

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102541.D
 Acq On : 28 Jan 2018 6:08
 Operator : SJ/JU
 Sample : PB106115BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:54:21 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	192484	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	761571	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	314718	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	455856	20.00	ng	0.00
75) Chrysene-d12	13.88	240	308828	20.00	ng	0.00
86) Perylene-d12	15.30	264	251532	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1366480	107.64	ng	0.02
7) Phenol-d6	6.37	99	1645450	107.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	1025295	77.37	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	257399	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1618271	75.61	ng	0.00
78) Terphenyl-d14	12.82	244	1109405	80.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	204200	33.855	ng	98
3) Pyridine	3.16	79	578737	36.716	ng	98
4) n-Nitrosodimethylamine	3.12	42	271091	43.869	ng	96
6) Aniline	6.39	93	324273	16.019	ng	# 45
8) 2-Chlorophenol	6.50	128	508104	38.182	ng	99
9) Benzaldehyde	6.26	77	252136	26.635	ng	98
10) Phenol	6.38	94	598846	35.841	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	502953	39.578	ng	98
12) 1,3-Dichlorobenzene	6.66	146	555715	35.113	ng	98
13) 1,4-Dichlorobenzene	6.73	146	562060	35.453	ng	98
14) 1,2-Dichlorobenzene	6.89	146	504990	34.824	ng	98
15) Benzyl Alcohol	6.87	79	370169	34.280	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	788876	37.013	ng	75
17) 2-Methylphenol	6.98	107	417715	36.143	ng	# 94
18) Hexachloroethane	7.22	117	164918	29.852	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	339765	36.277	ng	99
20) 3+4-Methylphenols	7.14	107	520087	38.263	ng	91
22) Acetophenone	7.13	105	696115	38.344	ng	# 96
24) Nitrobenzene	7.30	77	524580	38.680	ng	99
25) Isophorone	7.54	82	974776	41.259	ng	98
26) 2-Nitrophenol	7.62	139	250699	35.122	ng	90
27) 2,4-Dimethylphenol	7.66	122	460256	44.407	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	626378	42.919	ng	99
29) 2,4-Dichlorophenol	7.86	162	414319	39.244	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	396730	35.055	ng	97
31) Naphthalene	8.02	128	1389921	36.554	ng	100
32) Benzoic acid	7.81	122	241654	27.829	ng	95
33) 4-Chloroaniline	8.07	127	160850	10.060	ng	99
34) Hexachlorobutadiene	8.13	225	208447	34.485	ng	98
35) Caprolactam	8.46	113	136571	39.168	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	434821	39.073	ng	97
37) 2-Methylnaphthalene	8.71	142	921432	36.387	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	350476	37.015	ng	98
40) Hexachlorocyclopentadiene	8.86	237	24560	5.796	ng	99

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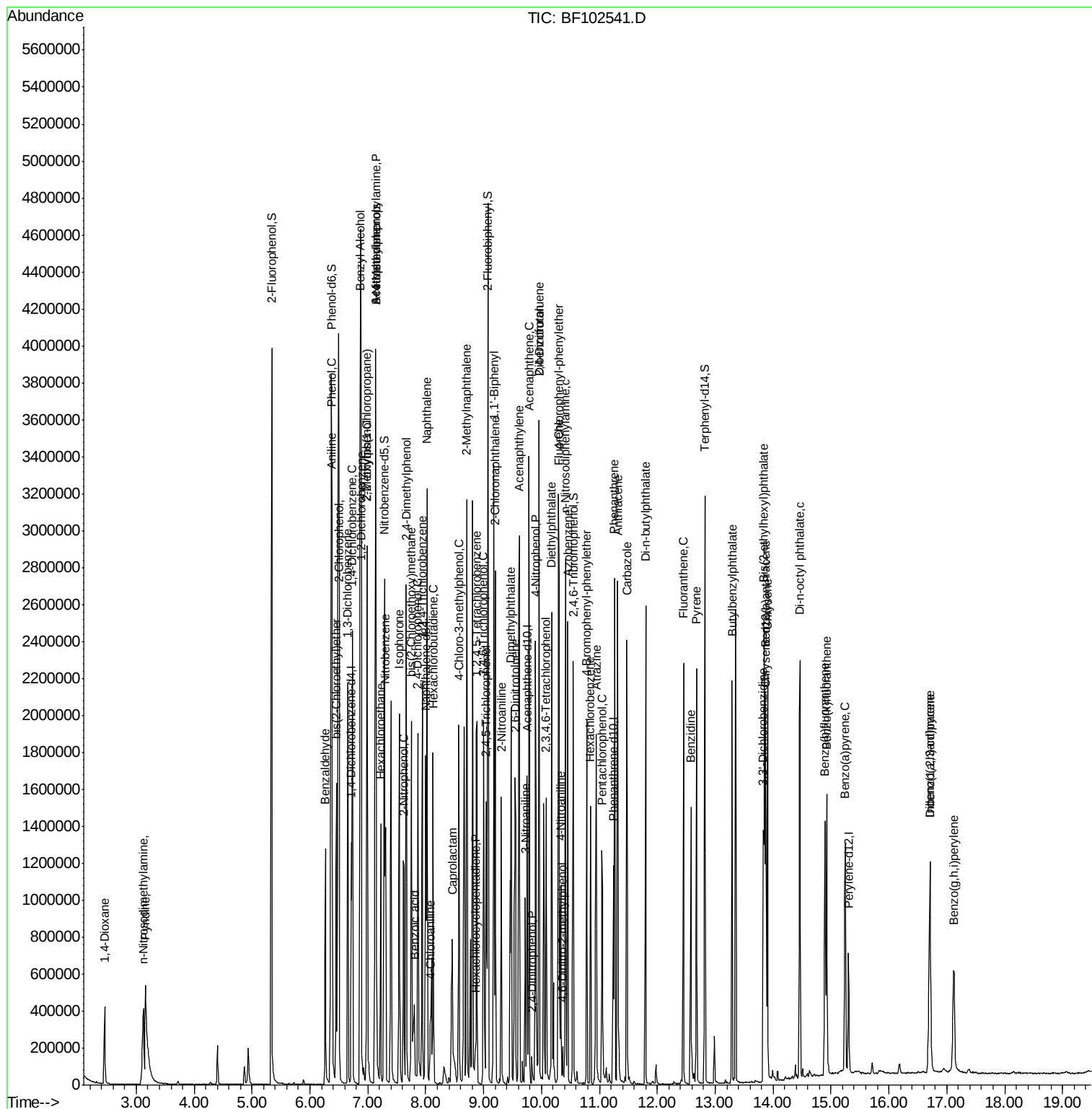
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	240953	38.014	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	257263	36.048	ng	97
45) 1,1'-Biphenyl	9.17	154	1026898	36.491	ng	99
46) 2-Chloronaphthalene	9.20	162	790113	36.122	ng	98
47) 2-Nitroaniline	9.30	65	282868	41.480	ng	93
48) Acenaphthylene	9.62	152	1174546	34.467	ng	99
49) Dimethylphthalate	9.47	163	985692	37.892	ng	99
50) 2,6-Dinitrotoluene	9.55	165	201232	35.880	ng	89
51) Acenaphthene	9.79	154	687219	34.530	ng	99
52) 3-Nitroaniline	9.72	138	155056	23.370	ng	96
53) 2,4-Dinitrophenol	9.83	184	22238	12.125	ng	# 21
54) Dibenzofuran	9.96	168	988677	36.706	ng	96
55) 4-Nitrophenol	9.90	139	263551	60.177	ng	93
56) 2,4-Dinitrotoluene	9.96	165	222240	32.223	ng	# 89
57) Fluorene	10.30	166	767894	35.978	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	178757	35.081	ng	97
59) Diethylphthalate	10.17	149	929432	36.767	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	346457	37.440	ng	100
61) 4-Nitroaniline	10.33	138	206501	31.191	ng	90
62) Azobenzene	10.45	77	858010	37.072	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	22065	7.255	ng	97
65) n-Nitrosodiphenylamine	10.42	169	718687	42.954	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	205407	41.858	ng	96
67) Hexachlorobenzene	10.85	284	195202	35.568	ng	92
68) Atrazine	10.95	200	207208	41.931	ng	98
69) Pentachlorophenol	11.05	266	150210	52.101	ng	99
70) Phenanthrene	11.26	178	980570	36.914	ng	99
71) Anthracene	11.32	178	999758	36.873	ng	100
72) Carbazole	11.47	167	947849	35.834	ng	100
73) Di-n-butylphthalate	11.80	149	1325896	40.102	ng	99
74) Fluoranthene	12.45	202	889225	32.827	ng	98
76) Benzidine	12.58	184	669886	64.570	ng	98
77) Pyrene	12.68	202	882199	36.947	ng	99
79) Butylbenzylphthalate	13.29	149	477985	40.225	ng	99
80) Benzo(a)anthracene	13.87	228	762116	40.083	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	280637	40.236	ng	97
82) Chrysene	13.90	228	730094	37.813	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	667419	41.795	ng	99
84) Di-n-octyl phthalate	14.46	149	1068287	41.136	ng	99
85) Indeno(1,2,3-cd)pyrene	16.71	276	524617	32.900	ng	96
87) Benzo(b)fluoranthene	14.90	252	643890	39.495	ng	99
88) Benzo(k)fluoranthene	14.93	252	625291	40.596	ng	98
89) Benzo(a)pyrene	15.24	252	590687	40.173	ng	97
90) Dibenzo(a,h)anthracene	16.72	278	444884	37.352	ng	96
91) Benzo(g,h,i)perylene	17.12	276	424917	36.131	ng	95

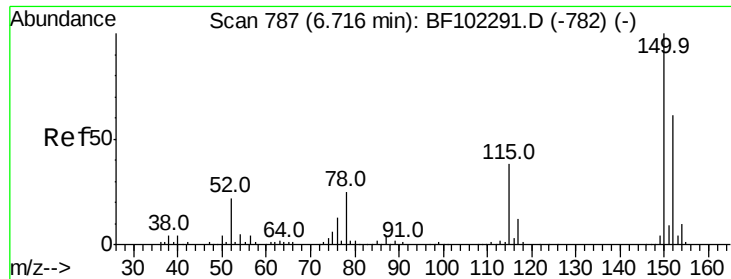
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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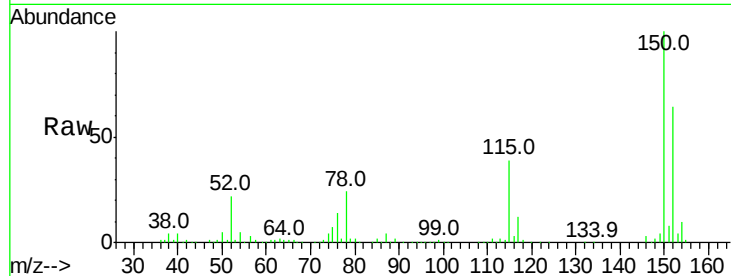


#1

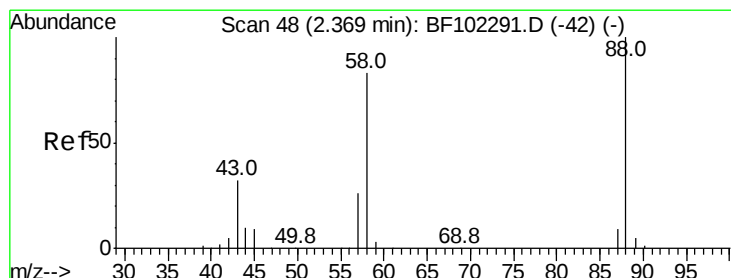
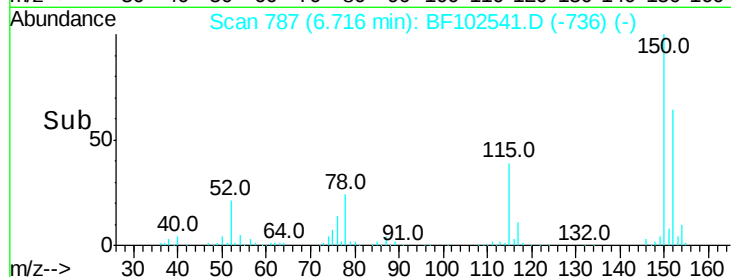
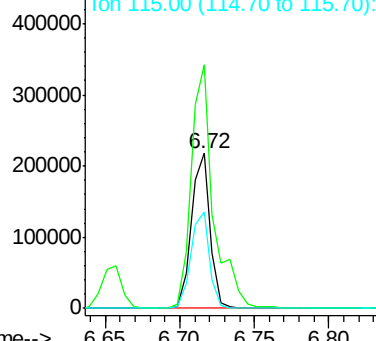
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 192484
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.8 50.1 75.1



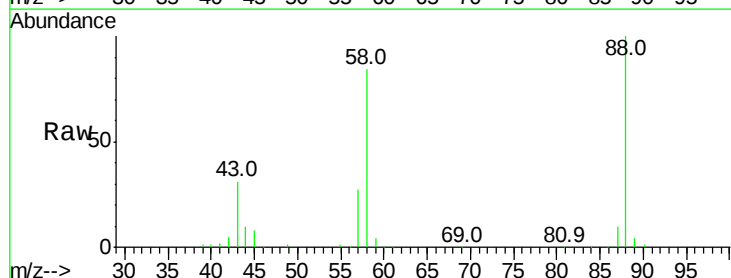
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



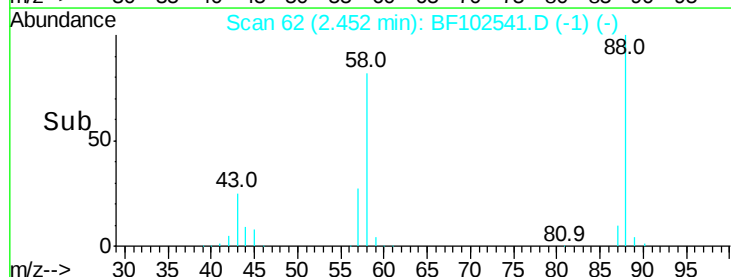
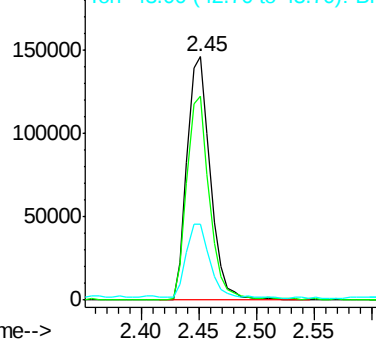
#2

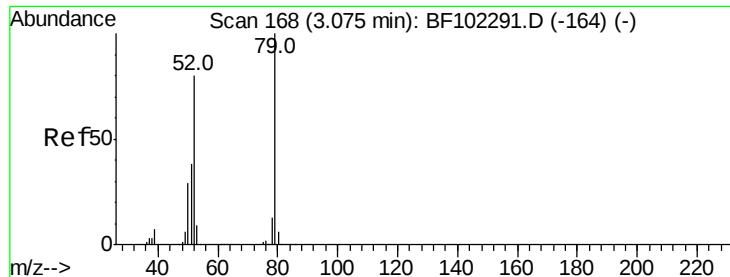
1,4-Dioxane
Concen: 33.855 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.09 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion: 88 Resp: 204200
Ion Ratio Lower Upper
88 100
58 80.8 62.6 93.8
43 31.0 24.6 37.0



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





#3

Pvridine

Concen: 36.716 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

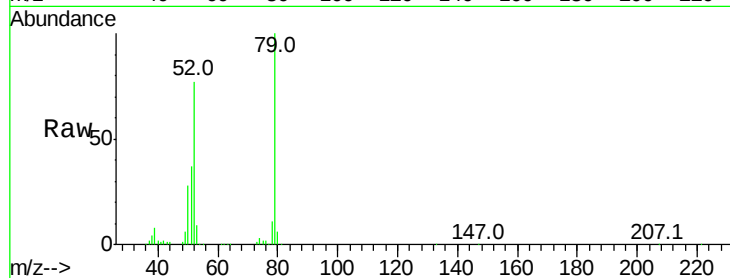
Tot Ion: 79 Resp: 578737

Ion Ratio Lower Upper

79 100

52 76.6 59.8 89.6

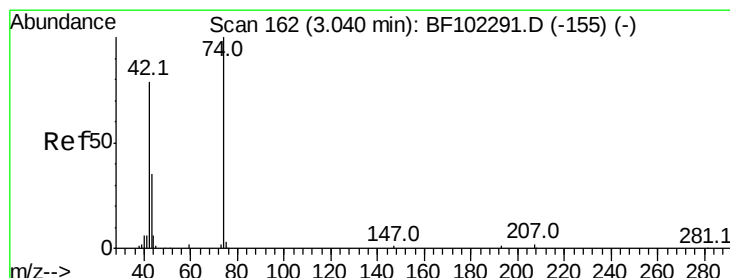
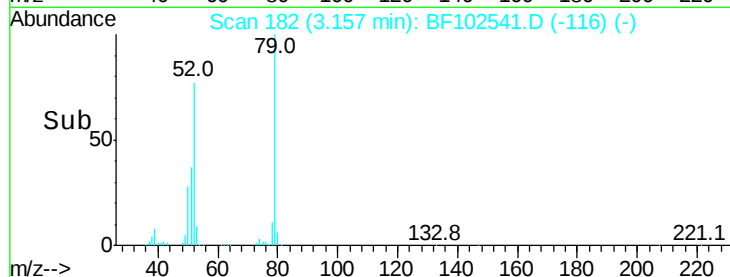
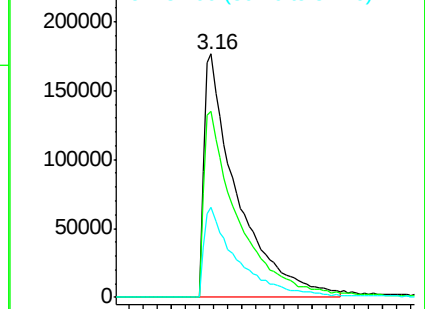
51 37.2 29.8 44.8



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: 43.869 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.08 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

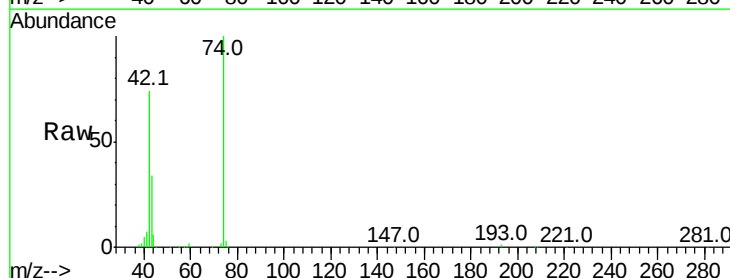
Tgt Ion: 42 Resp: 271091

Ion Ratio Lower Upper

42 100

74 135.5 104.9 157.3

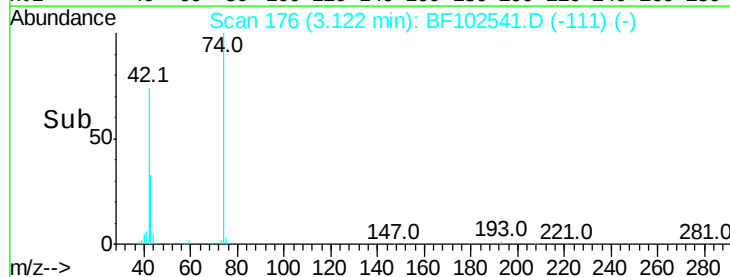
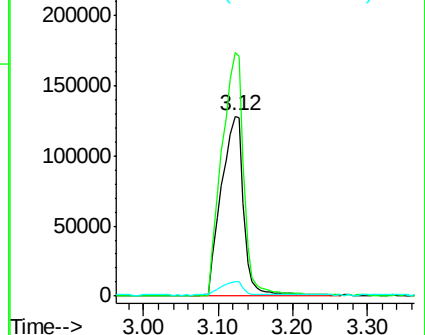
44 7.8 6.9 10.3

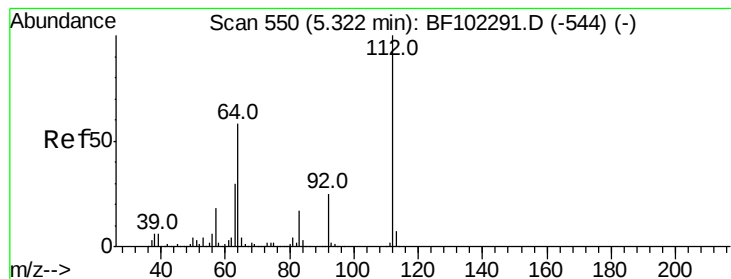


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.642 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

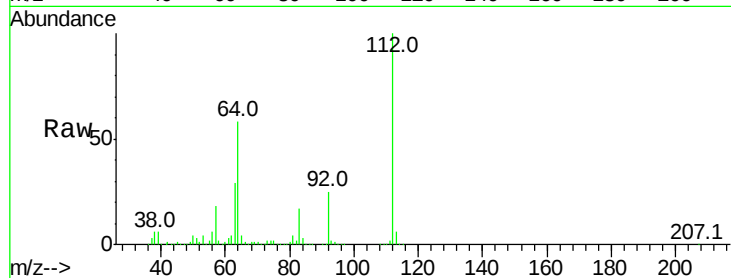
Tot Ion:112 Resp: 1366480

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

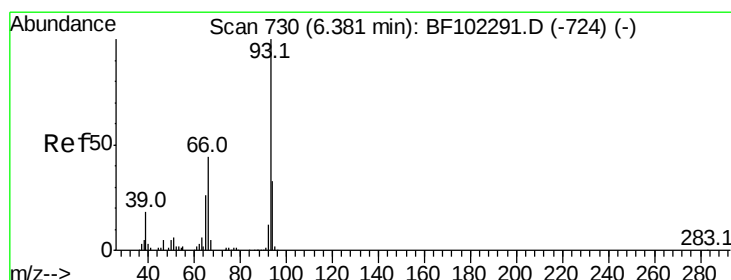
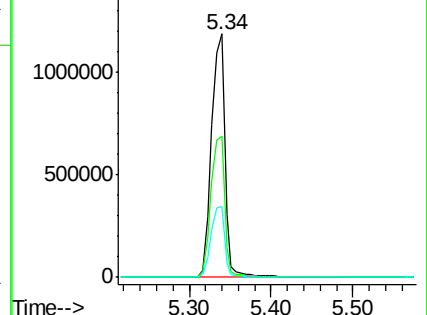
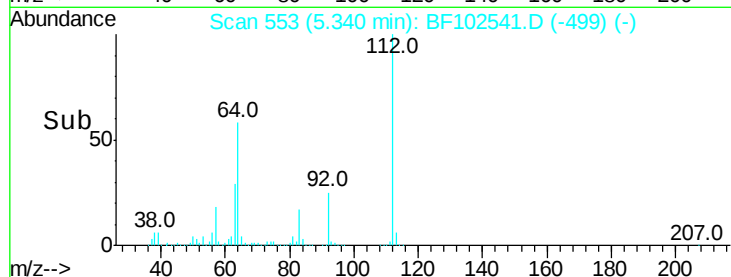
63 29.3 23.7 35.5



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: 16.019 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

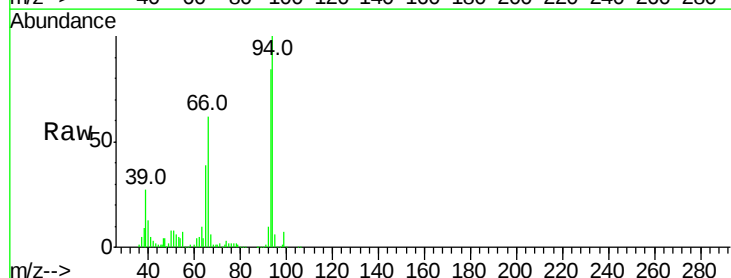
Tgt Ion: 93 Resp: 324273

Ion Ratio Lower Upper

93 100

66 73.8 32.2 48.2#

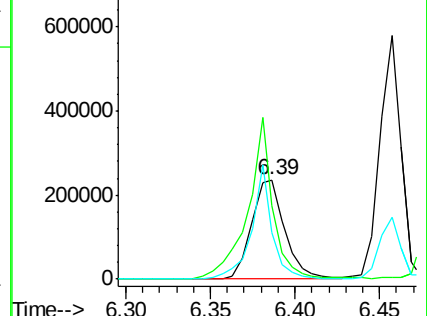
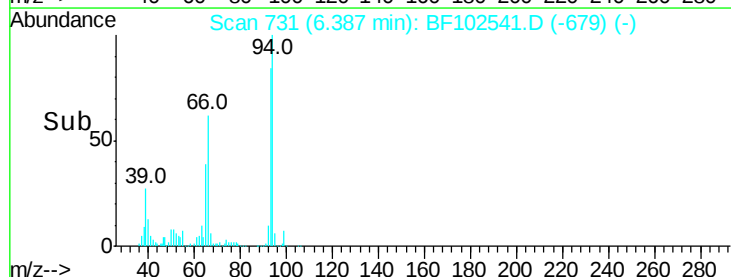
65 46.1 16.4 24.6#

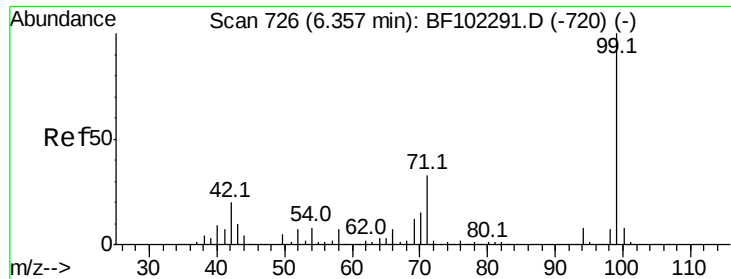


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.514 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

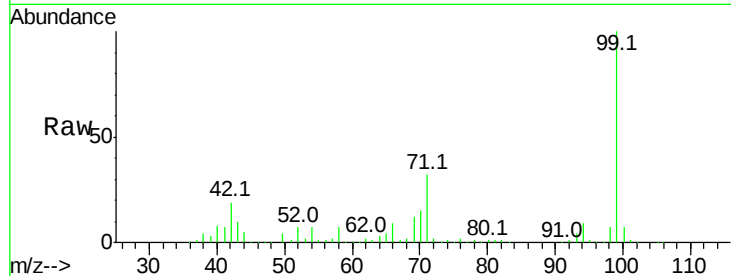
Instrument :

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ClientSampleId :

Tot Ion: 99 Resp: 1645450

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	32.2	25.4	38.0

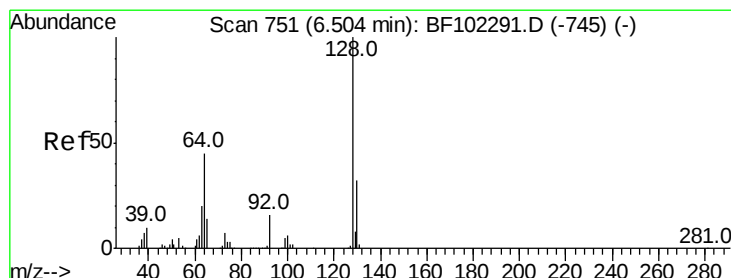
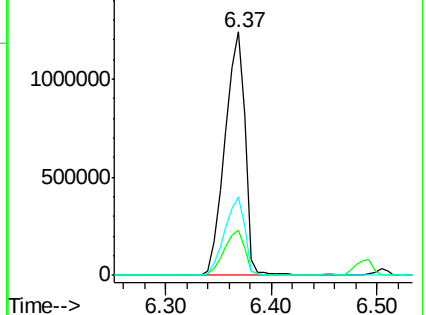
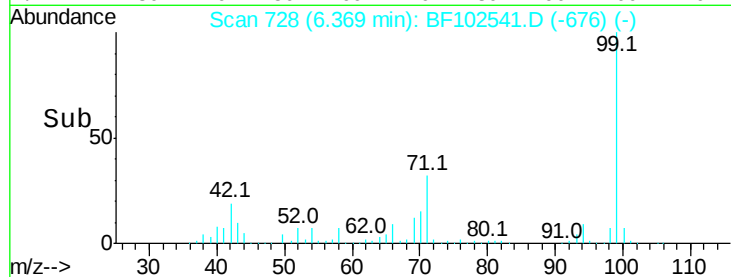


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.182 ng

RT: 6.50 min Scan# 751

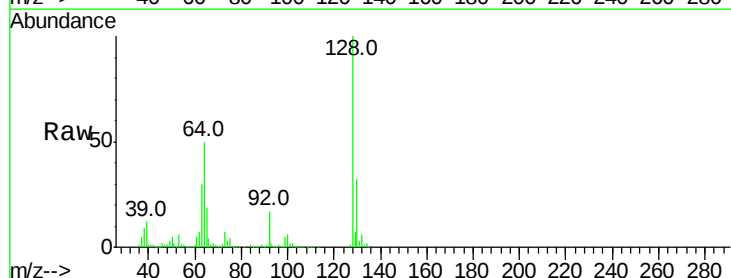
Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion: 128 Resp: 508104

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	50.1	29.4	69.4

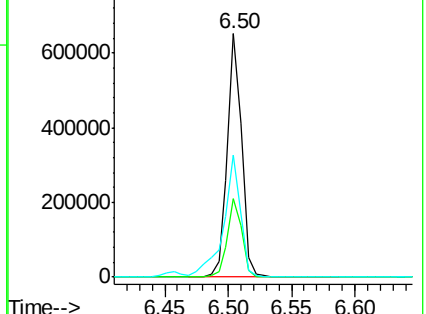
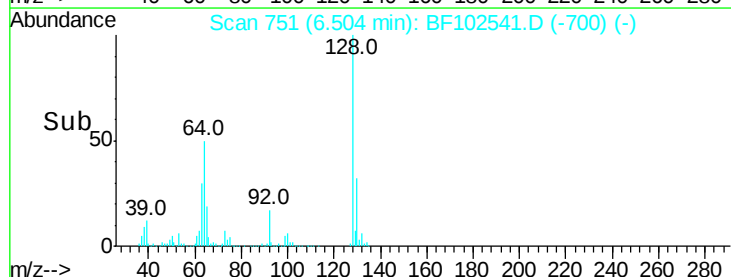


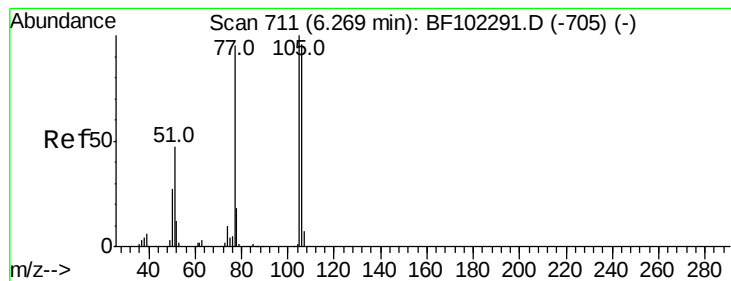
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.635 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

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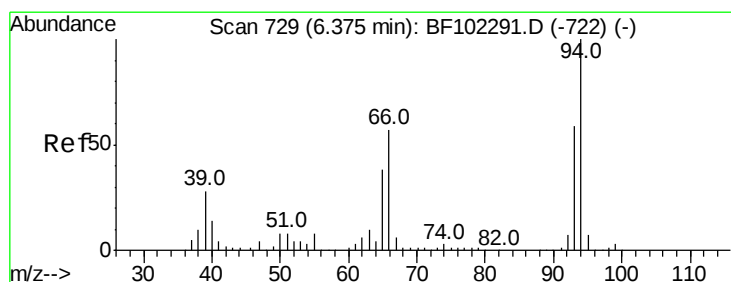
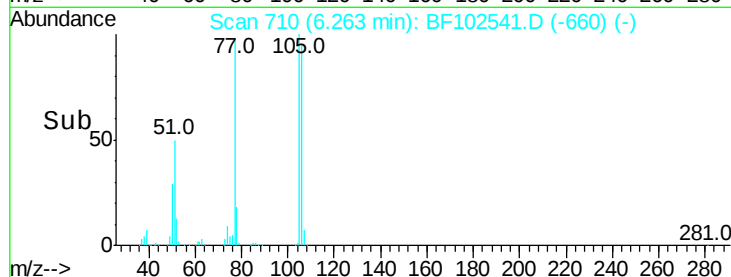
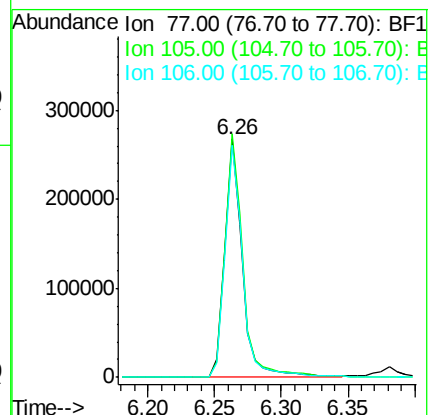
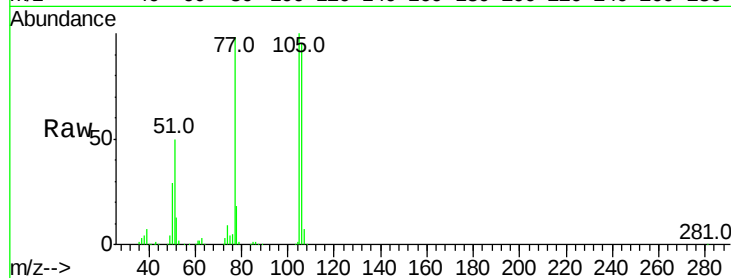
Tot Ion: 77 Resp: 252136

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

106 97.4 74.5 114.5



#10

Phenol

Concen: 35.841 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

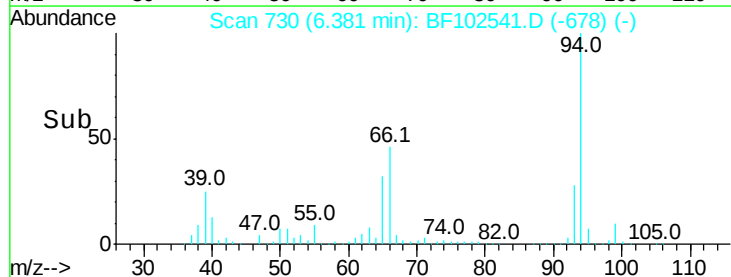
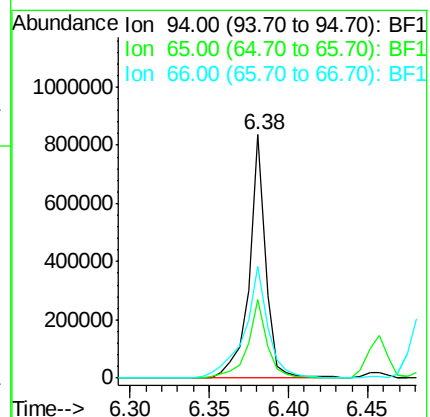
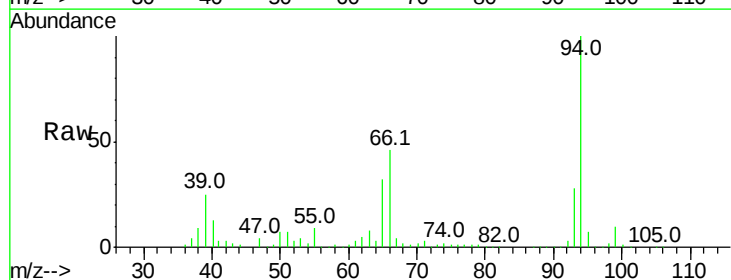
Tgt Ion: 94 Resp: 598846

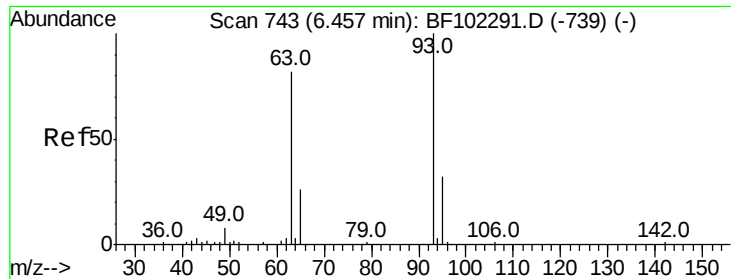
Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

66 45.9 16.2 56.2

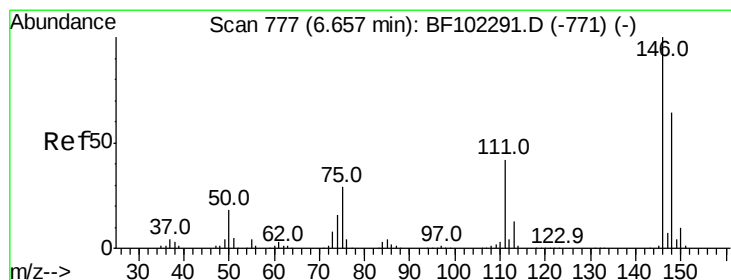
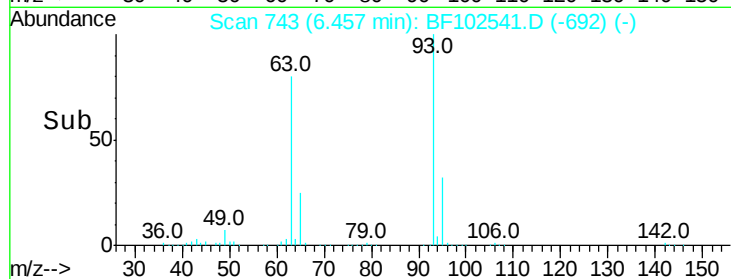
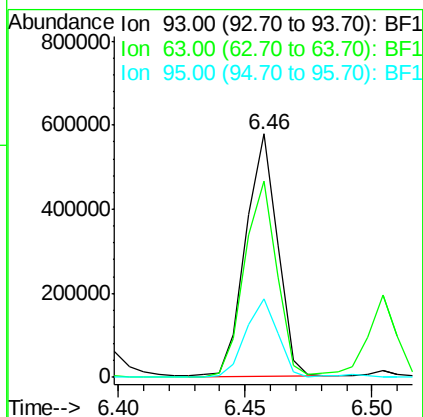
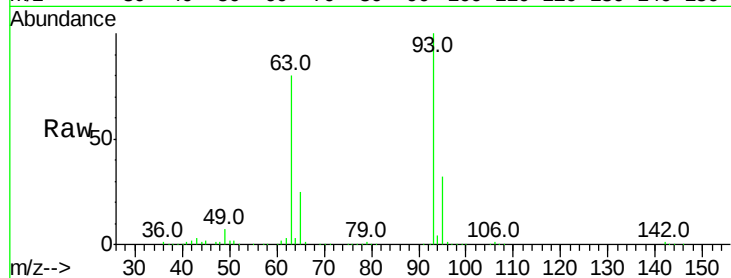




#11
bis(2-Chloroethyl)ether
Concen: 39.578 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

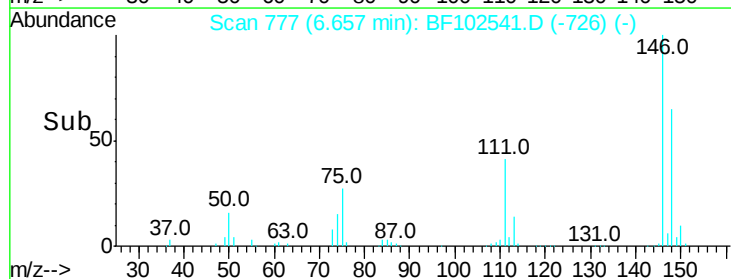
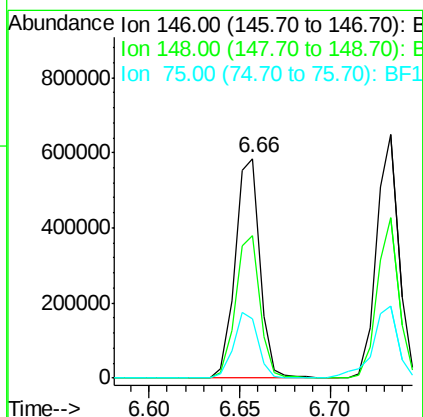
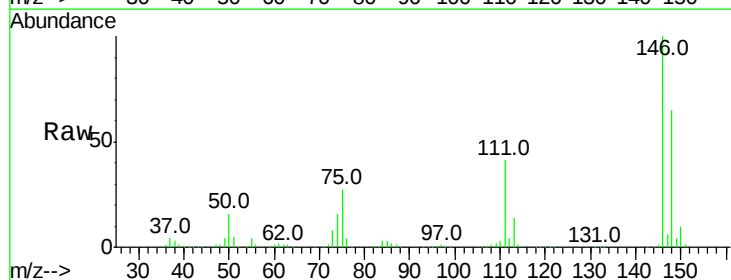
Instrument :
BNA_F
ClientSampleId :

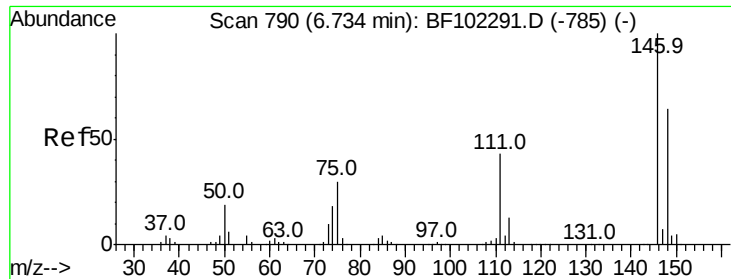
Tot Ion: 93 Resp: 502953
Ion Ratio Lower Upper
93 100
63 80.4 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.113 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion: 146 Resp: 555715
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 26.9 24.2 36.4

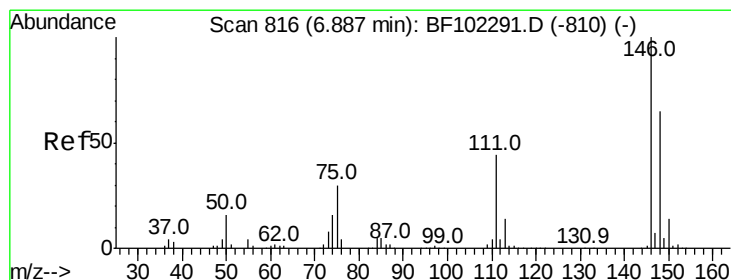
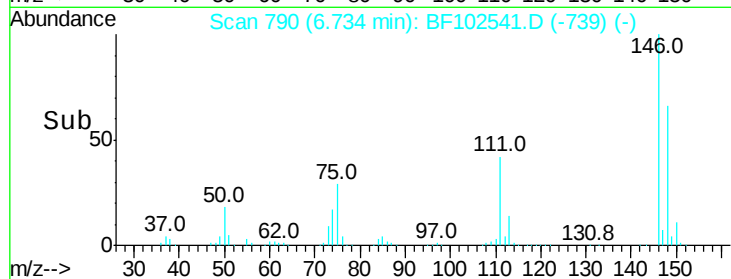
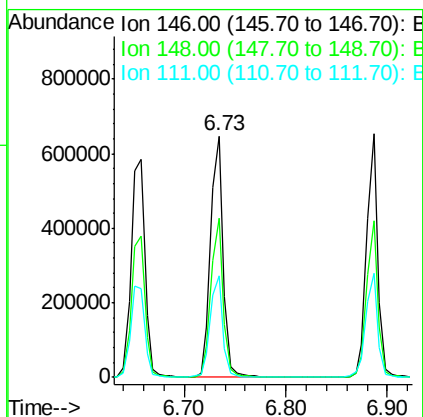
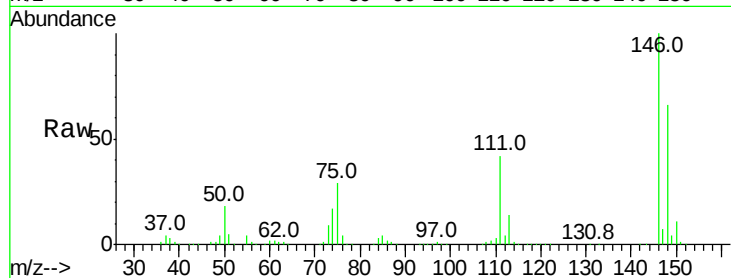




#13
 1,4-Dichlorobenzene
 Concen: 35.453 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

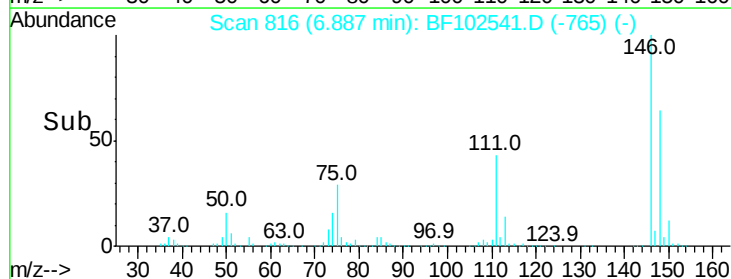
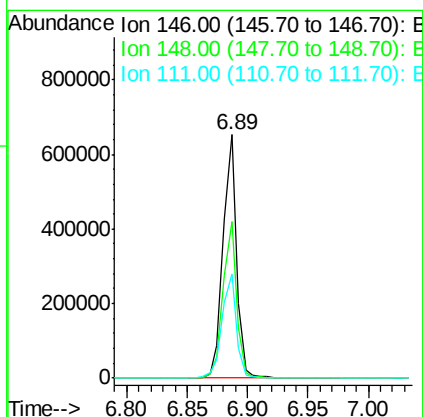
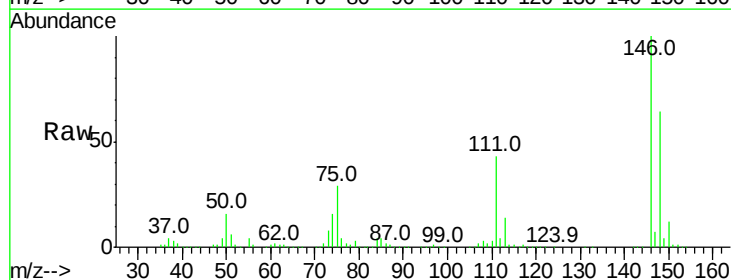
Instrument :
 BNA_F
 ClientSampleId :

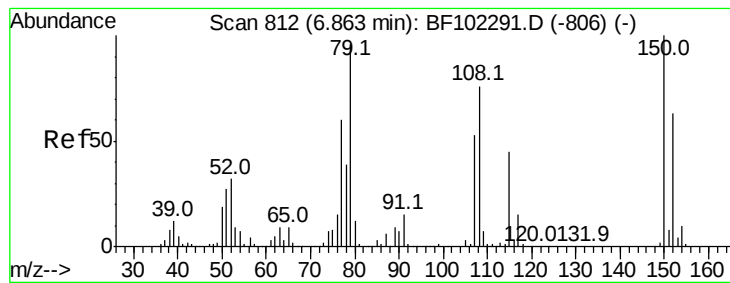
Tot Ion:146 Resp: 562060
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.8 76.2
 111 41.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.824 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:146 Resp: 504990
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 42.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.280 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampled :

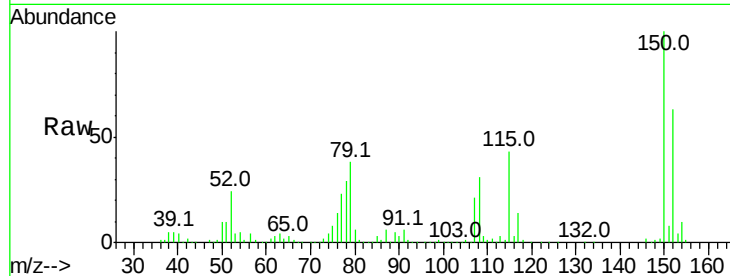
Tot Ion: 79 Resp: 370169

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

77 60.8 50.6 75.8

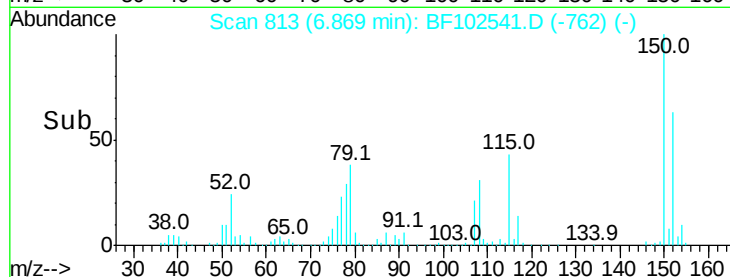


Abundance Ion 79.00 (78.70 to 79.70): BF1

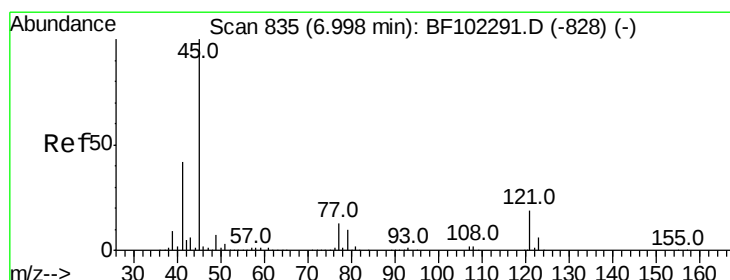
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.013 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

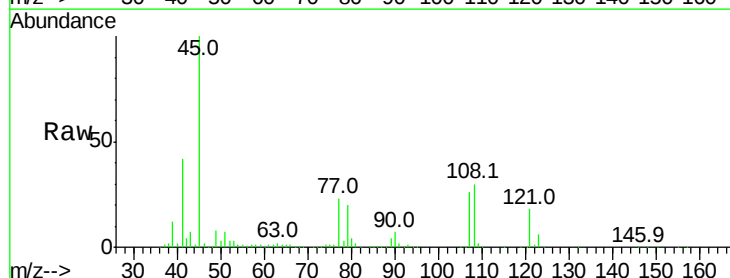
Tgt Ion: 45 Resp: 788876

Ion Ratio Lower Upper

45 100

77 22.5 0.0 32.9

79 19.5 0.0 29.6

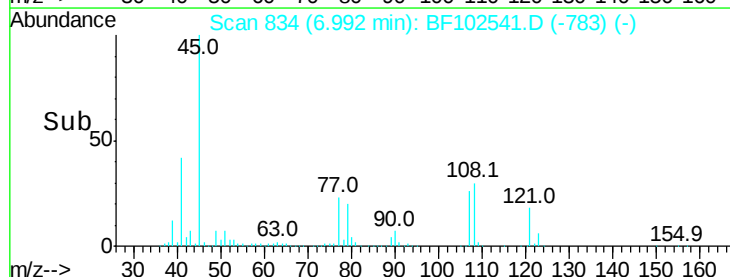


Abundance Ion 45.00 (44.70 to 45.70): BF1

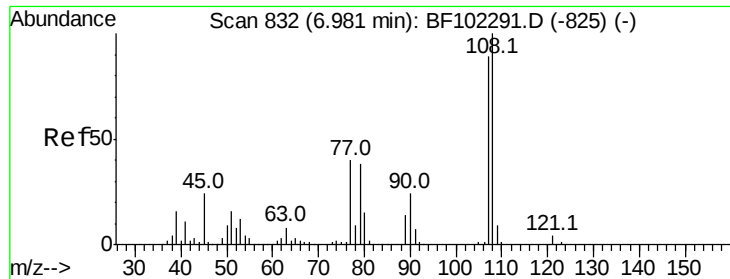
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



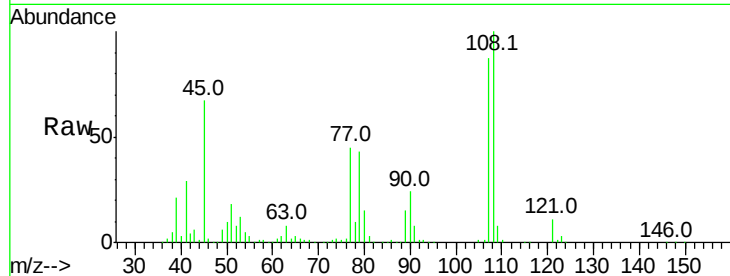
Time-->



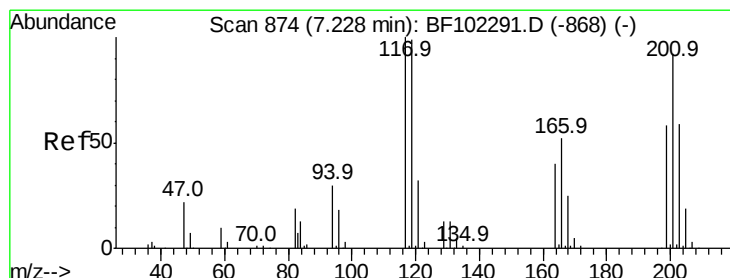
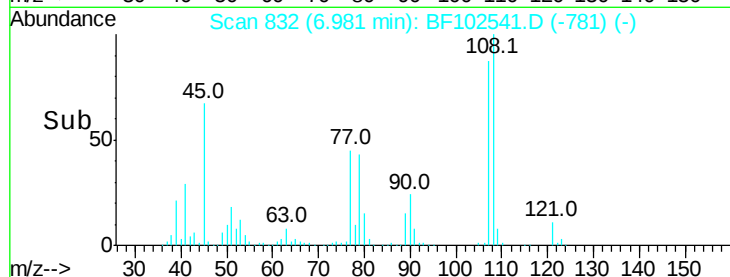
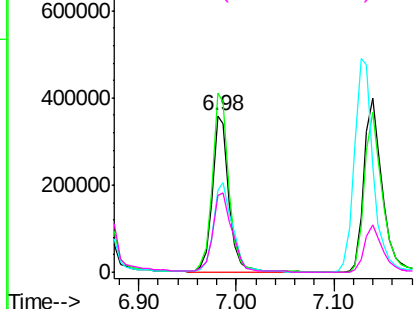
#17
2-Methylphenol
Concen: 36.143 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 417715
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 52.2 33.8 50.8#
79 48.9 33.8 50.8

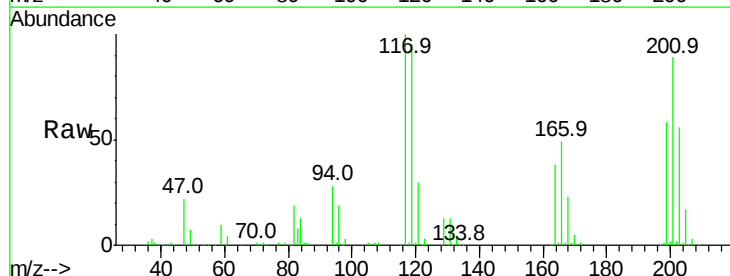


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

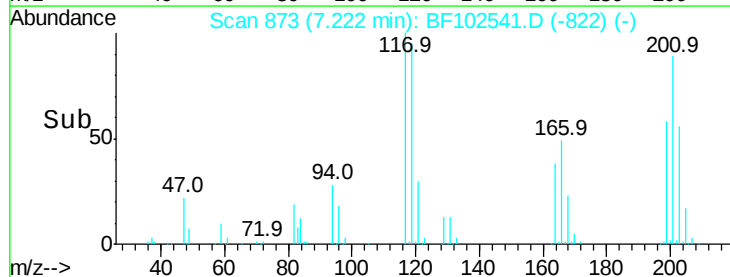
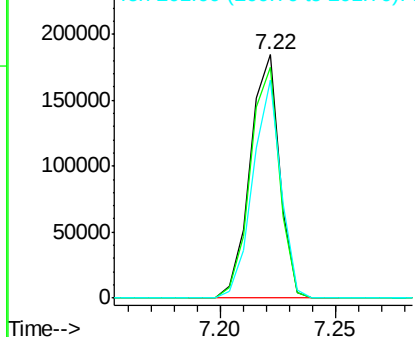


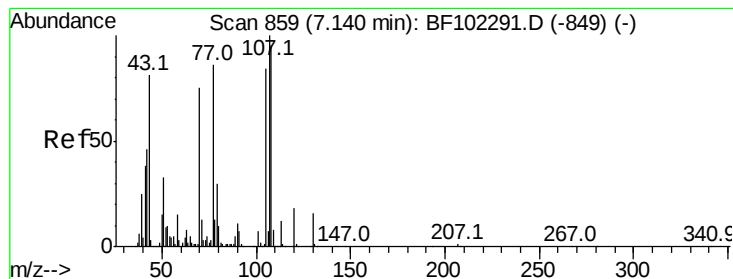
#18
Hexachloroethane
Concen: 29.852 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion:117 Resp: 164918
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 89.3 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.277 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 339765

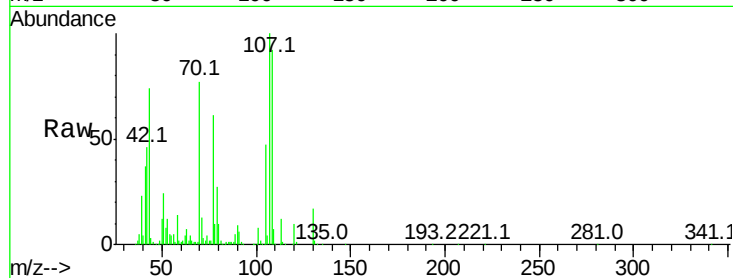
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.5	71.3
101	9.9	7.4	11.2
130	21.9	16.6	25.0

70 100

42 59.5 47.5 71.3

101 9.9 7.4 11.2

130 21.9 16.6 25.0

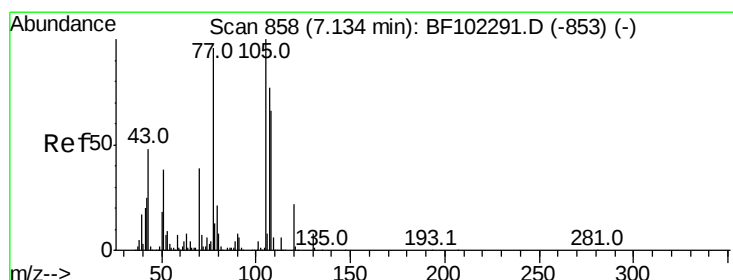
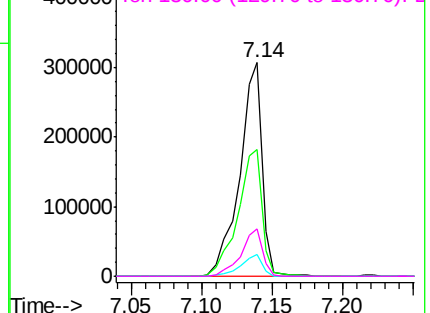
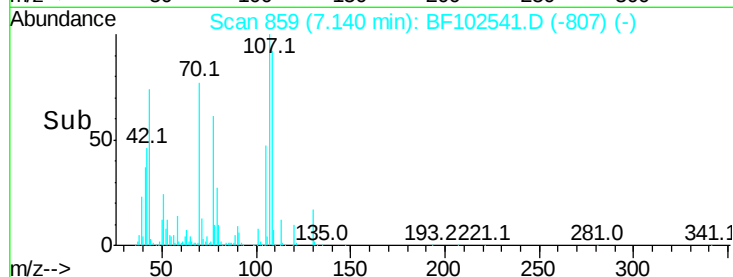


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 38.263 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion: 107 Resp: 520087

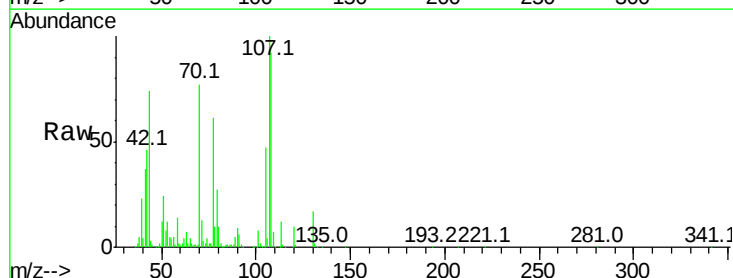
Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	61.2	26.7	66.7
79	27.4	6.3	46.3

107 100

108 91.8 68.2 108.2

77 61.2 26.7 66.7

79 27.4 6.3 46.3

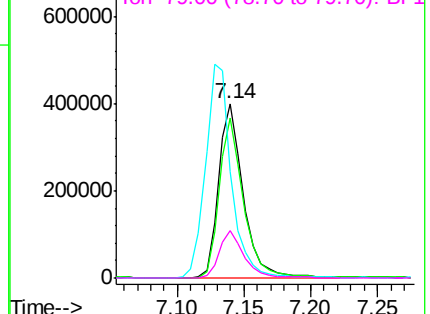
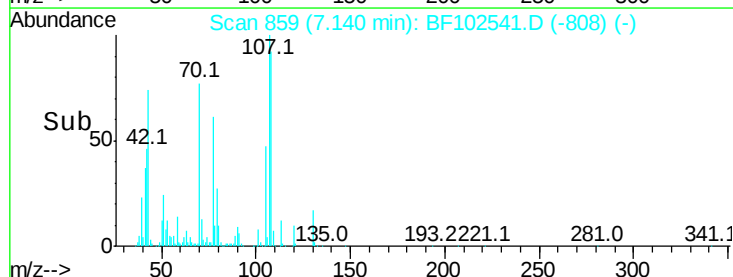


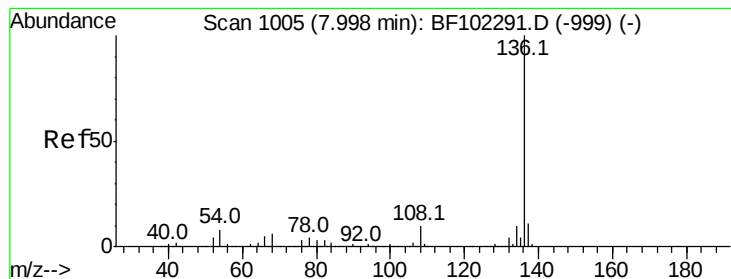
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 761571

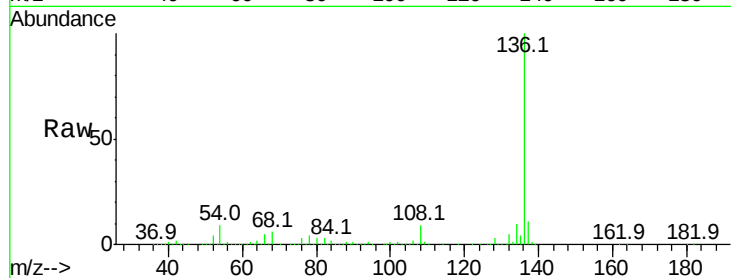
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.5 6.6 9.8

68 6.1 5.0 7.4

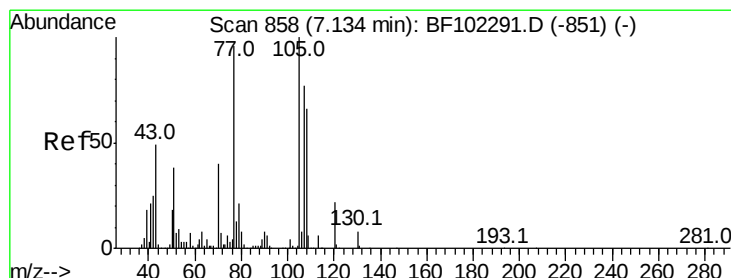
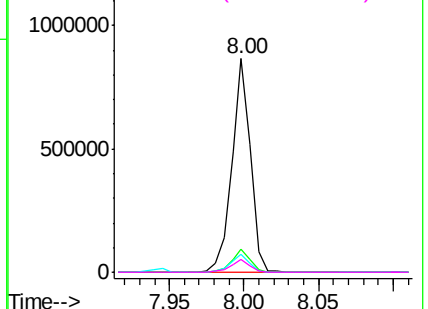
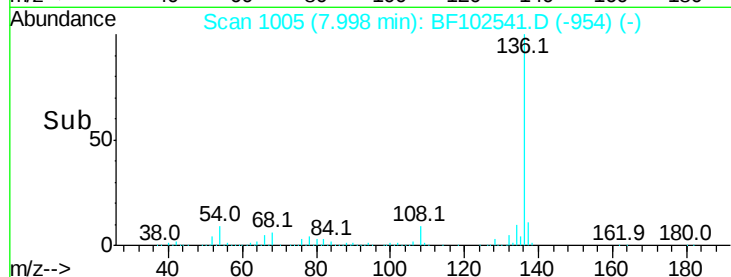


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.344 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion:105 Resp: 696115

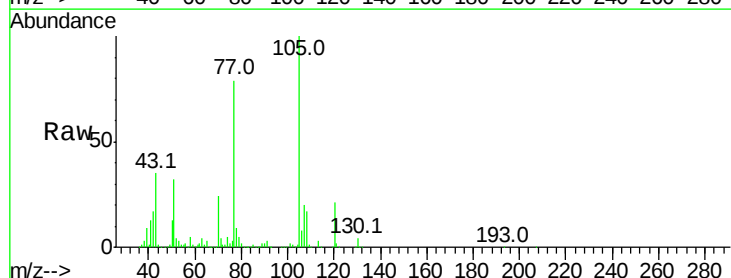
Ion Ratio Lower Upper

105 100

71 4.3 4.4 6.6#

51 31.6 22.3 33.5

120 20.8 16.9 25.3

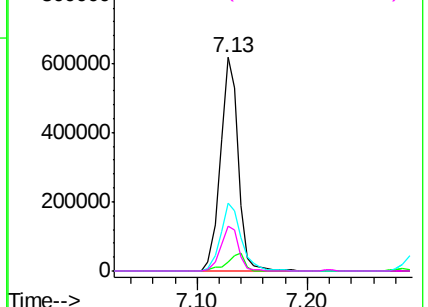
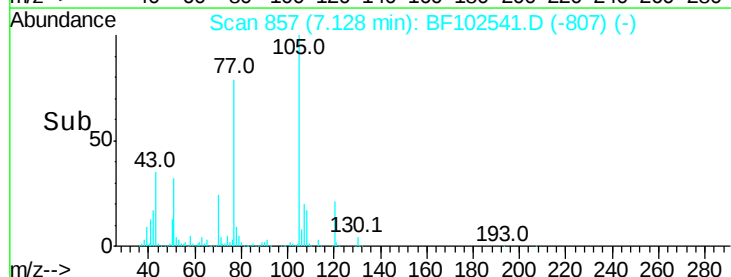


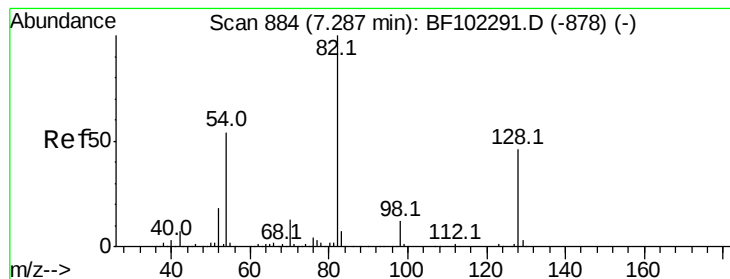
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.367 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

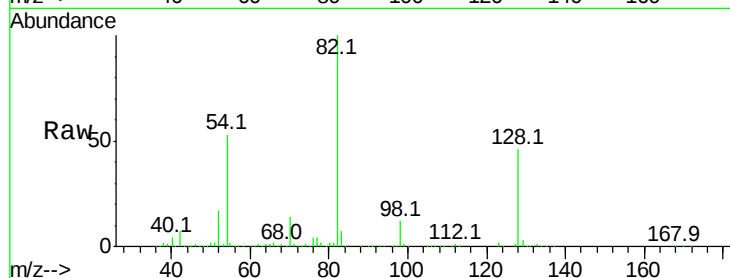
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1025295

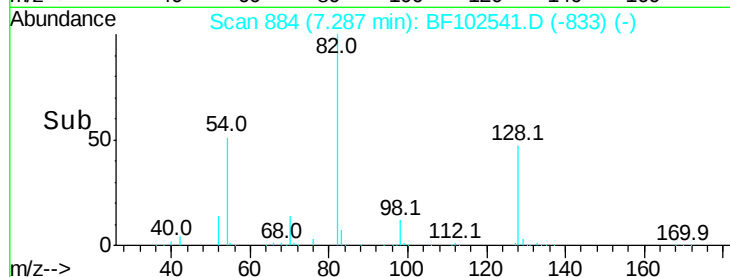
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	53.2	41.4	62.2



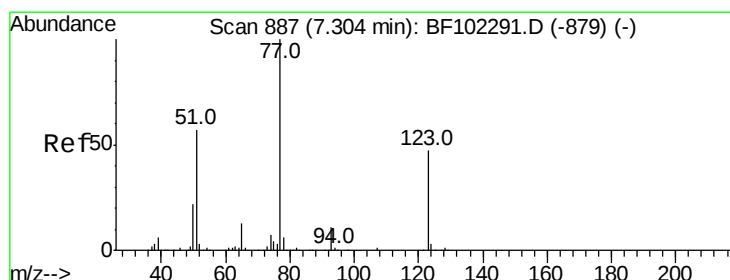
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#24

Nitrobenzene

Concen: 38.680 ng

RT: 7.30 min Scan# 887

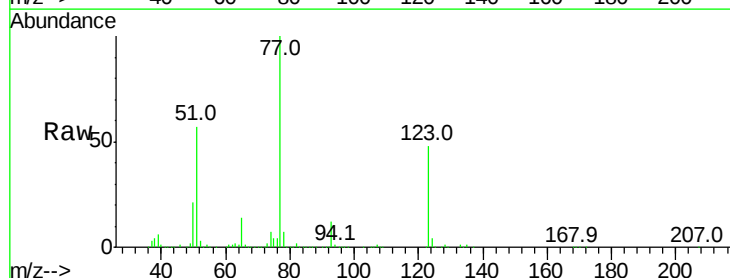
Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion: 77 Resp: 524580

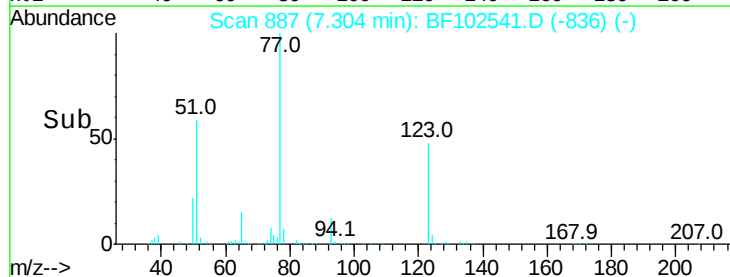
Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.9	56.9
65	14.0	11.0	16.4



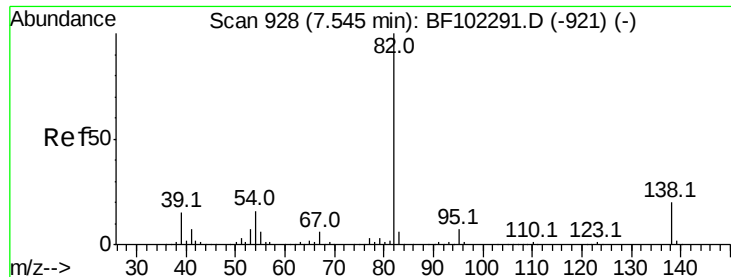
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#25

Isophorone

Concen: 41.259 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

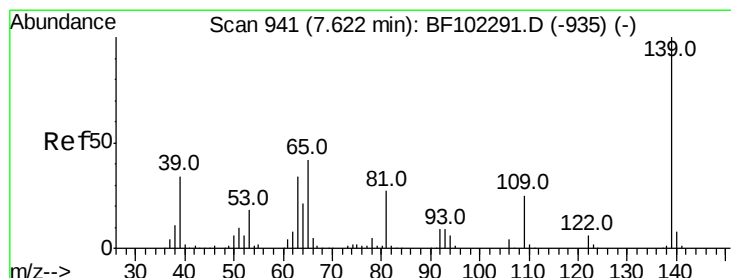
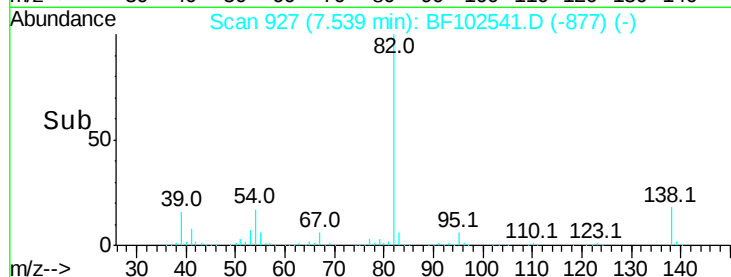
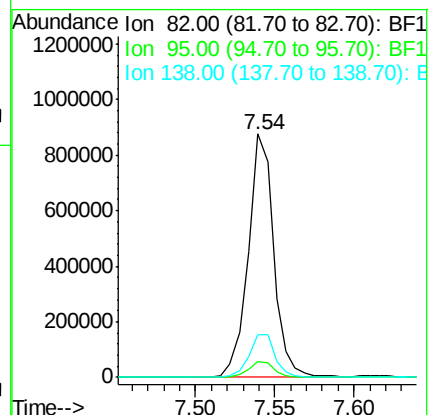
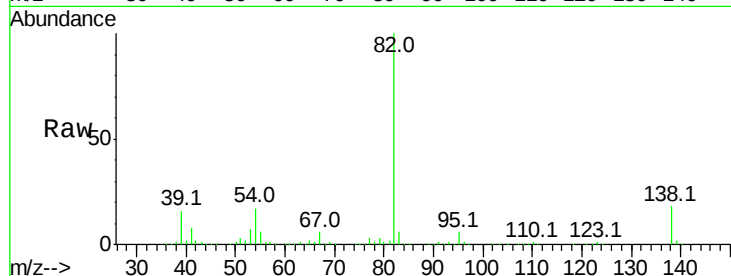
Tot Ion: 82 Resp: 974776

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 35.122 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

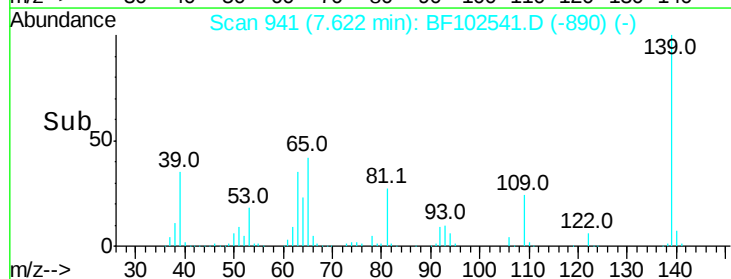
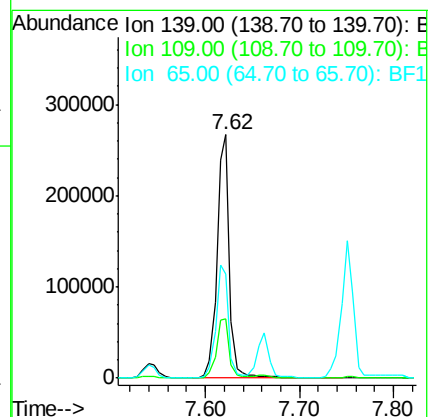
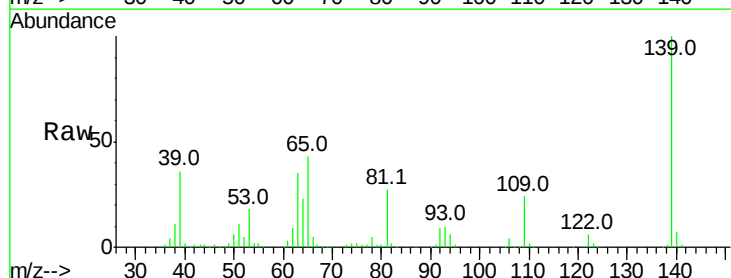
Tgt Ion: 139 Resp: 250699

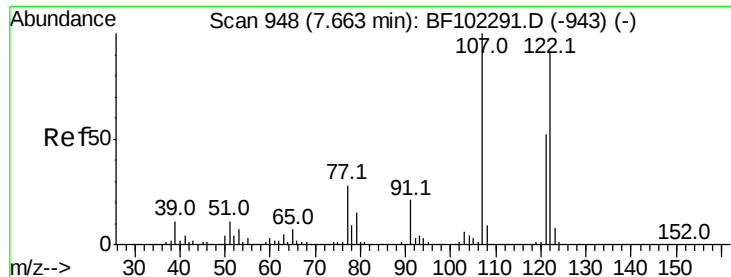
Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

65 42.9 40.5 60.7

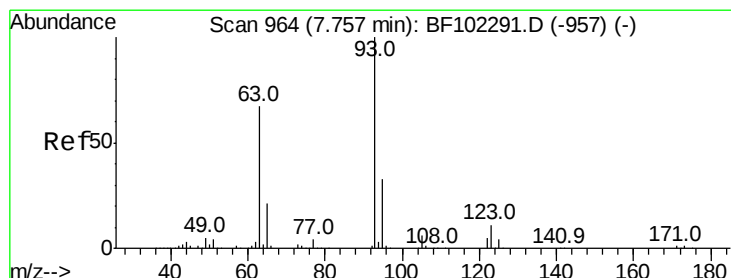
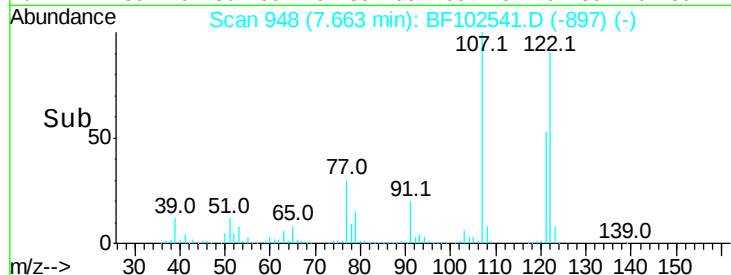
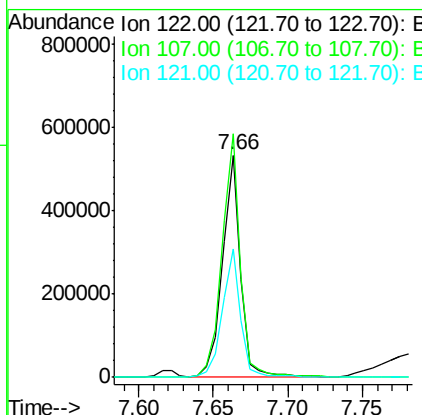
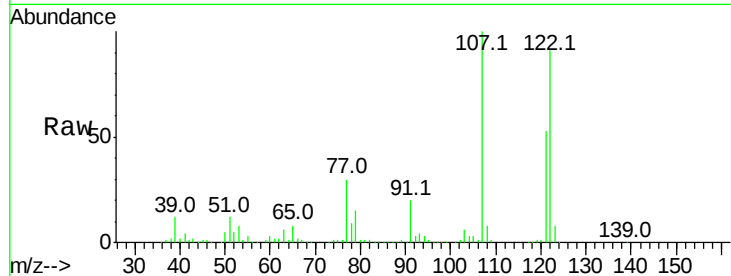




#27
2,4-Dimethylphenol
Concen: 44.407 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

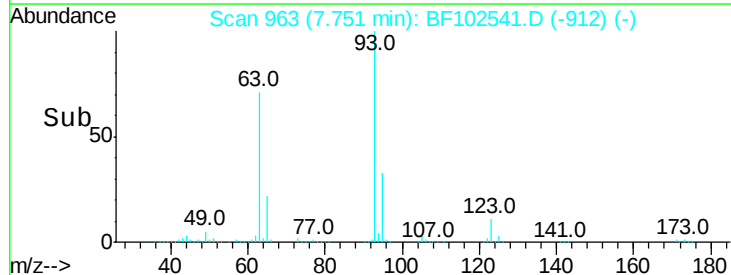
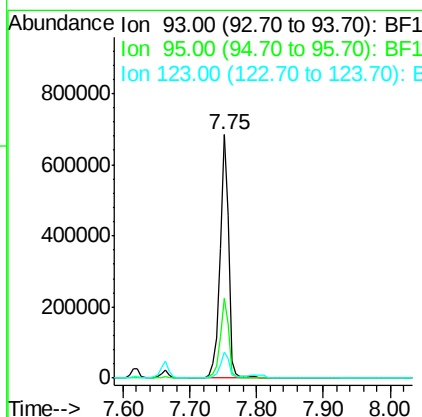
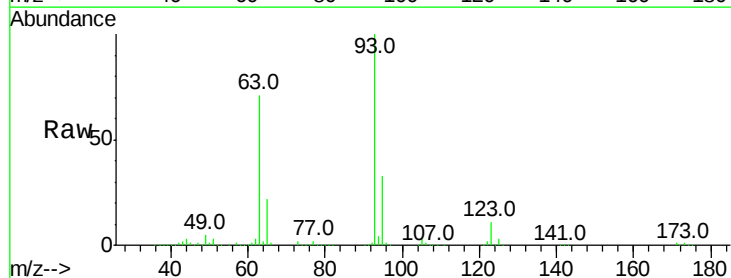
Instrument :
BNA_F
ClientSampleId :

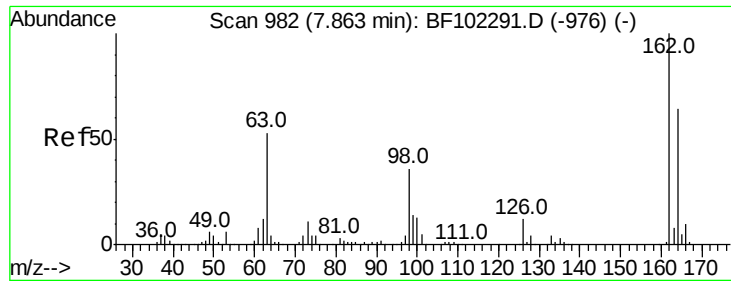
Tot Ion:122 Resp: 460256
Ion Ratio Lower Upper
122 100
107 109.8 91.2 136.8
121 57.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.919 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion: 93 Resp: 626378
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.9 9.8 14.6

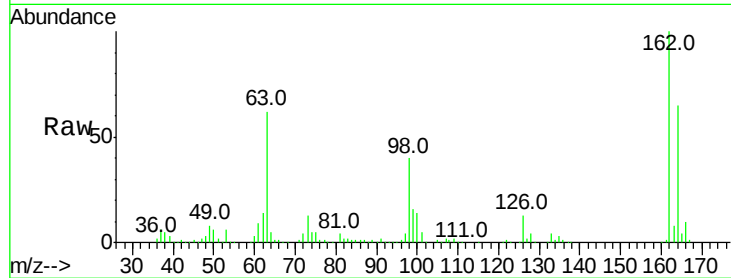




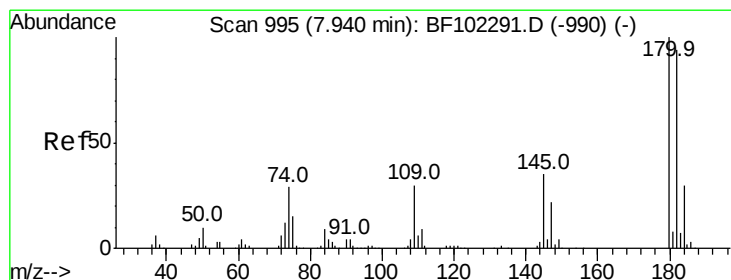
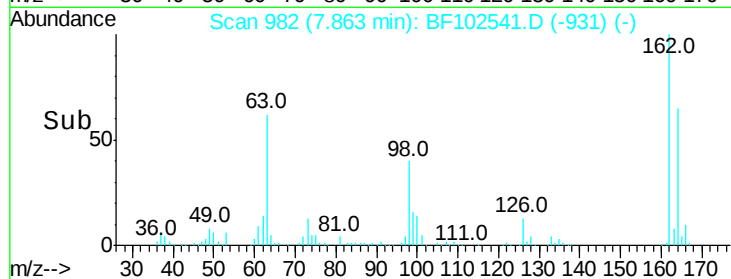
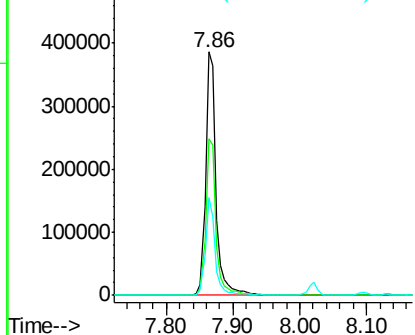
#29
 2,4-Dichlorophenol
 Concen: 39.244 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 414319
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.7 82.7
 98 40.0 18.1 58.1

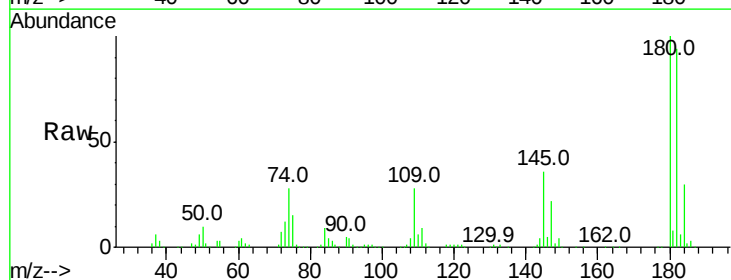


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

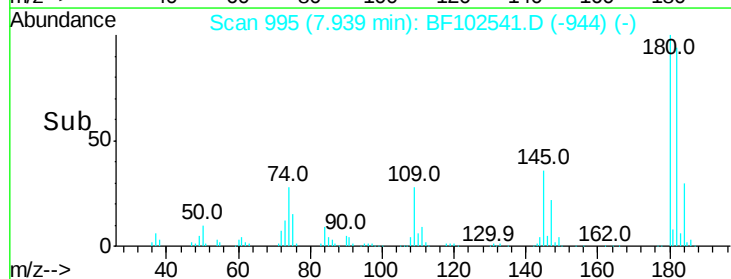
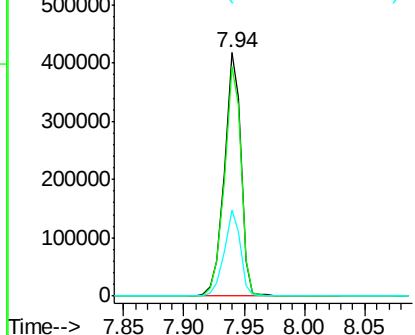


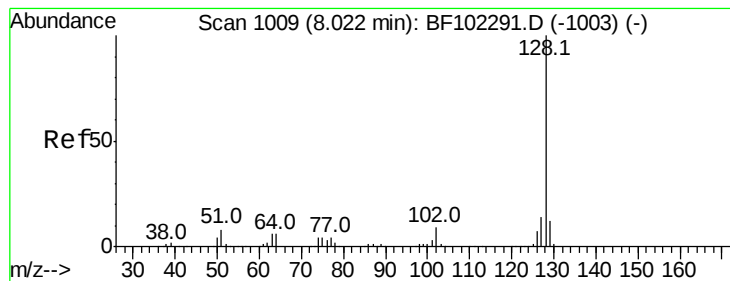
#30
 1,2,4-Trichlorobenzene
 Concen: 35.055 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:180 Resp: 396730
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 35.6 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: 36.554 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

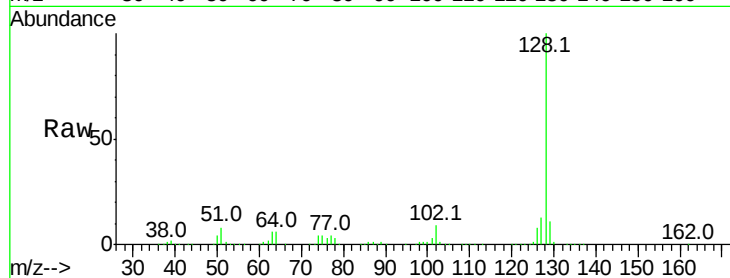
Tot Ion:128 Resp: 1389921

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

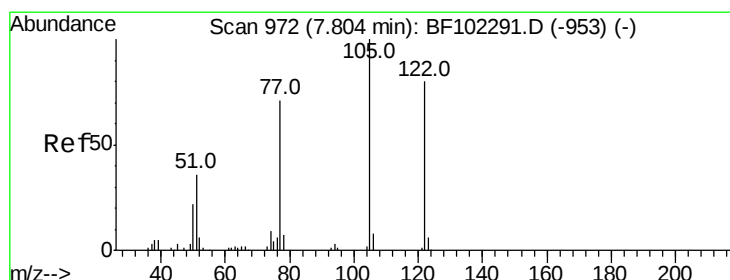
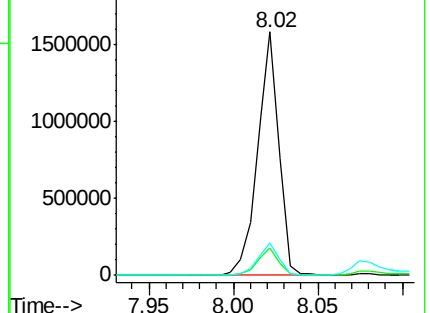
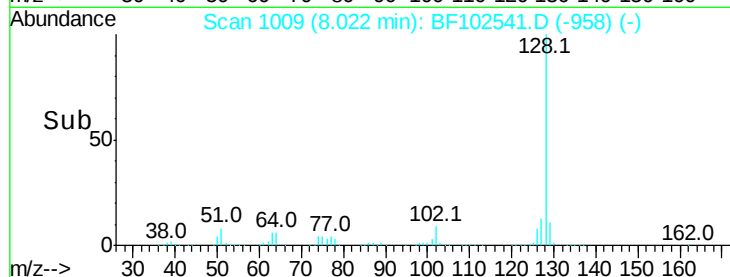
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.829 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

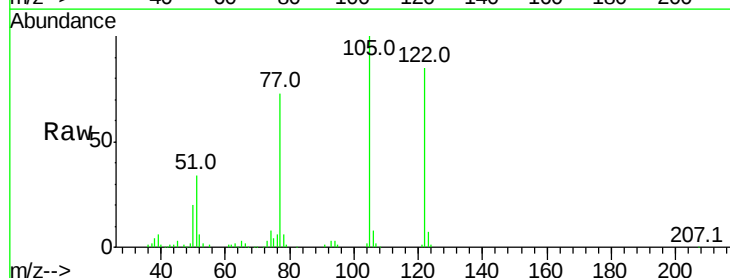
Tgt Ion:122 Resp: 241654

Ion Ratio Lower Upper

122 100

105 117.1 101.1 141.1

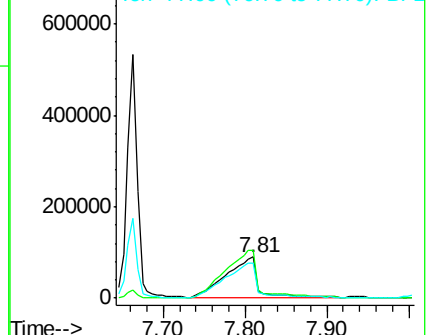
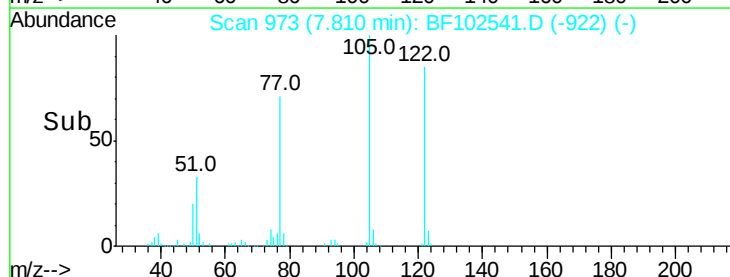
77 85.0 70.7 110.7

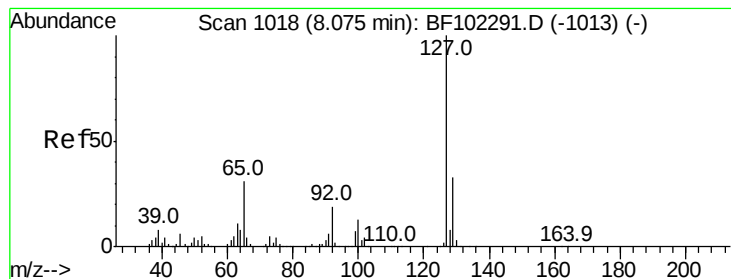


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.060 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 160850

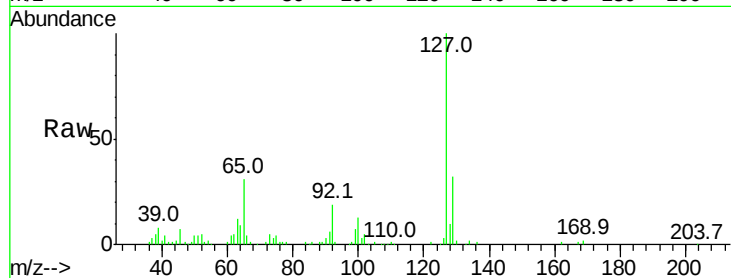
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 30.6 25.0 37.4

92 19.1 15.2 22.8

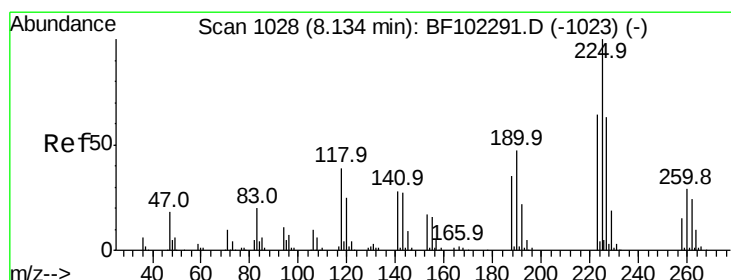
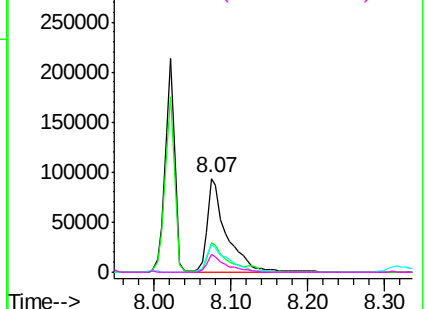
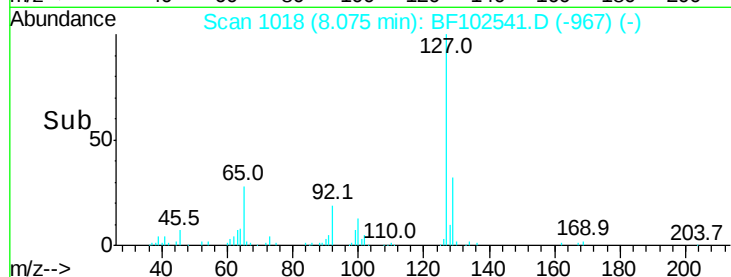


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 34.485 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

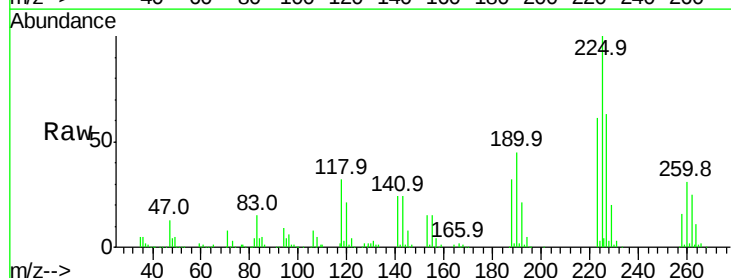
Tgt Ion:225 Resp: 208447

Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

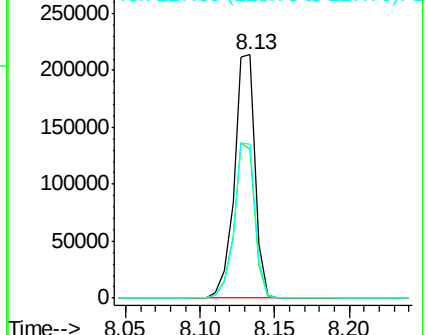
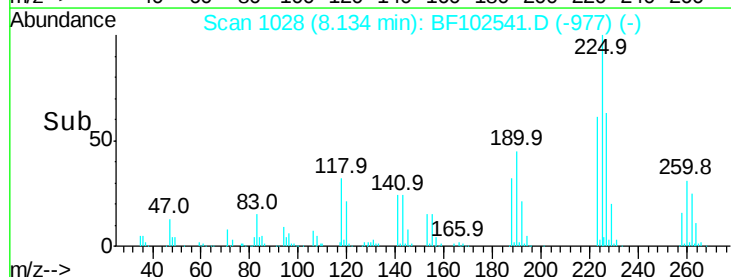
227 63.0 51.9 77.9

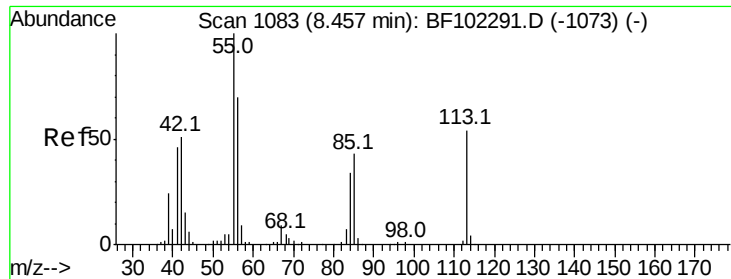


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

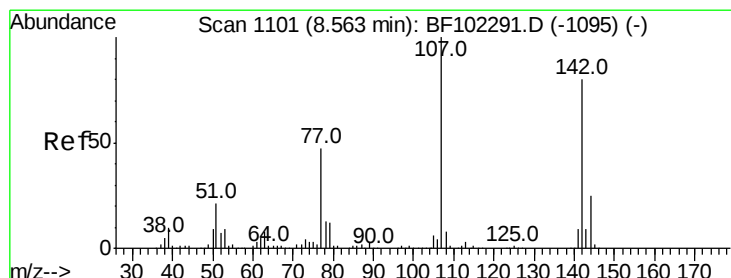
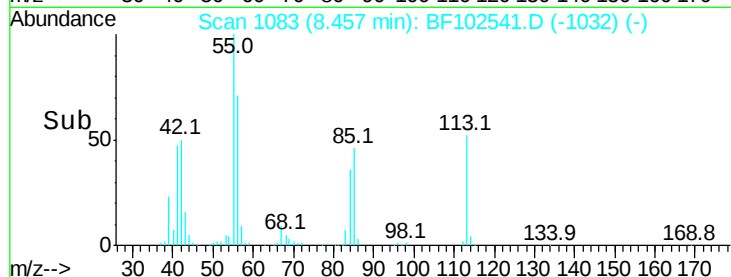
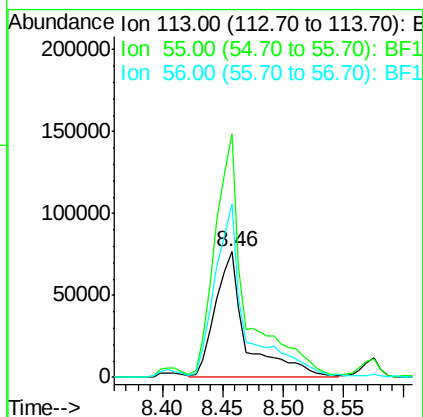
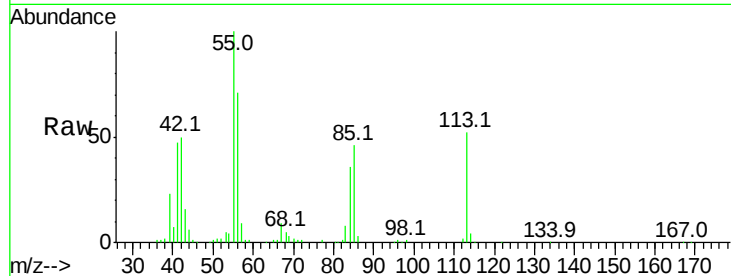




#35
 Caprolactam
 Concen: 39.168 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

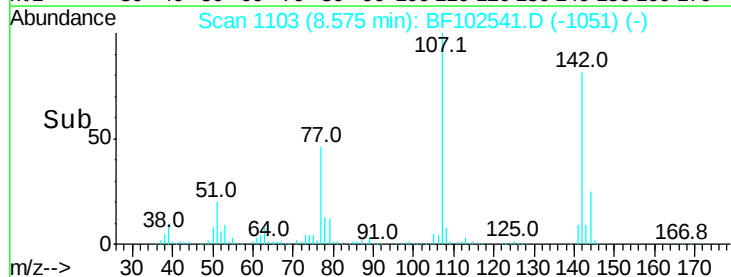
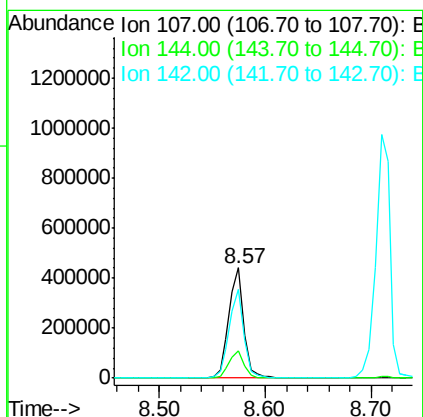
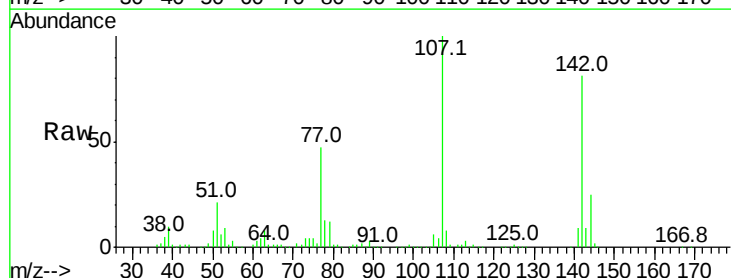
Instrument :
 BNA_F
 ClientSampled :

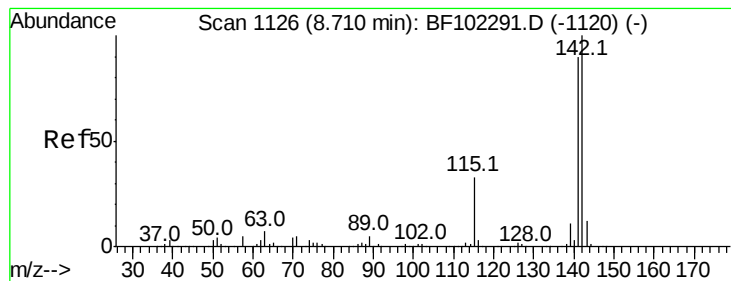
Tot Ion:113 Resp: 136571
 Ion Ratio Lower Upper
 113 100
 55 193.5 163.3 203.3
 56 137.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.073 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:107 Resp: 434821
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 80.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.387 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

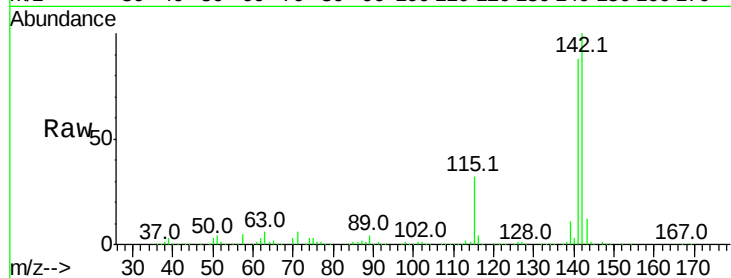
Tot Ion:142 Resp: 921432

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2

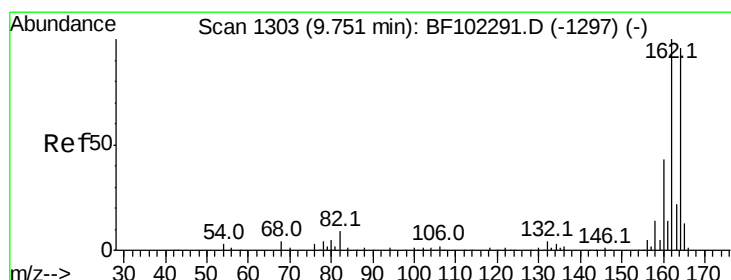
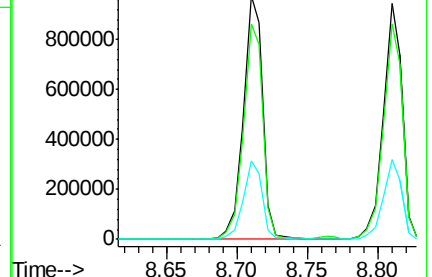
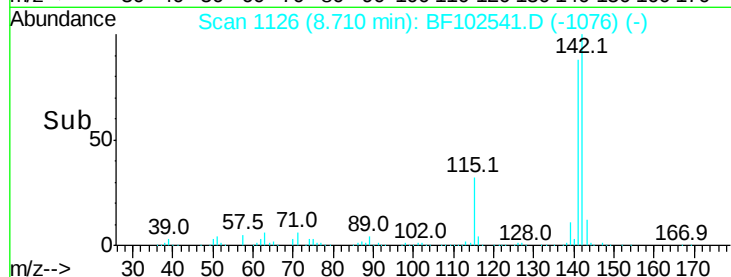
115 32.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

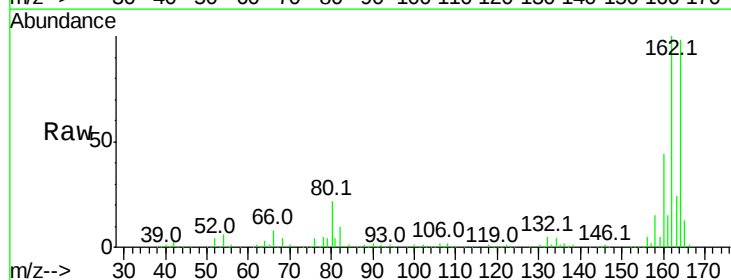
Tgt Ion:164 Resp: 314718

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

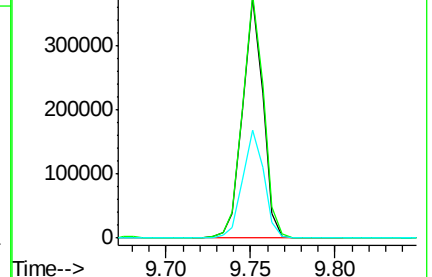
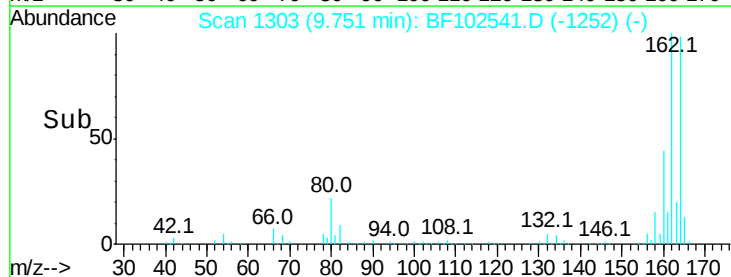
160 45.0 38.3 57.5

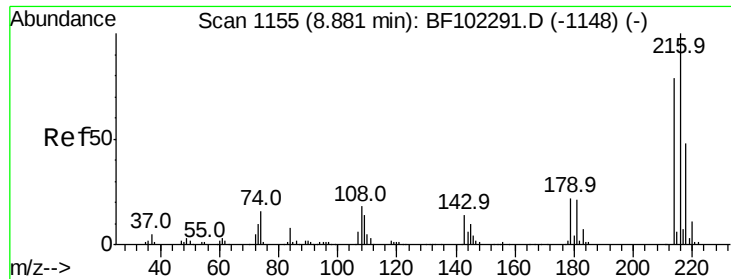


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

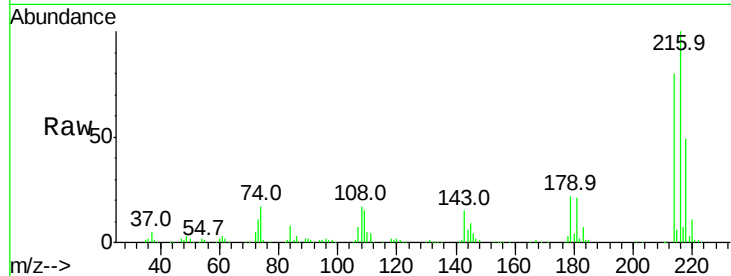




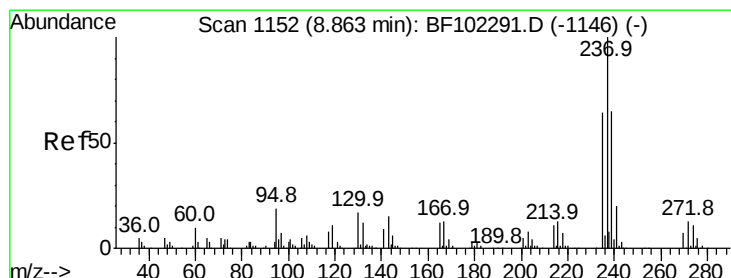
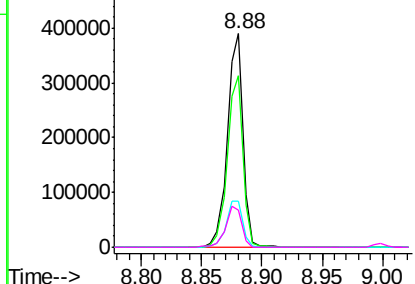
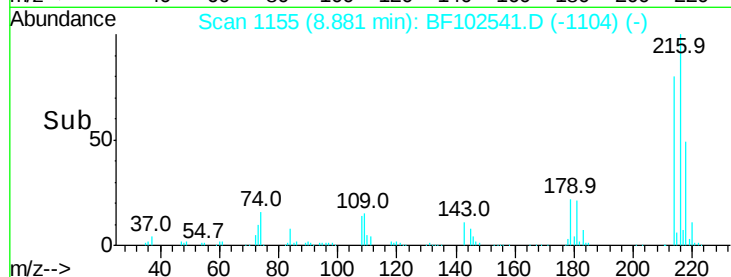
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.015 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	350476
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	22.9	18.1	27.1
108	20.2	17.2	25.8

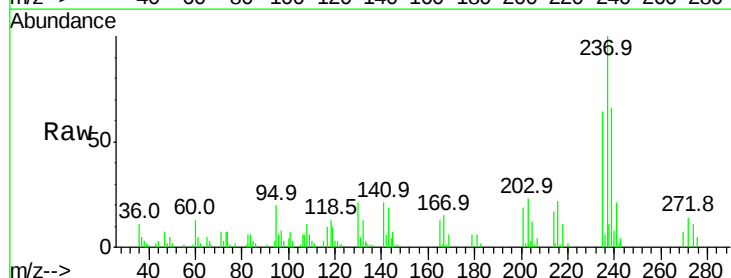


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

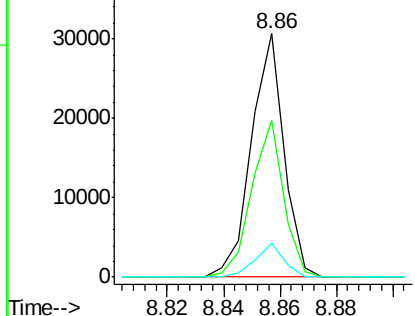
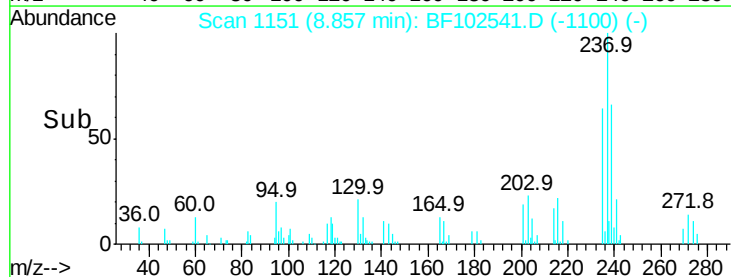


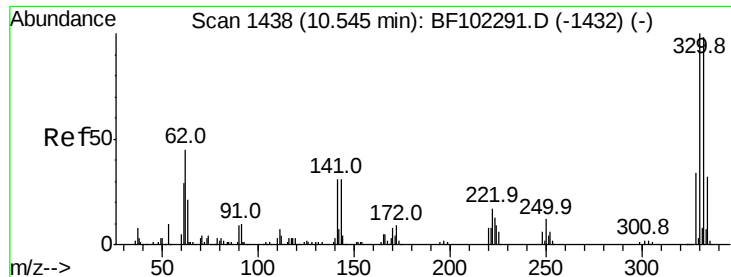
#40
 Hexachlorocyclopentadiene
 Concen: 5.796 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:	237	Resp:	24560
Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.8	0.0	33.3



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

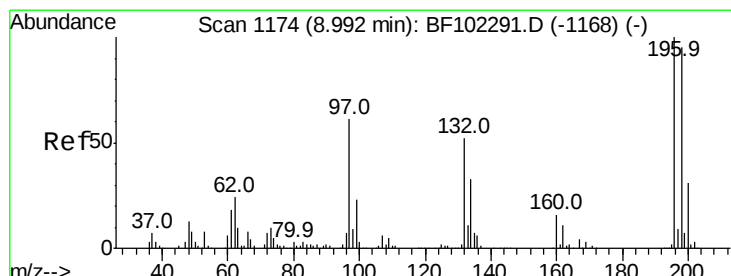
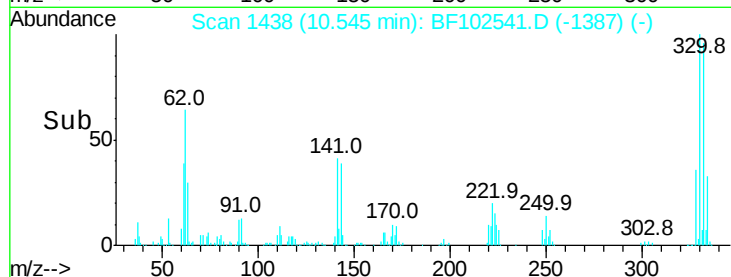
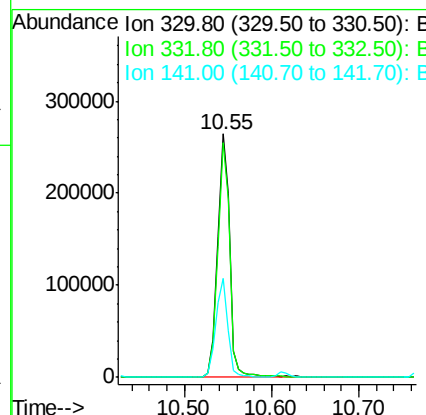
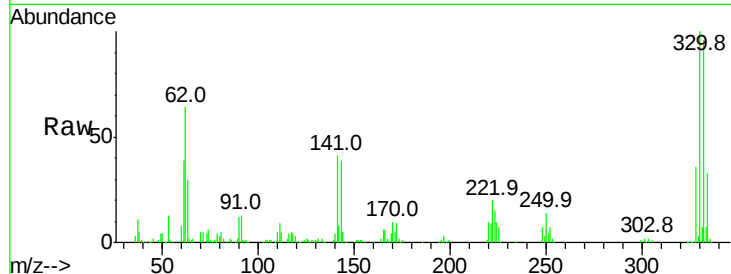




#41
 2,4,6-Tribromophenol
 Concen: 82.542 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

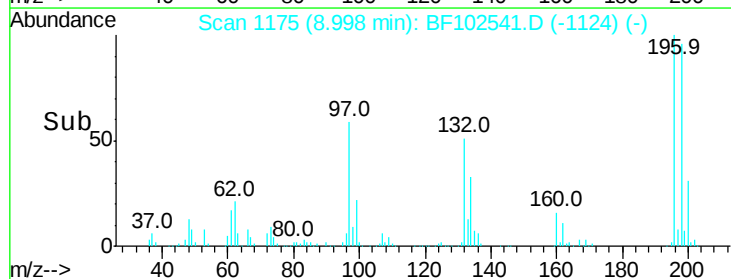
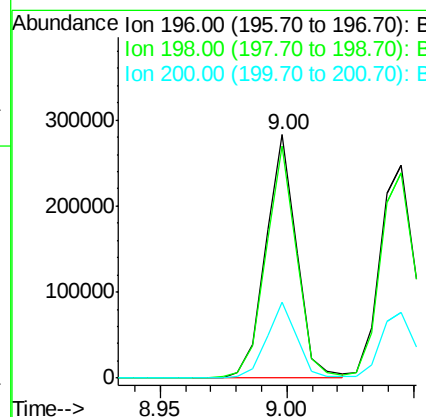
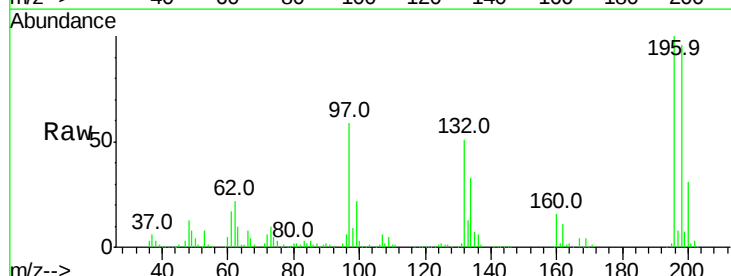
Instrument :
 BNA_F
 ClientSampleId :

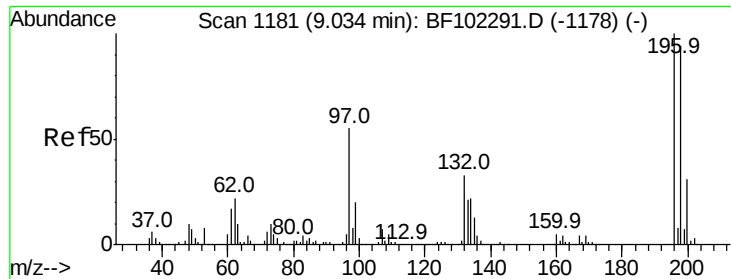
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	40.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.014 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	31.0	24.5	36.7

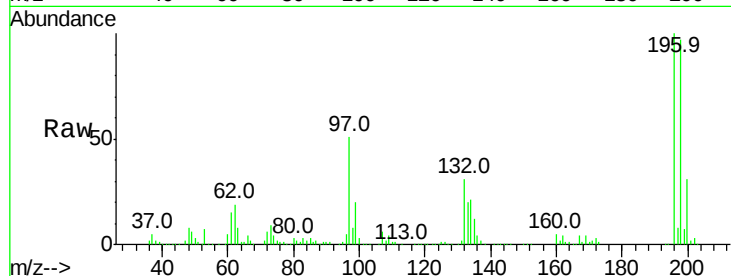




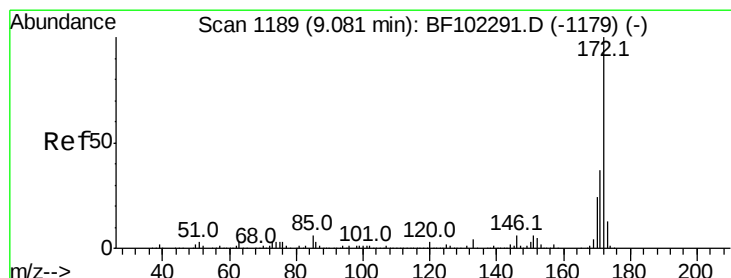
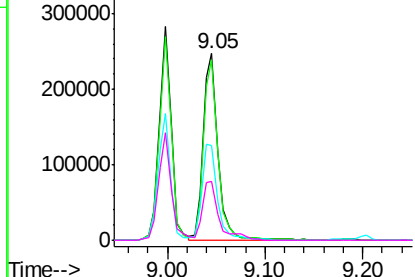
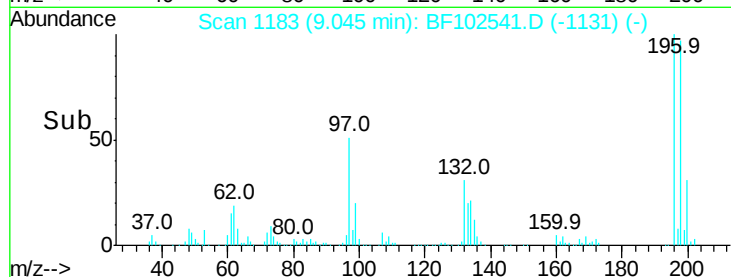
#43
 2,4,5-Trichlorophenol
 Concen: 36.048 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 257263
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.6 112.0
 97 51.1 42.9 64.3
 132 31.5 26.3 39.5

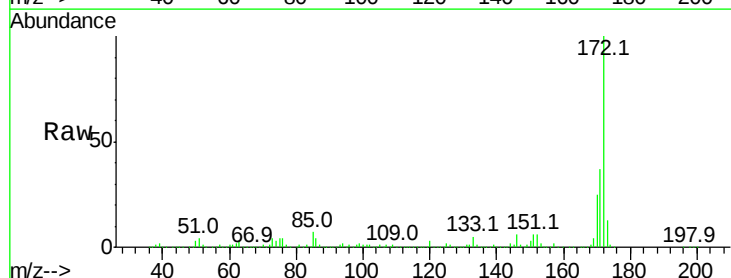


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

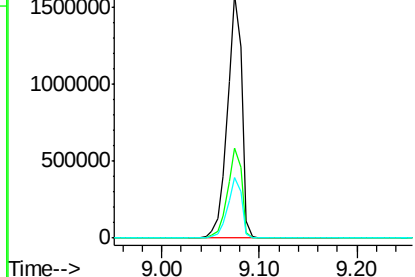
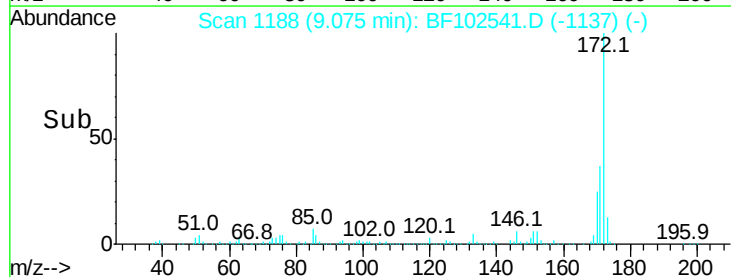


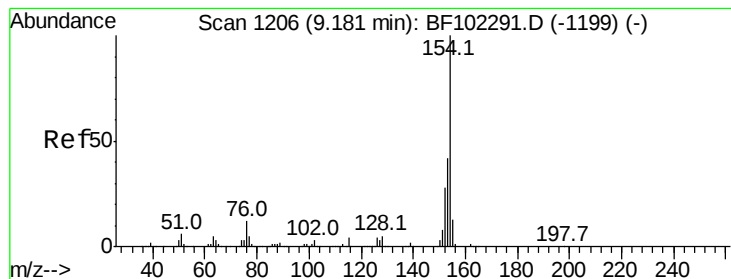
#44
 2-Fluorobiphenyl
 Concen: 75.605 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:172 Resp: 1618271
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.7 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: 36.491 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

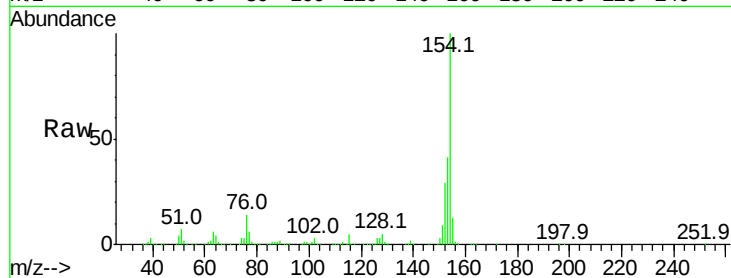
Tot Ion:154 Resp: 1026898

Ion Ratio Lower Upper

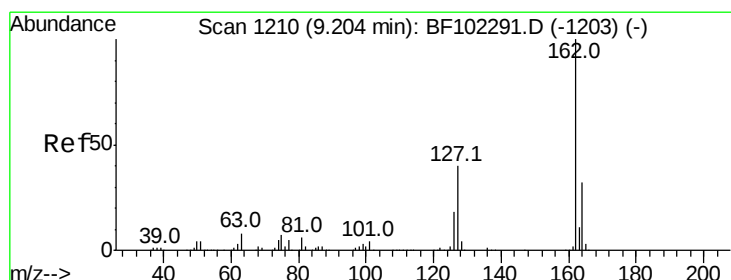
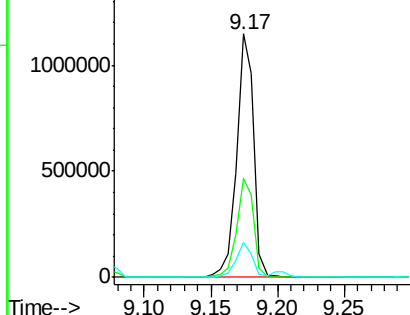
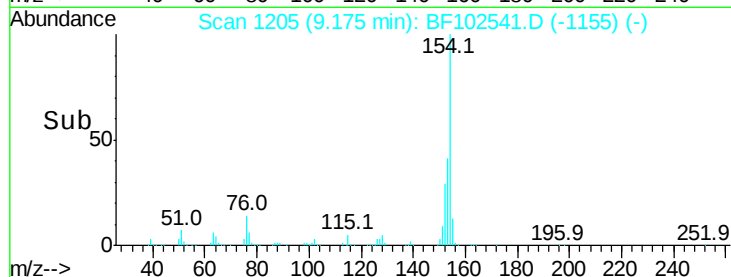
154 100

153 40.8 21.3 61.3

76 14.2 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: 36.122 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

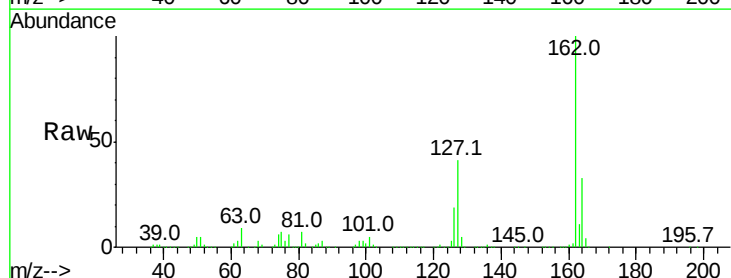
Tgt Ion:162 Resp: 790113

Ion Ratio Lower Upper

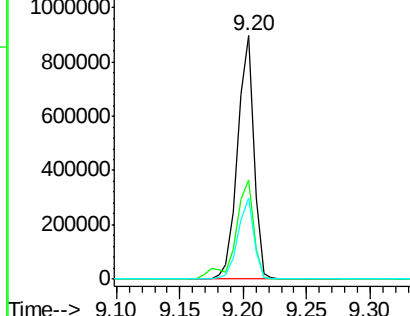
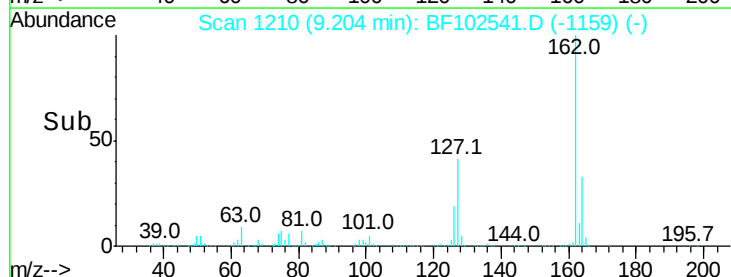
162 100

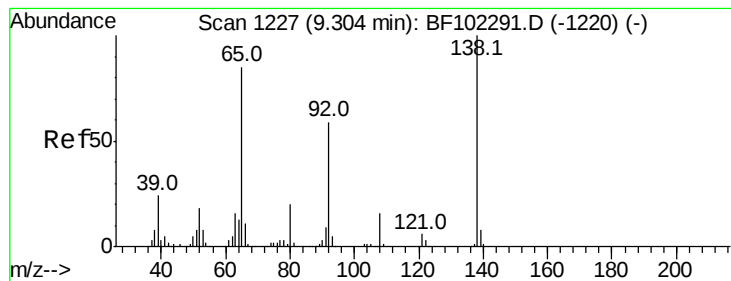
127 40.5 33.9 50.9

164 33.3 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: 41.480 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampled :

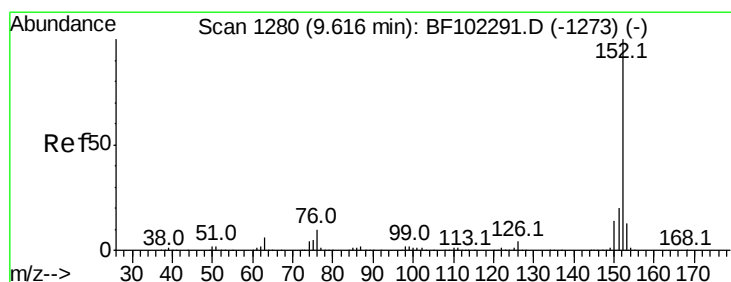
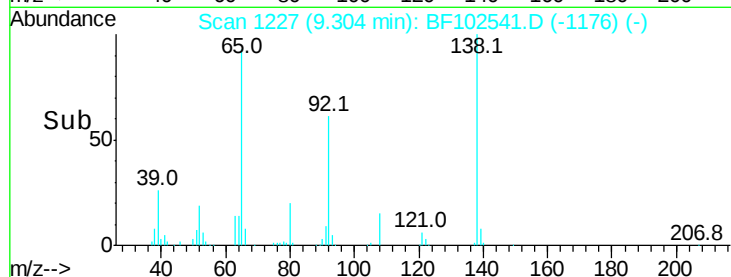
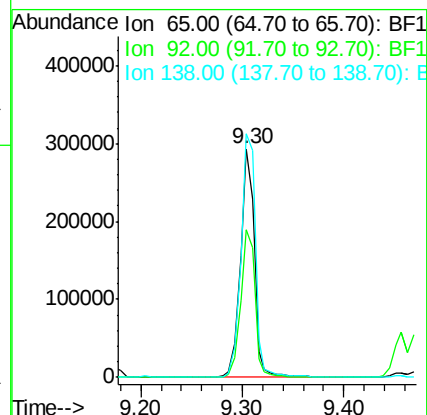
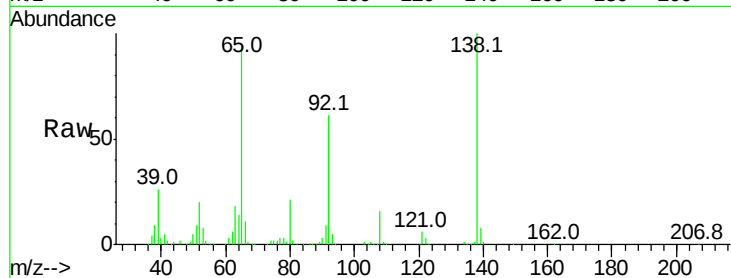
Tot Ion: 65 Resp: 282868

Ion Ratio Lower Upper

65 100

92 64.6 55.8 83.6

138 106.5 91.2 136.8



#48

Acenaphthylene

Concen: 34.467 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

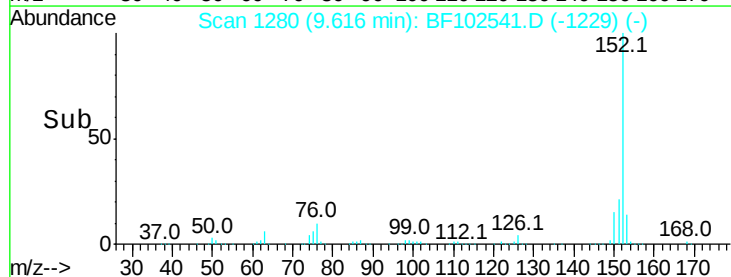
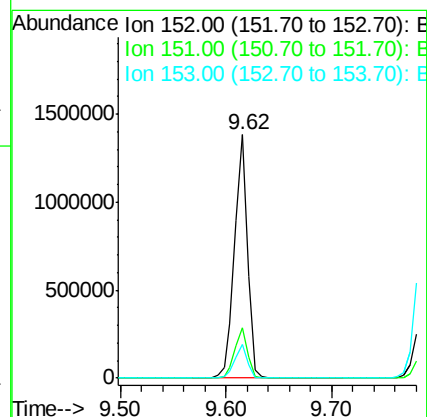
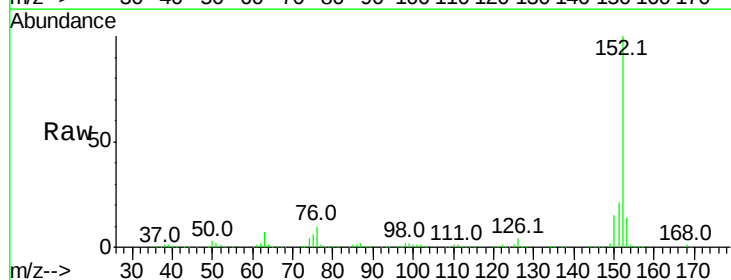
Tgt Ion: 152 Resp: 1174546

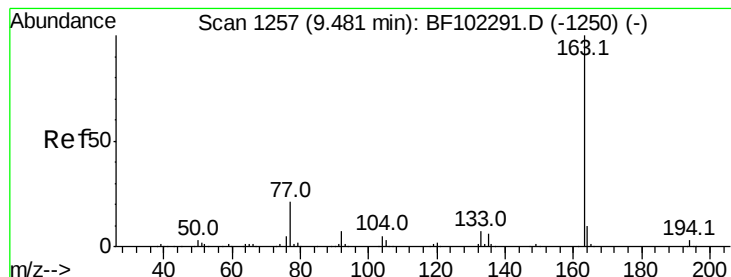
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 37.892 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

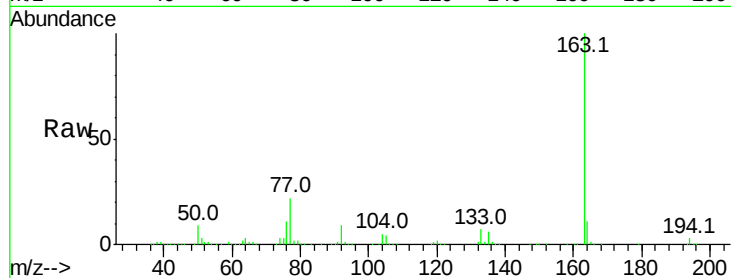
Tot Ion:163 Resp: 985692

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

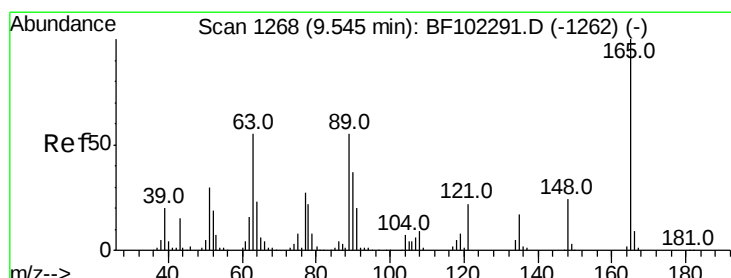
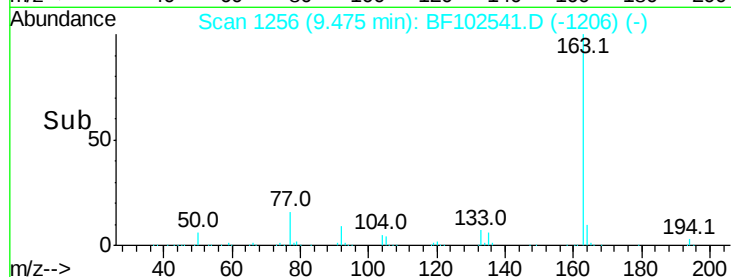
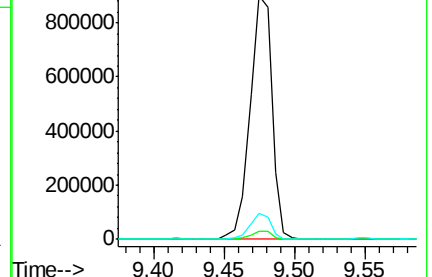
164 10.6 8.2 12.2



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: 35.880 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

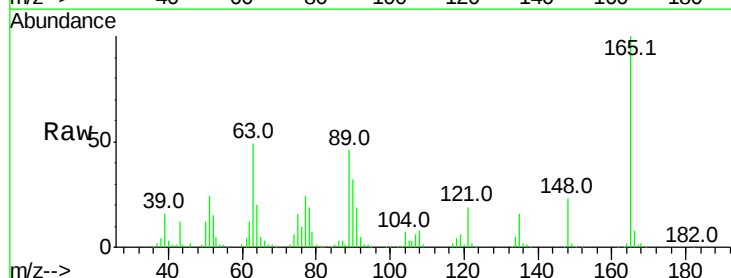
Tgt Ion:165 Resp: 201232

Ion Ratio Lower Upper

165 100

63 48.5 44.7 67.1

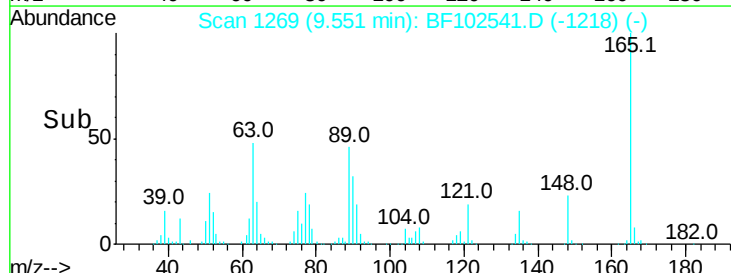
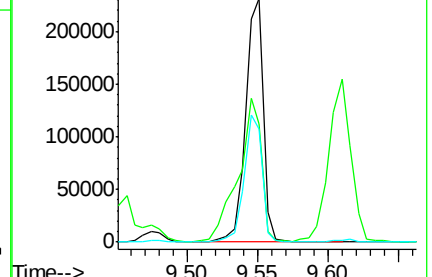
89 46.5 44.0 66.0

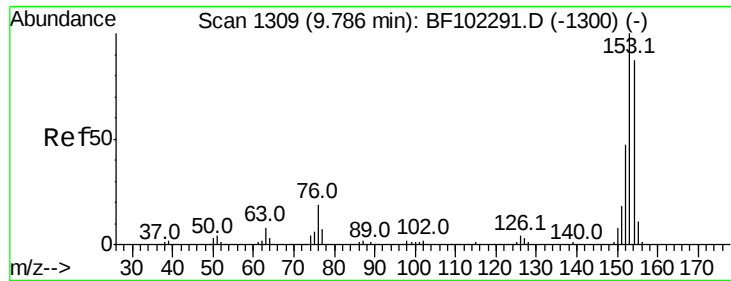


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.530 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

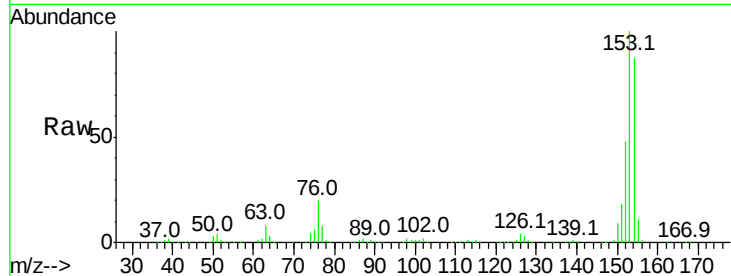
Tot Ion:154 Resp: 687219

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

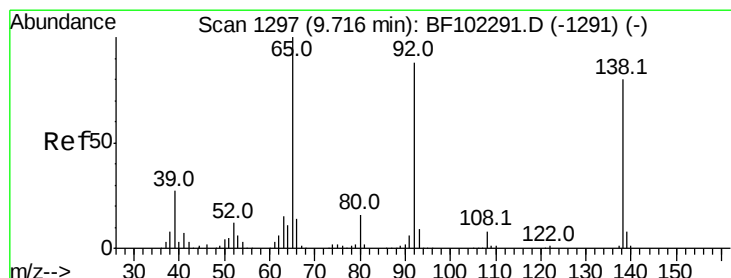
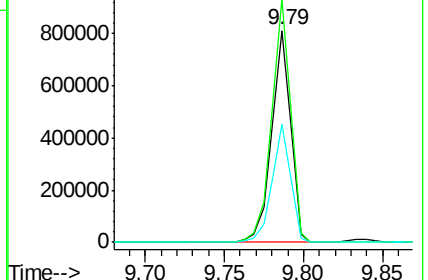
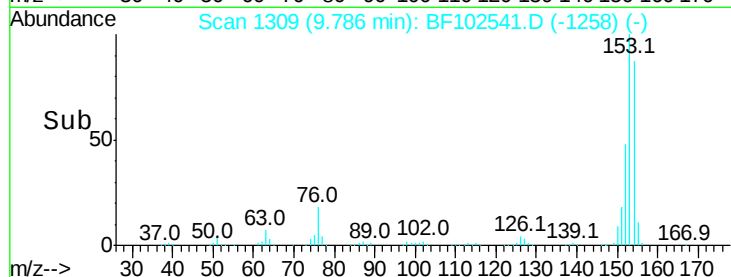
152 55.5 43.8 65.8



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: 23.370 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

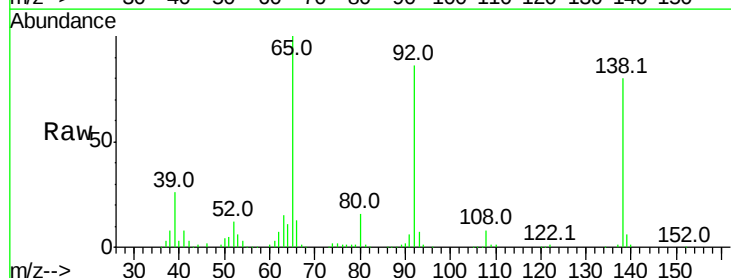
Tgt Ion:138 Resp: 155056

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

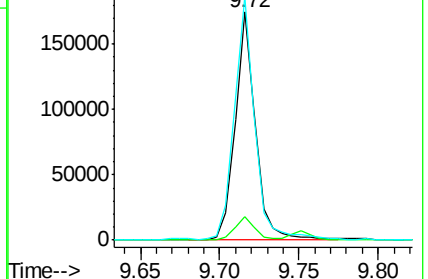
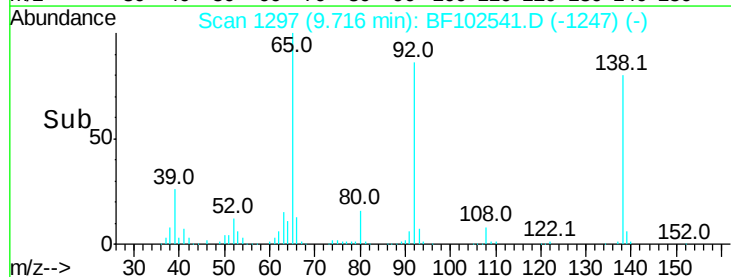
92 106.9 89.4 134.2

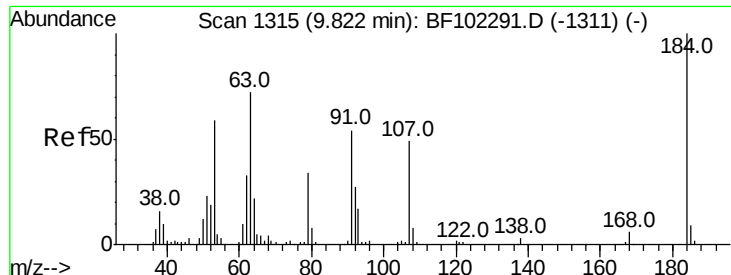


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

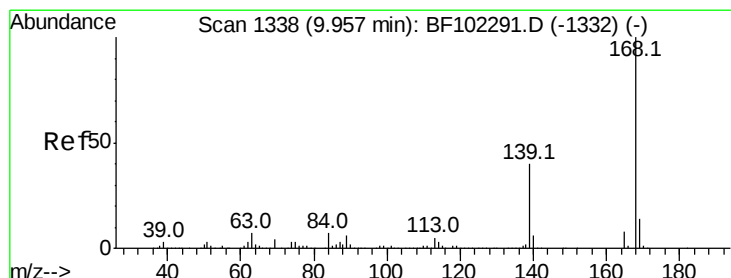
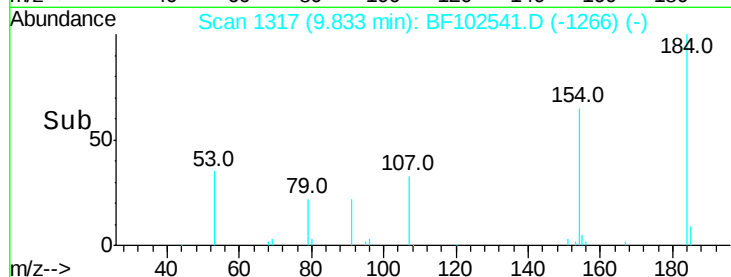
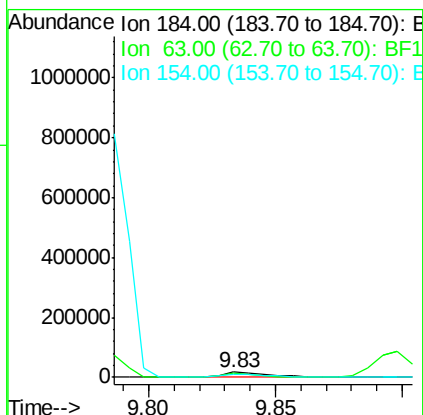
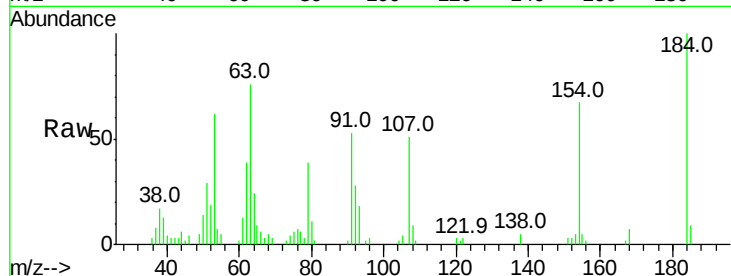




#53
 2,4-Dinitrophenol
 Concen: 12.125 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

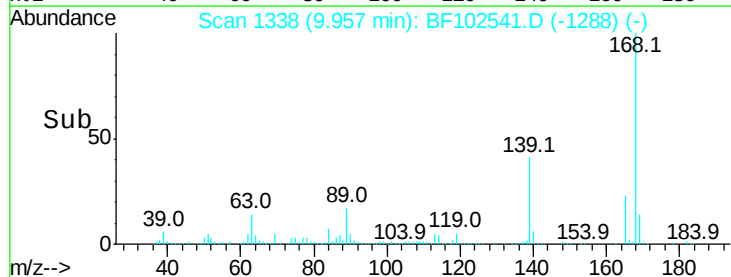
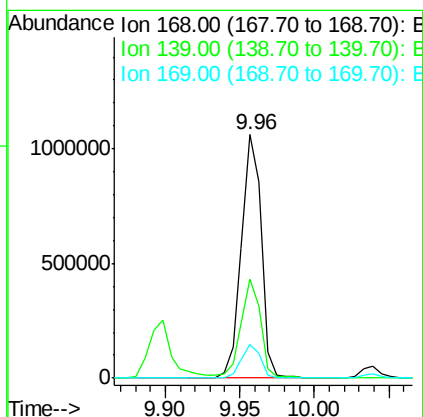
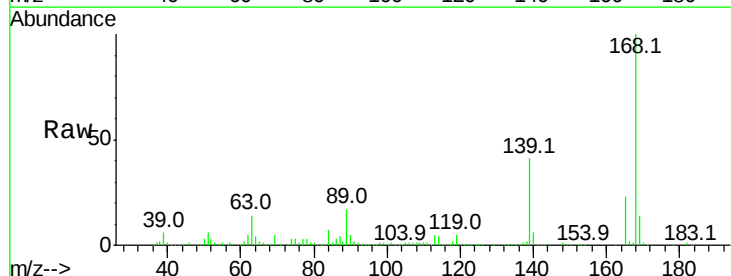
Instrument :
 BNA_F
 ClientSampled :

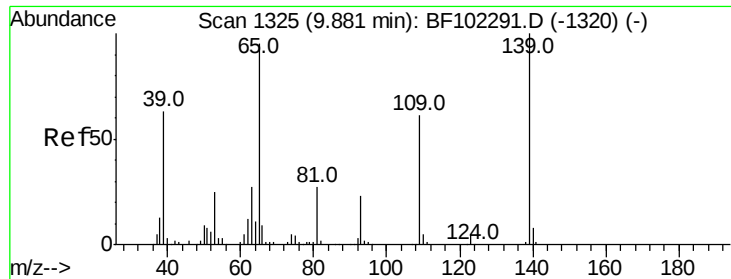
Tot Ion:184 Resp: 22238
 Ion Ratio Lower Upper
 184 100
 63 76.2 54.2 81.2
 154 66.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.706 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:168 Resp: 988677
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.1 45.1
 169 13.8 10.9 16.3

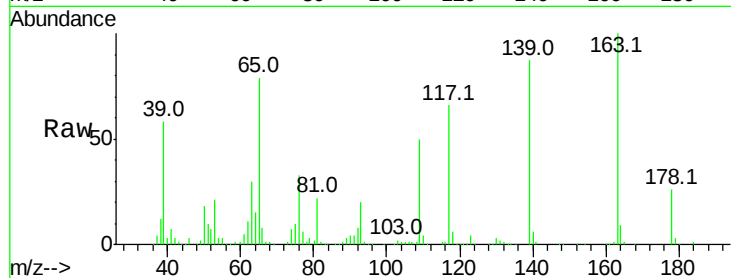




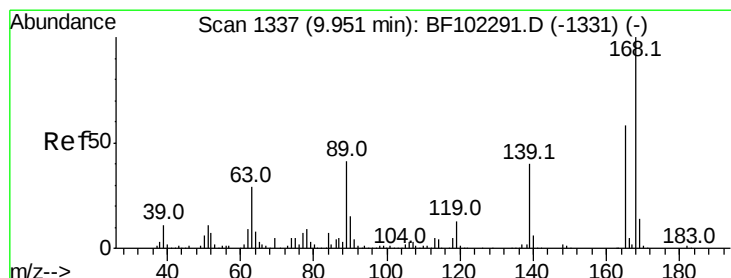
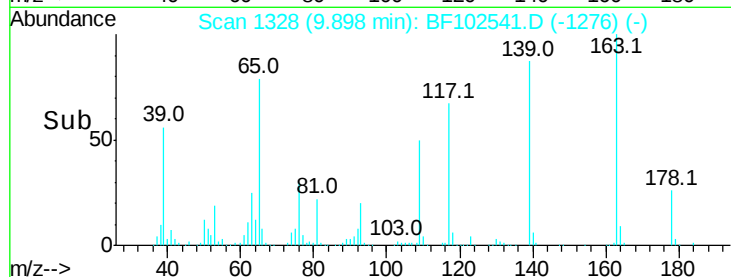
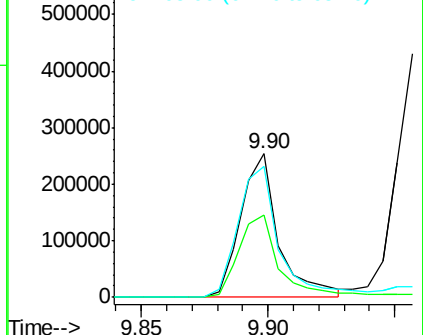
#55
4-Nitrophenol
Concen: 60.177 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 263551
Ion Ratio Lower Upper
139 100
109 57.7 48.4 88.4
65 91.0 72.6 112.6



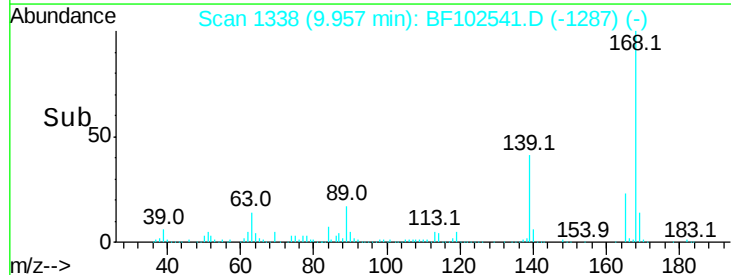
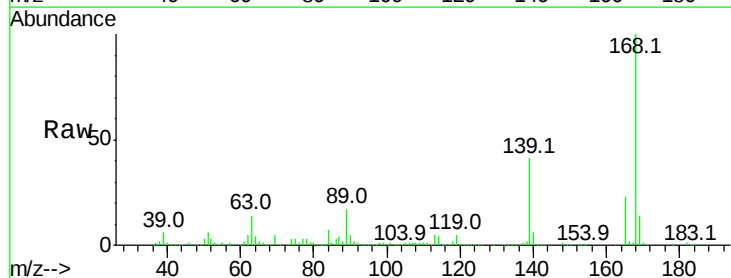
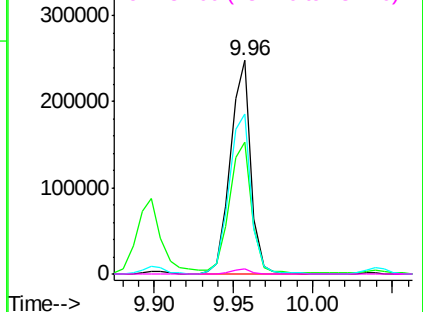
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

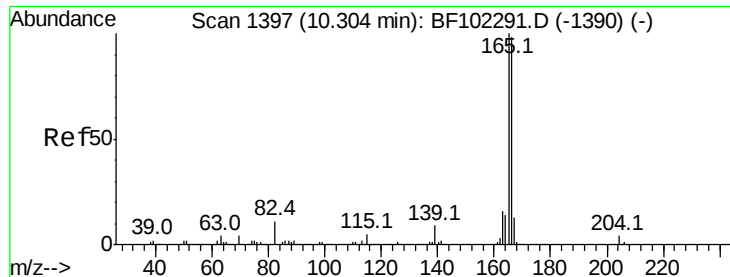


#56
2,4-Dinitrotoluene
Concen: 32.223 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion:165 Resp: 222240
Ion Ratio Lower Upper
165 100
63 61.5 36.4 54.6#
89 74.8 57.8 86.6
182 2.2 1.6 2.4

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

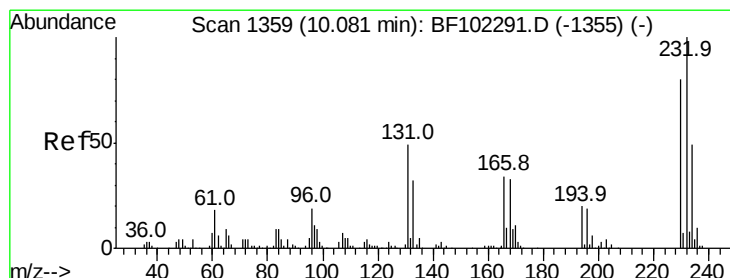
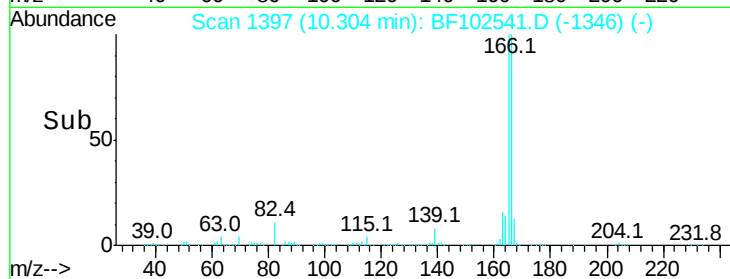
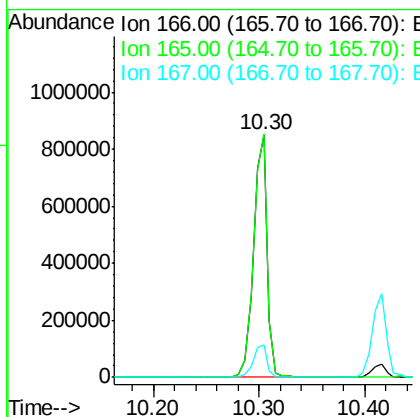
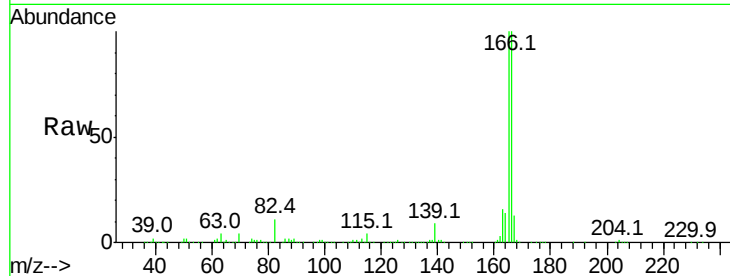




#57
 Fluorene
 Concen: 35.978 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

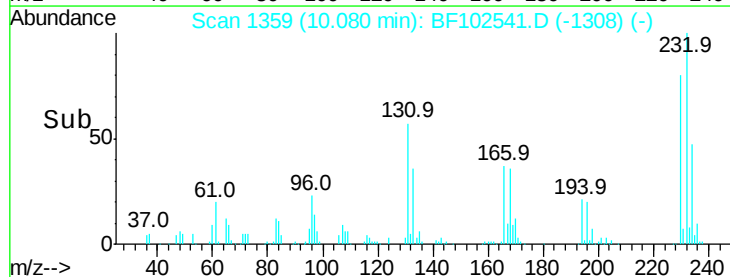
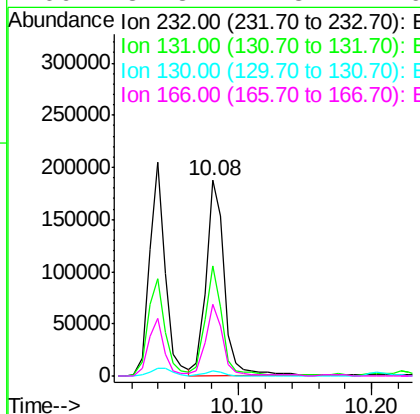
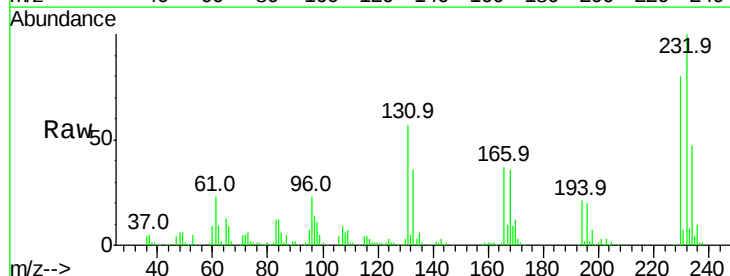
Instrument :
 BNA_F
 ClientSampleId :

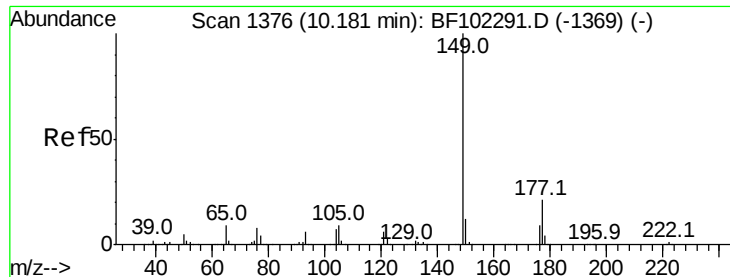
Tot Ion:166 Resp: 767894
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.081 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:232 Resp: 178757
 Ion Ratio Lower Upper
 232 100
 131 51.7 43.8 65.8
 130 2.7 2.1 3.1
 166 34.3 27.8 41.6





#59

Diethylphthalate

Concen: 36.767 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

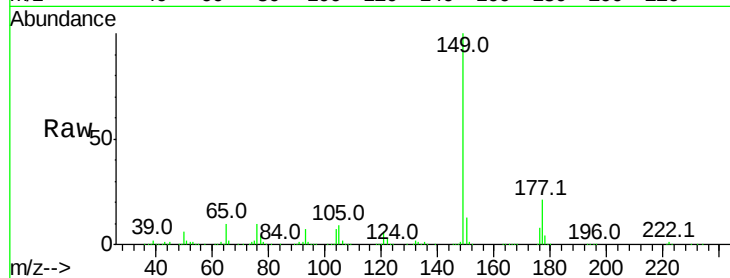
Tot Ion:149 Resp: 929432

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

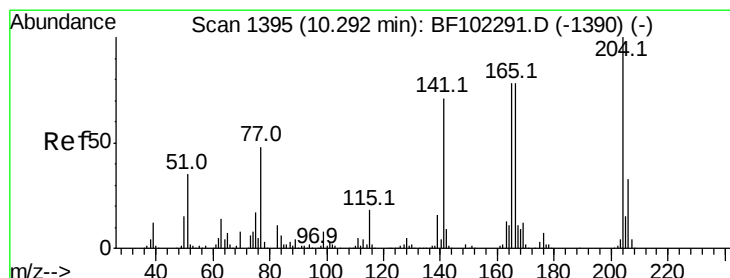
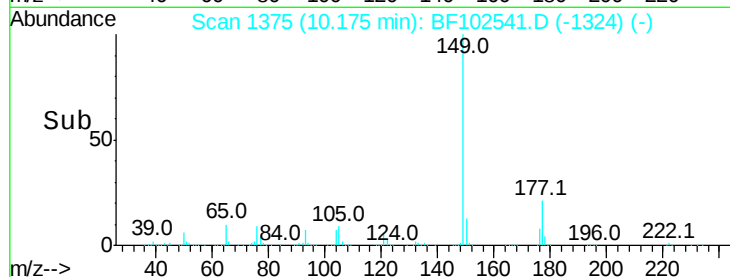
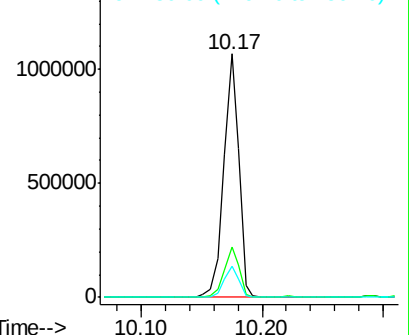
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.440 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

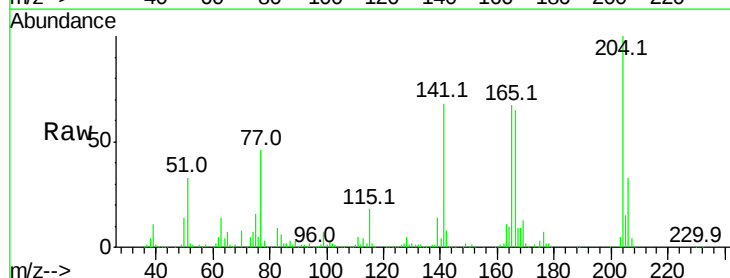
Tgt Ion:204 Resp: 346457

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

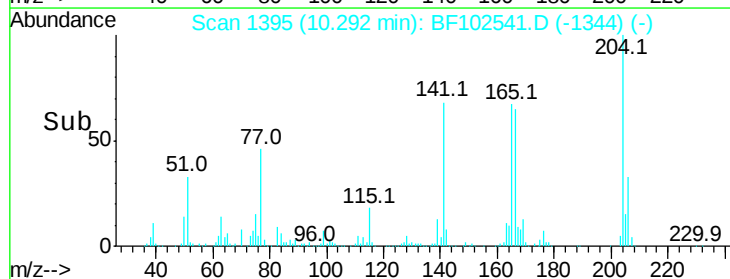
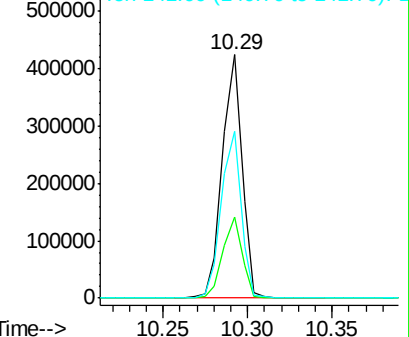
141 68.4 54.6 81.8

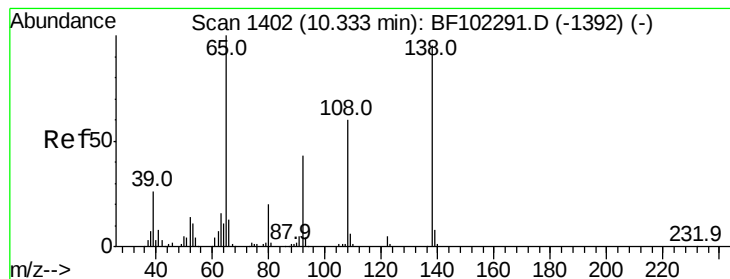


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.191 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

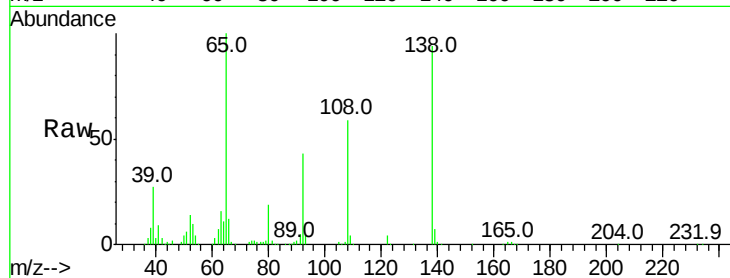
Tot Ion:138 Resp: 206501

Ion Ratio Lower Upper

138 100

92 45.3 30.2 70.2

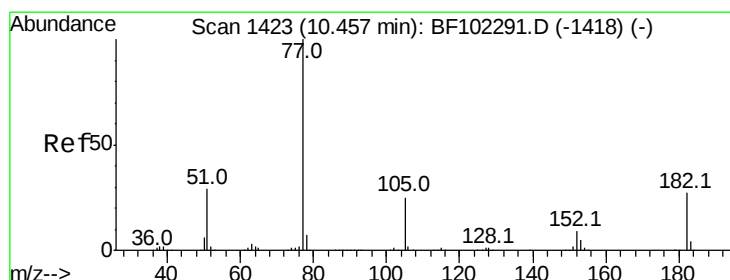
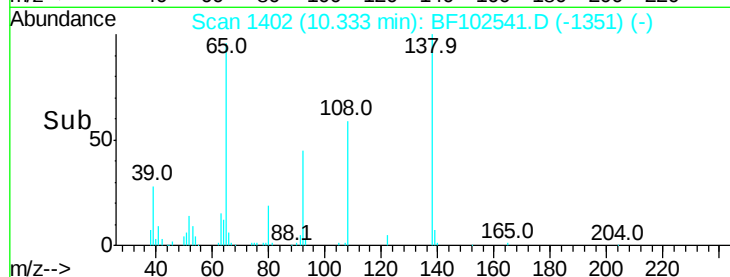
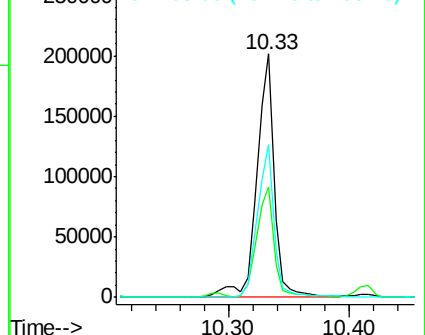
108 62.5 52.5 92.5



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: 37.072 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion: 77 Resp: 858010

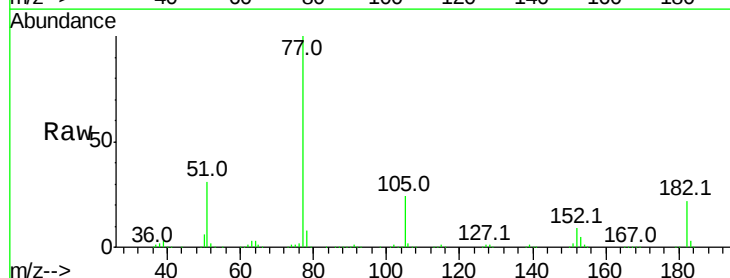
Ion Ratio Lower Upper

77 100

182 22.1 1.7 41.7

105 24.2 3.0 43.0

51 30.8 9.9 49.9

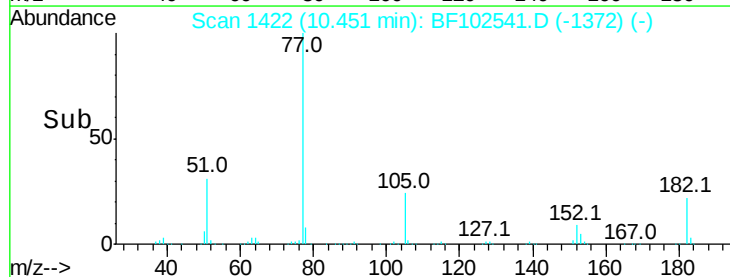
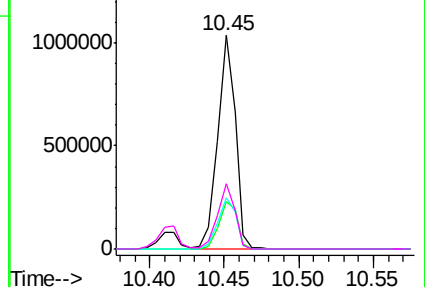


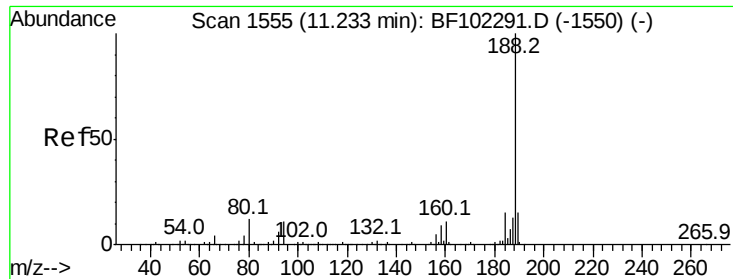
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

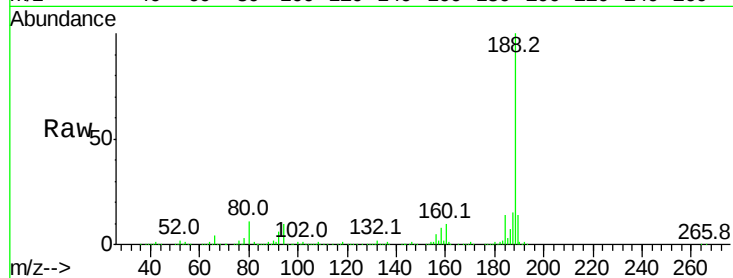




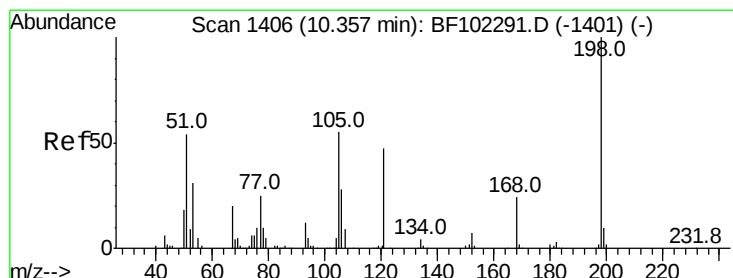
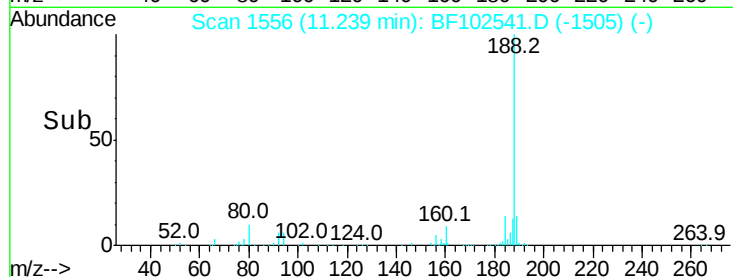
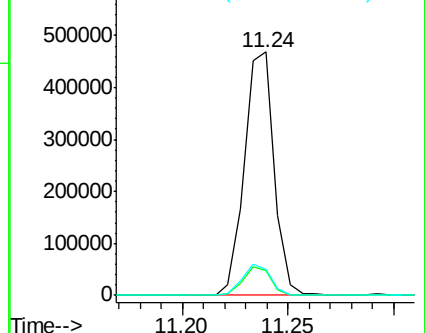
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 455856
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.7 9.2 13.8

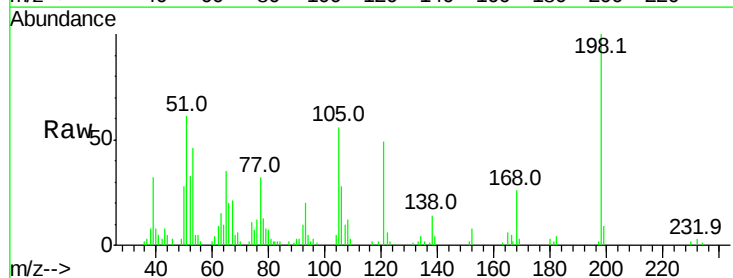


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

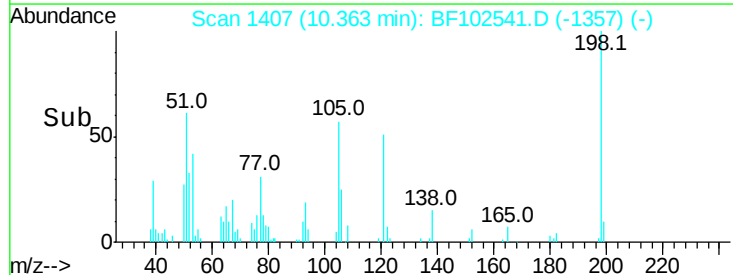
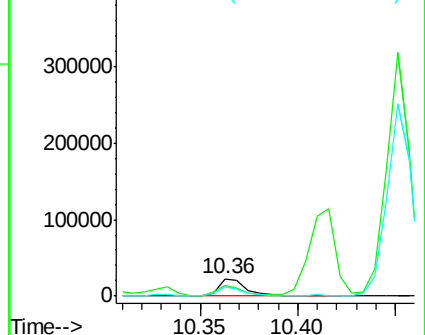


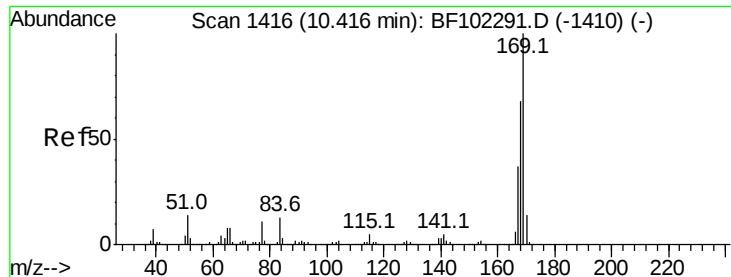
#64
4,6-Dinitro-2-methylphenol
Concen: 7.255 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion:198 Resp: 22065
Ion Ratio Lower Upper
198 100
51 61.4 37.7 77.7
105 55.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 42.954 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

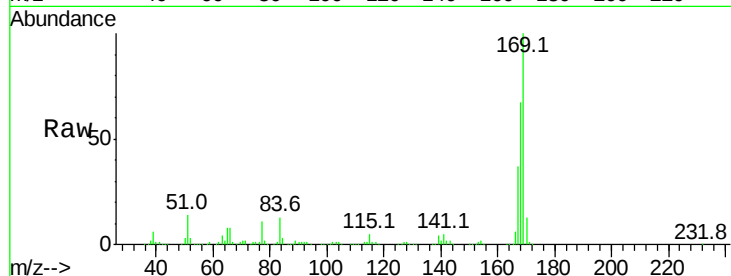
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 718687

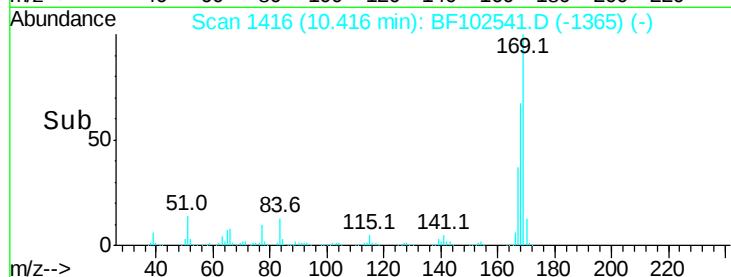
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	37.3	29.8	44.6



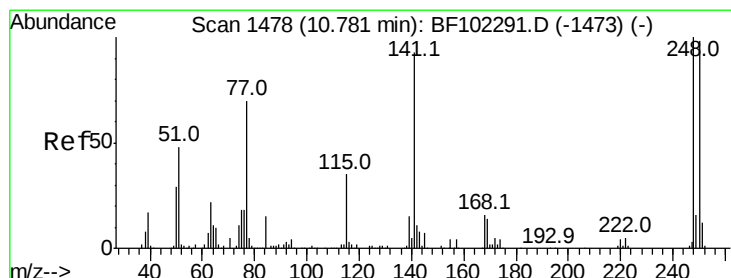
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 41.858 ng

RT: 10.78 min Scan# 1478

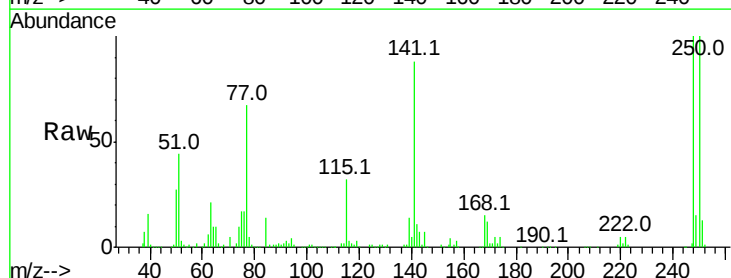
Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion:248 Resp: 205407

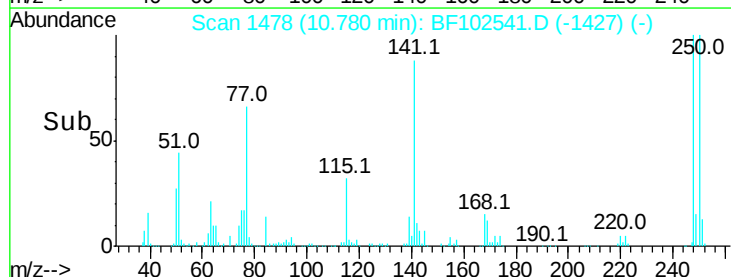
Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.9	115.3
141	88.4	74.4	111.6



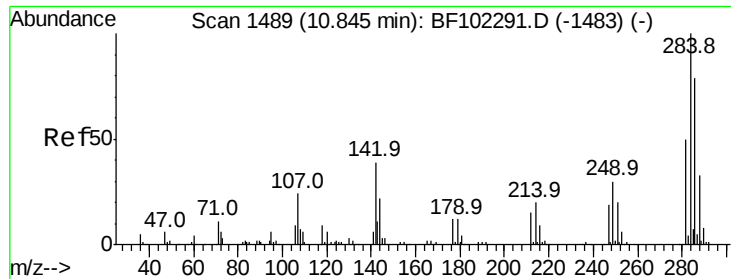
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



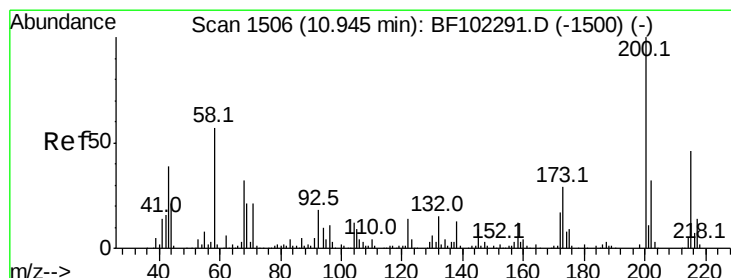
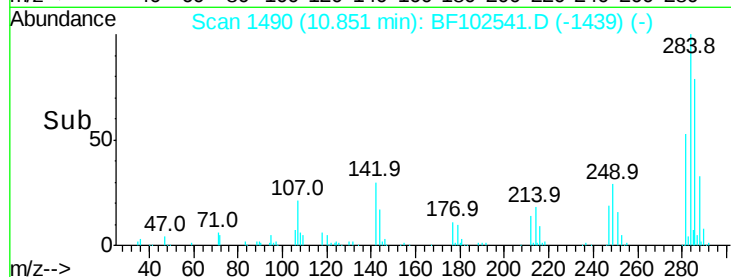
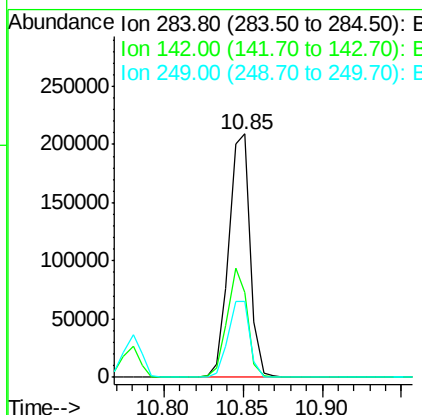
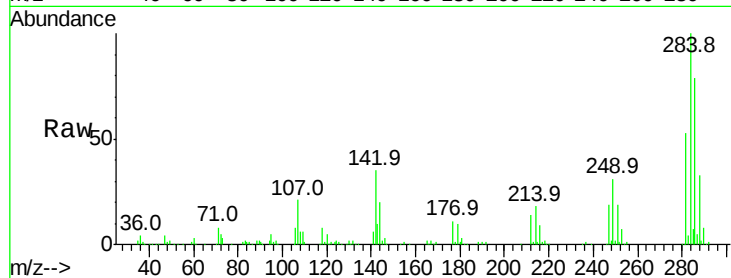
Time-->



#67
Hexachlorobenzene
Concen: 35.568 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

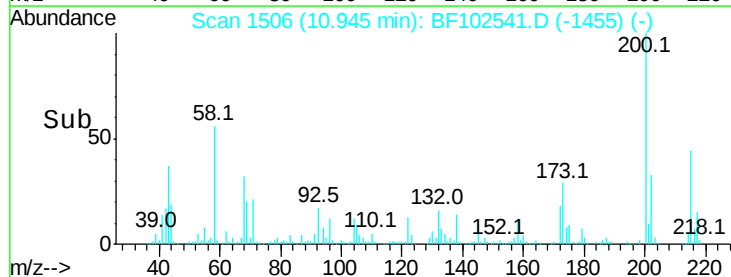
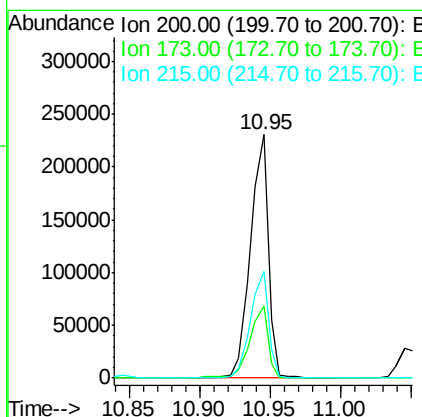
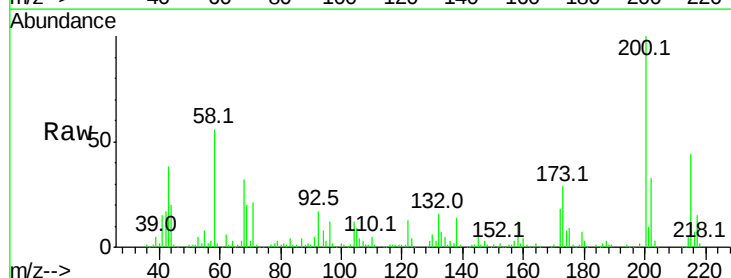
Instrument :
BNA_F
ClientSampled :

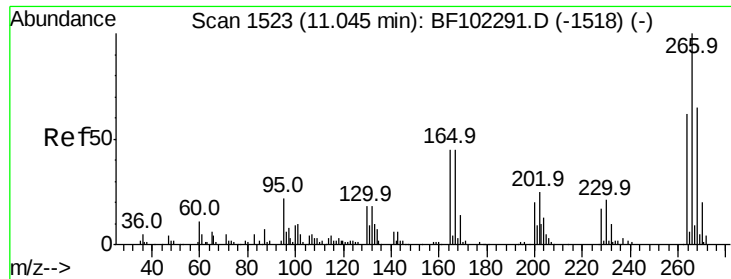
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.7	34.6	52.0
249	31.2	24.8	37.2



#68
Atrazine
Concen: 41.931 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	44.0	25.1	65.1

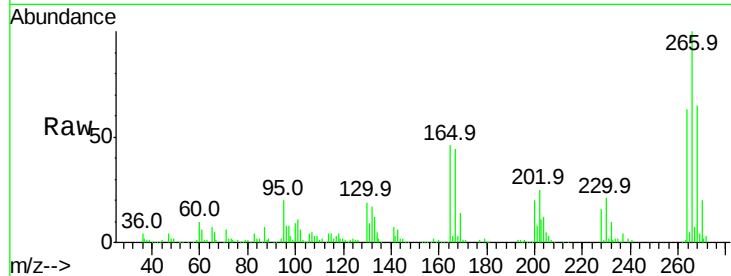




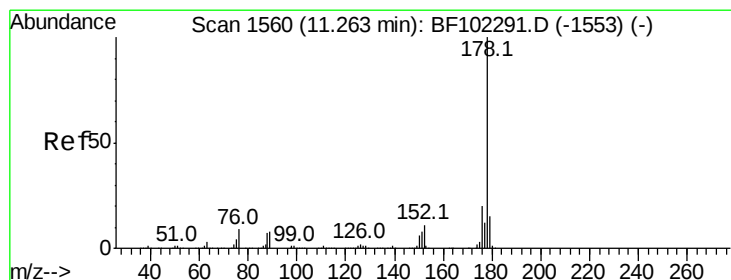
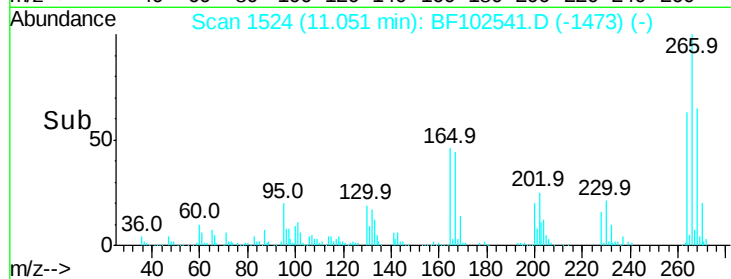
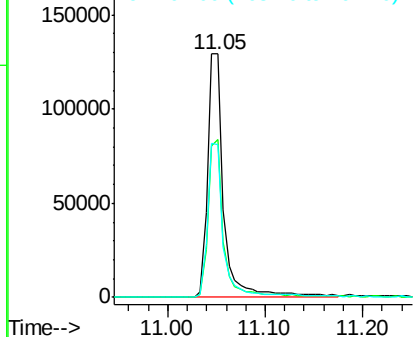
#69
 Pentachlorophenol
 Concen: 52.101 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	62.6	49.5	74.3

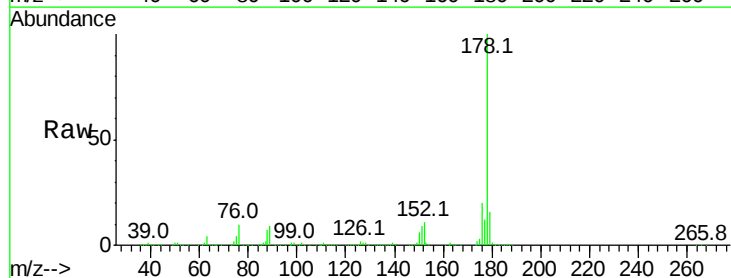


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

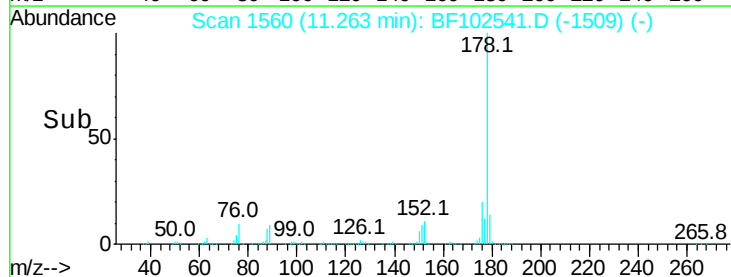
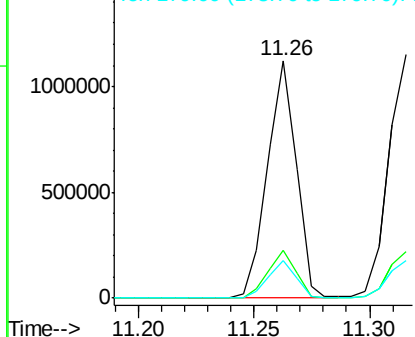


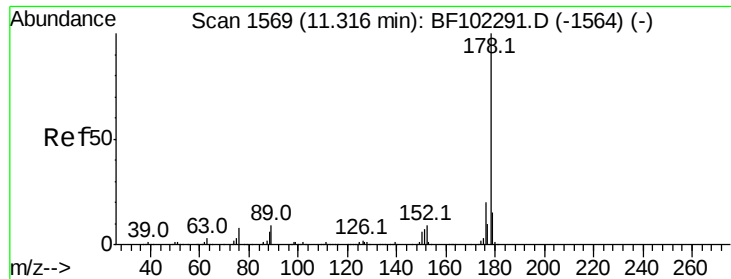
#70
 Phenanthrene
 Concen: 36.914 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	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

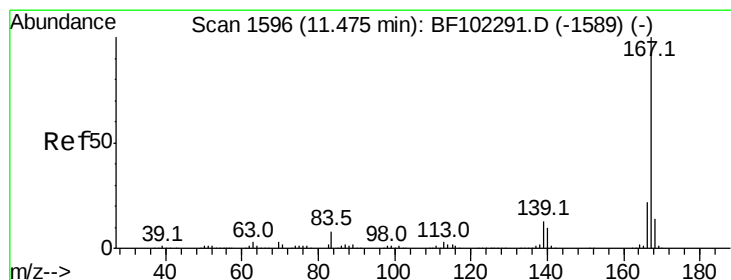
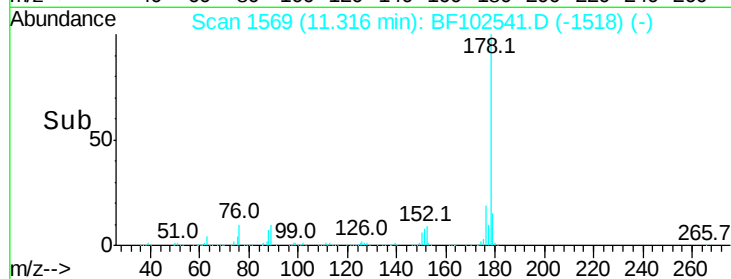
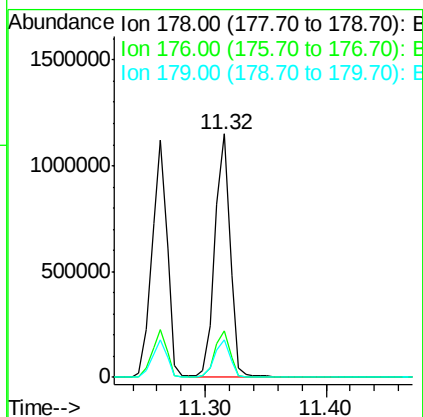
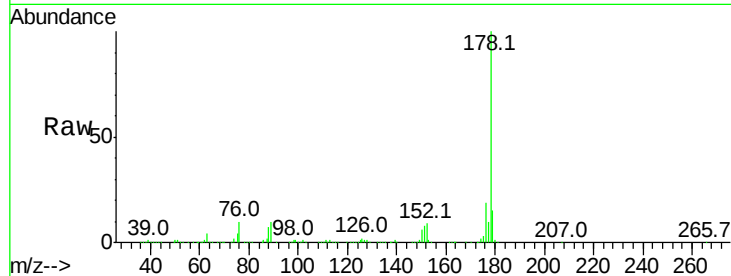




#71
 Anthracene
 Concen: 36.873 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

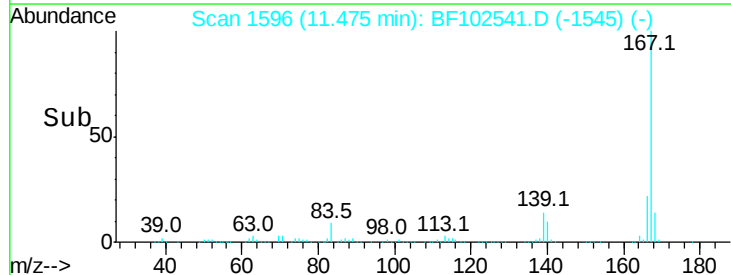
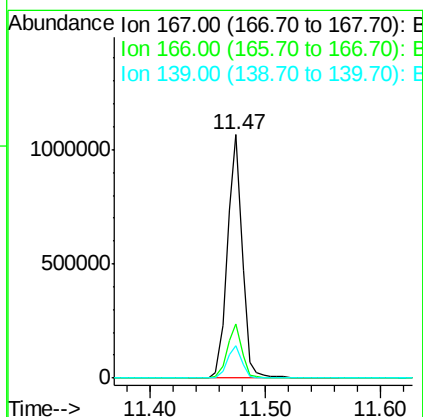
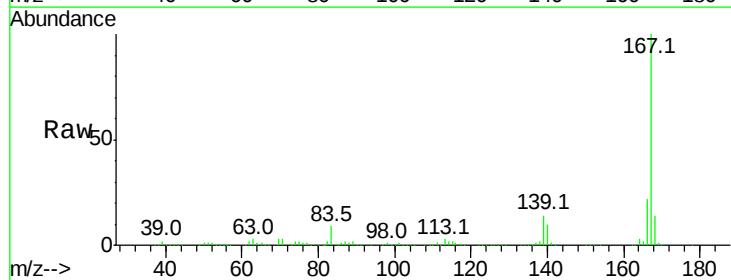
Instrument :
 BNA_F
 ClientSampleId :

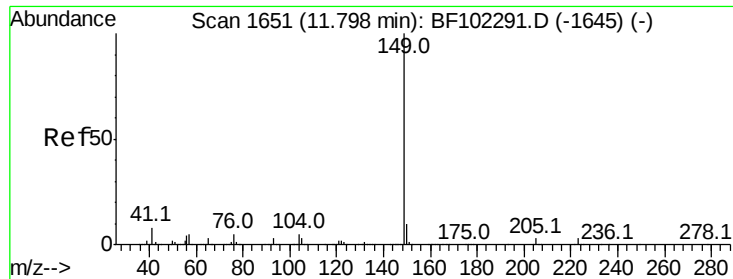
Tot Ion:178 Resp: 999758
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.834 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:167 Resp: 947849
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.5 10.9 16.3

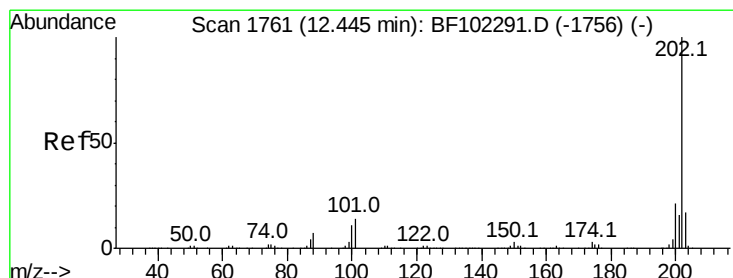
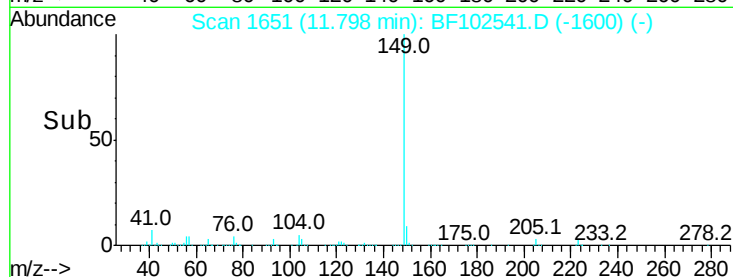
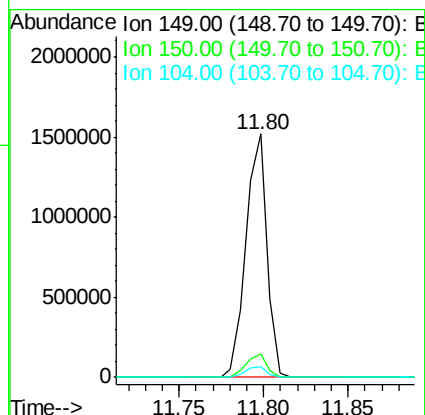
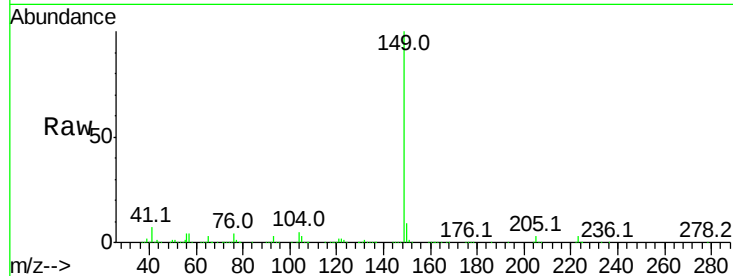




#73
Di-n-butylphthalate
Concen: 40.102 ng
RT: 11.80 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

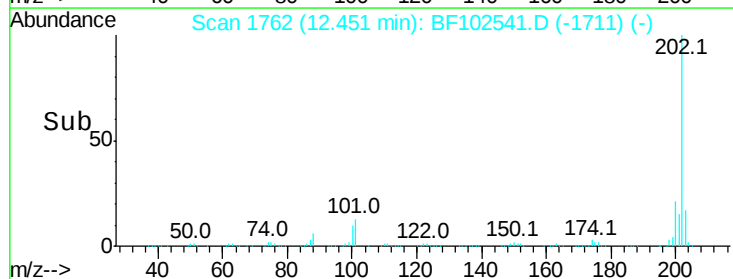
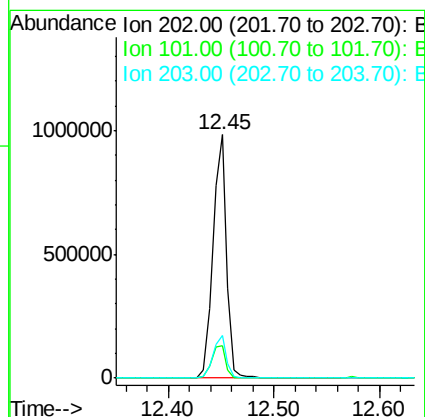
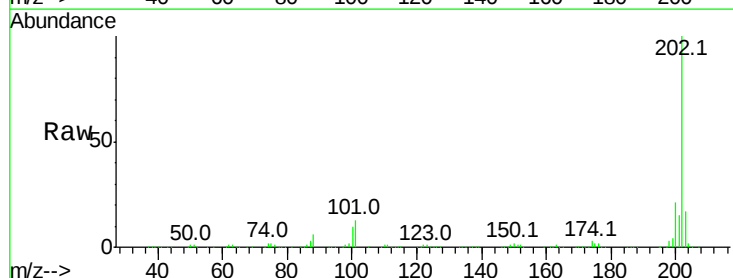
Instrument :
BNA_F
ClientSampleId :

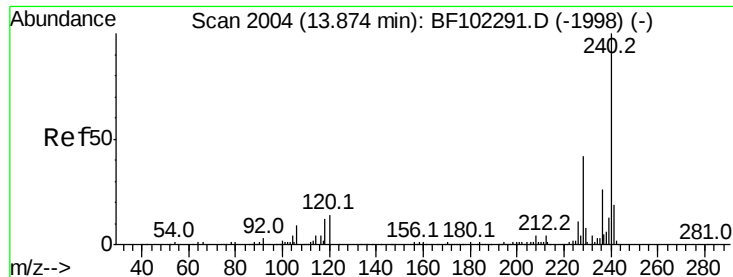
Tot Ion:149 Resp: 1325896
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 32.827 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion:202 Resp: 889225
Ion Ratio Lower Upper
202 100
101 13.4 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

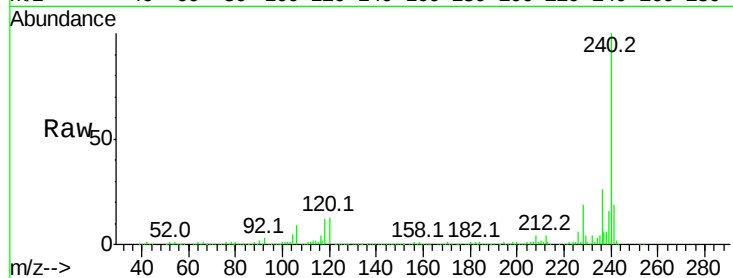
Tot Ion:240 Resp: 308828

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

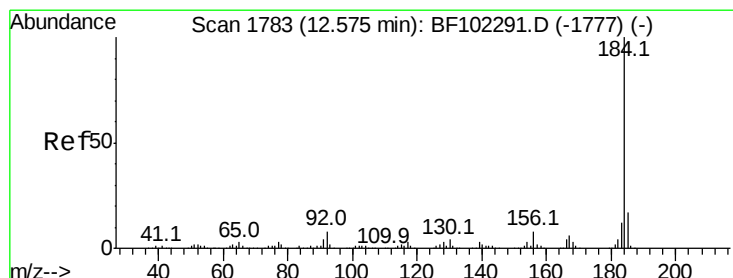
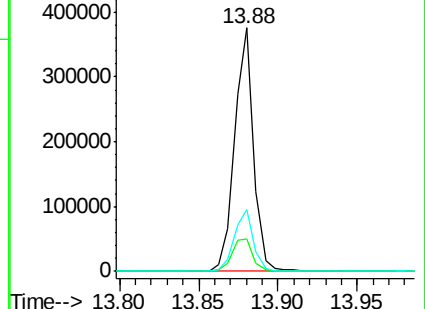
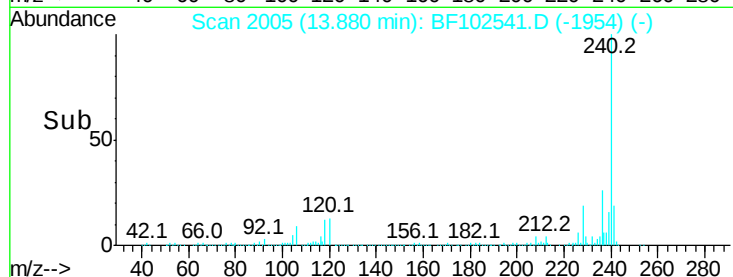
236 25.6 20.7 31.1



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: 64.570 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

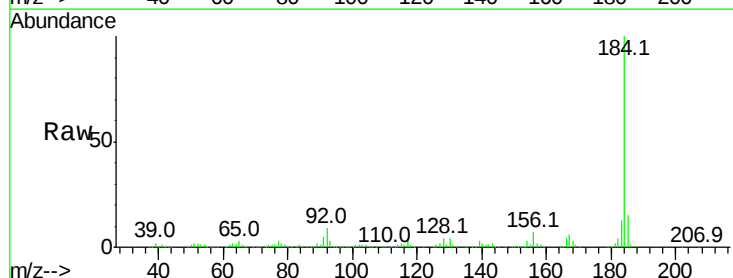
Tgt Ion:184 Resp: 669886

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

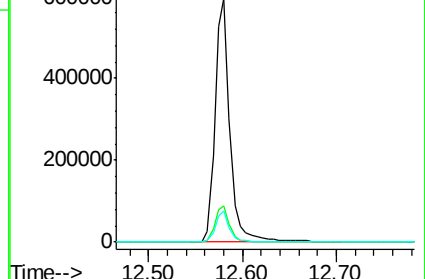
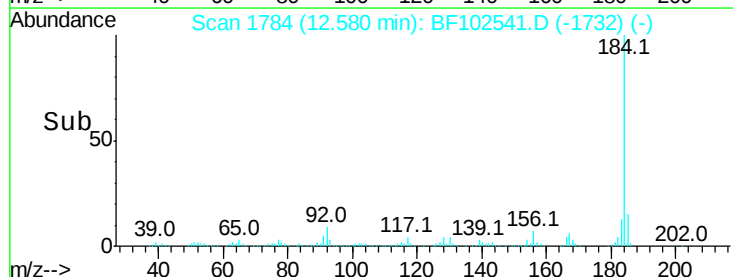
183 12.6 9.3 13.9

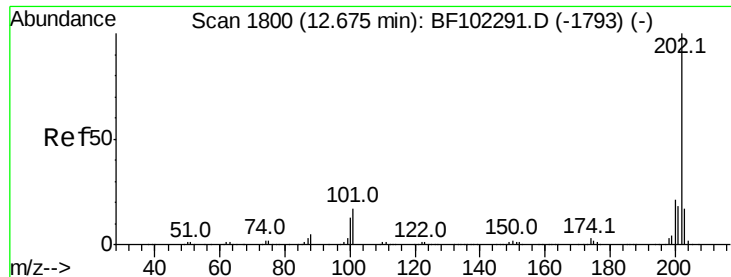


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

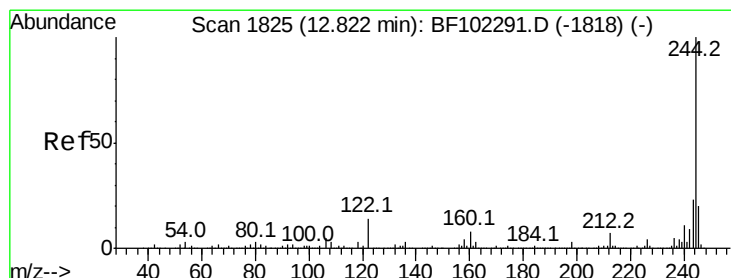
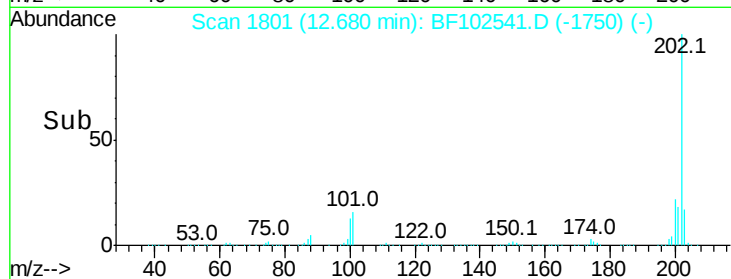
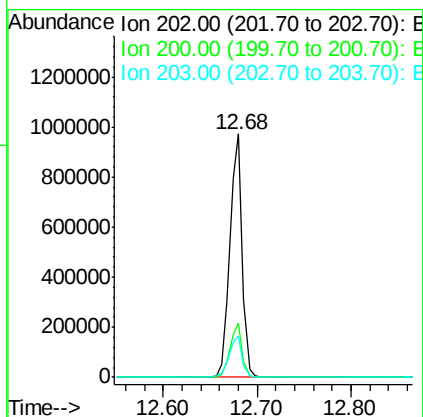
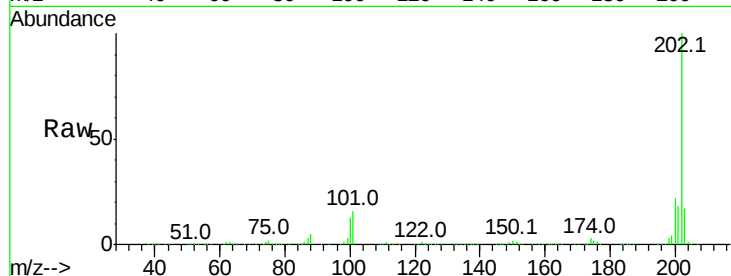




#77
Pvrene
Concen: 36.947 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

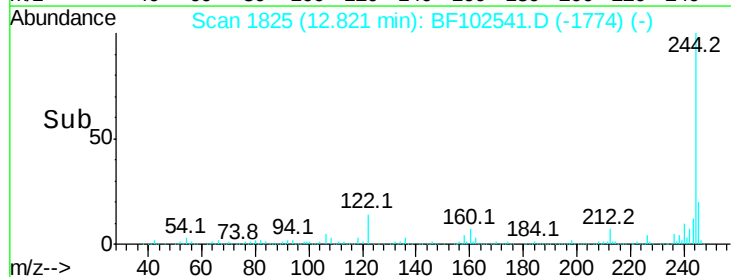
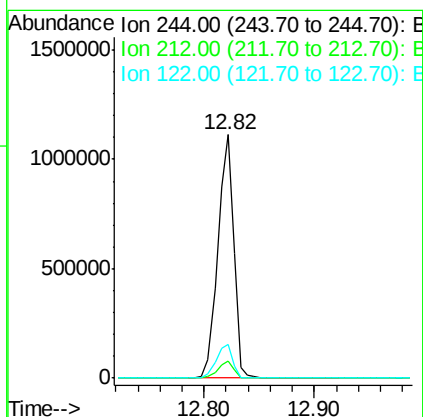
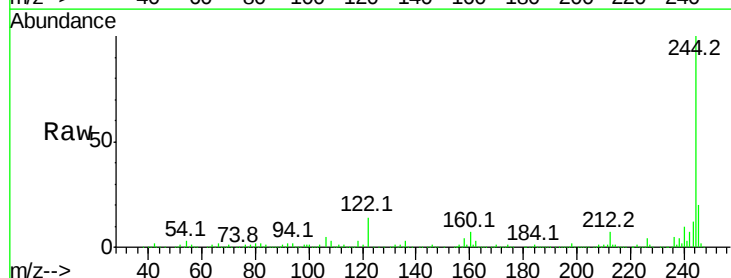
Instrument :
BNA_F
ClientSampleId :

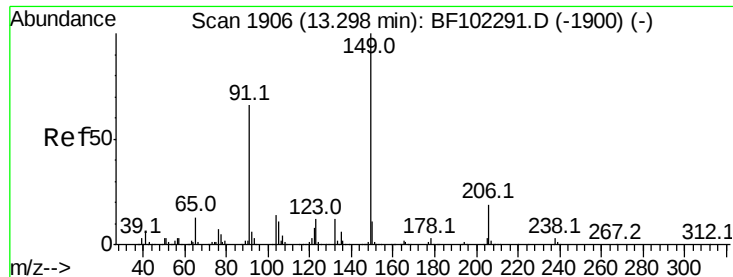
Tot Ion:202 Resp: 882199
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 80.984 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion:244 Resp: 1109405
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.9 11.0 16.4

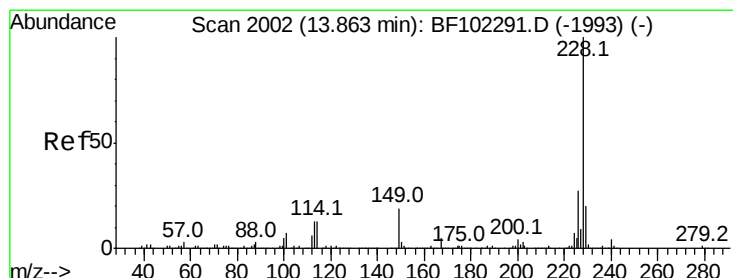
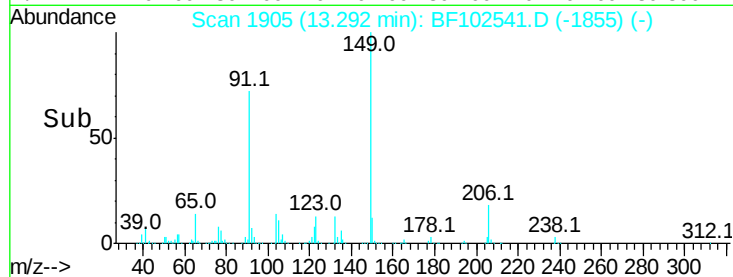
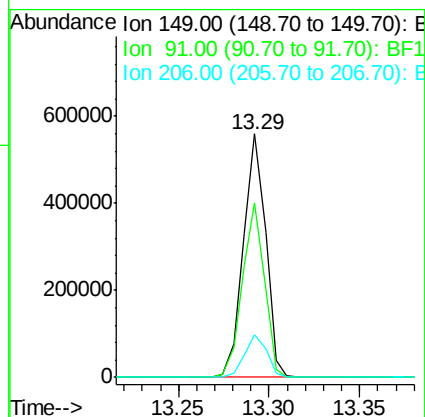
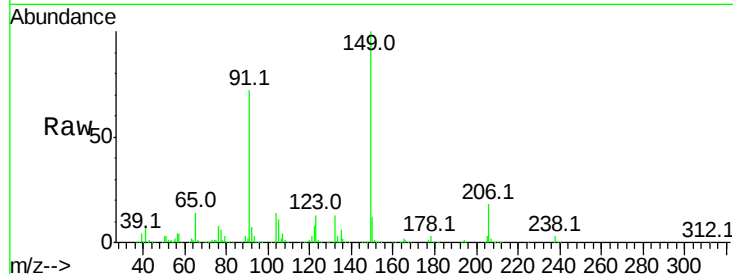




#79
 Butylbenzylphthalate
 Concen: 40.225 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

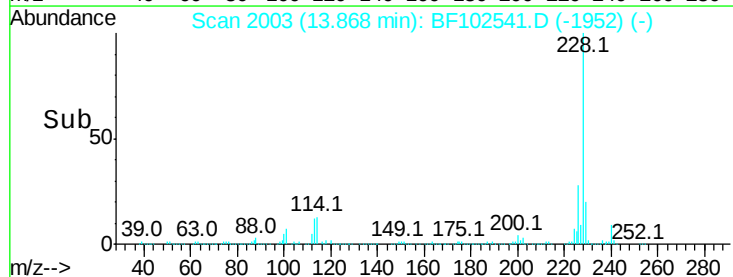
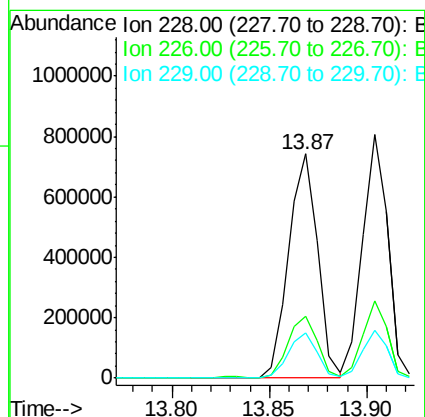
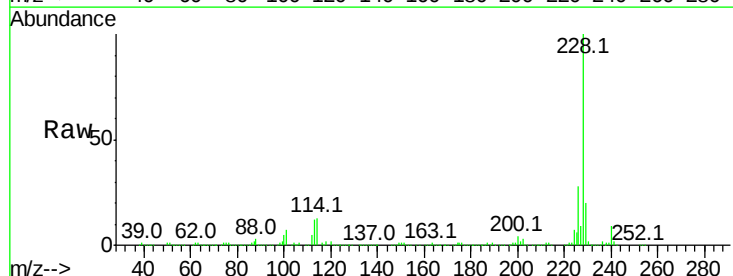
Instrument :
 BNA_F
 ClientSampleId :

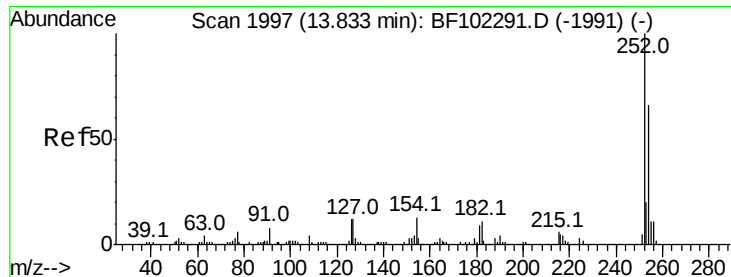
Tot Ion:	149	Resp:	477985
Ion Ratio	Lower	Upper	
149	100		
91	71.7	56.8	85.2
206	17.7	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 40.083 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:	228	Resp:	762116
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6

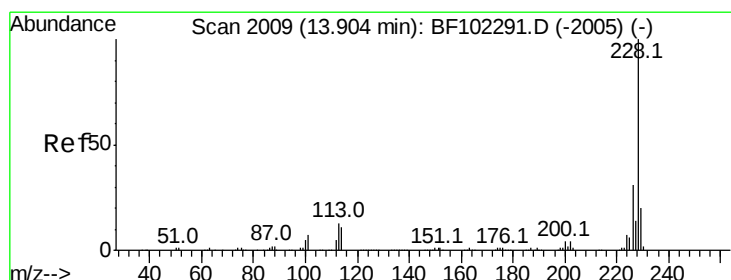
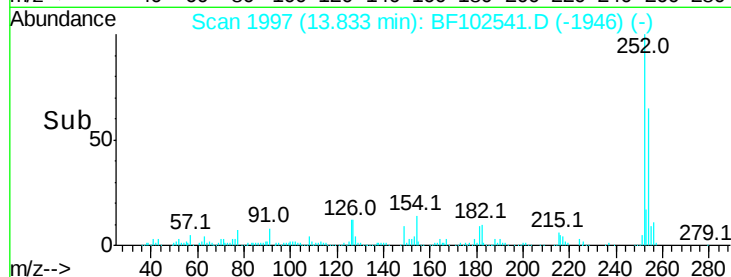
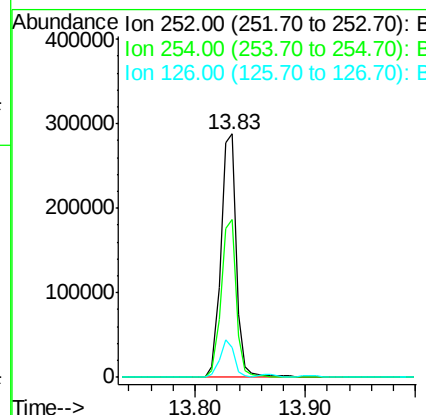
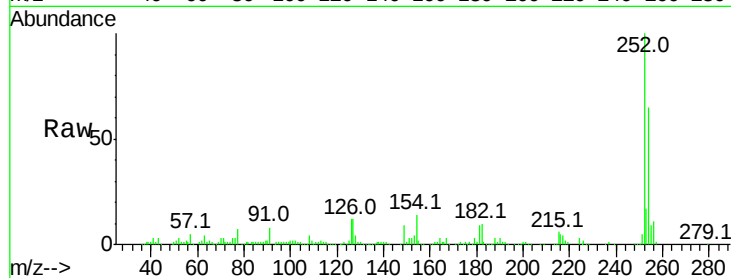




#81
 3,3'-Dichlorobenzidine
 Concen: 40.236 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

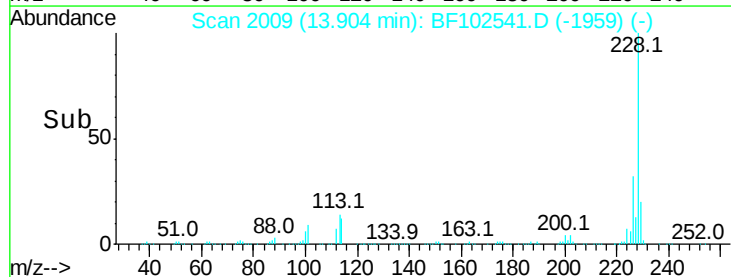
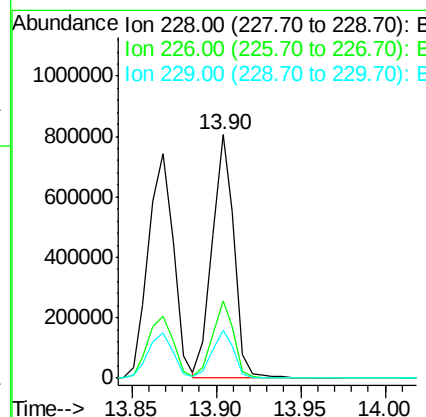
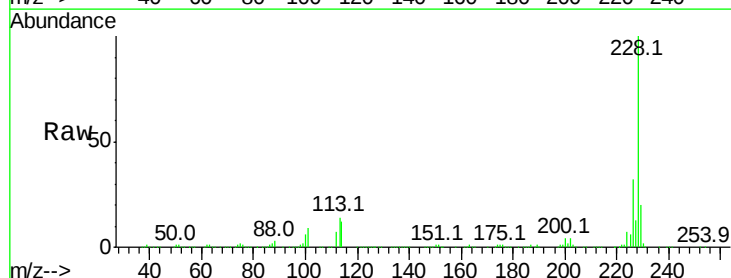
Instrument :
 BNA_F
 ClientSampleId :

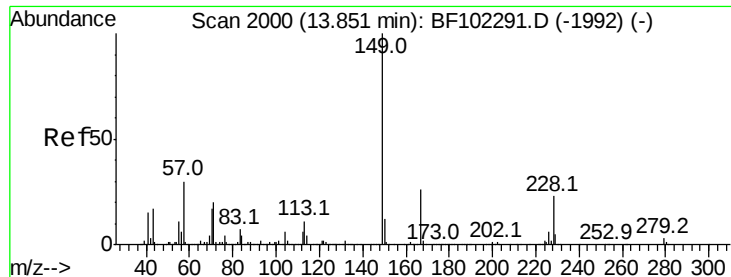
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	12.3	11.3	16.9



#82
 Chrysene
 Concen: 37.813 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.8	16.2	24.4

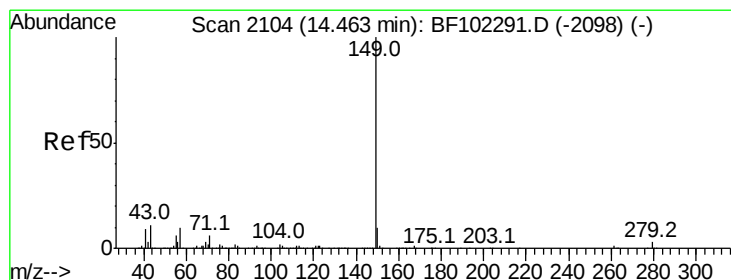
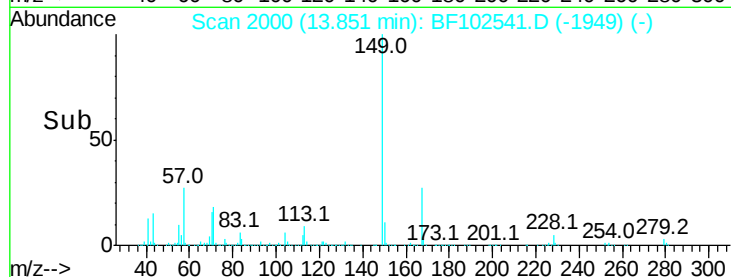
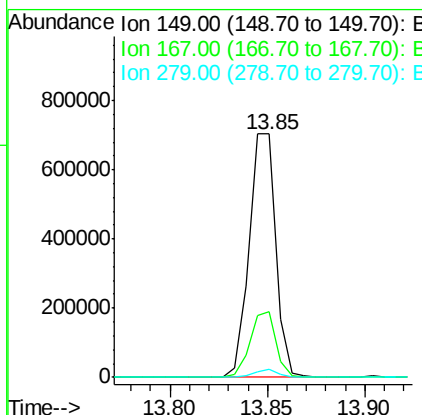
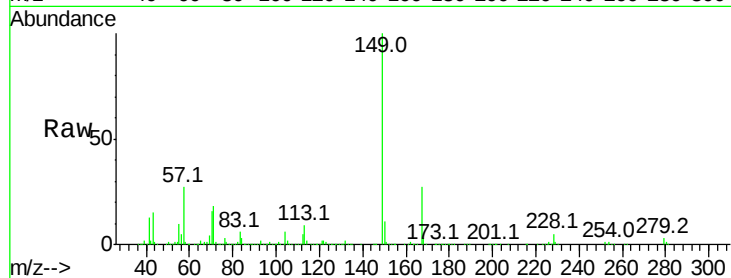




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.795 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

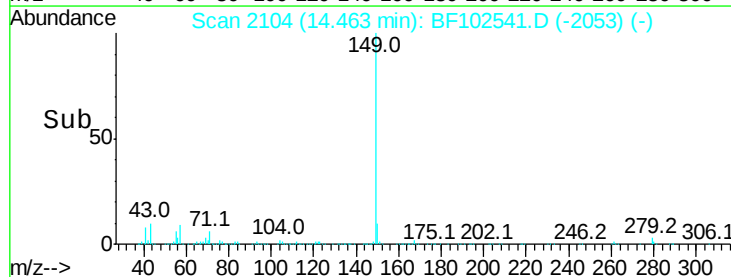
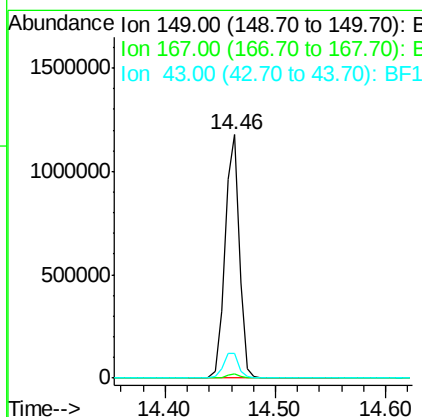
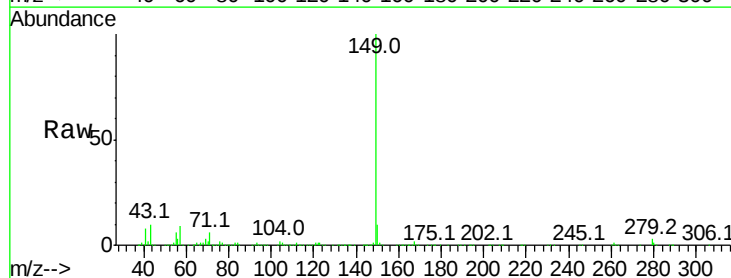
Instrument :
 BNA_F
 ClientSampleId :

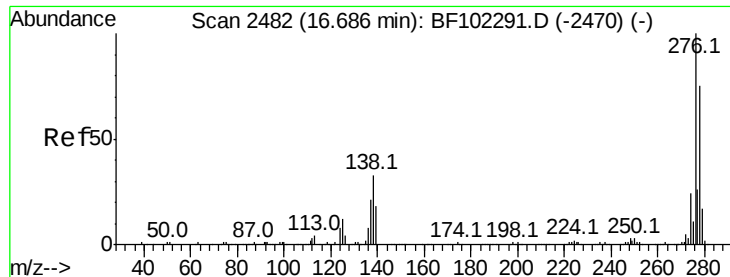
Tot Ion:149 Resp: 667419
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.136 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:149 Resp: 1068287
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.9 8.4 12.6

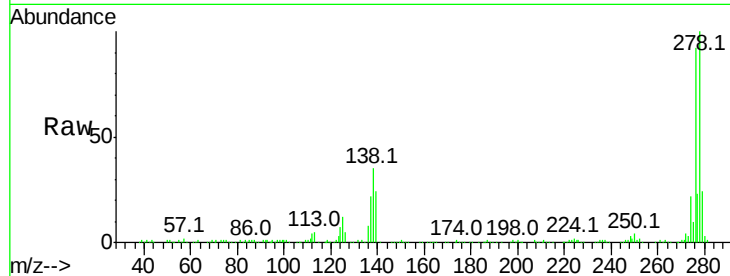




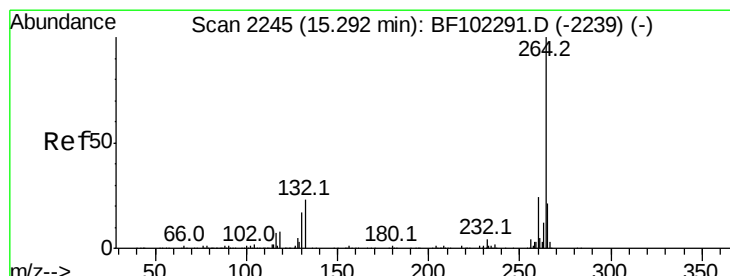
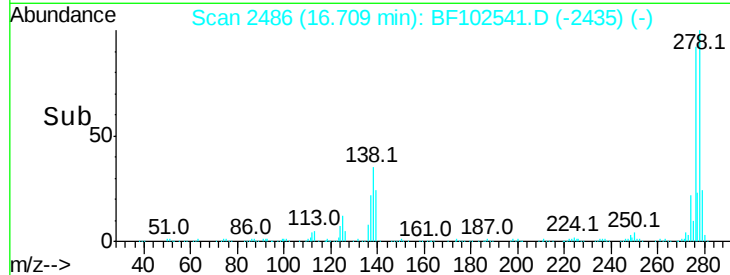
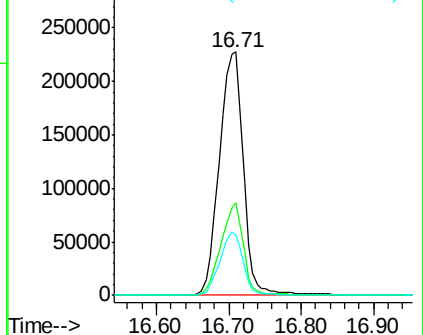
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.900 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 524617
Ion Ratio Lower Upper
276 100
138 35.7 25.0 37.6
277 25.0 20.1 30.1

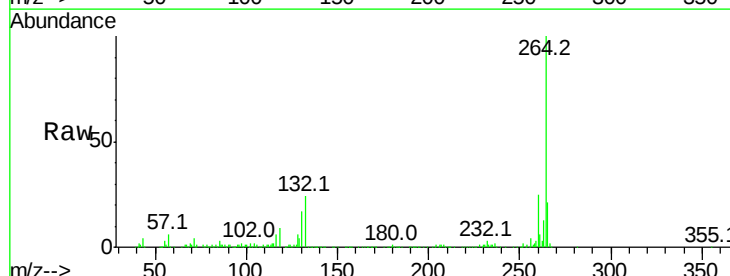


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

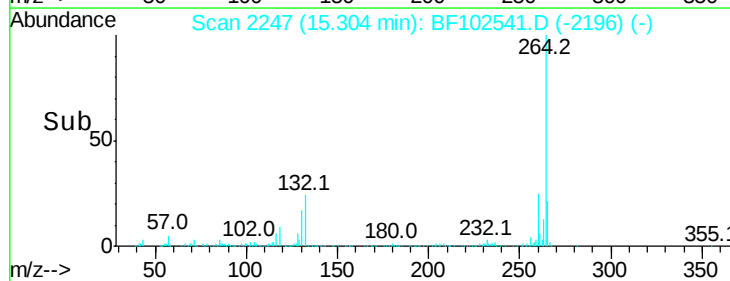
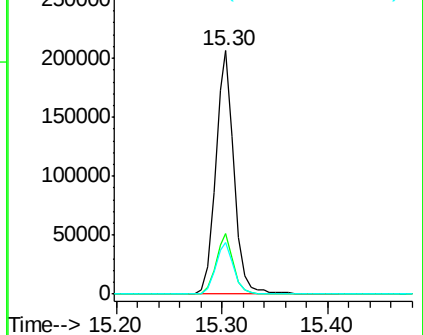


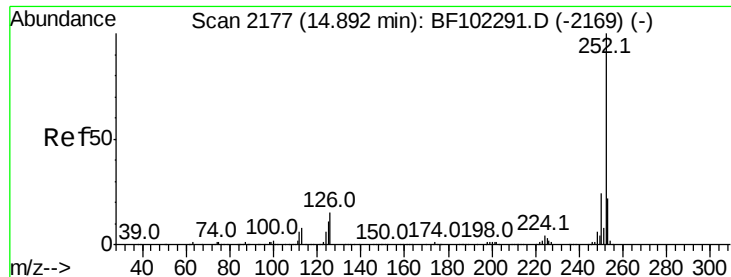
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion:264 Resp: 251532
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.3 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: 39.495 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

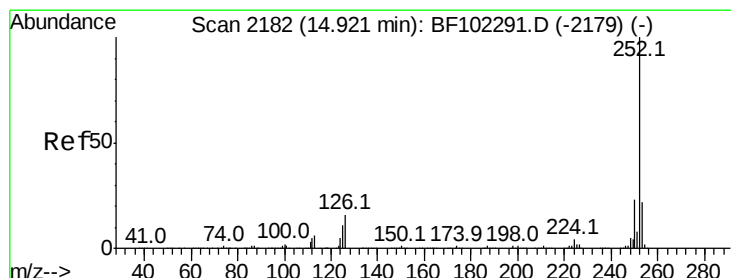
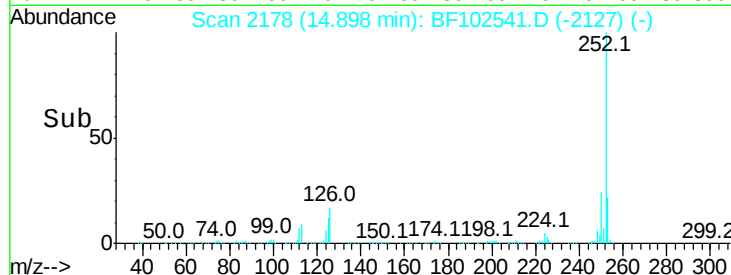
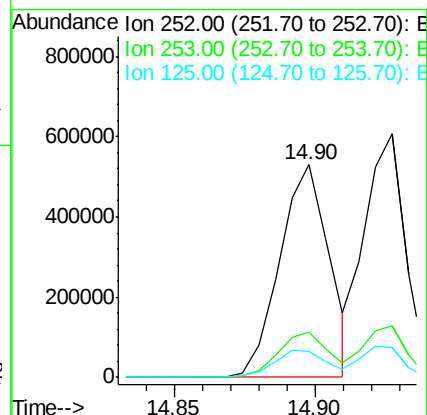
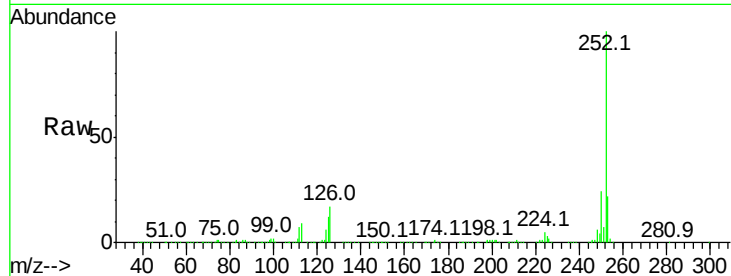
Tot Ion:252 Resp: 643890

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 12.2 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 40.596 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

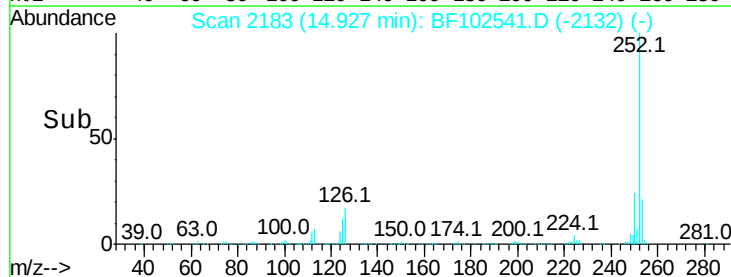
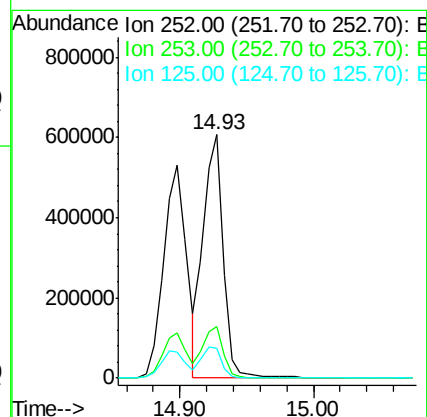
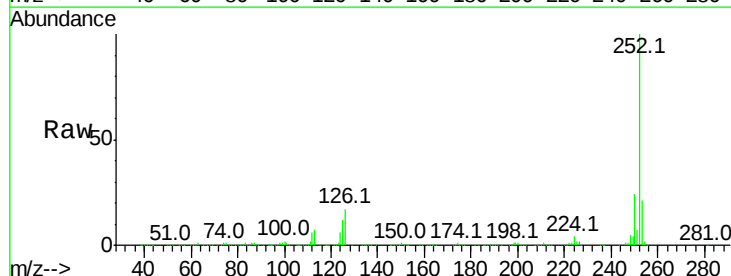
Tgt Ion:252 Resp: 625291

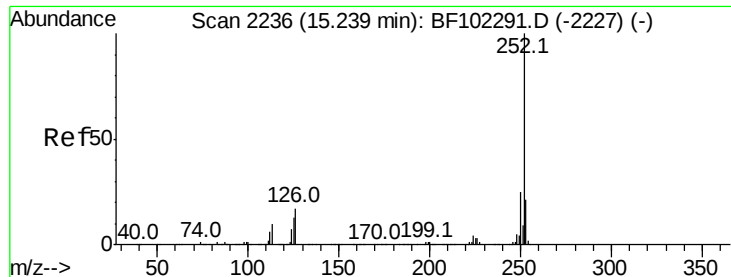
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.173 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

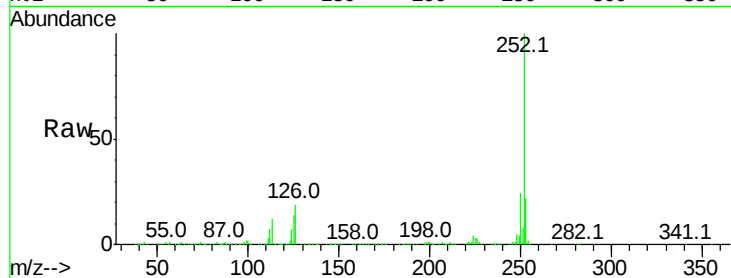
Tot Ion:252 Resp: 590687

Ion Ratio Lower Upper

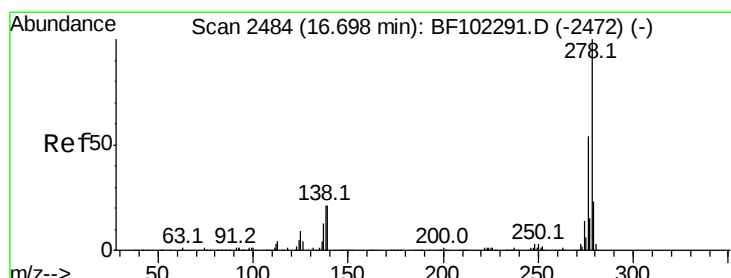
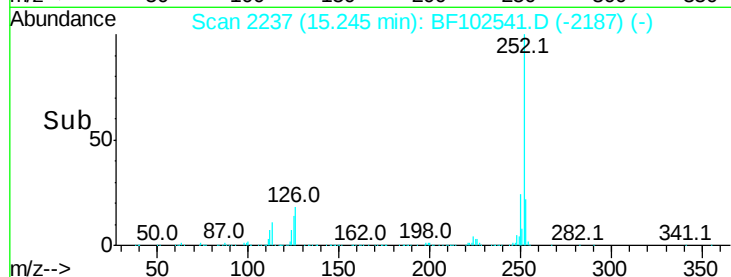
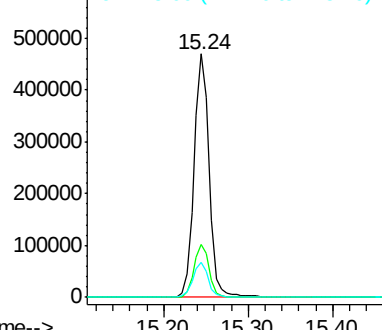
252 100

253 21.9 17.1 25.7

125 14.5 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: 37.352 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

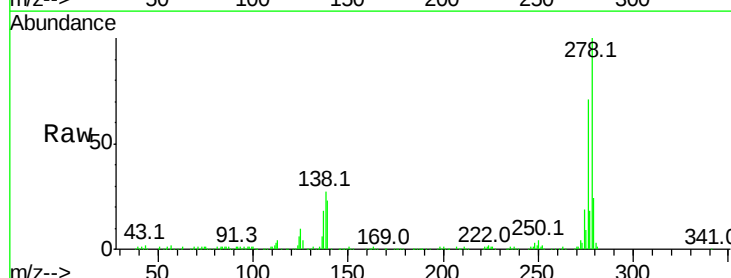
Tgt Ion:278 Resp: 444884

Ion Ratio Lower Upper

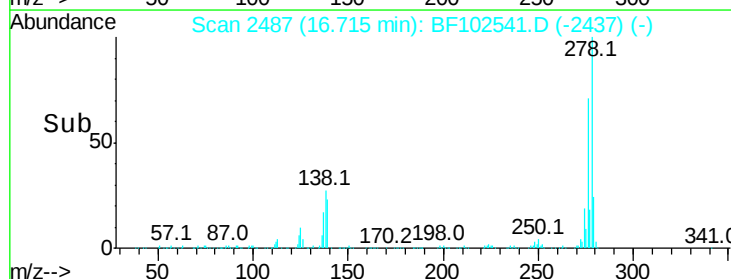
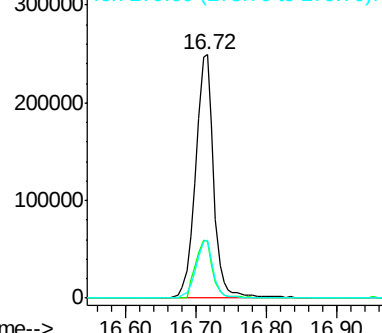
278 100

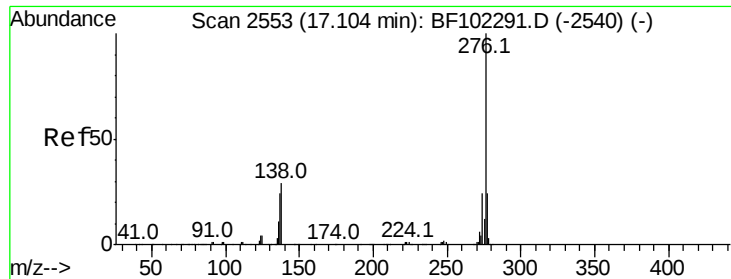
139 23.3 15.9 23.9

279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.131 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

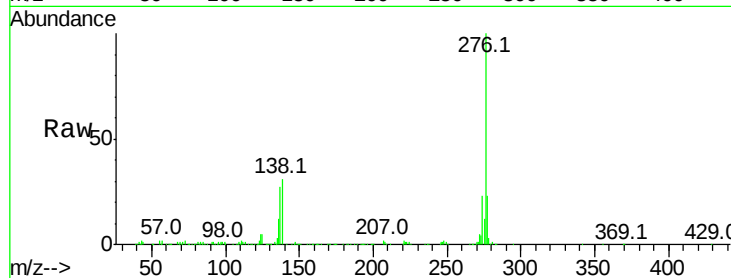
Tot Ion:276 Resp: 424917

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 31.2 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

