

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102529.D
 Acq On : 27 Jan 2018 23:51
 Operator : SJ/JU
 Sample : J1290-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

Quant Time: Jan 28 01:05:59 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166198	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	667539	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	272271	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	382412	20.00	ng	0.00
75) Chrysene-d12	13.89	240	270054	20.00	ng	0.00
86) Perylene-d12	15.31	264	212716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1334072	121.71	ng	0.02
7) Phenol-d6	6.37	99	1571052	118.89	ng	0.01
23) Nitrobenzene-d5	7.29	82	1005395	86.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	254078	94.18	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1550090	83.71	ng	0.00
78) Terphenyl-d14	12.83	244	1016633	84.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	170313	32.703	ng	96
3) Pyridine	3.14	79	472395	34.710	ng	98
4) n-Nitrosodimethylamine	3.10	42	237060	44.430	ng	99
6) Aniline	6.39	93	469132	26.840	ng	# 1
8) 2-Chlorophenol	6.51	128	459796	40.017	ng	97
9) Benzaldehyde	6.27	77	219701	26.942	ng	90
10) Phenol	6.39	94	591525	41.002	ng	# 71
11) bis(2-Chloroethyl)ether	6.46	93	458783	41.812	ng	99
12) 1,3-Dichlorobenzene	6.66	146	494429	36.182	ng	98
13) 1,4-Dichlorobenzene	6.73	146	504221	36.835	ng	100
14) 1,2-Dichlorobenzene	6.89	146	454266	36.281	ng	99
15) Benzyl Alcohol	6.87	79	335717	36.007	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	675556	36.709	ng	75
17) 2-Methylphenol	6.99	107	368047	36.882	ng	# 91
18) Hexachloroethane	7.22	117	134038	28.100	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	300873	37.205	ng	97
20) 3+4-Methylphenols	7.15	107	465245	39.641	ng	97
22) Acetophenone	7.13	105	626778	39.388	ng	97
24) Nitrobenzene	7.31	77	459785	38.678	ng	97
25) Isophorone	7.55	82	854417	41.259	ng	99
26) 2-Nitrophenol	7.62	139	225109	35.980	ng	93
27) 2,4-Dimethylphenol	7.67	122	408515	44.967	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	551864	43.140	ng	99
29) 2,4-Dichlorophenol	7.87	162	384705	41.572	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	359626	36.253	ng	99
31) Naphthalene	8.02	128	1257043	37.716	ng	99
32) Benzoic acid	7.77	122	46193	6.069	ng	98
33) 4-Chloroaniline	8.08	127	358144	25.554	ng	99
34) Hexachlorobutadiene	8.13	225	186483	35.198	ng	100
35) Caprolactam	8.46	113	121669	39.810	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	393924	40.384	ng	98
37) 2-Methylnaphthalene	8.72	142	822959	37.076	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	323059	39.438	ng	99
40) Hexachlorocyclopentadiene	8.86	237	11358	3.098	ng	95

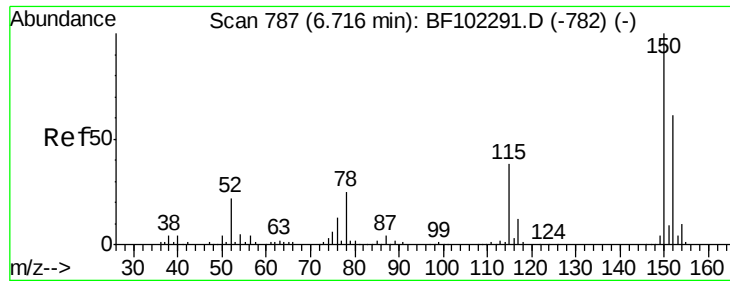
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	226710	41.343	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	231671	37.522	ng	98
45) 1,1'-Biphenyl	9.18	154	933268	38.334	ng	98
46) 2-Chloronaphthalene	9.20	162	714789	37.773	ng	100
47) 2-Nitroaniline	9.31	65	248692	42.154	ng	99
48) Acenaphthylene	9.62	152	1042787	35.371	ng	99
49) Dimethylphthalate	9.48	163	1070092	47.549	ng	100
50) 2,6-Dinitrotoluene	9.55	165	175599	36.190	ng	98
51) Acenaphthene	9.79	154	613767	35.647	ng	100
52) 3-Nitroaniline	9.72	138	179758	31.317	ng	91
53) 2,4-Dinitrophenol	9.84	184	9269	7.757	ng	# 26
54) Dibenzofuran	9.96	168	874350	37.522	ng	98
55) 4-Nitrophenol	9.90	139	254784	67.244	ng	93
56) 2,4-Dinitrotoluene	9.96	165	195727	32.803	ng	# 86
57) Fluorene	10.30	166	685846	37.143	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	162960	36.966	ng	98
59) Diethylphthalate	10.18	149	802639	36.702	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	310798	38.823	ng	98
61) 4-Nitroaniline	10.34	138	202078	35.281	ng	86
62) Azobenzene	10.46	77	710776	35.499	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	10852	4.254	ng	96
65) n-Nitrosodiphenylamine	10.42	169	628327	44.765	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	179096	43.505	ng	# 88
67) Hexachlorobenzene	10.85	284	167933	36.476	ng	98
68) Atrazine	10.94	200	163929	39.544	ng	98
69) Pentachlorophenol	11.05	266	140512	58.097	ng	99
70) Phenanthrene	11.27	178	901851	40.471	ng	99
71) Anthracene	11.32	178	875749	38.503	ng	100
72) Carbazole	11.48	167	820378	36.971	ng	99
73) Di-n-butylphthalate	11.80	149	1119443	40.360	ng	99
74) Fluoranthene	12.46	202	862742	37.966	ng	98
76) Benzidine	12.58	184	535075	58.980	ng	97
77) Pyrene	12.69	202	841229	40.289	ng	99
79) Butylbenzylphthalate	13.30	149	397863	38.290	ng	94
80) Benzo(a)anthracene	13.87	228	717574	43.159	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	247113	40.516	ng	98
82) Chrysene	13.91	228	668574	39.598	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	560458	40.136	ng	# 98
84) Di-n-octyl phthalate	14.46	149	921911	40.596	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	433509	31.090	ng	97
87) Benzo(b)fluoranthene	14.90	252	587658	42.624	ng	98
88) Benzo(k)fluoranthene	14.93	252	536505	41.188	ng	98
89) Benzo(a)pyrene	15.25	252	512066	41.181	ng	97
90) Dibenzo(a,h)anthracene	16.73	278	355168	35.261	ng	98
91) Benzo(g,h,i)perylene	17.14	276	356519	35.847	ng	97

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

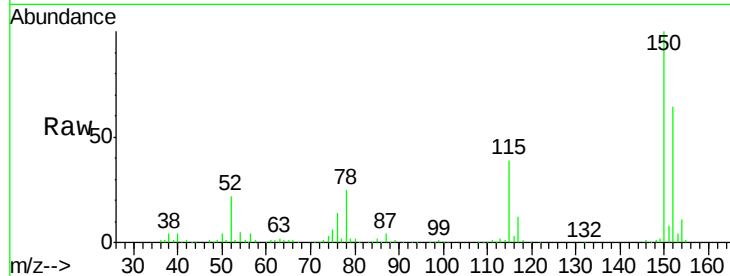


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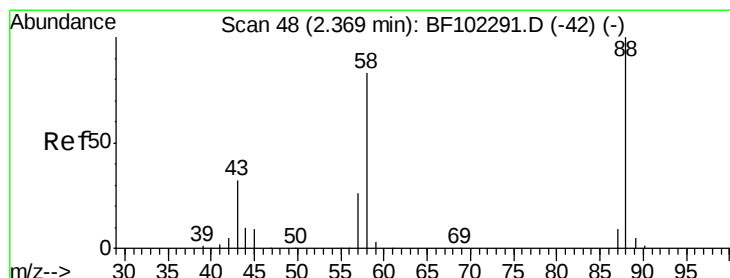
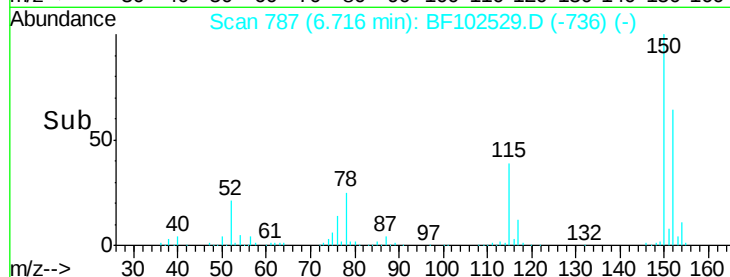
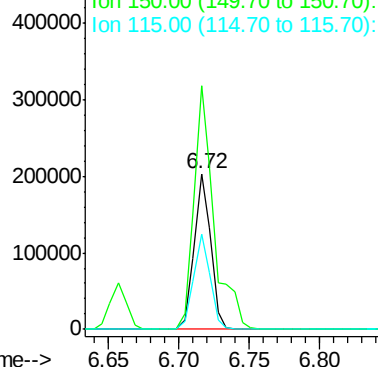
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

Tgt Ion:152 Resp: 166198
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.4 50.1 75.1



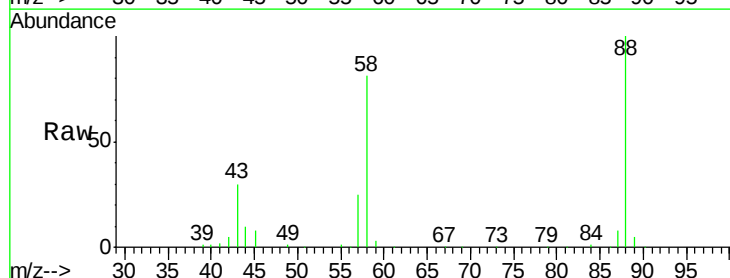
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



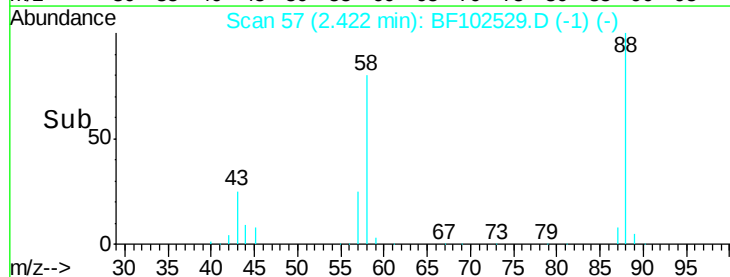
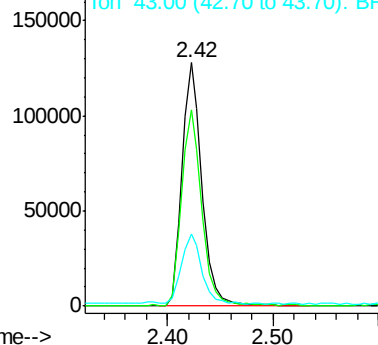
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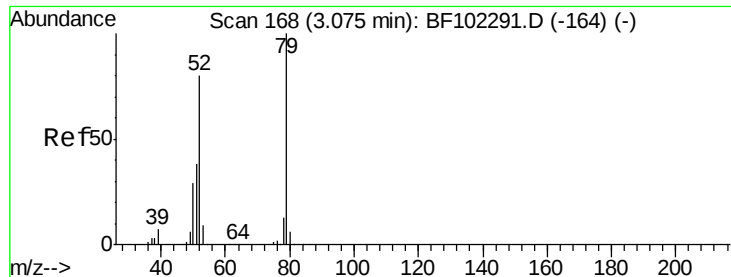
1,4-Dioxane
Concen: 32.703 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.06 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion: 88 Resp: 170313
Ion Ratio Lower Upper
88 100
58 82.2 62.6 93.8
43 29.2 24.6 37.0



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





#3

Pyridine

Concen: 34.710 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.07 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

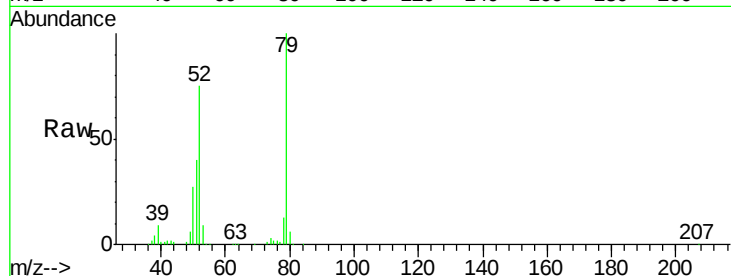
Tgt Ion: 79 Resp: 472395

Ion Ratio Lower Upper

79 100

52 75.2 59.8 89.6

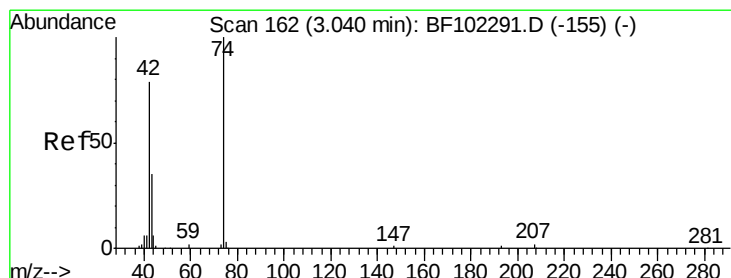
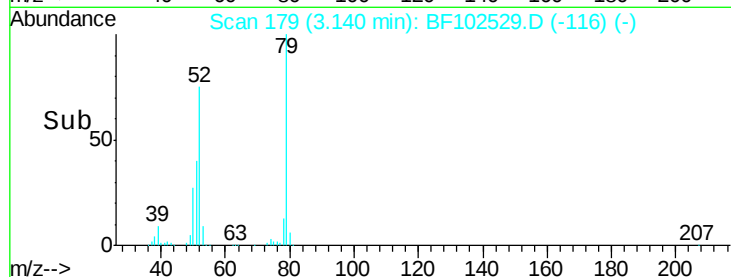
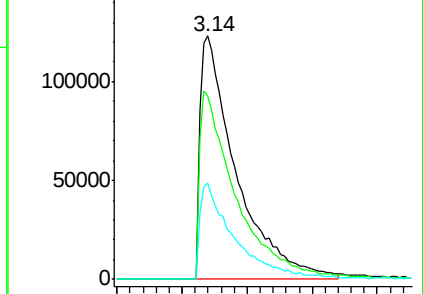
51 39.6 29.8 44.8



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: 44.430 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.06 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

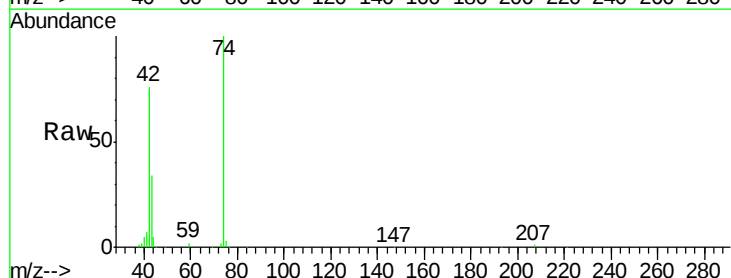
Tgt Ion: 42 Resp: 237060

Ion Ratio Lower Upper

42 100

74 131.5 104.9 157.3

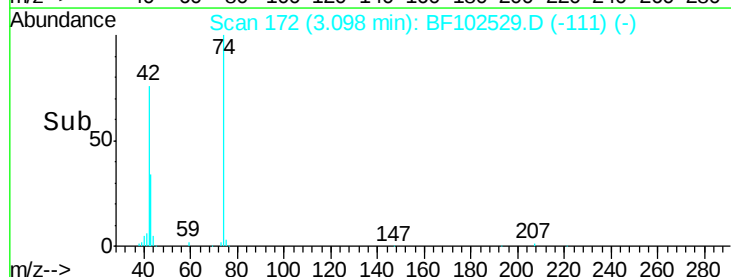
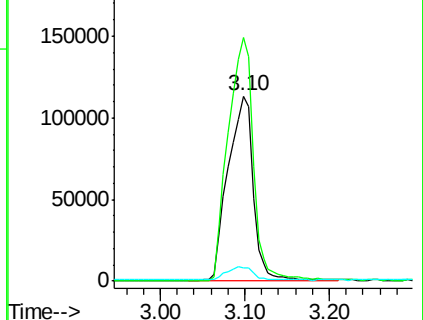
44 7.2 6.9 10.3

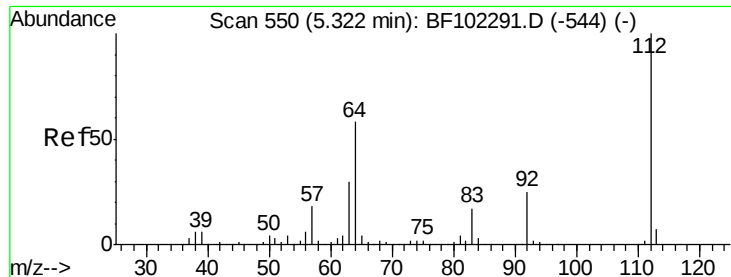


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.710 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

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ClientSampleId :

SB-51-10.5-11.0MS

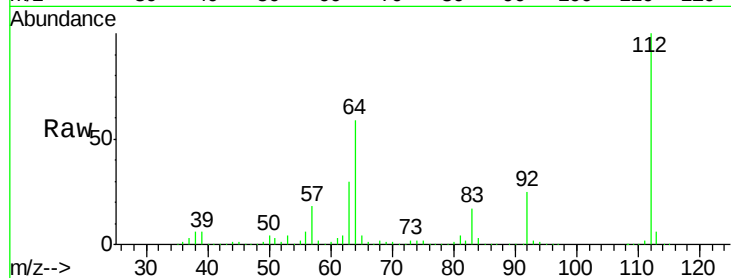
Tgt Ion: 112 Resp: 1334072

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

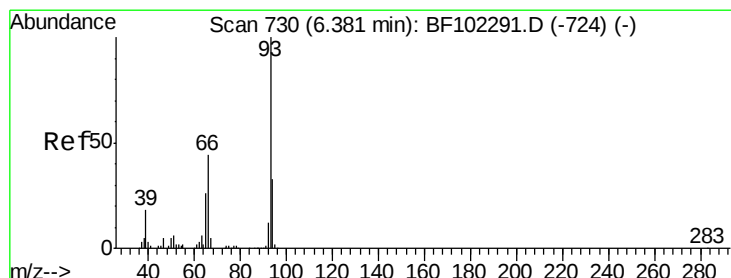
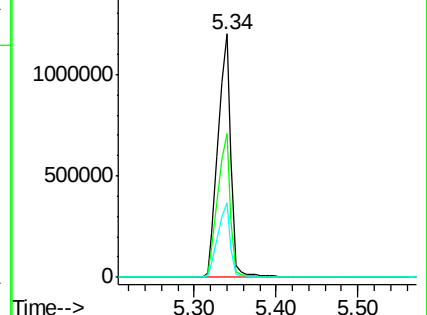
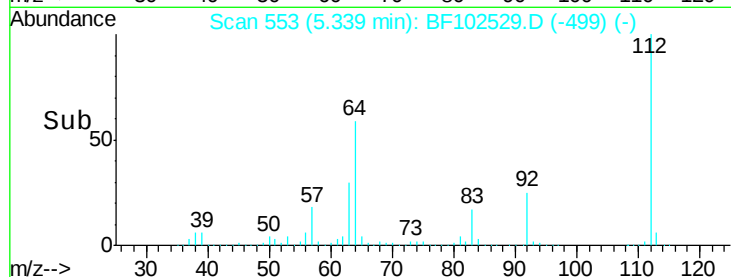
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.840 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

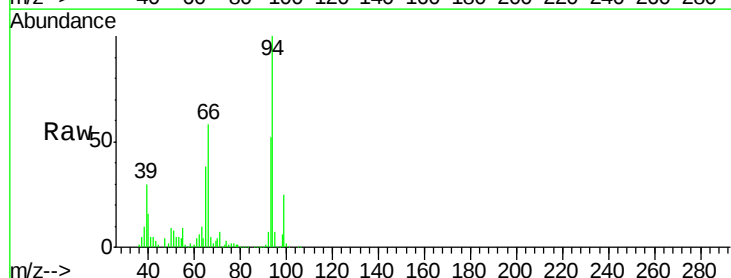
Tgt Ion: 93 Resp: 469132

Ion Ratio Lower Upper

93 100

66 110.5 32.2 48.2#

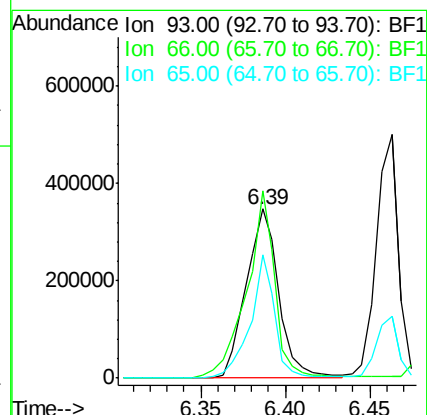
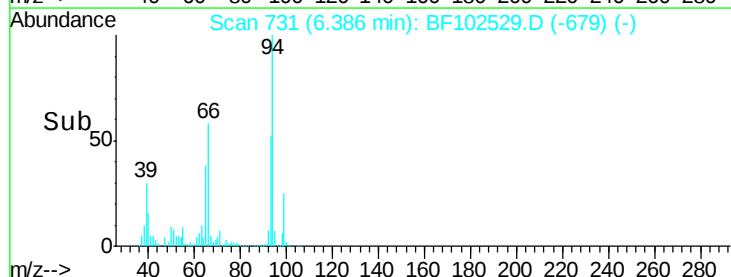
65 73.2 16.4 24.6#

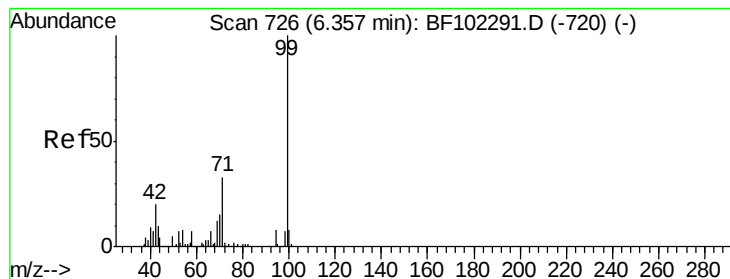


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.888 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102529.D

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SB-51-10.5-11.0MS

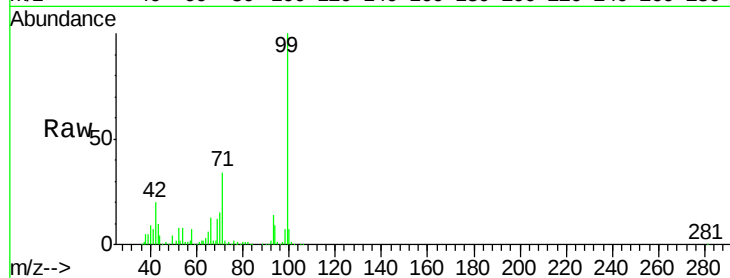
Tgt Ion: 99 Resp: 1571052

Ion Ratio Lower Upper

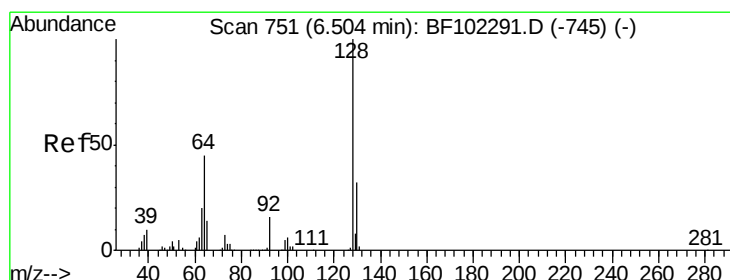
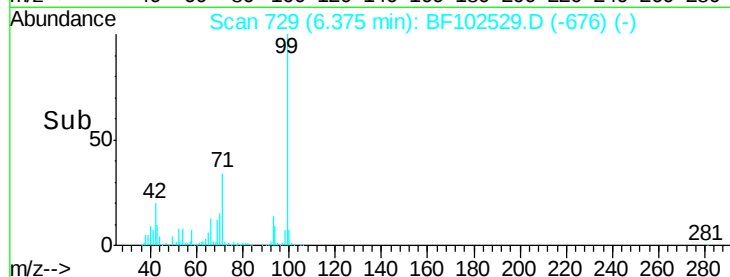
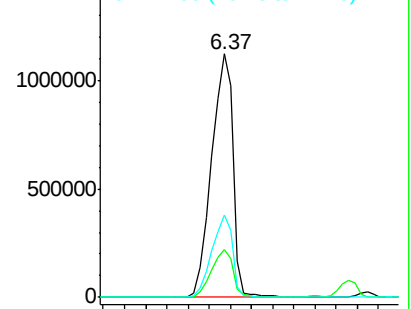
99 100

42 19.6 14.5 21.7

71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.017 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

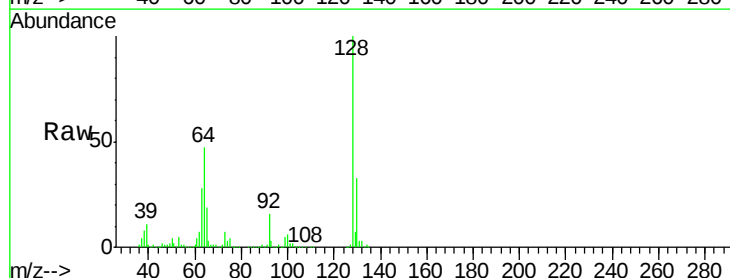
Tgt Ion: 128 Resp: 459796

Ion Ratio Lower Upper

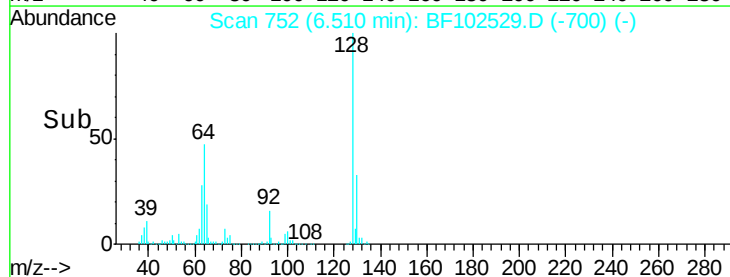
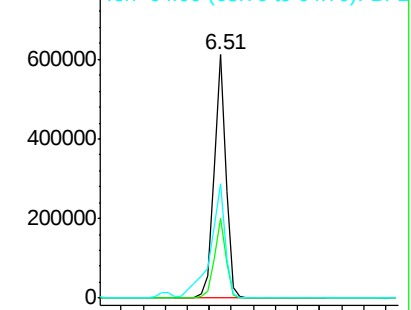
128 100

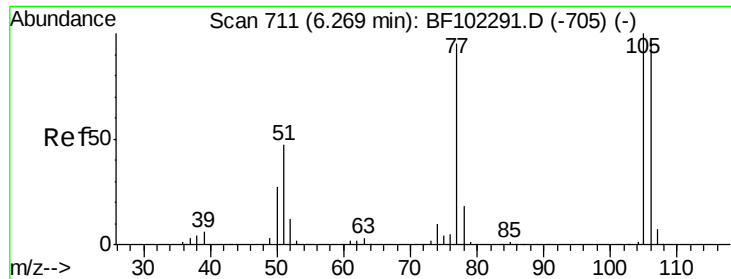
130 32.6 13.0 53.0

64 46.8 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: 26.942 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

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ClientSampleId :

SB-51-10.5-11.0MS

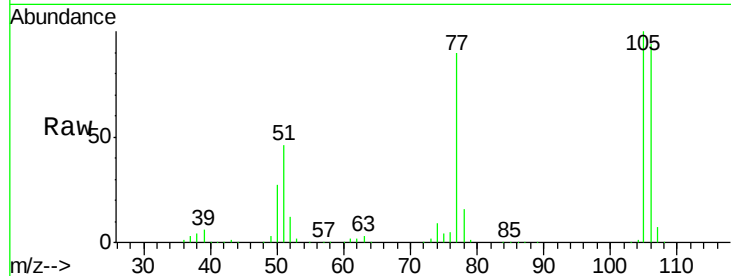
Tgt Ion: 77 Resp: 219701

Ion Ratio Lower Upper

77 100

105 110.8 81.1 121.1

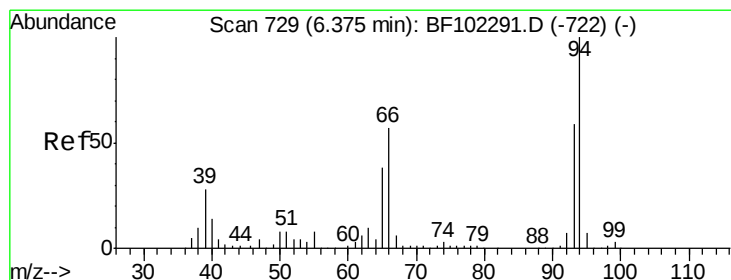
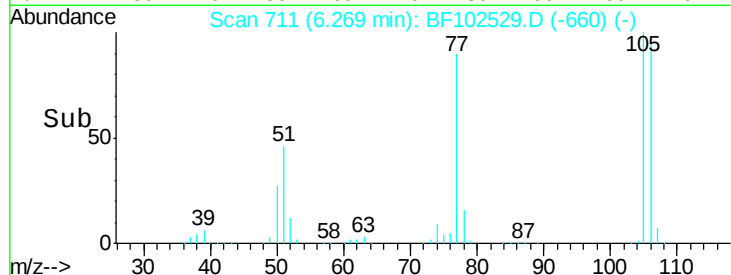
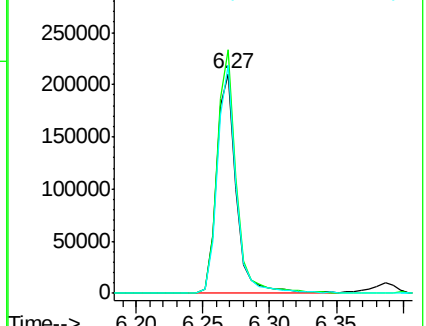
106 104.0 74.5 114.5



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: 41.002 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

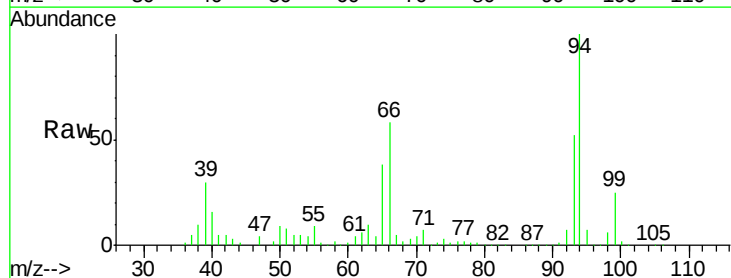
Tgt Ion: 94 Resp: 591525

Ion Ratio Lower Upper

94 100

65 38.2 7.9 47.9

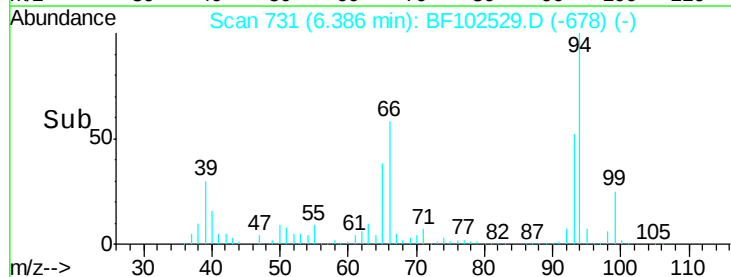
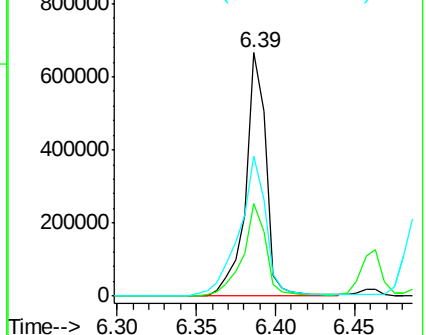
66 57.7 16.2 56.2#

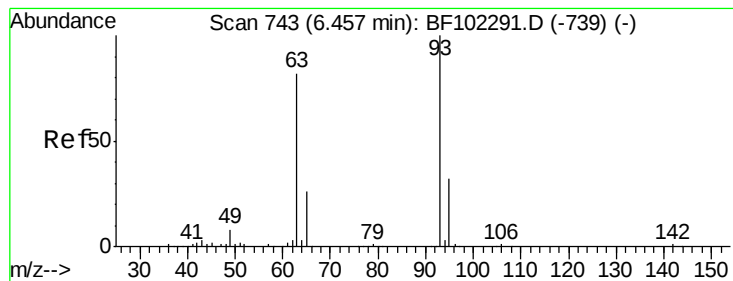


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.812 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

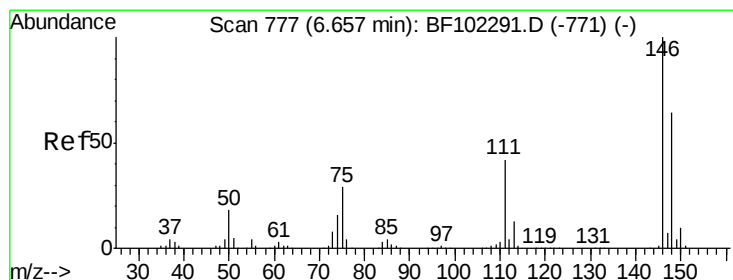
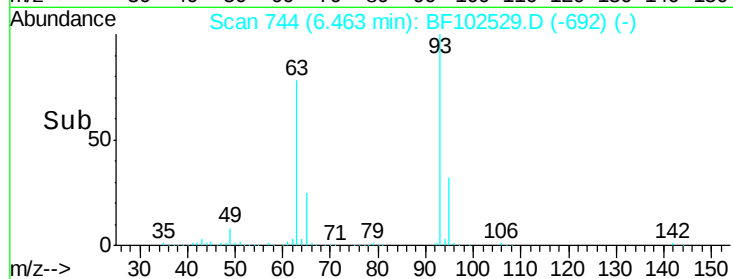
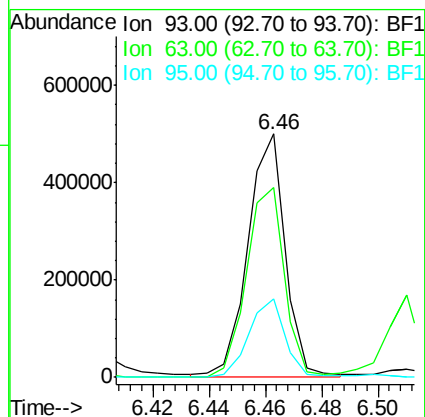
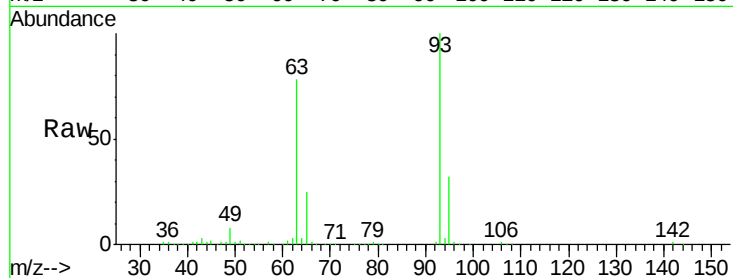
Tgt Ion: 93 Resp: 458783

Ion Ratio Lower Upper

93 100

63 78.1 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.182 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

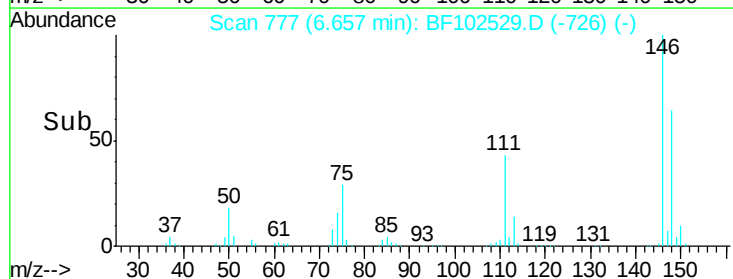
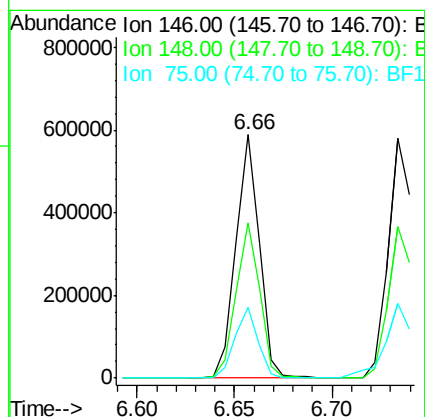
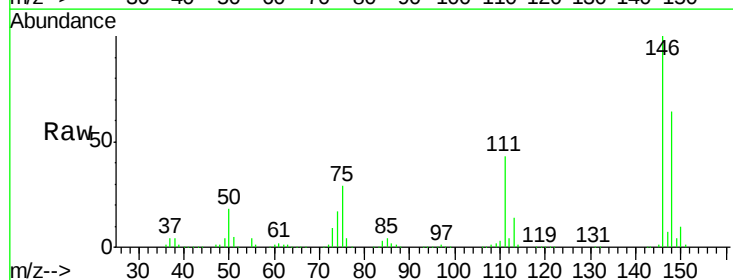
Tgt Ion: 146 Resp: 494429

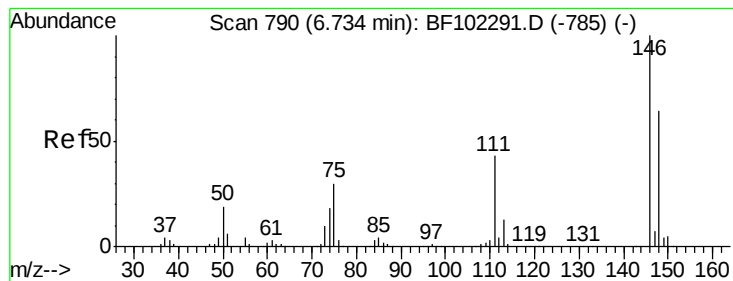
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 29.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.835 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

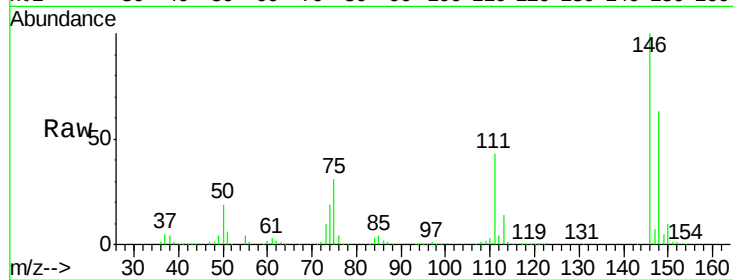
Tgt Ion:146 Resp: 504221

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

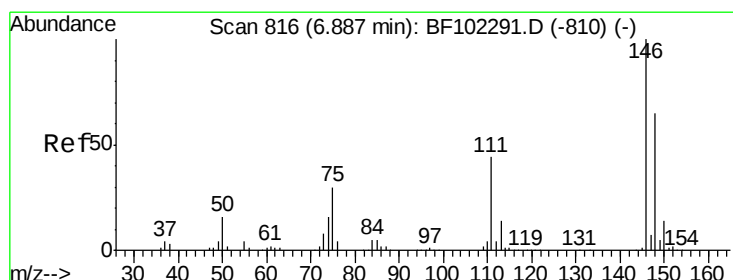
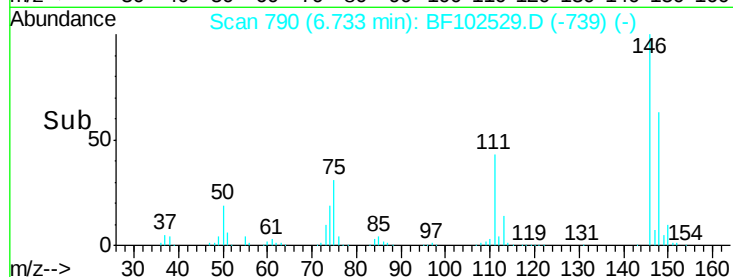
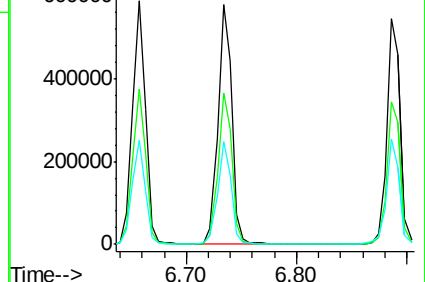
111 42.6 34.2 51.2



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: 36.281 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

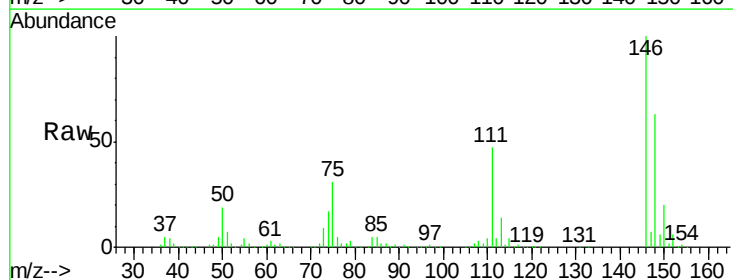
Tgt Ion:146 Resp: 454266

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

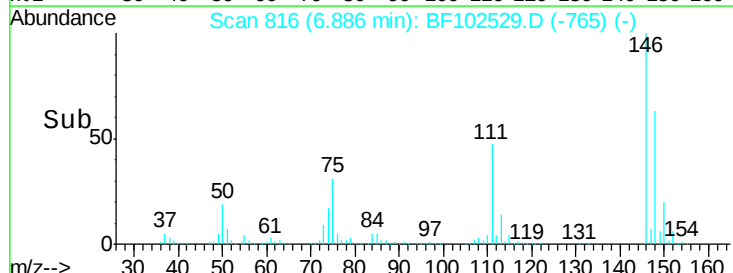
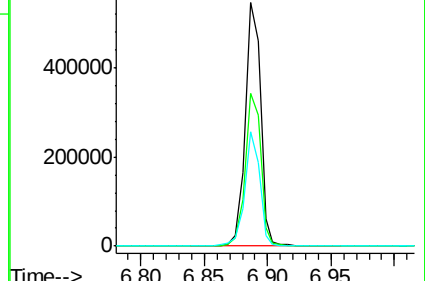
111 46.7 36.0 54.0

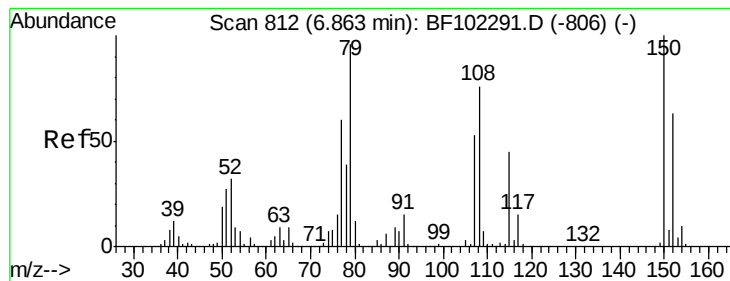


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.007 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

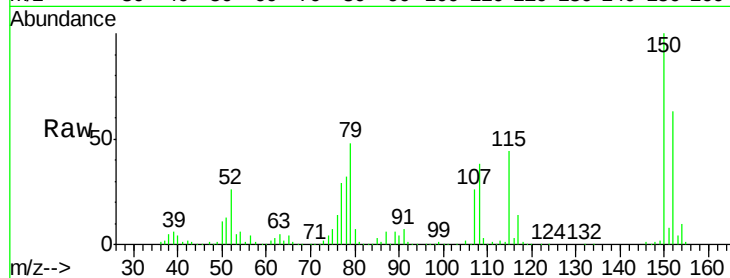
Tgt Ion: 79 Resp: 335717

Ion Ratio Lower Upper

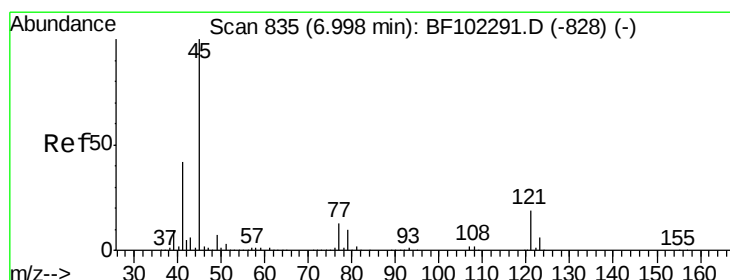
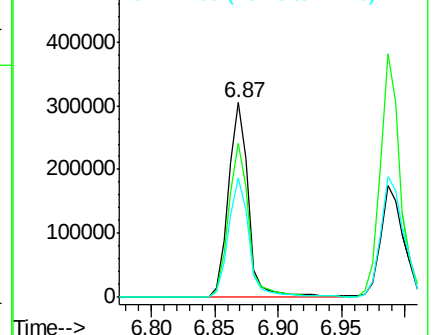
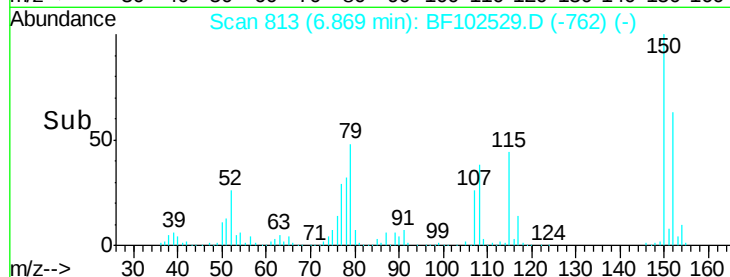
79 100

108 78.8 65.1 97.7

77 61.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.709 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

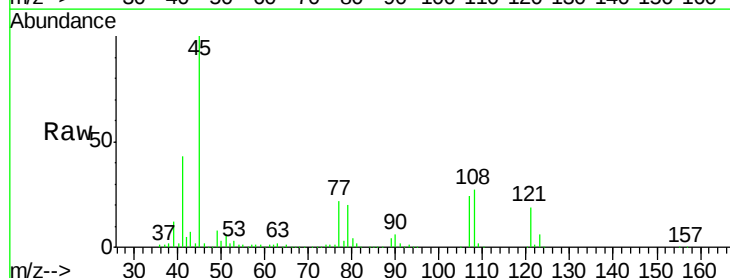
Tgt Ion: 45 Resp: 675556

Ion Ratio Lower Upper

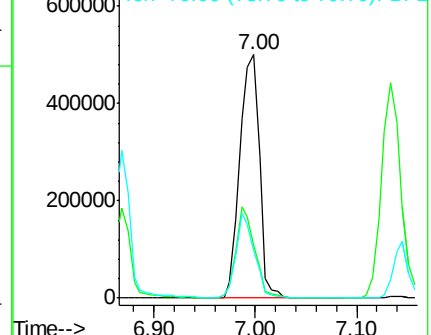
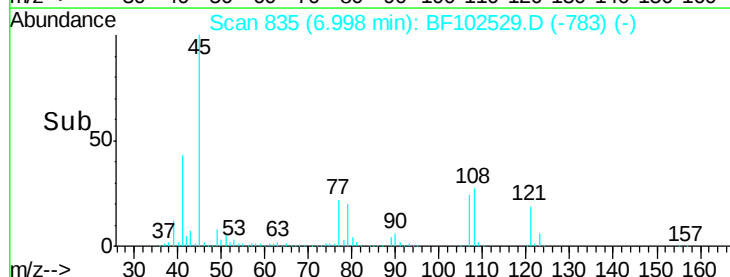
45 100

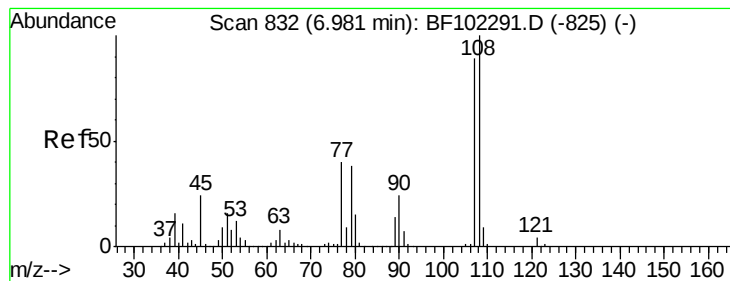
77 21.9 0.0 32.9

79 19.7 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

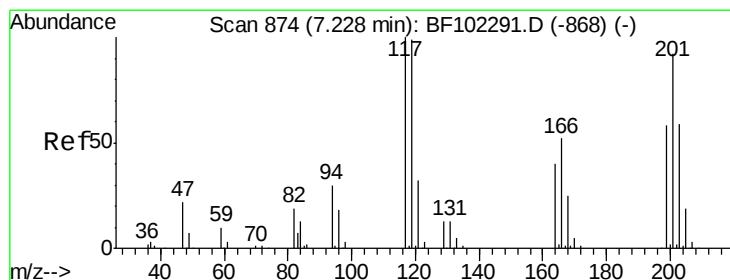
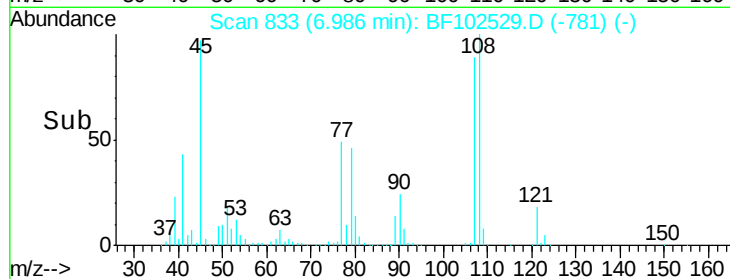
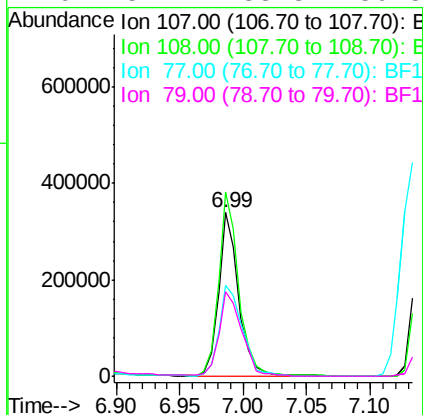
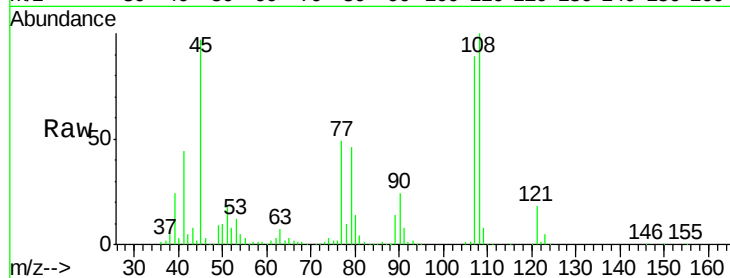




#17
2-Methylphenol
Concen: 36.882 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

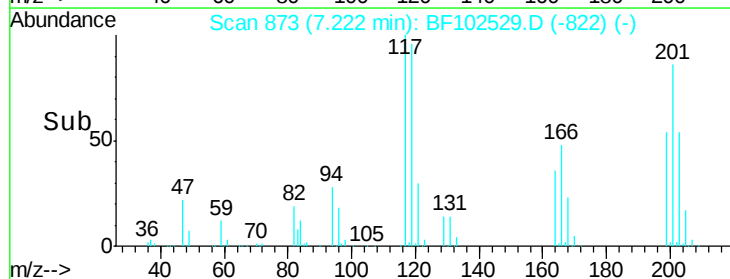
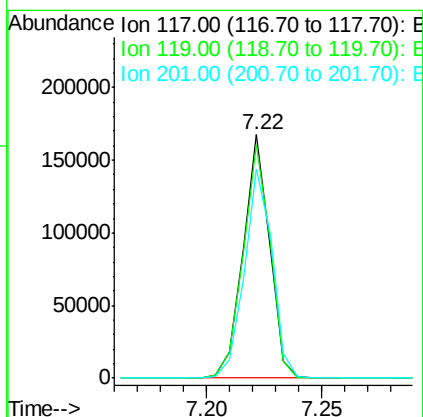
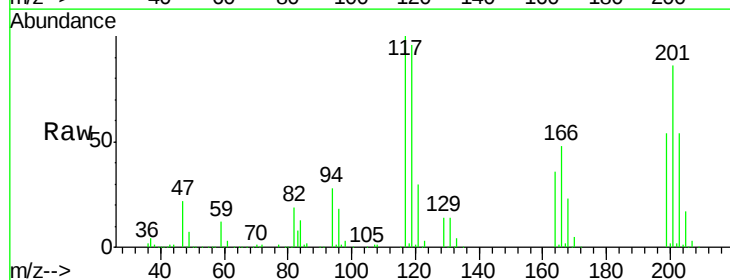
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

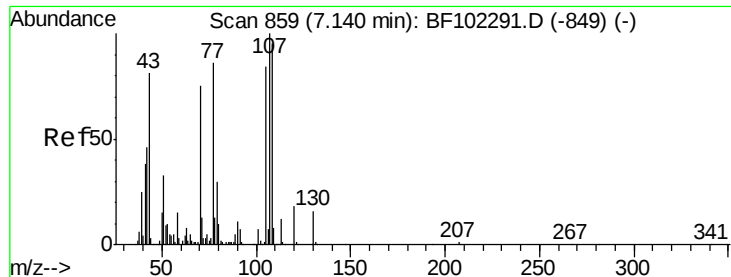
Tgt Ion:107 Resp: 368047
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 55.6 33.8 50.8#
79 51.7 33.8 50.8#



#18
Hexachloroethane
Concen: 28.100 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:117 Resp: 134038
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 86.0 75.7 113.5

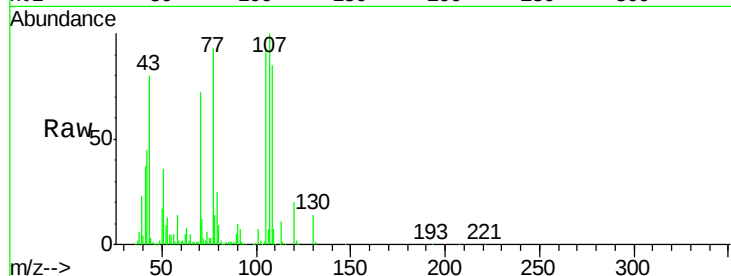




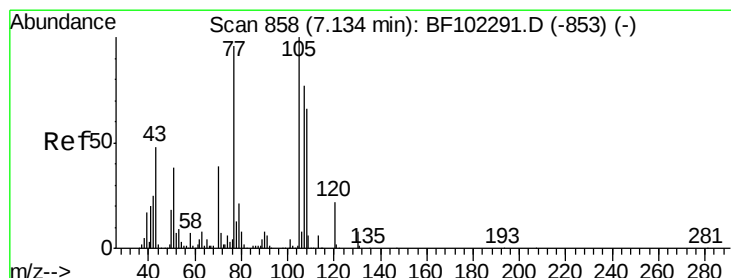
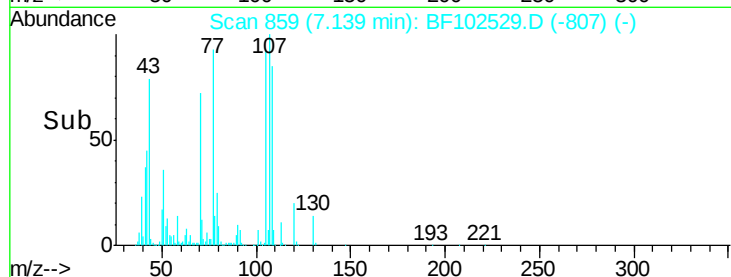
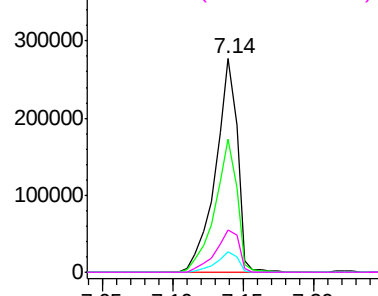
#19
n-Nitroso-di-n-propylamine
Concen: 37.205 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

Tgt Ion: 70 Resp: 300873
Ion Ratio Lower Upper
70 100
42 62.4 47.5 71.3
101 9.6 7.4 11.2
130 19.7 16.6 25.0

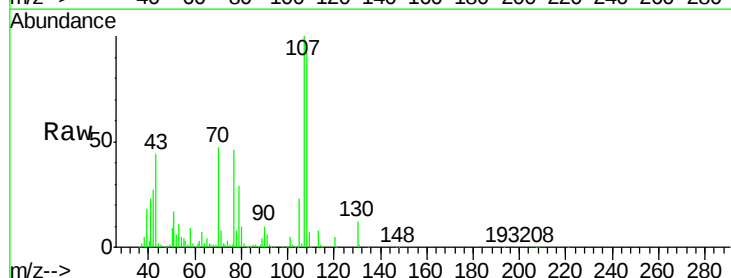


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

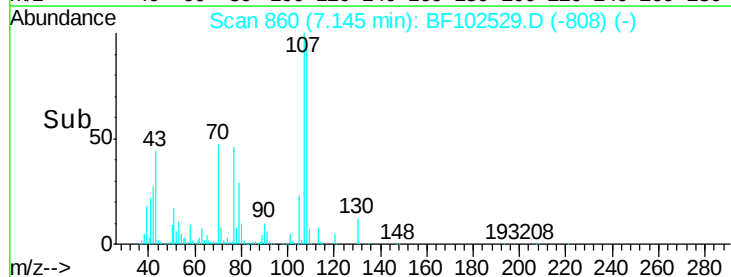
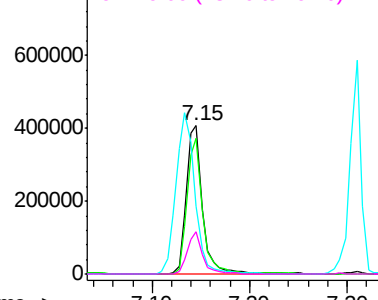


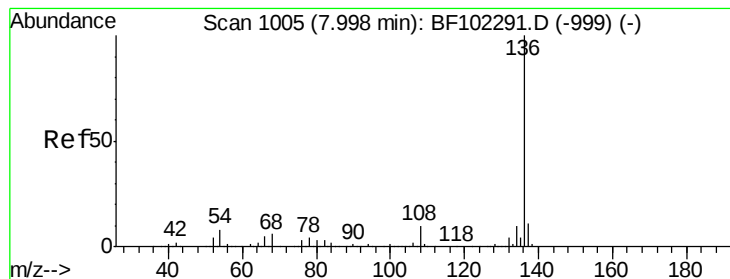
#20
3+4-Methylphenols
Concen: 39.641 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion: 107 Resp: 465245
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 45.9 26.7 66.7
79 28.7 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

Tgt Ion:136 Resp: 667539

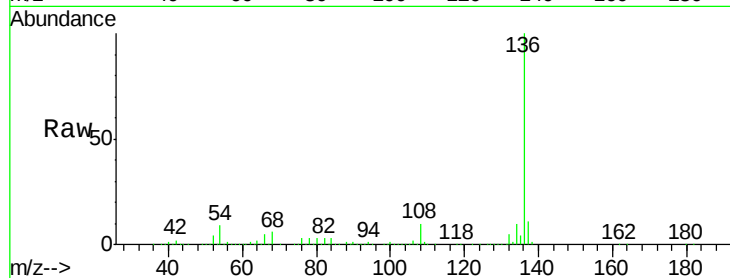
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.8 6.6 9.8

68 5.8 5.0 7.4

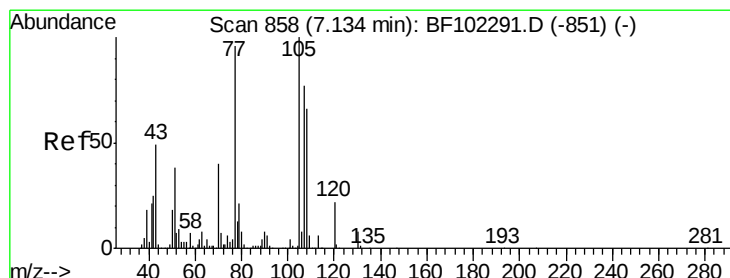
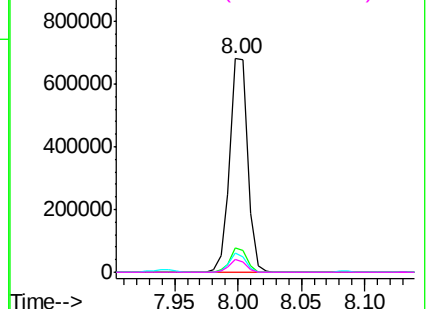
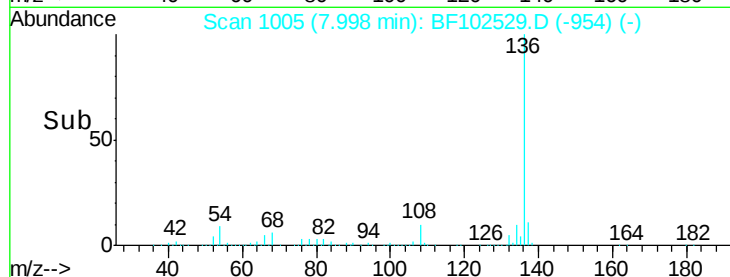


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.388 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Tgt Ion:105 Resp: 626778

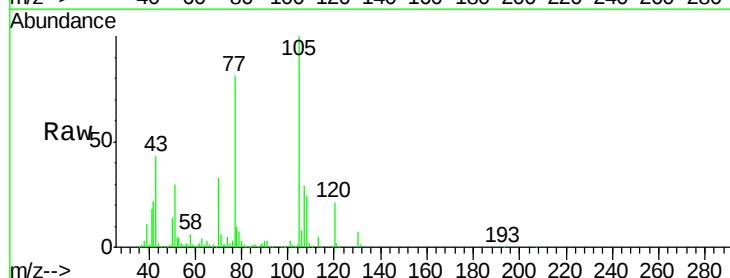
Ion Ratio Lower Upper

105 100

71 5.7 4.4 6.6

51 30.2 22.3 33.5

120 21.5 16.9 25.3

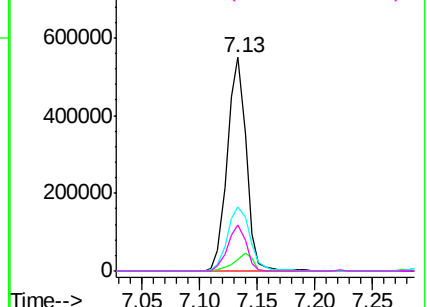
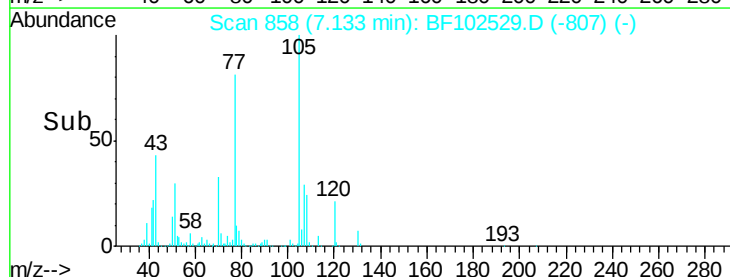


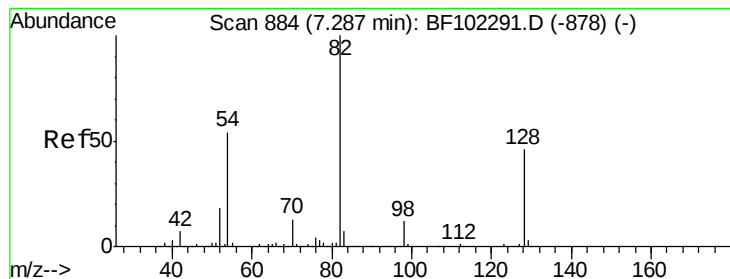
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.552 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

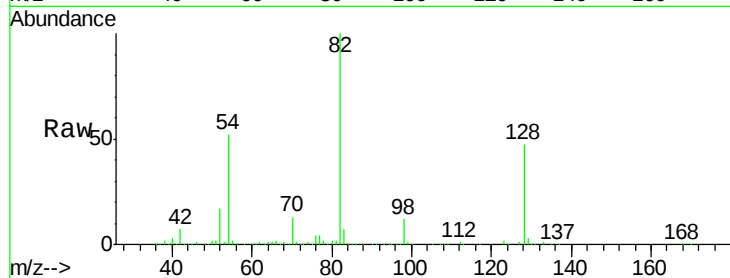
Tgt Ion: 82 Resp: 1005395

Ion Ratio Lower Upper

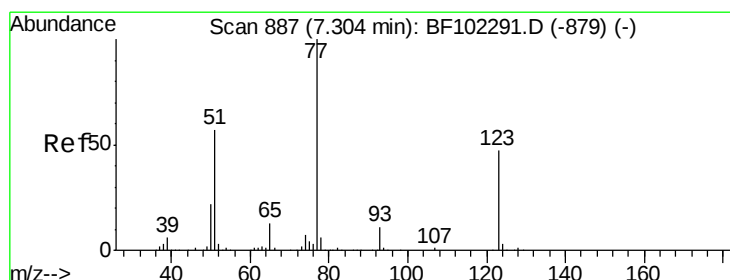
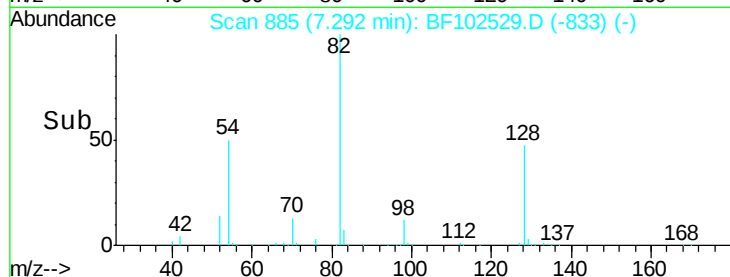
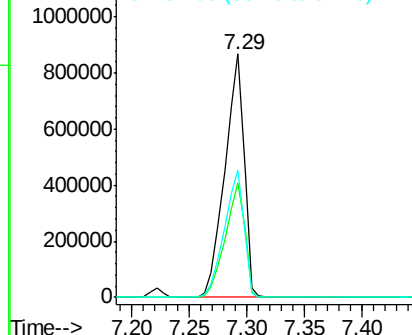
82 100

128 47.0 36.1 54.1

54 52.1 41.4 62.2



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



#24

Nitrobenzene

Concen: 38.678 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

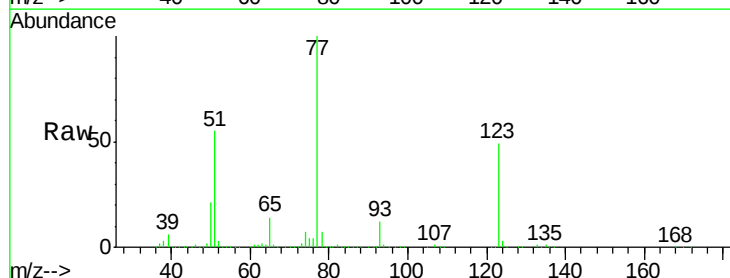
Tgt Ion: 77 Resp: 459785

Ion Ratio Lower Upper

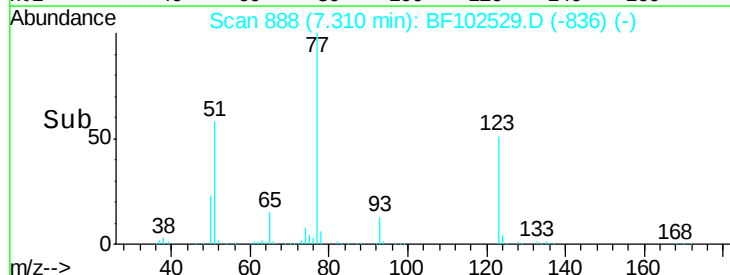
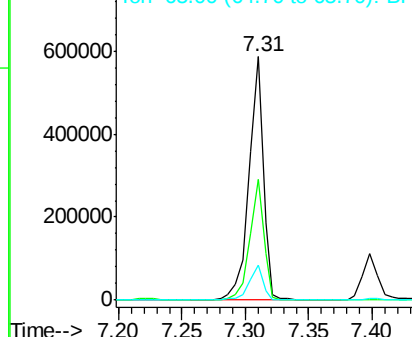
77 100

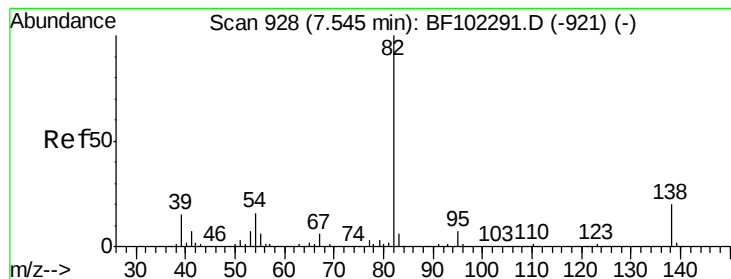
123 49.5 37.9 56.9

65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 41.259 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

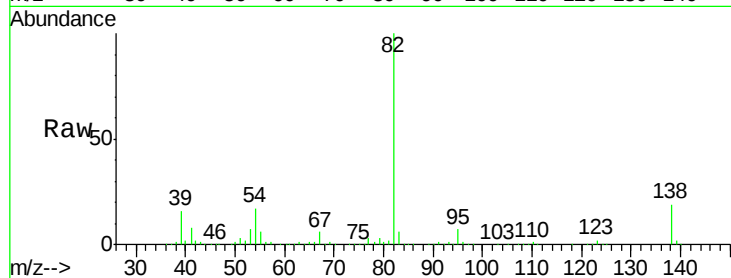
Tgt Ion: 82 Resp: 854417

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

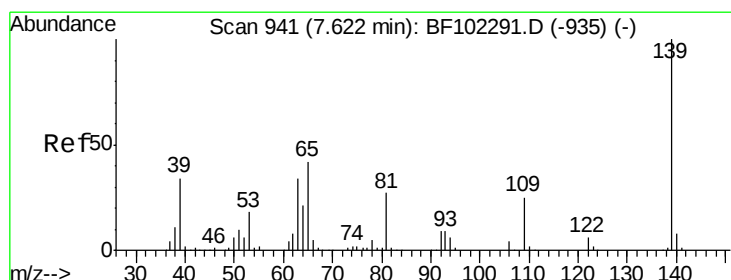
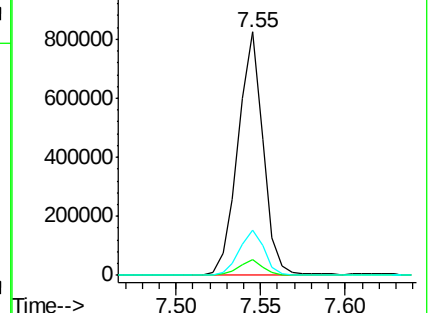
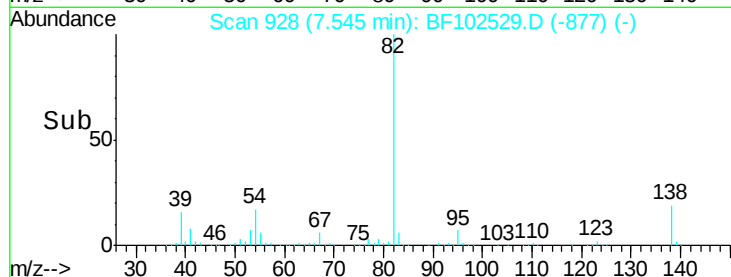
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.980 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

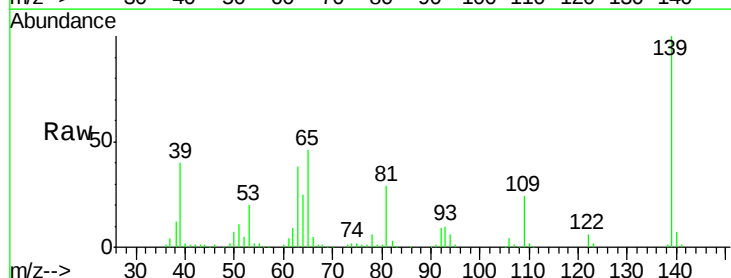
Tgt Ion: 139 Resp: 225109

Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

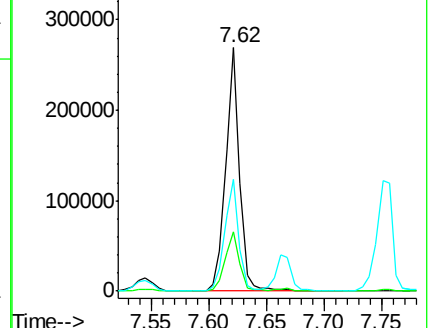
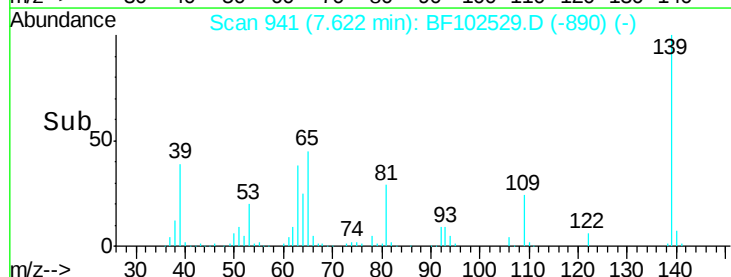
65 46.2 40.5 60.7

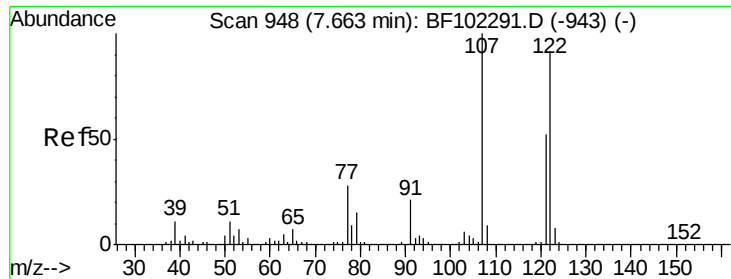


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

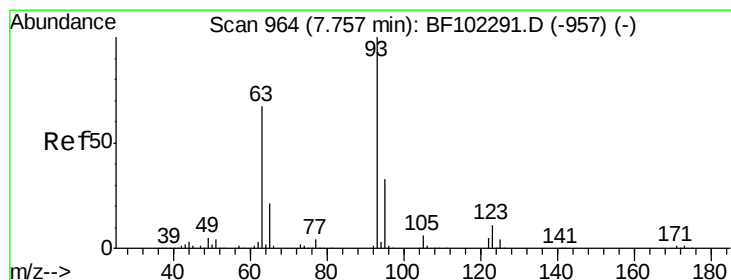
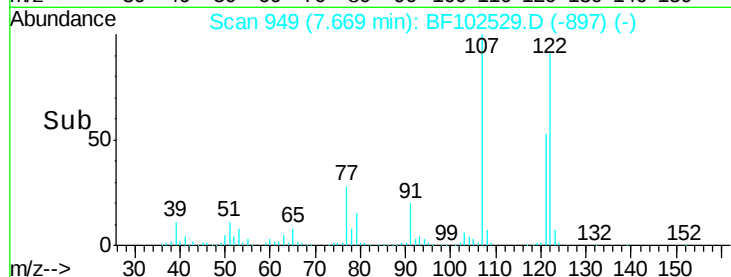
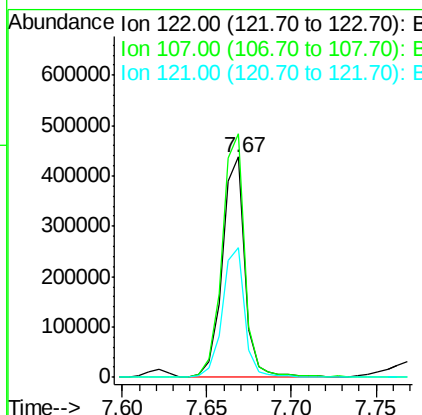
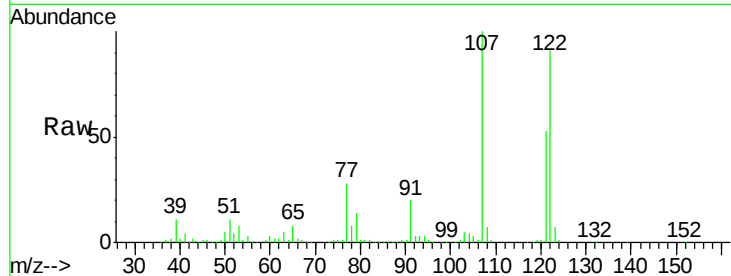




#27
 2,4-Dimethylphenol
 Concen: 44.967 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

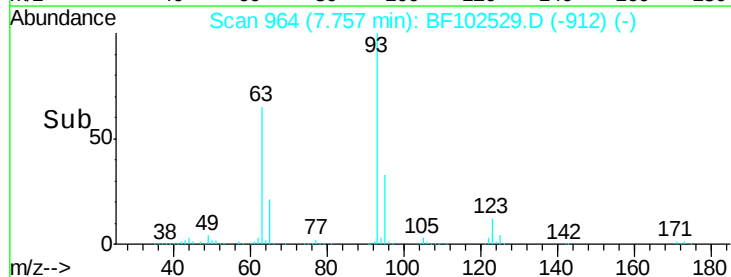
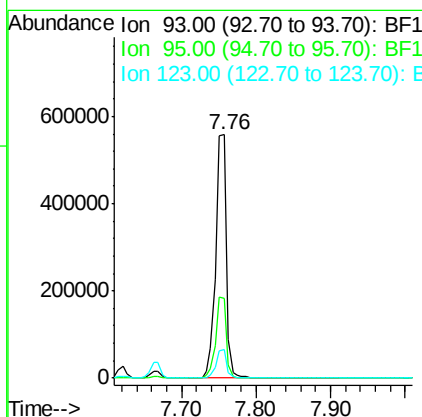
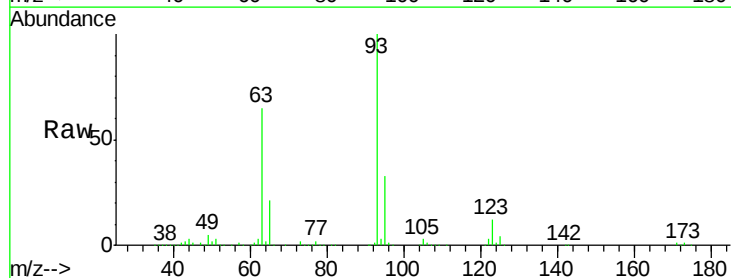
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

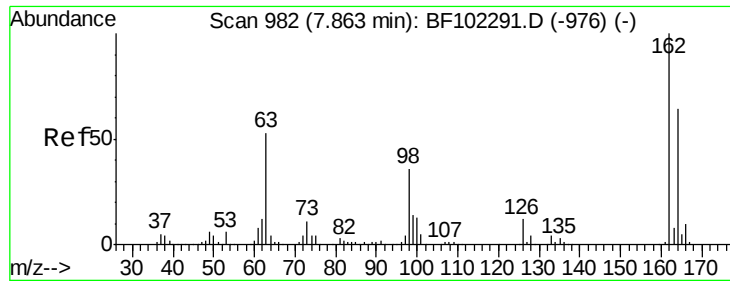
Tgt Ion:122 Resp: 408515
 Ion Ratio Lower Upper
 122 100
 107 110.5 91.2 136.8
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.140 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion: 93 Resp: 551864
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.5 9.8 14.6

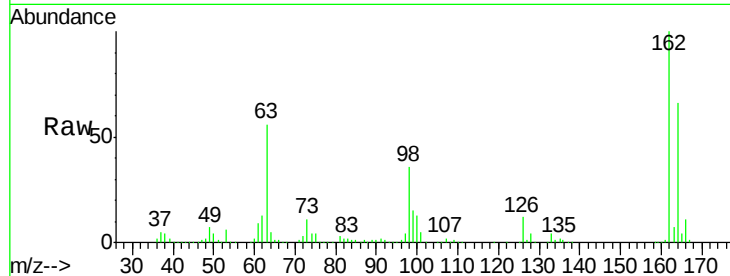




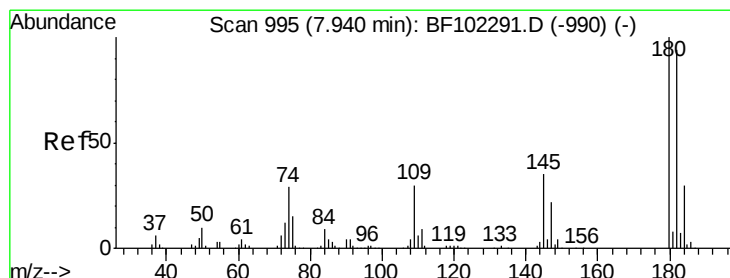
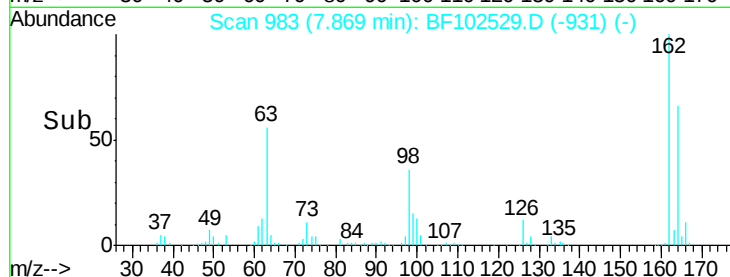
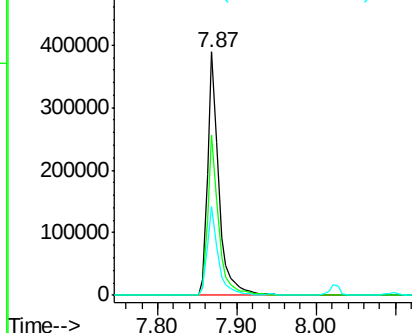
#29
2,4-Dichlorophenol
Concen: 41.572 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	36.3	18.1	58.1

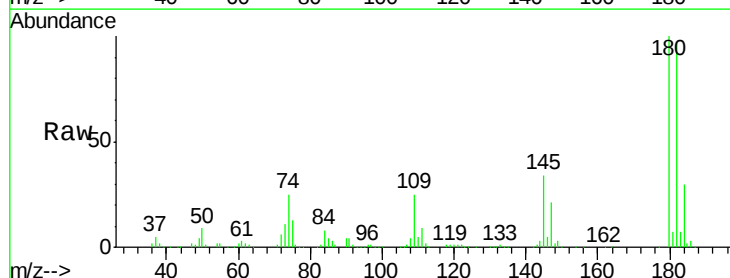


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

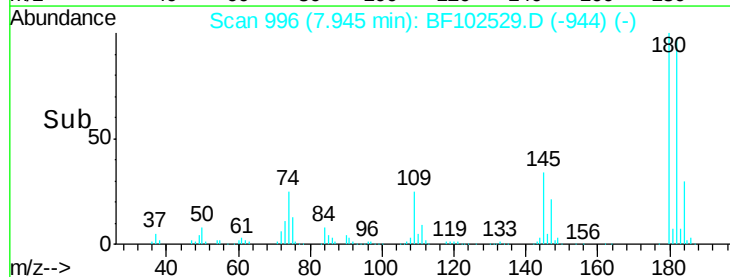
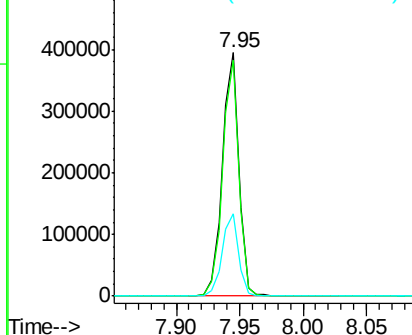


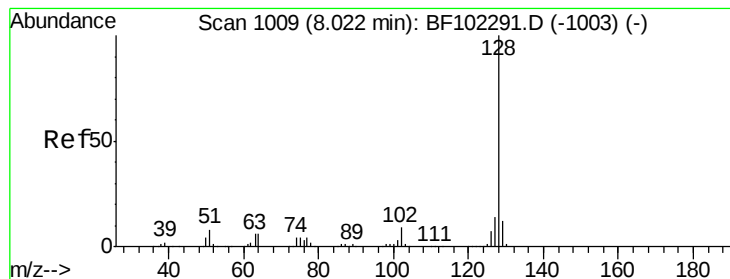
#30
1,2,4-Trichlorobenzene
Concen: 36.253 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	33.6	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: 37.716 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

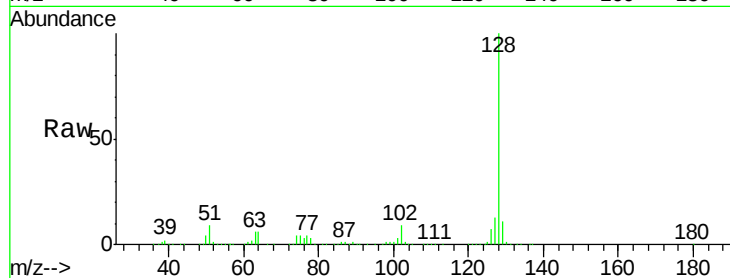
Tgt Ion:128 Resp: 1257043

Ion Ratio Lower Upper

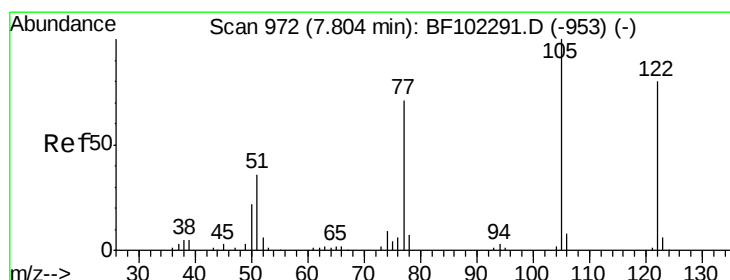
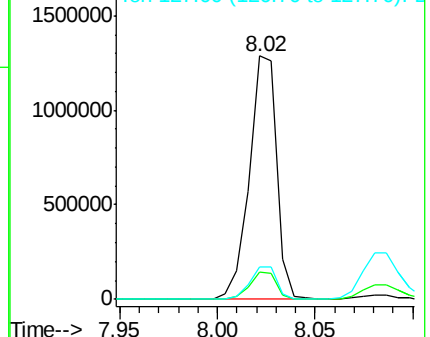
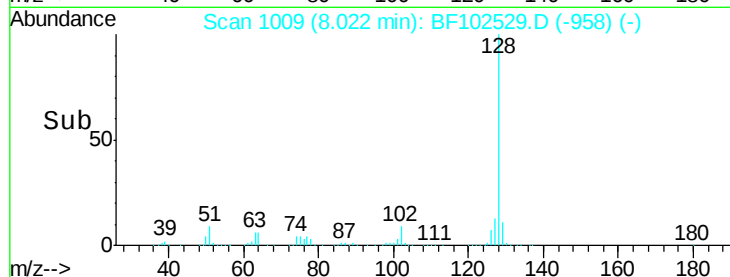
128 100

129 11.2 8.8 13.2

127 13.3 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: 6.069 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

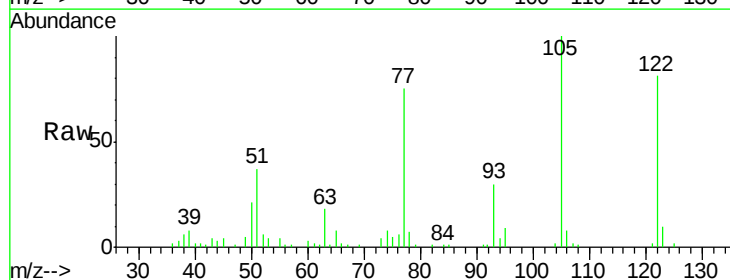
Tgt Ion:122 Resp: 46193

Ion Ratio Lower Upper

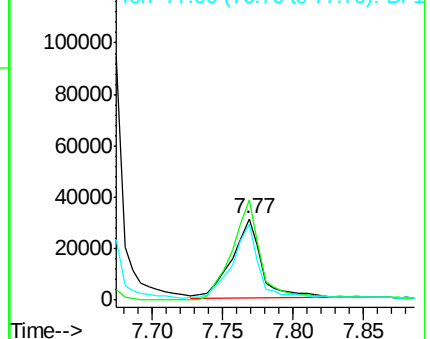
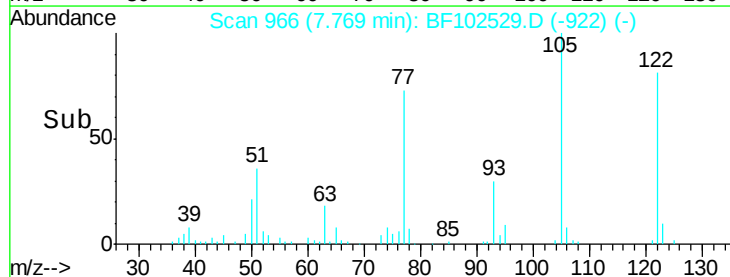
122 100

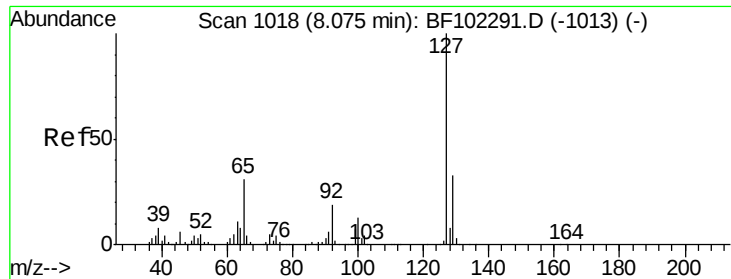
105 123.6 101.1 141.1

77 93.2 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

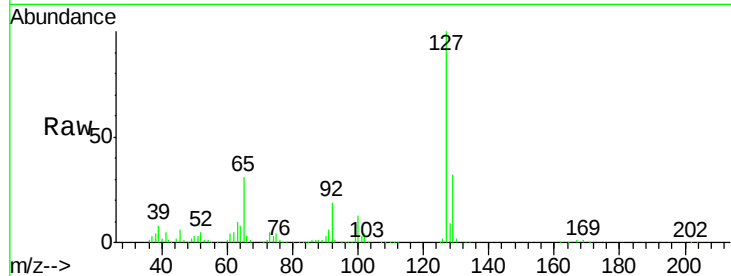




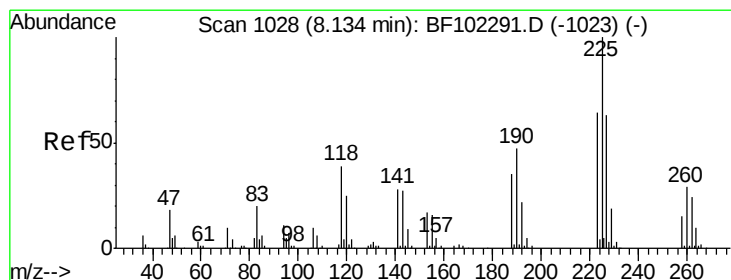
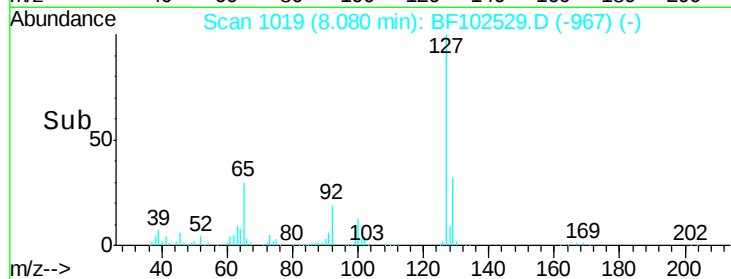
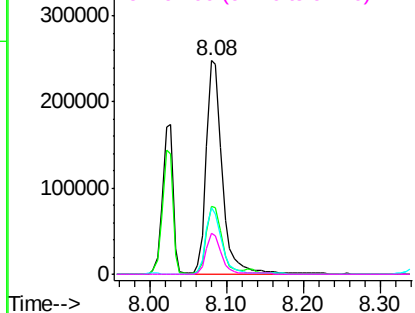
#33
4-Chloroaniline
Concen: 25.554 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

Tgt Ion:	127	Resp:	358144
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	31.2	25.0	37.4
92	19.2	15.2	22.8

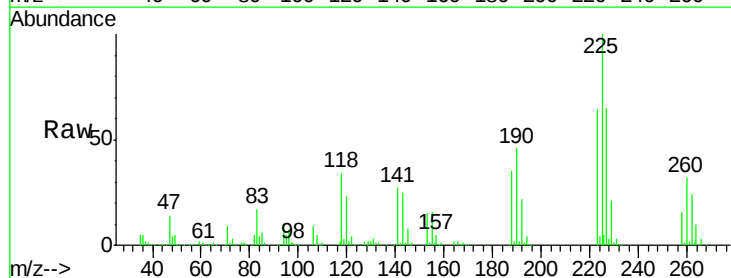


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

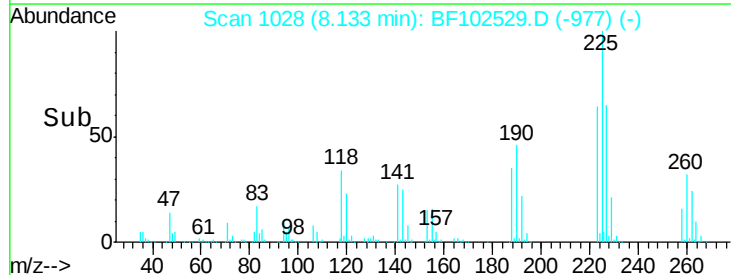
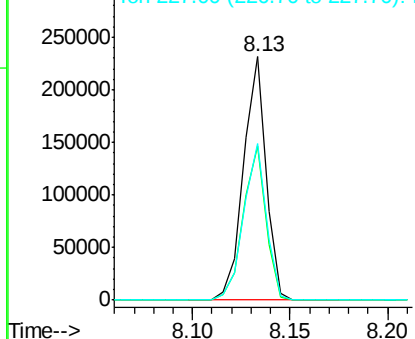


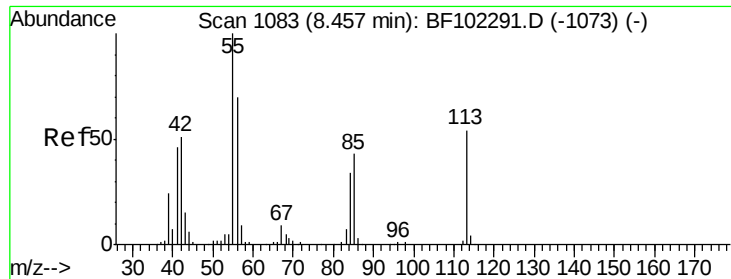
#34
Hexachlorobutadiene
Concen: 35.198 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:	225	Resp:	186483
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.5	51.9	77.9



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

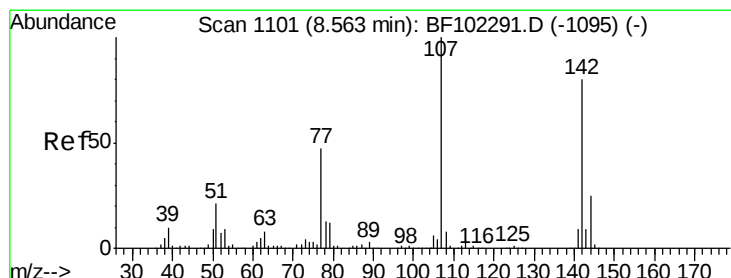
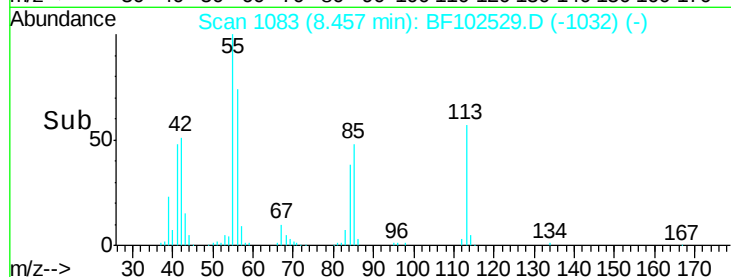
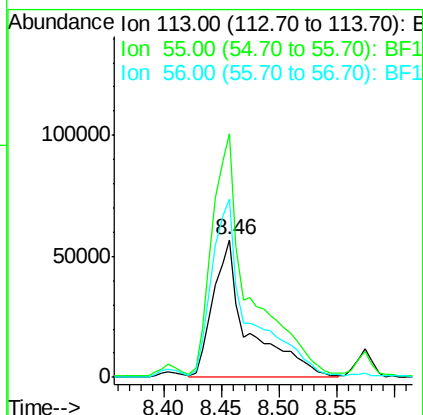
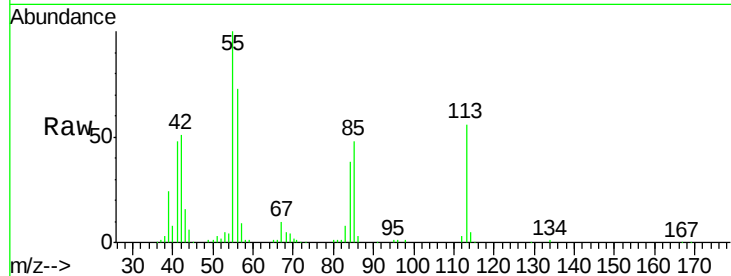




#35
 Caprolactam
 Concen: 39.810 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

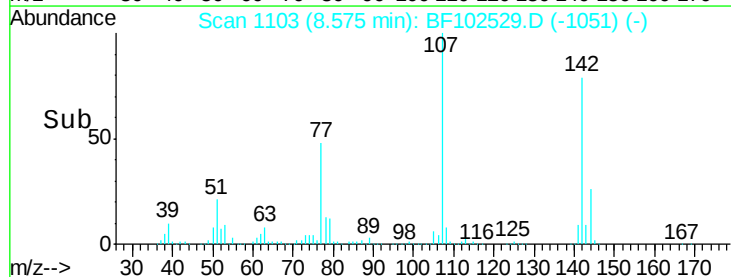
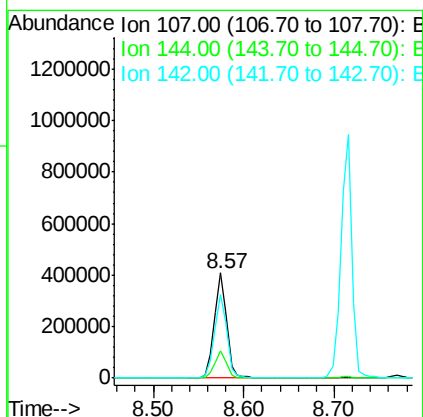
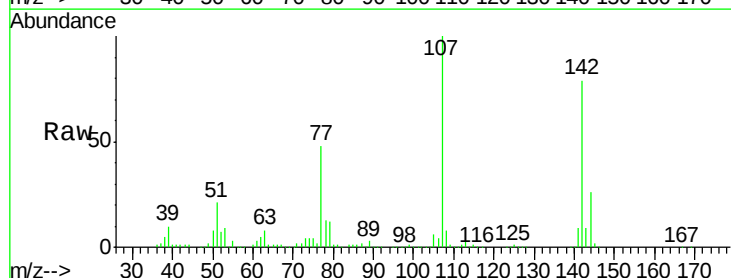
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

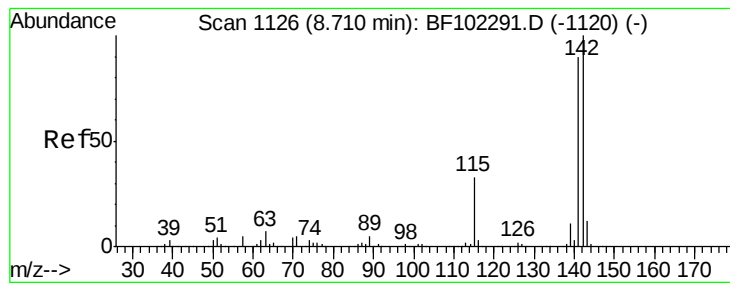
Tgt Ion:113 Resp: 121669
 Ion Ratio Lower Upper
 113 100
 55 177.3 163.3 203.3
 56 130.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.384 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:107 Resp: 393924
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.076 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

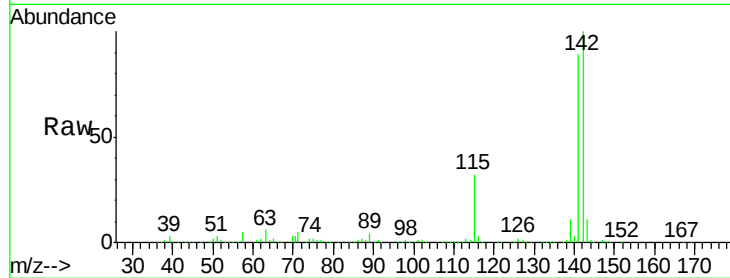
Tgt Ion:142 Resp: 822959

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

115 32.0 26.1 39.1



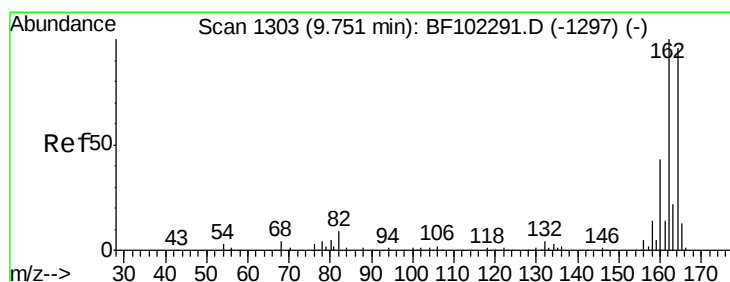
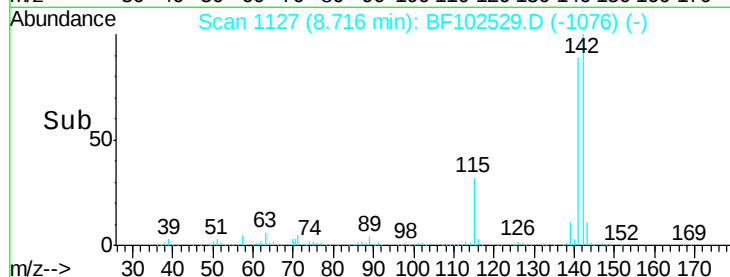
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.72

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

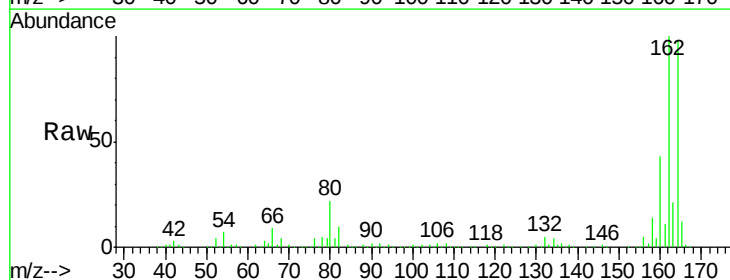
Tgt Ion:164 Resp: 272271

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

160 44.0 38.3 57.5



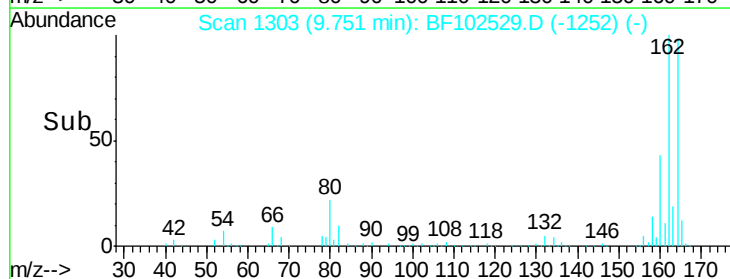
Abundance Ion 164.00 (163.70 to 164.70): E

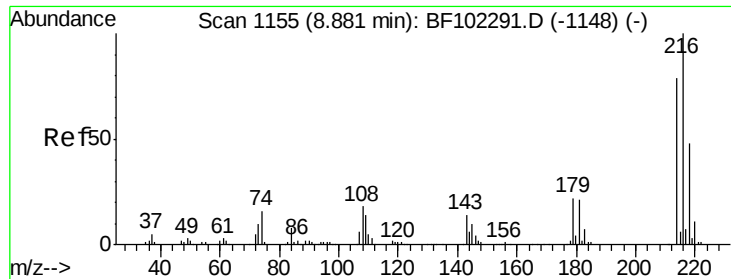
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.75

Time-->

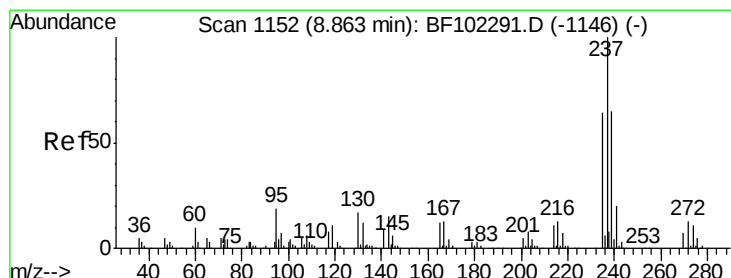
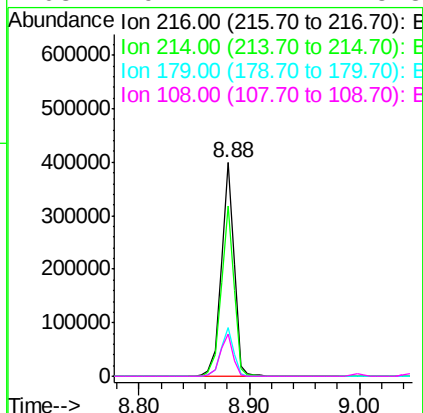
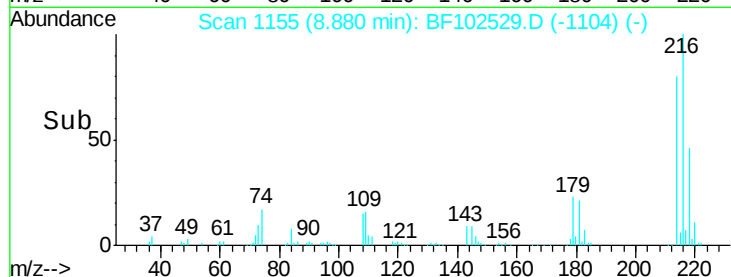
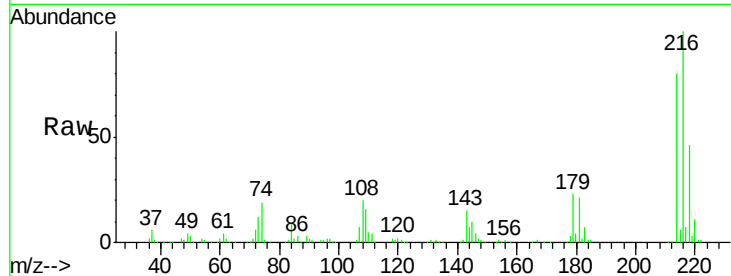




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.438 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

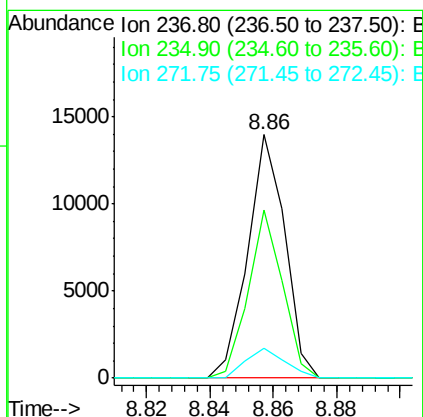
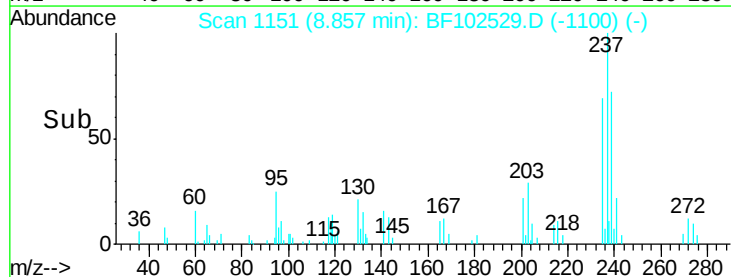
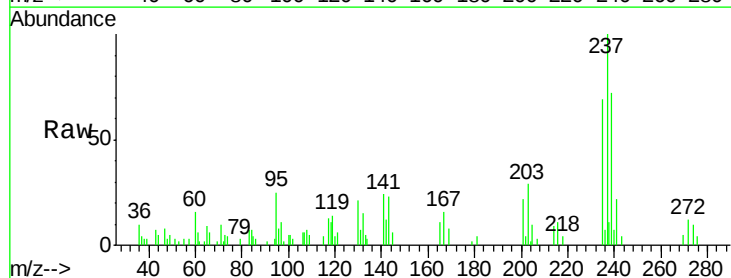
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

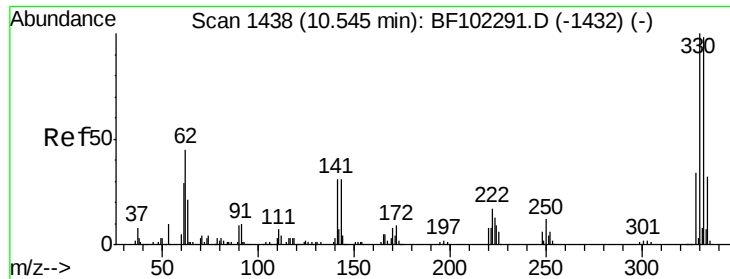
Tgt Ion:	216	Resp:	323059
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.8	18.1	27.1
108	19.7	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 3.098 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:	237	Resp:	11358
Ion	Ratio	Lower	Upper
237	100		
235	69.1	44.8	84.8
272	12.1	0.0	33.3

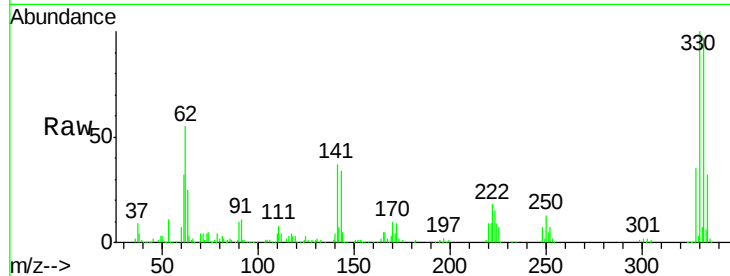




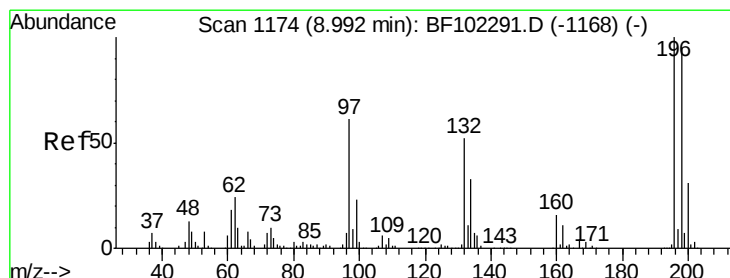
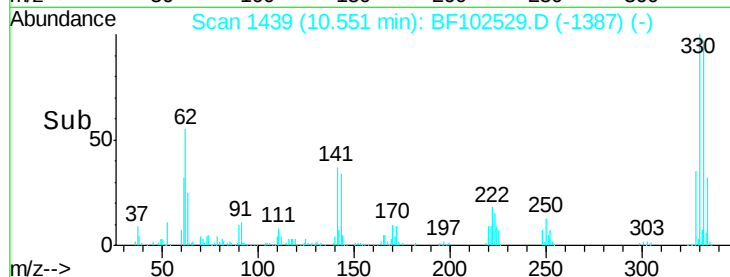
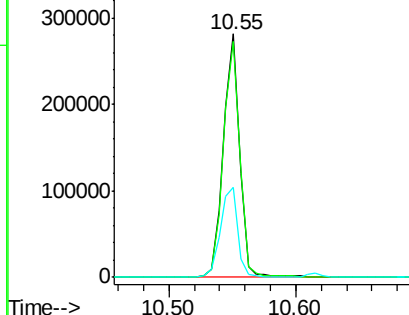
#41
 2,4,6-Tribromophenol
 Concen: 94.179 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

Tgt Ion:330 Resp: 254078
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 39.8 29.9 44.9

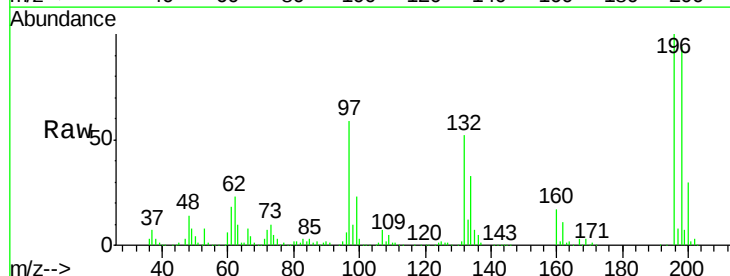


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

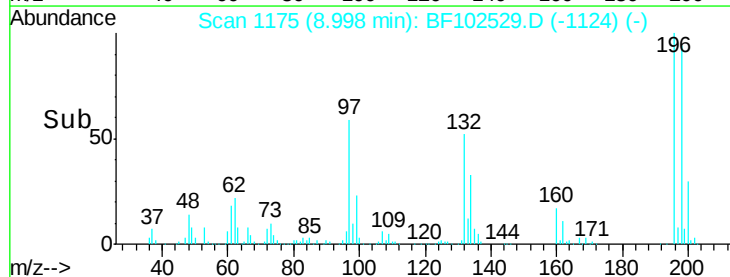
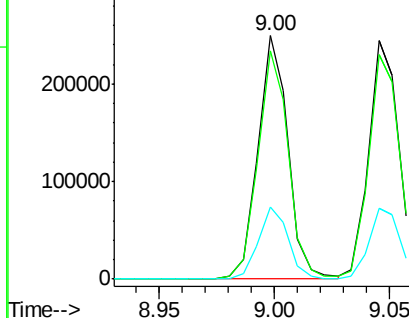


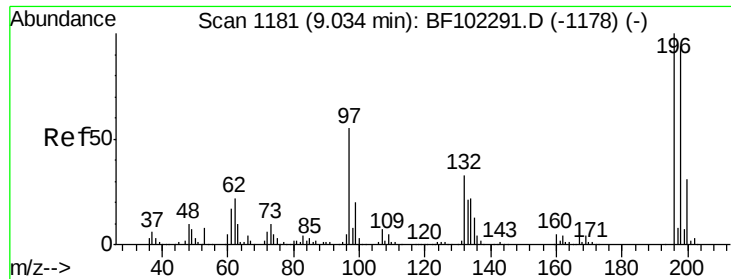
#42
 2,4,6-Trichlorophenol
 Concen: 41.343 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:196 Resp: 226710
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 200 29.8 24.5 36.7



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

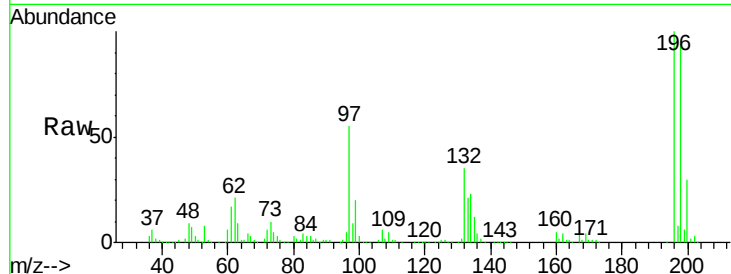




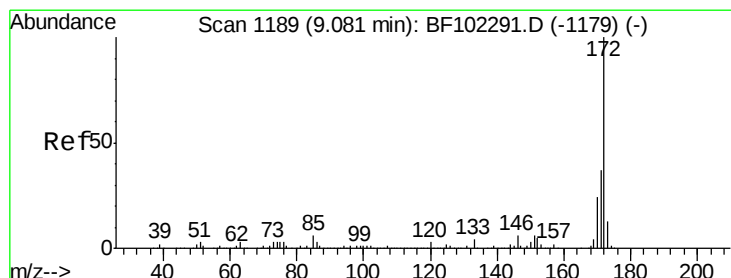
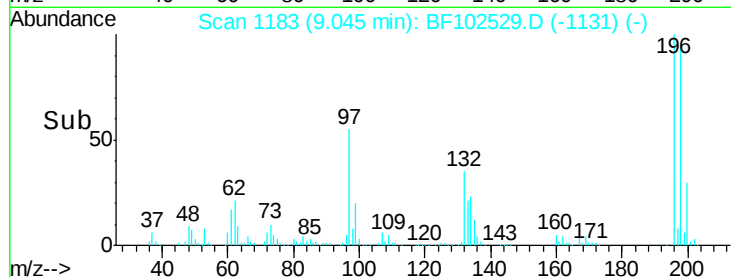
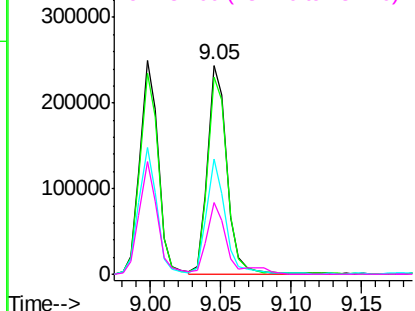
#43
 2,4,5-Trichlorophenol
 Concen: 37.522 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

Tgt Ion:	196	Resp:	231671
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	54.9	42.9	64.3
132	34.5	26.3	39.5

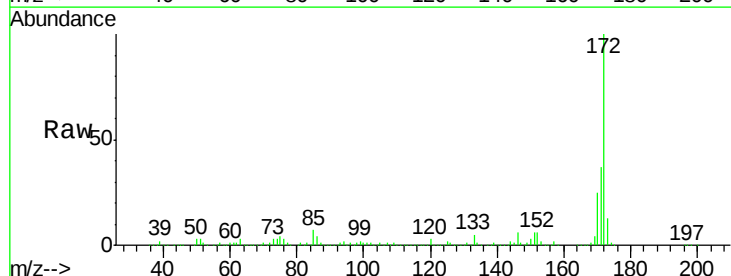


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

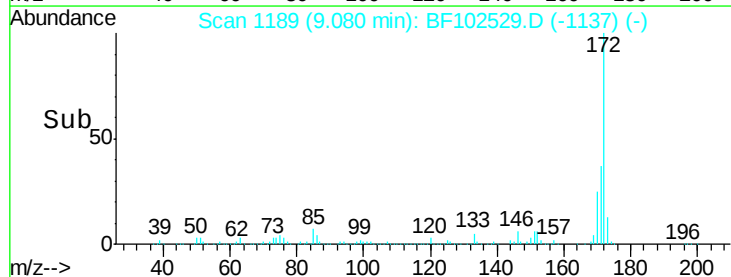
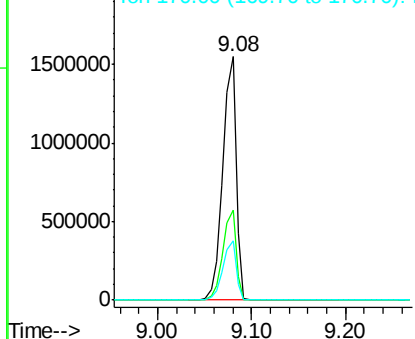


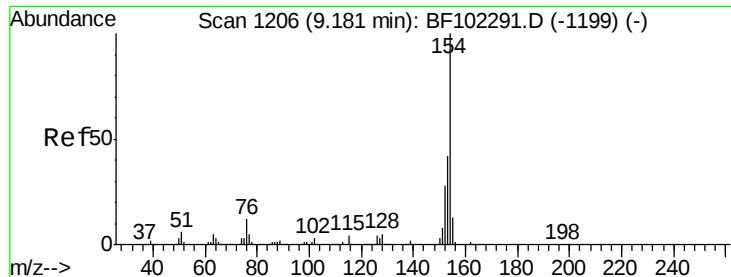
#44
 2-Fluorobiphenyl
 Concen: 83.710 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:	172	Resp:	1550090
Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

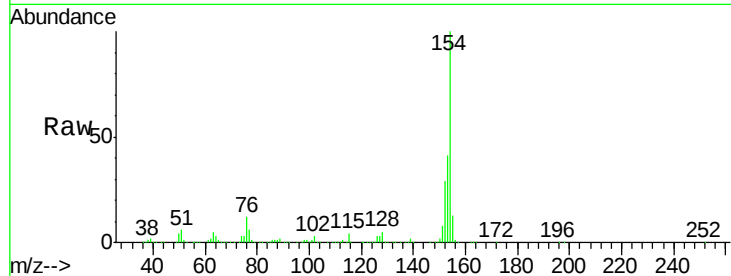




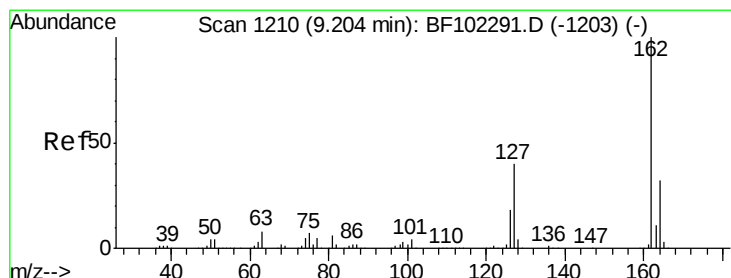
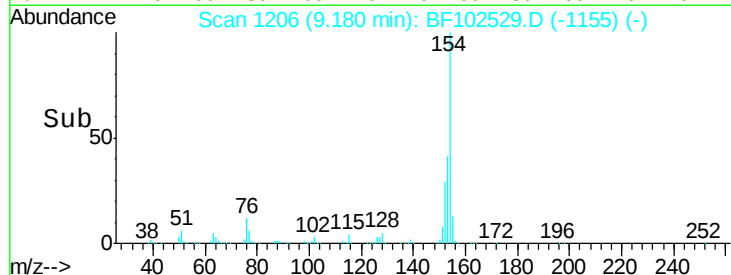
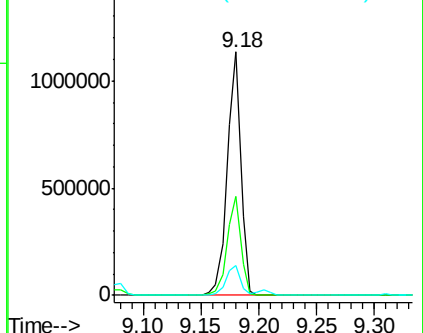
#45
 1,1'-Biphenyl
 Concen: 38.334 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.4	0.0	34.0

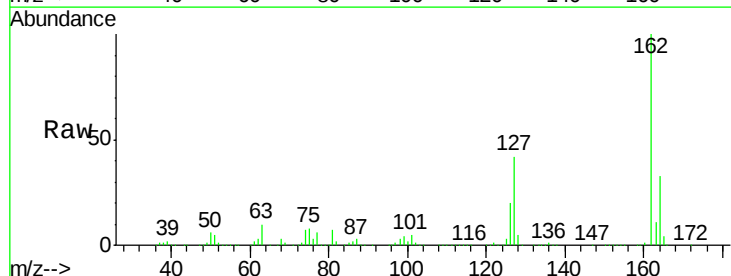


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

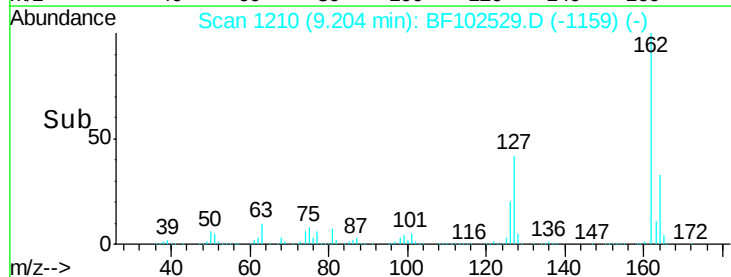
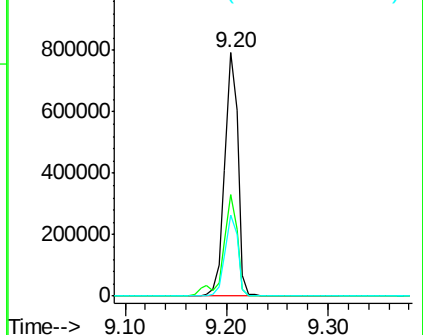


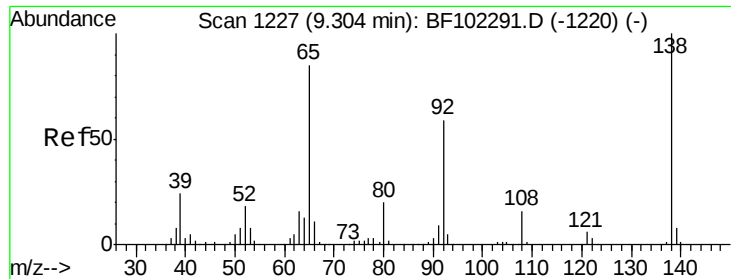
#46
 2-Chloronaphthalene
 Concen: 37.773 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	33.1	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

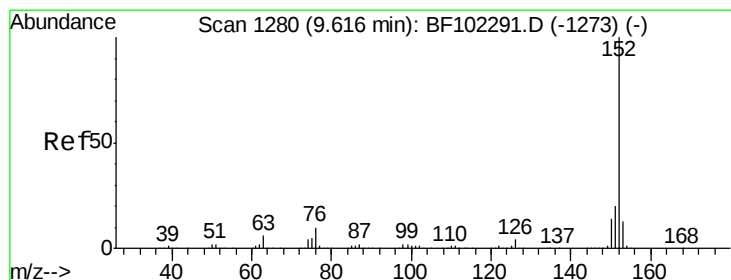
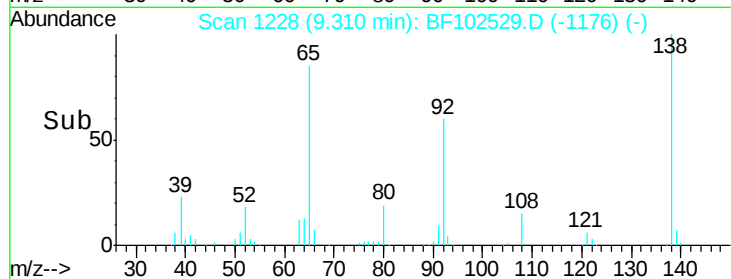
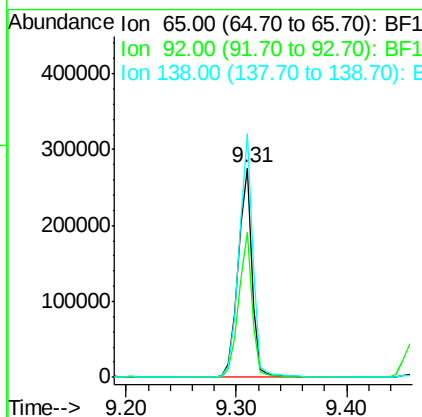
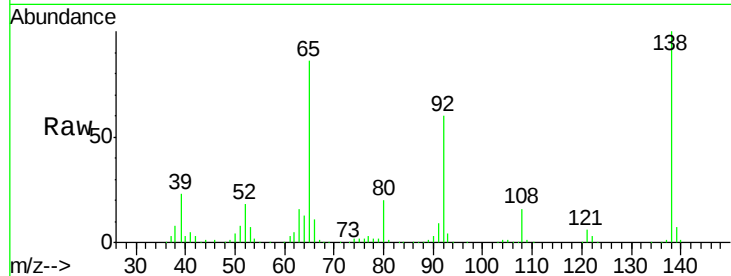




#47
 2-Nitroaniline
 Concen: 42.154 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

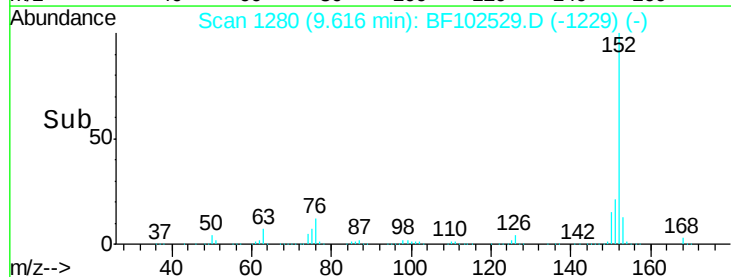
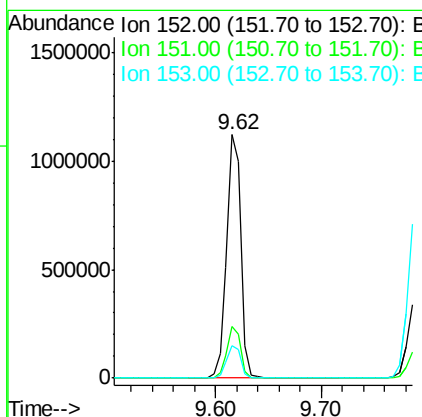
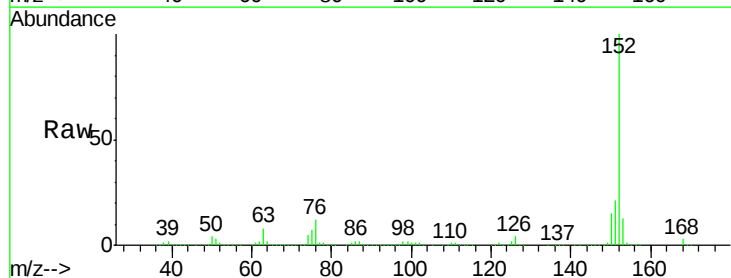
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

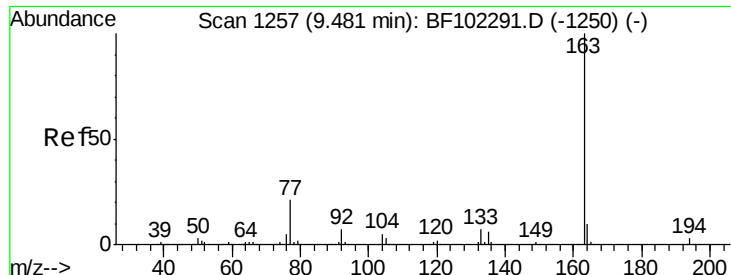
Tgt Ion: 65 Resp: 248692
 Ion Ratio Lower Upper
 65 100
 92 69.3 55.8 83.6
 138 116.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.371 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion: 152 Resp: 1042787
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.4 10.7 16.1

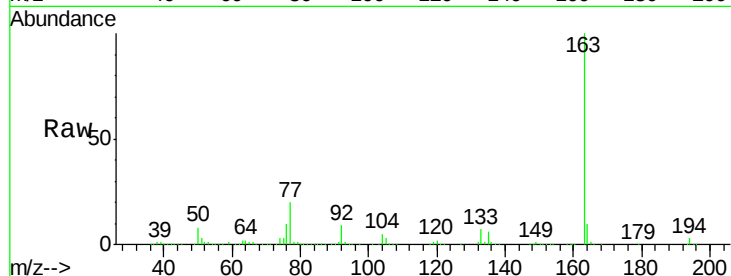




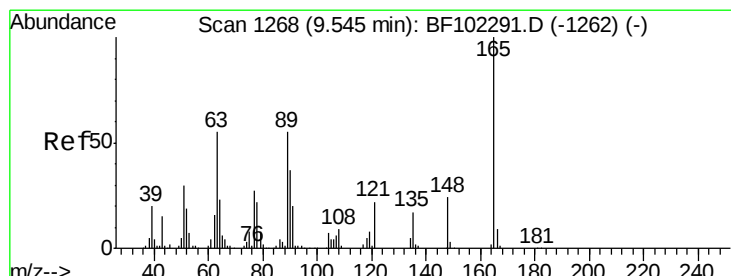
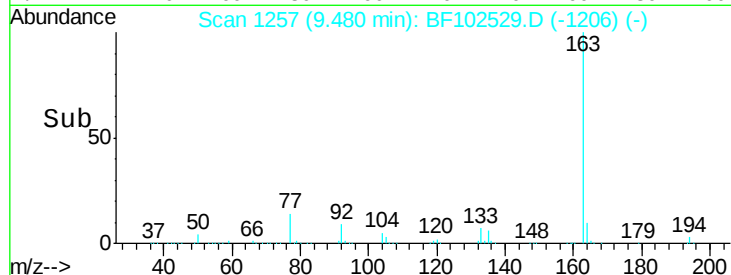
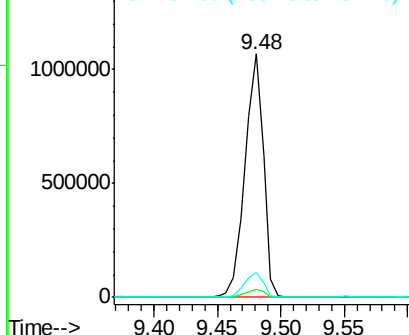
#49
Dimethylphthalate
Concen: 47.549 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

Tgt Ion:163 Resp: 1070092
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

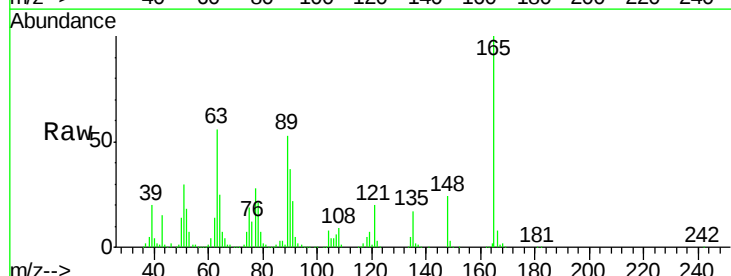


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

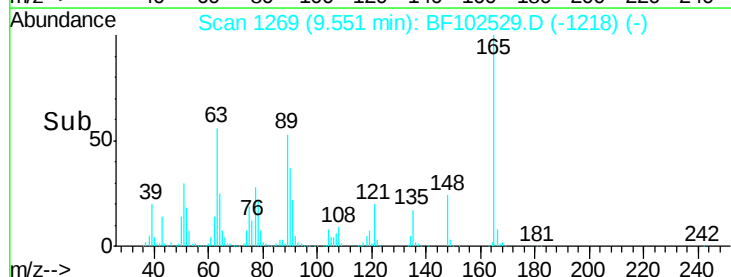
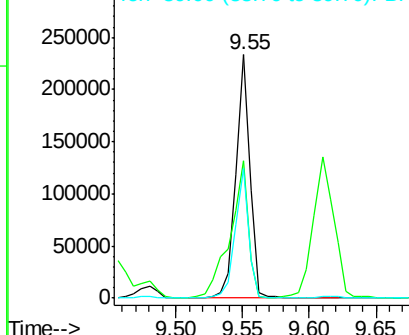


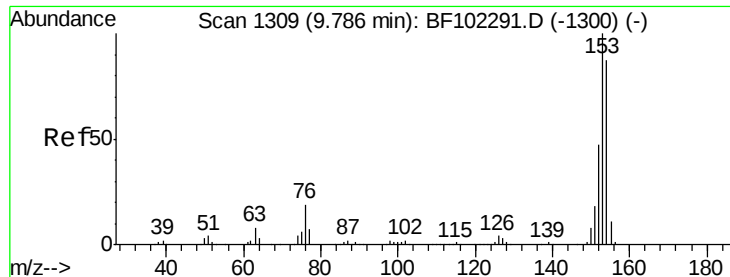
#50
2,6-Dinitrotoluene
Concen: 36.190 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:165 Resp: 175599
Ion Ratio Lower Upper
165 100
63 56.4 44.7 67.1
89 53.3 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: 35.647 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

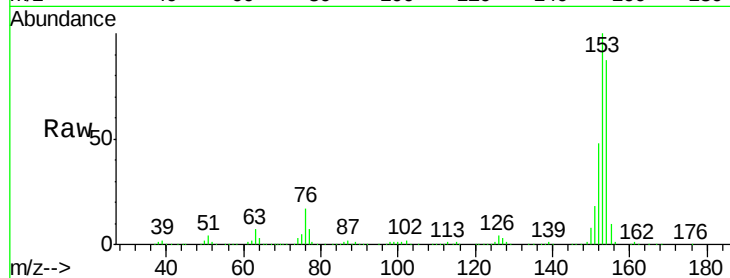
Tgt Ion:154 Resp: 613767

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

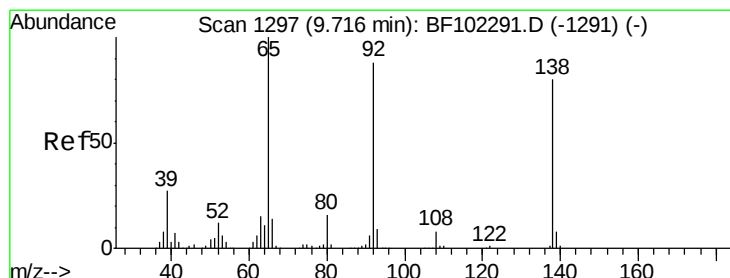
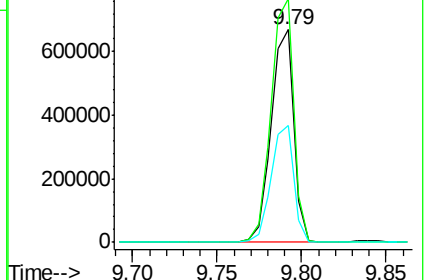
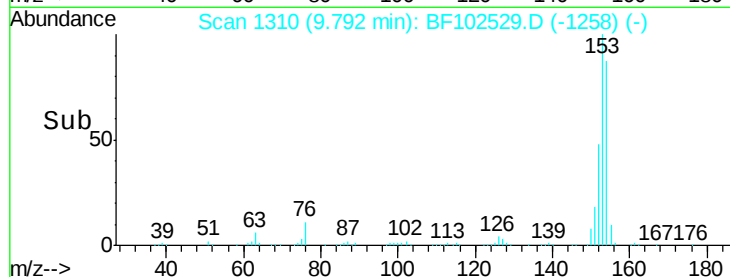
152 54.8 43.8 65.8



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: 31.317 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

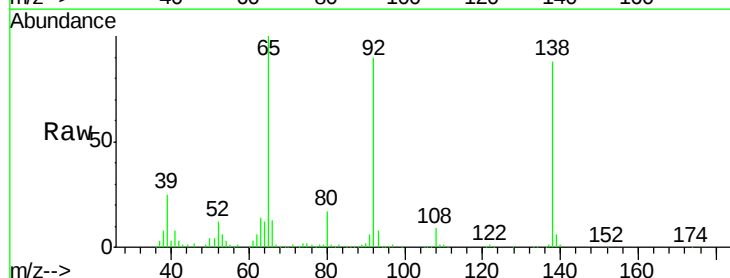
Tgt Ion:138 Resp: 179758

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

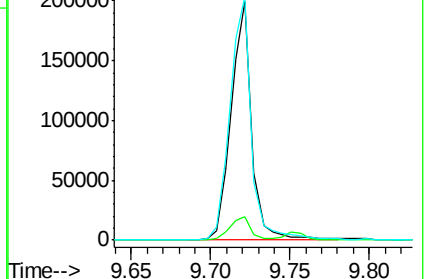
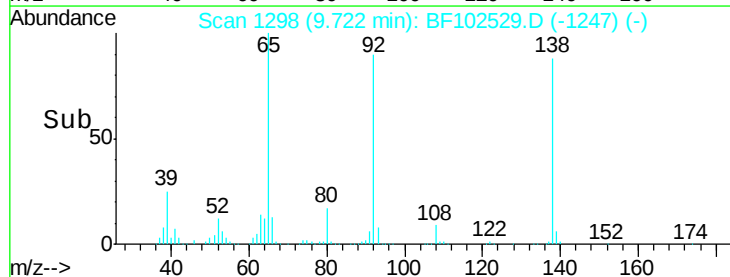
92 102.3 89.4 134.2

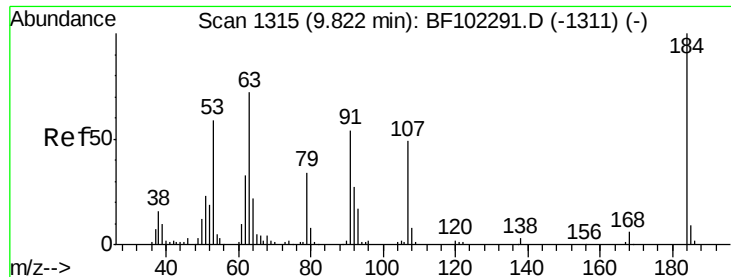


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

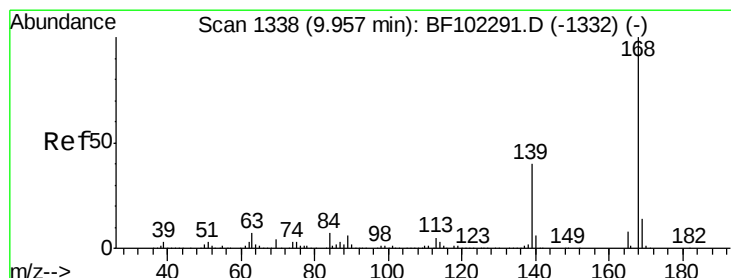
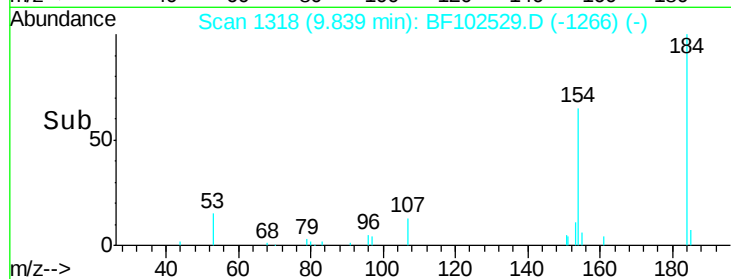
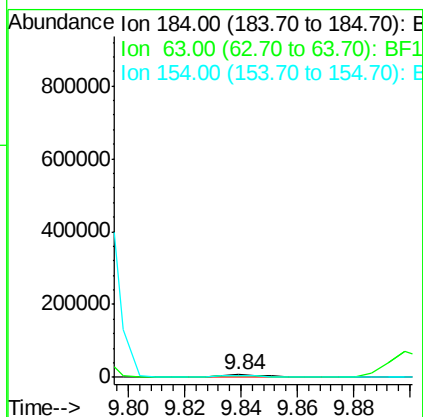
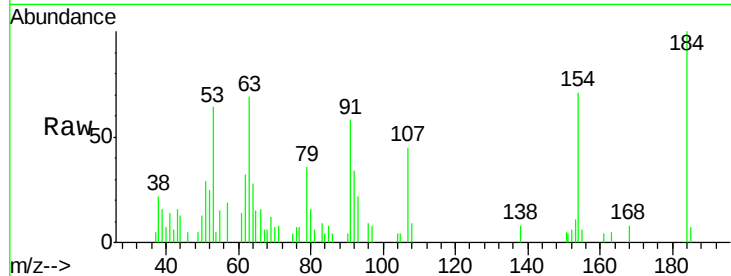




#53
2,4-Dinitrophenol
Concen: 7.757 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

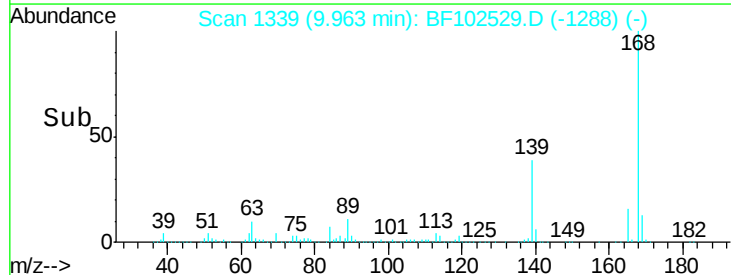
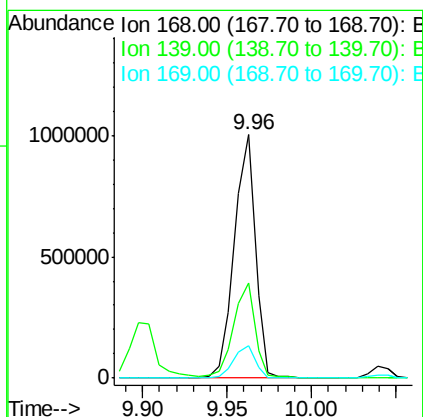
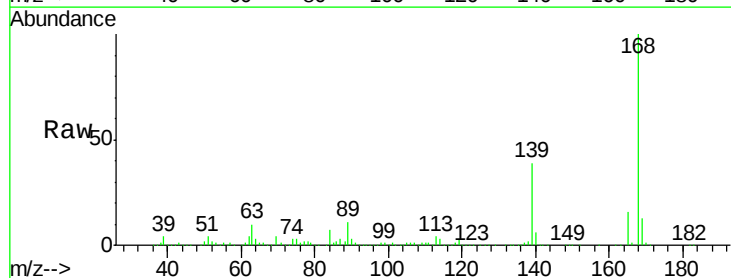
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

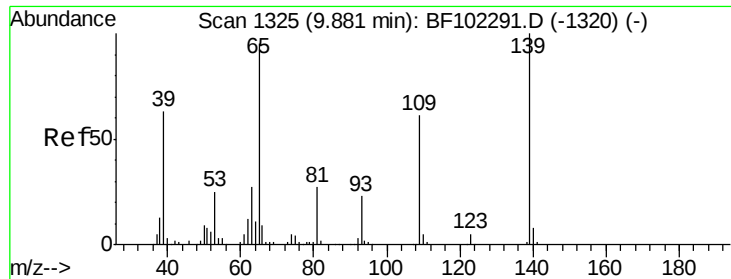
Tgt Ion:184 Resp: 9269
Ion Ratio Lower Upper
184 100
63 68.6 54.2 81.2
154 71.3 184.0 276.0#



#54
Dibenzofuran
Concen: 37.522 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:168 Resp: 874350
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 13.3 10.9 16.3

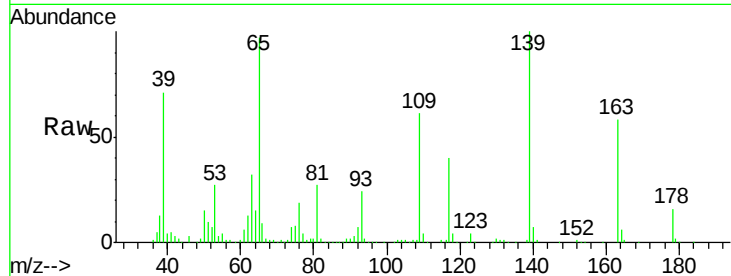




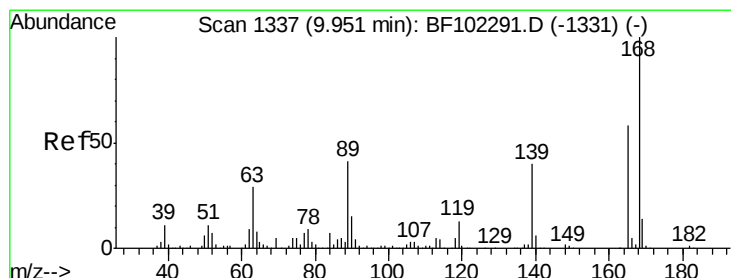
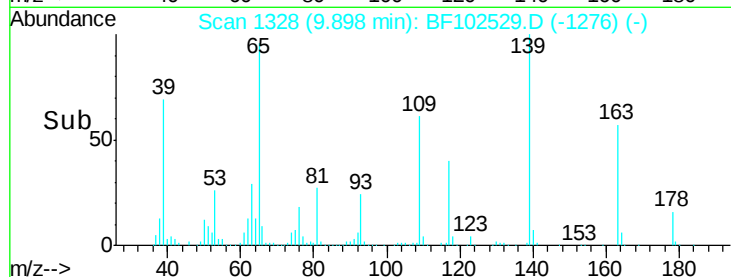
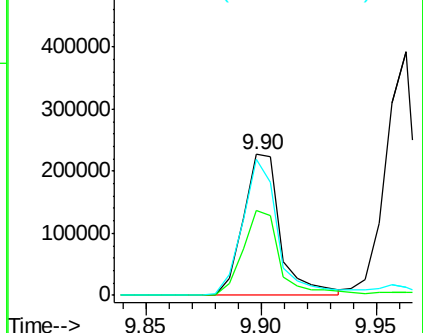
#55
4-Nitrophenol
Concen: 67.244 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampled :
SB-51-10.5-11.0MS

Tgt Ion:139 Resp: 254784
Ion Ratio Lower Upper
139 100
109 60.7 48.4 88.4
65 96.8 72.6 112.6

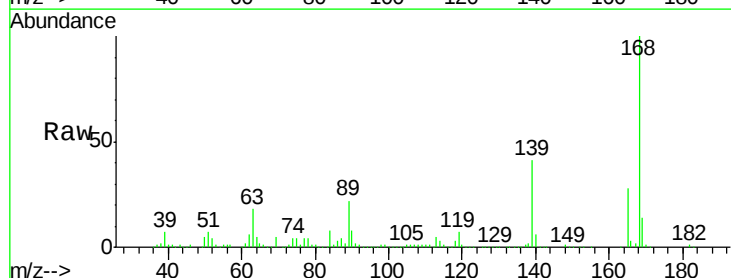


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

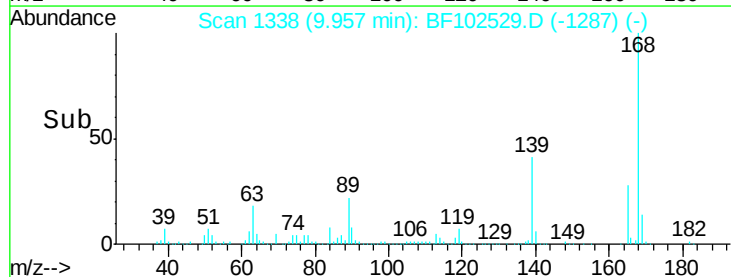
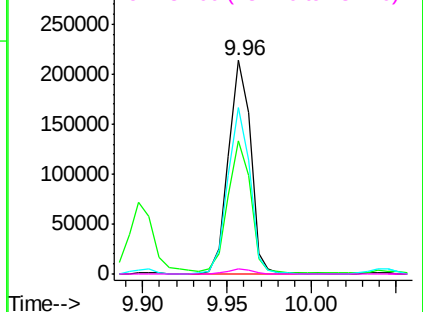


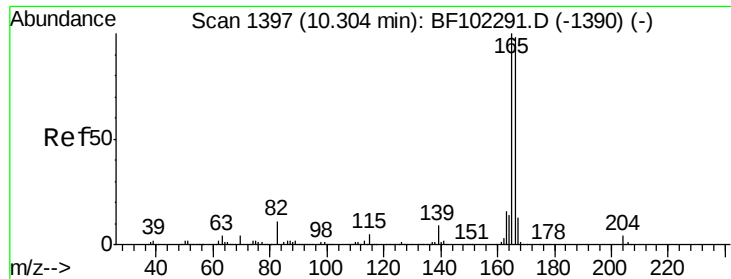
#56
2,4-Dinitrotoluene
Concen: 32.803 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:165 Resp: 195727
Ion Ratio Lower Upper
165 100
63 62.5 36.4 54.6#
89 78.1 57.8 86.6
182 2.3 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

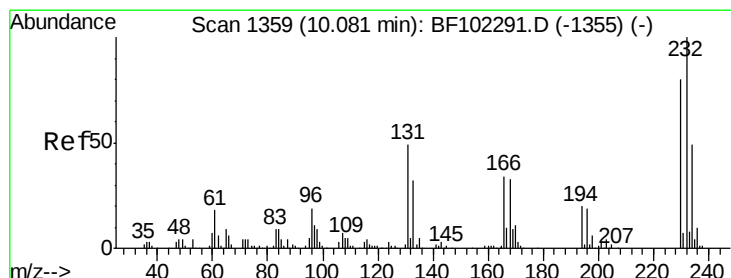
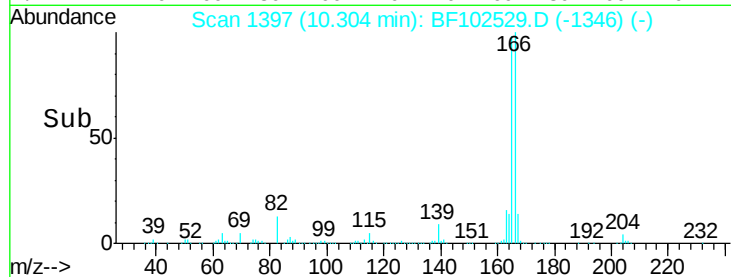
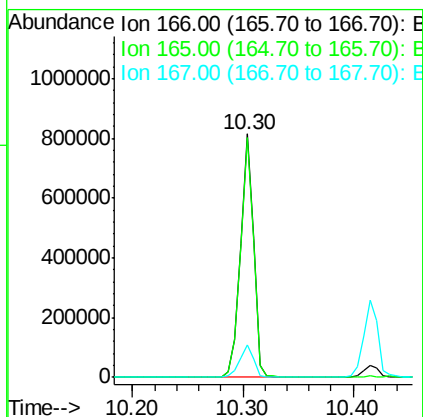
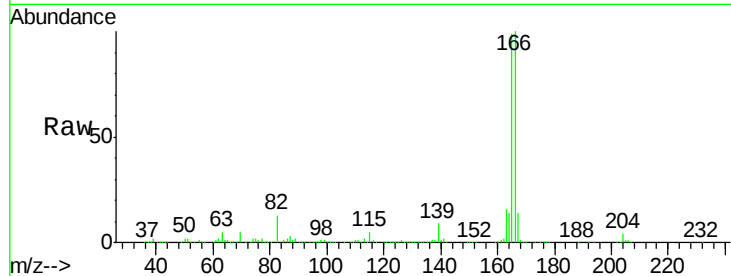




#57
Fluorene
 Concen: 37.143 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

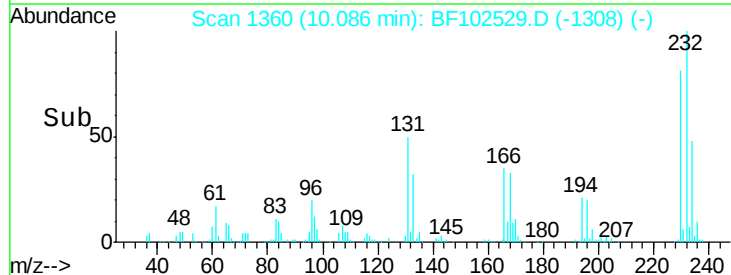
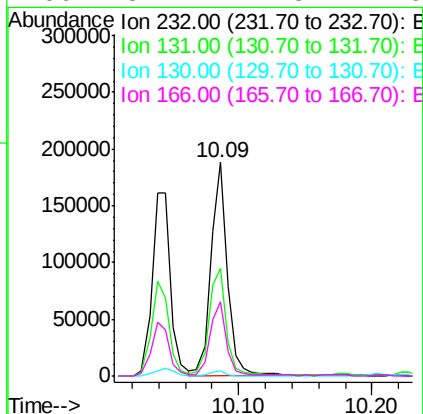
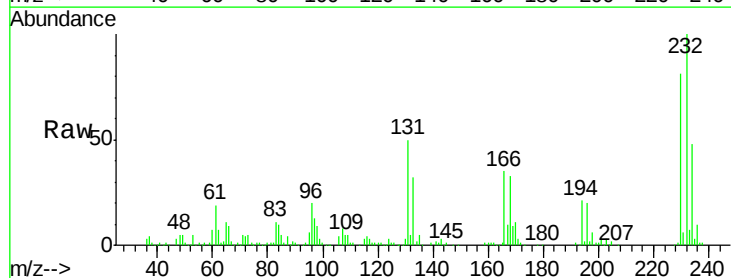
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

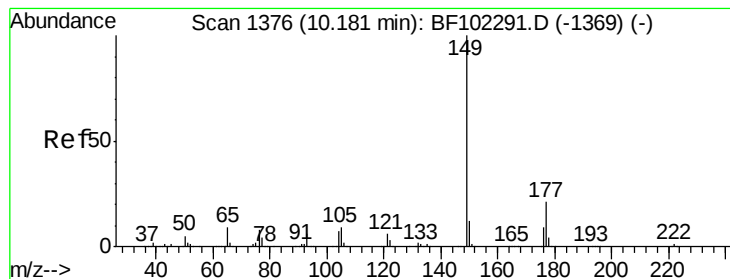
Tgt Ion:166 Resp: 685846
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.966 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:232 Resp: 162960
 Ion Ratio Lower Upper
 232 100
 131 52.3 43.8 65.8
 130 2.7 2.1 3.1
 166 34.4 27.8 41.6





#59

Diethylphthalate

Concen: 36.702 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

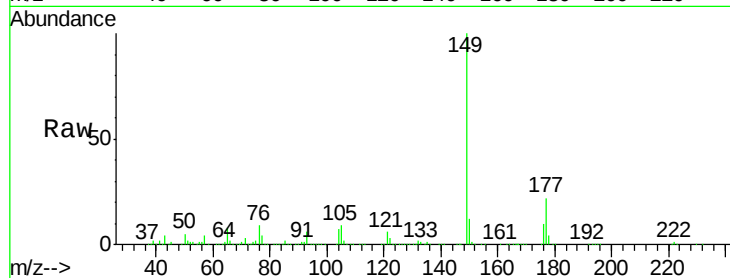
Tgt Ion:149 Resp: 802639

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

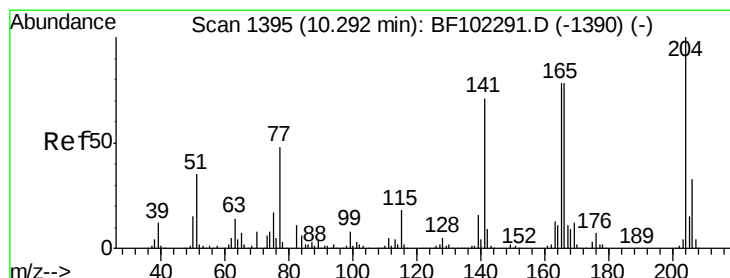
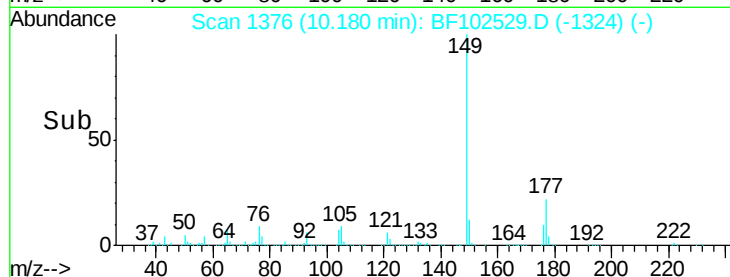
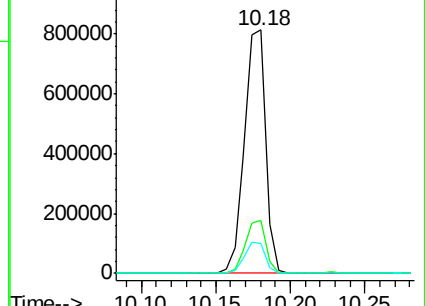
150 12.4 10.1 15.1



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: 38.823 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

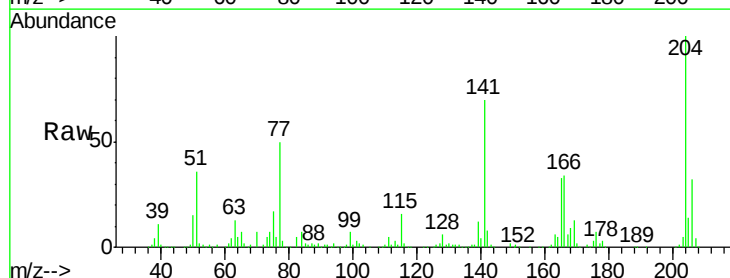
Tgt Ion:204 Resp: 310798

Ion Ratio Lower Upper

204 100

206 32.1 26.5 39.7

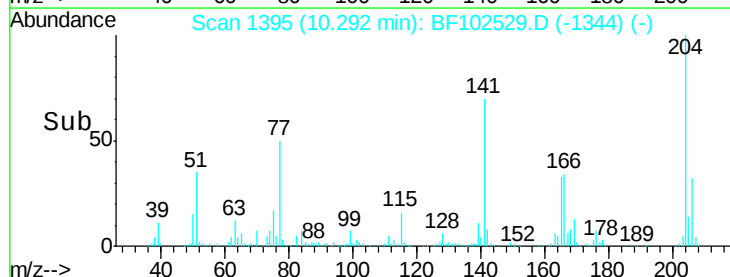
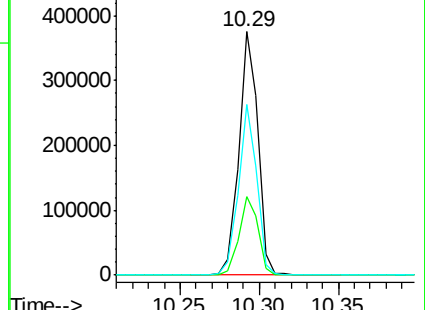
141 70.3 54.6 81.8

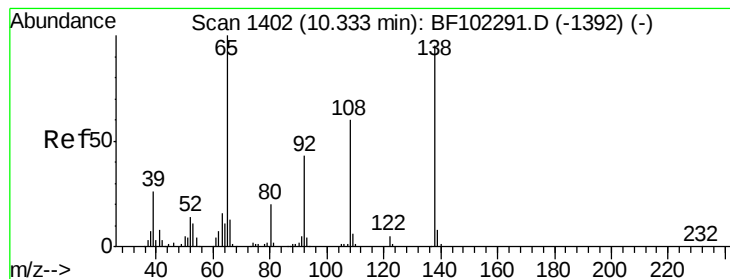


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.281 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

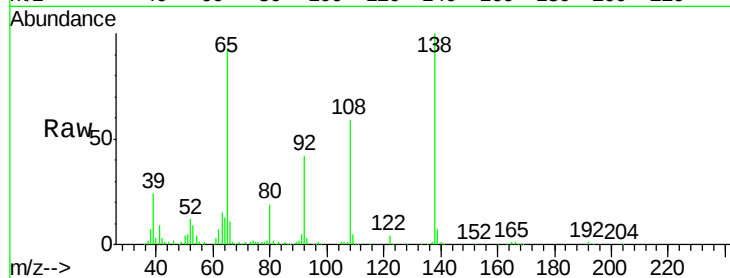
Tgt Ion:138 Resp: 202078

Ion Ratio Lower Upper

138 100

92 42.3 30.2 70.2

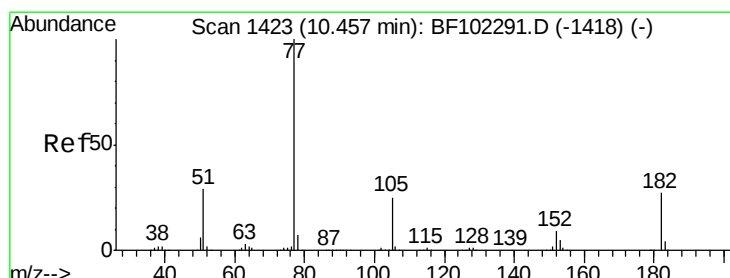
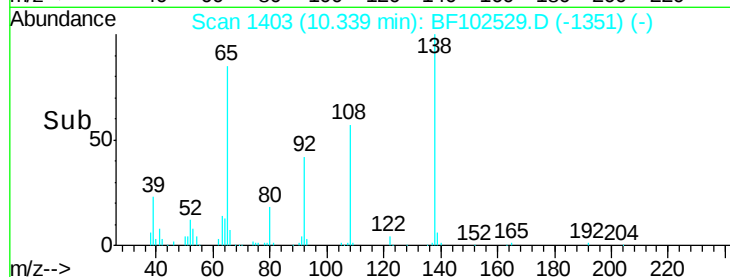
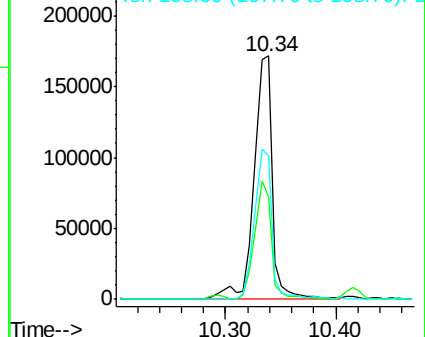
108 58.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.499 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Tgt Ion: 77 Resp: 710776

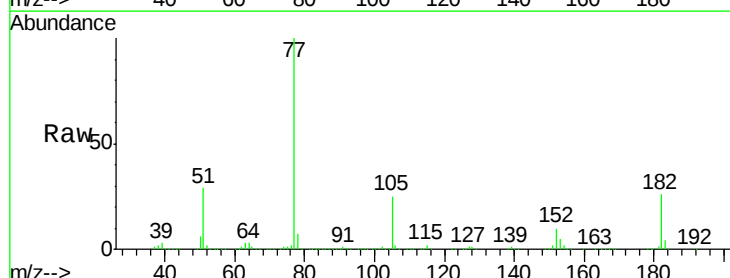
Ion Ratio Lower Upper

77 100

182 26.2 1.7 41.7

105 24.9 3.0 43.0

51 29.2 9.9 49.9

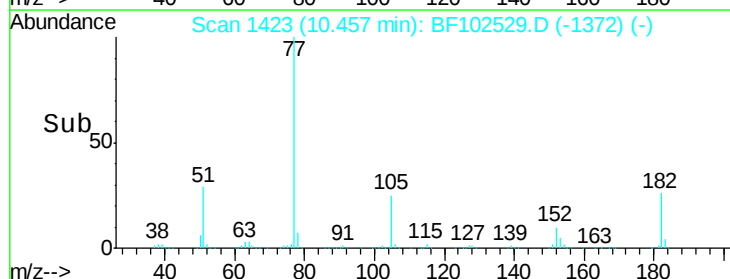
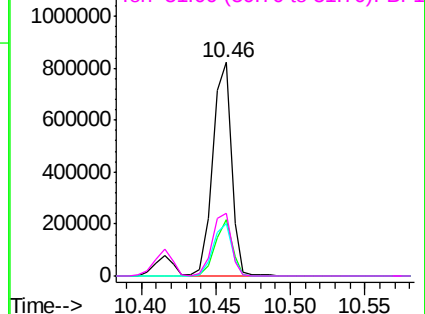


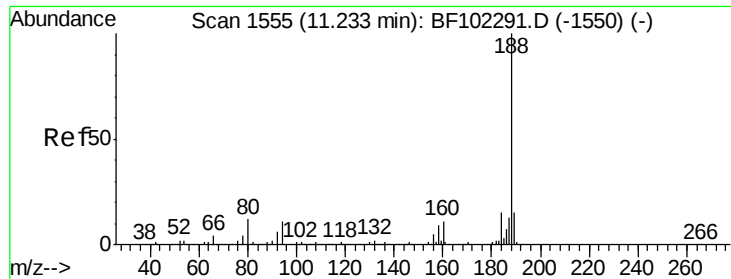
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

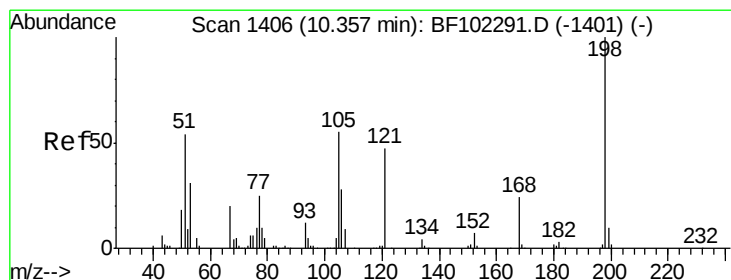
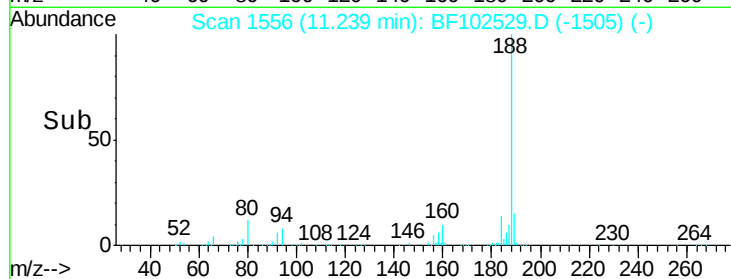
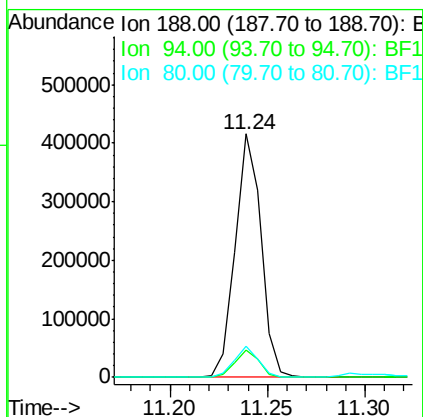
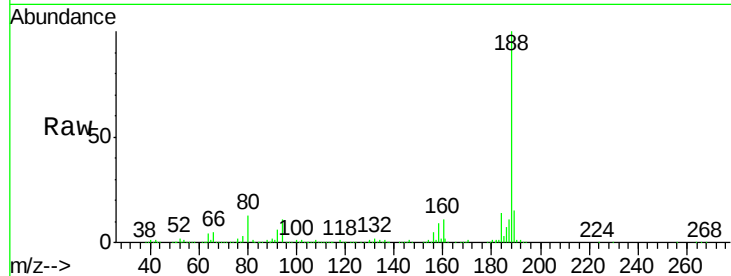




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

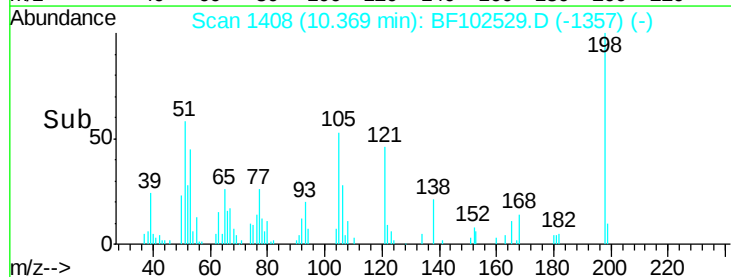
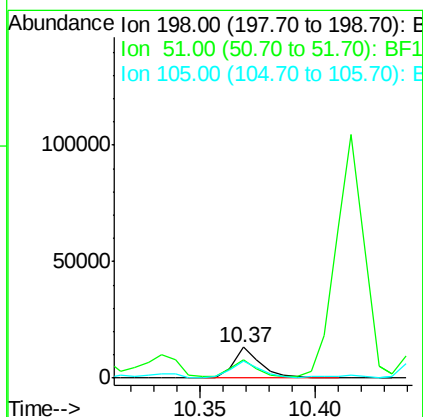
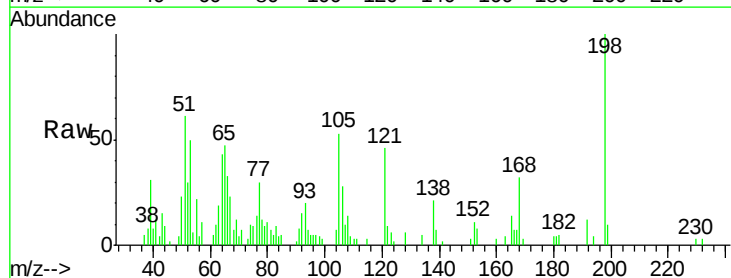
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

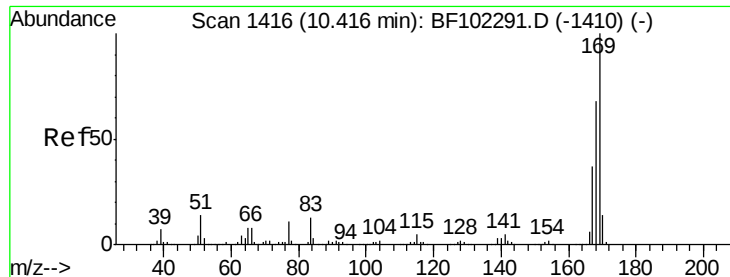
Tgt Ion:188 Resp: 382412
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.254 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:198 Resp: 10852
Ion Ratio Lower Upper
198 100
51 61.4 37.7 77.7
105 53.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 44.765 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

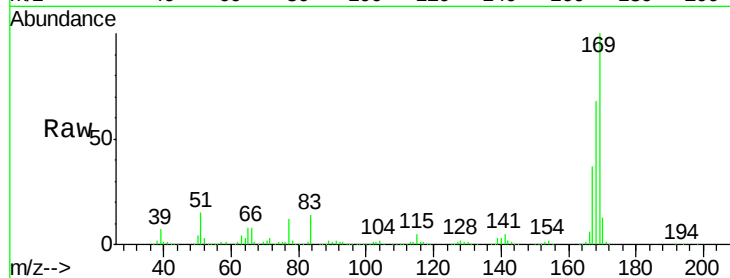
Tgt Ion:169 Resp: 628327

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

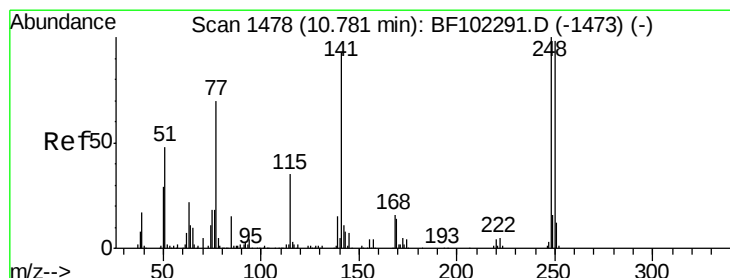
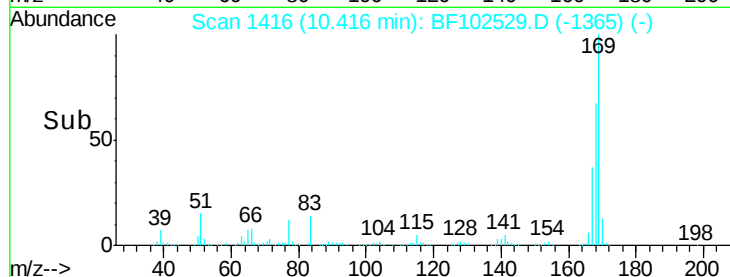
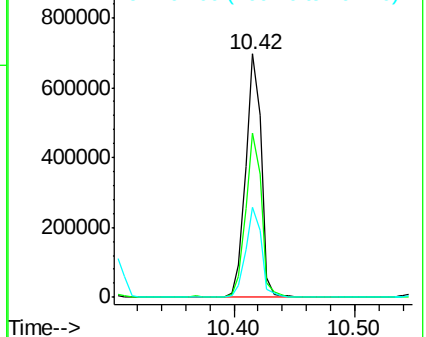
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.505 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

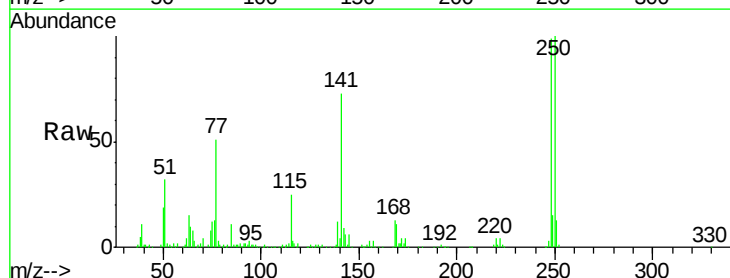
Tgt Ion:248 Resp: 179096

Ion Ratio Lower Upper

248 100

250 101.2 76.9 115.3

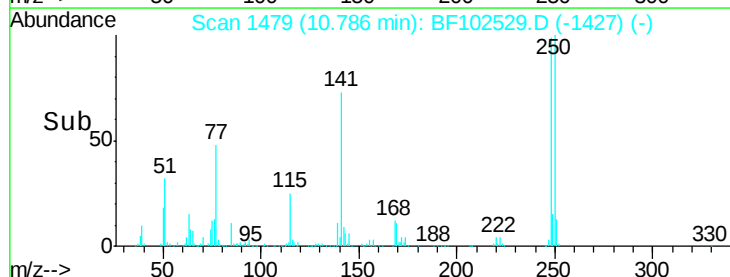
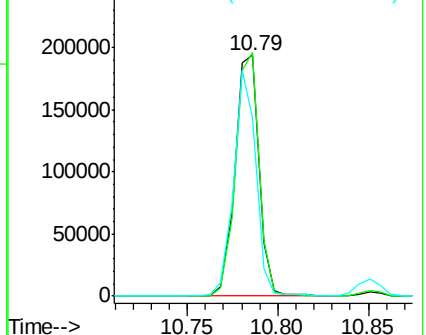
141 74.2 74.4 111.6#

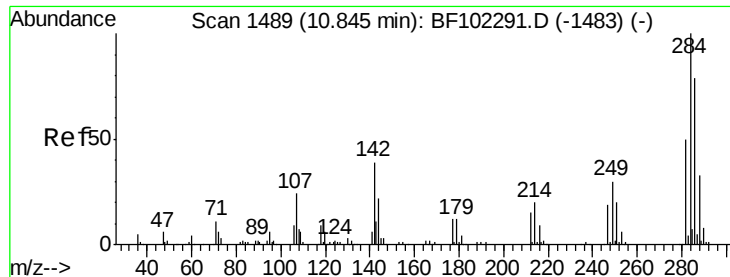


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

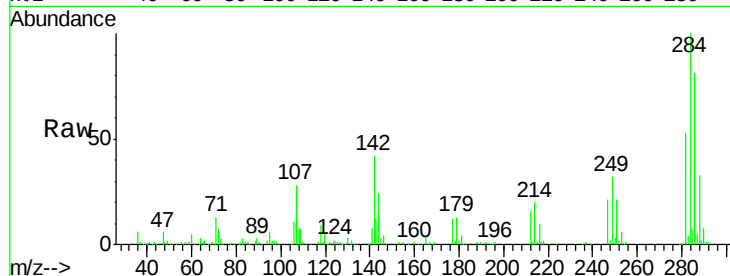




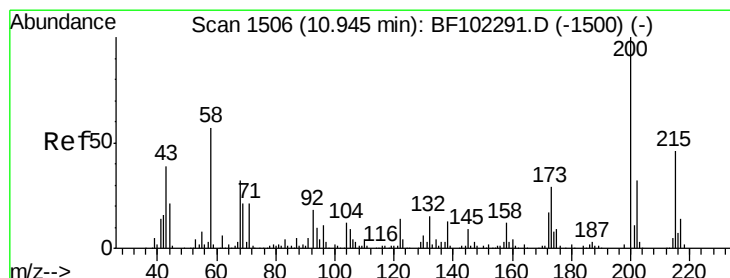
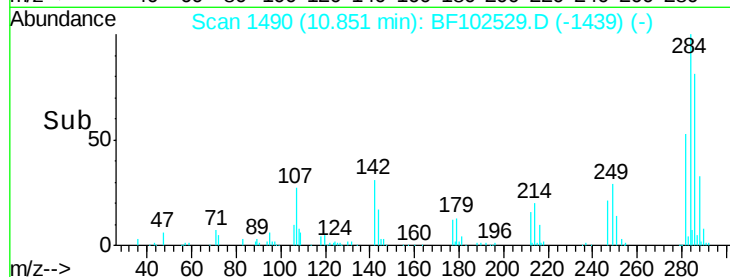
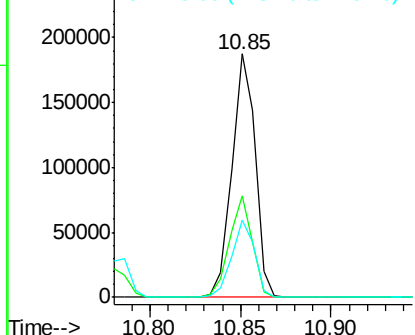
#67
Hexachlorobenzene
Concen: 36.476 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

Tgt Ion: 284 Resp: 167933
Ion Ratio Lower Upper
284 100
142 41.7 34.6 52.0
249 31.9 24.8 37.2

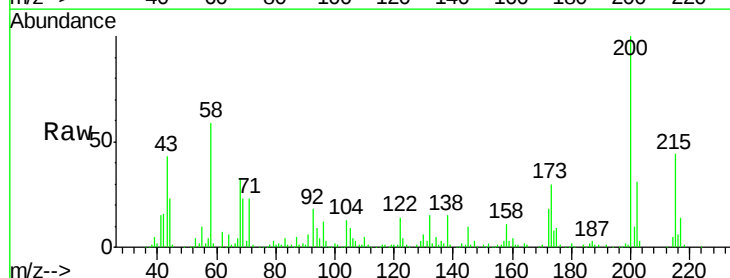


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

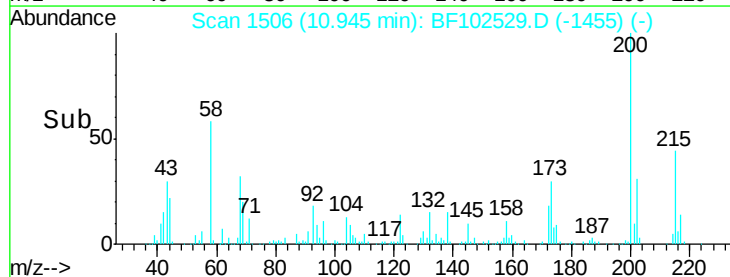
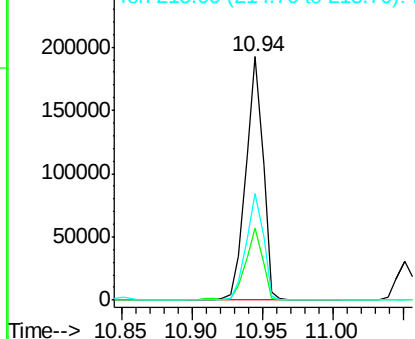


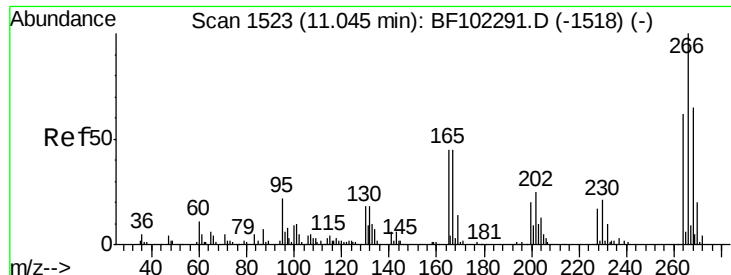
#68
Atrazine
Concen: 39.544 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion: 200 Resp: 163929
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 44.0 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

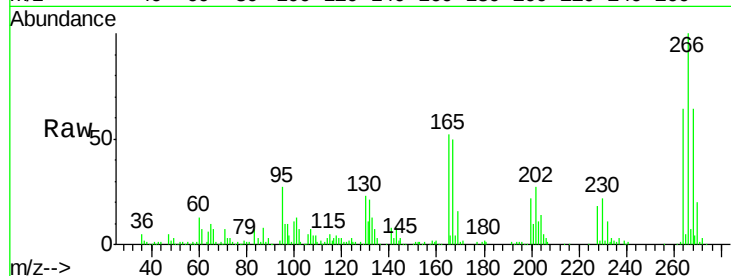




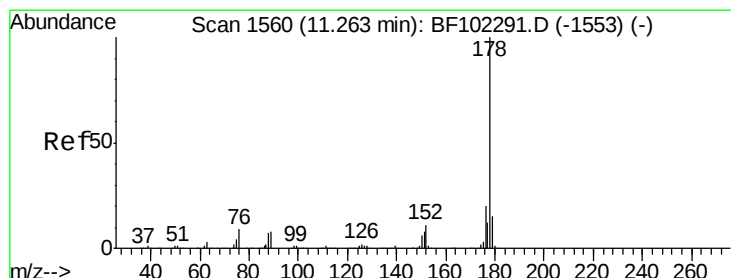
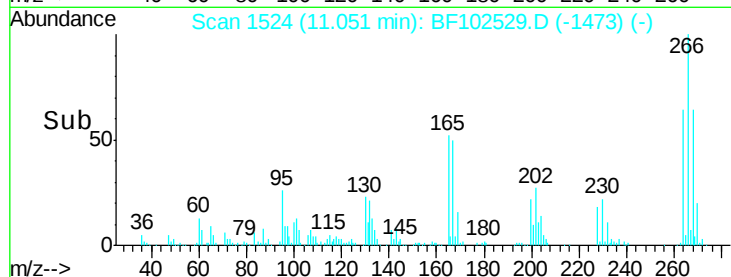
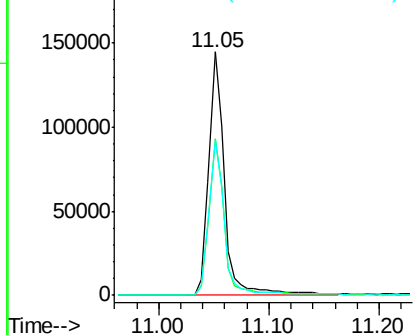
#69
 Pentachlorophenol
 Concen: 58.097 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

Tgt Ion:266 Resp: 140512
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.7 49.5 74.3

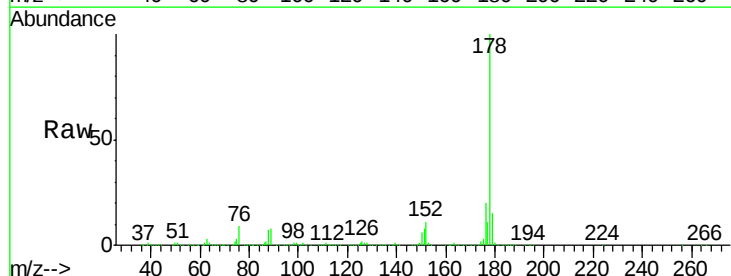


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

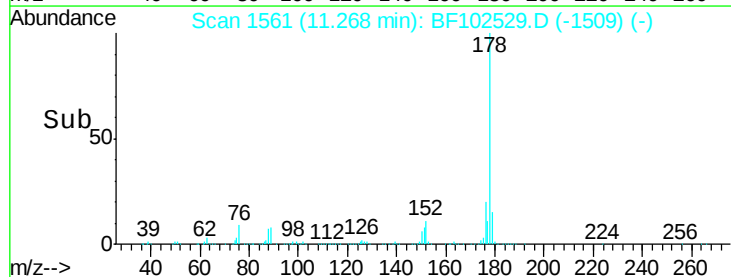
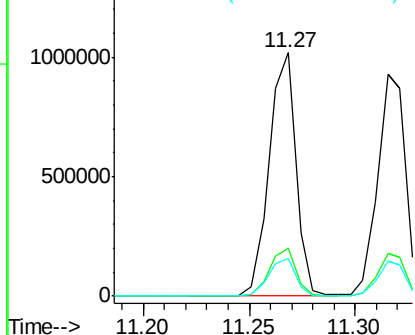


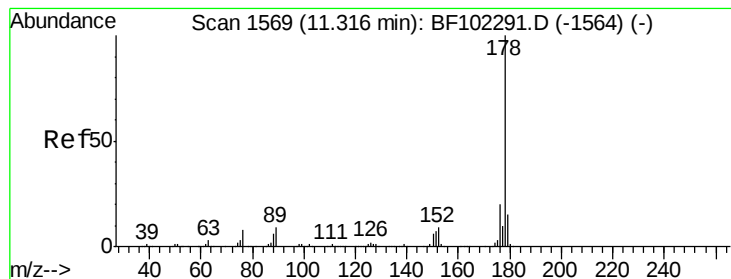
#70
 Phenanthrene
 Concen: 40.471 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:178 Resp: 901851
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6



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





#71

Anthracene

Concen: 38.503 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

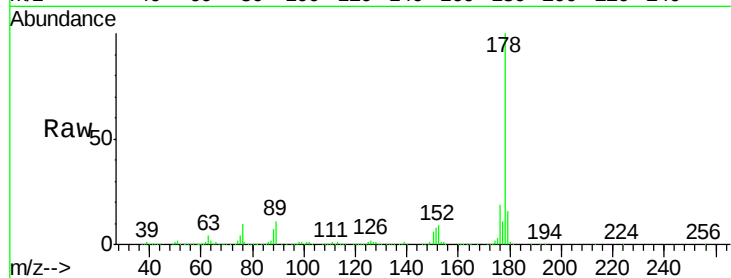
Tgt Ion:178 Resp: 875749

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

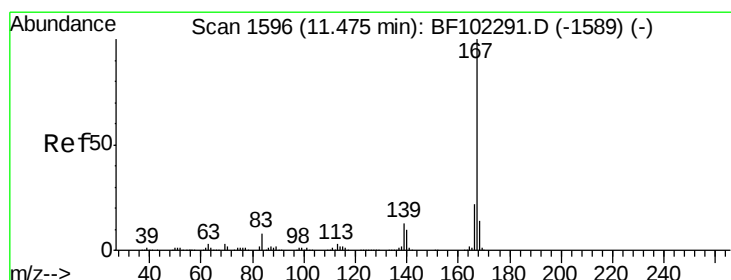
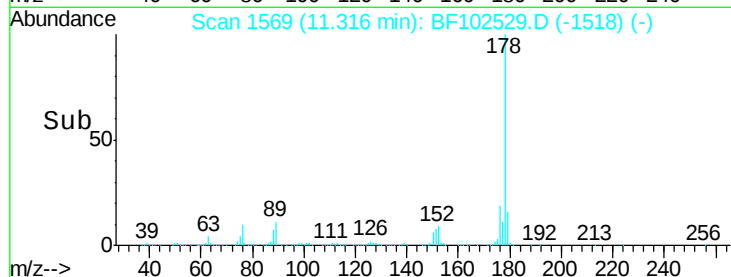
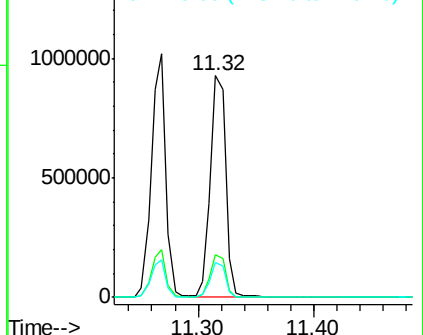
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.971 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

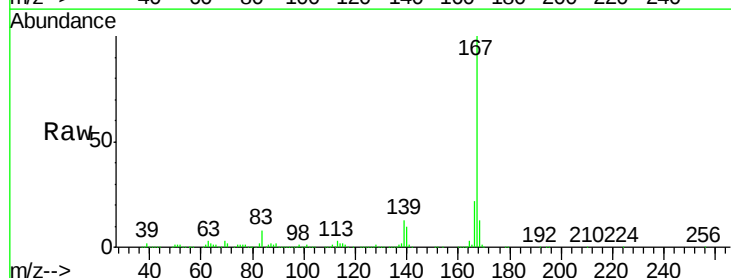
Tgt Ion:167 Resp: 820378

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

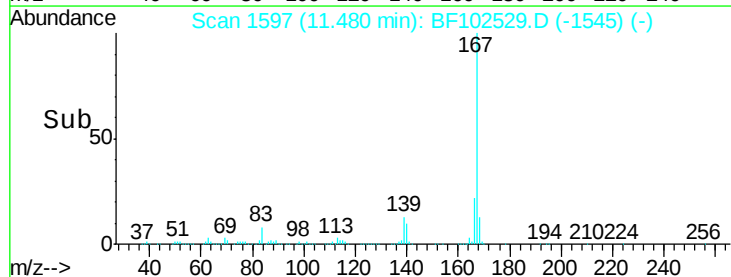
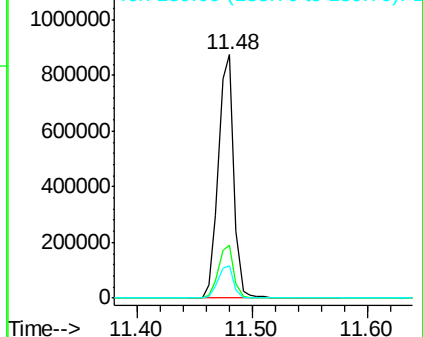
139 13.2 10.9 16.3

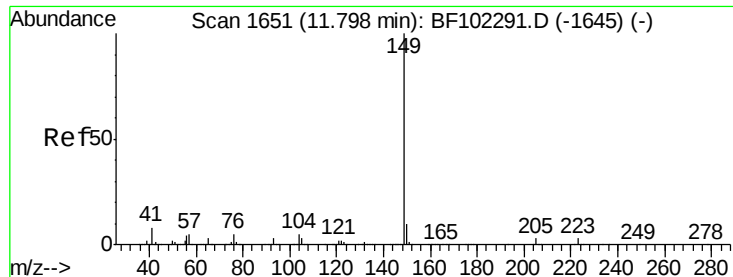


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.360 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

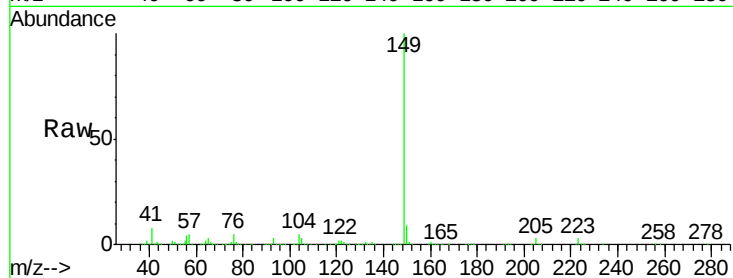
Tgt Ion:149 Resp: 1119443

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

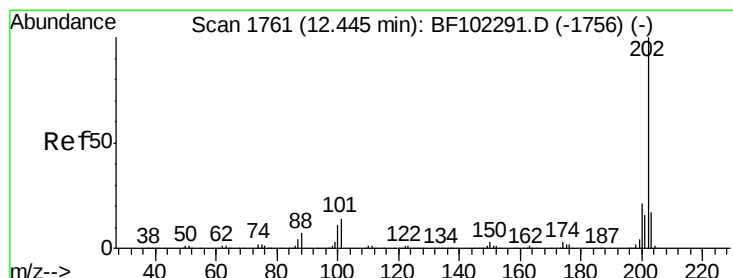
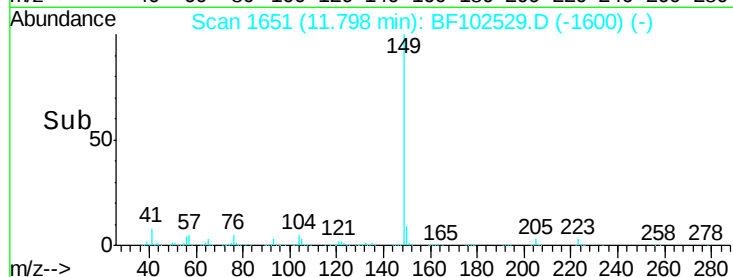
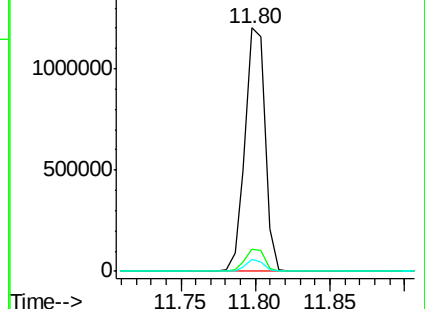
104 4.7 3.8 5.8



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: 37.966 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

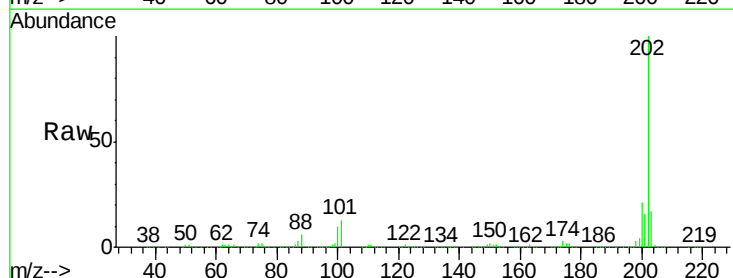
Tgt Ion:202 Resp: 862742

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

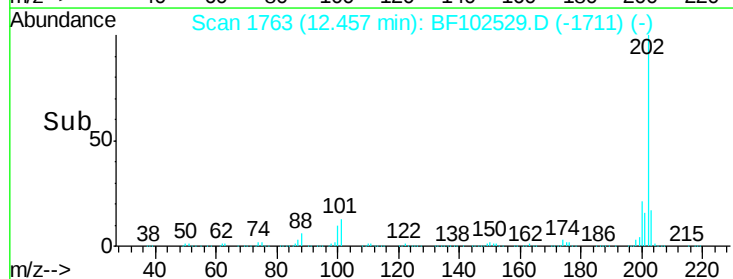
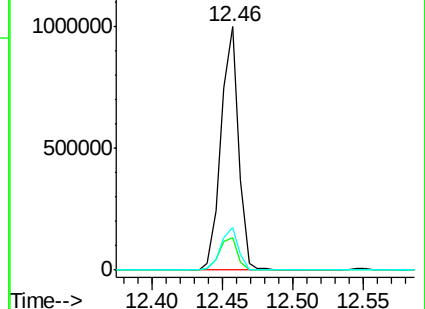
203 17.4 0.0 38.1

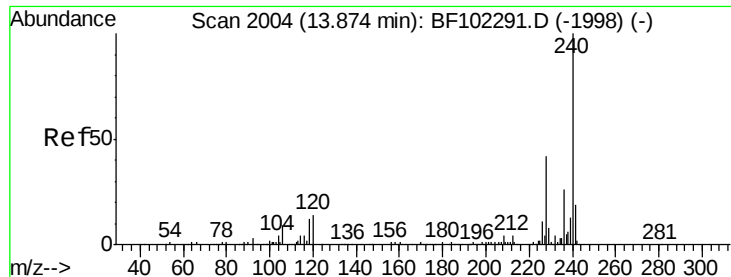


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

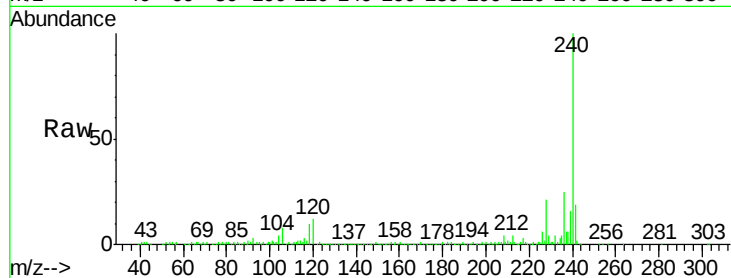
Tgt Ion:240 Resp: 270054

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

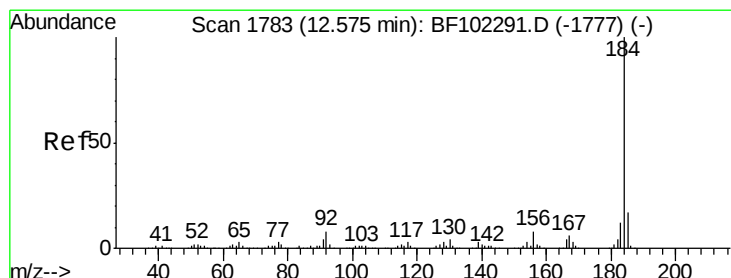
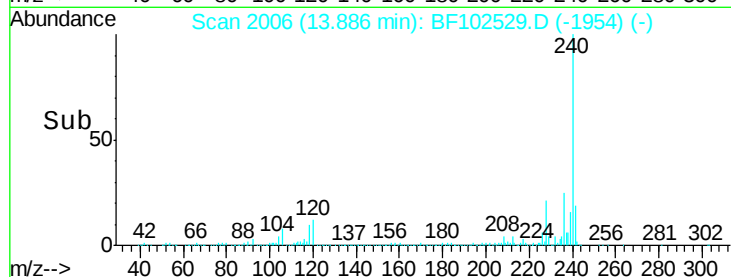
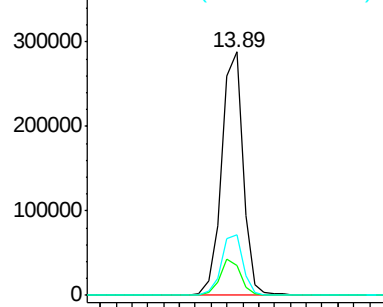
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 58.980 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

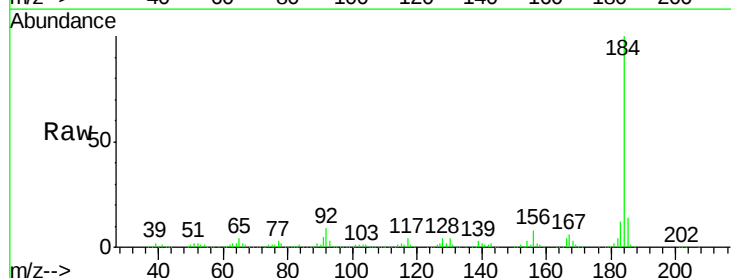
Tgt Ion:184 Resp: 535075

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

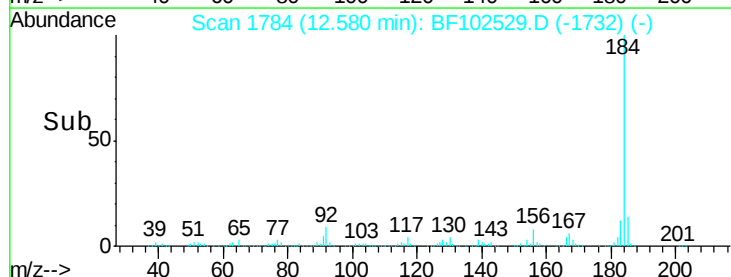
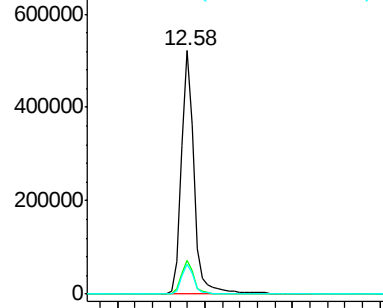
183 12.0 9.3 13.9

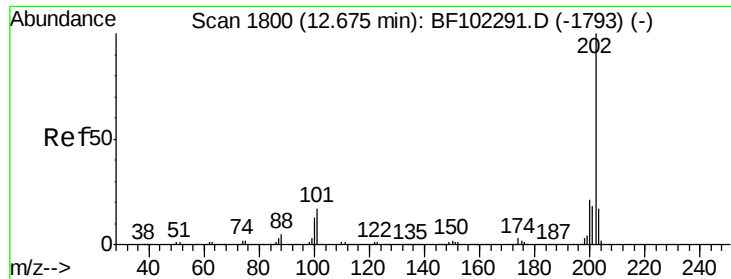


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

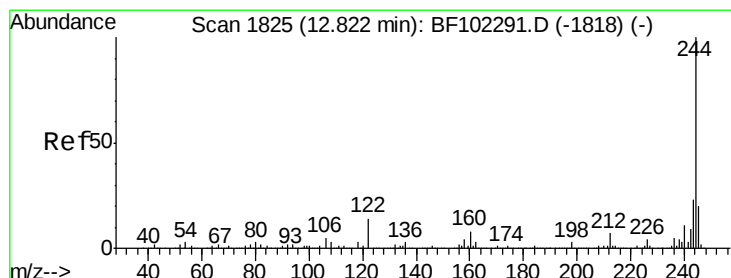
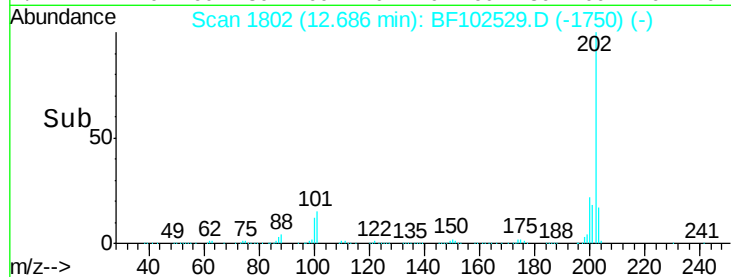
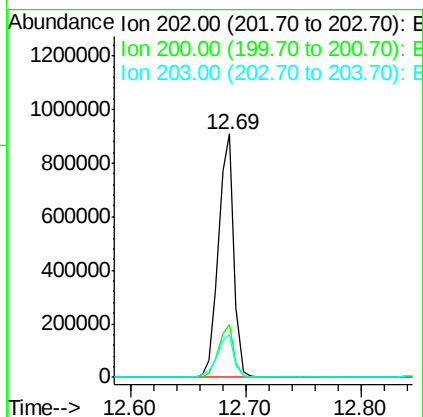
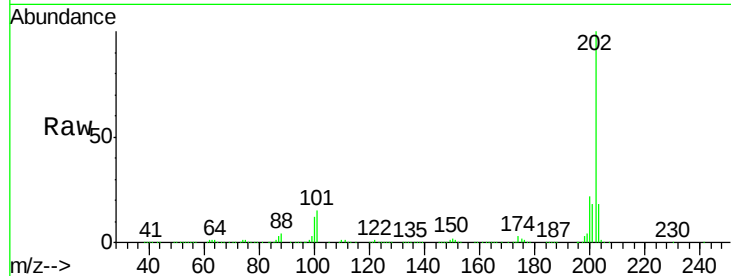




#77
 Pyrene
 Concen: 40.289 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

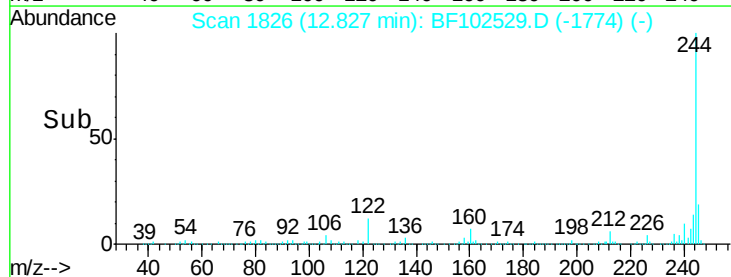
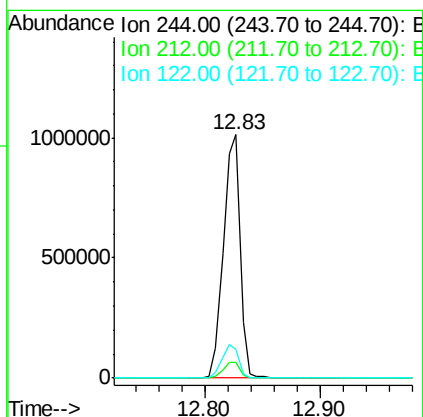
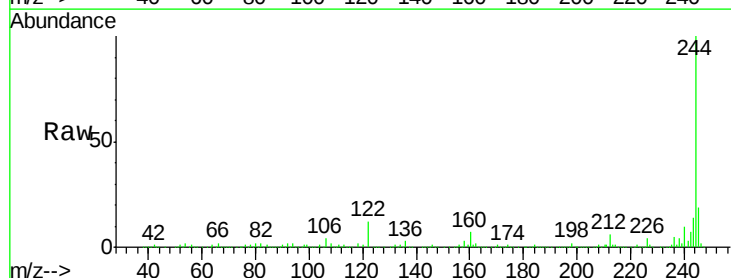
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

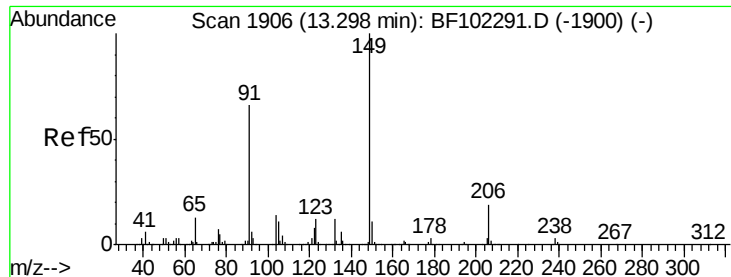
Tgt Ion: 202 Resp: 841229
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 84.867 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion: 244 Resp: 1016633
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.7 11.0 16.4

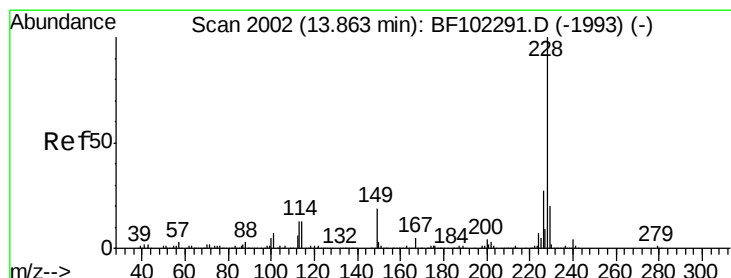
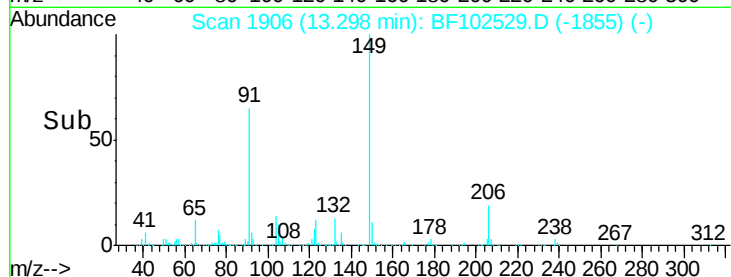
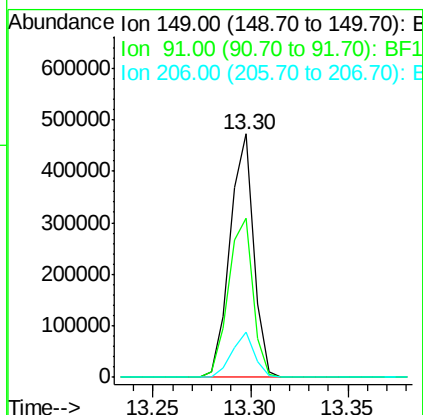
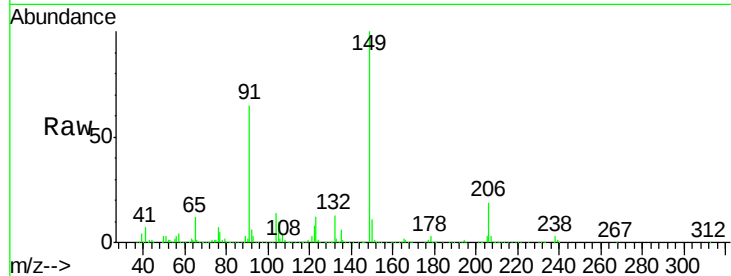




#79
Butylbenzylphthalate
Concen: 38.290 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

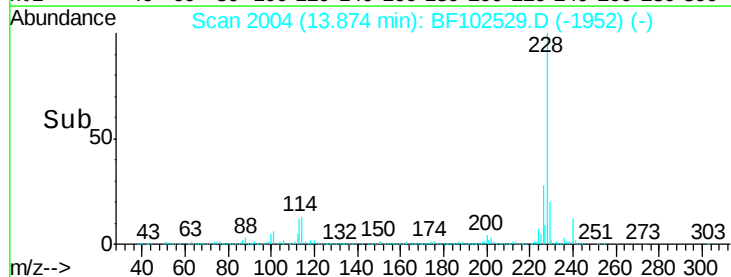
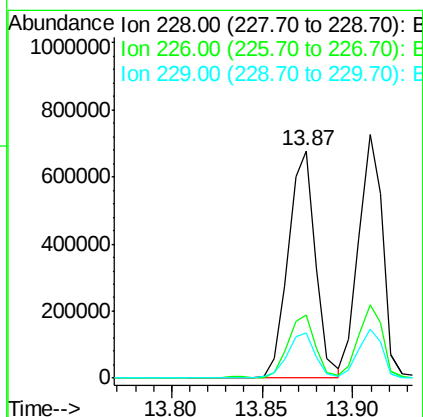
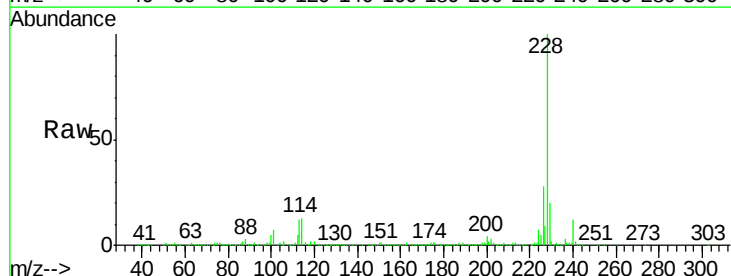
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

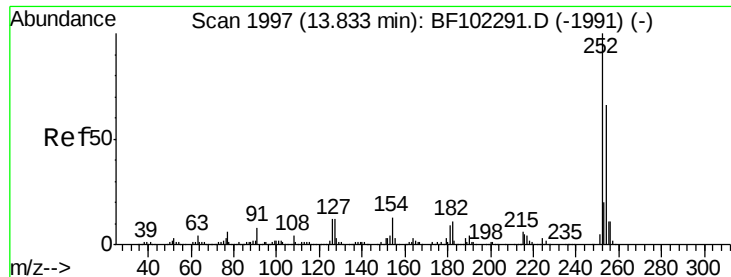
Tgt Ion:149 Resp: 397863
Ion Ratio Lower Upper
149 100
91 65.4 56.8 85.2
206 18.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.159 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:228 Resp: 717574
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

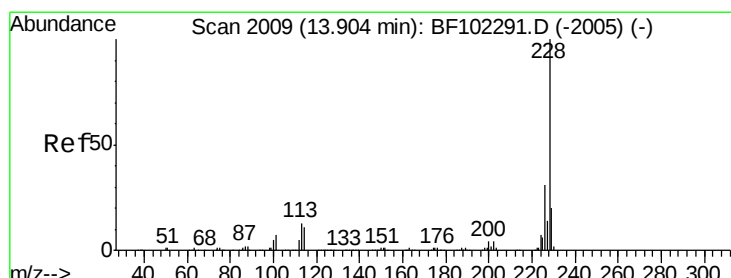
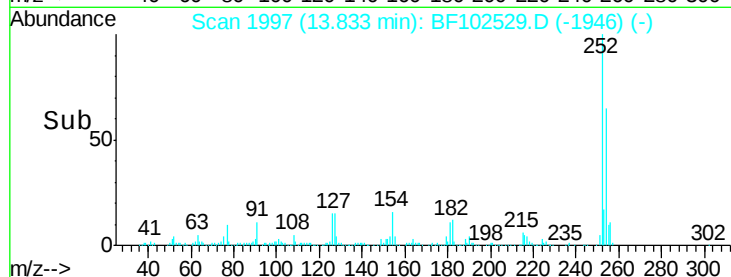
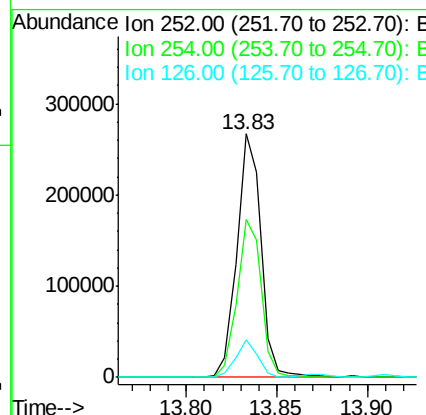
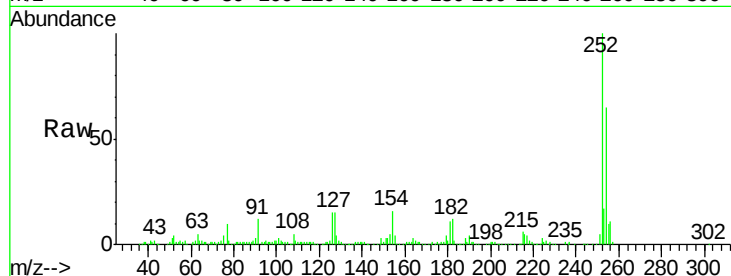




#81
 3,3'-Dichlorobenzidine
 Concen: 40.516 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

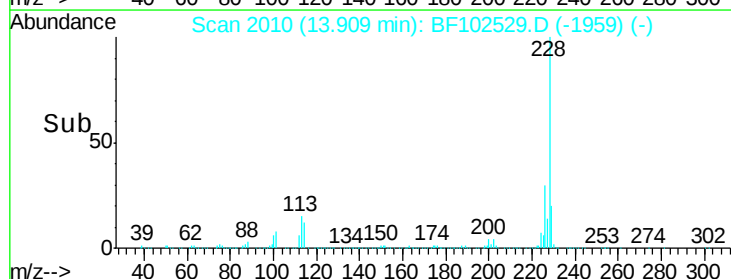
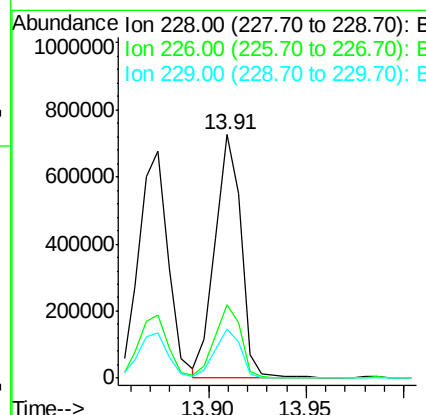
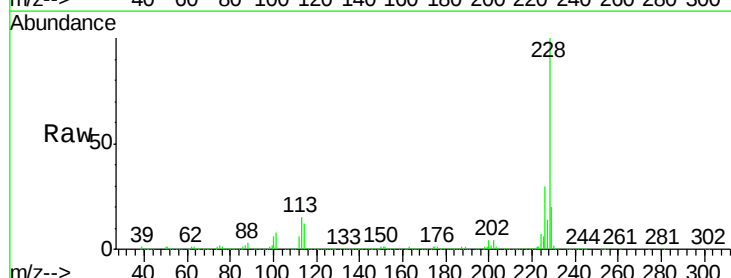
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

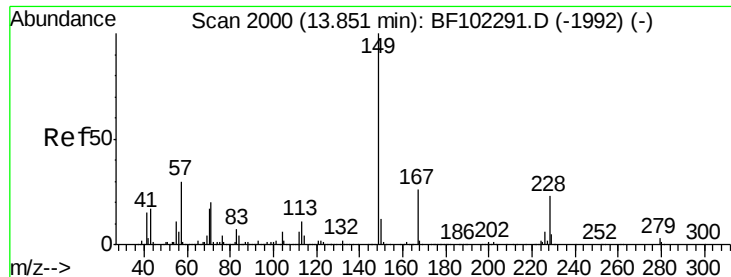
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	15.3	11.3	16.9



#82
 Chrysene
 Concen: 39.598 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	16.2	24.4

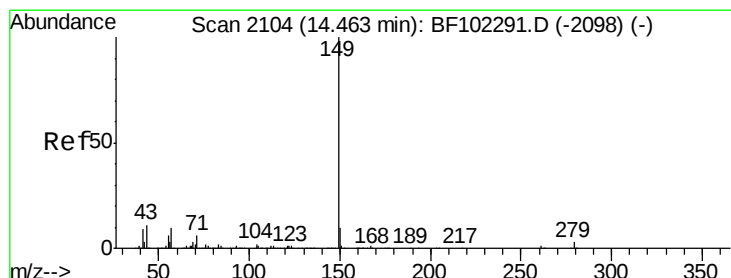
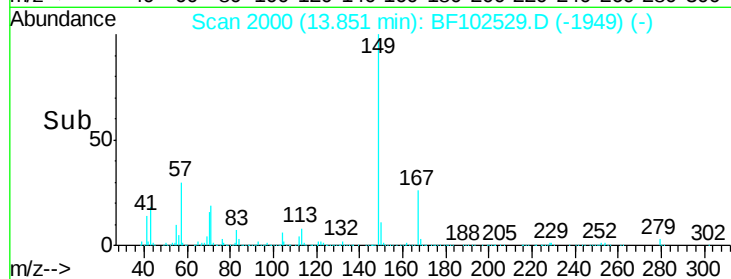
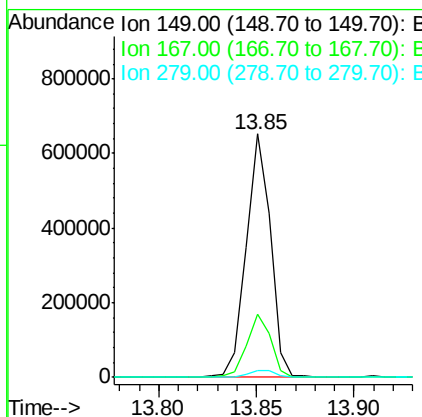
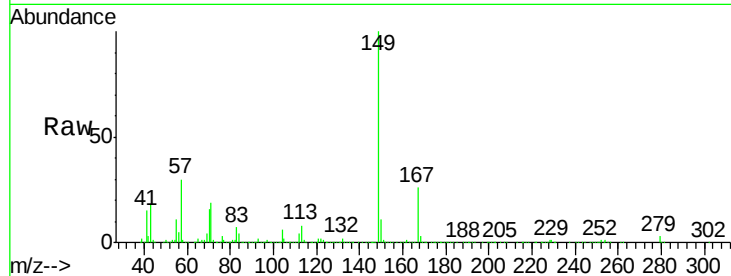




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.136 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

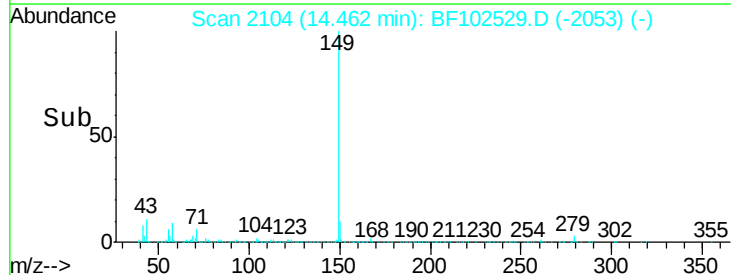
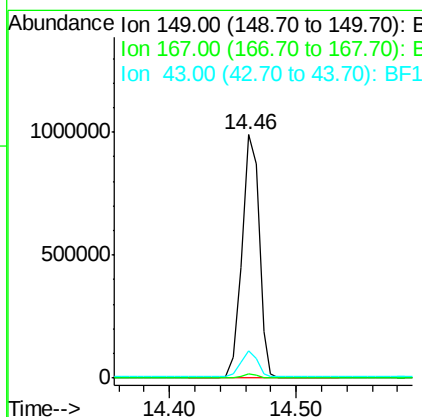
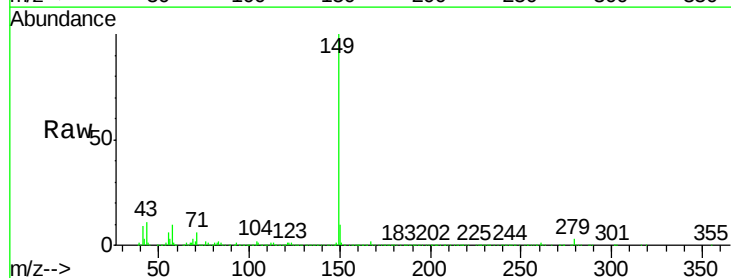
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MS

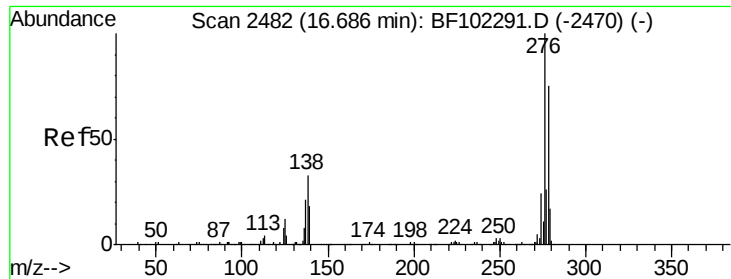
Tgt Ion:149 Resp: 560458
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 40.596 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102529.D
 Acq: 27 Jan 2018 23:51

Tgt Ion:149 Resp: 921911
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.4 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.090 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

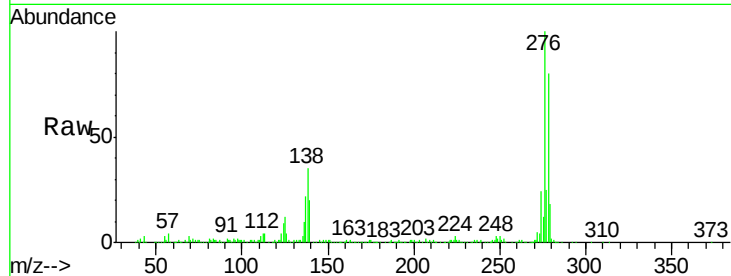
Tgt Ion:276 Resp: 433509

Ion Ratio Lower Upper

276 100

138 33.3 25.0 37.6

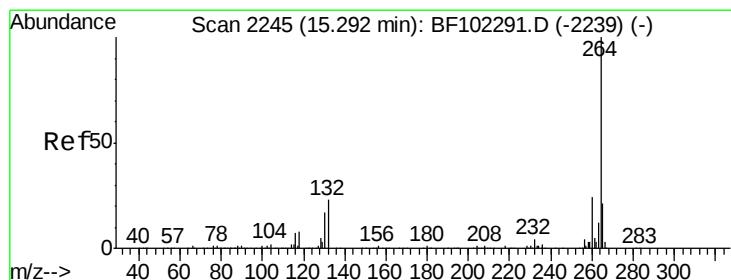
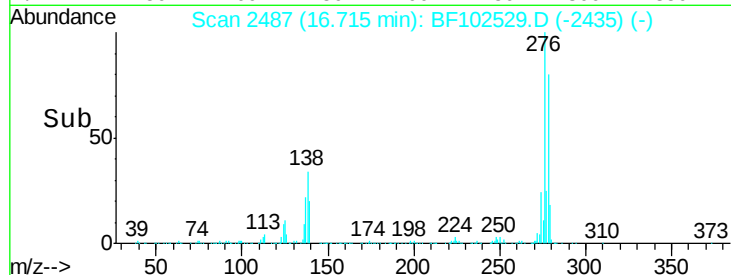
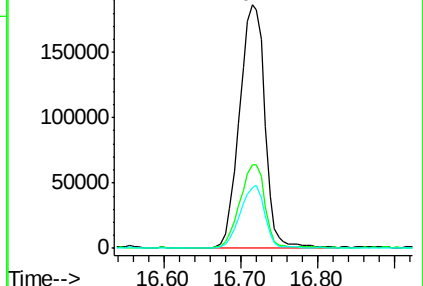
277 24.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

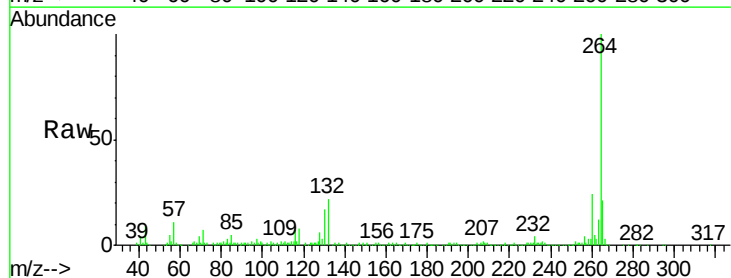
Tgt Ion:264 Resp: 212716

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

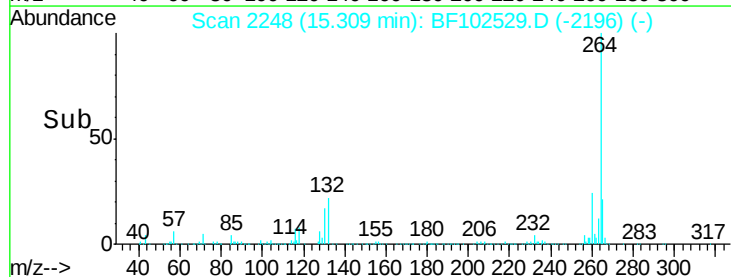
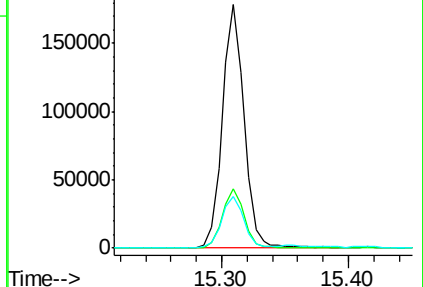
265 21.2 17.5 26.3

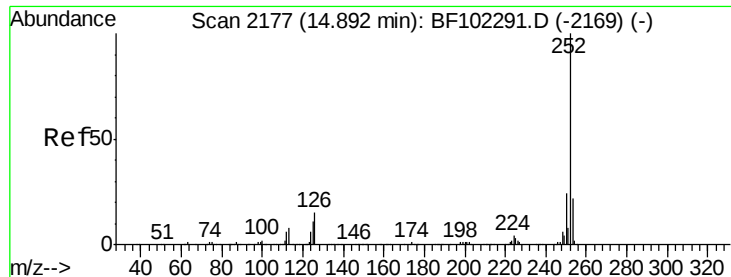


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

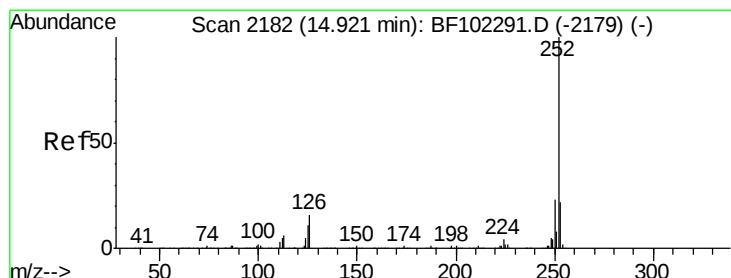
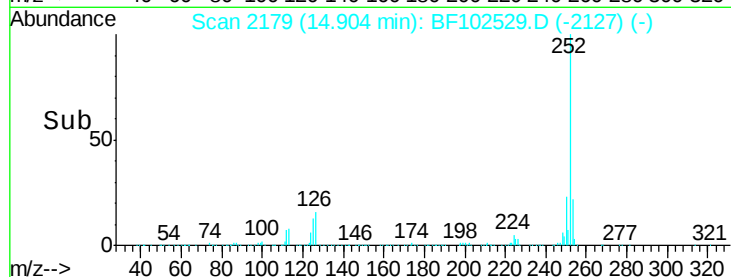
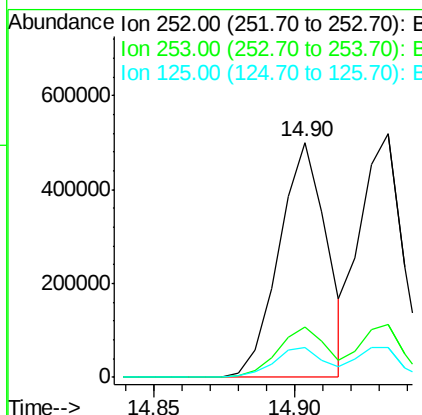
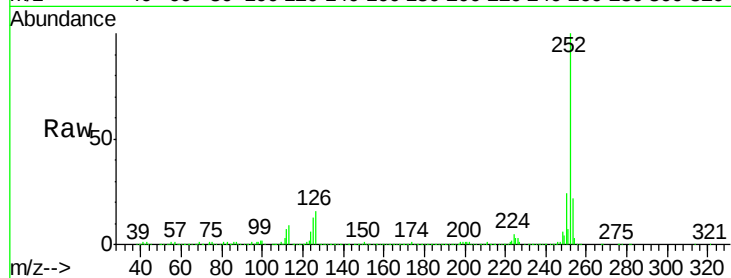




#87
Benzo(b)fluoranthene
Concen: 42.624 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

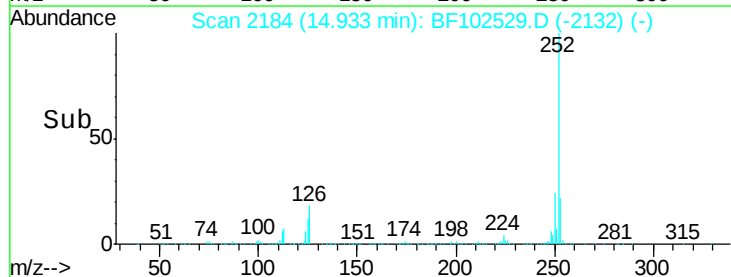
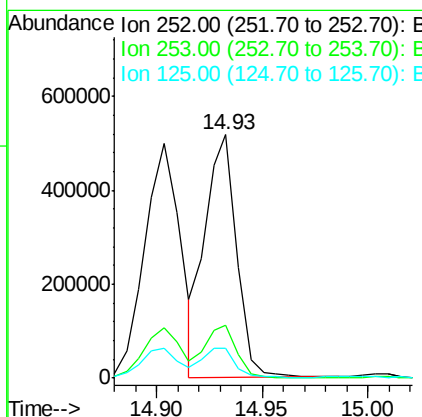
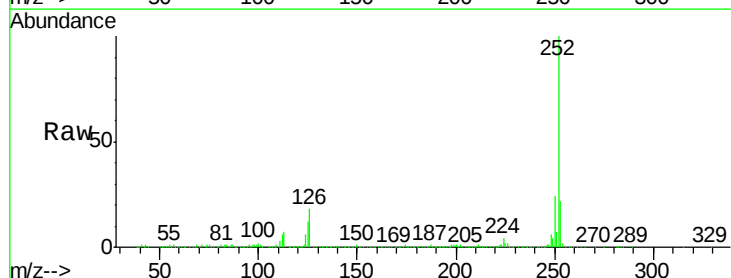
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MS

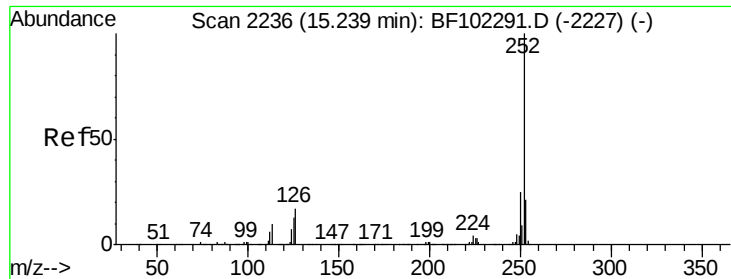
Tgt Ion:252 Resp: 587658
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.188 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF102529.D
Acq: 27 Jan 2018 23:51

Tgt Ion:252 Resp: 536505
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.181 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS

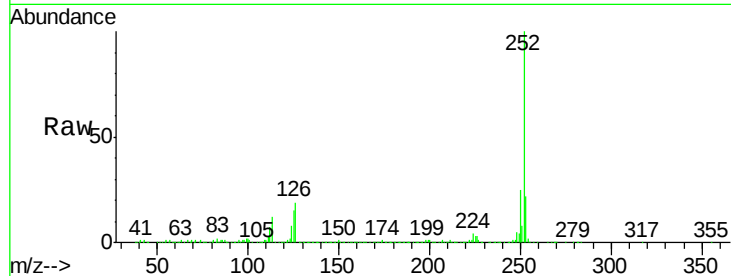
Tgt Ion:252 Resp: 512066

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

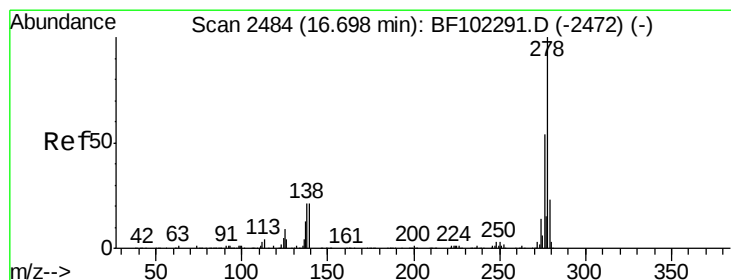
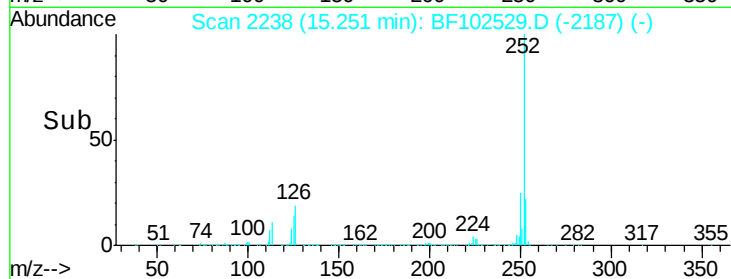
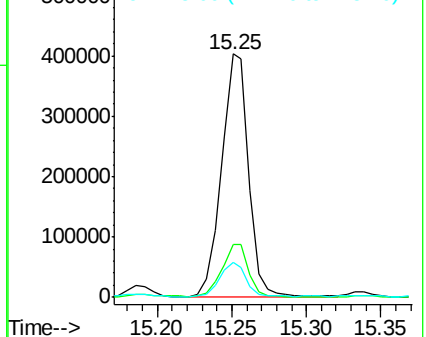
125 14.6 9.8 14.6



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: 35.261 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF102529.D

Acq: 27 Jan 2018 23:51

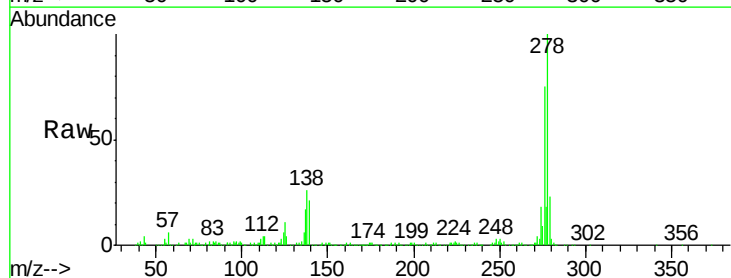
Tgt Ion:278 Resp: 355168

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

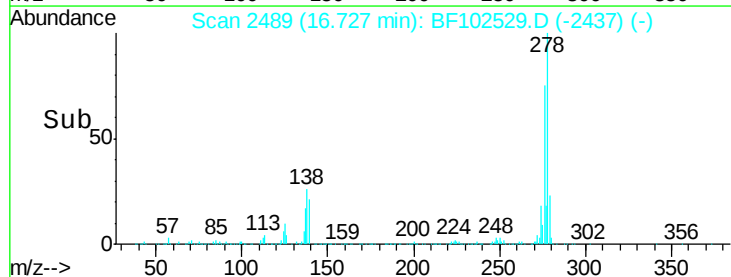
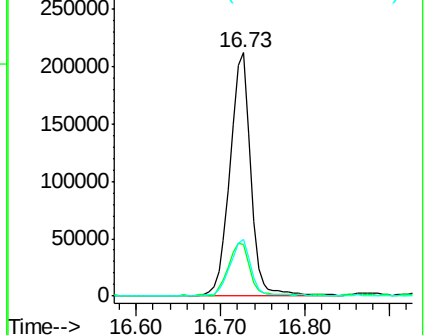
279 23.2 19.0 28.4

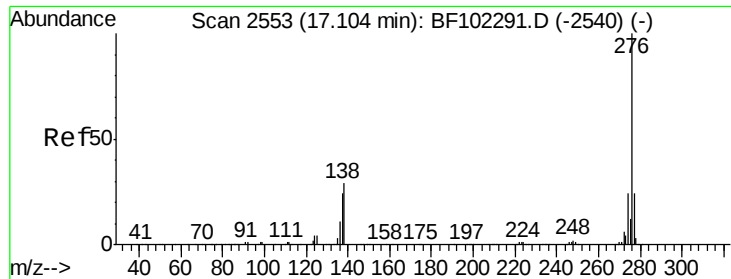


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.847 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102529.D

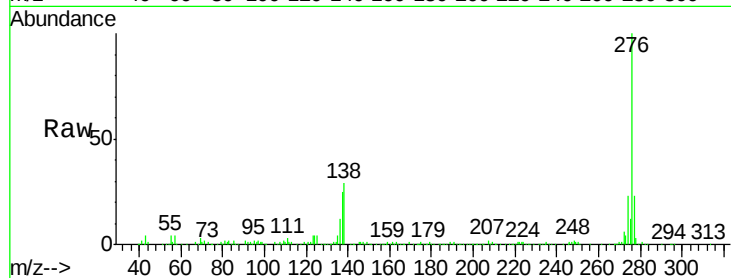
Acq: 27 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MS



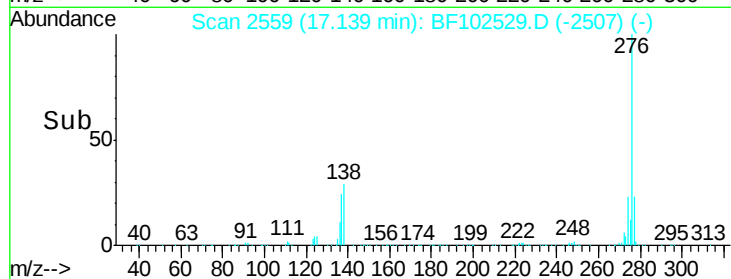
Tgt Ion: 276 Resp: 356519

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 29.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

