36.024	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	307652	37.121	ng	99
40) Hexachlorocyclopentadiene	8.87	237	282764	62.386	ng	98

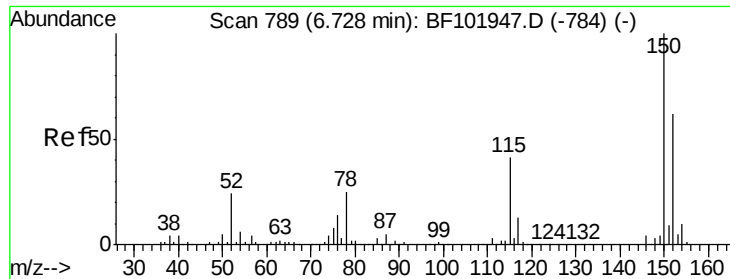
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102151.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	228142	39.946	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	240950	37.327	nq	96
45) 1,1'-Biphenyl	9.19	154	914115	35.303	nq	96
46) 2-Chloronaphthalene	9.21	162	697025	34.713	nq	97
47) 2-Nitroaniline	9.30	65	231529	38.493	nq	92
48) Acenaphthylene	9.62	152	1058834	33.228	nq	99
49) Dimethylphthalate	9.49	163	972102	41.365	nq	99
50) 2,6-Dinitrotoluene	9.55	165	187876	40.022	nq	98
51) Acenaphthene	9.79	154	616590	31.879	nq	100
52) 3-Nitroaniline	9.72	138	169897	28.677	nq	98
53) 2,4-Dinitrophenol	9.82	184	118502	67.565	nq	# 21
54) Dibenzofuran	9.96	168	933393	35.163	nq	96
55) 4-Nitrophenol	9.89	139	321404	72.796	nq	97
56) 2,4-Dinitrotoluene	9.95	165	241885	41.111	nq	97
57) Fluorene	10.30	166	701909	38.251	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	190414	41.434	nq	98
59) Diethylphthalate	10.19	149	805599	34.461	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	306424	39.216	nq	96
61) 4-Nitroaniline	10.33	138	193169	34.356	nq	95
62) Azobenzene	10.46	77	769422	33.082	nq	99
64) 4,6-Dinitro-2-methylphenol	10.36	198	104802	40.472	nq	95
65) n-Nitrosodiphenylamine	10.42	169	653643	35.700	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	195047	37.774	nq	98
67) Hexachlorobenzene	10.85	284	203809	36.156	nq	94
68) Atrazine	10.95	200	195904	37.024	nq	98
69) Pentachlorophenol	11.04	266	228047	66.344	nq	97
70) Phenanthrene	11.27	178	971962	34.031	nq	99
71) Anthracene	11.32	178	1005448	34.711	nq	100
72) Carbazole	11.47	167	921327	32.360	nq	99
73) Di-n-butylphthalate	11.80	149	1125941	32.234	nq	100
74) Fluoranthene	12.45	202	887338	31.577	nq	96
76) Benzidine	12.57	184	421385	34.108	nq	96
77) Pyrene	12.67	202	862892	38.156	nq	100
79) Butylbenzylphthalate	13.30	149	377935	36.415	nq	94
80) Benzo(a)anthracene	13.86	228	558238	34.199	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	203535	33.675	nq	99
82) Chrysene	13.90	228	552637	32.468	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	452448	38.002	nq	99
84) Di-n-octyl phthalate	14.46	149	707605	35.816	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	678667	54.782	nq	100
87) Benzo(b)fluoranthene	14.88	252	521980	30.857	nq	98
88) Benzo(k)fluoranthene	14.91	252	522759	32.034	nq	98
89) Benzo(a)pyrene	15.23	252	526339	34.577	nq	100
90) Dibenzo(a,h)anthracene	16.68	278	555422	45.722	nq	98
91) Benzo(g,h,i)perylene	17.09	276	574953	46.986	nq	97

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

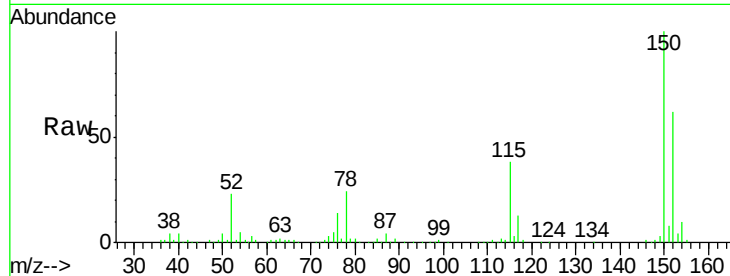


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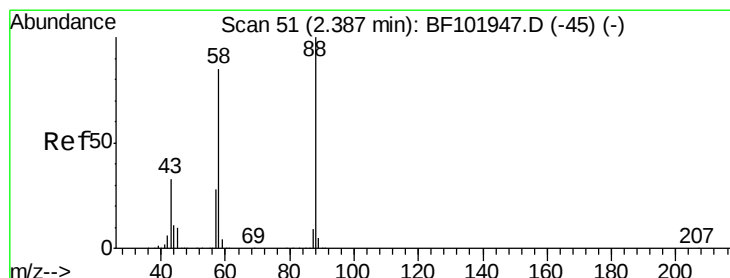
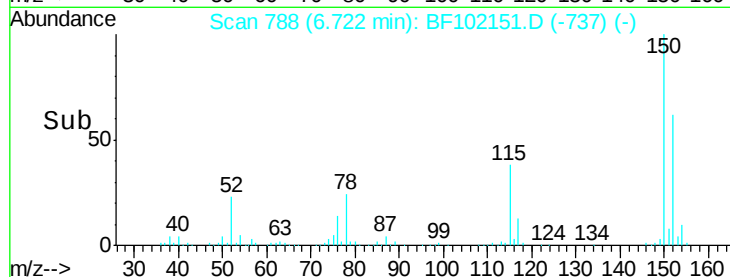
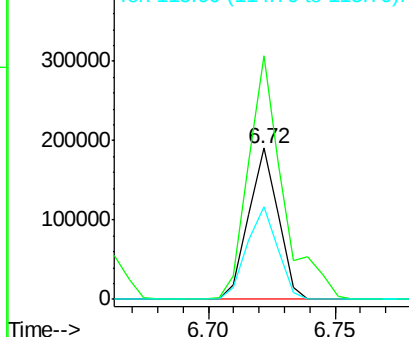
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155737
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 61.3 50.1 75.1



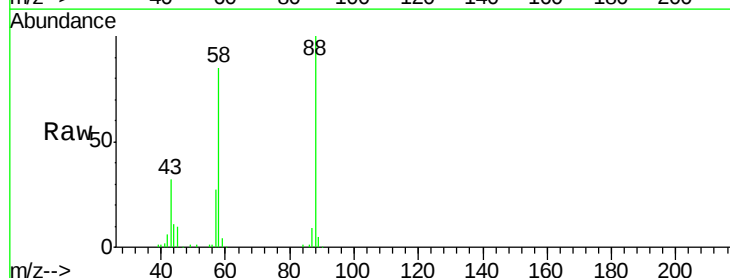
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



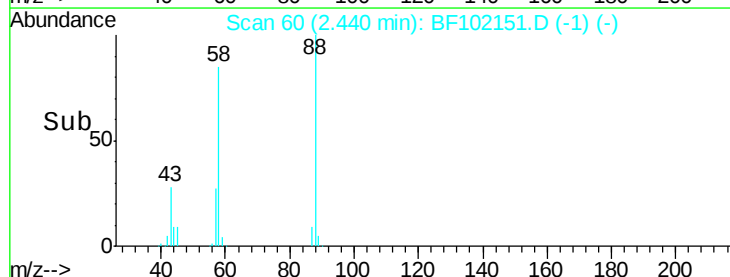
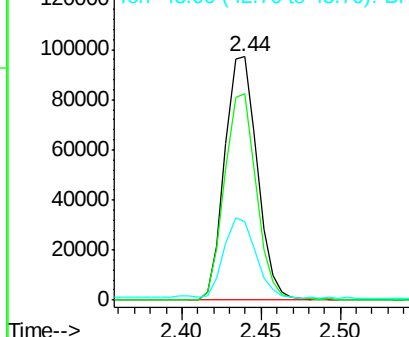
#2

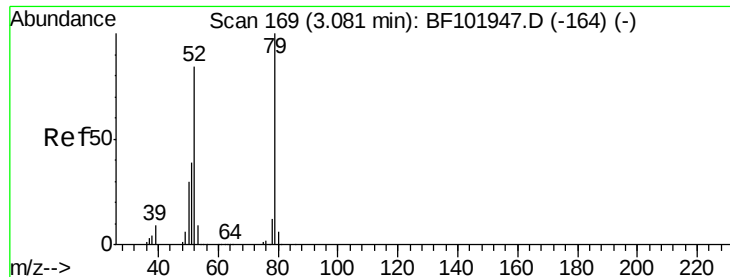
1,4-Dioxane
Concen: 25.184 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.06 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion: 88 Resp: 138610
Ion Ratio Lower Upper
88 100
58 82.8 62.6 93.8
43 33.3 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: 26.025 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.06 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

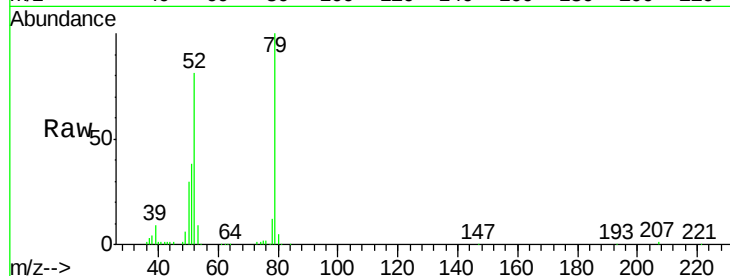
Tot Ion: 79 Resp: 391176

Ion Ratio Lower Upper

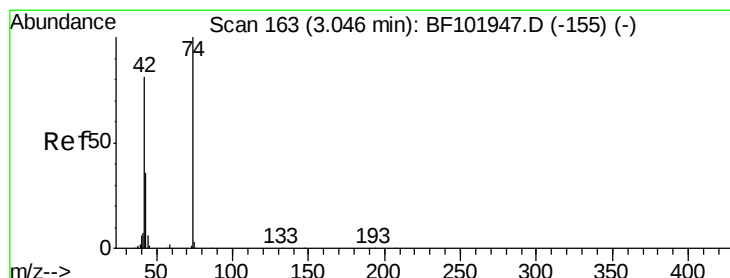
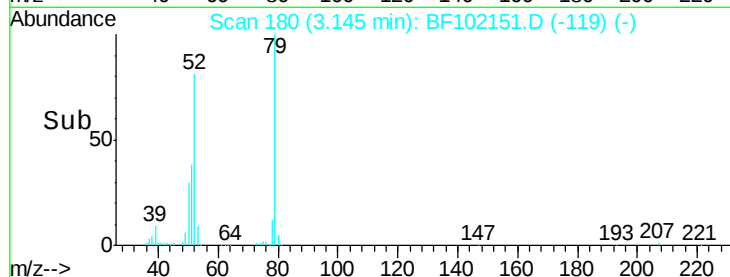
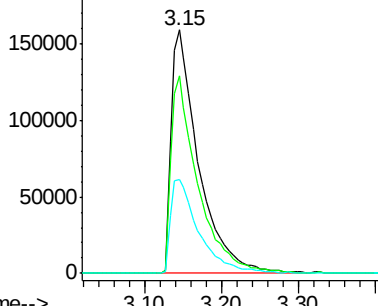
79 100

52 81.2 59.8 89.6

51 38.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.953 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.05 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

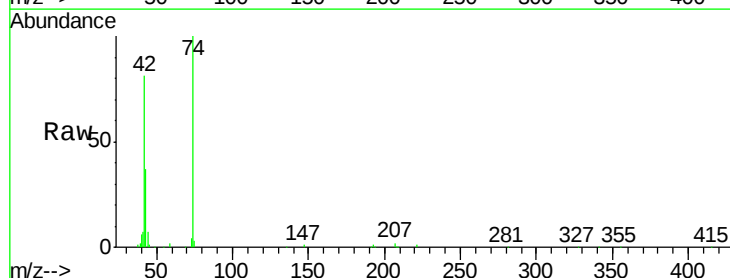
Tgt Ion: 42 Resp: 207414

Ion Ratio Lower Upper

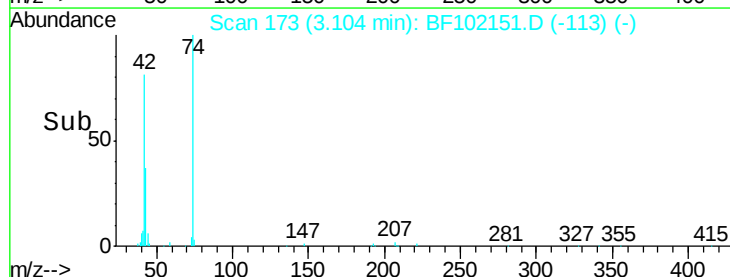
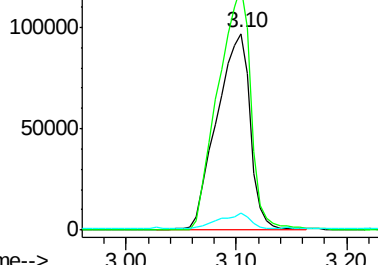
42 100

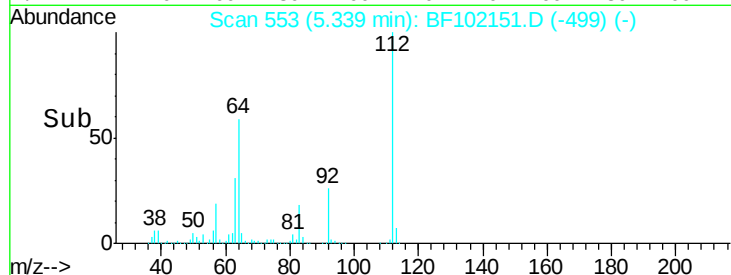
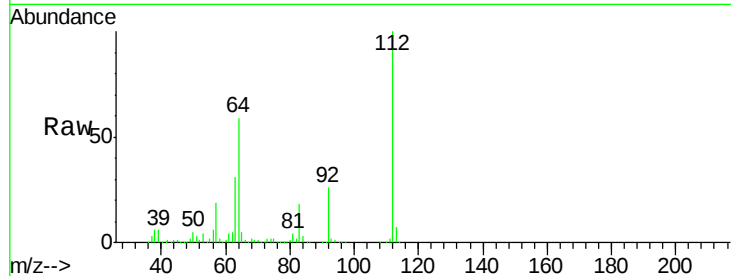
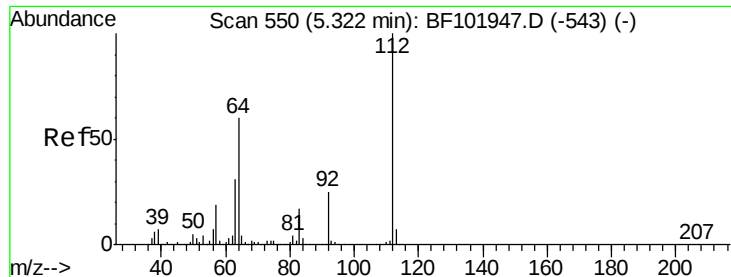
74 123.7 104.9 157.3

44 8.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.999 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

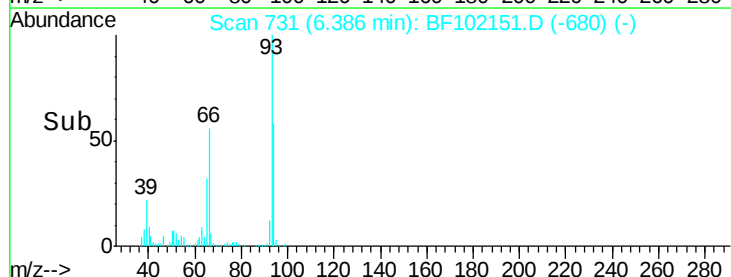
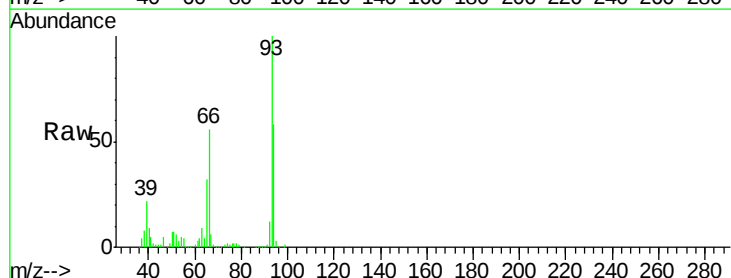
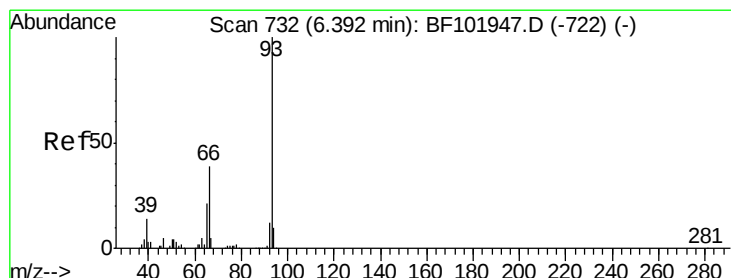
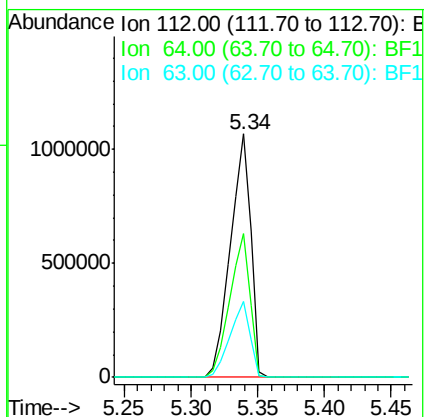
Tot Ion:112 Resp: 1158019

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

63 31.4 23.7 35.5



#6

Aniline

Concen: 25.776 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

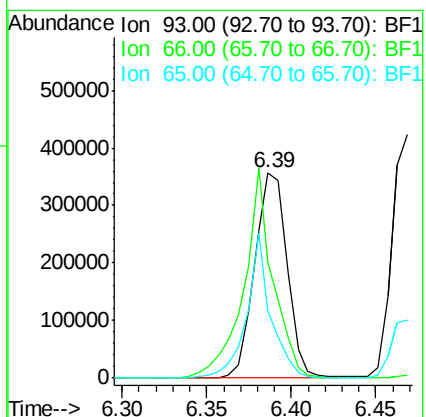
Tgt Ion: 93 Resp: 477992

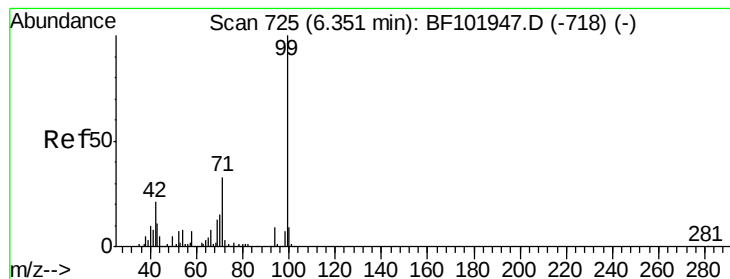
Ion Ratio Lower Upper

93 100

66 56.5 32.2 48.2#

65 32.5 16.4 24.6#





#7

Phenol-d6

Concen: 104.348 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

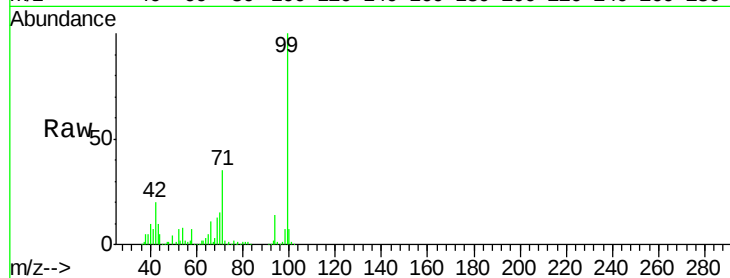
Tot Ion: 99 Resp: 1373073

Ion Ratio Lower Upper

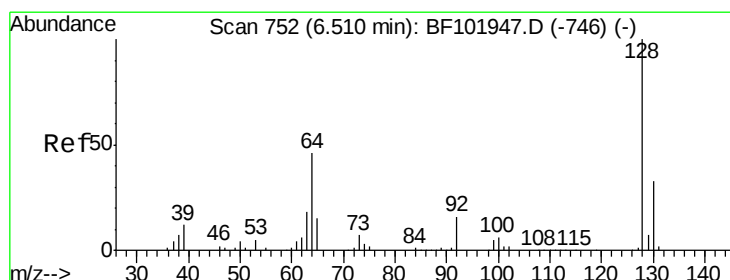
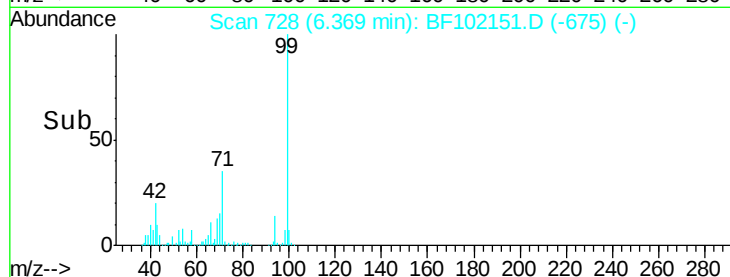
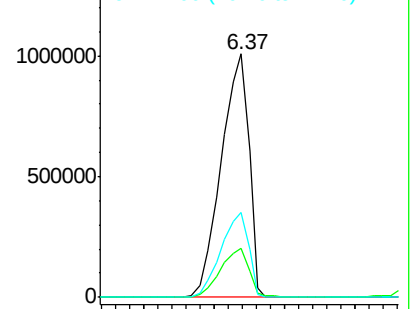
99 100

42 20.1 14.5 21.7

71 35.0 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: 36.444 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

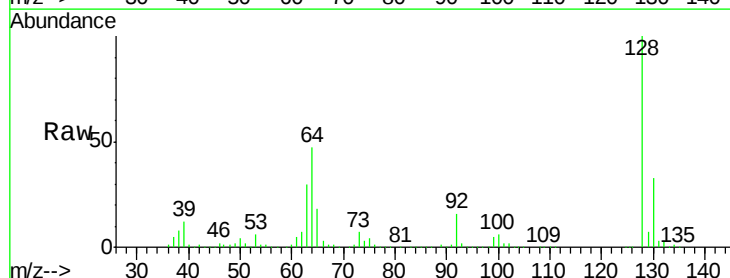
Tgt Ion:128 Resp: 403112

Ion Ratio Lower Upper

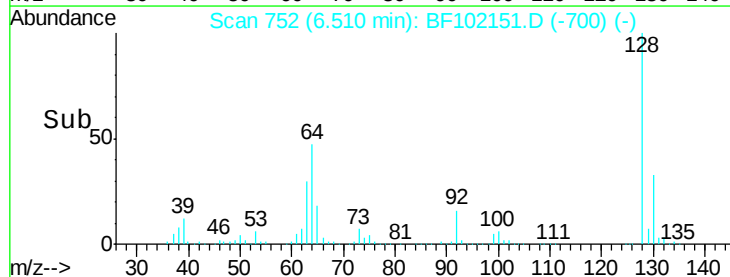
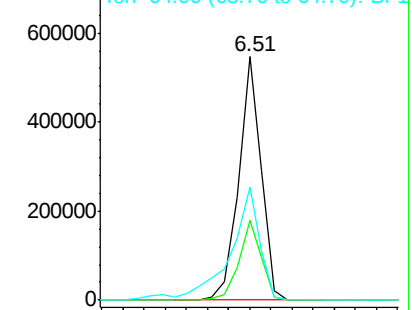
128 100

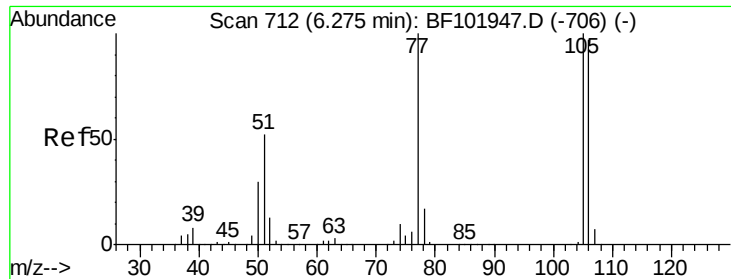
130 32.6 13.0 53.0

64 46.7 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: 6.051 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampled :

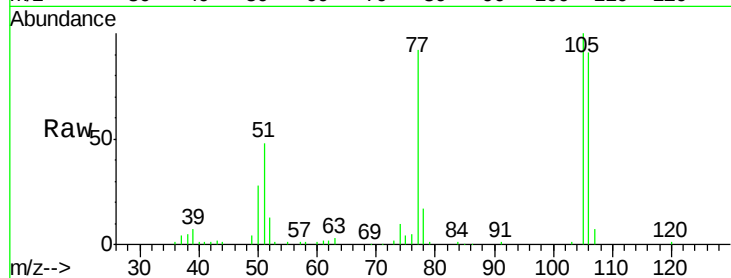
Tot Ion: 77 Resp: 55286

Ion Ratio Lower Upper

77 100

105 108.3 81.1 121.1

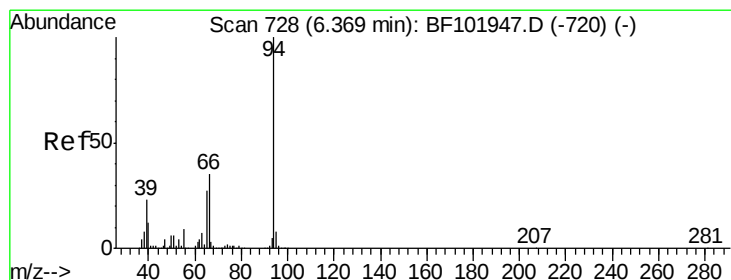
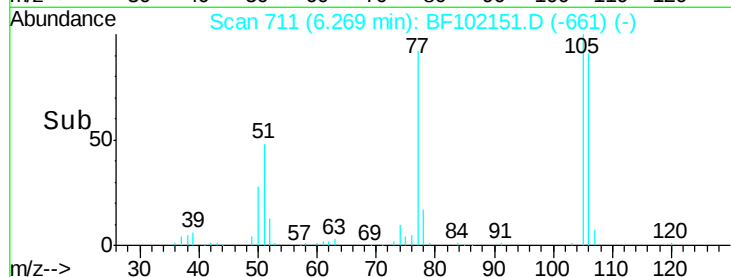
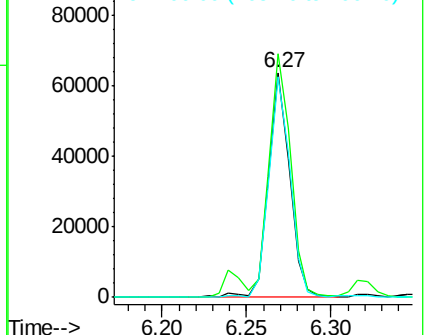
106 98.3 74.5 114.5



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: 35.064 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

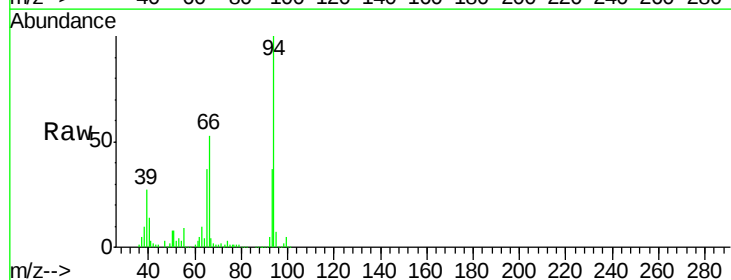
Tgt Ion: 94 Resp: 521420

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

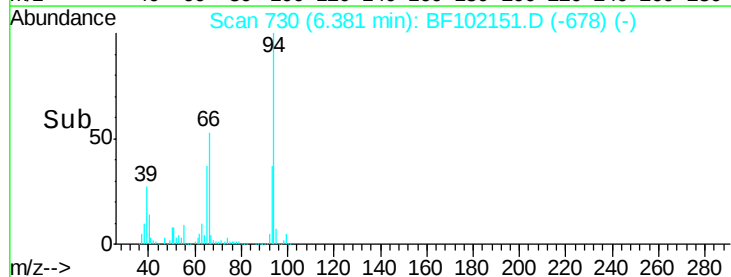
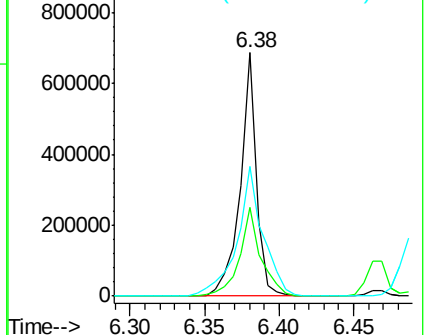
66 53.2 16.2 56.2

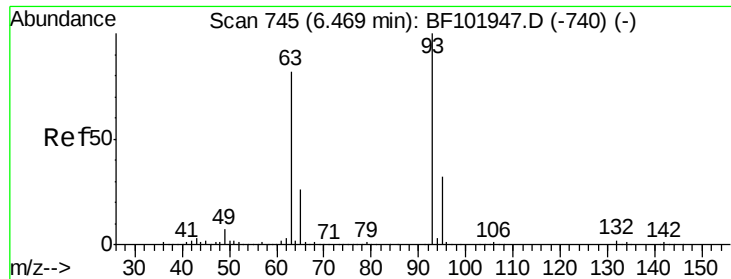


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.565 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

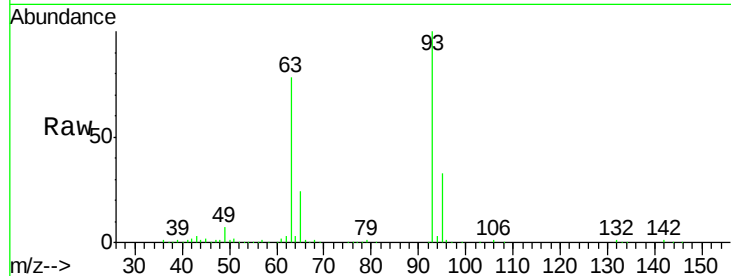
Tot Ion: 93 Resp: 368596

Ion Ratio Lower Upper

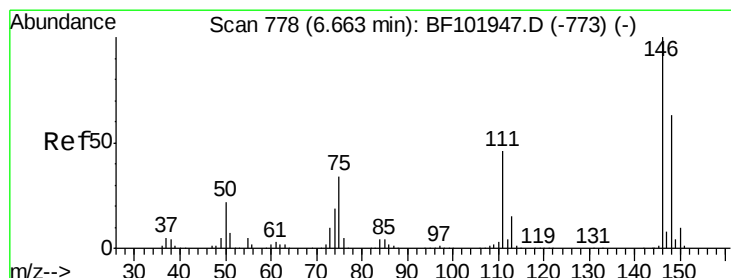
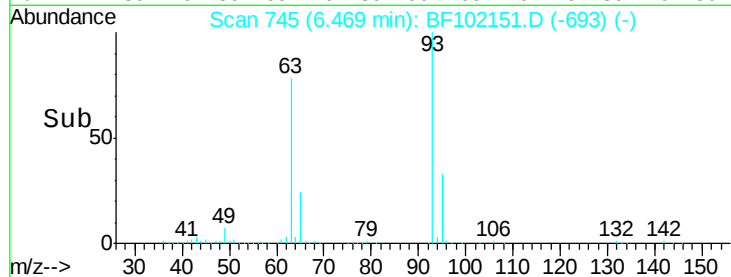
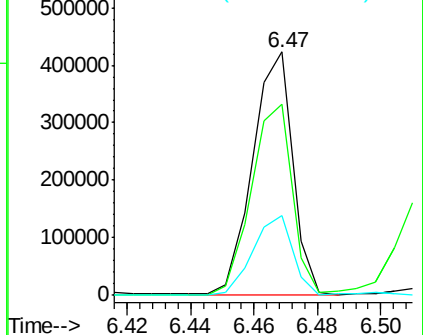
93 100

63 78.4 58.6 98.6

95 32.6 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 33.025 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

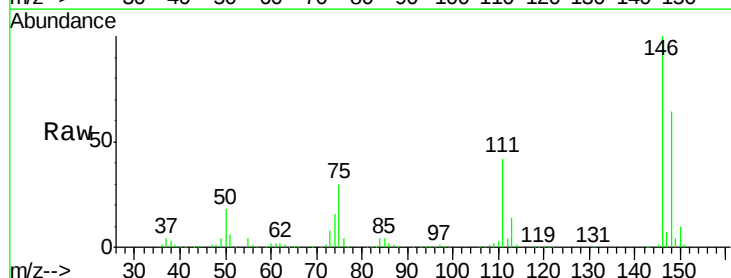
Tgt Ion:146 Resp: 421097

Ion Ratio Lower Upper

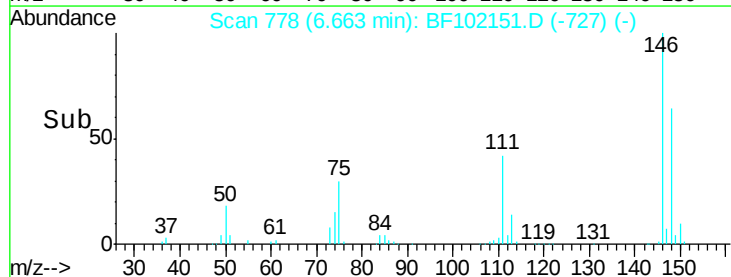
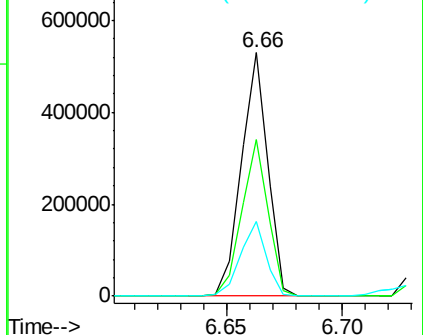
146 100

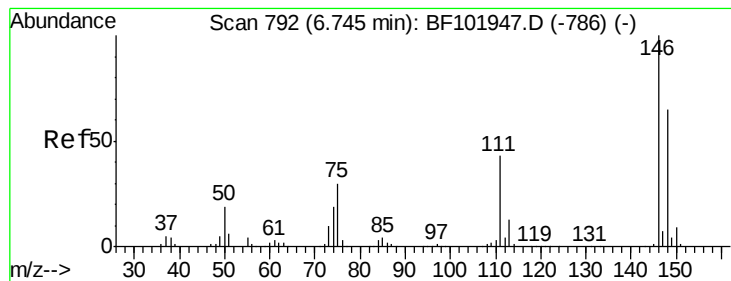
148 64.2 51.8 77.8

75 30.5 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 33.277 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

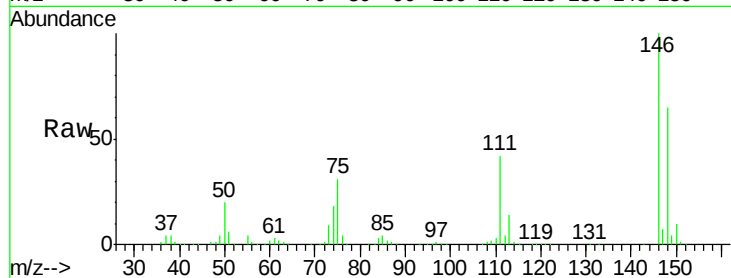
Tot Ion:146 Resp: 423409

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

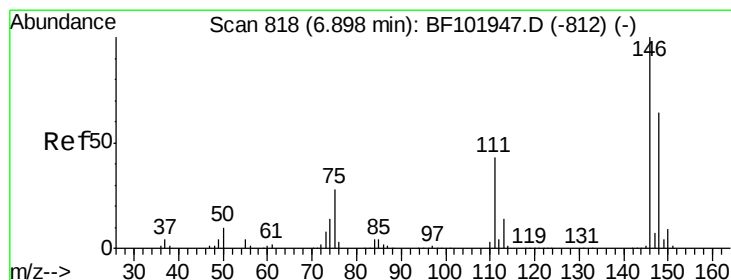
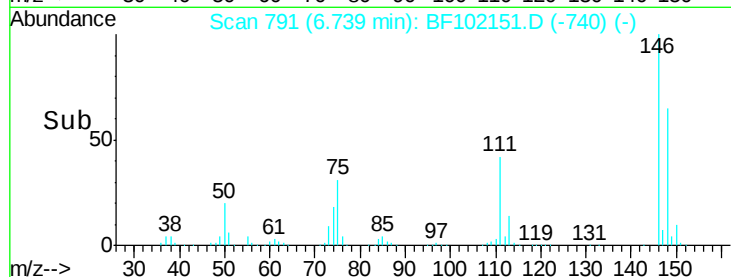
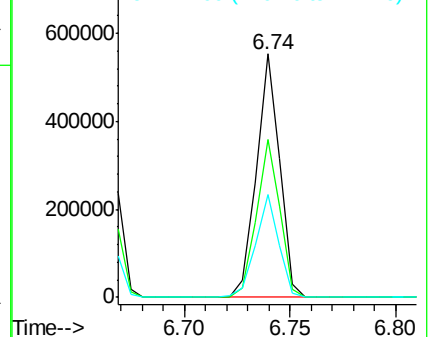
111 42.5 34.2 51.2



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: 33.692 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

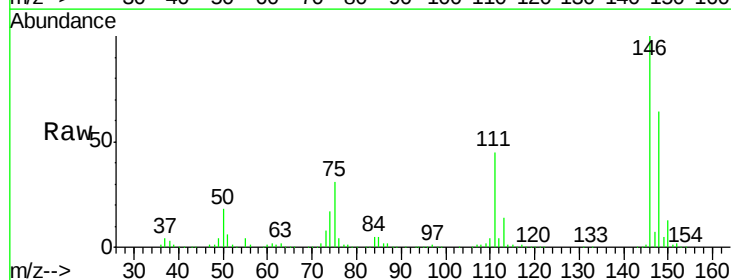
Tgt Ion:146 Resp: 396781

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

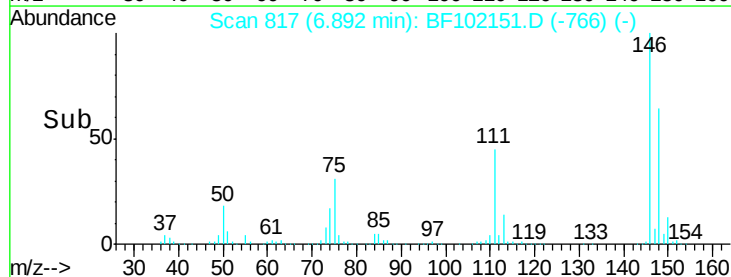
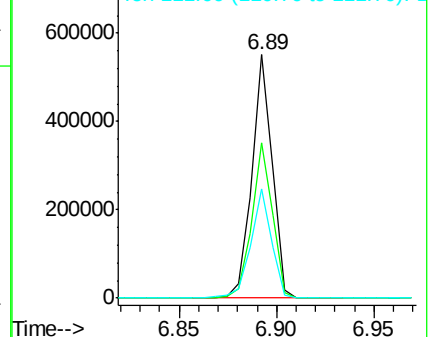
111 44.9 36.0 54.0

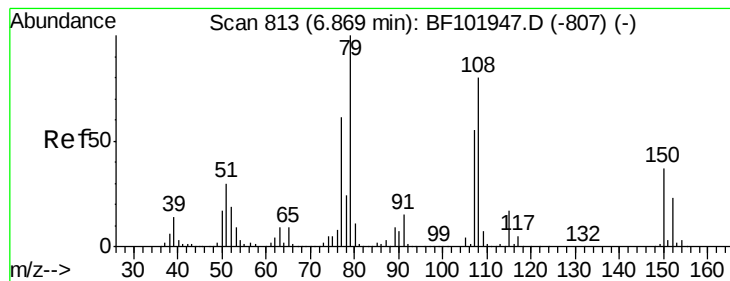


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.055 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampled :

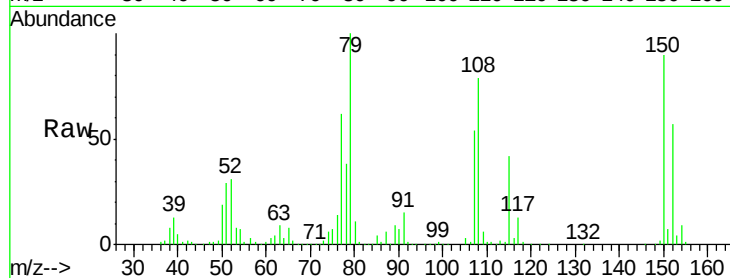
Tot Ion: 79 Resp: 337416

Ion Ratio Lower Upper

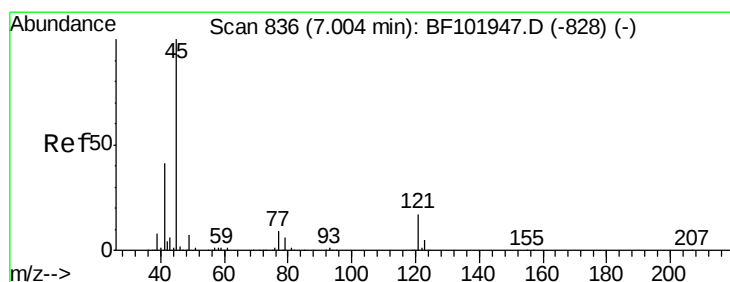
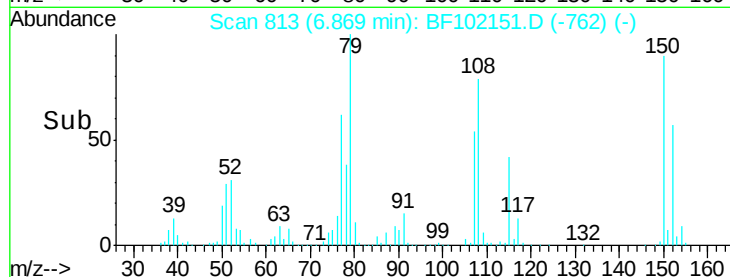
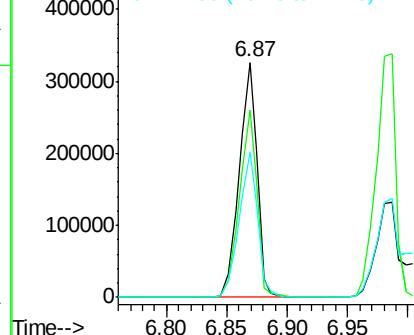
79 100

108 79.4 65.1 97.7

77 61.8 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: 29.408 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

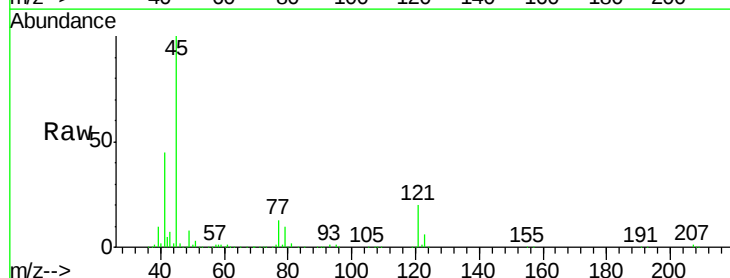
Tgt Ion: 45 Resp: 613594

Ion Ratio Lower Upper

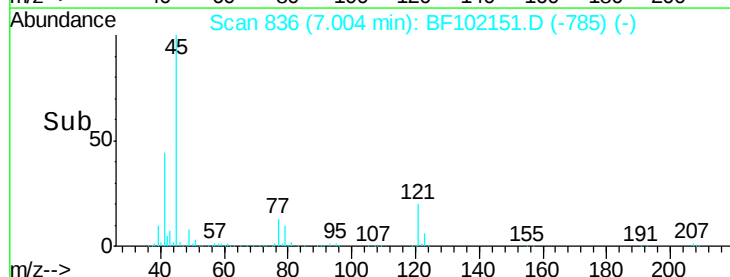
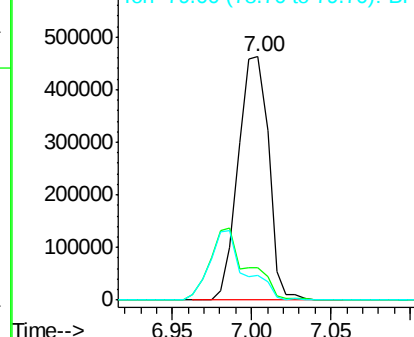
45 100

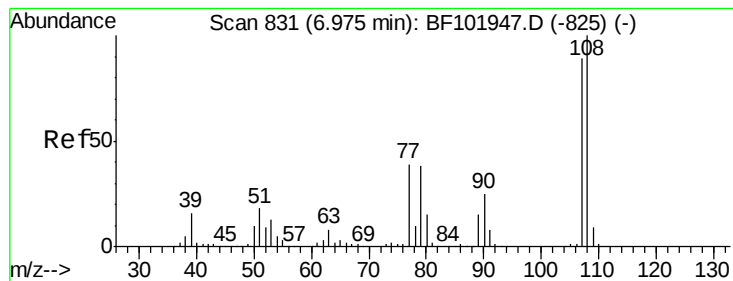
77 13.1 0.0 32.9

79 10.2 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

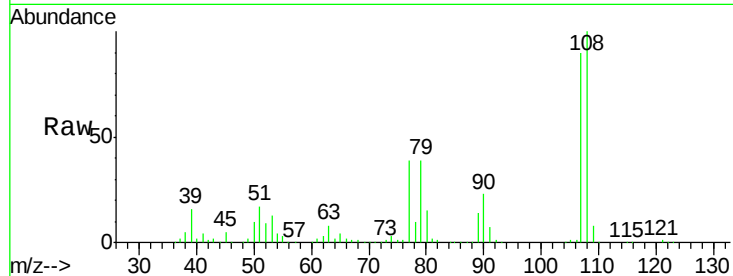




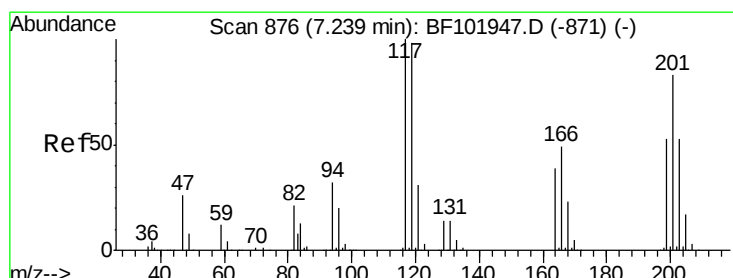
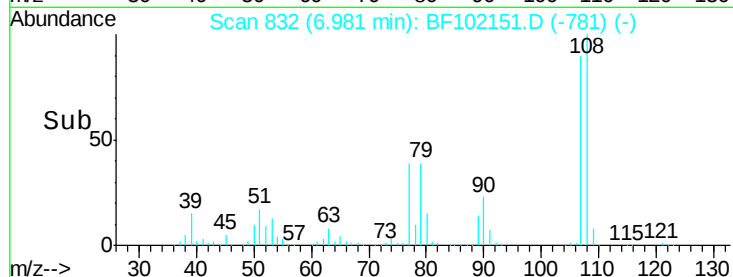
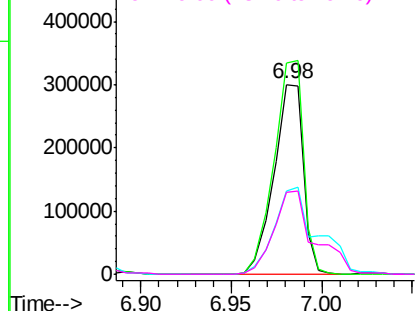
#17
2-Methylphenol
Concen: 33.995 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 339216
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 43.9 33.8 50.8
79 43.5 33.8 50.8

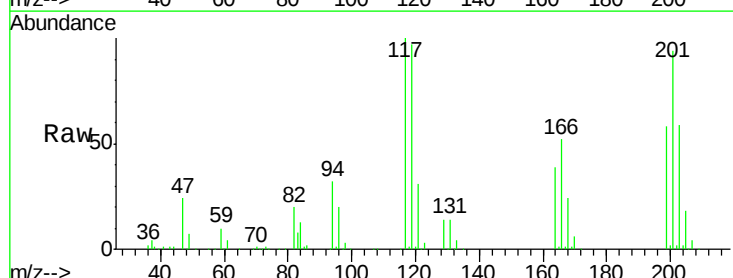


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

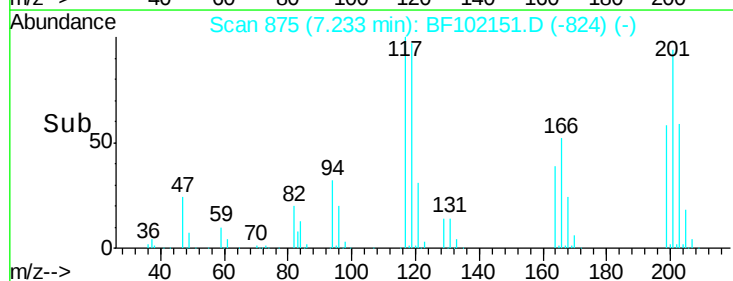
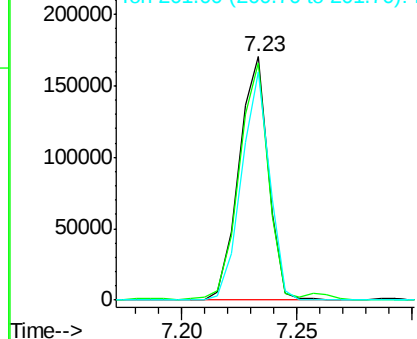


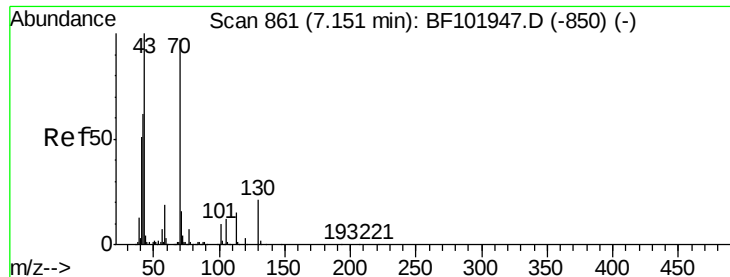
#18
Hexachloroethane
Concen: 33.687 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:117 Resp: 150934
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
201 93.6 75.7 113.5



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

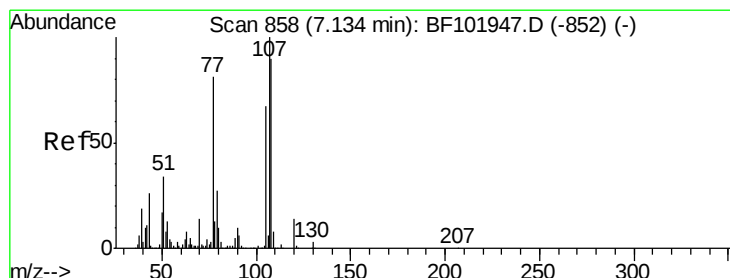
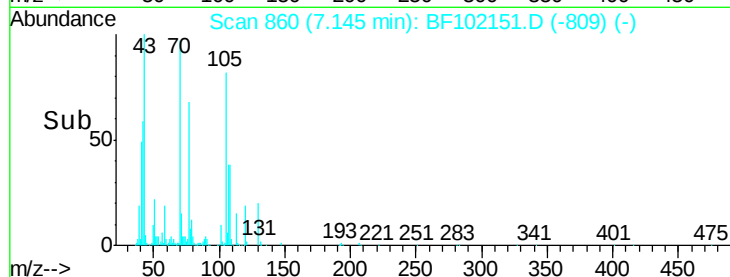
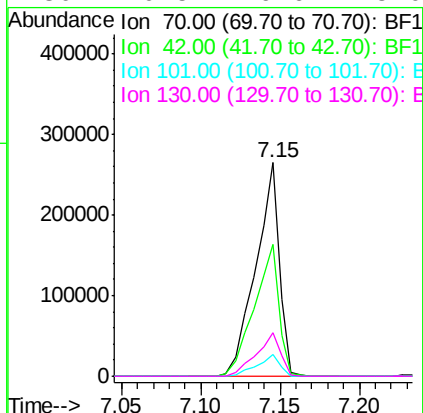
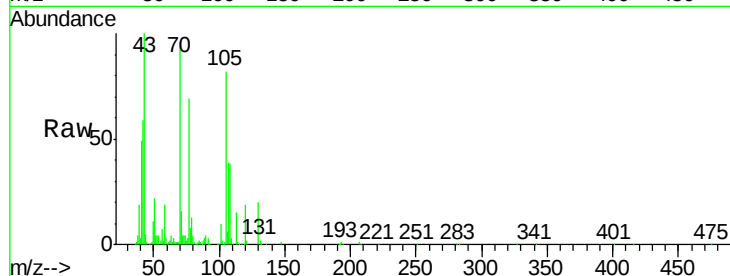




#19
n-Nitroso-di-n-propylamine
Concen: 32.005 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

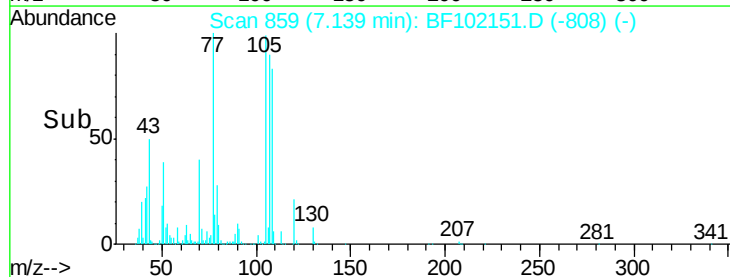
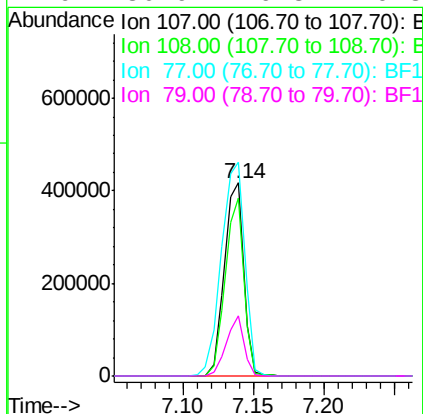
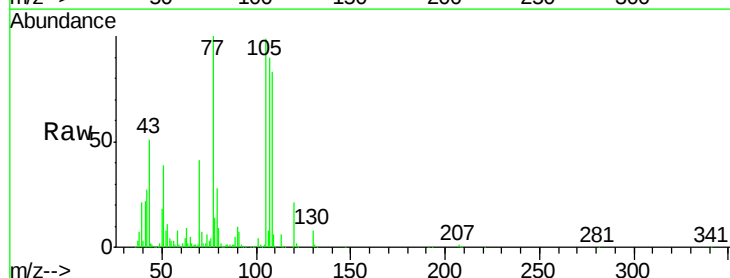
Instrument :
BNA_F
ClientSampleId :

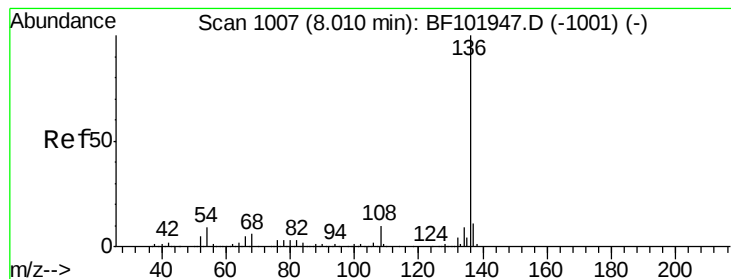
Tot Ion: 70 Resp: 275984
Ion Ratio Lower Upper
70 100
42 61.5 47.5 71.3
101 10.1 7.4 11.2
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.269 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion: 107 Resp: 398591
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 110.6 26.7 66.7#
79 30.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 653416

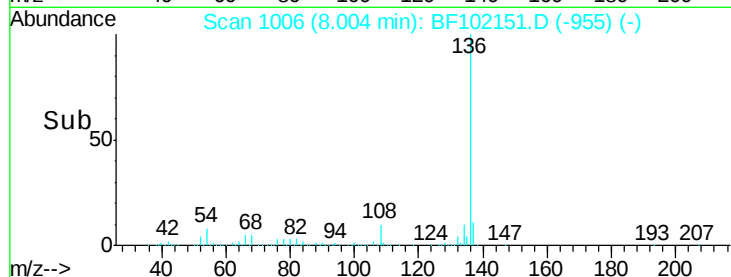
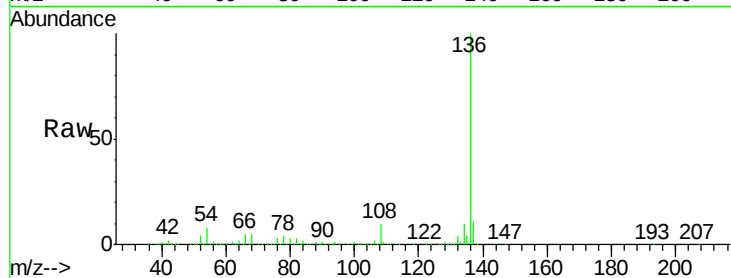
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 5.2 5.0 7.4

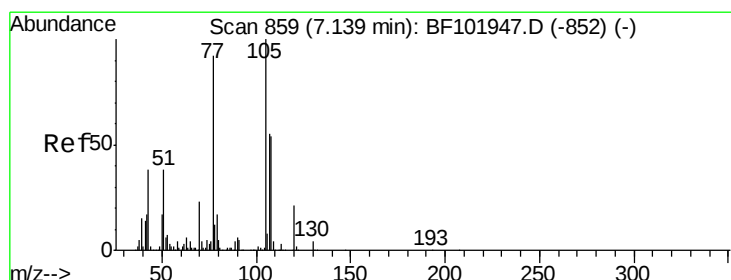
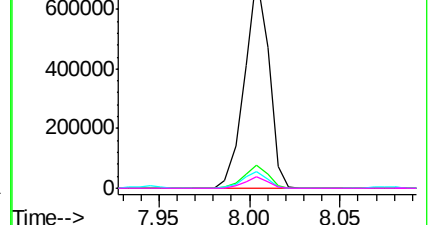


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.486 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Tgt Ion:105 Resp: 558669

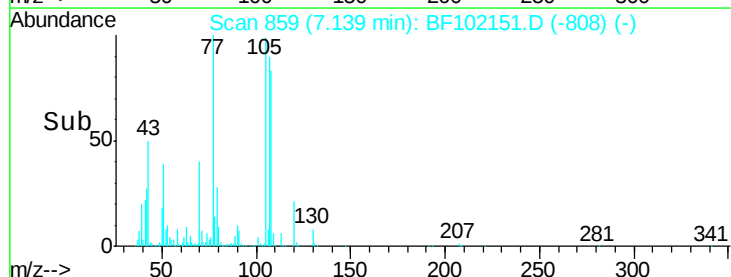
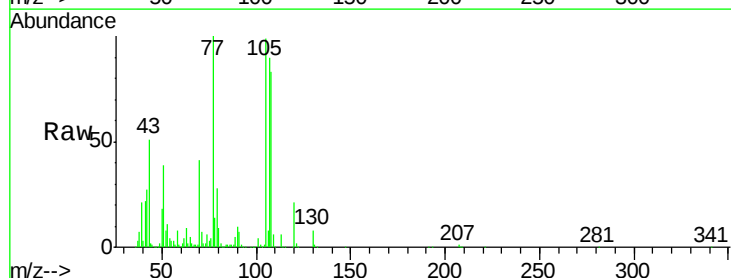
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 38.9 22.3 33.5#

120 21.1 16.9 25.3

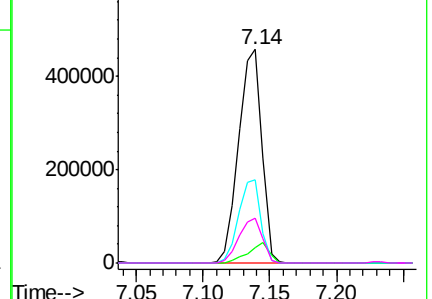


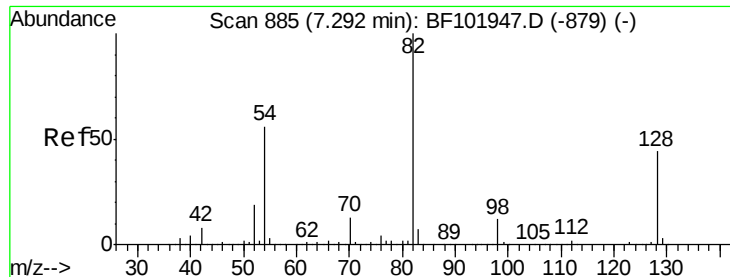
Abundance Ion 105.00 (104.70 to 105.70): E

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

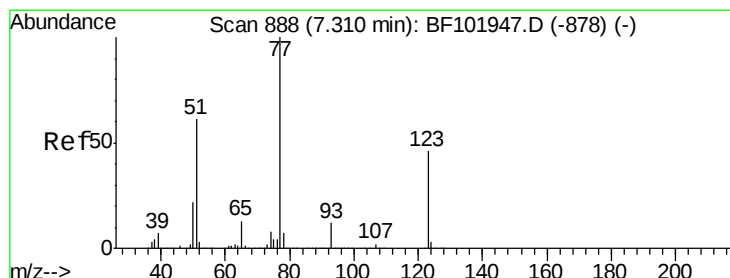
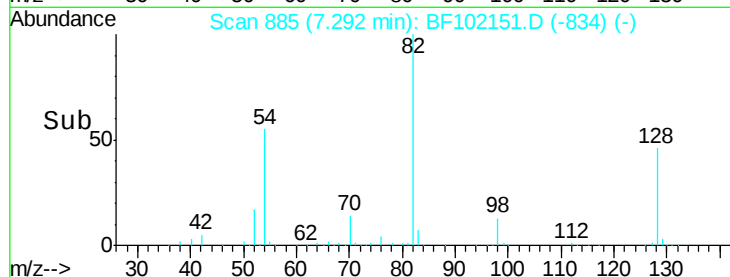
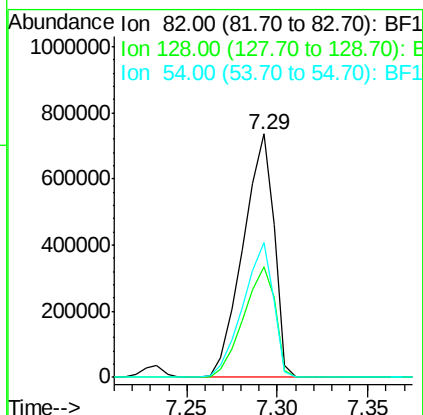
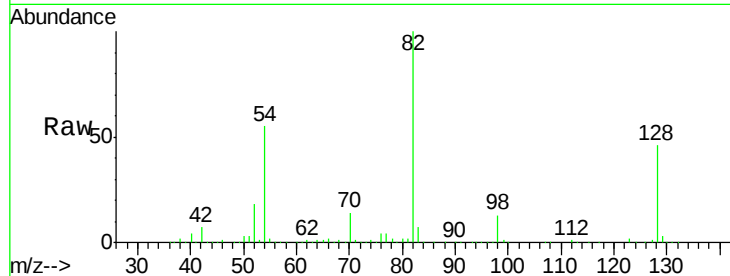




#23
 Nitrobenzene-d5
 Concen: 78.748 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

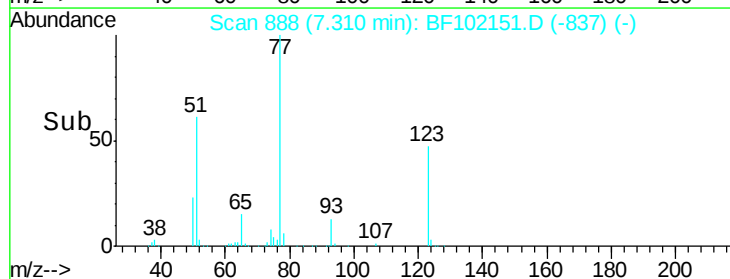
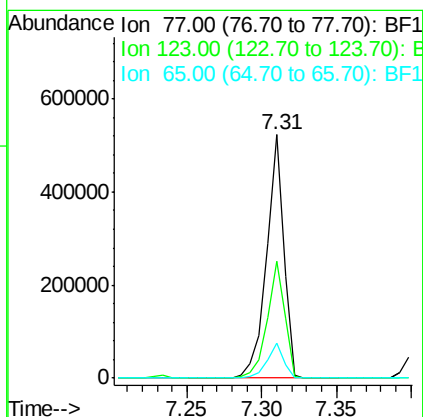
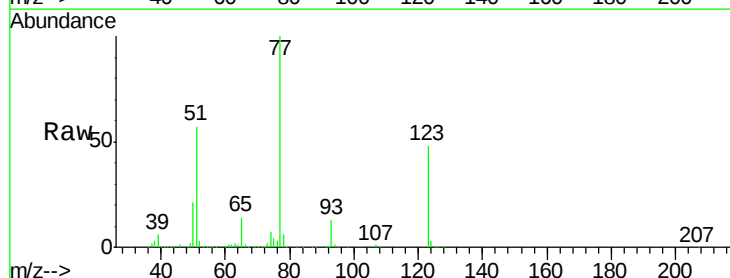
Instrument :
 BNA_F
 ClientSampled :

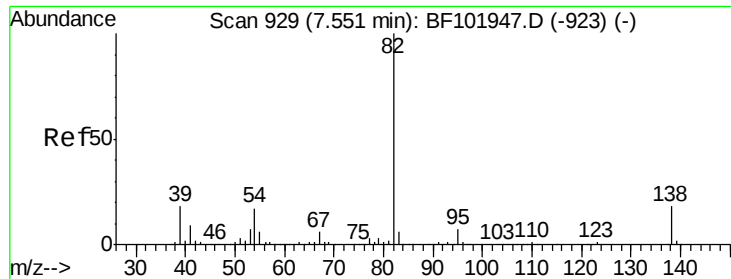
Tot Ion: 82 Resp: 875627
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 55.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 34.614 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion: 77 Resp: 413575
 Ion Ratio Lower Upper
 77 100
 123 47.8 37.9 56.9
 65 14.2 11.0 16.4





#25

Isophorone

Concen: 34.801 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

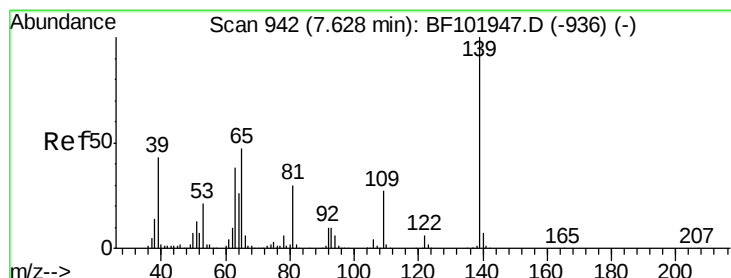
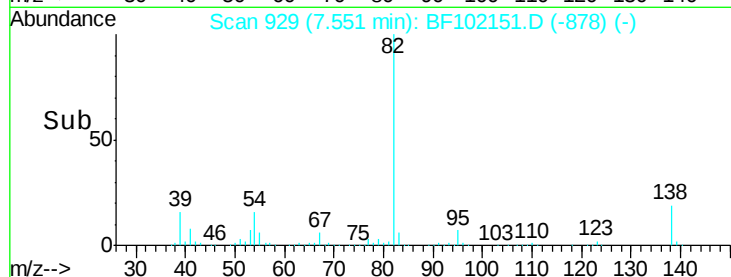
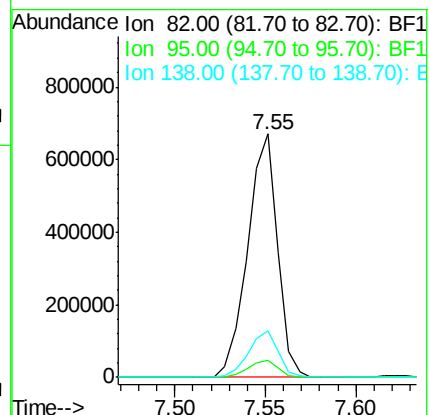
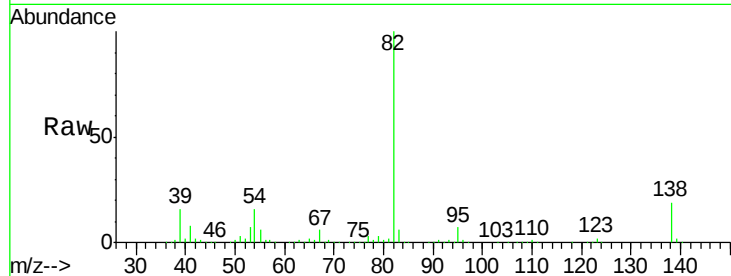
Tot Ion: 82 Resp: 764612

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 46.278 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

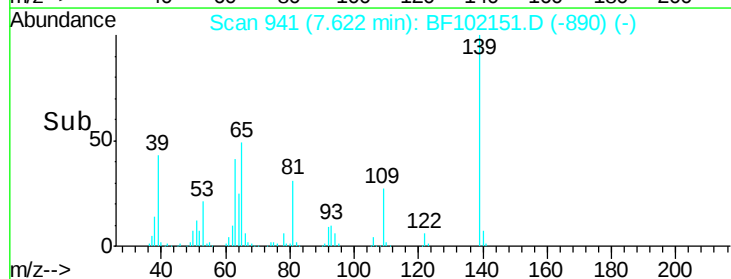
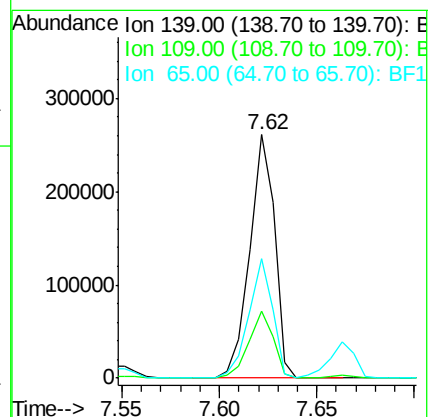
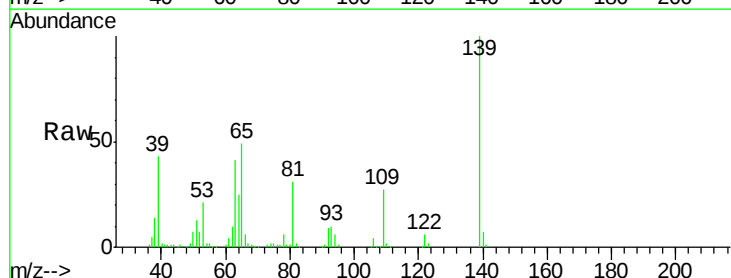
Tgt Ion: 139 Resp: 231430

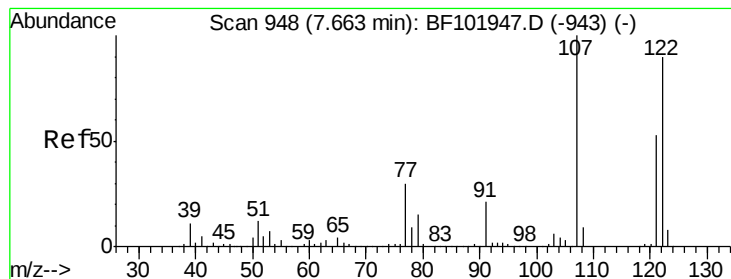
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 49.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.245 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampled :

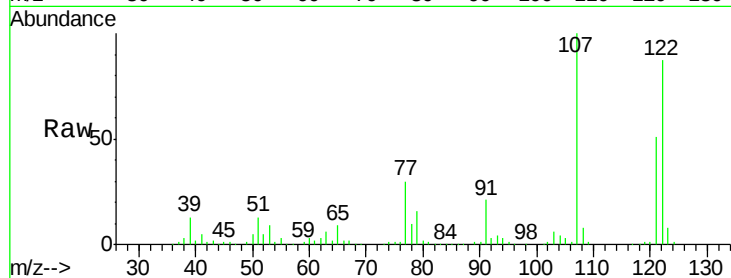
Tot Ion:122 Resp: 366535

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

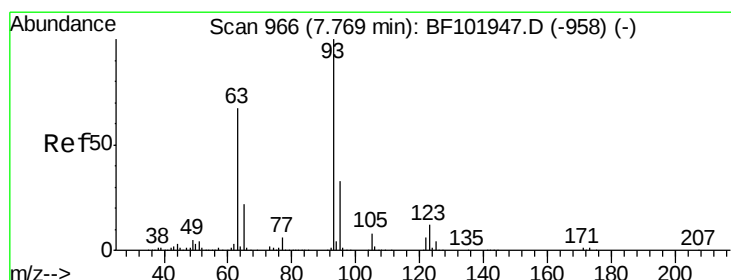
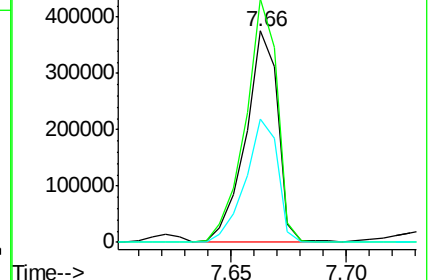
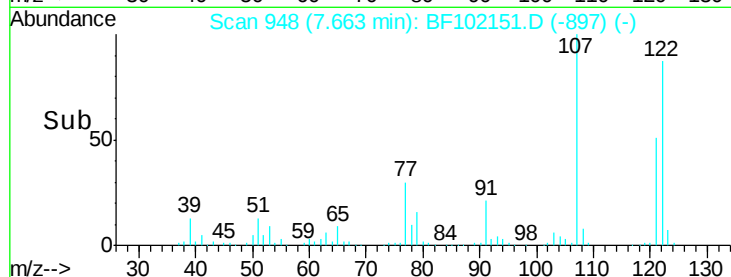
121 58.5 47.2 70.8



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: 35.715 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

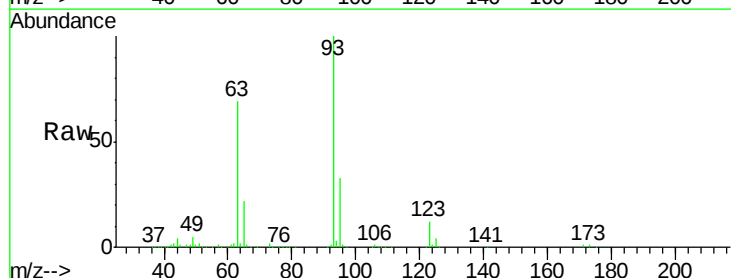
Tgt Ion: 93 Resp: 473789

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

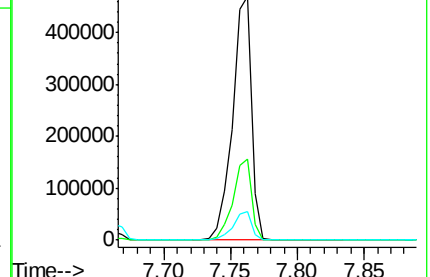
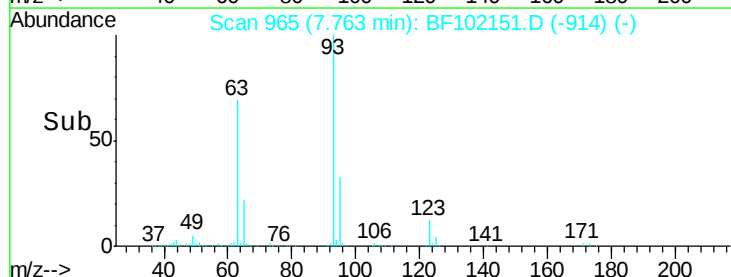
123 11.8 9.8 14.6

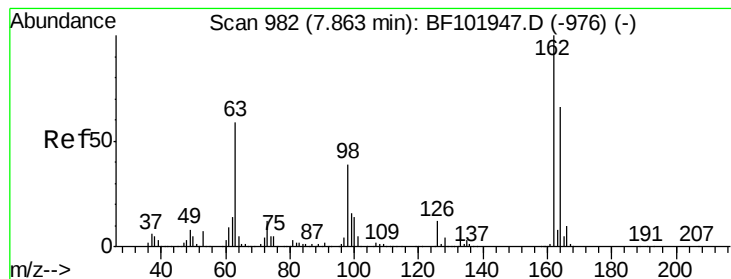


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.829 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

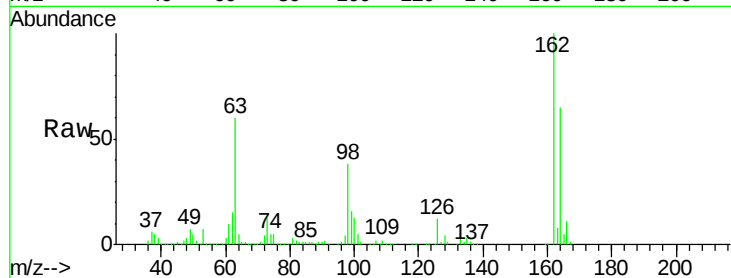
Tot Ion:162 Resp: 344349

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

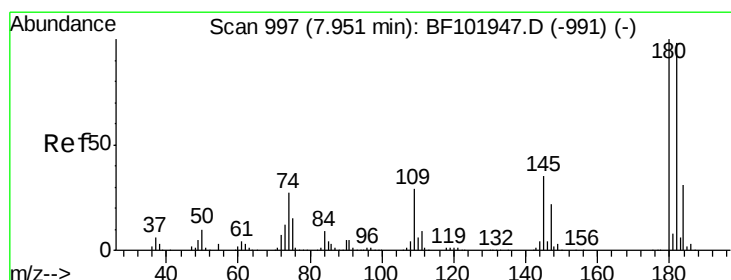
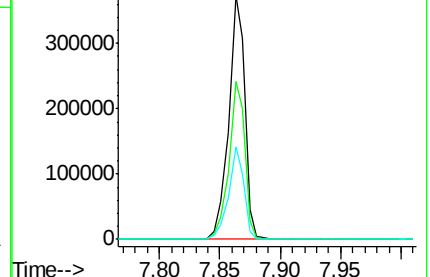
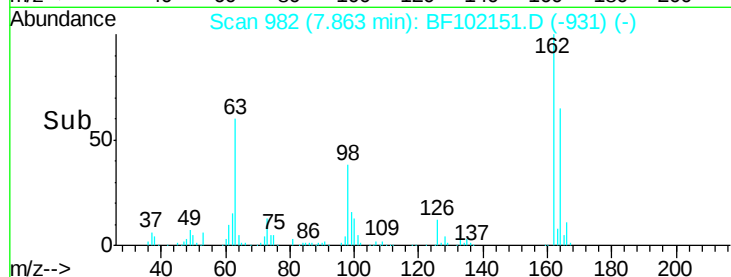
98 38.2 18.1 58.1



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: 35.489 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

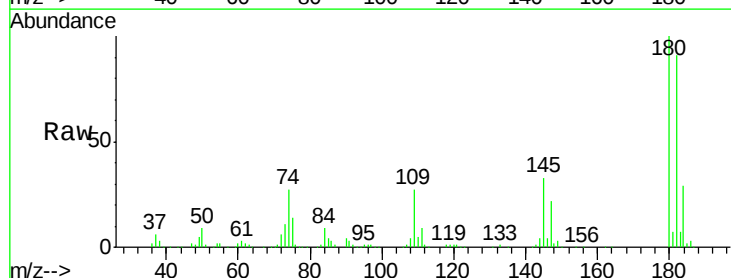
Tgt Ion:180 Resp: 329200

Ion Ratio Lower Upper

180 100

182 91.2 76.8 115.2

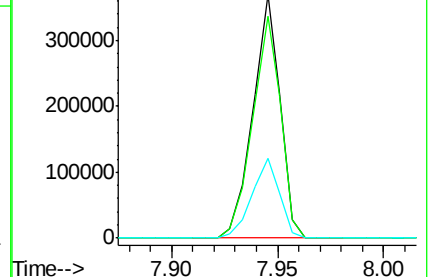
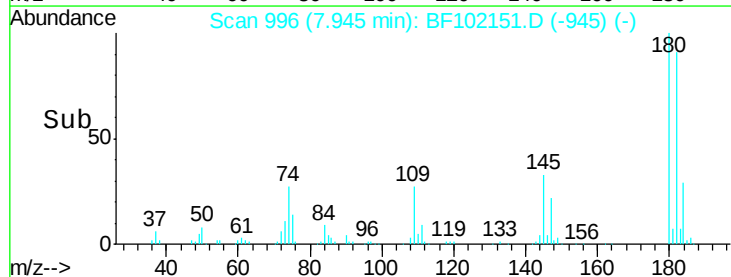
145 32.8 26.5 39.7

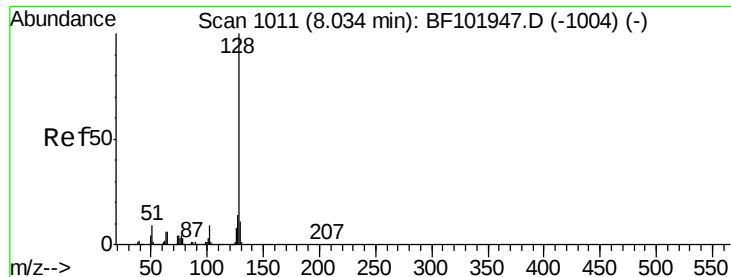


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.840 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

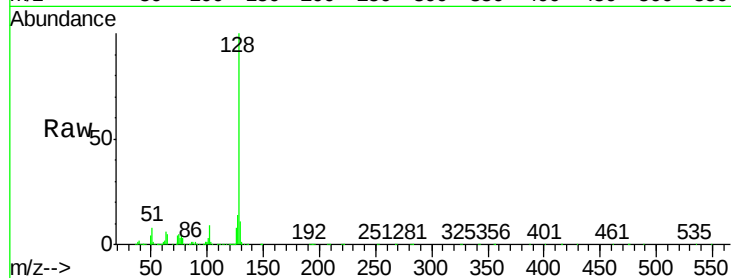
Tot Ion:128 Resp: 1104884

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

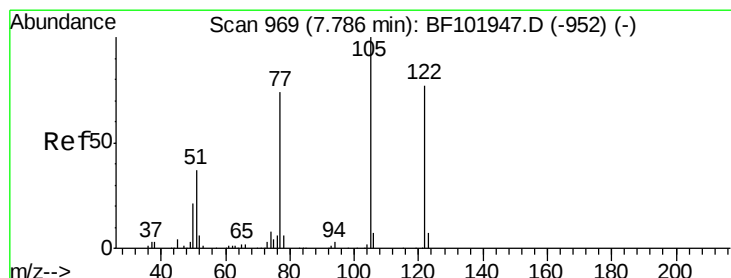
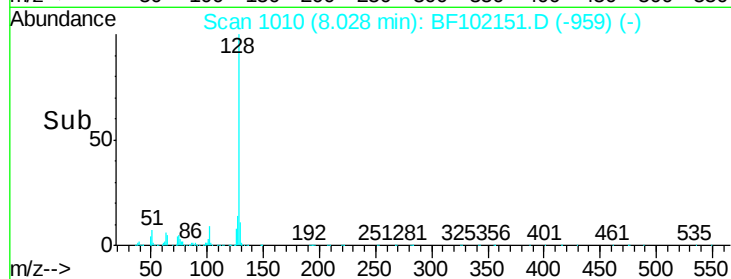
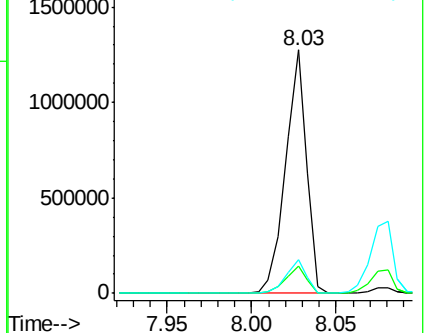
127 13.7 10.9 16.3



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: 5.095 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

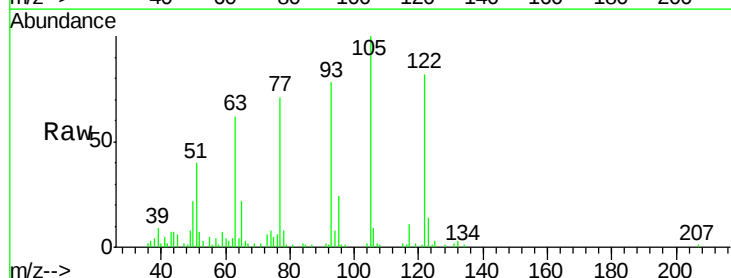
Tgt Ion:122 Resp: 36087

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

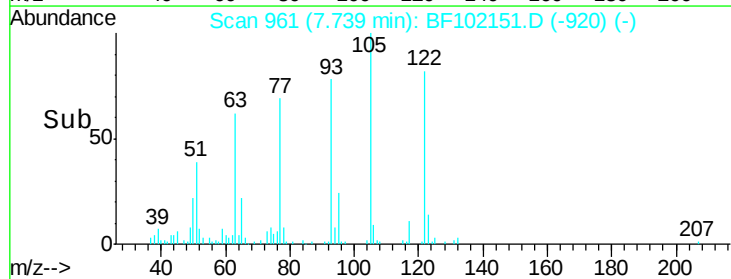
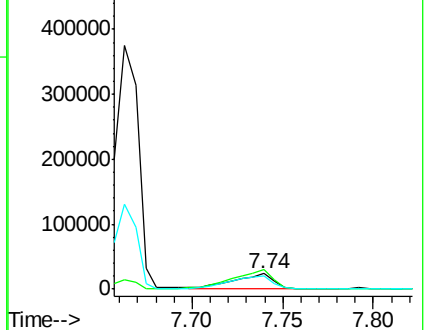
77 86.5 70.7 110.7

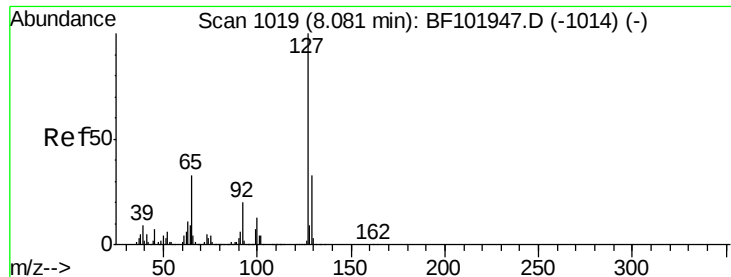


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

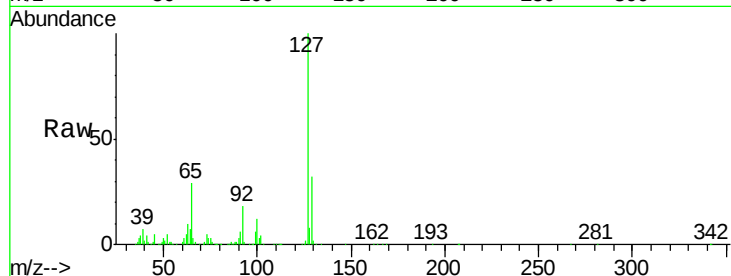




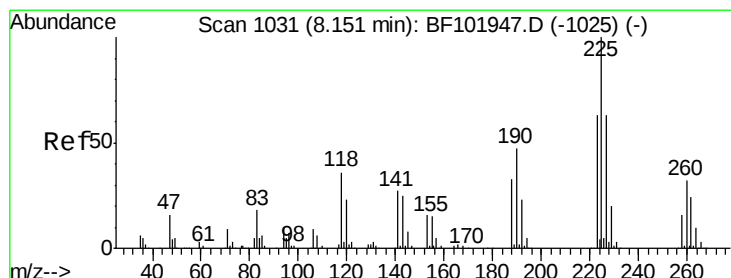
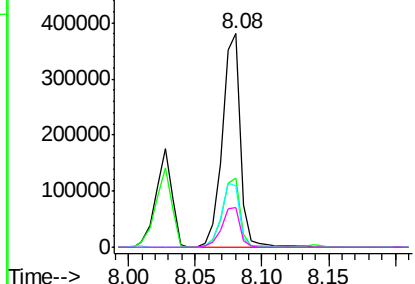
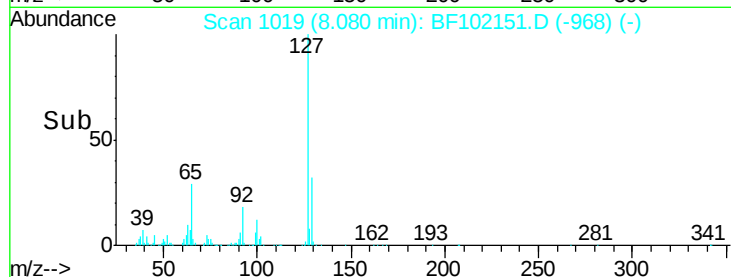
#33
4-Chloroaniline
Concen: 26.222 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	365426
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.9 38.9
65	28.6	25.0 37.4
92	18.3	15.2 22.8

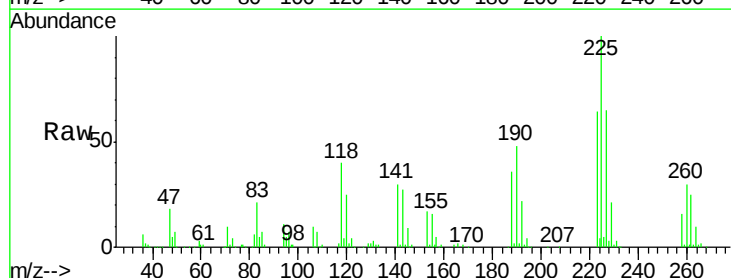


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

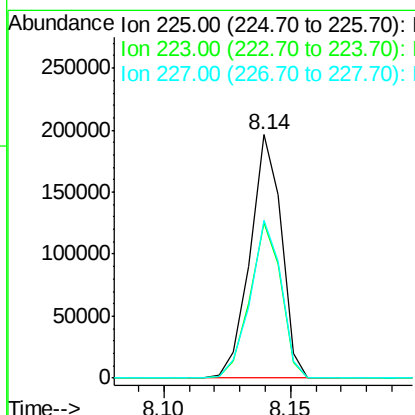
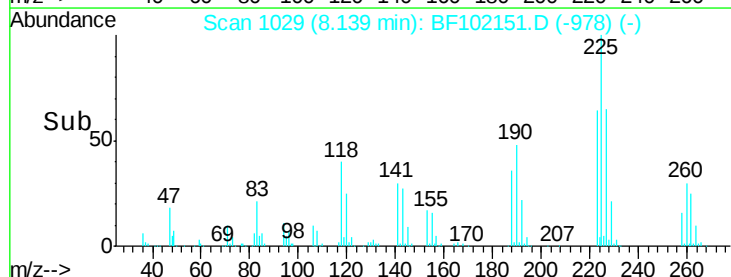


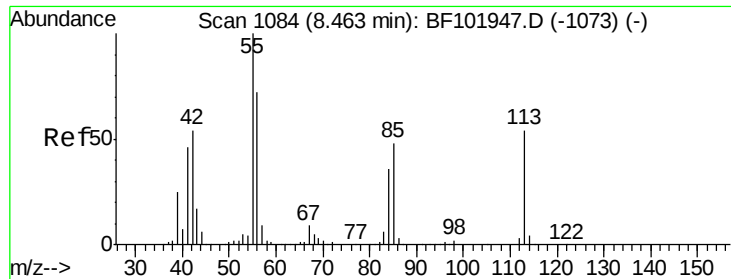
#34
Hexachlorobutadiene
Concen: 34.354 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:225	Resp:	168684
Ion Ratio	Lower	Upper
225	100	
223	63.7	50.6 76.0
227	64.9	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

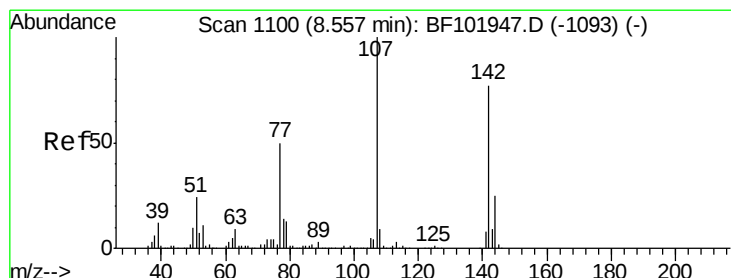
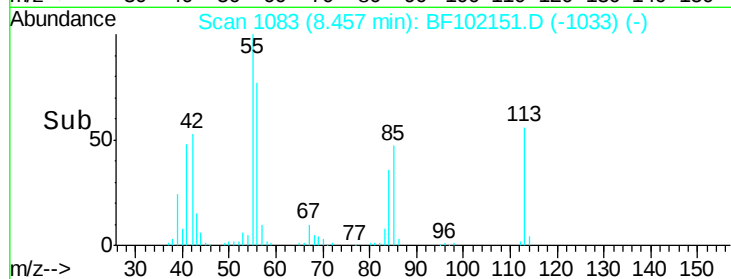
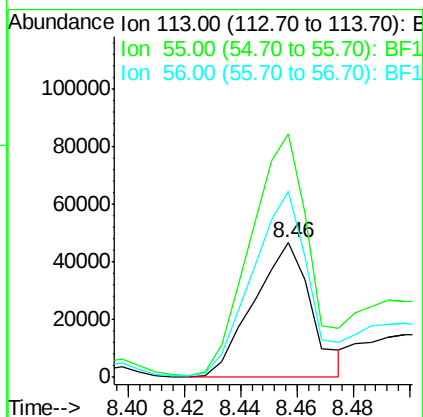
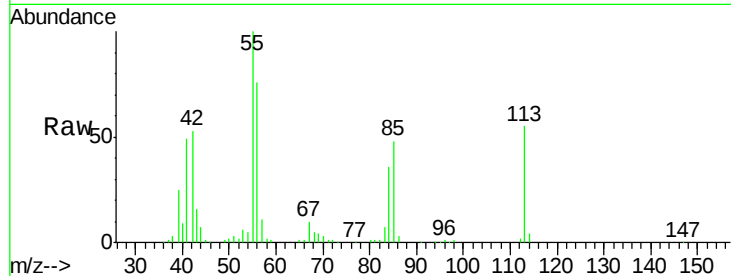




#35
 Caprolactam
 Concen: 21.672 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

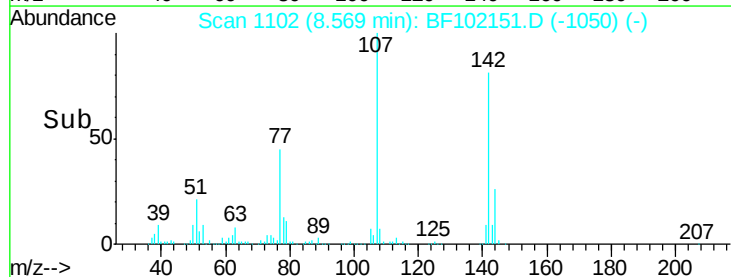
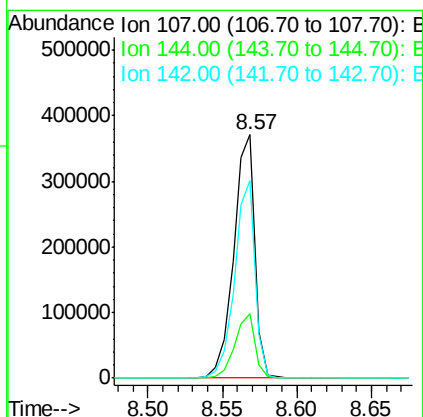
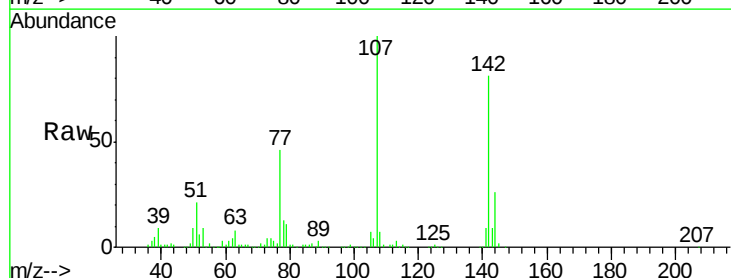
Instrument :
 BNA_F
 ClientSampleId :

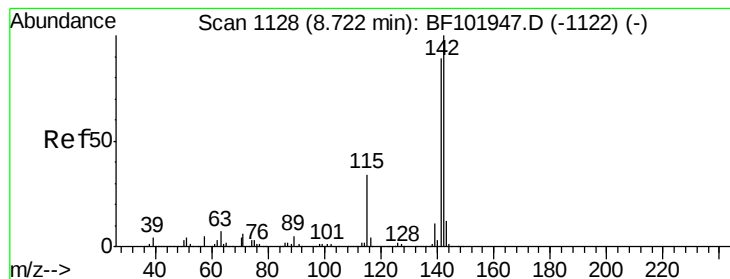
Tot Ion:113 Resp: 65980
 Ion Ratio Lower Upper
 113 100
 55 180.7 163.3 203.3
 56 138.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.004 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion:107 Resp: 368929
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 81.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.024 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

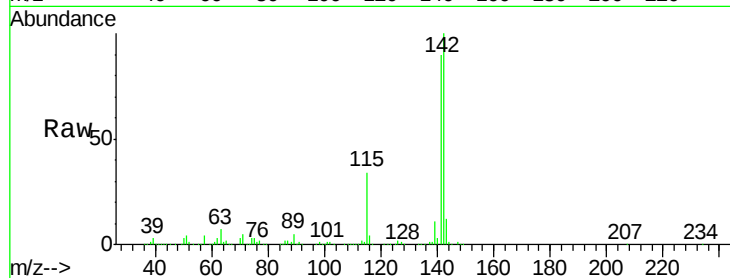
Tot Ion:142 Resp: 774327

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

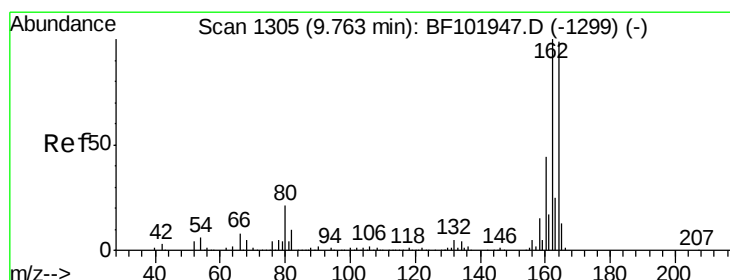
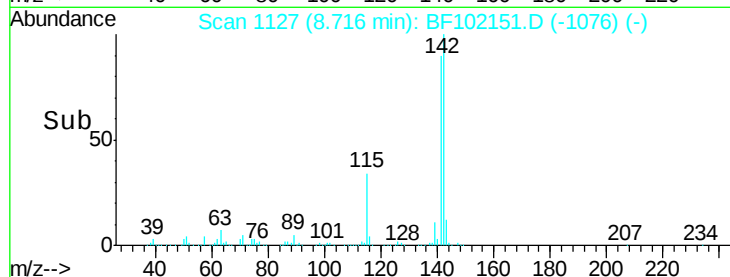
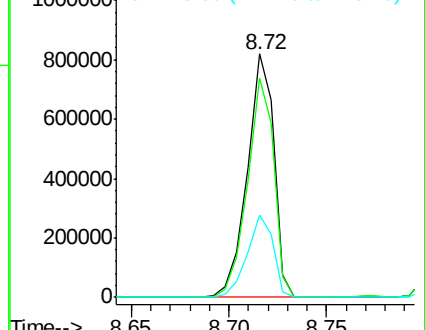
115 34.0 26.1 39.1



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: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

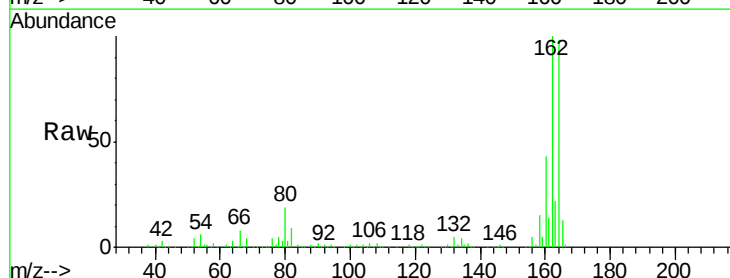
Tgt Ion:164 Resp: 292951

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

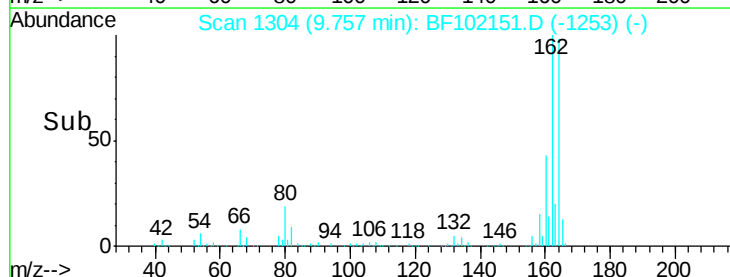
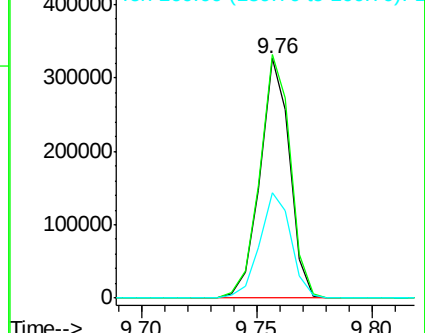
160 43.9 38.3 57.5

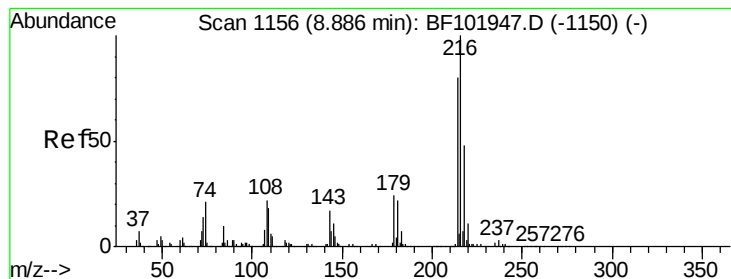


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.121 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 307652

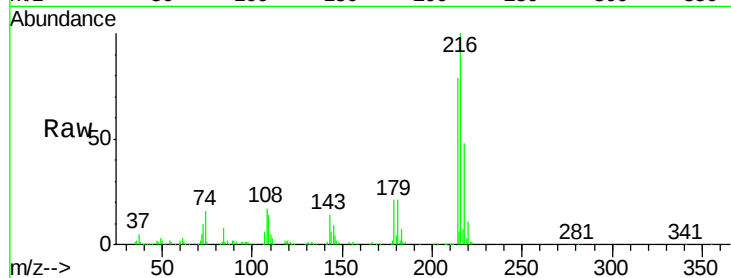
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.6 18.1 27.1

108 23.3 17.2 25.8

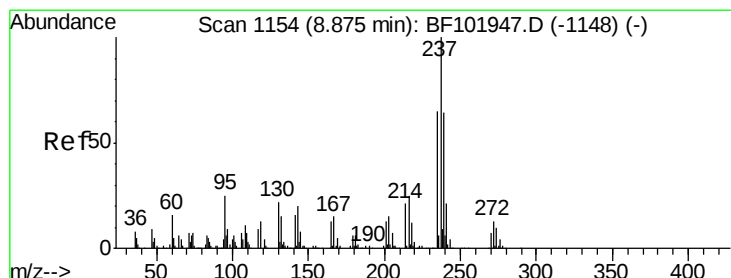
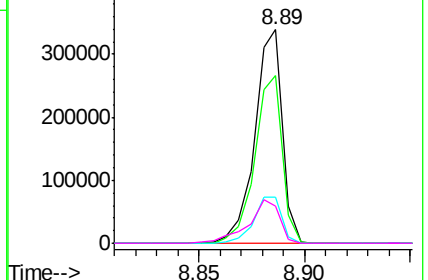
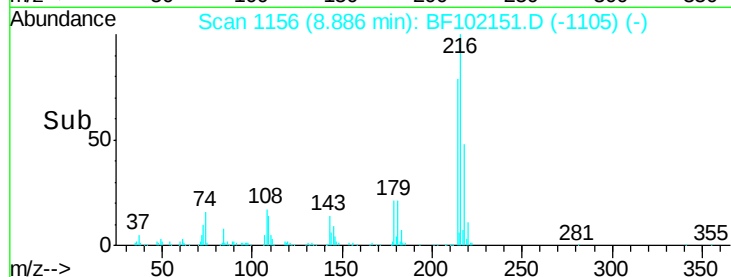


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.386 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

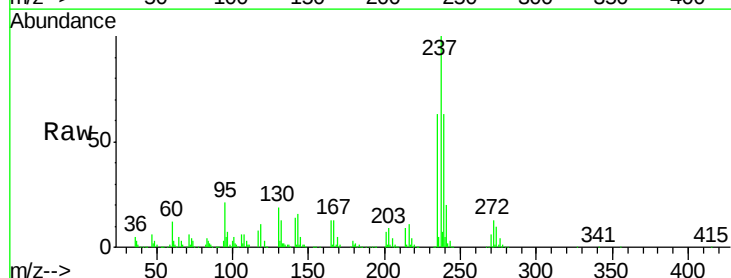
Tgt Ion:237 Resp: 282764

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

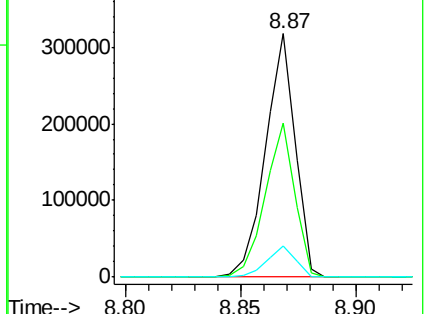
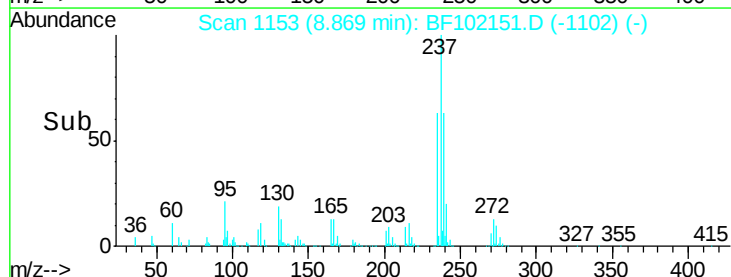
272 12.9 0.0 33.3

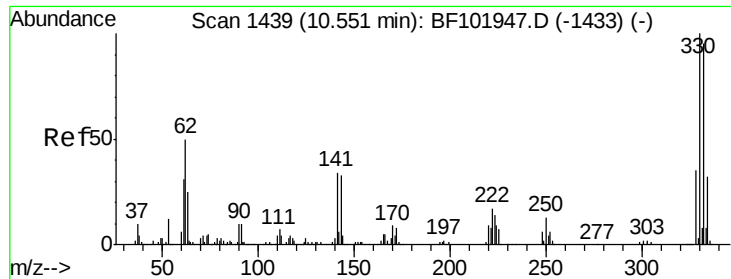


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

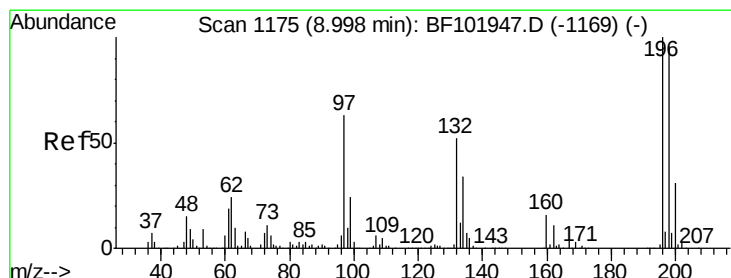
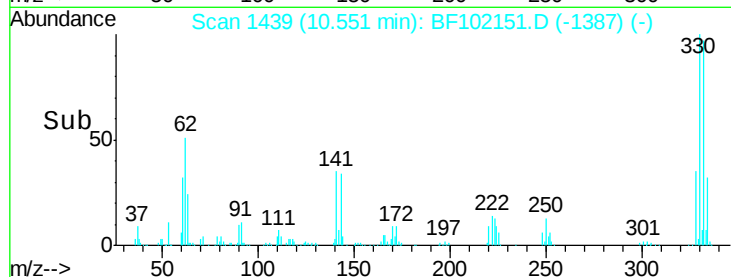
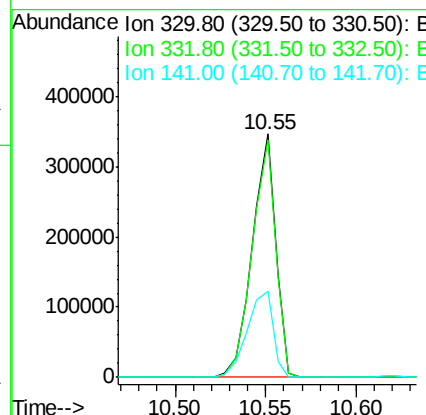
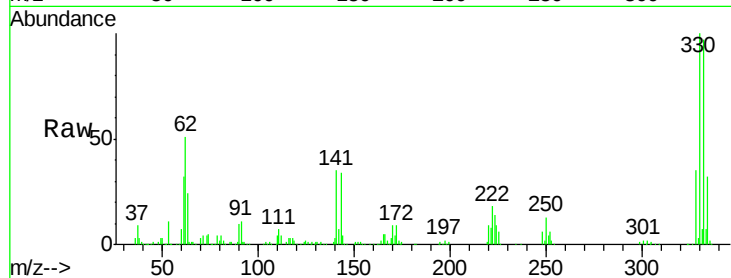




#41
 2,4,6-Tribromophenol
 Concen: 122.870 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

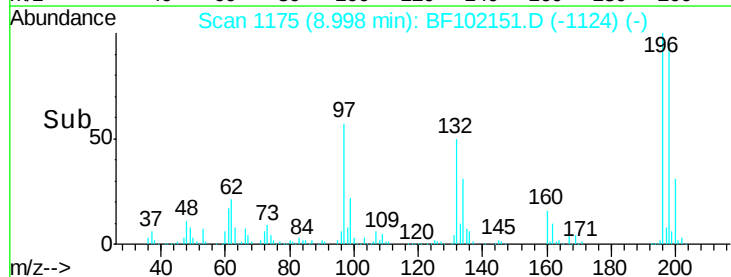
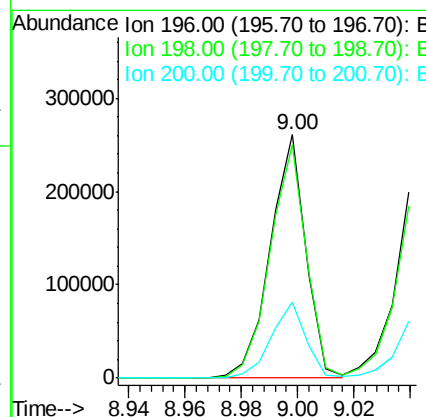
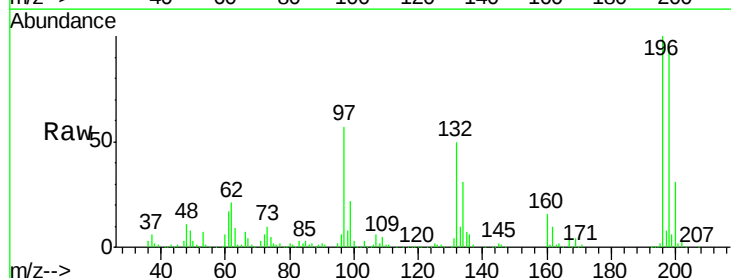
Instrument :
 BNA_F
 ClientSampleId :

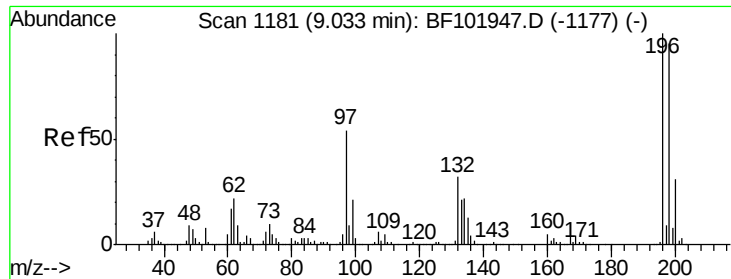
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	39.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.946 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	31.0	24.5	36.7

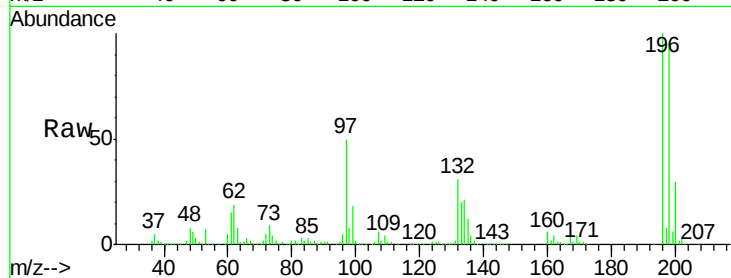




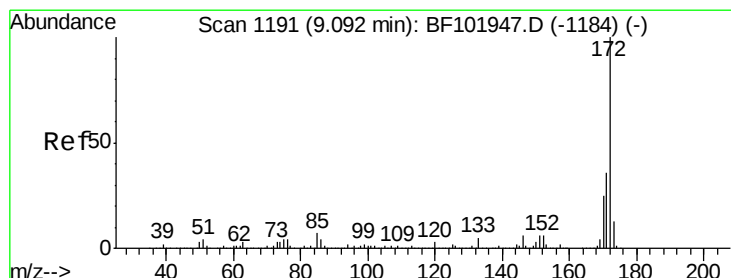
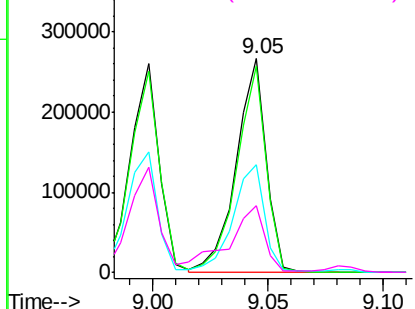
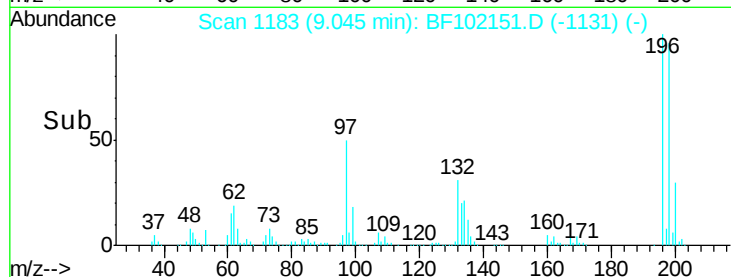
#43
 2,4,5-Trichlorophenol
 Concen: 37.327 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	240950
Ion Ratio	Lower	Upper
196	100	
198	96.4	74.6 112.0
97	50.5	42.9 64.3
132	30.9	26.3 39.5

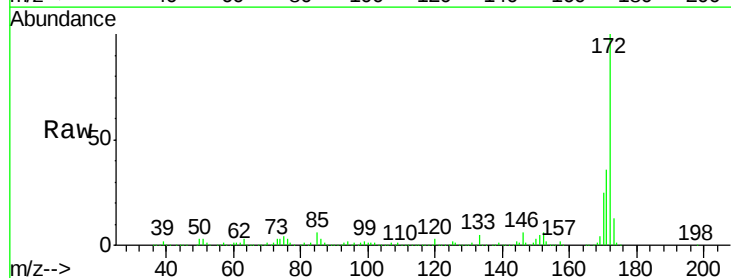


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

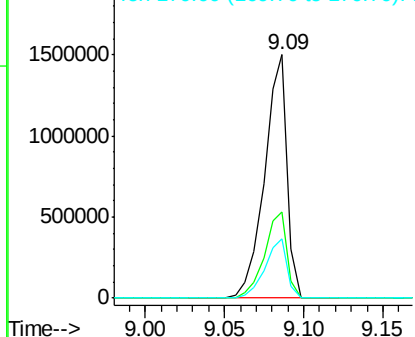
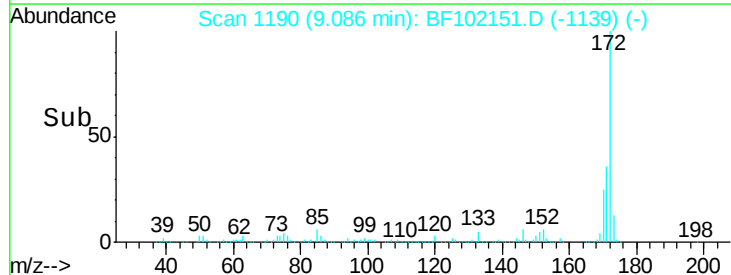


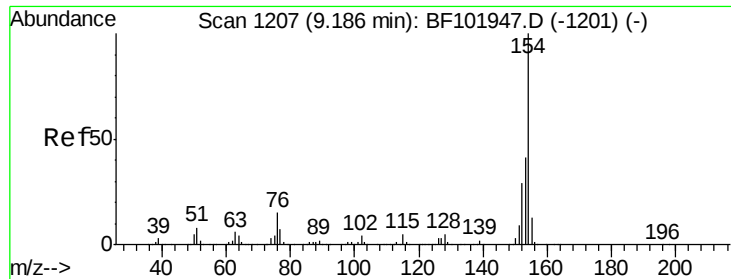
#44
 2-Fluorobiphenyl
 Concen: 79.209 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion:172	Resp:	1485295
Ion Ratio	Lower	Upper
172	100	
171	35.5	29.7 44.5
170	24.6	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 35.303 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

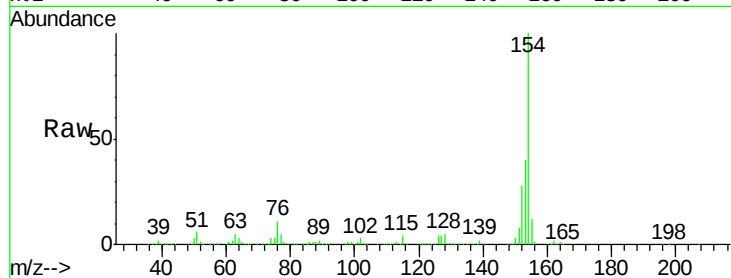
Tot Ion:154 Resp: 914115

Ion Ratio Lower Upper

154 100

153 39.6 21.3 61.3

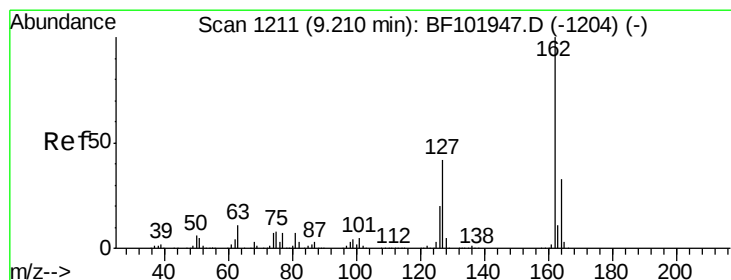
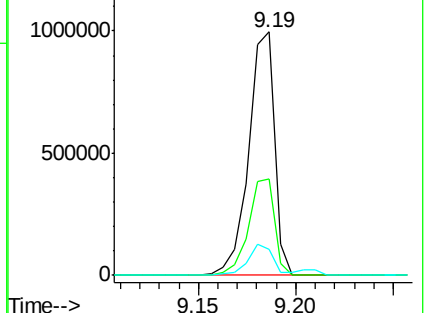
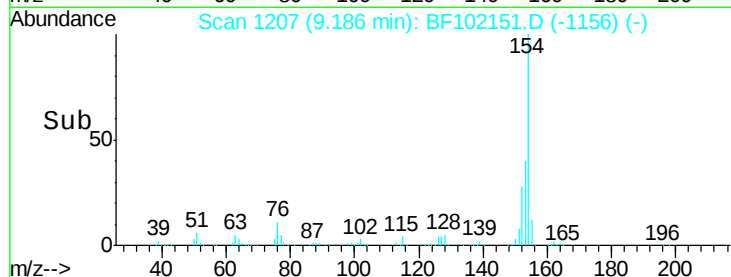
76 10.5 0.0 34.0



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: 34.713 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

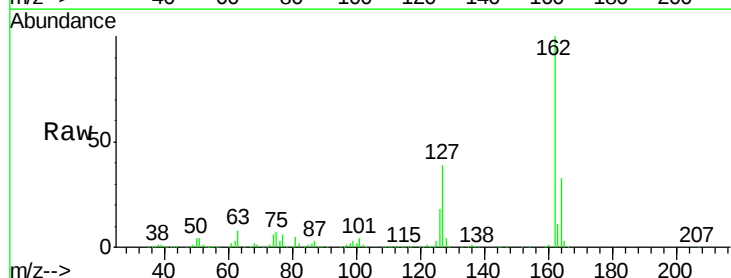
Tgt Ion:162 Resp: 697025

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

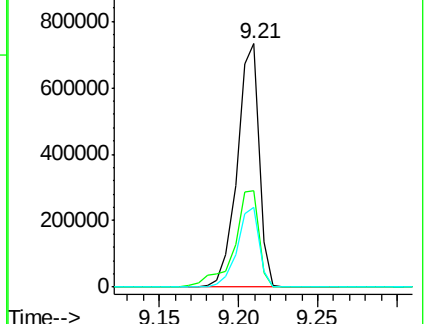
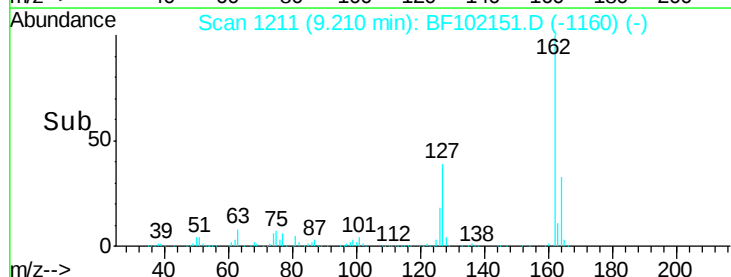
164 33.0 26.5 39.7

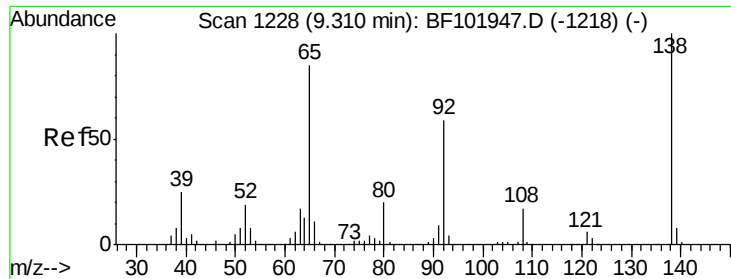


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

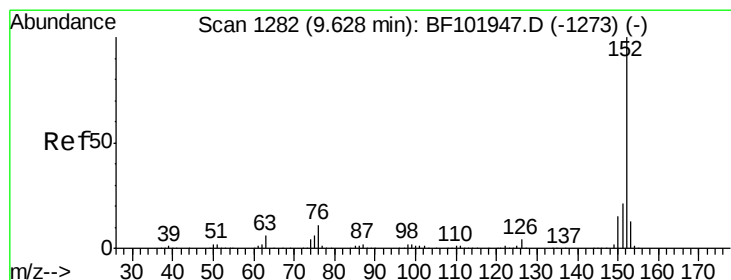
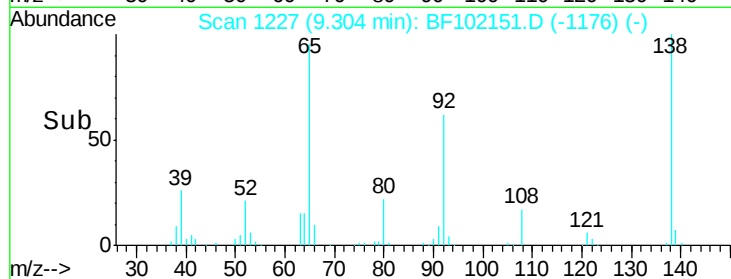
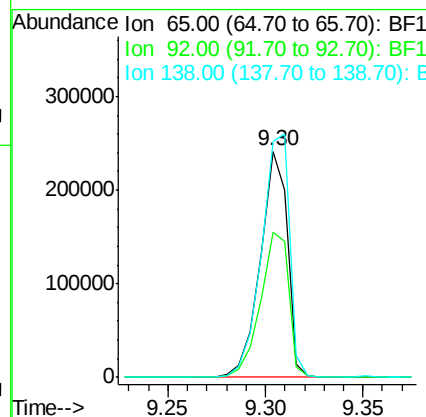
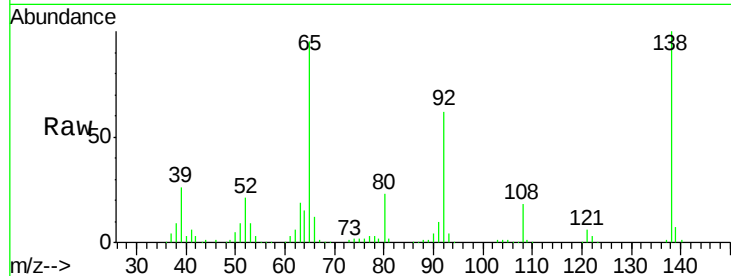




#47
2-Nitroaniline
Concen: 38.493 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

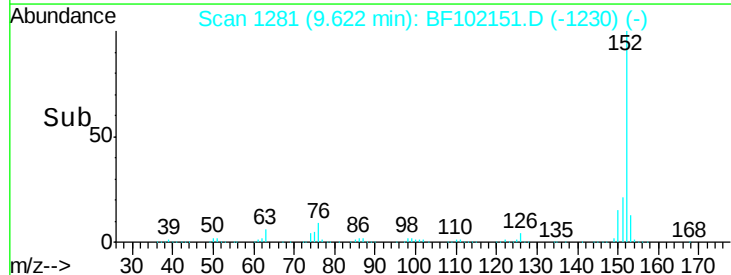
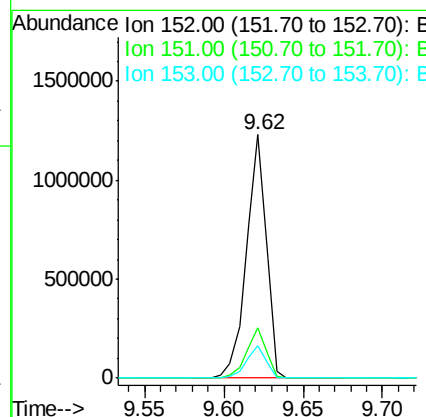
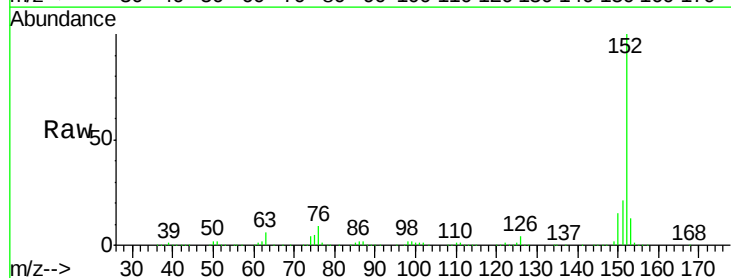
Instrument :
BNA_F
ClientSampleId :

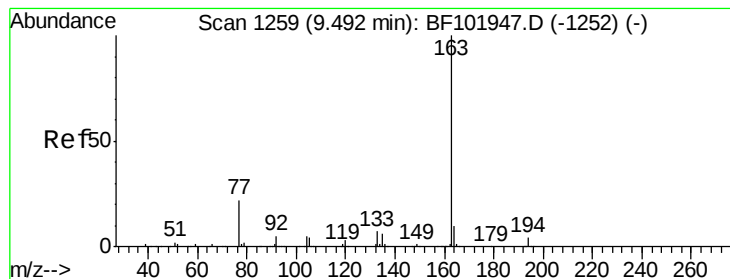
Tot Ion: 65 Resp: 231529
Ion Ratio Lower Upper
65 100
92 64.5 55.8 83.6
138 104.8 91.2 136.8



#48
Acenaphthylene
Concen: 33.228 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion: 152 Resp: 1058834
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 41.365 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

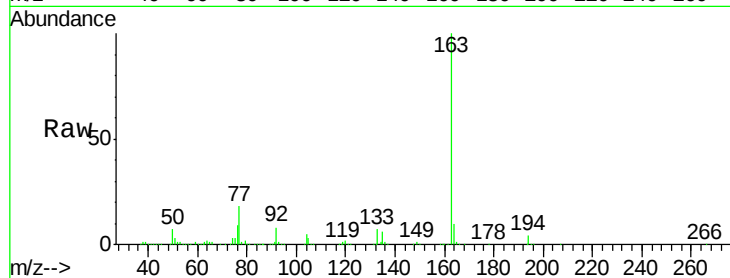
Tot Ion:163 Resp: 972102

Ion Ratio Lower Upper

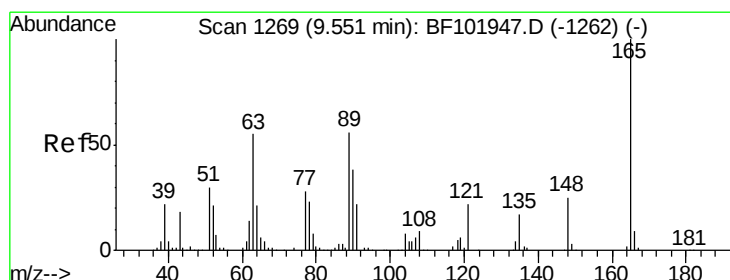
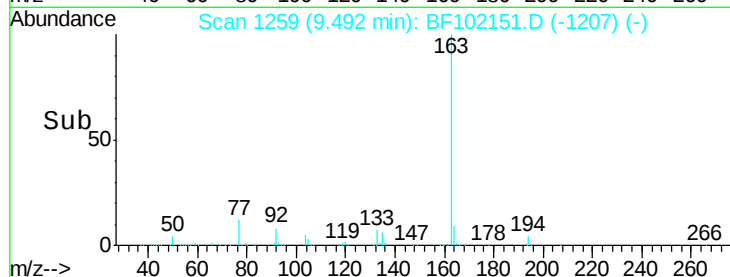
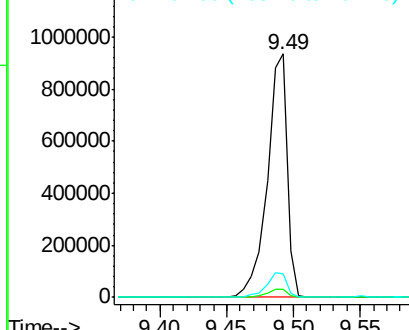
163 100

194 3.6 2.7 4.1

164 9.9 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: 40.022 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

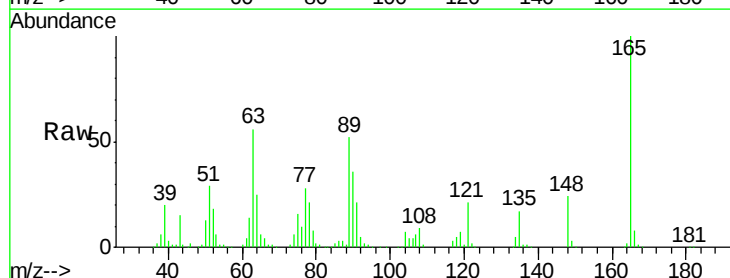
Tgt Ion:165 Resp: 187876

Ion Ratio Lower Upper

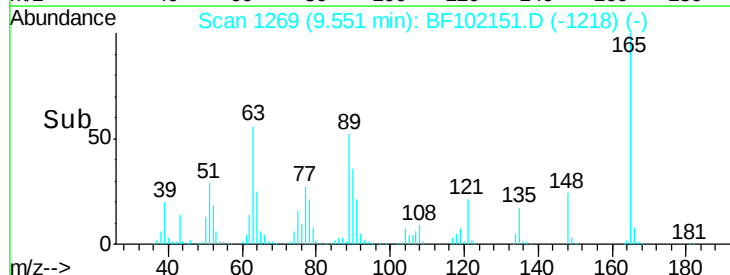
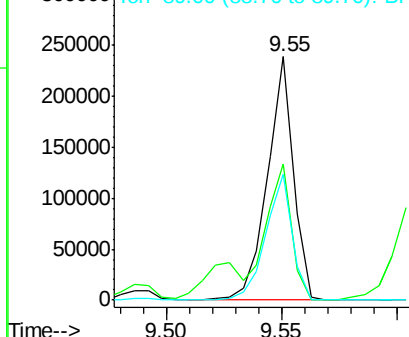
165 100

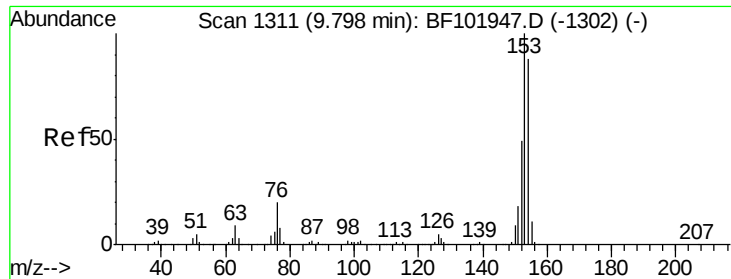
63 56.0 44.7 67.1

89 51.9 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: 31.879 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

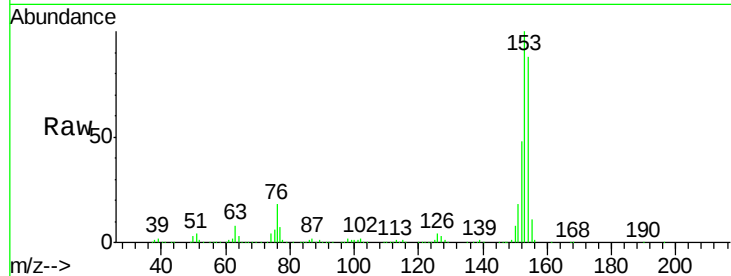
Tot Ion:154 Resp: 616590

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

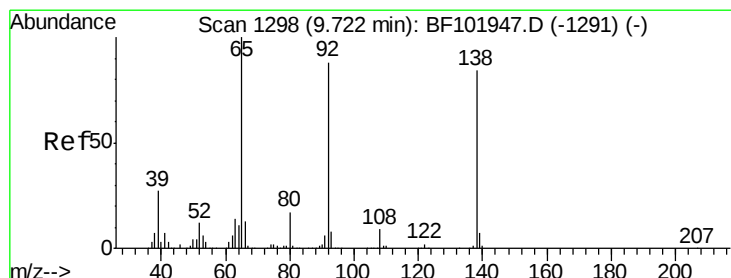
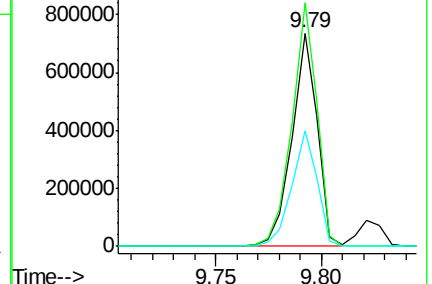
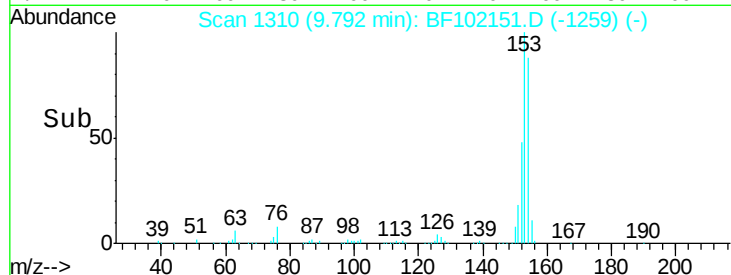
152 54.3 43.8 65.8



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: 28.677 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

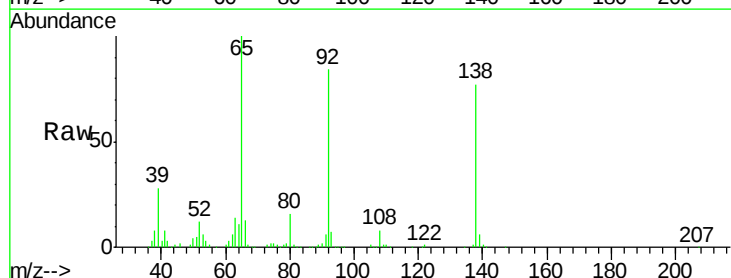
Tgt Ion:138 Resp: 169897

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

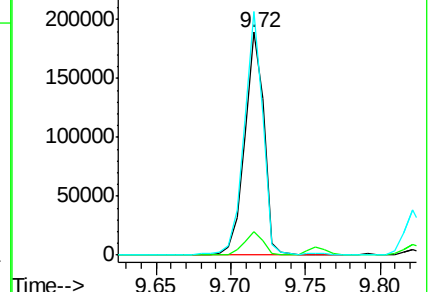
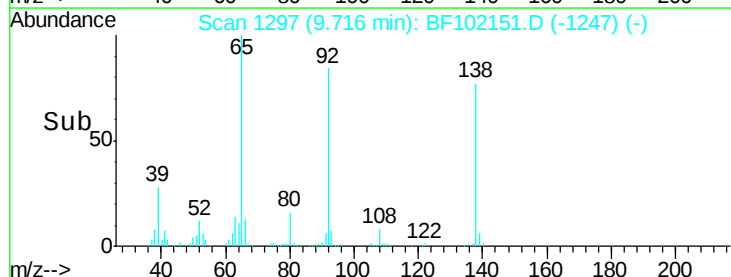
92 109.3 89.4 134.2

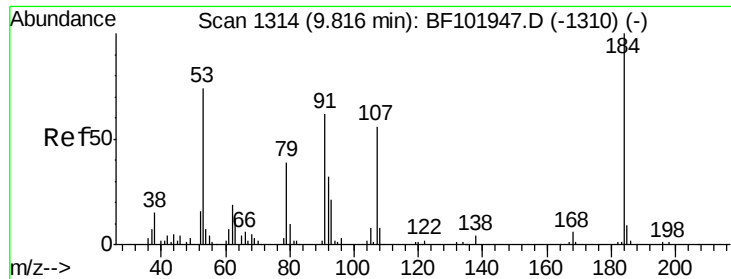


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

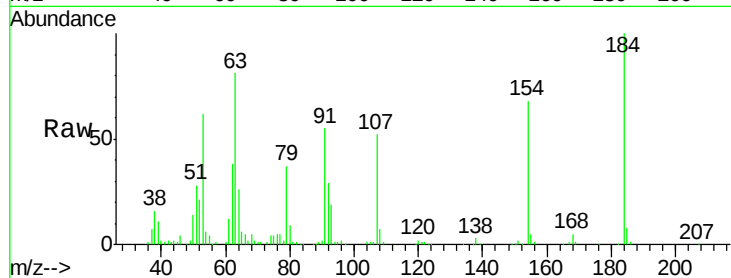




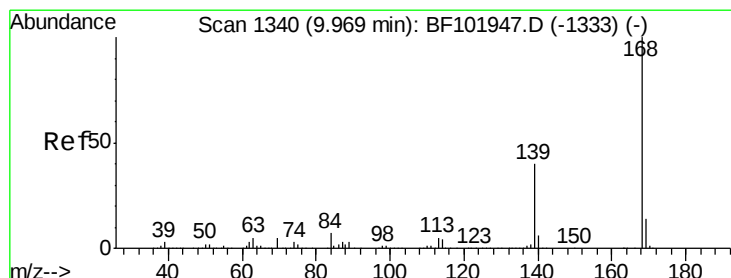
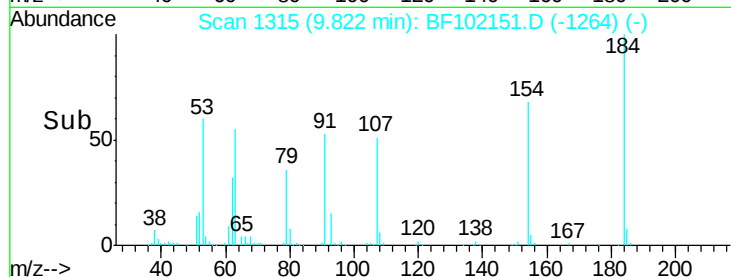
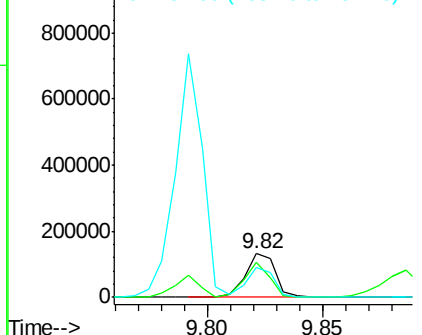
#53
2,4-Dinitrophenol
Concen: 67.565 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 118502
Ion Ratio Lower Upper
184 100
63 81.2 54.2 81.2
154 68.0 184.0 276.0#

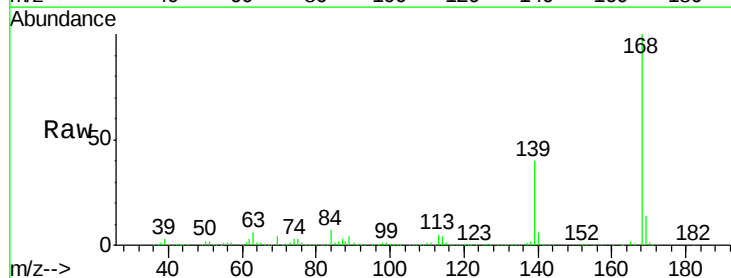


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

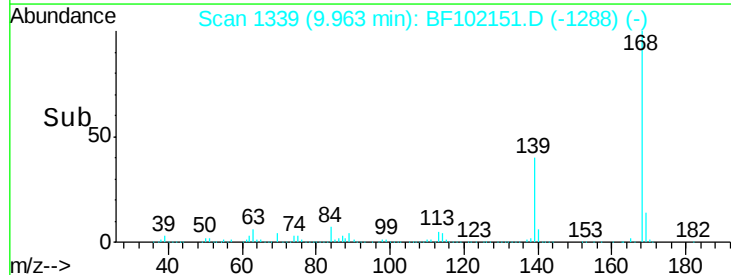
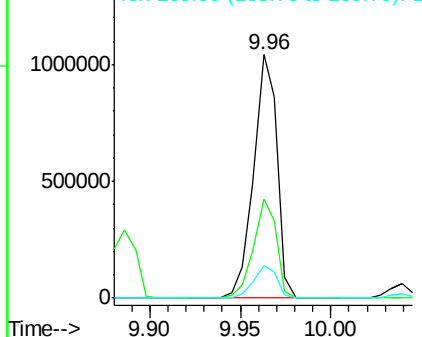


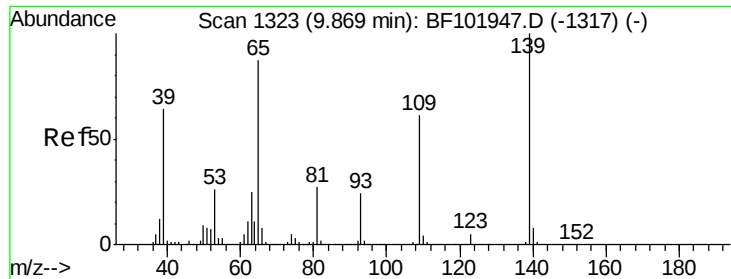
#54
Dibenzofuran
Concen: 35.163 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:168 Resp: 933393
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 13.5 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

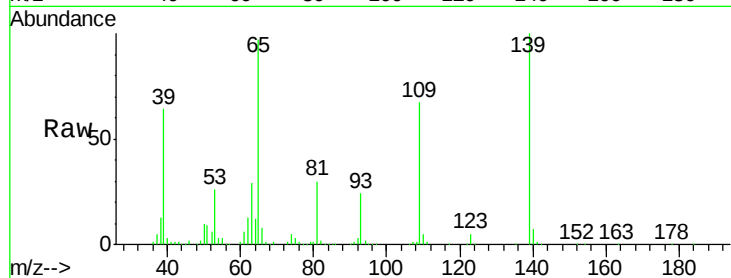




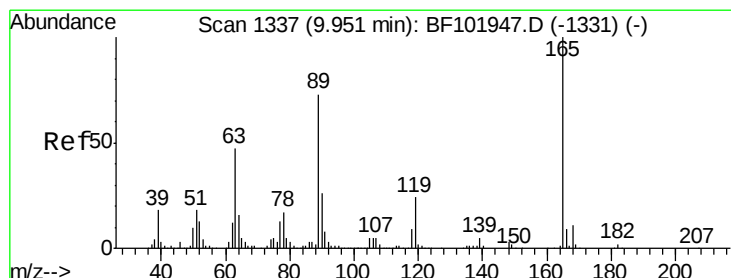
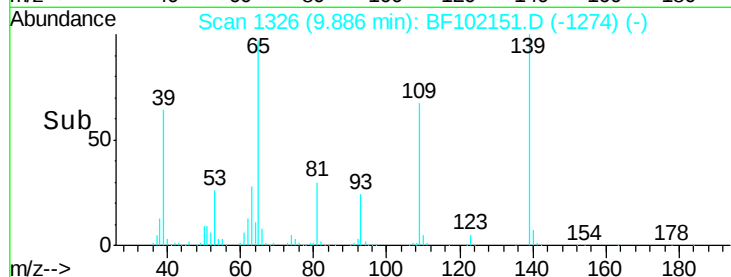
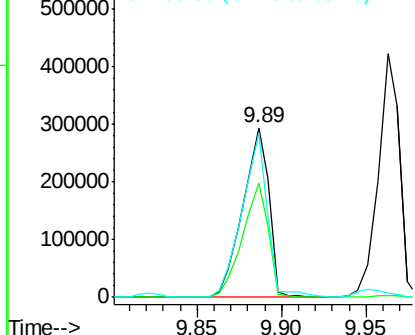
#55
4-Nitrophenol
Concen: 72.796 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 321404
Ion Ratio Lower Upper
139 100
109 67.1 48.4 88.4
65 96.8 72.6 112.6

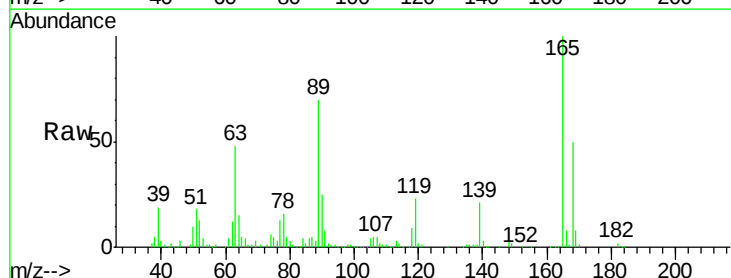


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

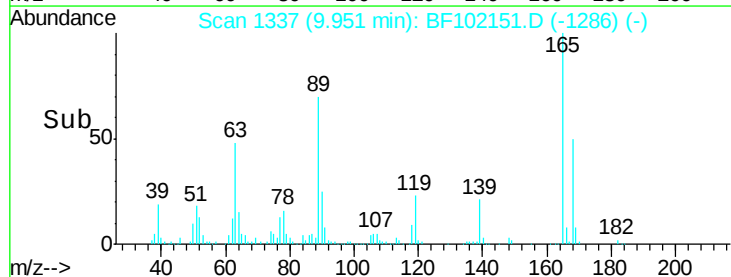
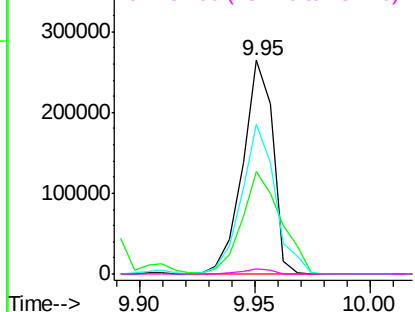


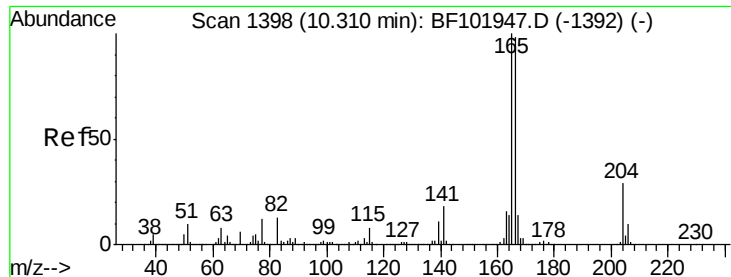
#56
2,4-Dinitrotoluene
Concen: 41.111 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:165 Resp: 241885
Ion Ratio Lower Upper
165 100
63 47.9 36.4 54.6
89 70.2 57.8 86.6
182 2.2 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

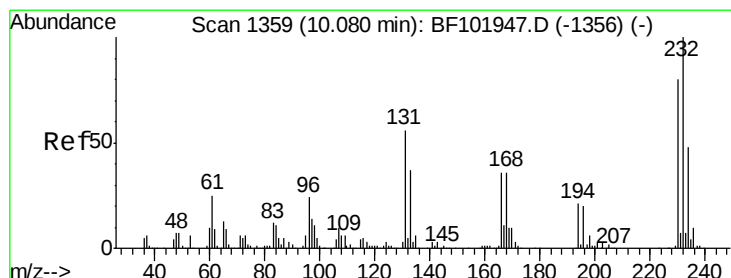
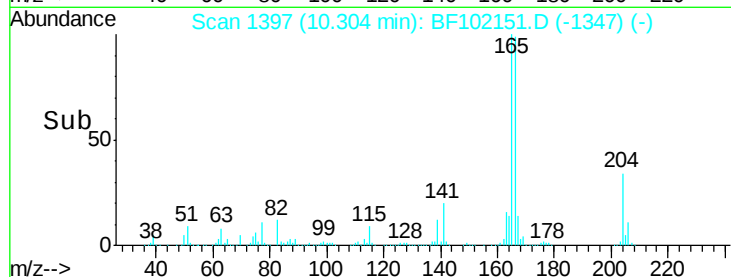
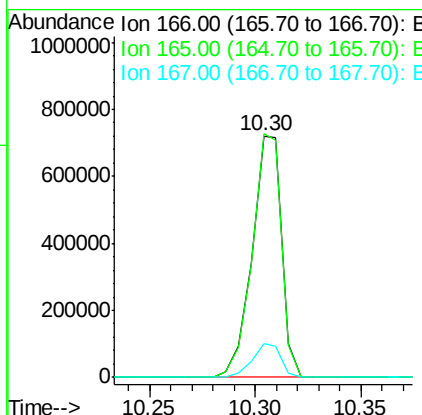
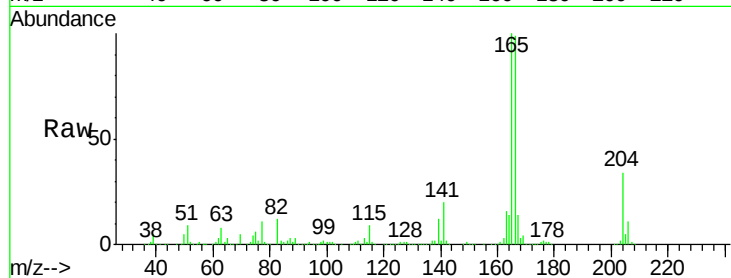




#57
Fluorene
 Concen: 38.251 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

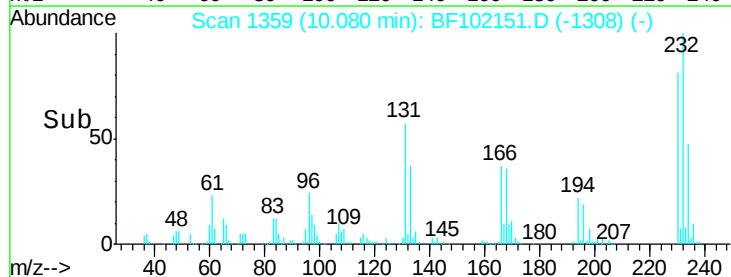
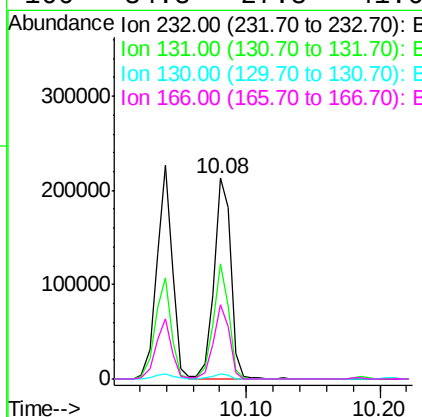
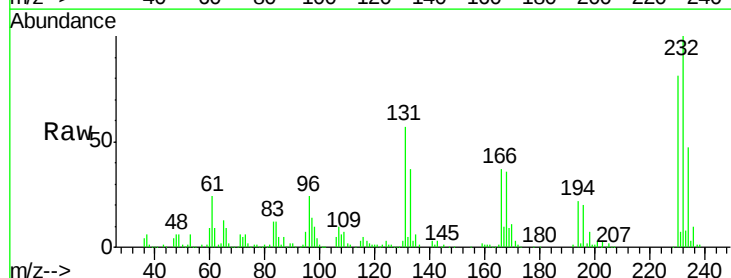
Instrument :
 BNA_F
 ClientSampled :

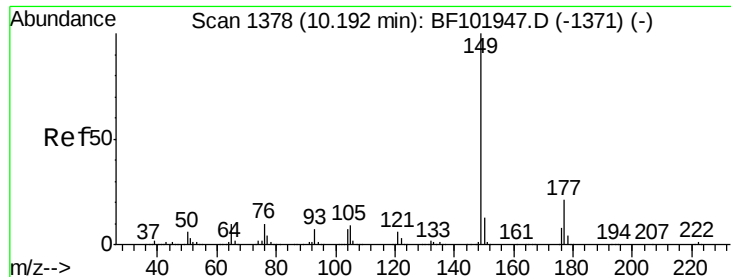
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	13.8	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.434 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.7	43.8	65.8
130	2.7	2.1	3.1
166	34.8	27.8	41.6

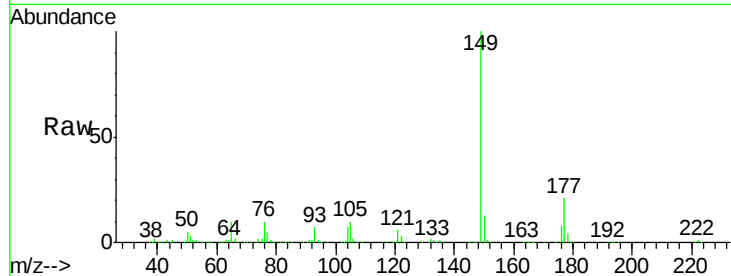




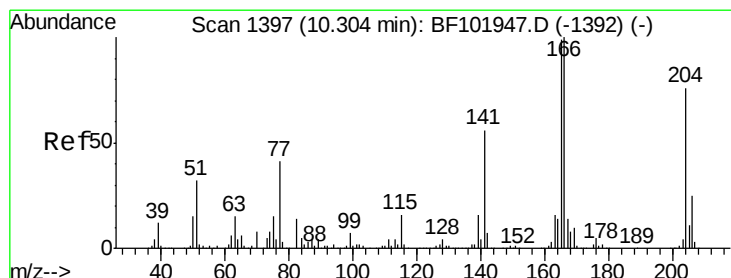
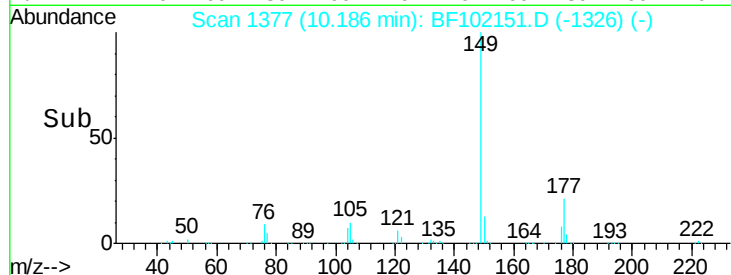
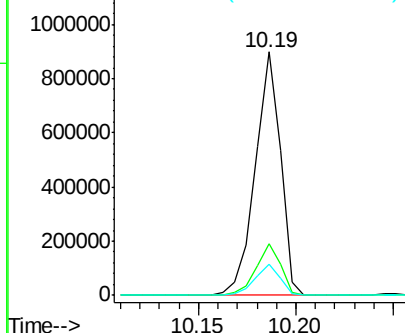
#59
Diethylphthalate
Concen: 34.461 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 805599
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.6 10.1 15.1

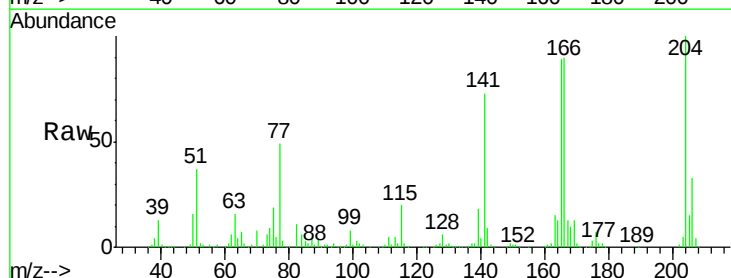


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

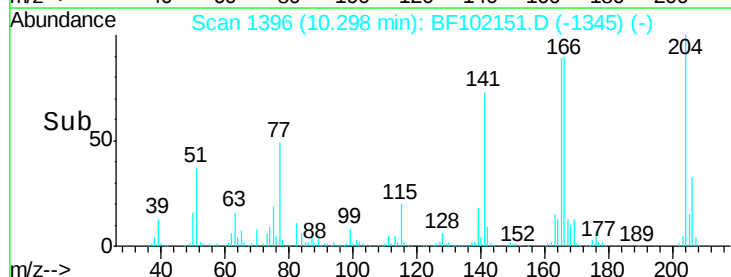
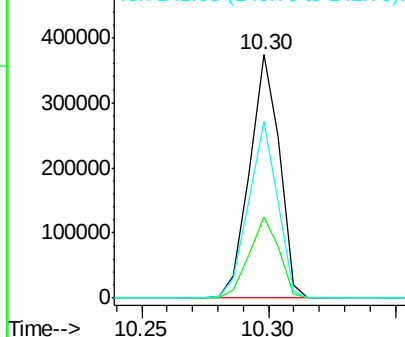


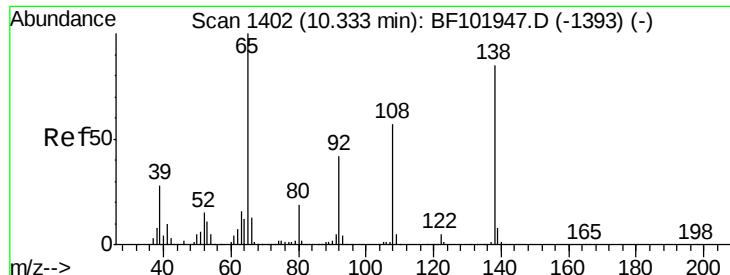
#60
4-Chlorophenyl-phenylether
Concen: 39.216 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:204 Resp: 306424
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 72.7 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

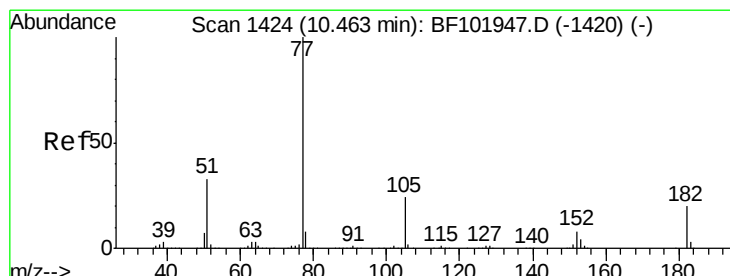
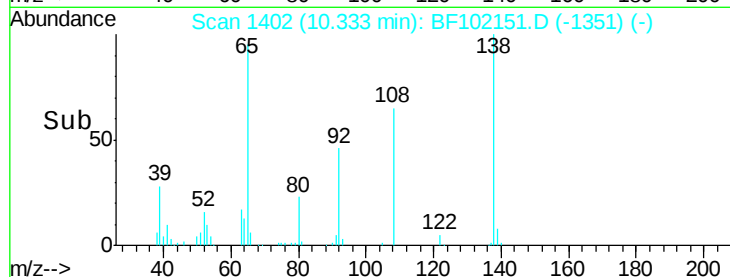
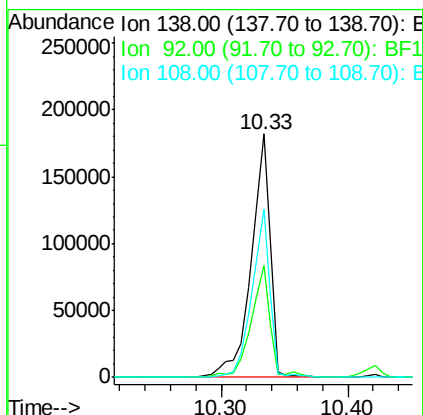
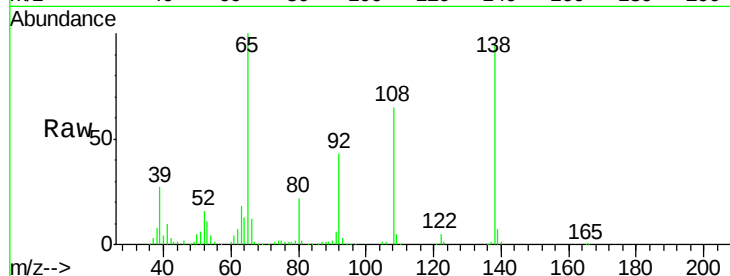




#61
4-Nitroaniline
Concen: 34.356 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

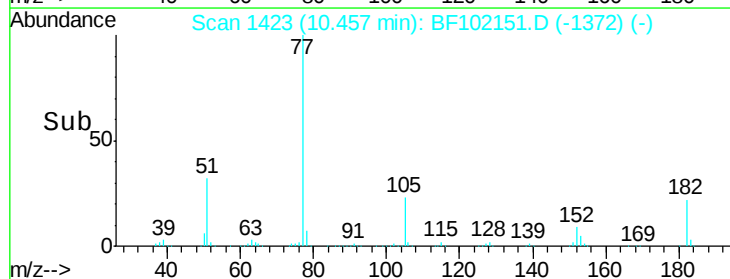
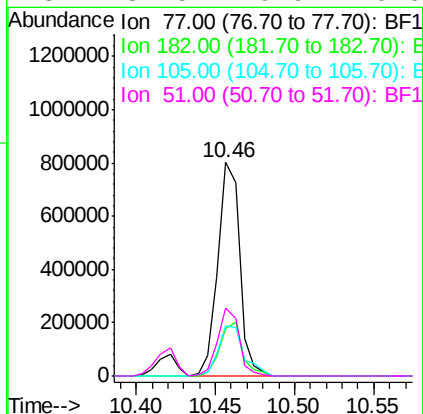
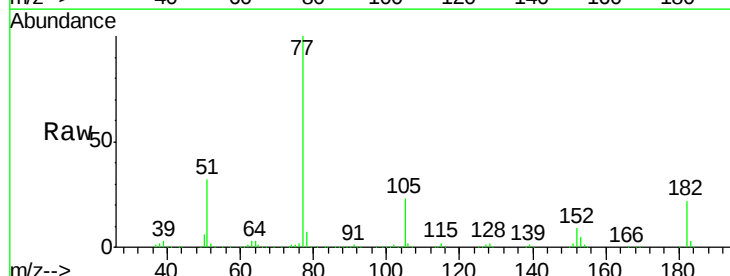
Instrument :
BNA_F
ClientSampled :

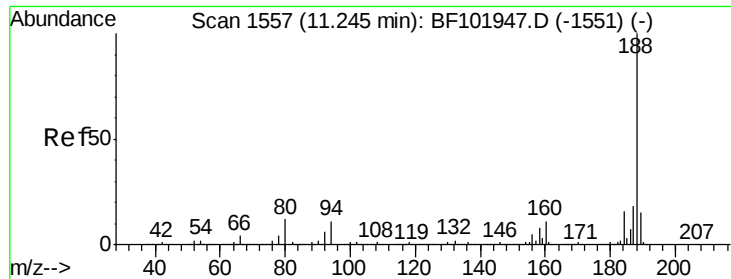
Tot Ion:138 Resp: 193169
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 68.9 52.5 92.5



#62
Azobenzene
Concen: 33.082 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion: 77 Resp: 769422
Ion Ratio Lower Upper
77 100
182 21.9 1.7 41.7
105 23.1 3.0 43.0
51 31.5 9.9 49.9

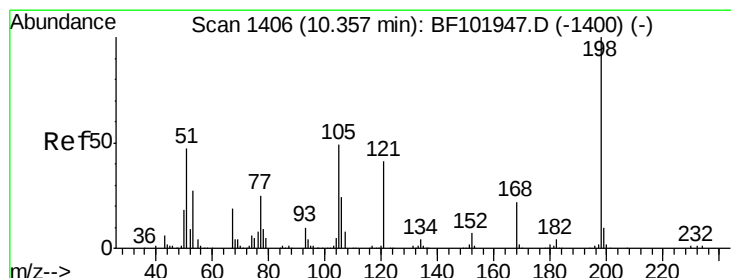
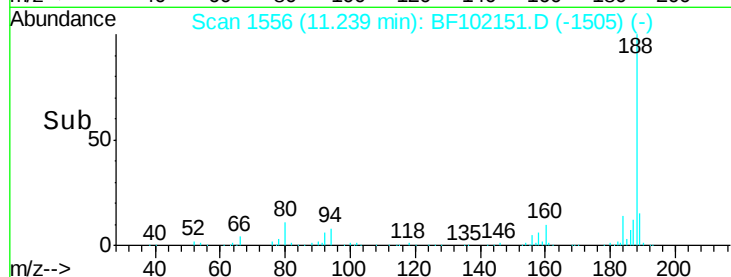
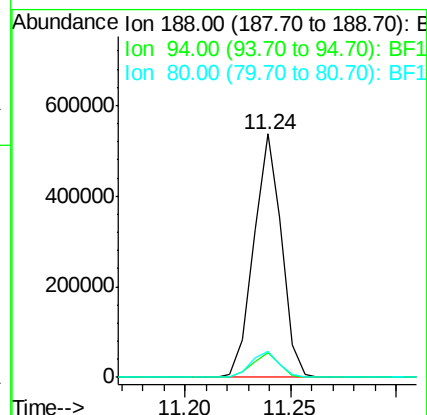
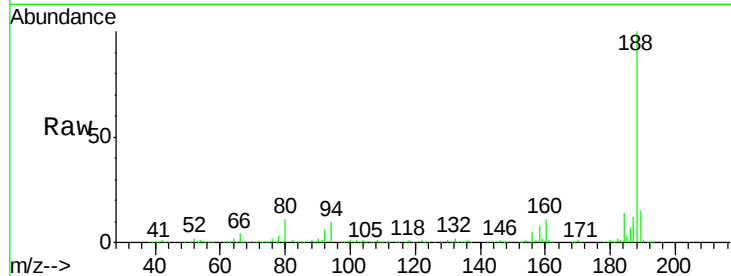




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

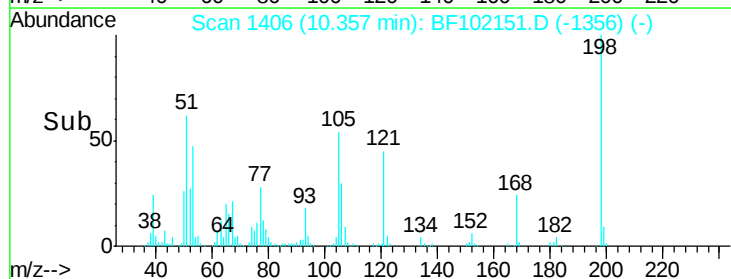
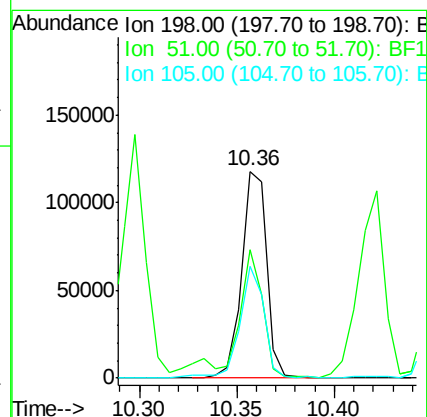
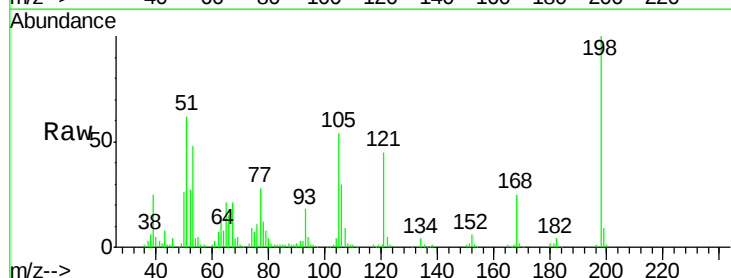
Instrument :
BNA_F
ClientSampleId :

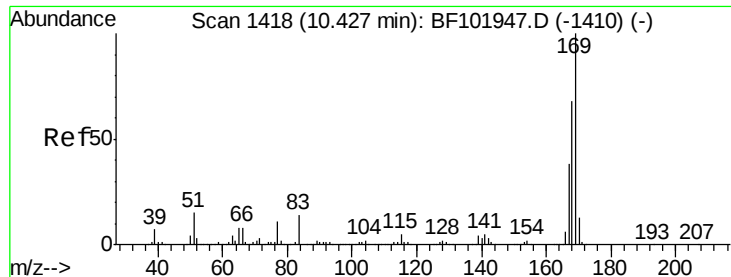
Tot Ion:188 Resp: 488949
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.472 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:198 Resp: 104802
Ion Ratio Lower Upper
198 100
51 62.4 37.7 77.7
105 54.2 36.3 76.3

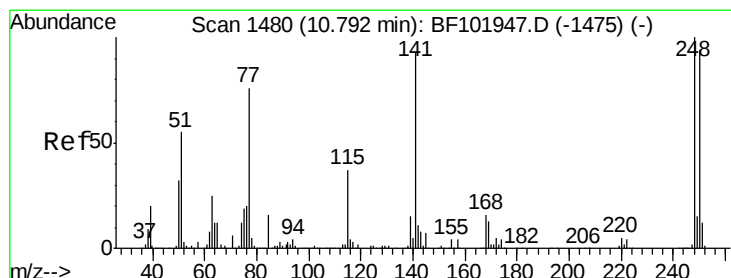
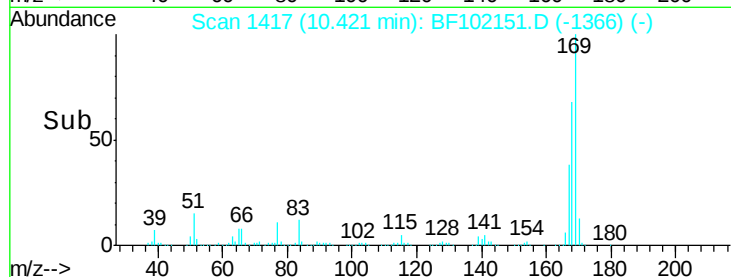
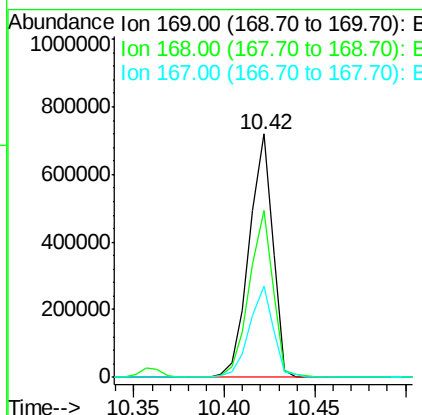
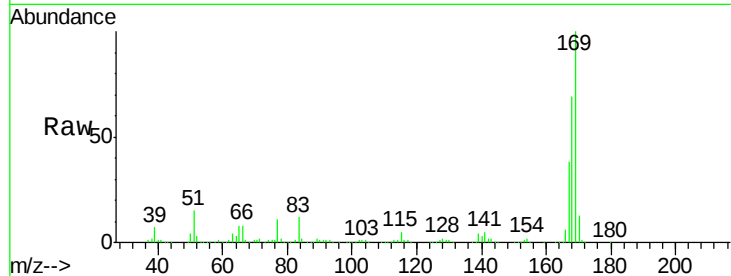




#65
n-Nitrosodiphenylamine
Concen: 35.700 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

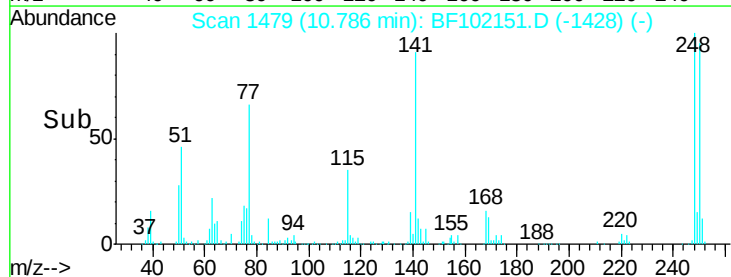
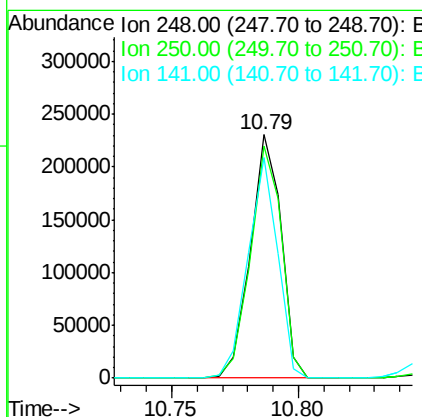
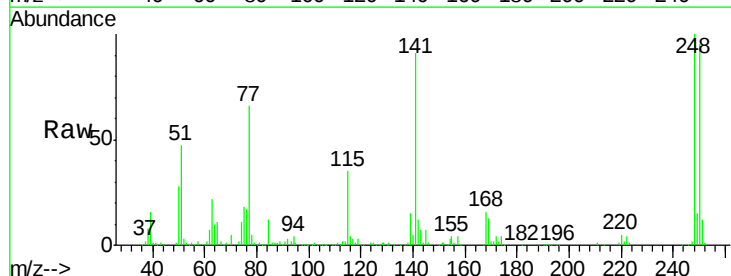
Instrument :
BNA_F
ClientSampleId :

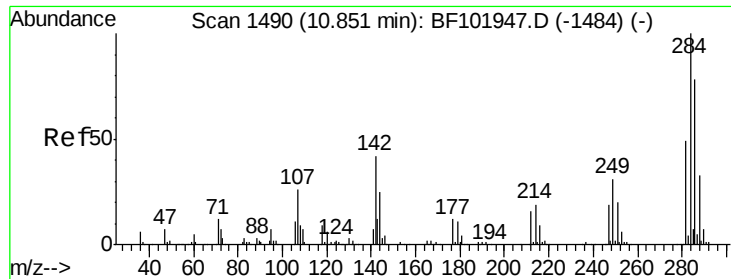
Tot Ion:169 Resp: 653643
Ion Ratio Lower Upper
169 100
168 68.5 54.4 81.6
167 37.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 37.774 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:248 Resp: 195047
Ion Ratio Lower Upper
248 100
250 95.3 76.9 115.3
141 90.7 74.4 111.6

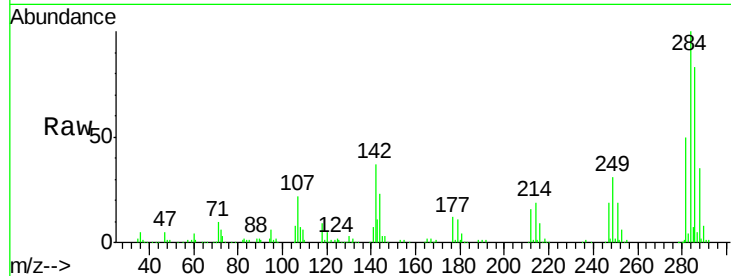




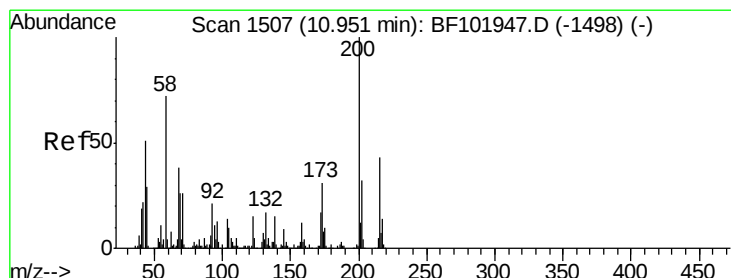
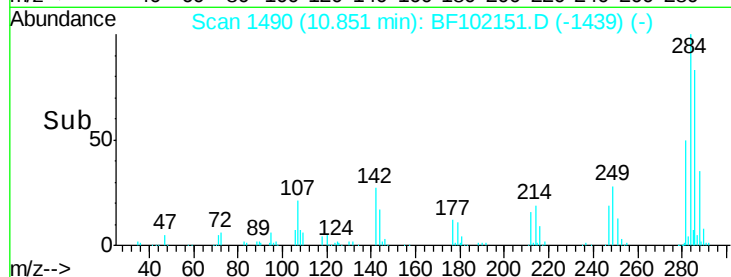
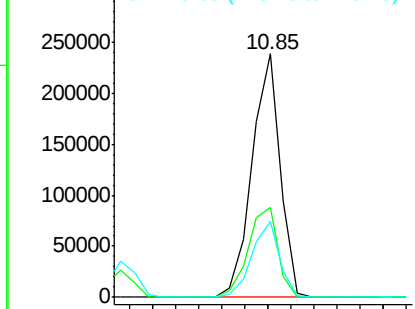
#67
Hexachlorobenzene
Concen: 36.156 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 203809
Ion Ratio Lower Upper
284 100
142 36.8 34.6 52.0
249 31.4 24.8 37.2

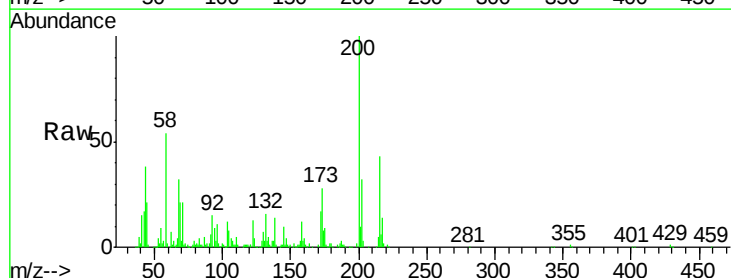


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

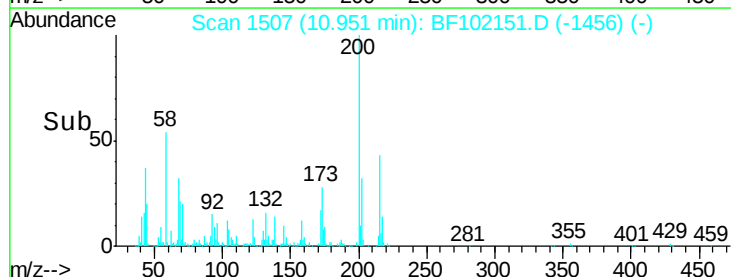
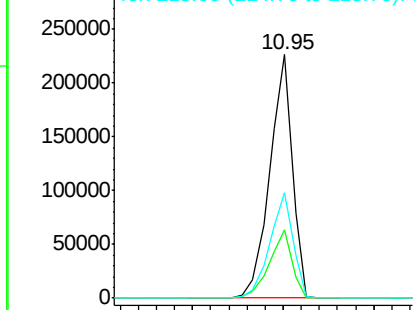


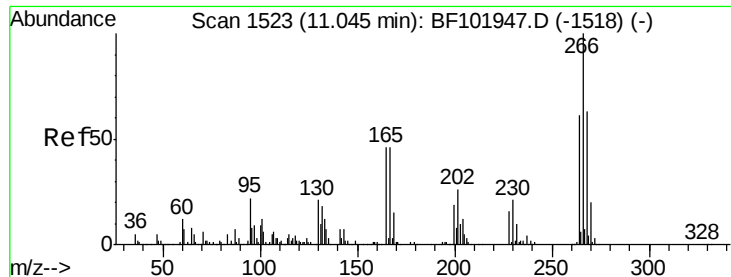
#68
Atrazine
Concen: 37.024 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:200 Resp: 195904
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 43.4 25.1 65.1



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

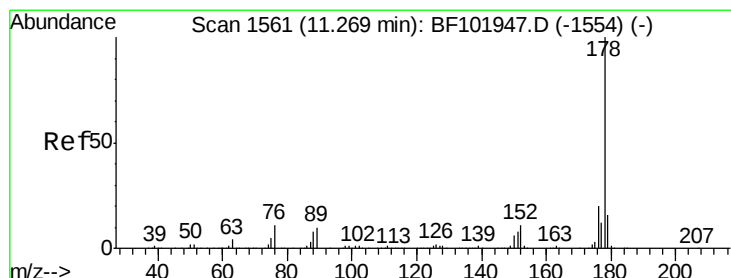
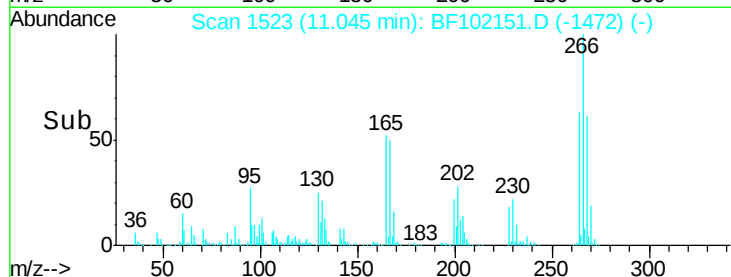
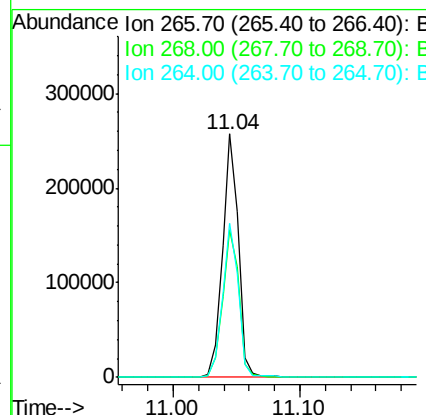
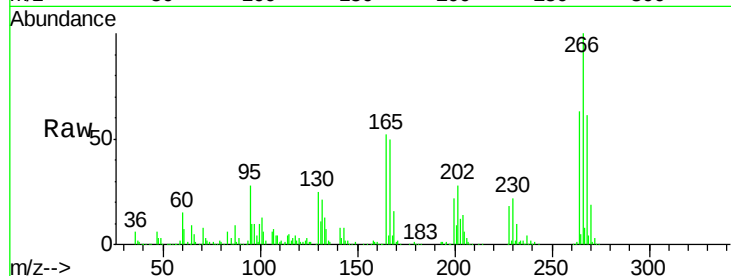




#69
 Pentachlorophenol
 Concen: 66.344 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

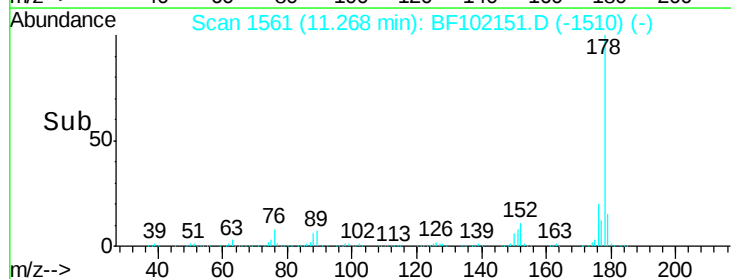
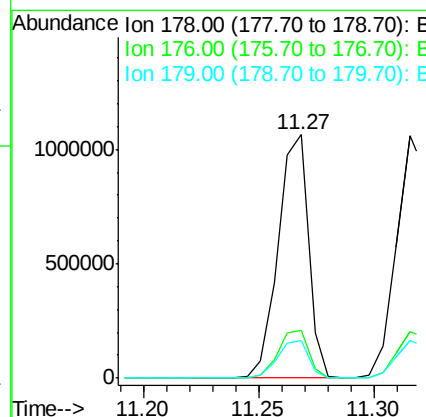
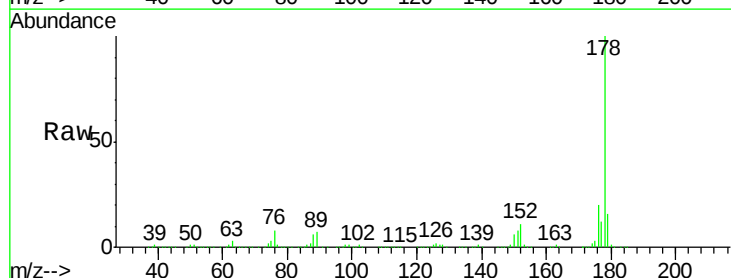
Instrument :
 BNA_F
 ClientSampleId :

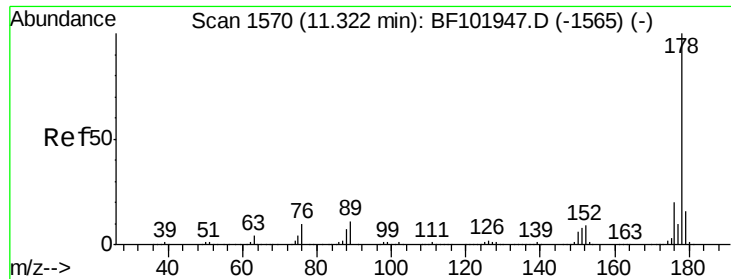
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 34.031 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6

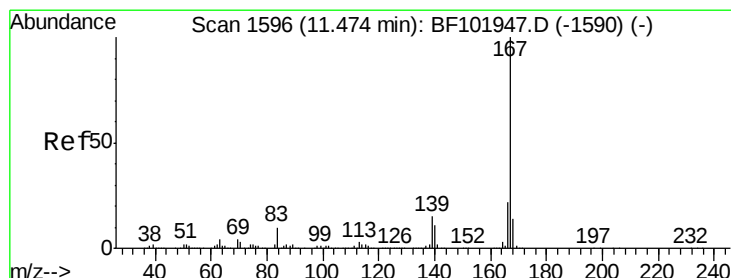
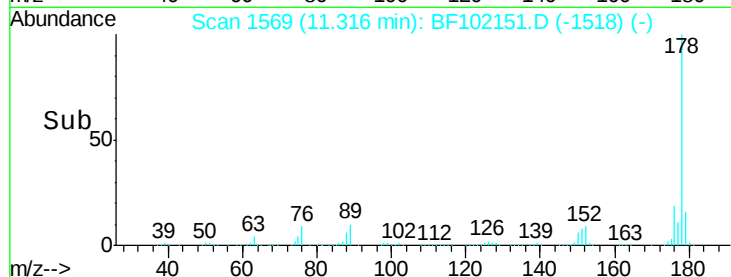
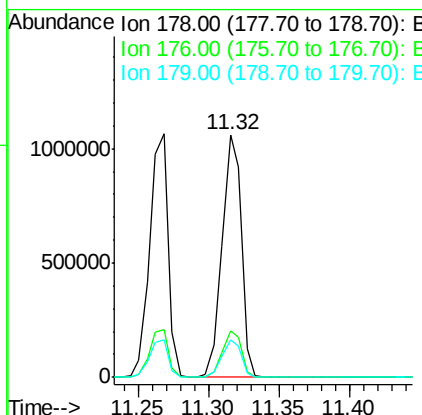
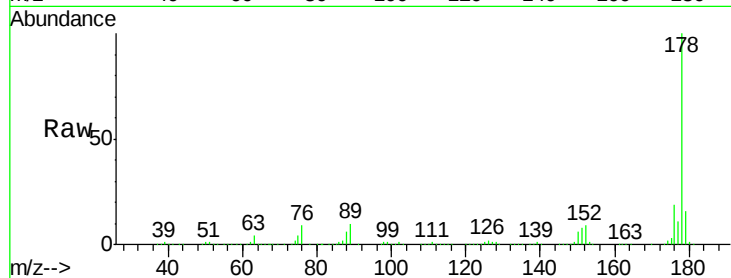




#71
 Anthracene
 Concen: 34.711 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

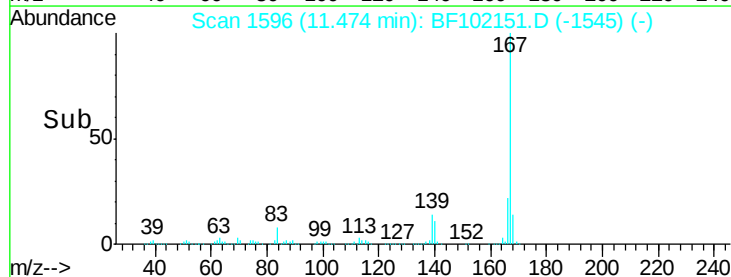
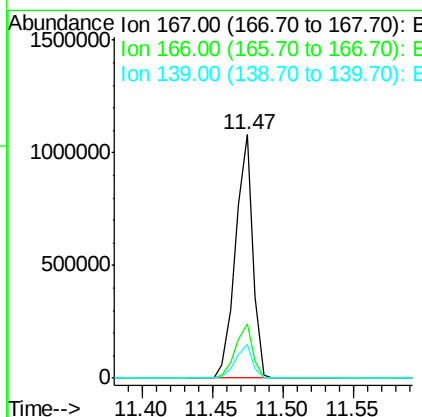
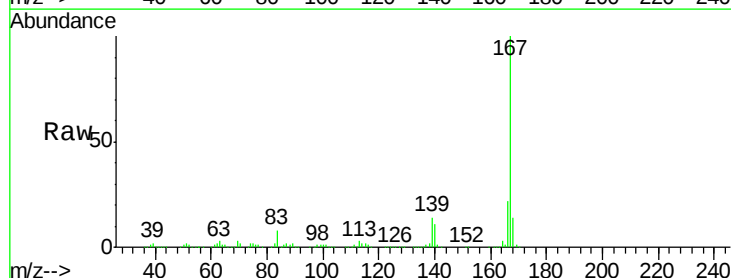
Instrument :
 BNA_F
 ClientSampleId :

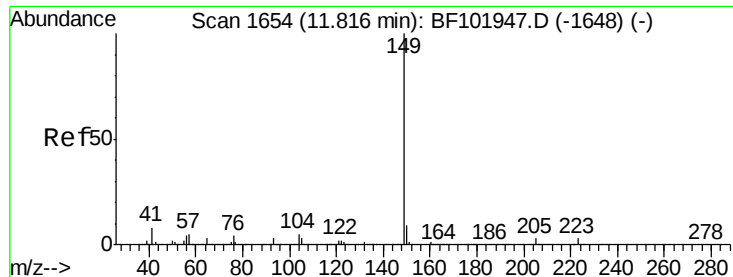
Tot Ion:178 Resp: 1005448
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 32.360 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion:167 Resp: 921327
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.234 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

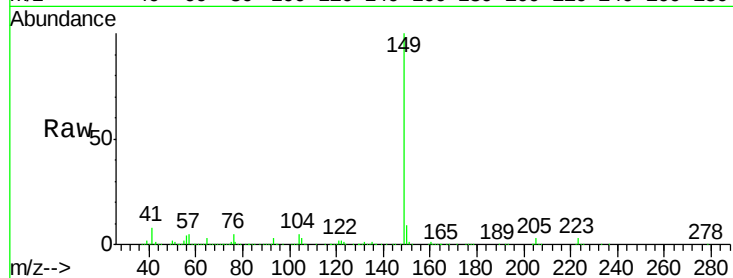
Tot Ion:149 Resp: 1125941

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

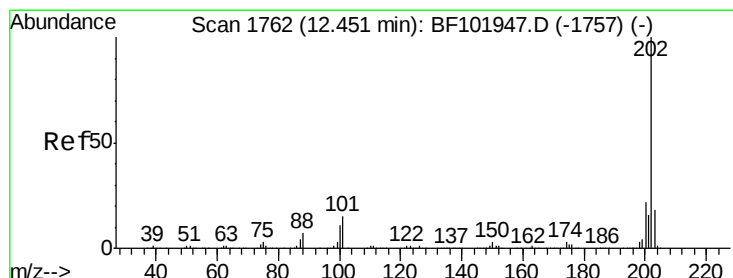
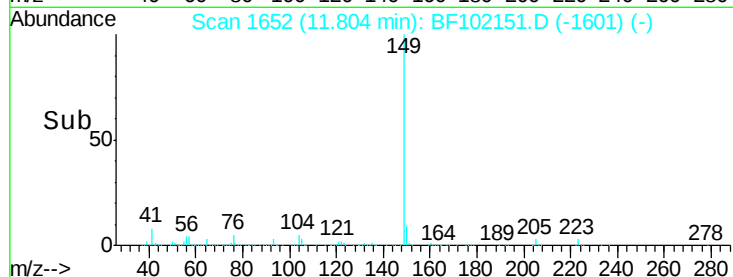
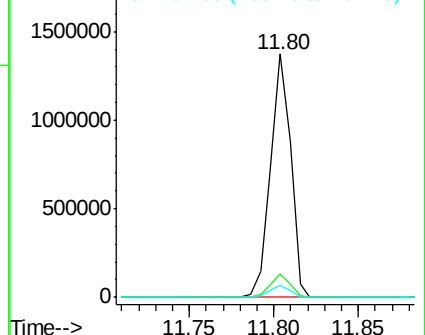
104 4.8 3.8 5.8



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: 31.577 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

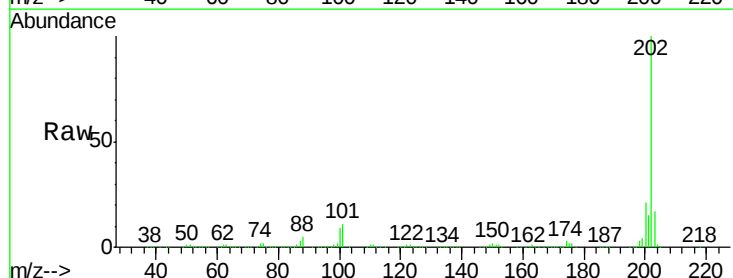
Tgt Ion:202 Resp: 887338

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

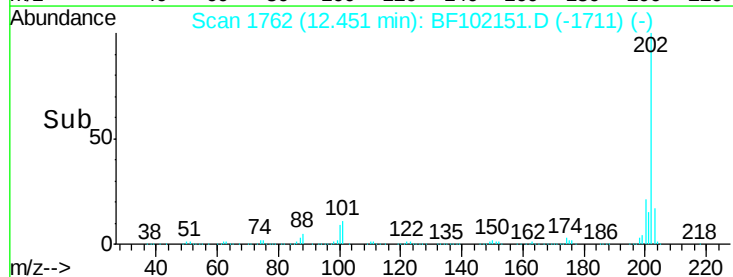
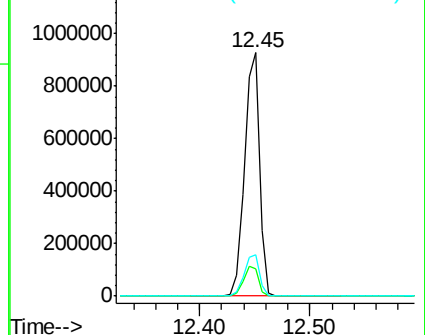
203 17.1 0.0 38.1

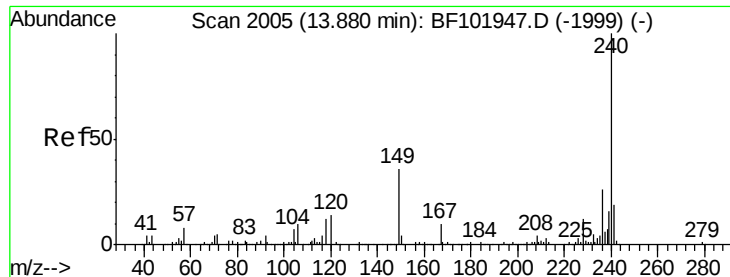


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

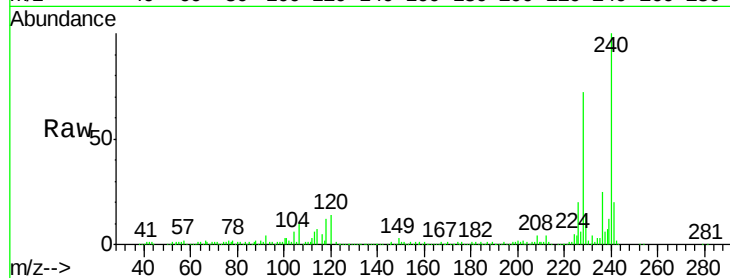
Tot Ion:240 Resp: 255842

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

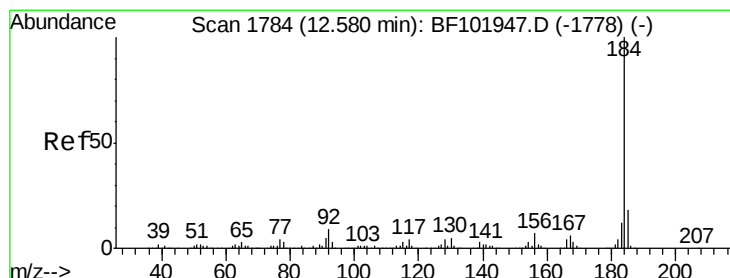
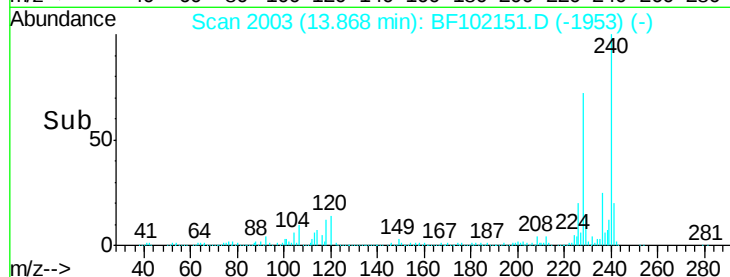
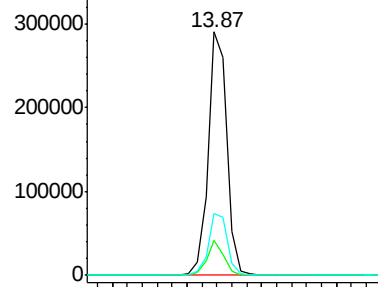
236 25.4 20.7 31.1



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: 34.108 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

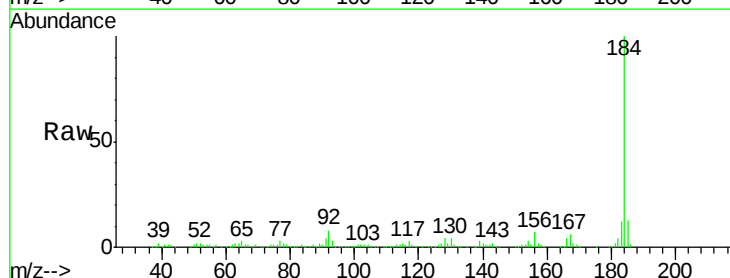
Tgt Ion:184 Resp: 421385

Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

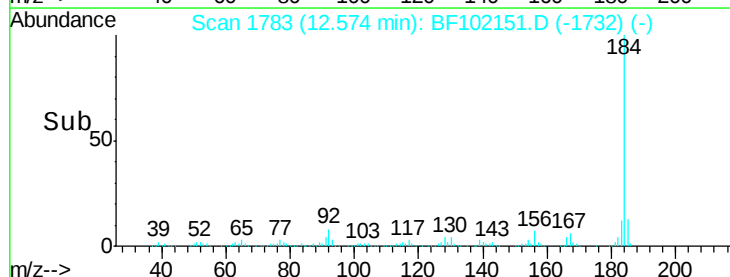
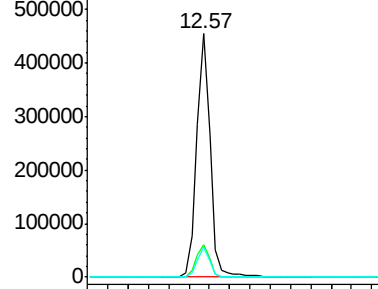
183 12.4 9.3 13.9

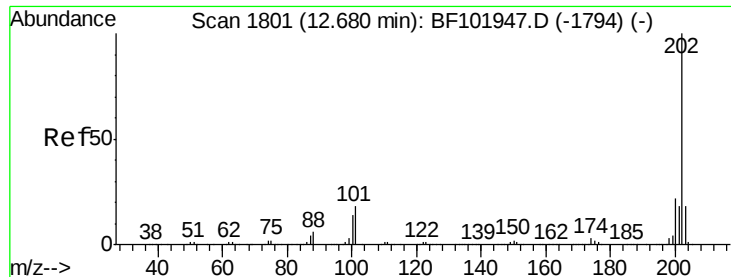


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

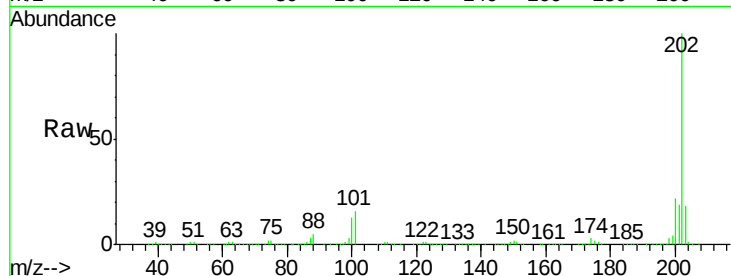




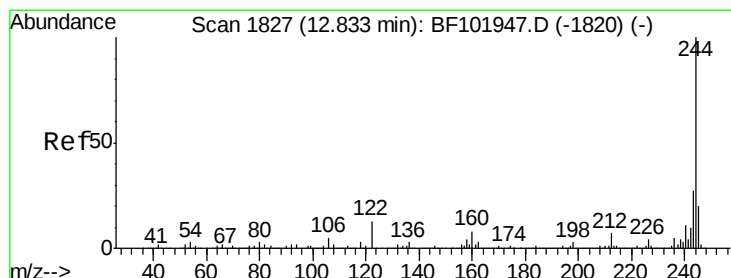
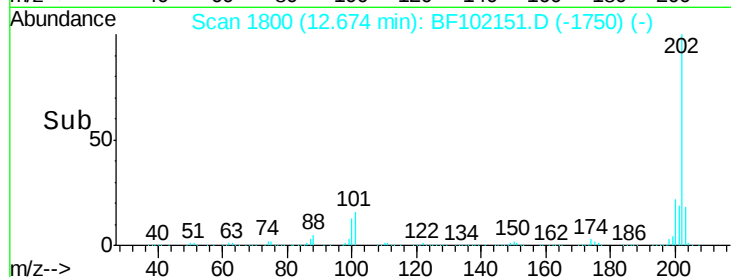
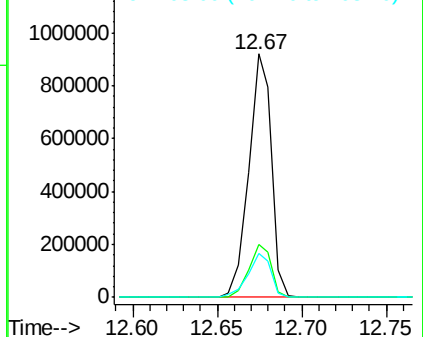
#77
Pvrene
Concen: 38.156 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 862892
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.8 14.3 21.5

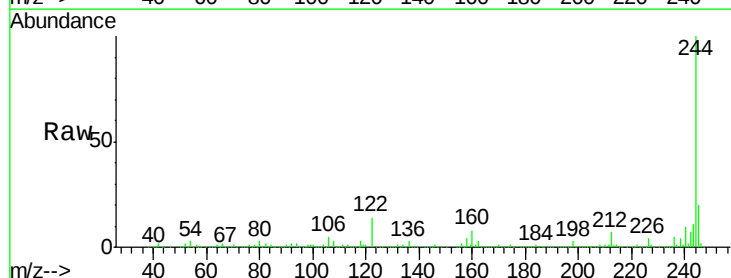


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

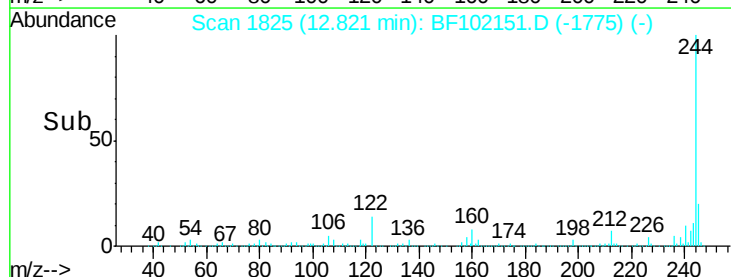
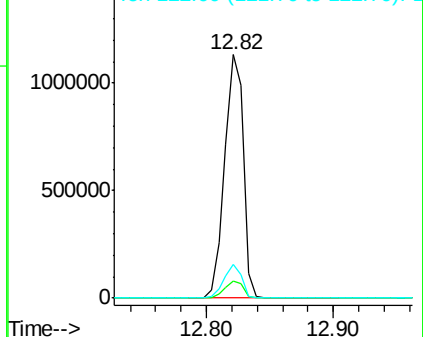


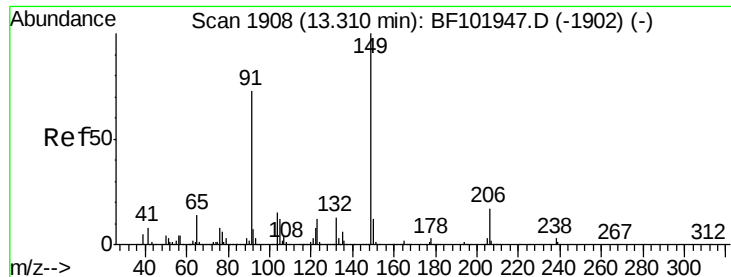
#78
Terphenyl-d14
Concen: 93.798 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:244 Resp: 1155801
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.6 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

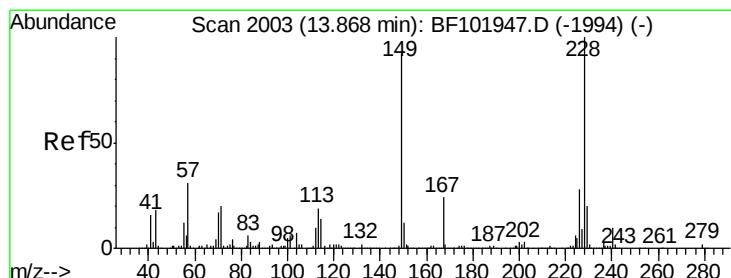
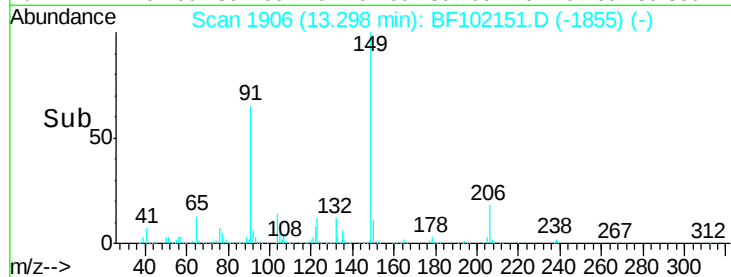
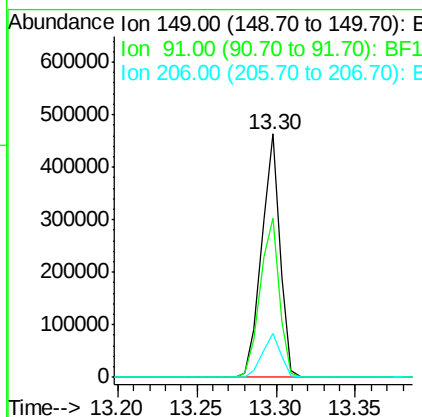
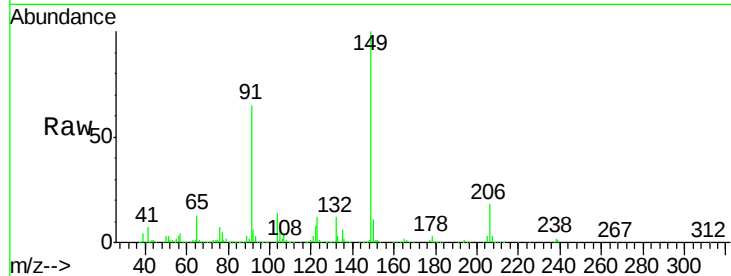




#79
Butylbenzylphthalate
Concen: 36.415 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

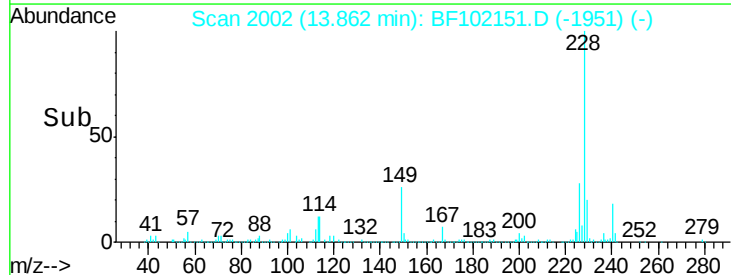
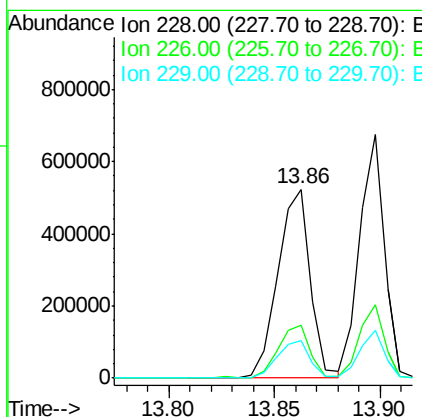
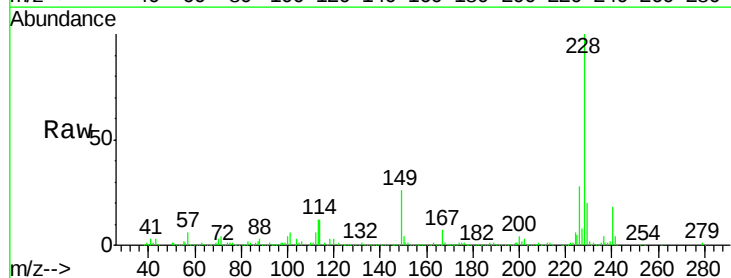
Instrument :
BNA_F
ClientSampleId :

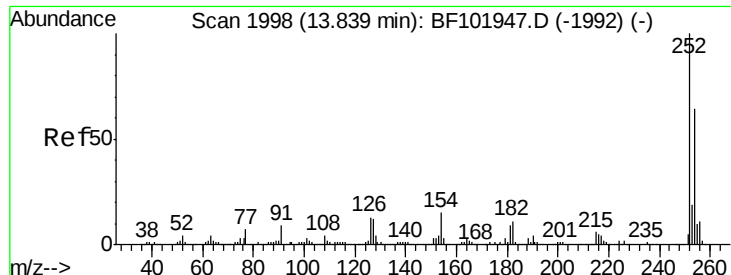
Tot Ion:	149	Resp:	377935
Ion Ratio	Lower	Upper	
149	100		
91	65.2	56.8	85.2
206	18.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 34.199 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion:	228	Resp:	558238
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	19.9	15.8	23.6

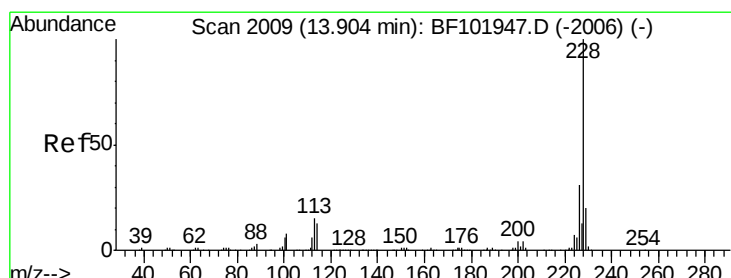
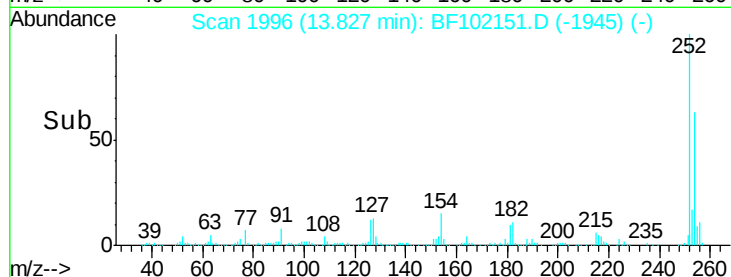
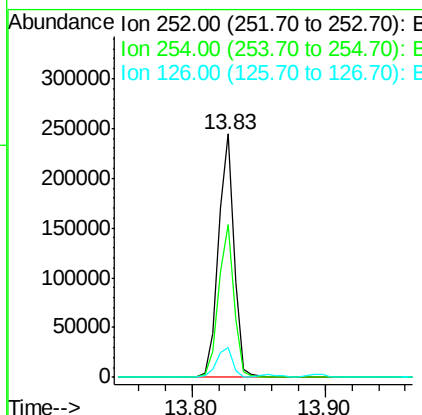
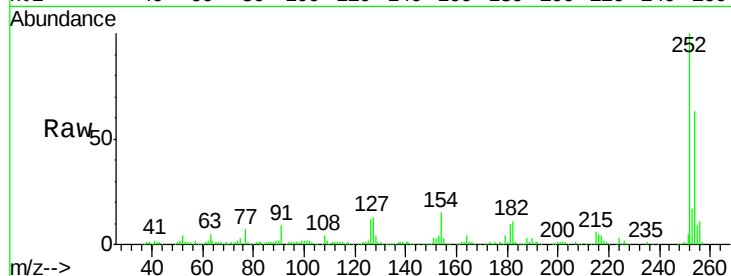




#81
 3,3'-Dichlorobenzidine
 Concen: 33.675 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

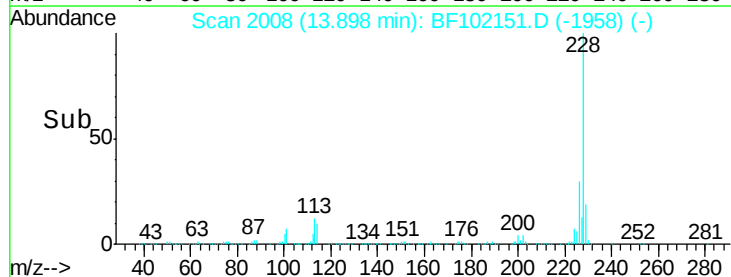
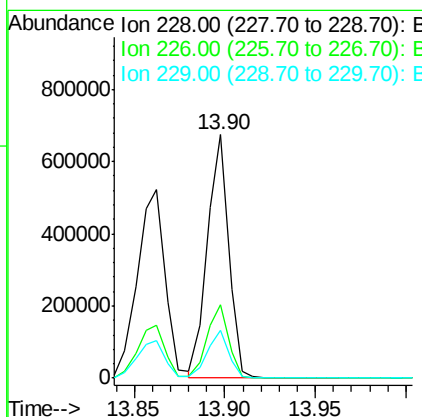
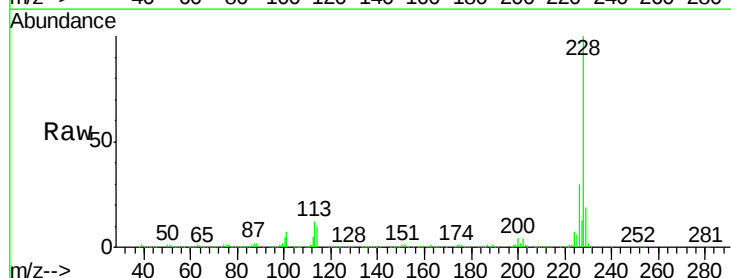
Instrument :
 BNA_F
 ClientSampleId :

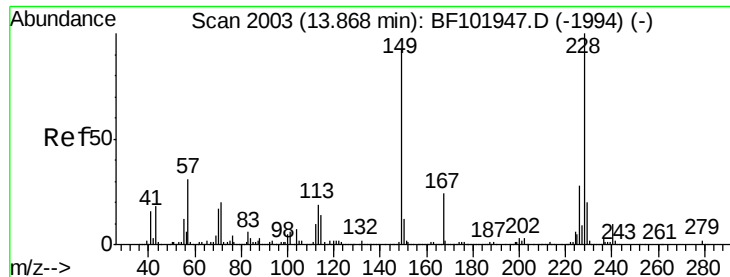
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 32.468 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102151.D
 Acq: 17 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.002 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

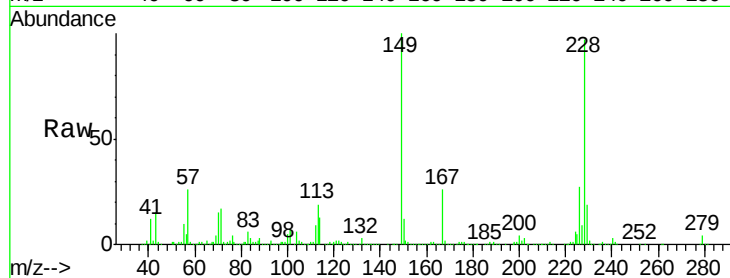
Tot Ion:149 Resp: 452448

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

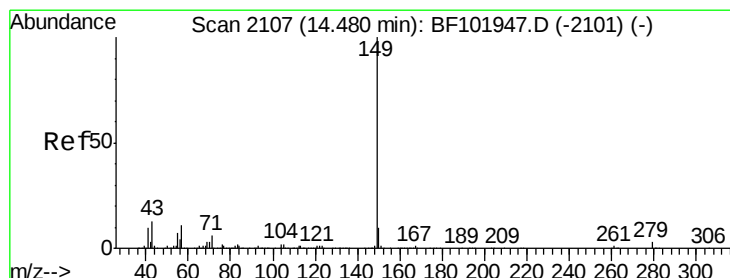
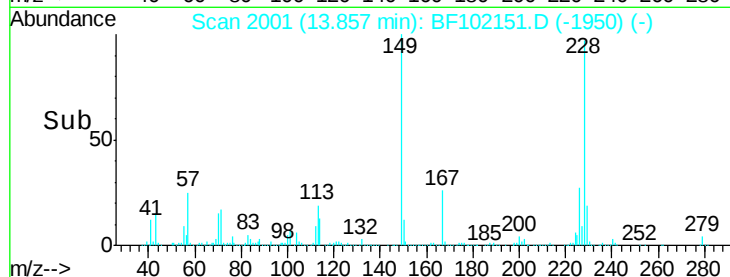
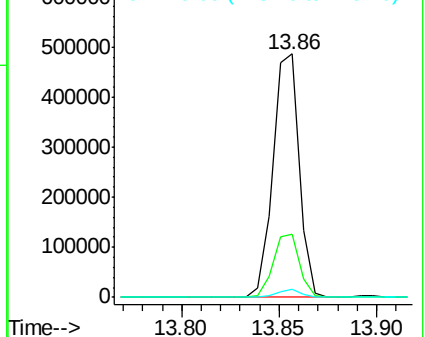
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.816 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

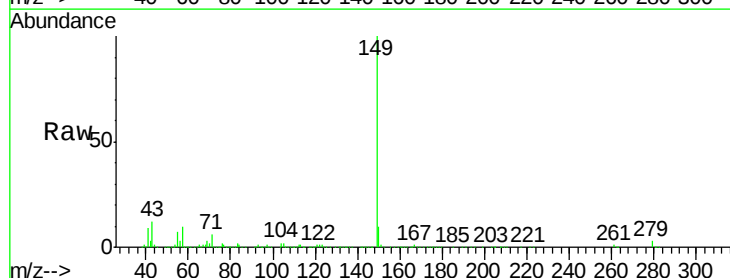
Tgt Ion:149 Resp: 707605

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

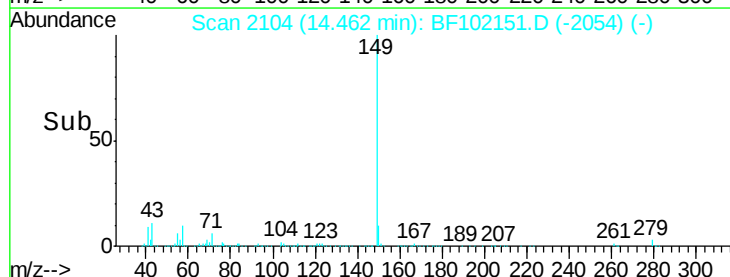
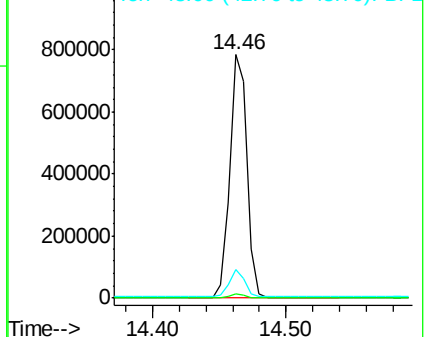
43 10.2 8.4 12.6

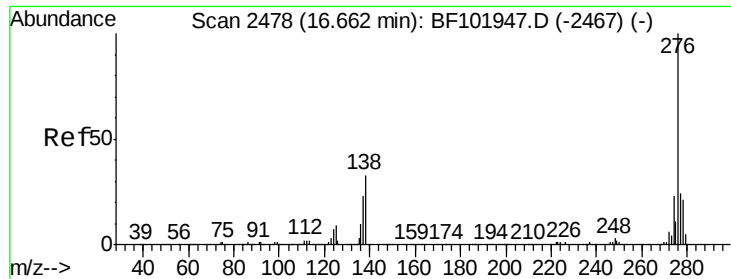


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

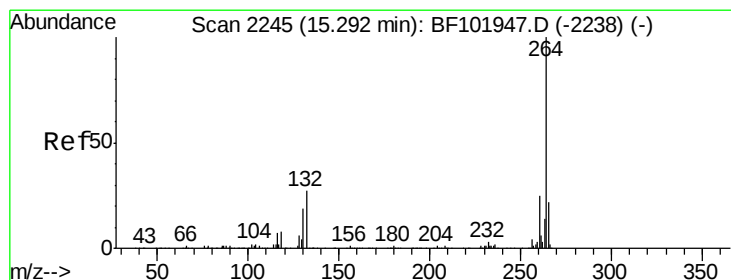
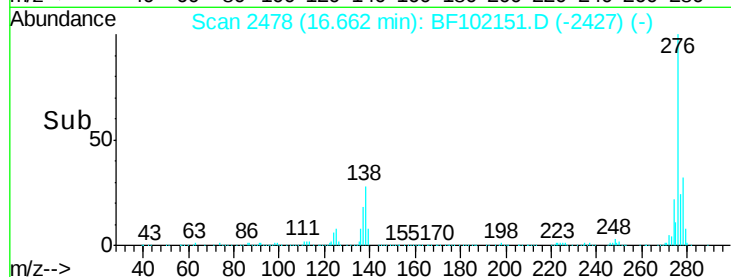
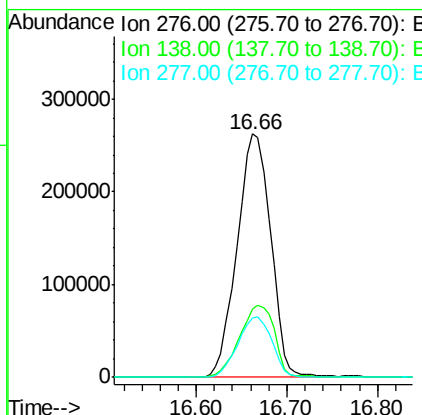
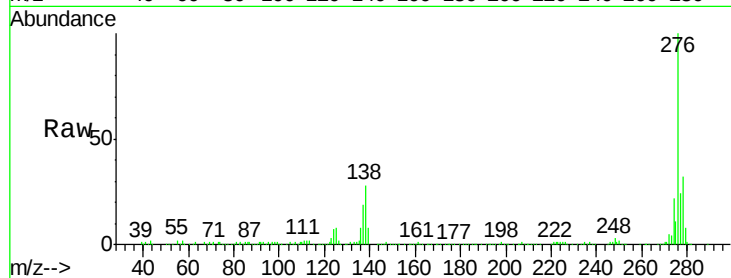




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.782 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

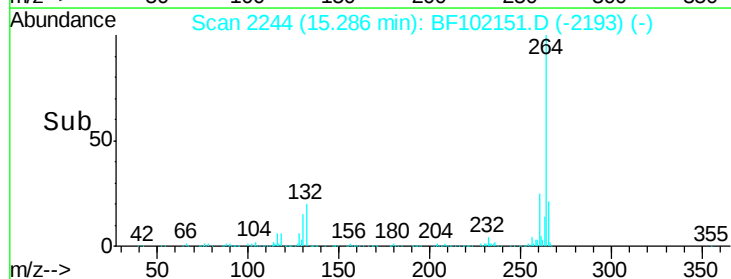
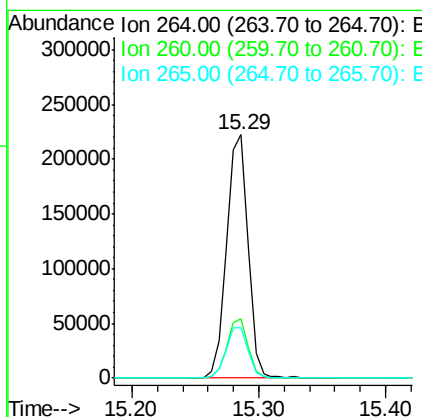
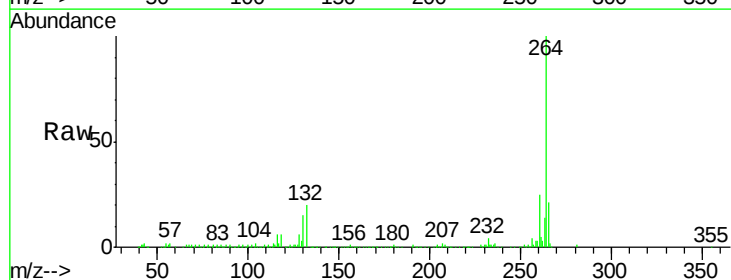
Instrument :
BNA_F
ClientSampleId :

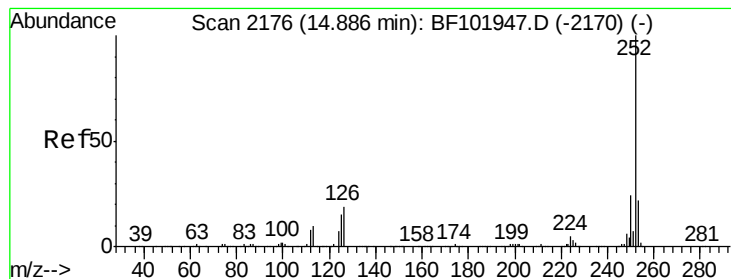
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.0	37.6
277	25.1	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102151.D
Acq: 17 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 30.857 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

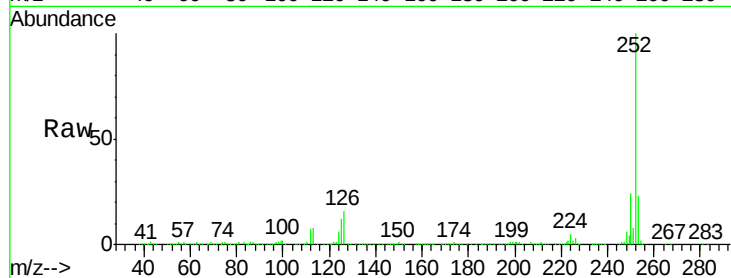
Tot Ion:252 Resp: 521980

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

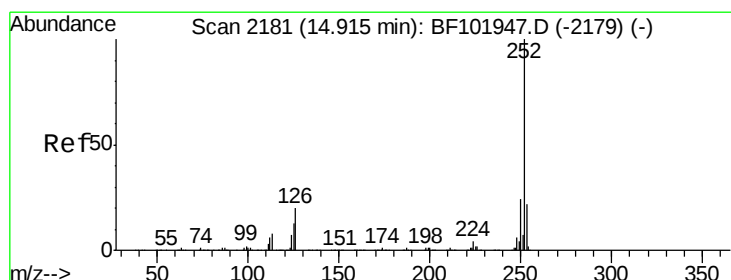
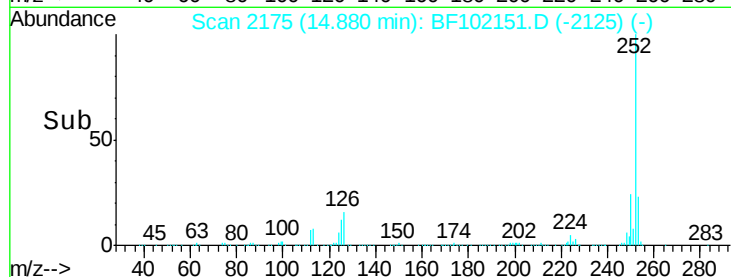
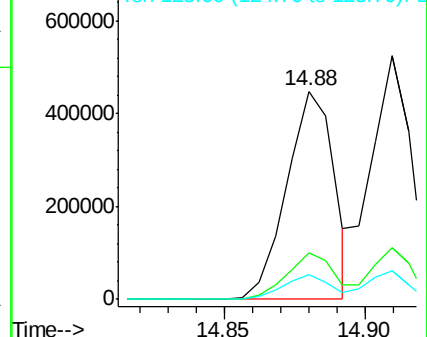
125 12.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.034 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

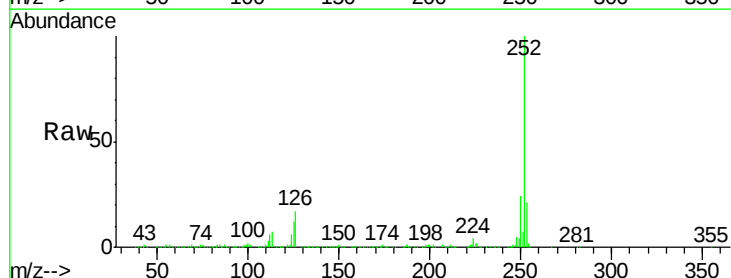
Tgt Ion:252 Resp: 522759

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

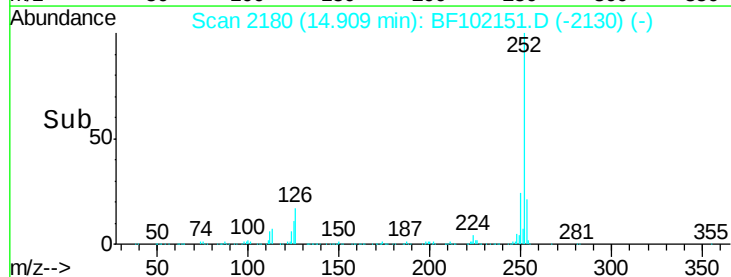
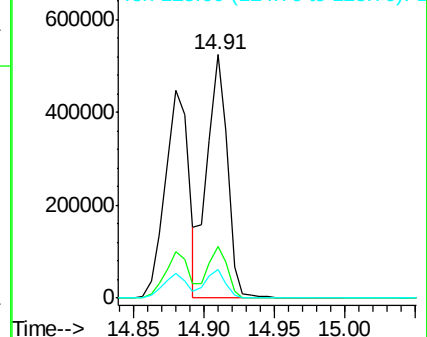
125 11.6 10.2 15.2

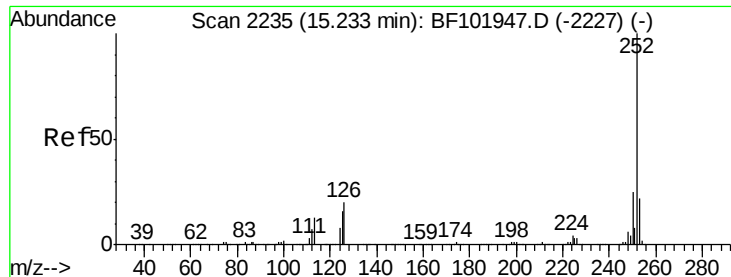


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.577 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

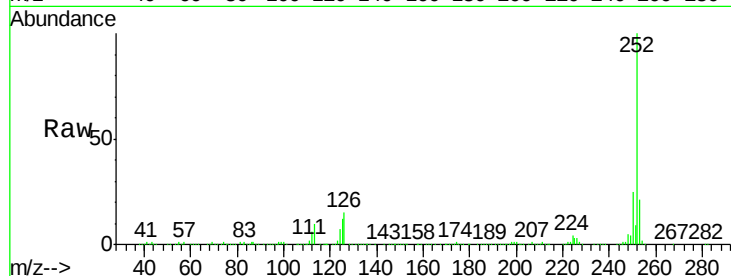
Tot Ion:252 Resp: 526339

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

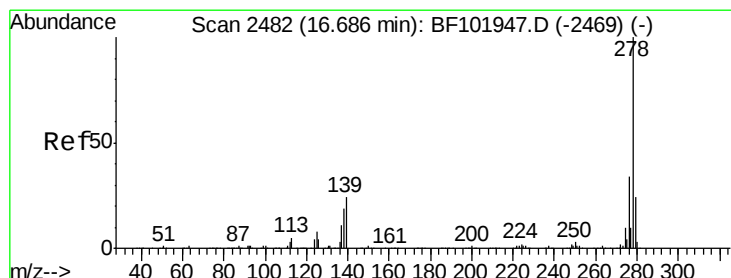
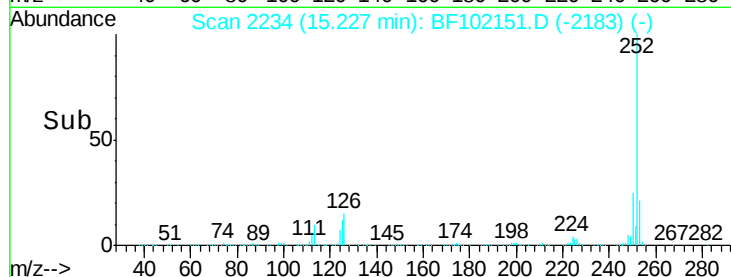
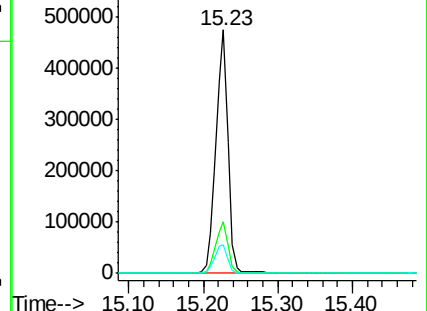
125 11.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.722 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

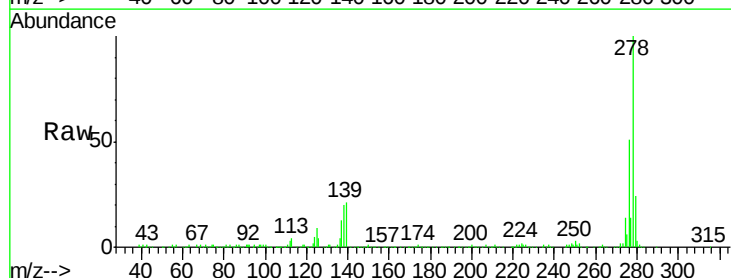
Tgt Ion:278 Resp: 555422

Ion Ratio Lower Upper

278 100

139 21.0 15.9 23.9

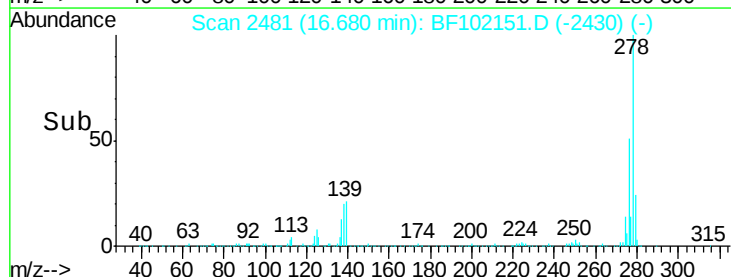
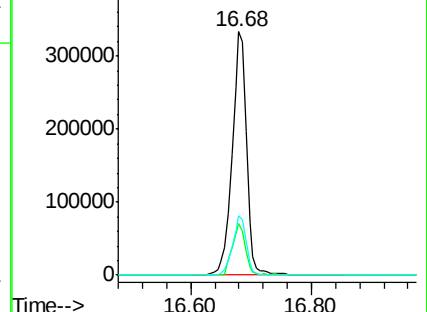
279 24.2 19.0 28.4

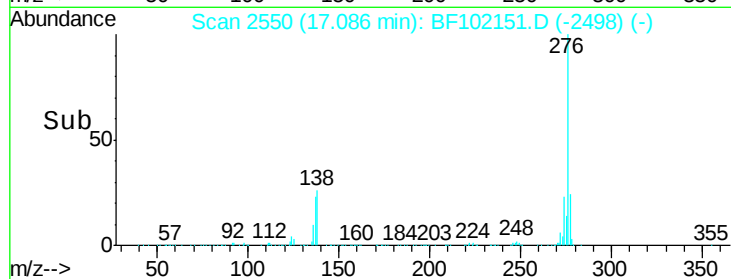
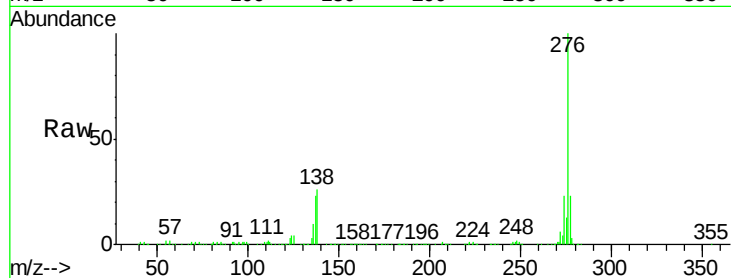
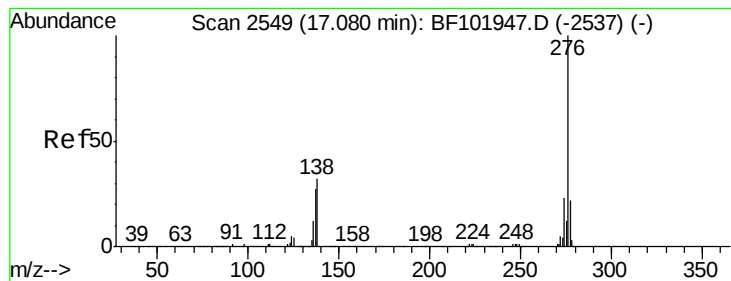


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.986 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF102151.D

Acq: 17 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 574953

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 25.8 21.8 32.8

