

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102490.D
 Acq On : 27 Jan 2018 2:16
 Operator : SJ/JU
 Sample : PB106042BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 03:36:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165435	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	658234	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	262312	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	371369	20.00	ng	0.00
75) Chrysene-d12	13.89	240	285005	20.00	ng	0.01
86) Perylene-d12	15.32	264	195346	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	623929	57.18	ng	0.01
7) Phenol-d6	6.37	99	732862	55.71	ng	0.00
23) Nitrobenzene-d5	7.29	82	571242	49.87	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	86469	33.27	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1120068	62.78	ng	0.00
78) Terphenyl-d14	12.83	244	754345	59.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	133597	25.771	ng	97
3) Pyridine	3.14	79	371239	27.403	ng	97
4) n-Nitrosodimethylamine	3.10	42	170456	32.094	ng	97
6) Aniline	6.38	93	313075	17.994	ng	# 22
8) 2-Chlorophenol	6.51	128	335241	29.311	ng	97
9) Benzaldehyde	6.27	77	107619	11.958	ng	97
10) Phenol	6.38	94	403753	28.116	ng	# 67
11) bis(2-Chloroethyl)ether	6.46	93	327669	30.001	ng	98
12) 1,3-Dichlorobenzene	6.66	146	365366	26.860	ng	98
13) 1,4-Dichlorobenzene	6.74	146	376869	27.659	ng	98
14) 1,2-Dichlorobenzene	6.89	146	347350	27.870	ng	97
15) Benzyl Alcohol	6.87	79	248023	26.724	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	526479	28.741	ng	82
17) 2-Methylphenol	6.99	107	264564	26.634	ng	# 94
18) Hexachloroethane	7.23	117	67963	14.314	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	235127	29.209	ng	96
20) 3+4-Methylphenols	7.15	107	348809	29.857	ng	94
22) Acetophenone	7.13	105	469271	29.907	ng	# 96
24) Nitrobenzene	7.30	77	297939	25.417	ng	99
25) Isophorone	7.55	82	620376	30.381	ng	98
26) 2-Nitrophenol	7.62	139	36817	5.968	ng	92
27) 2,4-Dimethylphenol	7.67	122	291866	32.581	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	410045	32.507	ng	100
29) 2,4-Dichlorophenol	7.87	162	238142	26.098	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	266306	27.225	ng	96
31) Naphthalene	8.03	128	933982	28.419	ng	99
32) Benzoic acid	7.81	122	41616	5.545	ng	95
33) 4-Chloroaniline	8.08	127	330710	23.930	ng	99
34) Hexachlorobutadiene	8.14	225	137925	26.401	ng	100
35) Caprolactam	8.45	113	82231	27.286	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	242620	25.224	ng	99
37) 2-Methylnaphthalene	8.72	142	613766	28.043	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	234631	29.731	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	123070	23.295	ng	98

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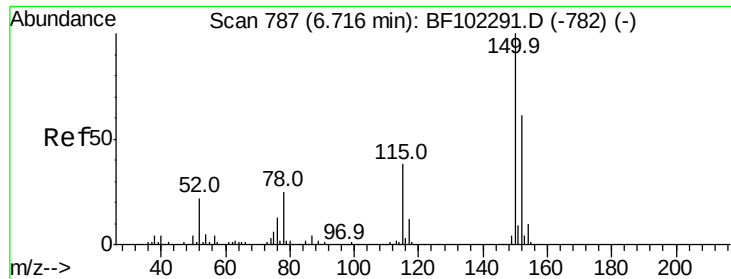
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 03:36:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.05	196	127182	21.381	nq	98
45) 1,1'-Biphenyl	9.18	154	699836	29.837	nq	100
46) 2-Chloronaphthalene	9.21	162	525550	28.827	nq	98
47) 2-Nitroaniline	9.31	65	132944	23.390	nq	98
48) Acenaphthylene	9.62	152	773740	27.241	nq	99
49) Dimethylphthalate	9.48	163	638500	29.449	nq	100
50) 2,6-Dinitrotoluene	9.55	165	66029	14.125	nq	94
51) Acenaphthene	9.79	154	451435	27.214	nq	99
52) 3-Nitroaniline	9.72	138	135715	24.542	nq	95
54) Dibenzofuran	9.96	168	670525	29.867	nq	97
55) 4-Nitrophenol	9.91	139	58903	16.136	nq	94
56) 2,4-Dinitrotoluene	9.96	165	62137	10.809	nq	# 79
57) Fluorene	10.31	166	496118	27.888	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	84073	19.795	nq	99
59) Diethylphthalate	10.17	149	595397	28.259	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	227664	29.518	nq	97
61) 4-Nitroaniline	10.33	138	122579	22.214	nq	91
62) Azobenzene	10.46	77	520172	26.966	nq	98
65) n-Nitrosodiphenylamine	10.42	169	448788	32.925	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	129402	32.368	nq	98
67) Hexachlorobenzene	10.86	284	120710	26.998	nq	97
68) Atrazine	10.94	200	127262	31.612	nq	98
69) Pentachlorophenol	11.06	266	48048	20.457	nq	99
70) Phenanthrene	11.27	178	623400	28.807	nq	99
71) Anthracene	11.32	178	653417	29.582	nq	98
72) Carbazole	11.48	167	613865	28.487	nq	100
73) Di-n-butylphthalate	11.80	149	844503	31.353	nq	99
74) Fluoranthene	12.46	202	621094	28.144	nq	99
76) Benzidine	12.59	184	212149	22.158	nq	97
77) Pyrene	12.69	202	633804	28.763	nq	99
79) Butylbenzylphthalate	13.30	149	325179	29.653	nq	96
80) Benzo(a)anthracene	13.88	228	532087	30.324	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	189918	29.505	nq	99
82) Chrysene	13.92	228	505969	28.395	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	469057	31.828	nq	# 97
84) Di-n-octyl phthalate	14.47	149	790785	32.996	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	316887	21.534	nq	97
87) Benzo(b)fluoranthene	14.91	252	380816	30.077	nq	98
88) Benzo(k)fluoranthene	14.94	252	380213	31.785	nq	99
89) Benzo(a)pyrene	15.26	252	335527	29.383	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	267930	28.965	nq	98
91) Benzo(g,h,i)perylene	17.15	276	264605	28.971	nq	95

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

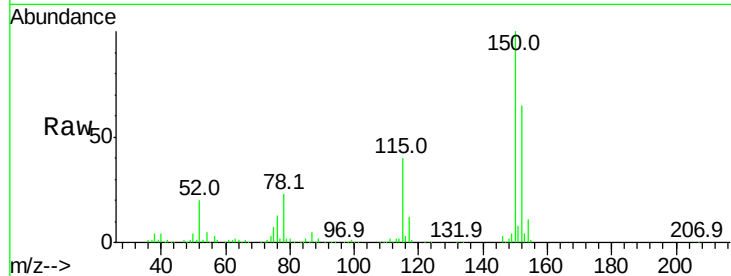


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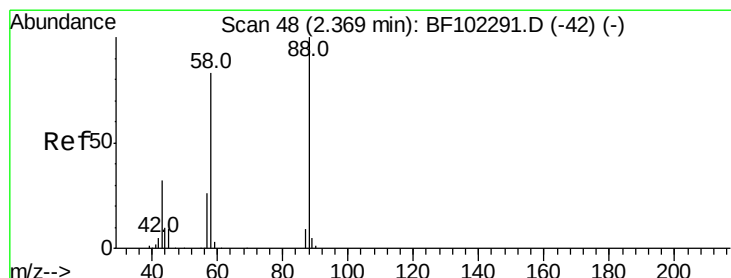
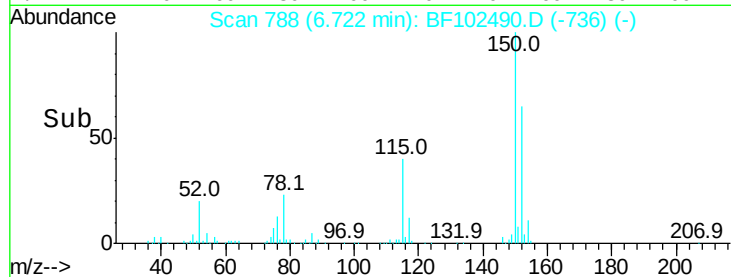
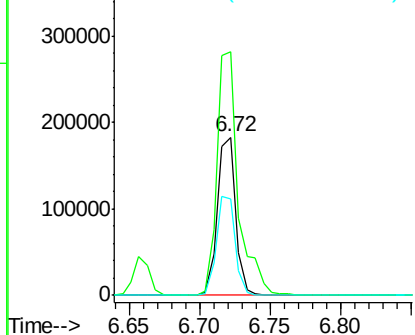
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165435
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 61.0 50.1 75.1



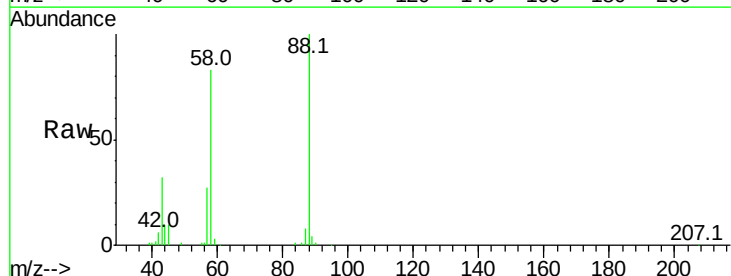
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



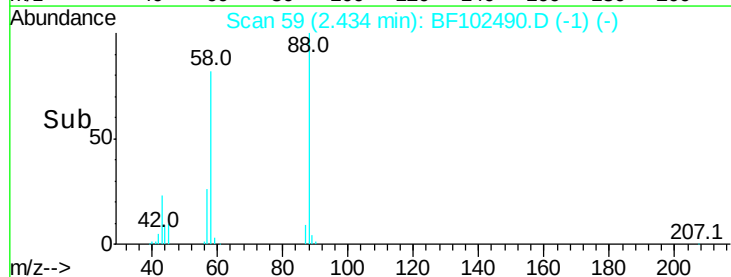
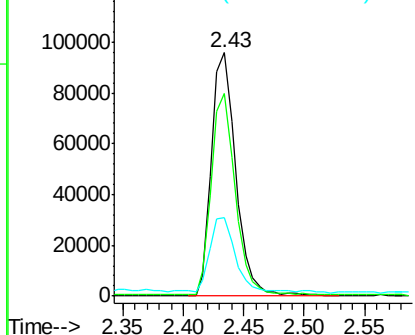
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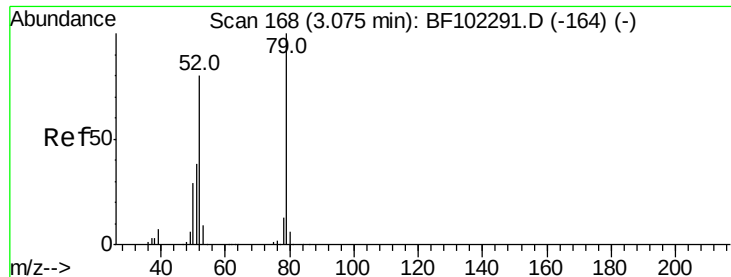
1,4-Dioxane
Concen: 25.771 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.06 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion: 88 Resp: 133597
Ion Ratio Lower Upper
88 100
58 81.2 62.6 93.8
43 30.1 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: 27.403 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.06 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

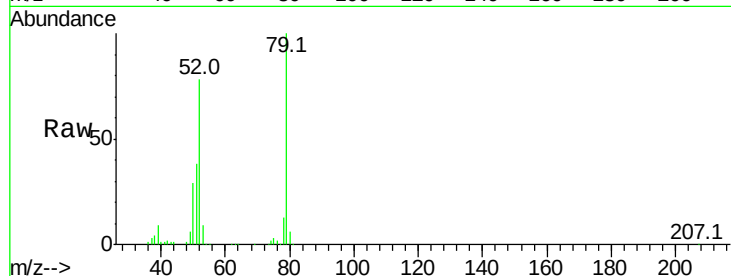
Tot Ion: 79 Resp: 371239

Ion Ratio Lower Upper

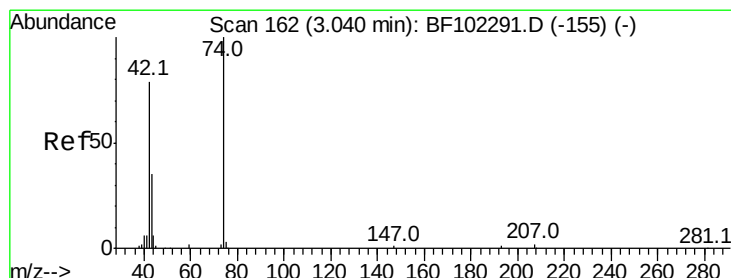
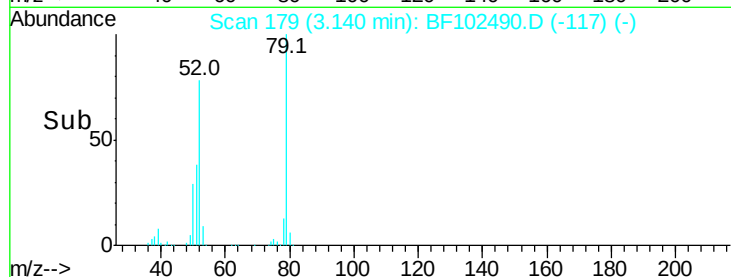
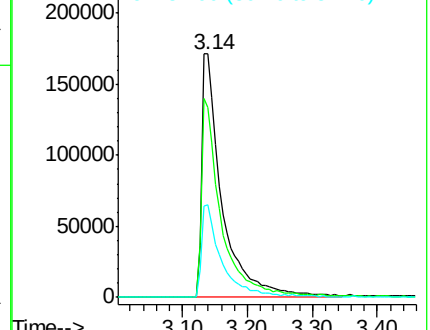
79 100

52 78.0 59.8 89.6

51 37.9 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 32.094 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.05 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

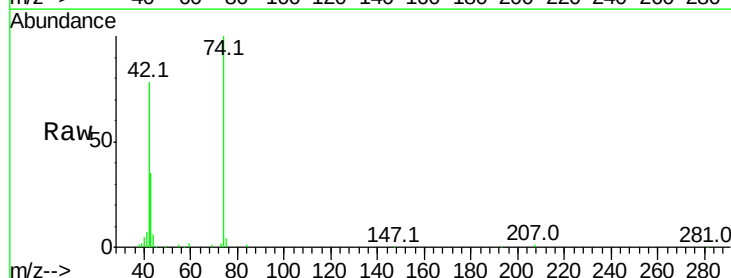
Tgt Ion: 42 Resp: 170456

Ion Ratio Lower Upper

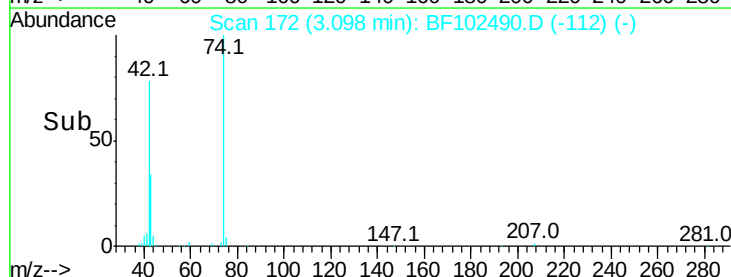
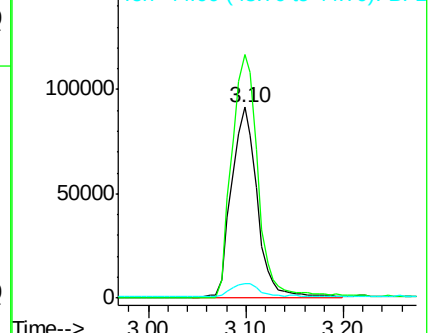
42 100

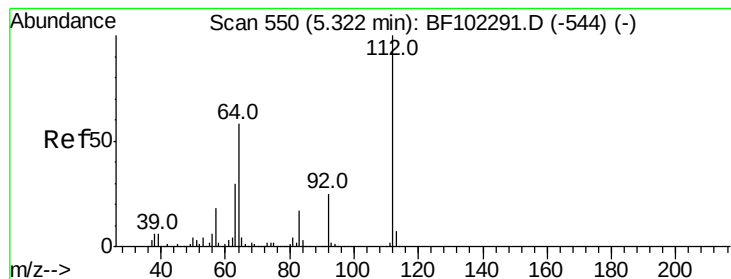
74 127.7 104.9 157.3

44 7.5 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

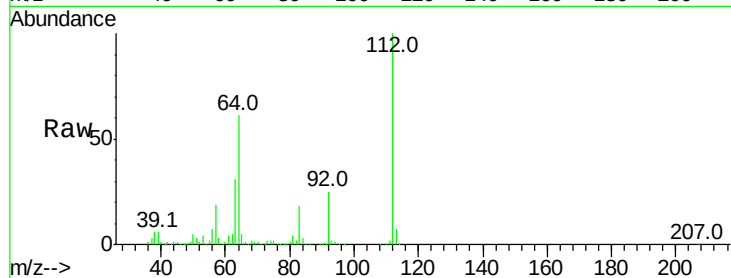




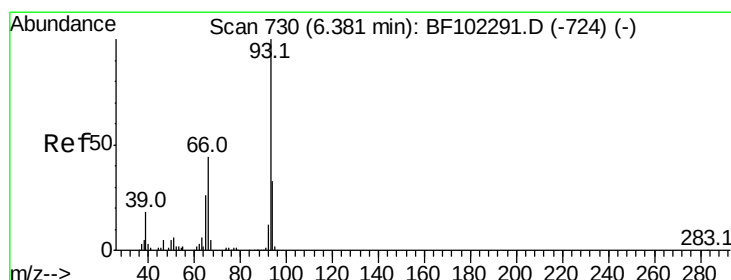
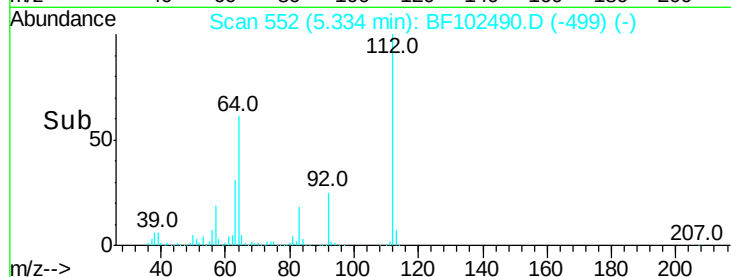
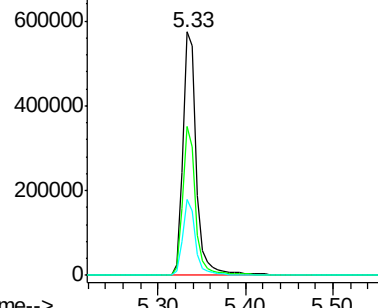
#5
2-Fluorophenol
Concen: 57.185 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.1	23.7	35.5

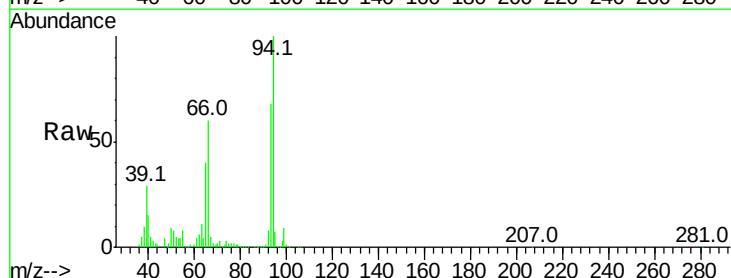


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

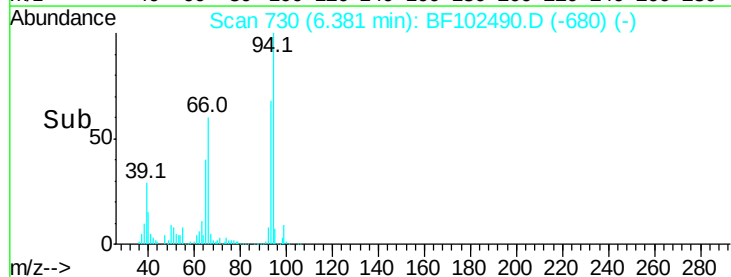
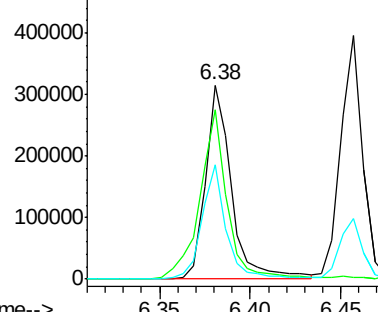


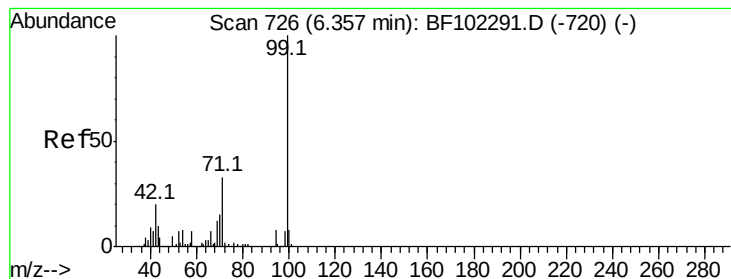
#6
Aniline
Concen: 17.994 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
93	100		
66	87.4	32.2	48.2#
65	59.0	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: 55.715 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

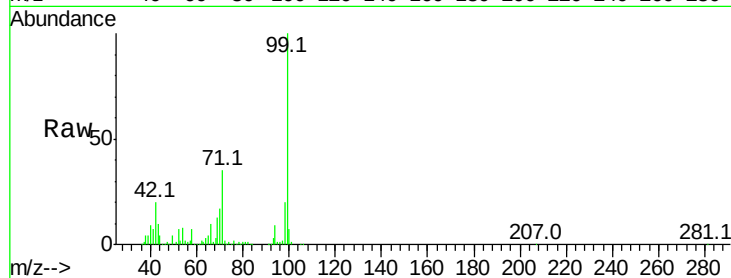
Tot Ion: 99 Resp: 732862

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

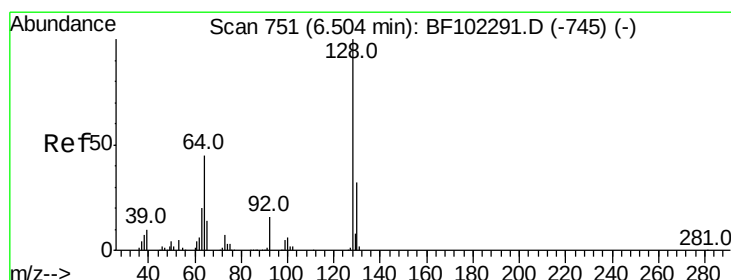
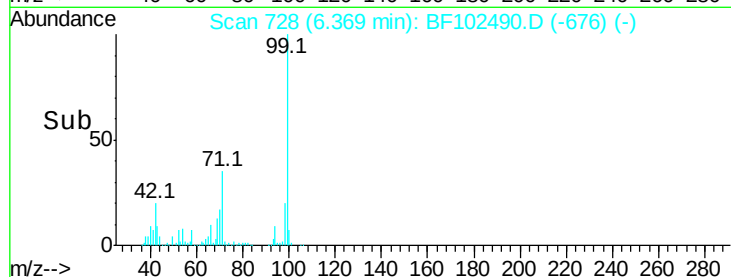
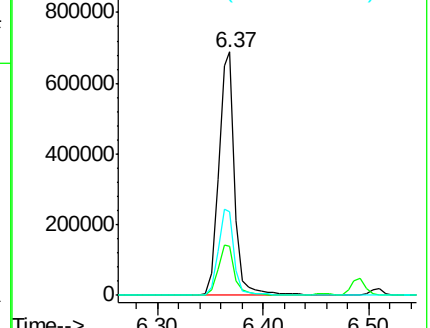
71 34.5 25.4 38.0



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: 29.311 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

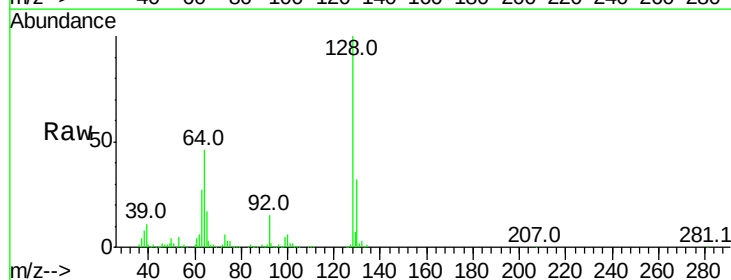
Tgt Ion: 128 Resp: 335241

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

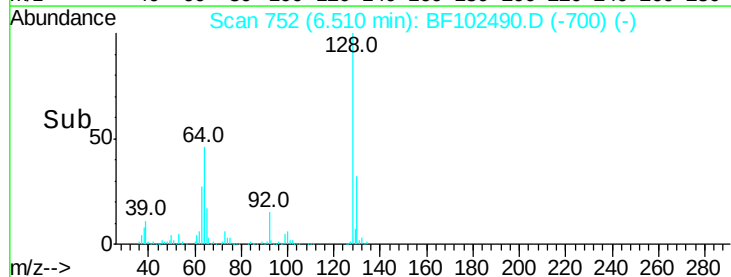
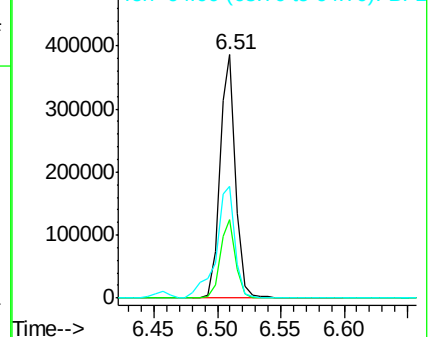
64 46.0 29.4 69.4

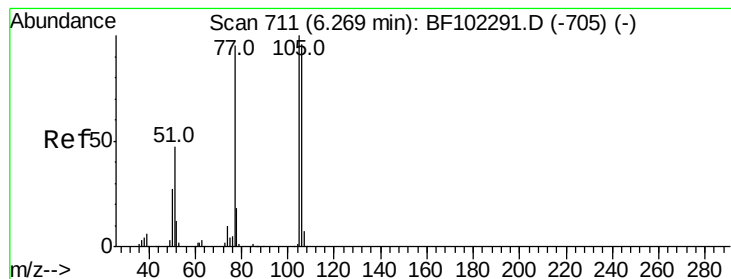


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.958 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

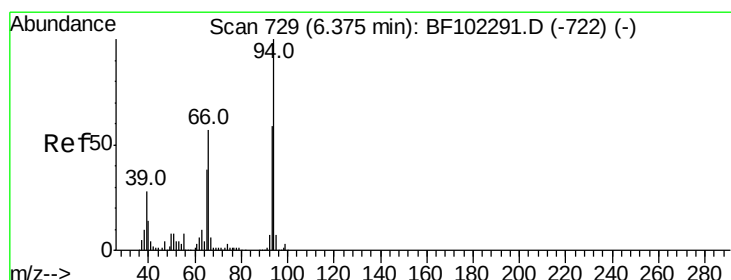
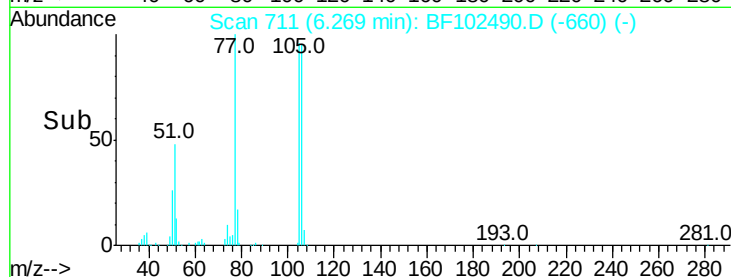
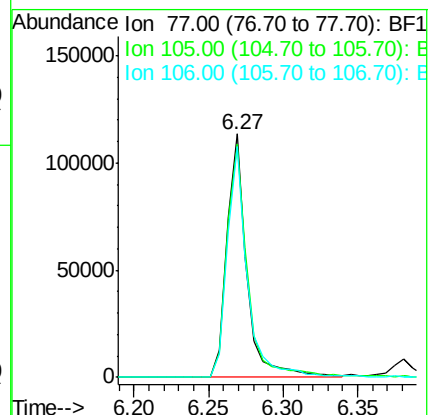
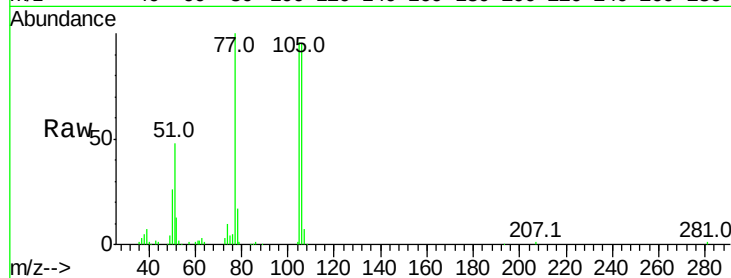
Tot Ion: 77 Resp: 107619

Ion Ratio Lower Upper

77 100

105 96.1 81.1 121.1

106 95.0 74.5 114.5



#10

Phenol

Concen: 28.116 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

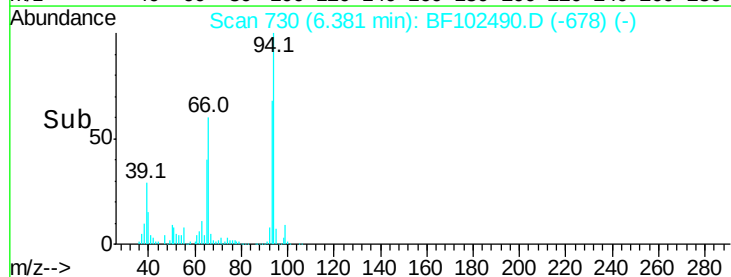
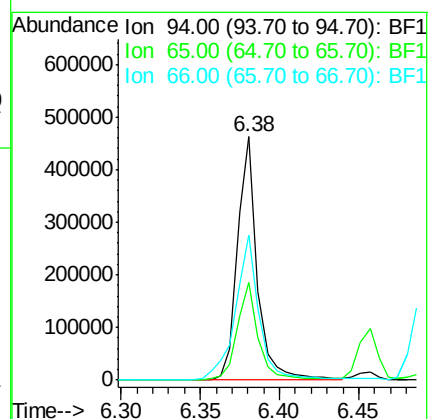
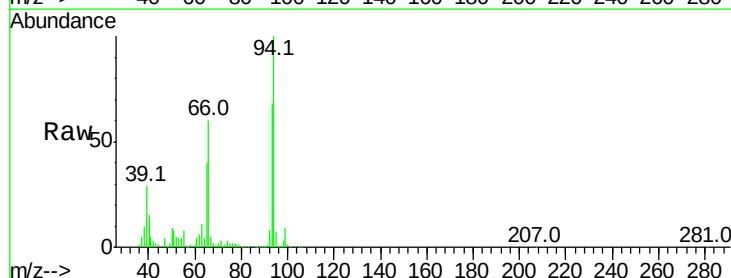
Tgt Ion: 94 Resp: 403753

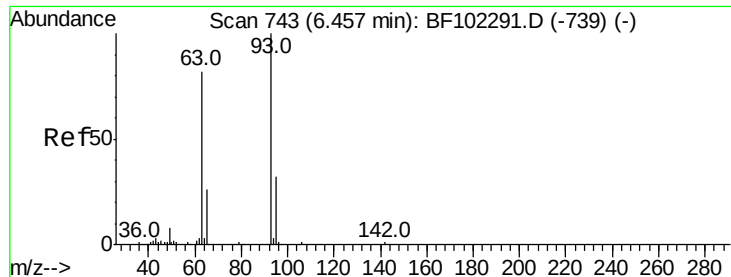
Ion Ratio Lower Upper

94 100

65 40.2 7.9 47.9

66 59.5 16.2 56.2#

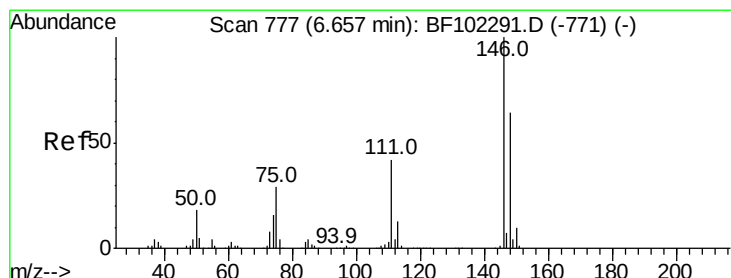
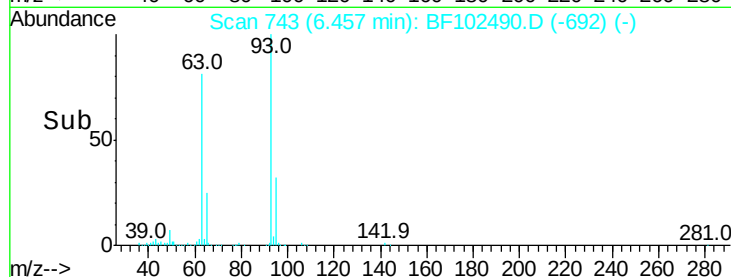
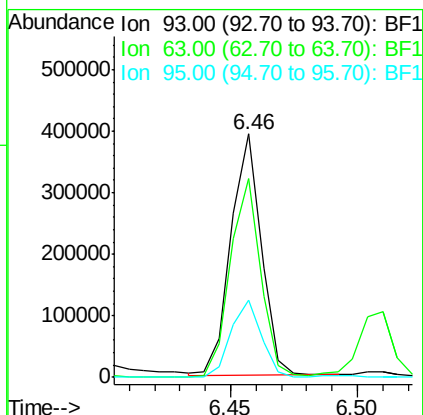
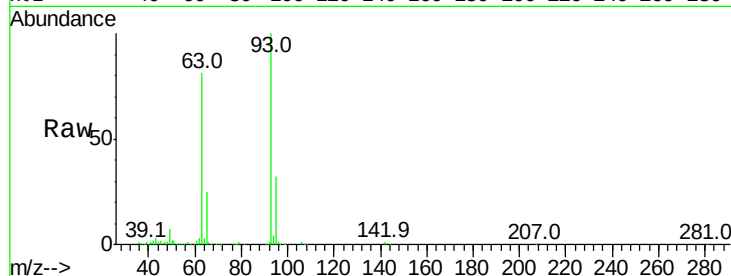




#11
bis(2-Chloroethyl)ether
Concen: 30.001 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

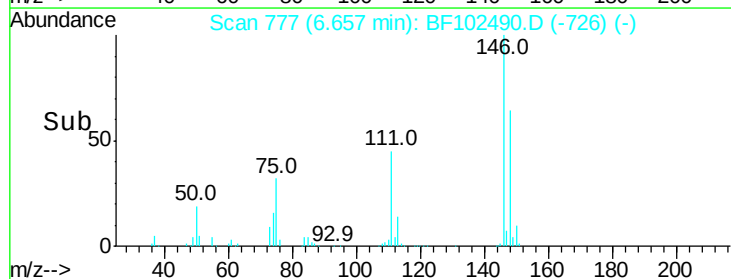
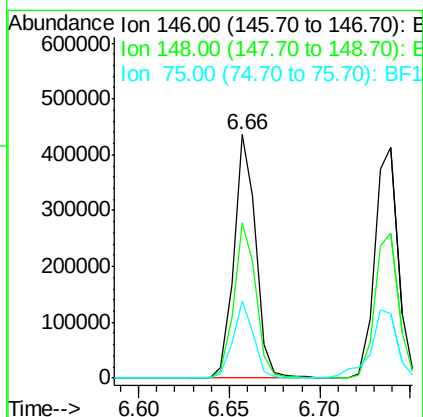
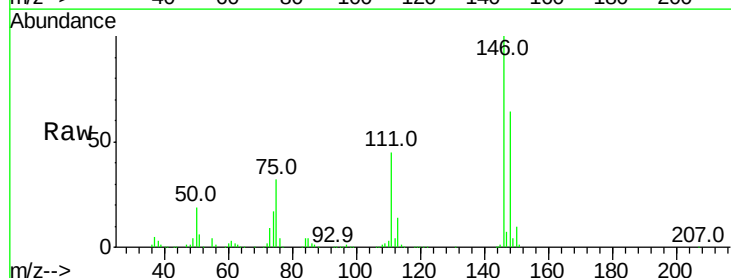
Instrument :
BNA_F
ClientSampleId :

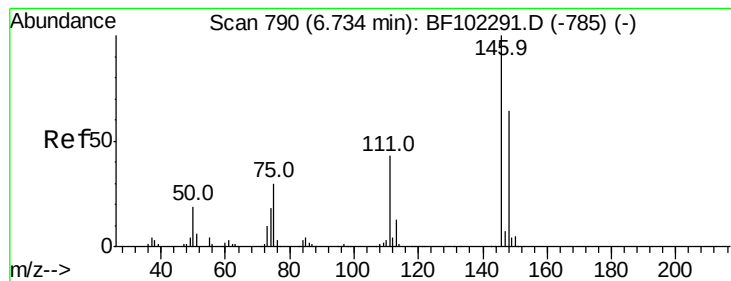
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	58.6	98.6
95	31.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 26.860 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	31.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 27.659 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampled :

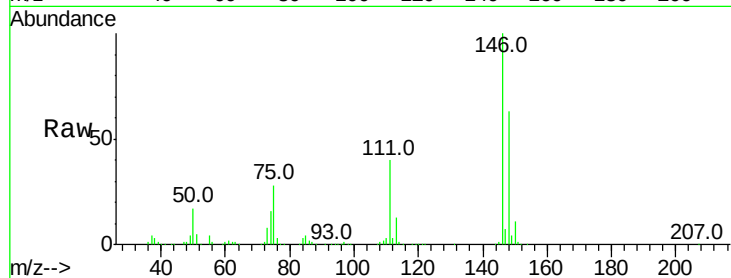
Tot Ion:146 Resp: 376869

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

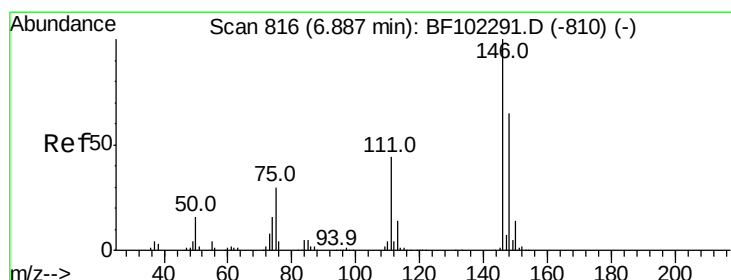
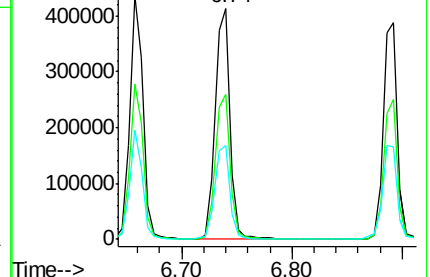
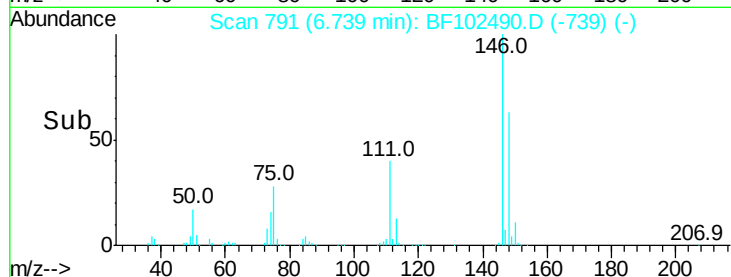
111 40.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 27.870 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

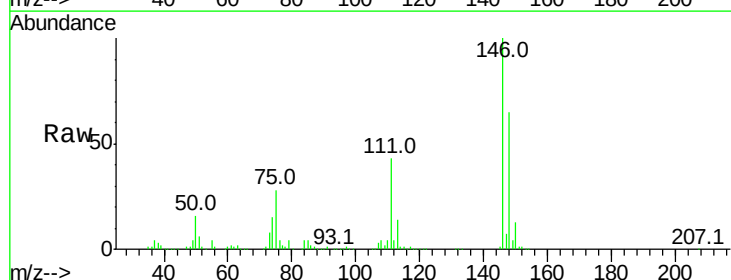
Tgt Ion:146 Resp: 347350

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

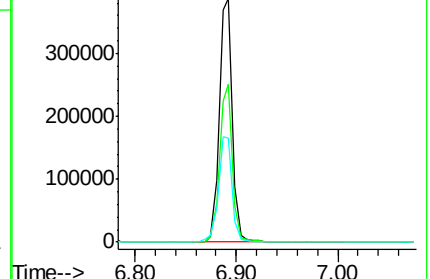
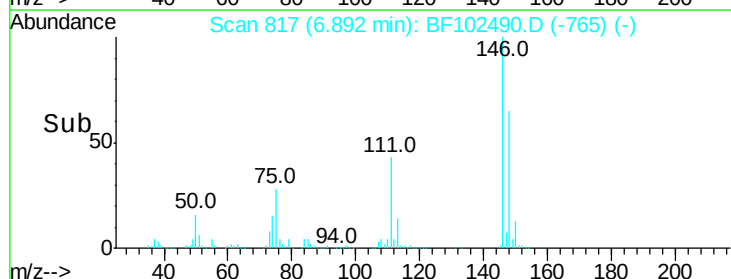
111 42.9 36.0 54.0

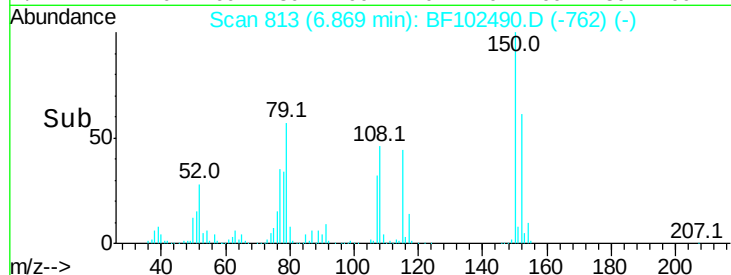
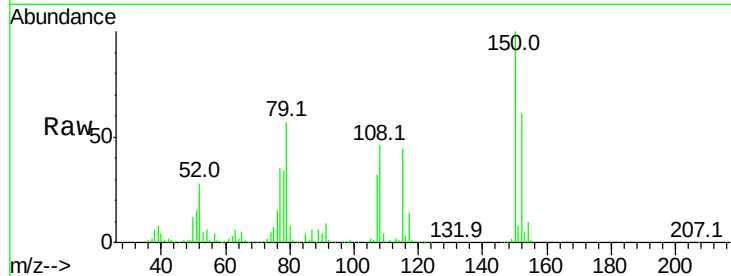
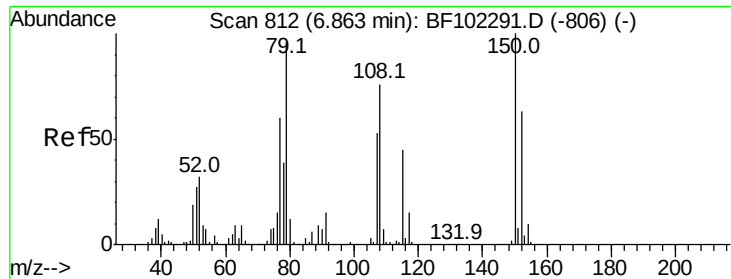


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

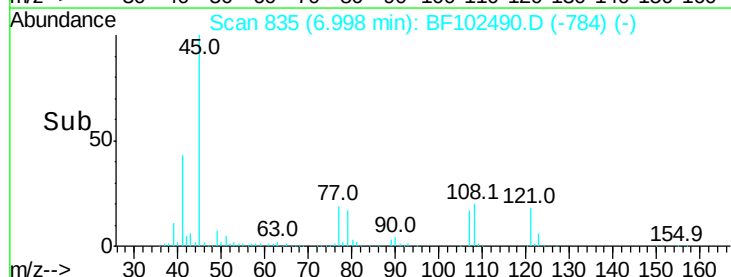
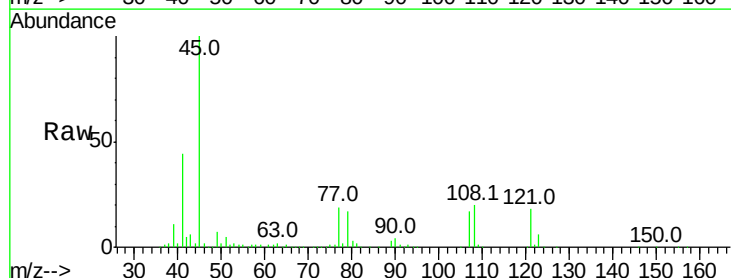
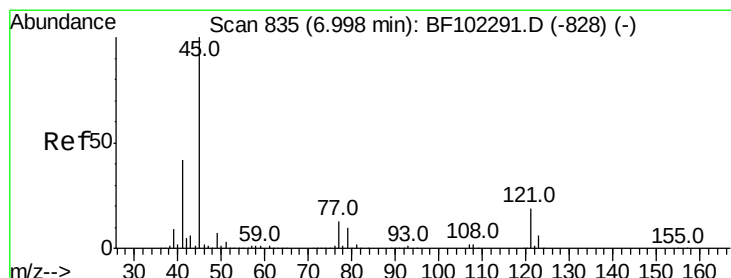
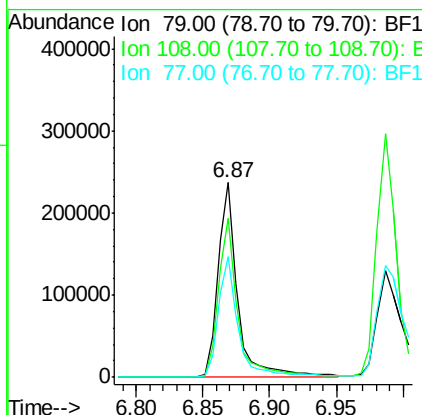




#15
Benzyl Alcohol
Concen: 26.724 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

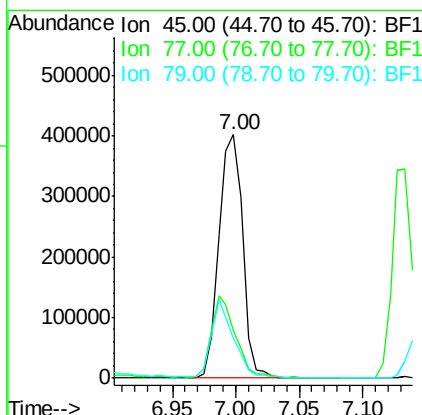
Instrument :
BNA_F
ClientSampled :

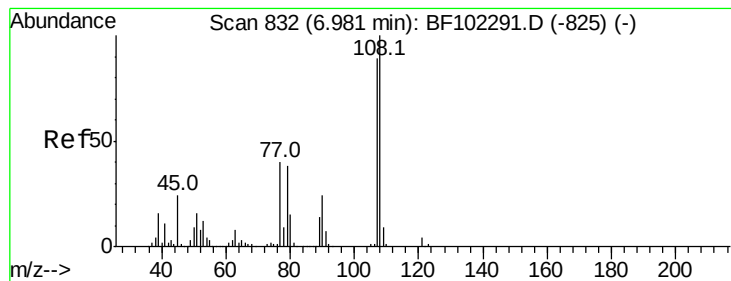
Tot Ion: 79 Resp: 248023
Ion Ratio Lower Upper
79 100
108 81.6 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.741 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion: 45 Resp: 526479
Ion Ratio Lower Upper
45 100
77 19.5 0.0 32.9
79 16.6 0.0 29.6

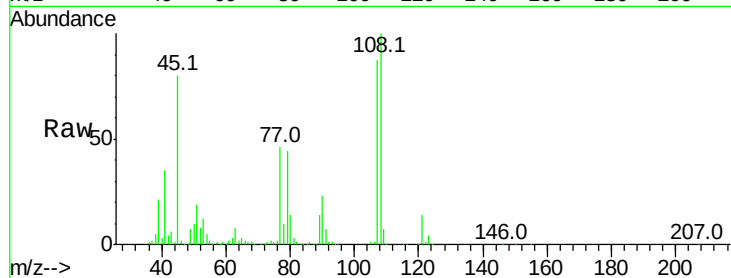




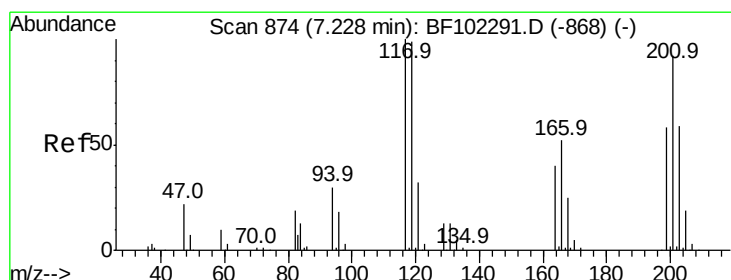
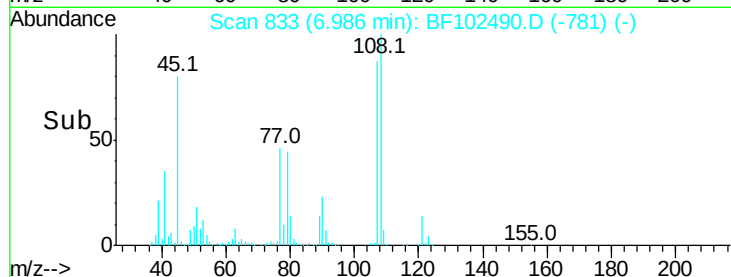
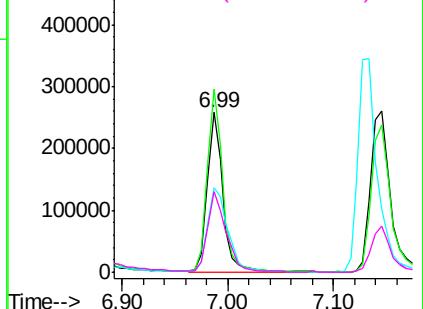
#17
2-Methylphenol
Concen: 26.634 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 264564
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 52.7 33.8 50.8#
79 50.2 33.8 50.8

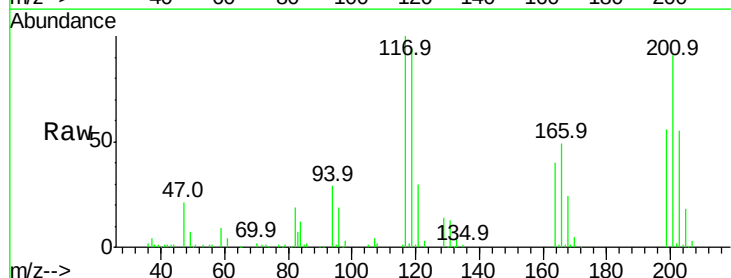


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

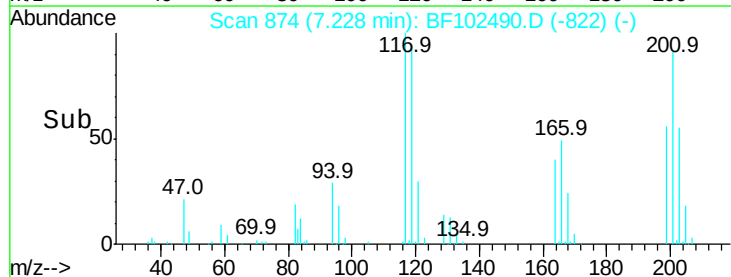
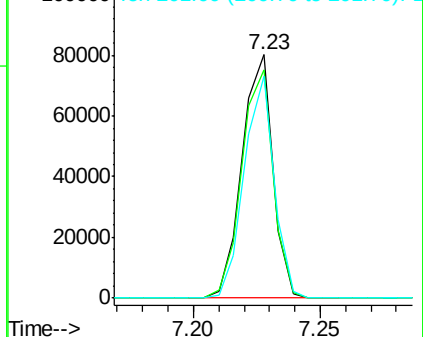


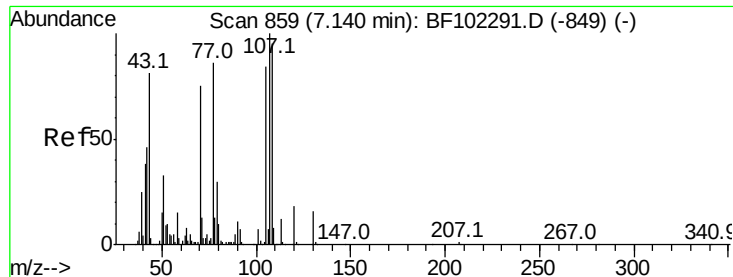
#18
Hexachloroethane
Concen: 14.314 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:117 Resp: 67963
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
201 90.9 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

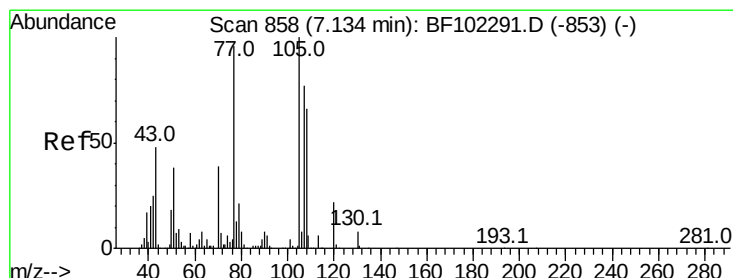
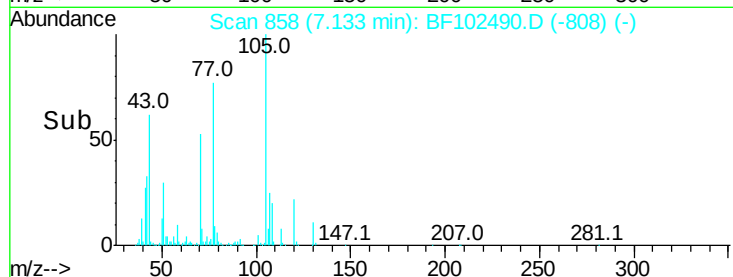
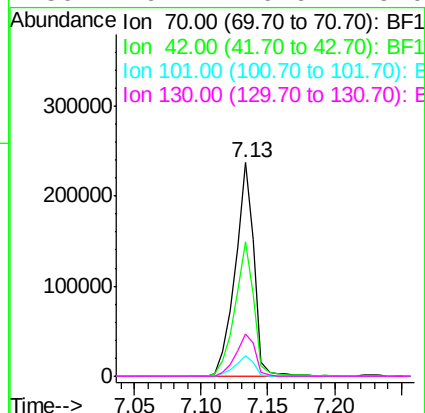
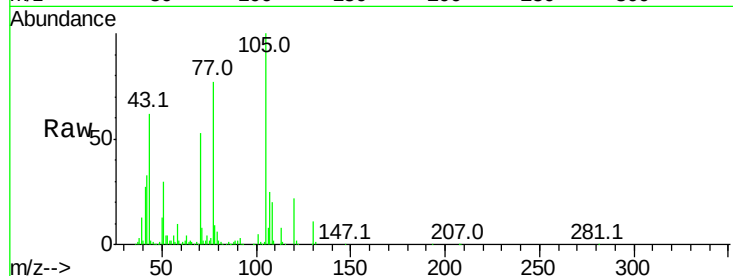




#19
n-Nitroso-di-n-propylamine
Concen: 29.209 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

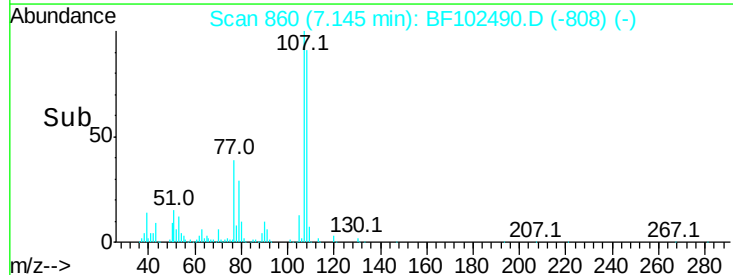
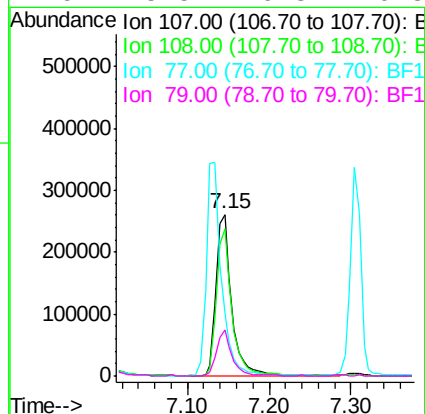
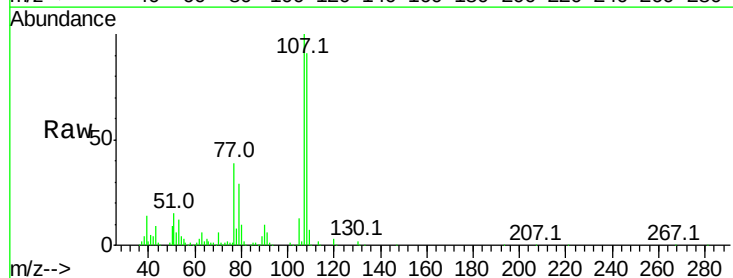
Instrument :
BNA_F
ClientSampleId :

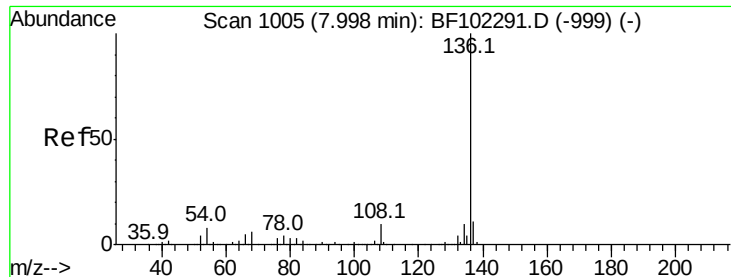
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.5	71.3
101	9.4	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.857 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	38.7	26.7	66.7
79	28.5	6.3	46.3

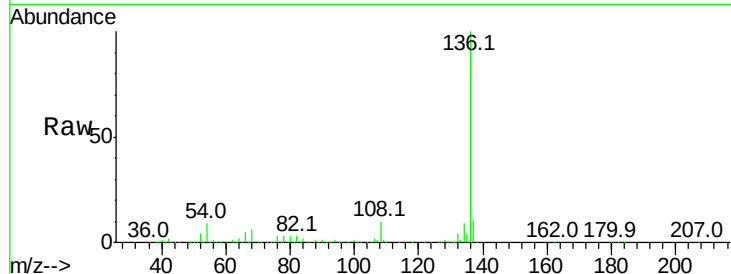




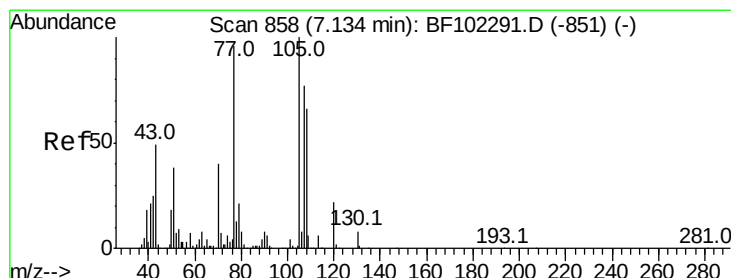
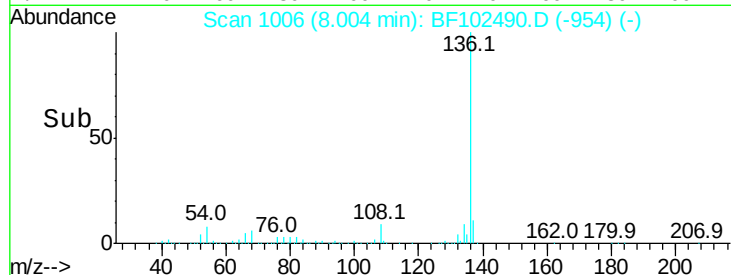
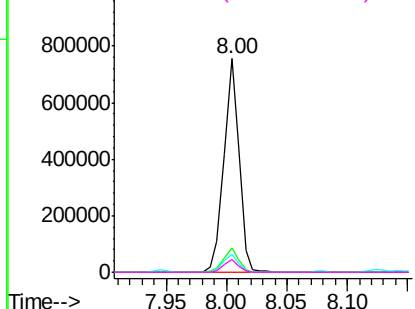
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	658234
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 8.5	6.6	9.8
68 6.1	5.0	7.4

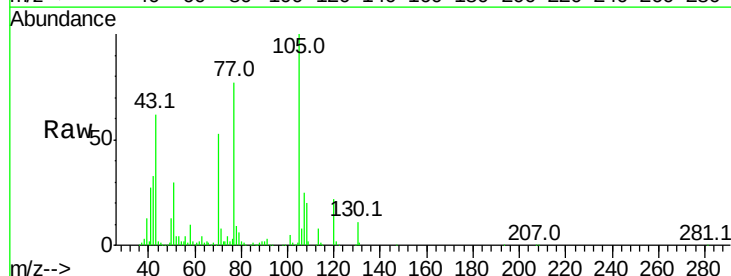


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

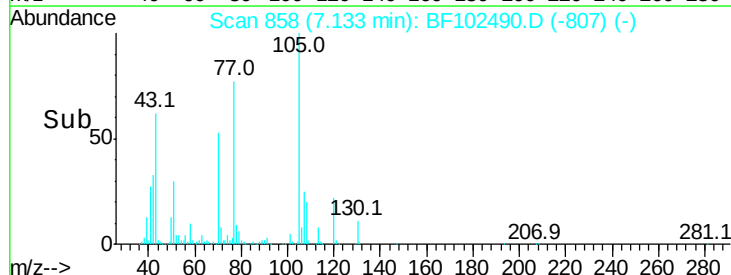
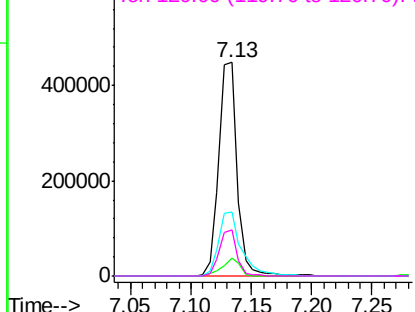


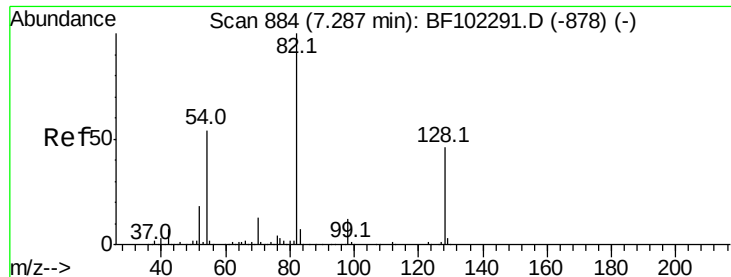
#22
Acetophenone
Concen: 29.907 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:105	Resp:	469271
Ion Ratio	Lower	Upper
105 100		
71 8.3	4.4	6.6#
51 30.0	22.3	33.5
120 21.9	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

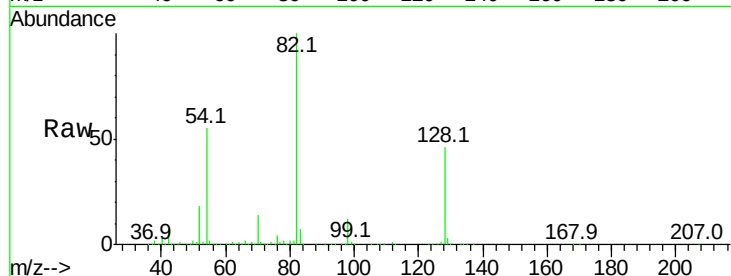




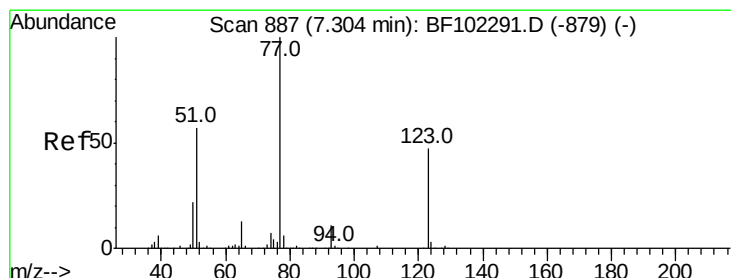
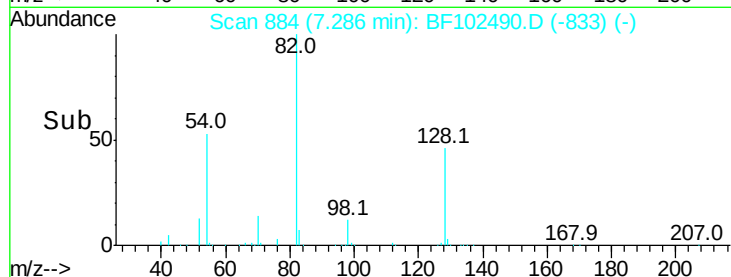
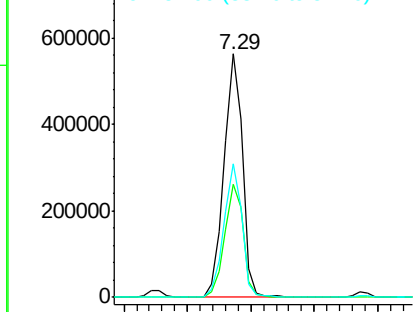
#23
 Nitrobenzene-d5
 Concen: 49.872 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 571242
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 54.8 41.4 62.2

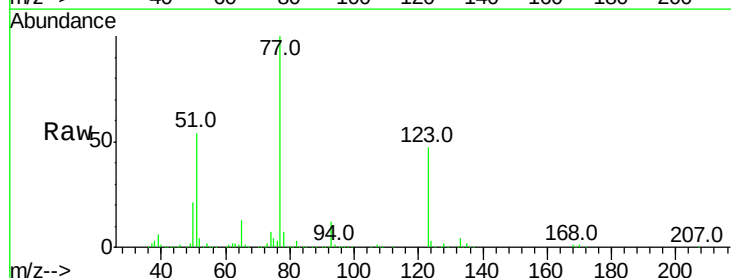


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

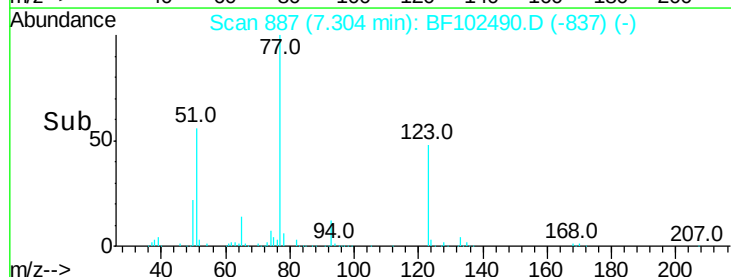
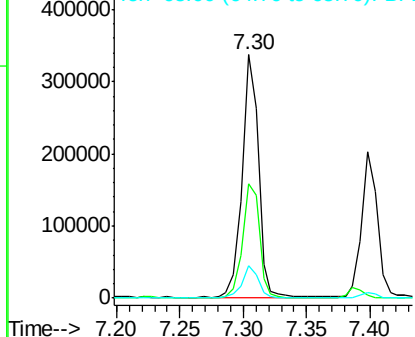


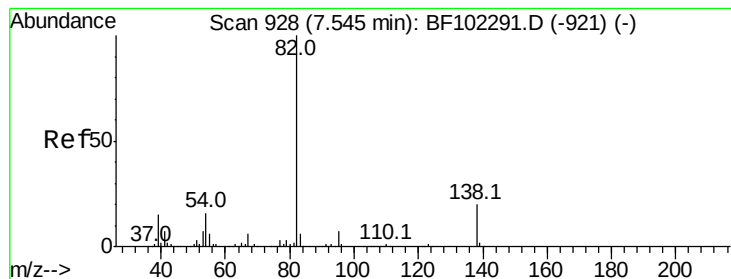
#24
 Nitrobenzene
 Concen: 25.417 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion: 77 Resp: 297939
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.9 56.9
 65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 30.381 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

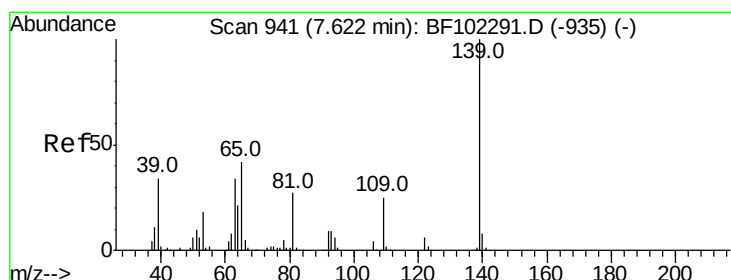
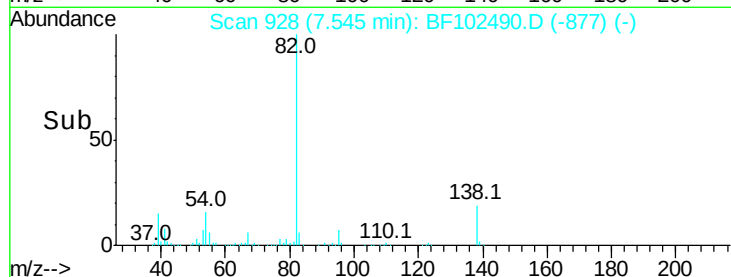
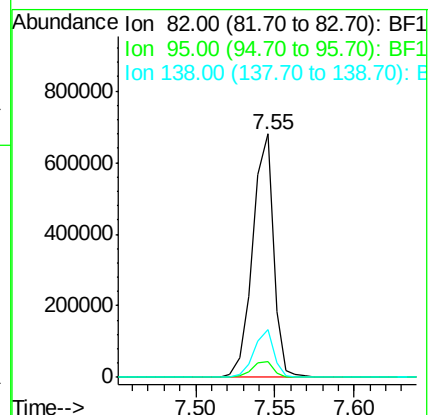
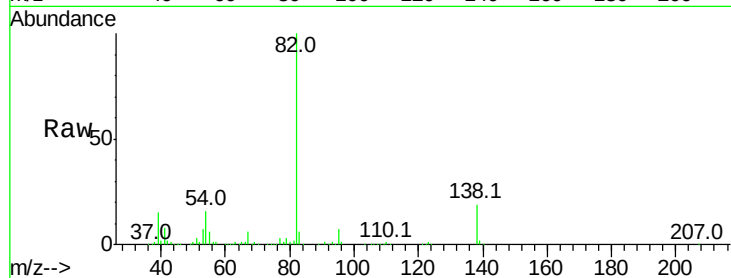
Tot Ion: 82 Resp: 620376

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 5.968 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

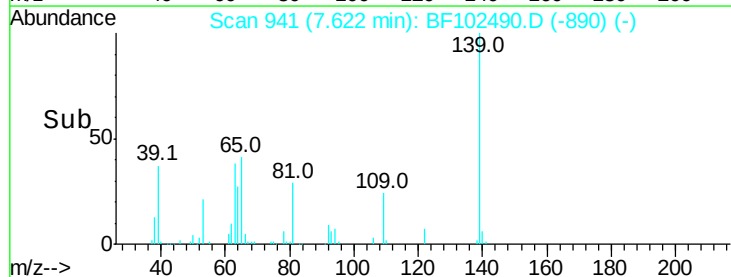
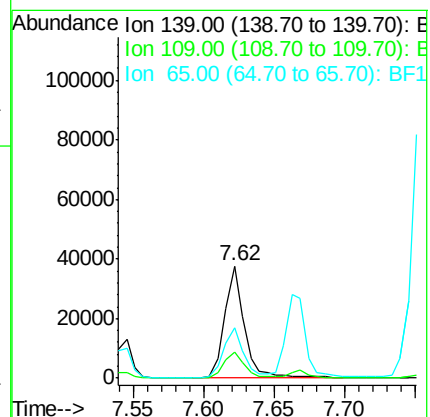
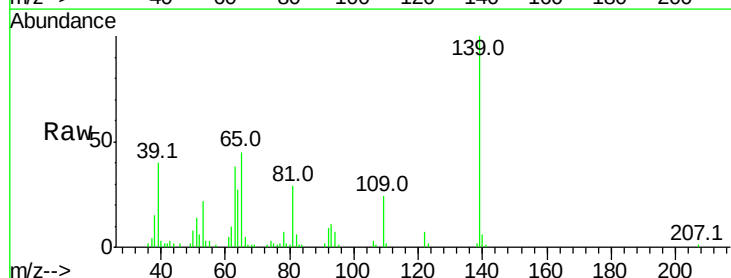
Tgt Ion: 139 Resp: 36817

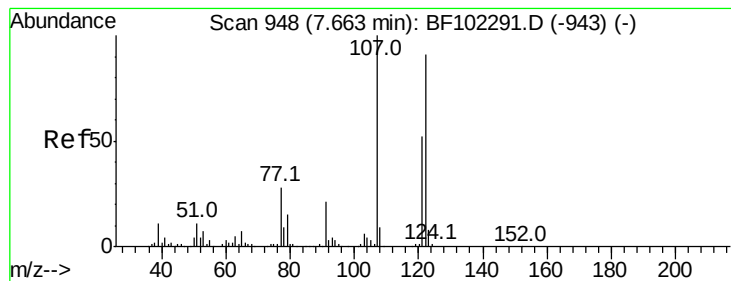
Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

65 45.1 40.5 60.7

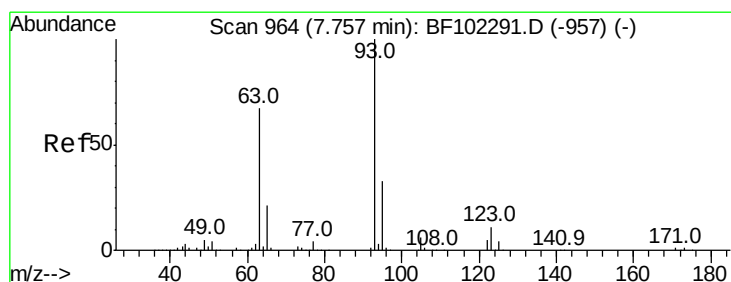
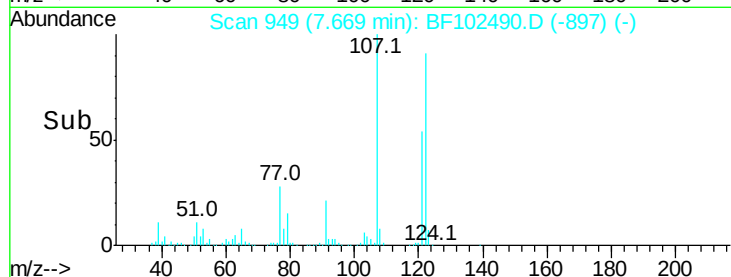
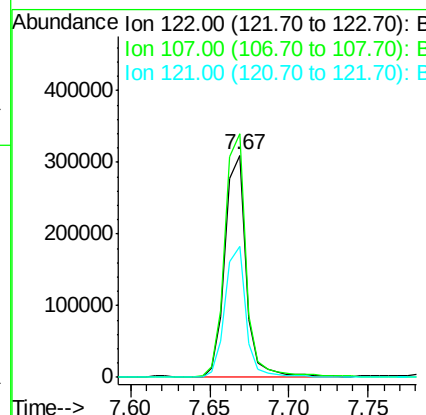
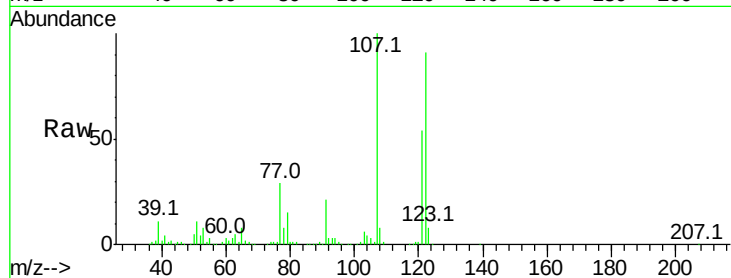




#27
 2,4-Dimethylphenol
 Concen: 32.581 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

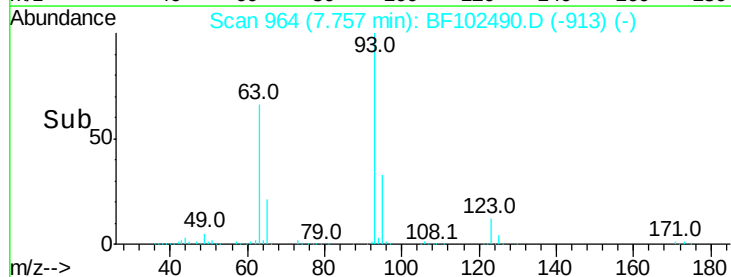
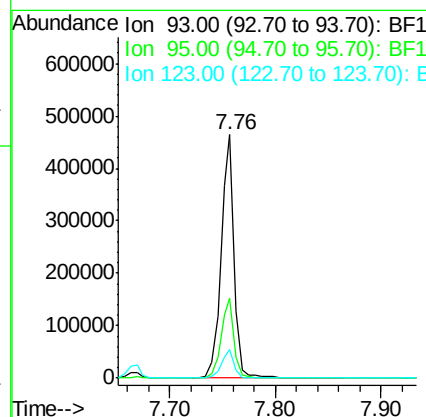
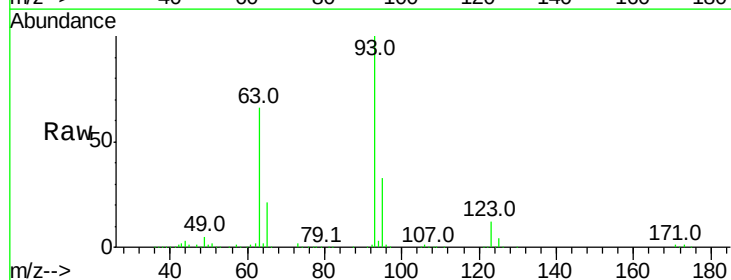
Instrument :
 BNA_F
 ClientSampleId :

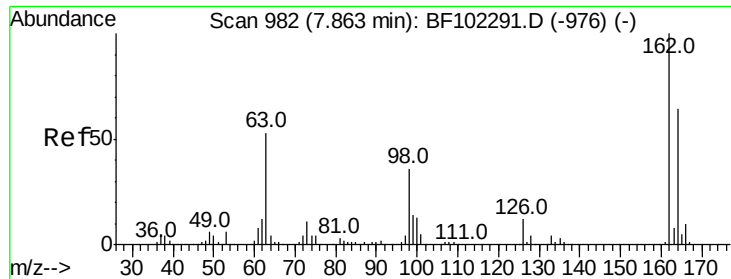
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	91.2	136.8
121	58.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.507 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	12.0	9.8	14.6

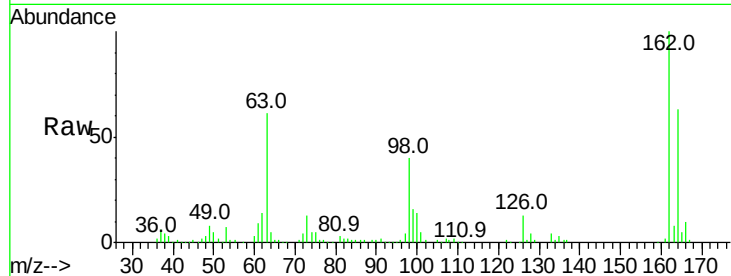




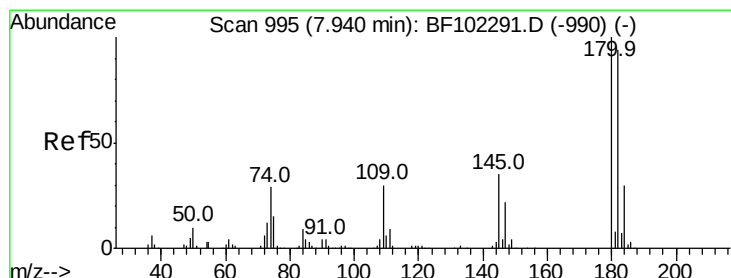
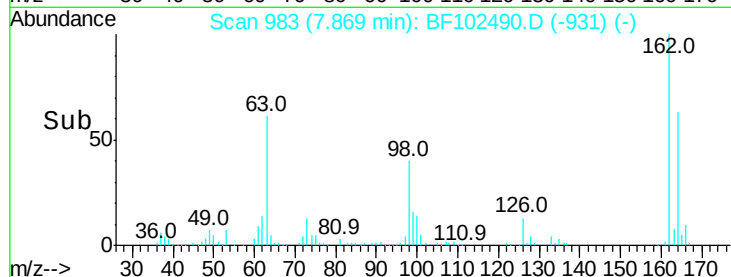
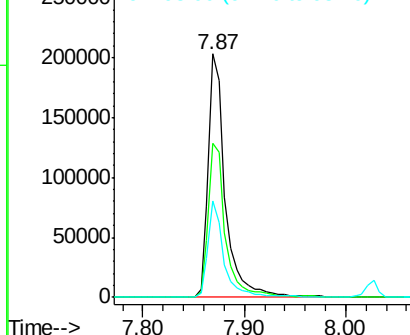
#29
2,4-Dichlorophenol
Concen: 26.098 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	39.5	18.1	58.1

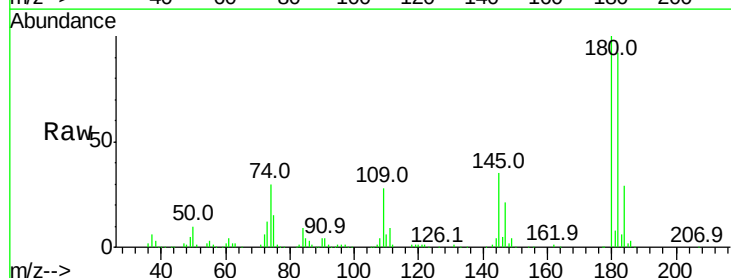


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

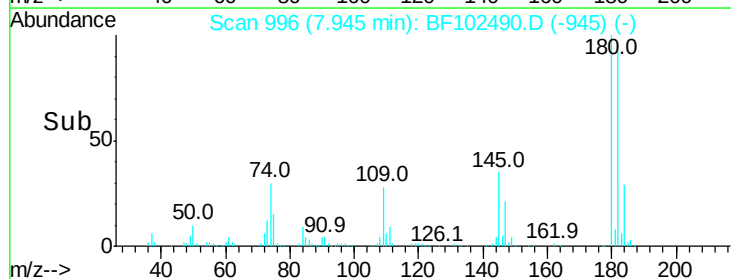
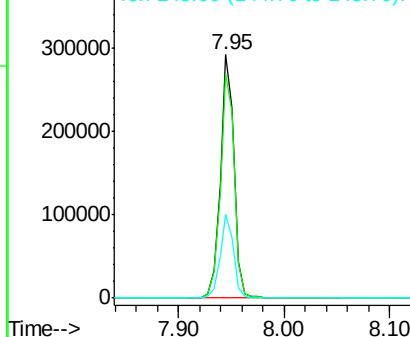


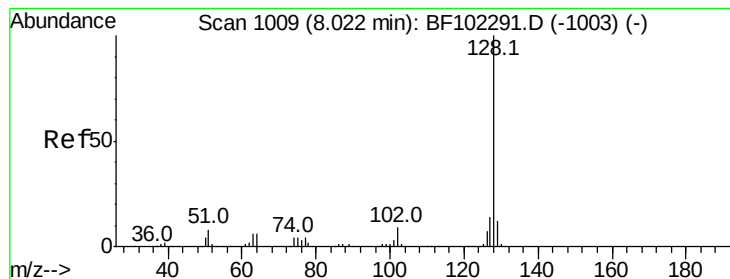
#30
1,2,4-Trichlorobenzene
Concen: 27.225 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.8	115.2
145	34.6	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: 28.419 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

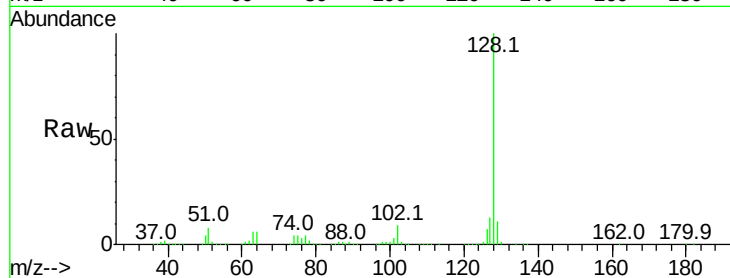
Tot Ion:128 Resp: 933982

Ion Ratio Lower Upper

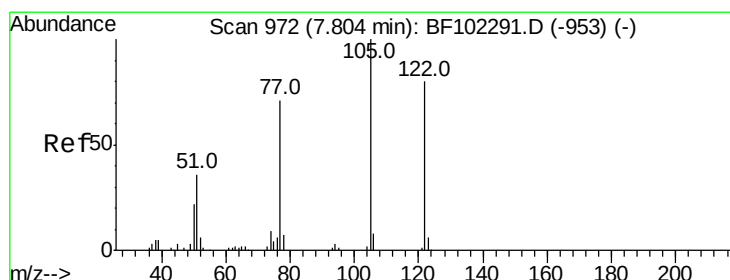
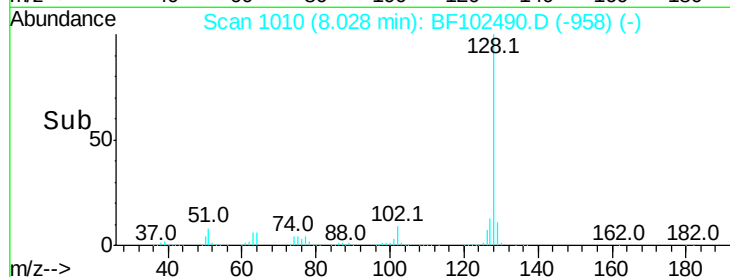
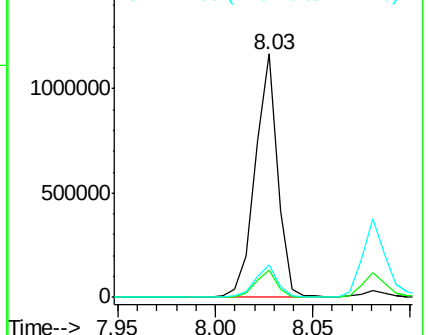
128 100

129 11.1 8.8 13.2

127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.545 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

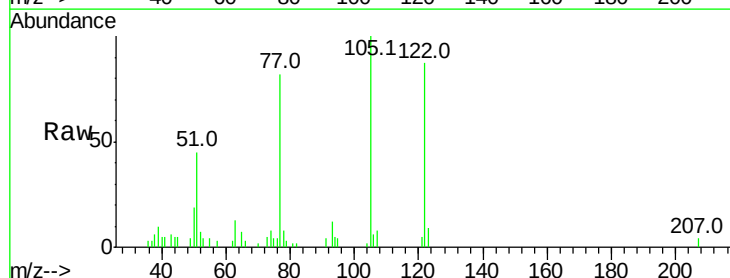
Tgt Ion:122 Resp: 41616

Ion Ratio Lower Upper

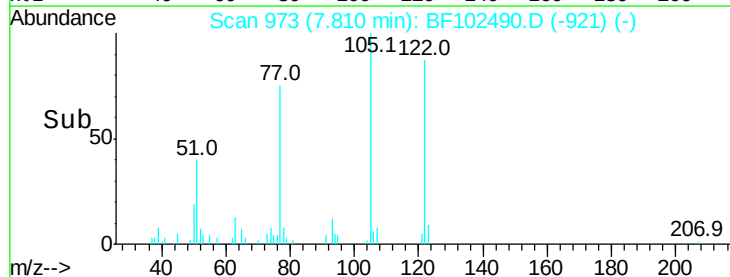
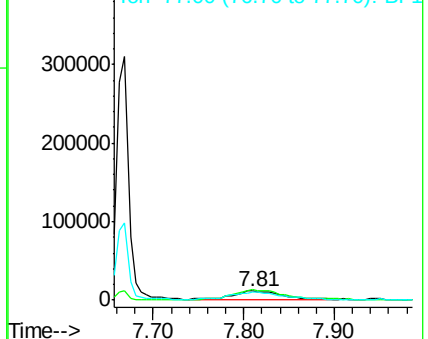
122 100

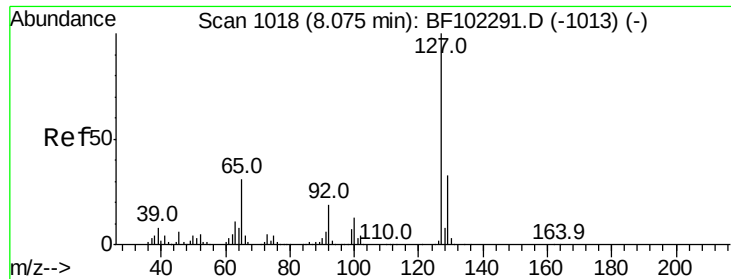
105 115.4 101.1 141.1

77 94.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

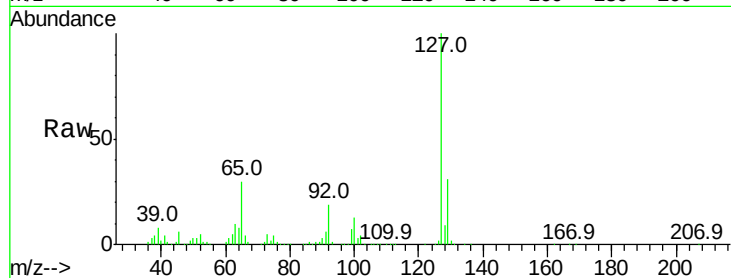




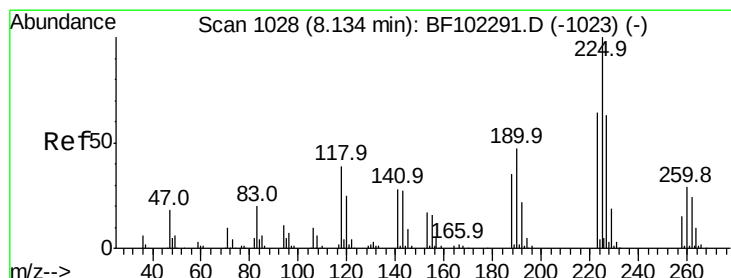
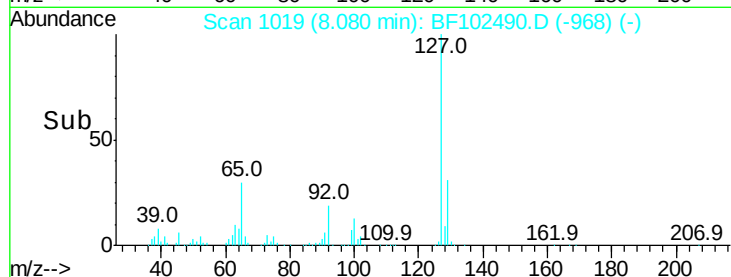
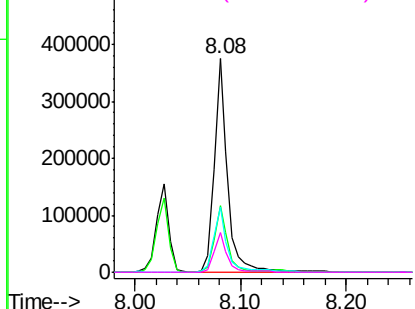
#33
4-Chloroaniline
Concen: 23.930 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	330710
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	30.4	25.0	37.4
92	18.8	15.2	22.8

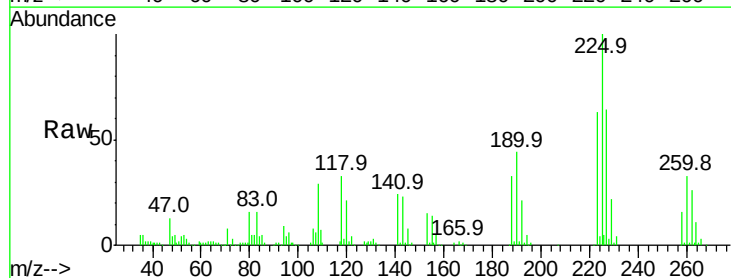


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

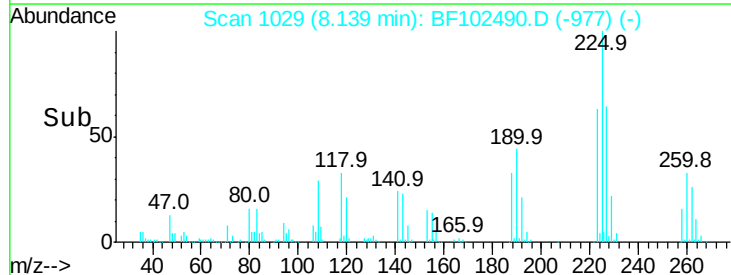
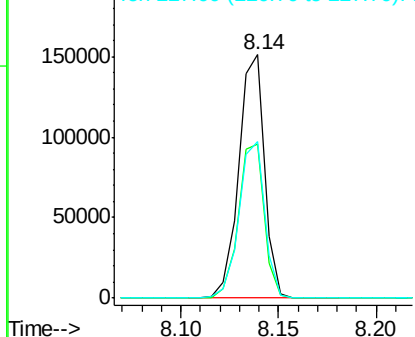


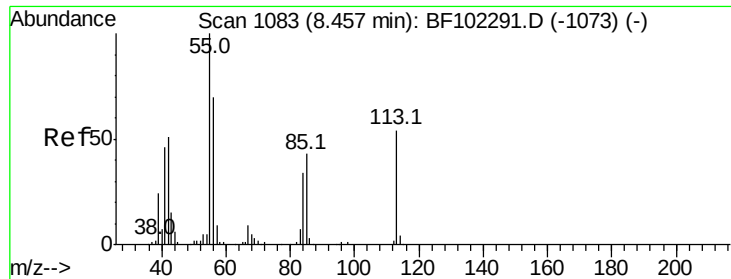
#34
Hexachlorobutadiene
Concen: 26.401 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:	225	Resp:	137925
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.5	51.9	77.9



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

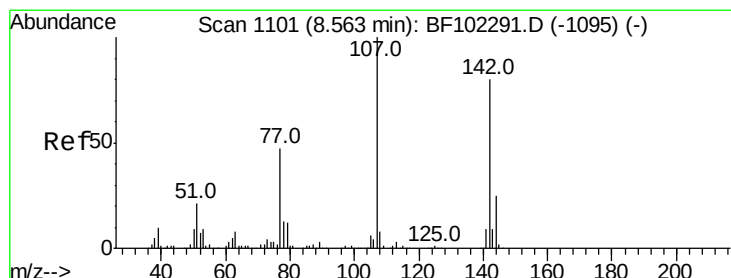
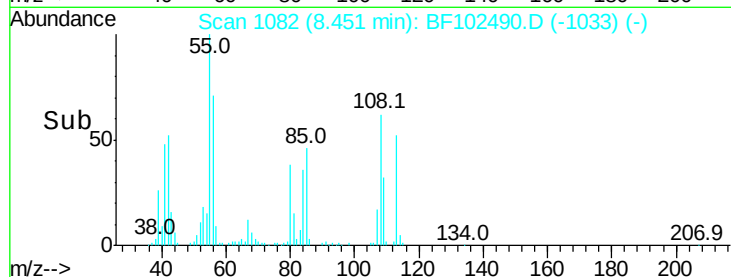
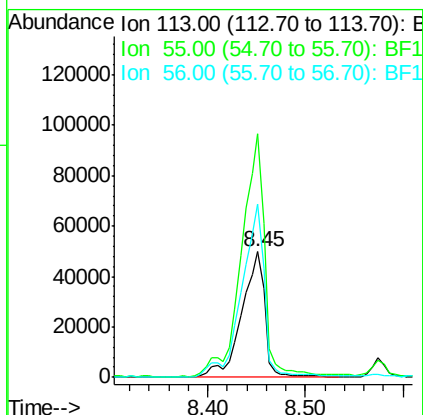
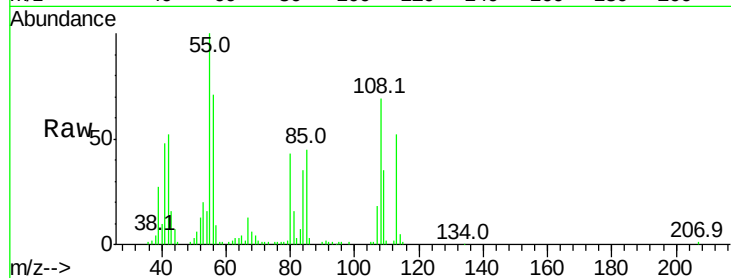




#35
 Caprolactam
 Concen: 27.286 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

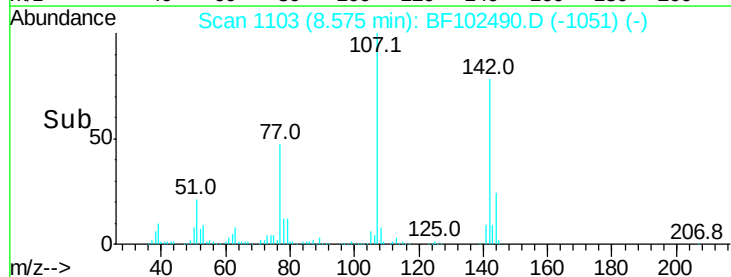
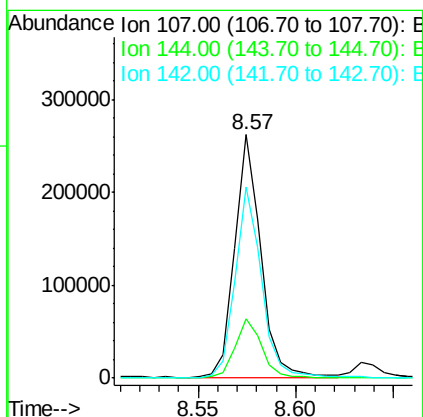
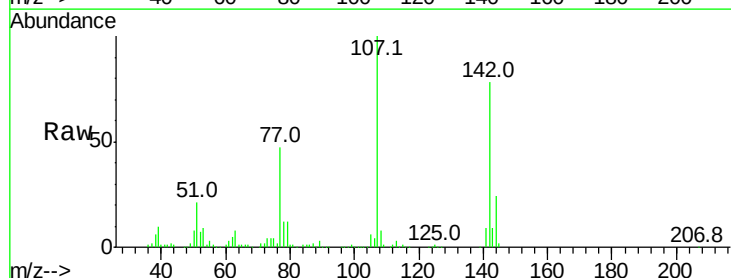
Instrument :
 BNA_F
 ClientSampleId :

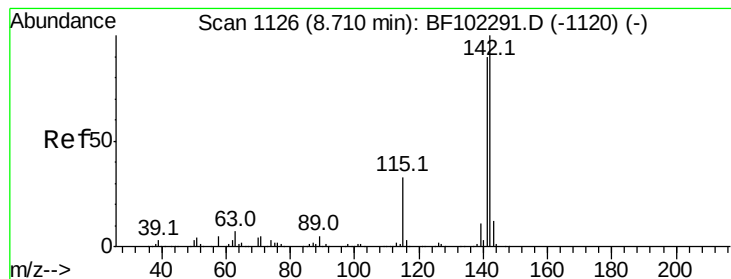
Tot Ion:113 Resp: 82231
 Ion Ratio Lower Upper
 113 100
 55 193.8 163.3 203.3
 56 137.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 25.224 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion:107 Resp: 242620
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 78.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 28.043 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

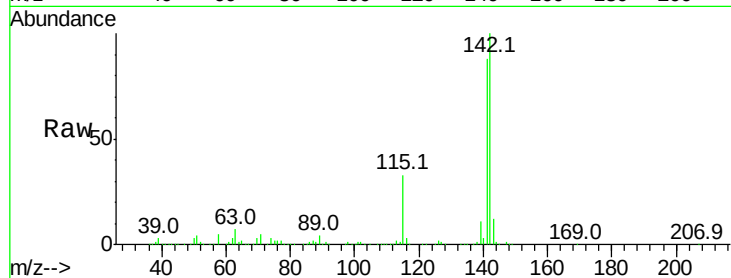
Tot Ion:142 Resp: 613766

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

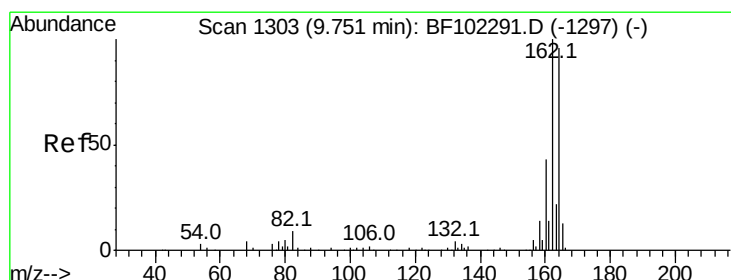
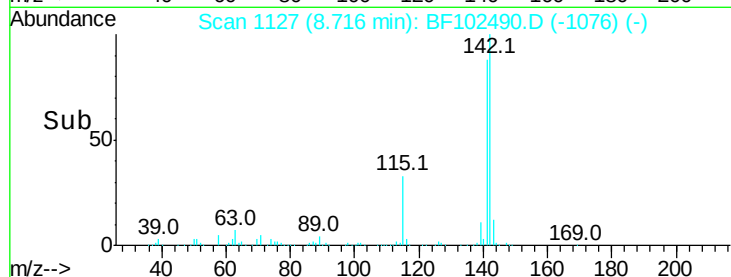
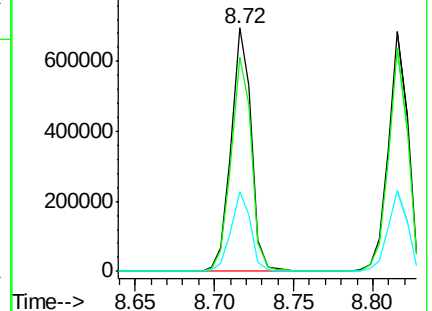
115 32.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

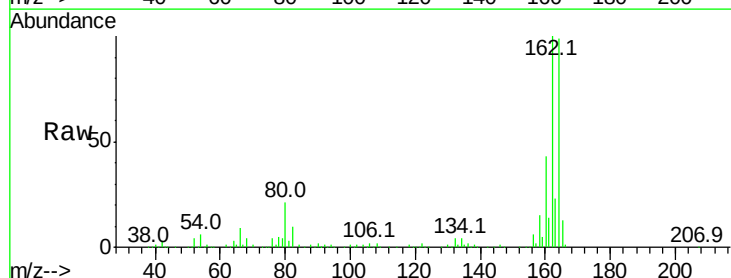
Tgt Ion:164 Resp: 262312

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

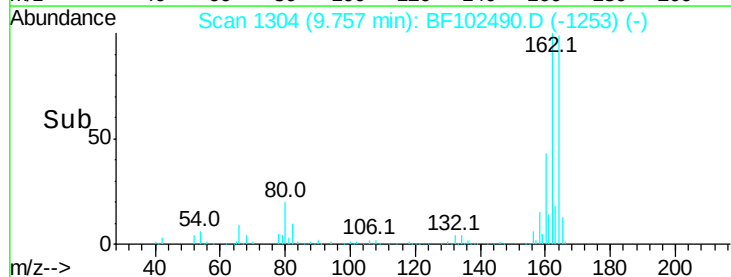
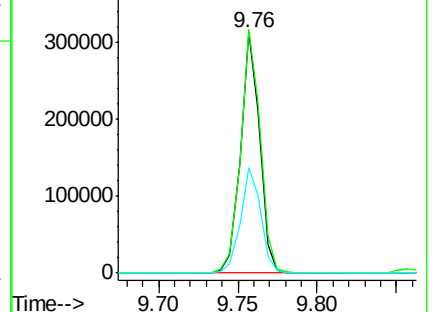
160 43.7 38.3 57.5

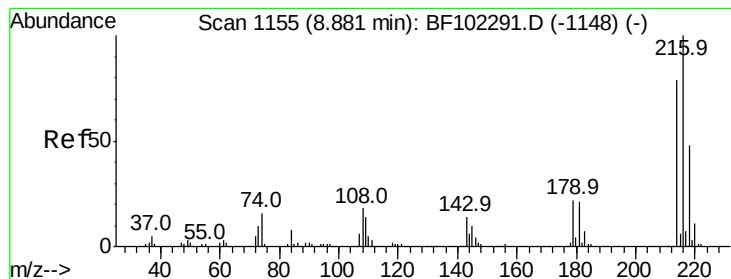


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.731 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 234631

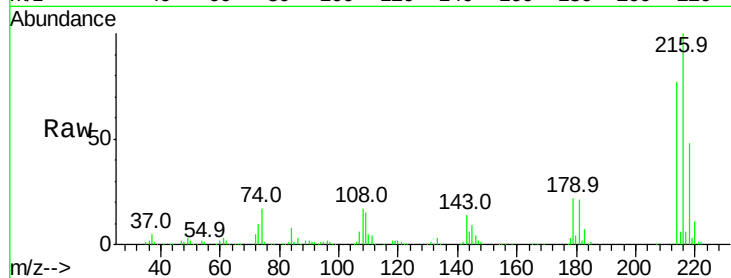
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.6 18.1 27.1

108 21.2 17.2 25.8

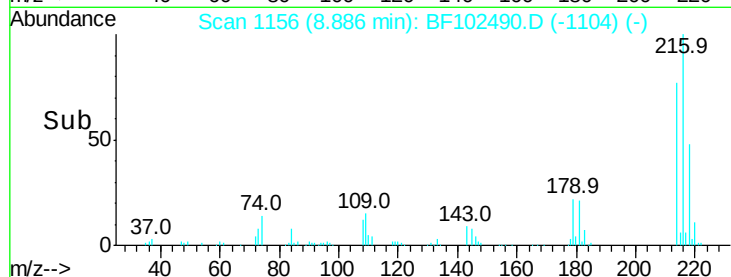


Abundance Ion 216.00 (215.70 to 216.70): E

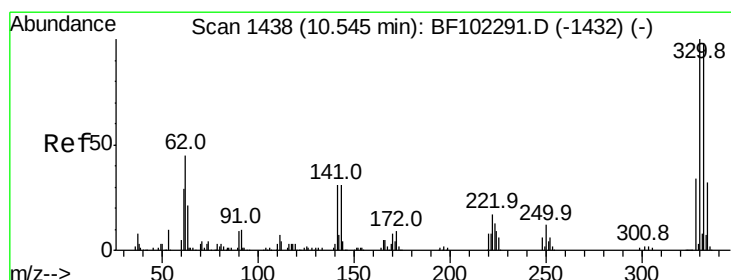
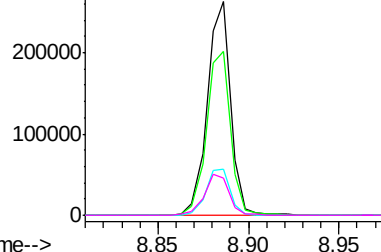
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 33.268 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

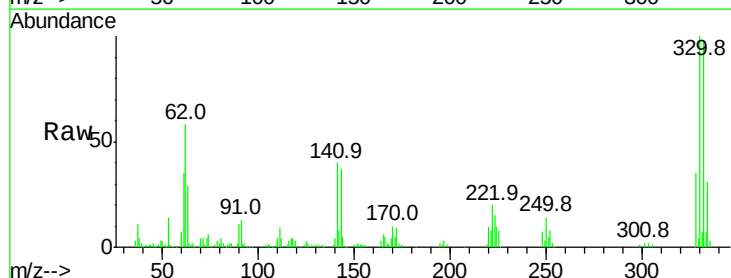
Tgt Ion:330 Resp: 86469

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

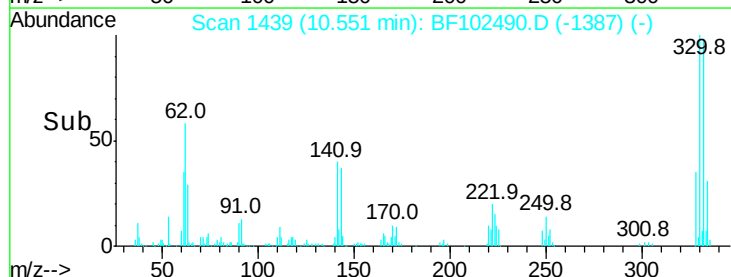
141 42.0 29.9 44.9



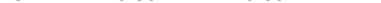
Abundance Ion 329.80 (329.50 to 330.50): E

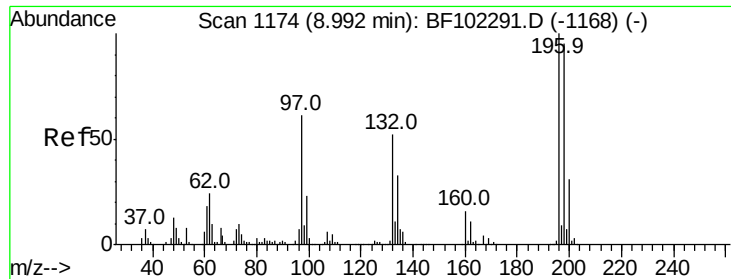
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#42

2,4,6-Trichlorophenol

Concen: 23.295 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampled :

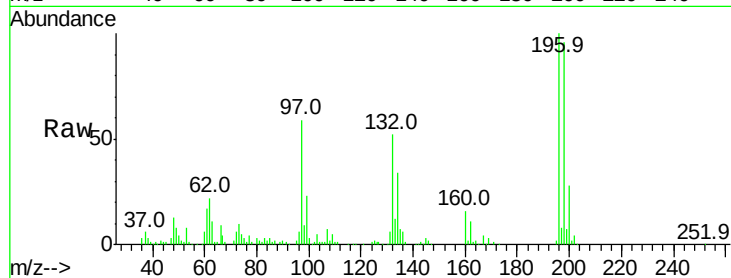
Tot Ion:196 Resp: 123070

Ion Ratio Lower Upper

196 100

198 95.5 75.7 113.5

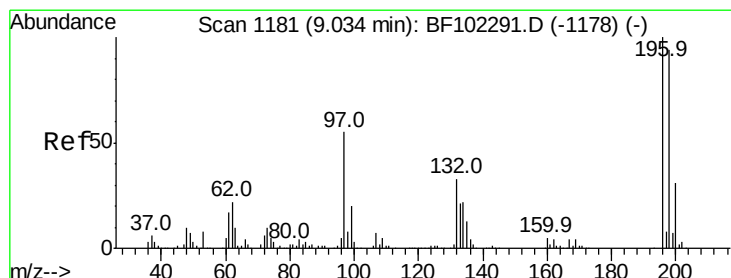
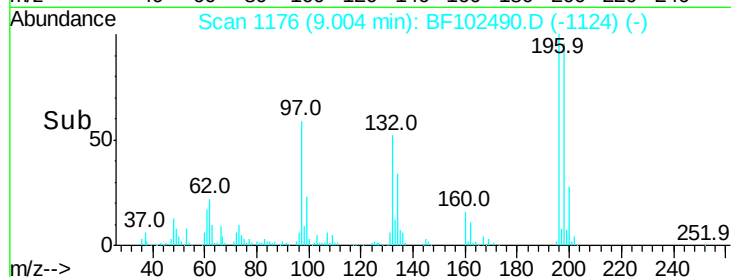
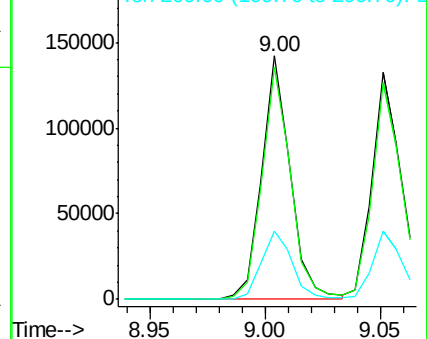
200 27.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 21.381 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Tgt Ion:196 Resp: 127182

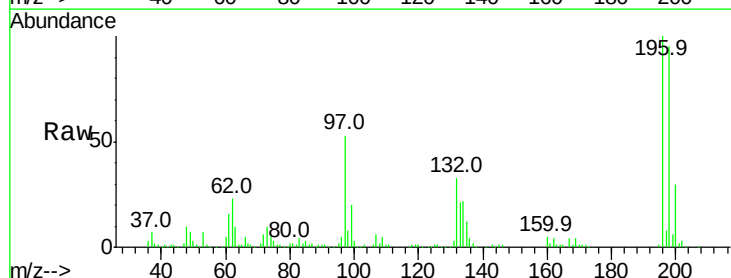
Ion Ratio Lower Upper

196 100

198 95.4 74.6 112.0

97 52.7 42.9 64.3

132 33.5 26.3 39.5

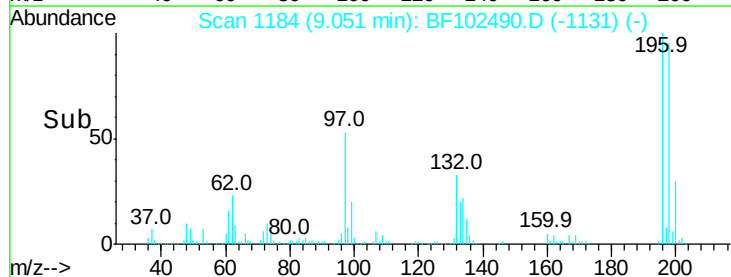
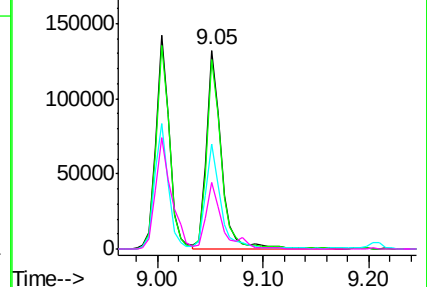


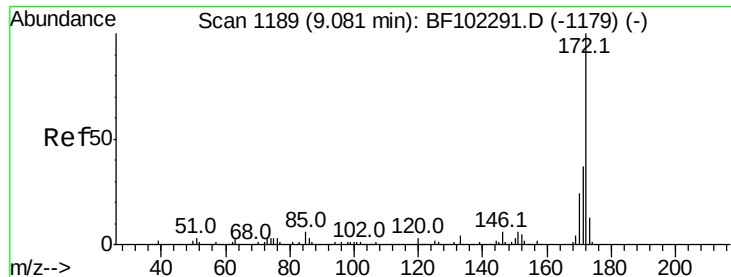
Abundance Ion 196.00 (195.70 to 196.70): E

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

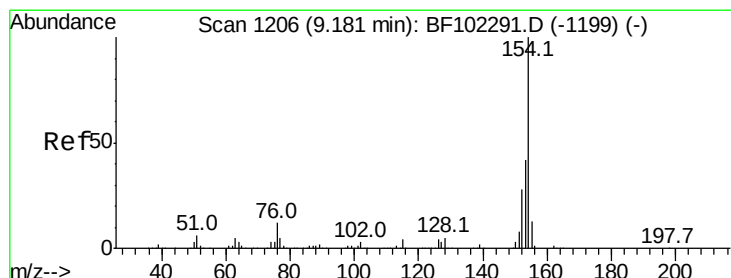
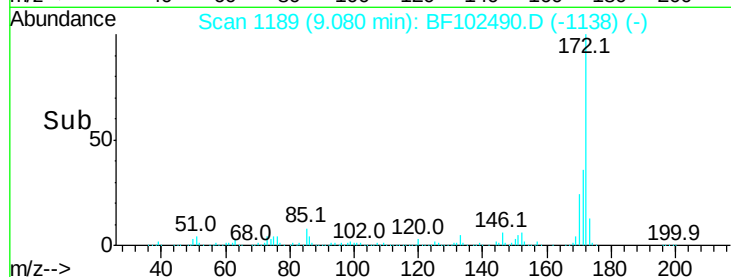
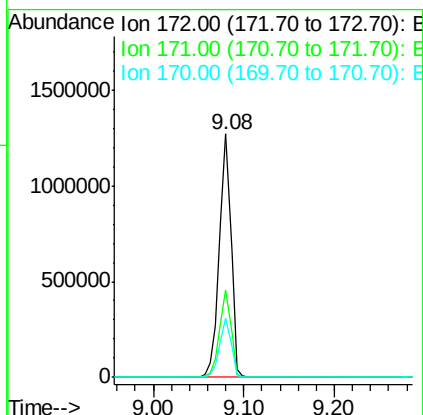
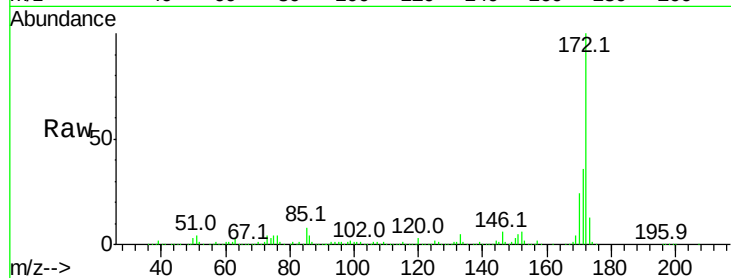




#44
2-Fluorobiphenyl
Concen: 62.784 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

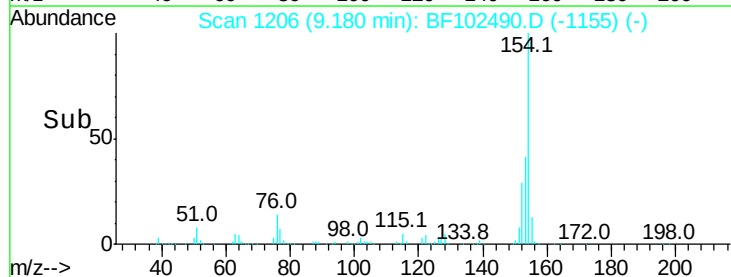
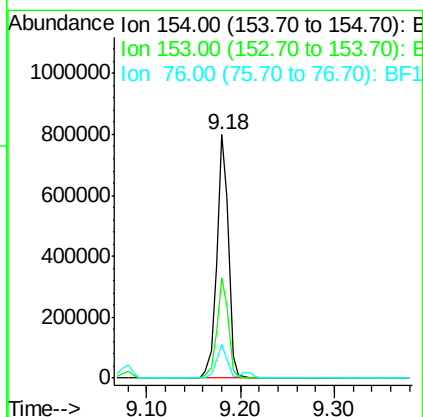
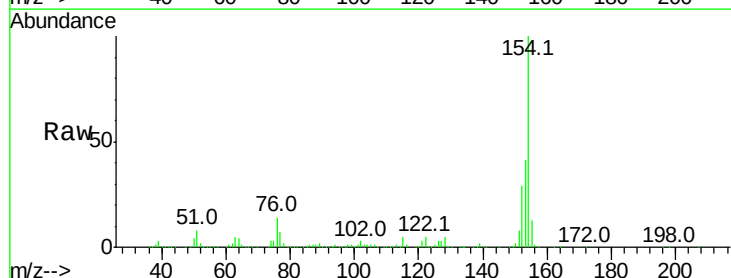
Instrument :
BNA_F
ClientSampleId :

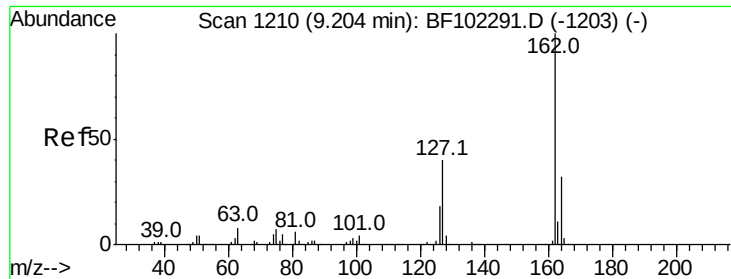
Tot Ion:172 Resp: 1120068
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 19.6 29.4



#45
1,1'-Biphenyl
Concen: 29.837 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:154 Resp: 699836
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 13.9 0.0 34.0

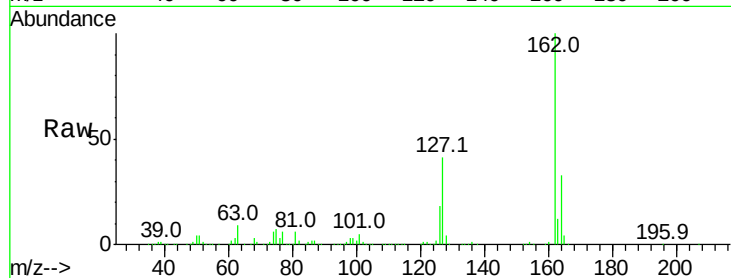




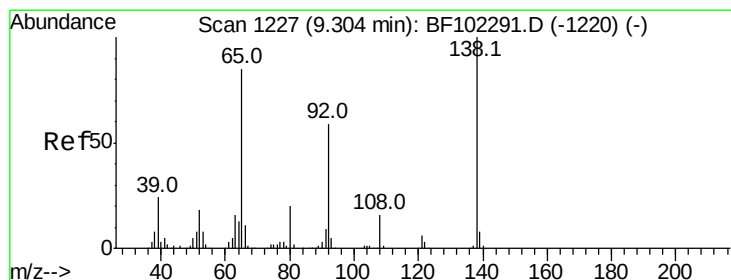
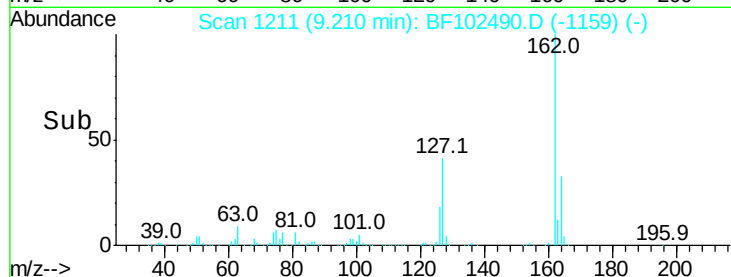
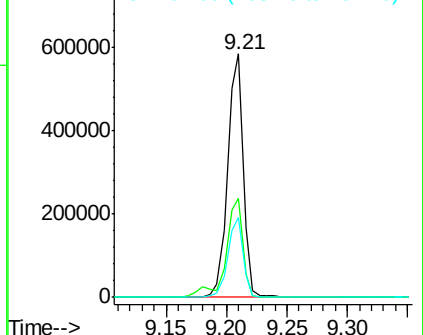
#46
 2-Chloronaphthalene
 Concen: 28.827 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	32.7	26.5	39.7

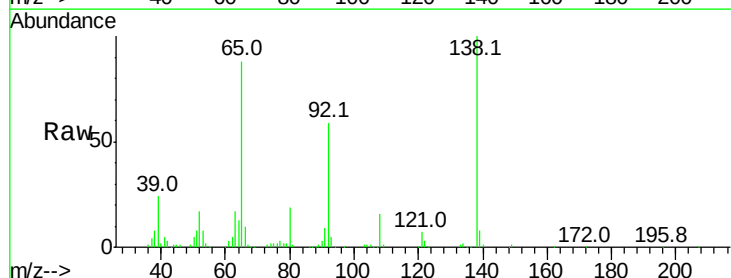


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

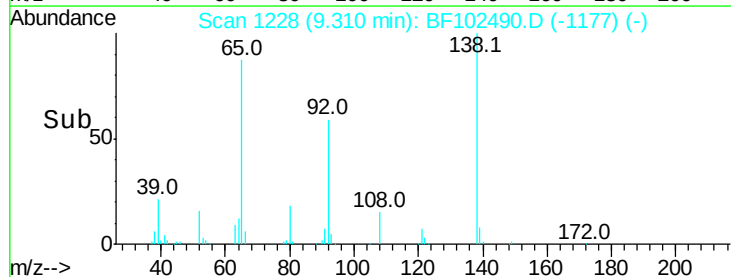
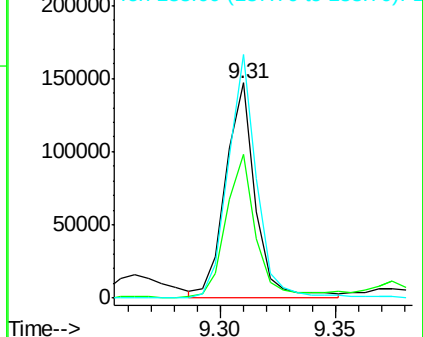


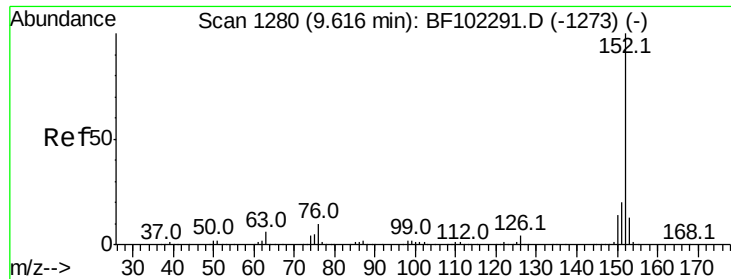
#47
 2-Nitroaniline
 Concen: 23.390 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	113.1	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 27.241 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

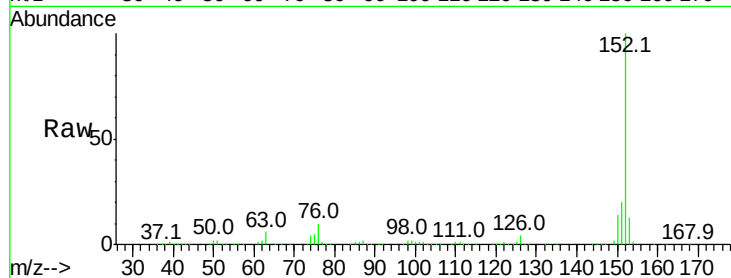
Tot Ion:152 Resp: 773740

Ion Ratio Lower Upper

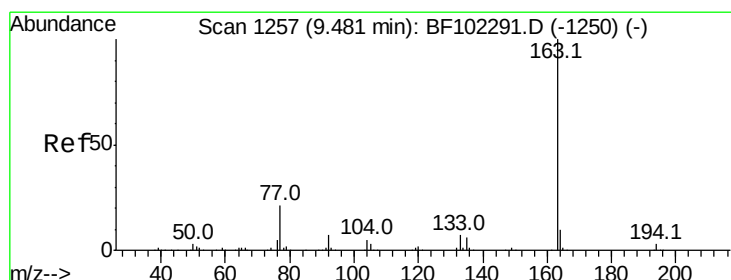
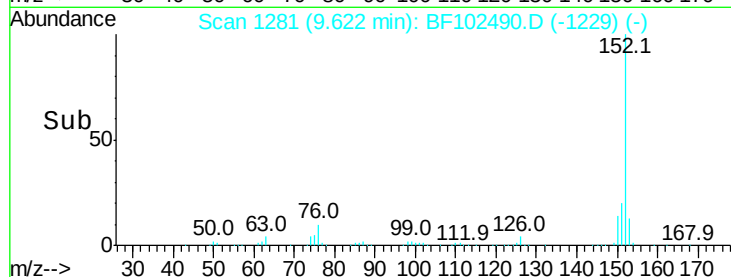
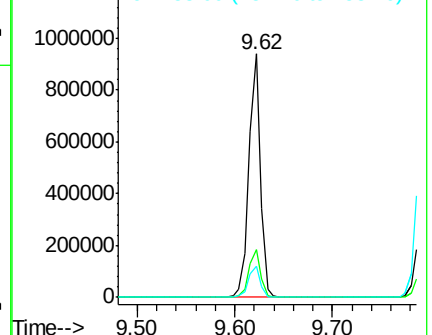
152 100

151 19.9 16.3 24.5

153 12.9 10.7 16.1



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



#49

Dimethylphthalate

Concen: 29.449 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

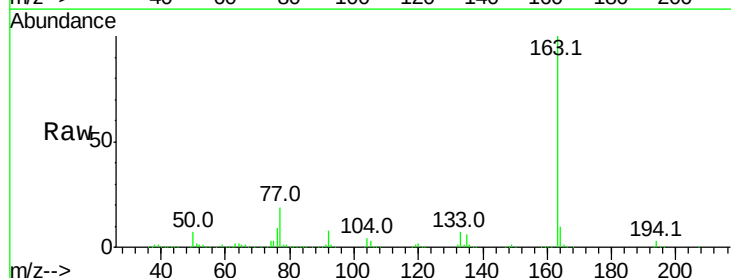
Tgt Ion:163 Resp: 638500

Ion Ratio Lower Upper

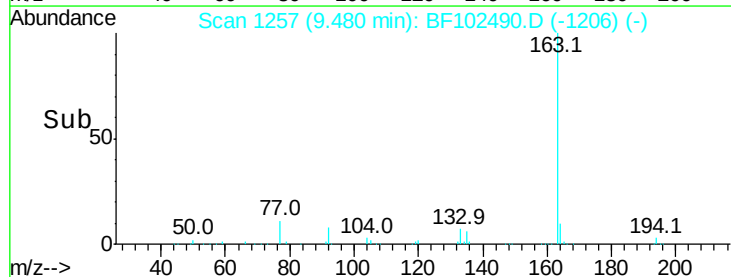
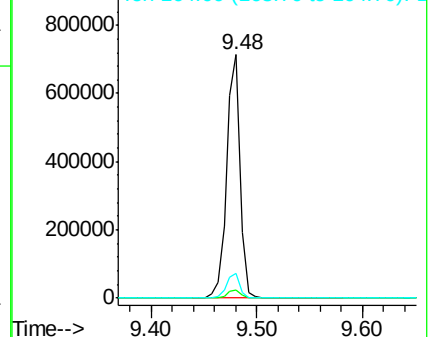
163 100

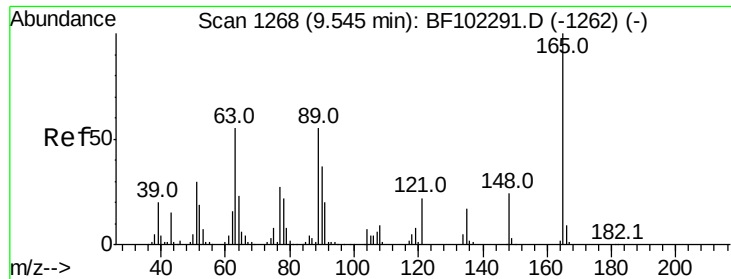
194 3.3 2.7 4.1

164 10.1 8.2 12.2



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

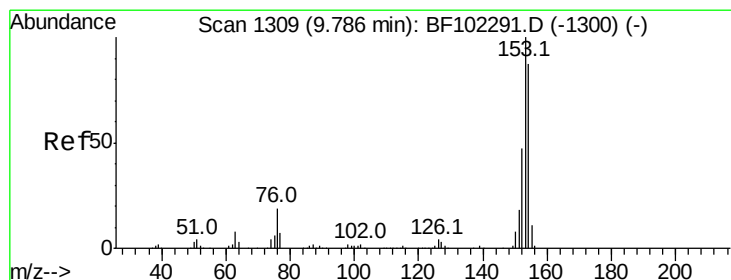
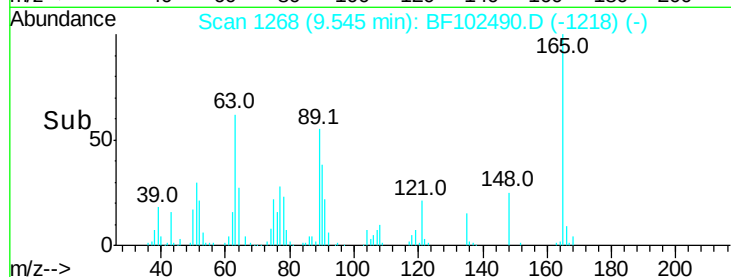
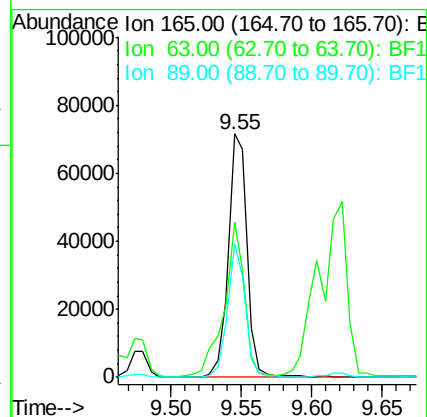
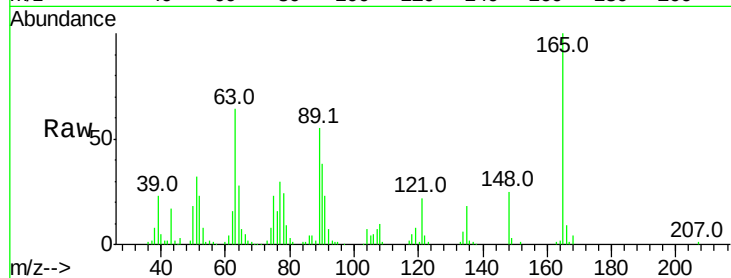




#50
 2,6-Dinitrotoluene
 Concen: 14.125 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

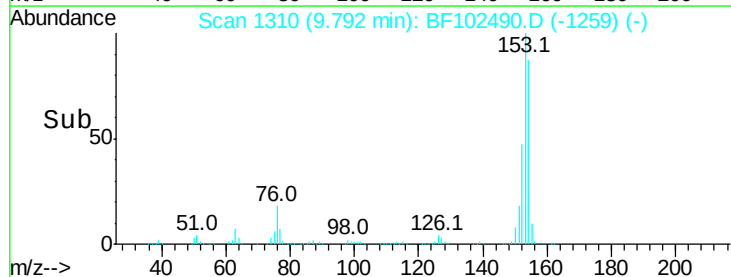
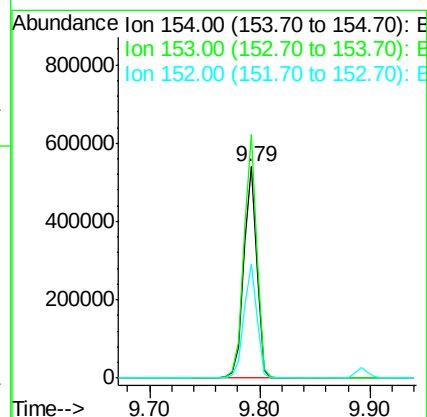
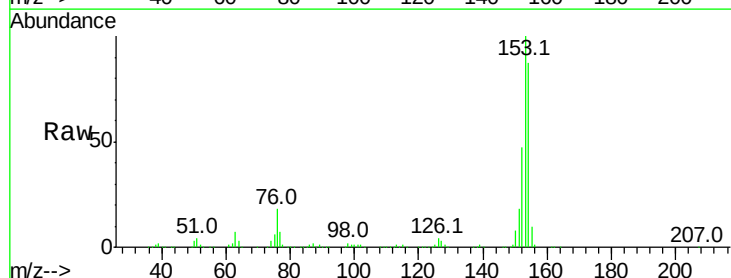
Instrument :
 BNA_F
 ClientSampled :

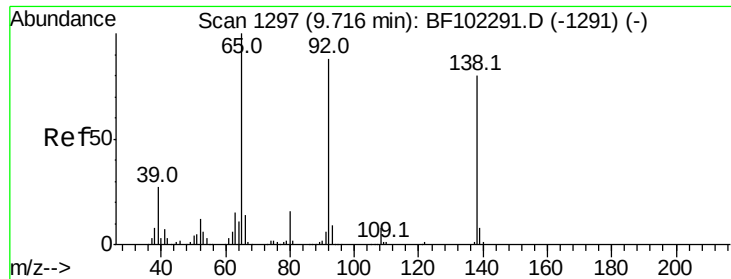
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.0	44.7	67.1
89	54.6	44.0	66.0



#51
 Acenaphthene
 Concen: 27.214 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	54.0	43.8	65.8

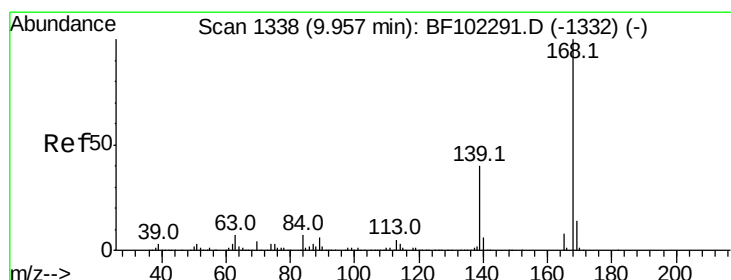
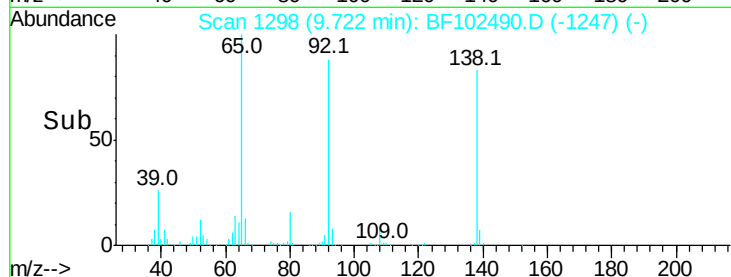
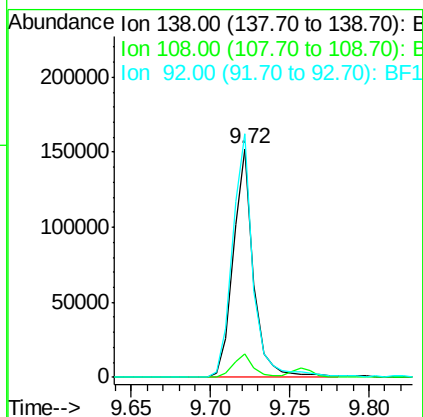
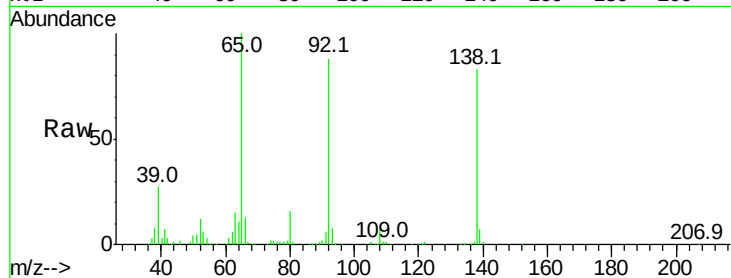




#52
3-Nitroaniline
Concen: 24.542 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

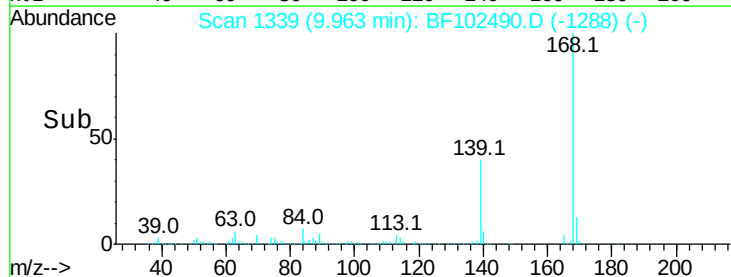
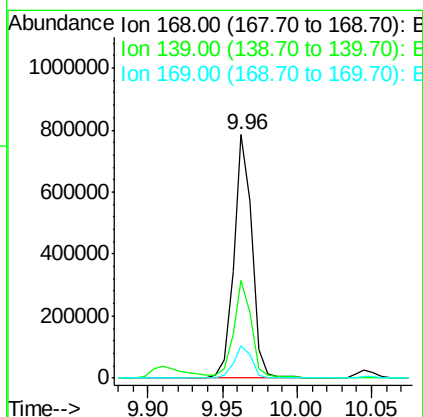
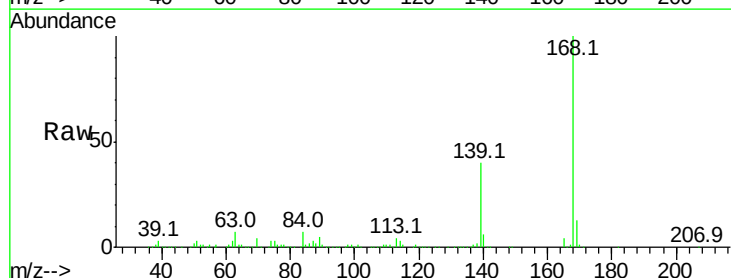
Instrument :
BNA_F
ClientSampleId :

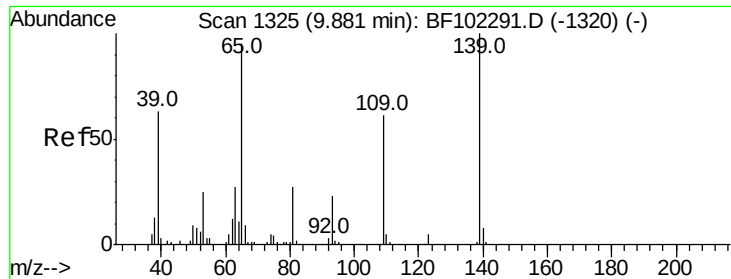
Tot Ion:138 Resp: 135715
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 106.4 89.4 134.2



#54
Dibenzofuran
Concen: 29.867 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:168 Resp: 670525
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.4 10.9 16.3

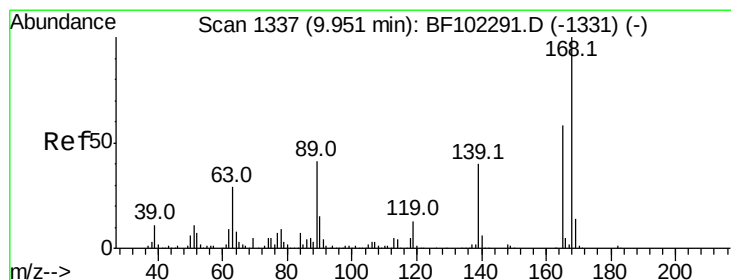
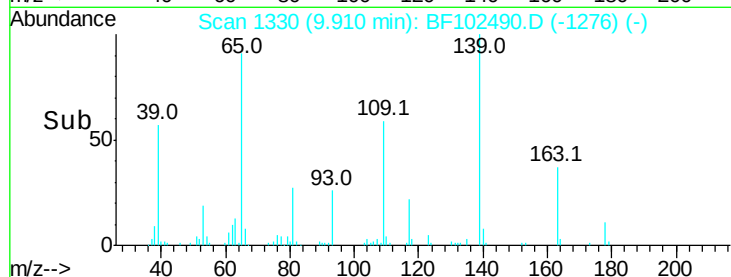
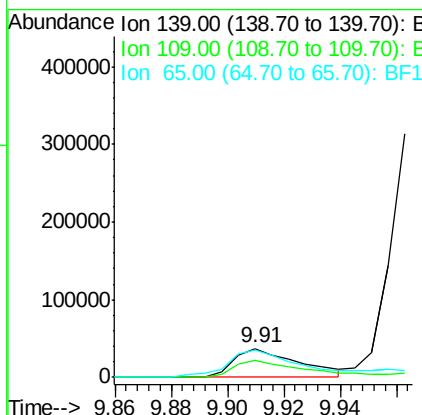
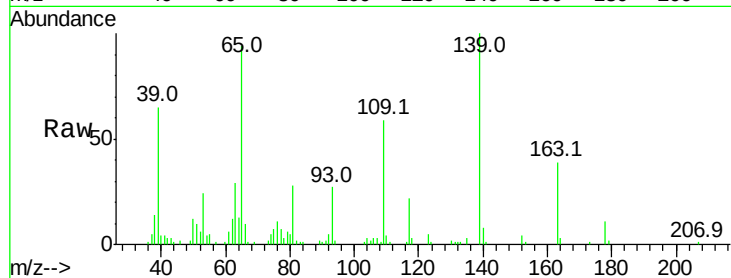




#55
4-Nitrophenol
Concen: 16.136 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

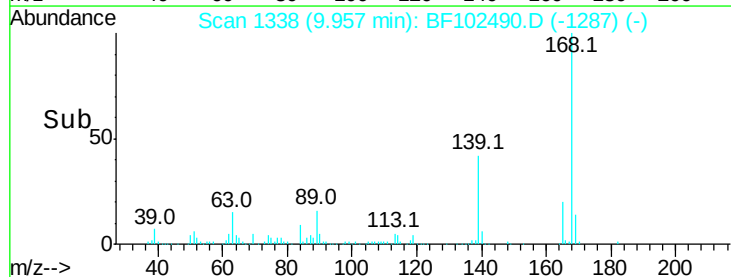
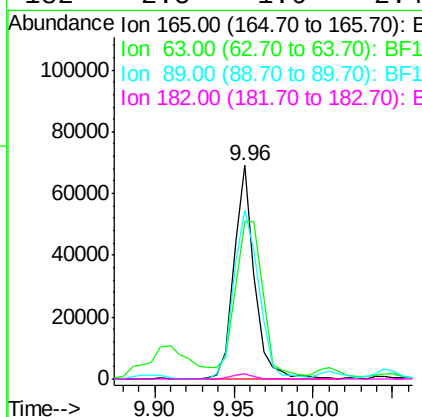
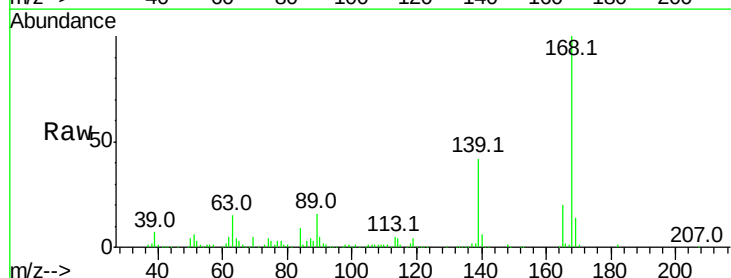
Instrument :
BNA_F
ClientSampleId :

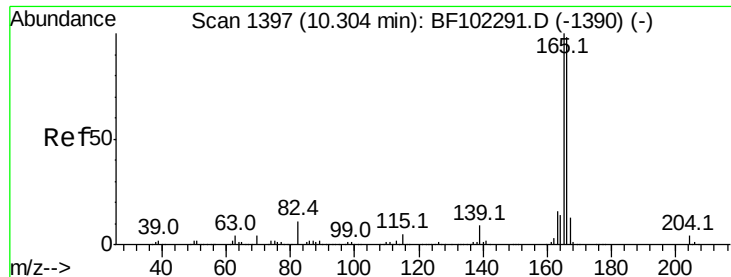
Tot Ion:139 Resp: 58903
Ion Ratio Lower Upper
139 100
109 59.2 48.4 88.4
65 93.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 10.809 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:165 Resp: 62137
Ion Ratio Lower Upper
165 100
63 73.7 36.4 54.6#
89 79.0 57.8 86.6
182 2.5 1.6 2.4#

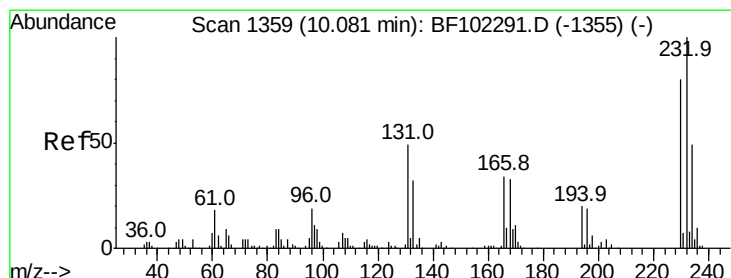
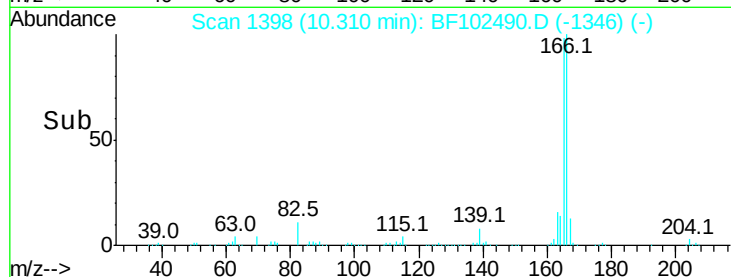
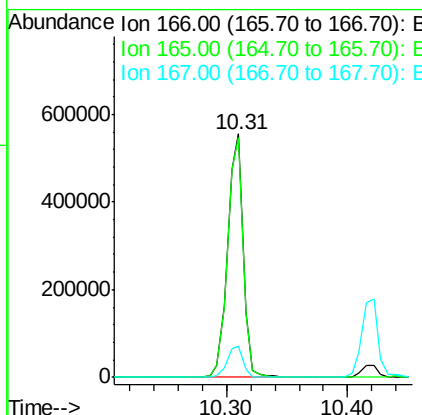
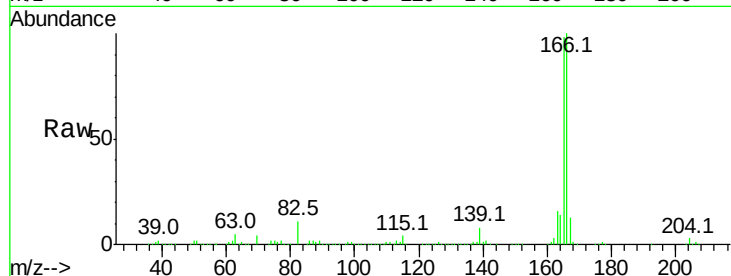




#57
 Fluorene
 Concen: 27.888 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

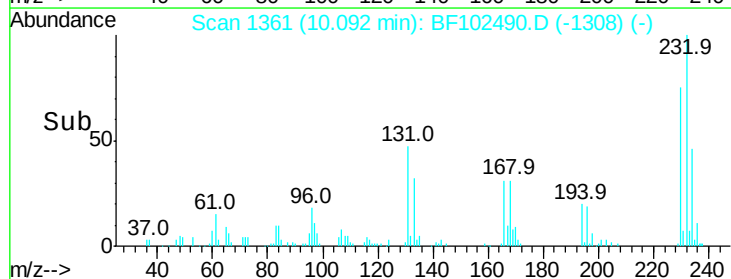
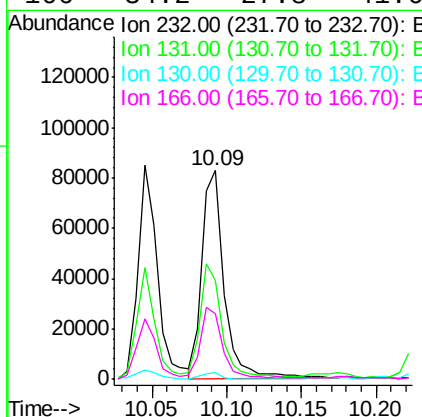
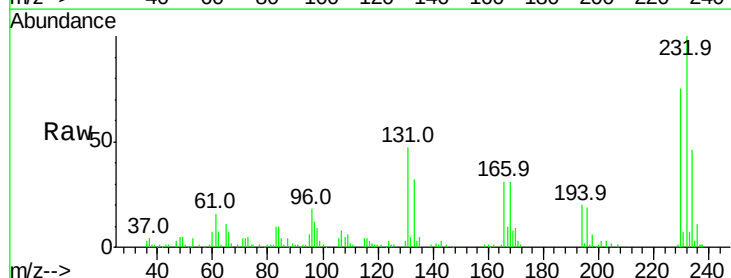
Instrument :
 BNA_F
 ClientSampleId :

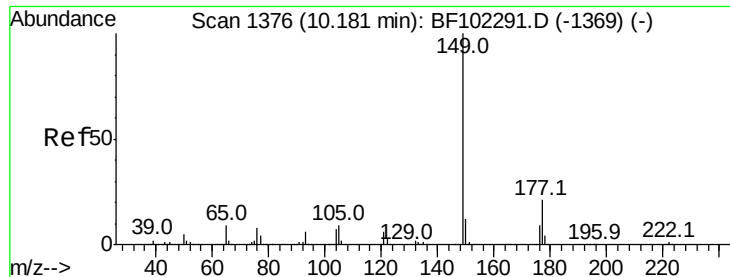
Tot Ion:166 Resp: 496118
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.795 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion:232 Resp: 84073
 Ion Ratio Lower Upper
 232 100
 131 54.2 43.8 65.8
 130 2.6 2.1 3.1
 166 34.2 27.8 41.6

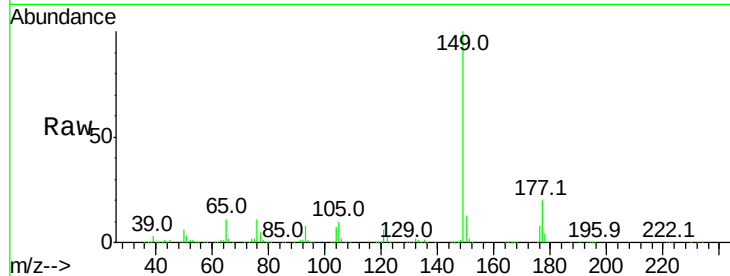




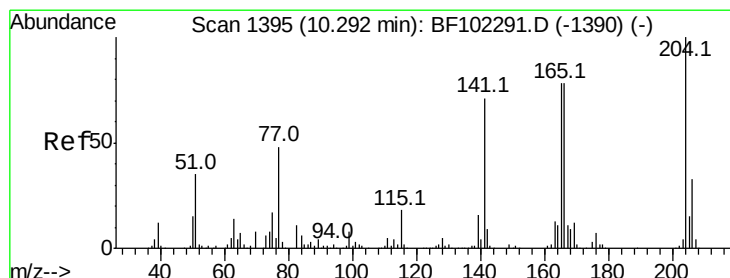
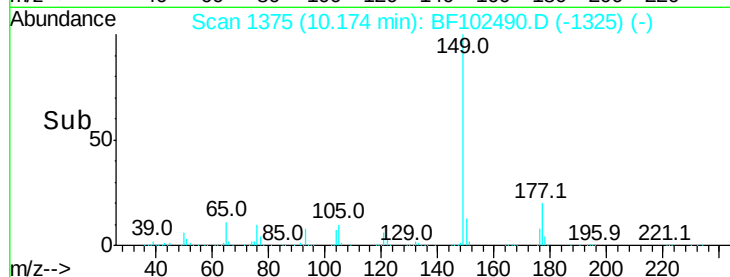
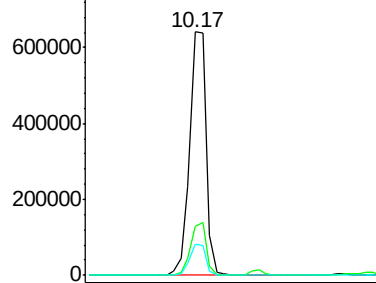
#59
Diethylphthalate
Concen: 28.259 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 595397
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 13.0 10.1 15.1

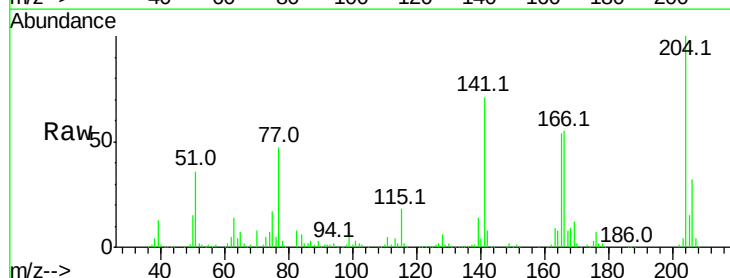


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

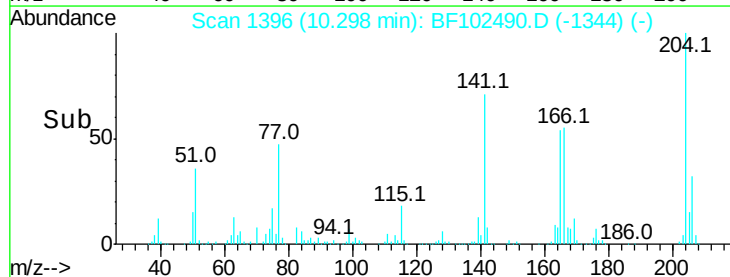
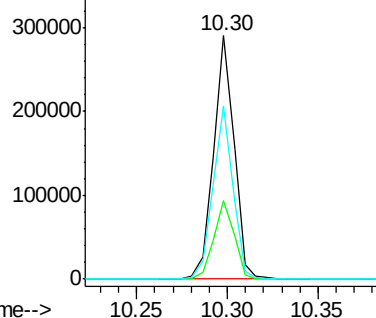


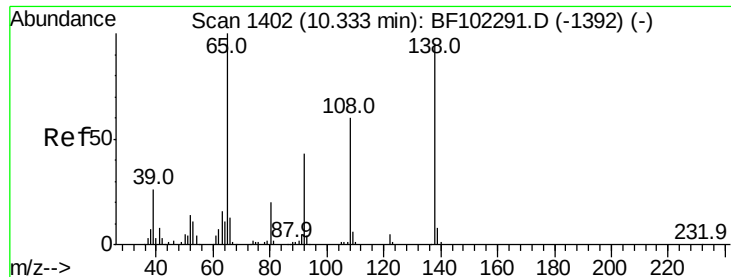
#60
4-Chlorophenyl-phenylether
Concen: 29.518 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:204 Resp: 227664
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 71.0 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: 22.214 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

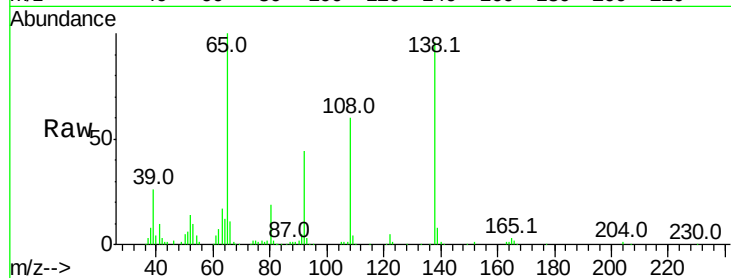
Tot Ion:138 Resp: 122579

Ion Ratio Lower Upper

138 100

92 45.8 30.2 70.2

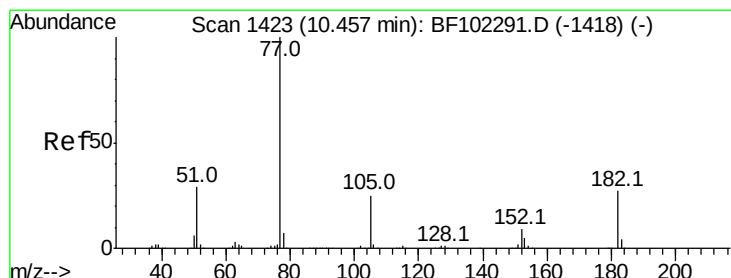
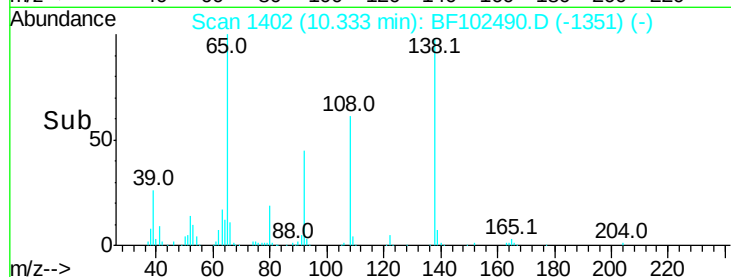
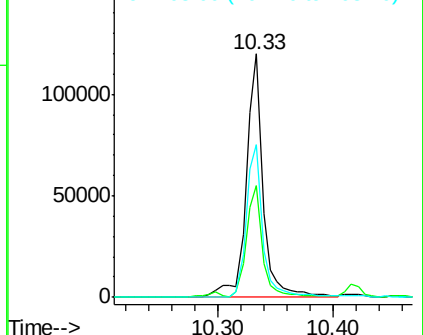
108 62.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 26.966 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Tgt Ion: 77 Resp: 520172

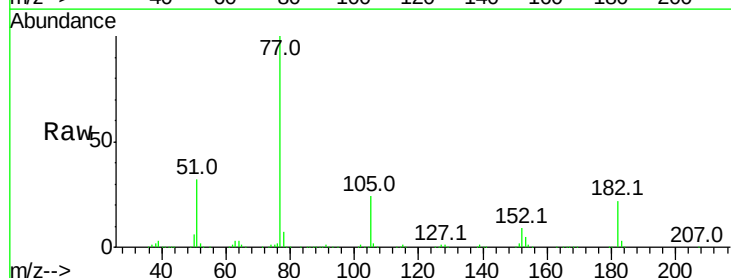
Ion Ratio Lower Upper

77 100

182 21.5 1.7 41.7

105 24.0 3.0 43.0

51 31.9 9.9 49.9

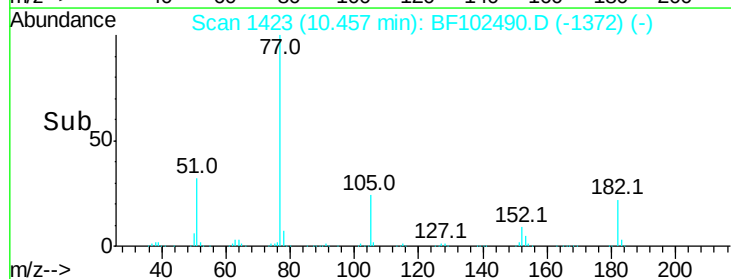
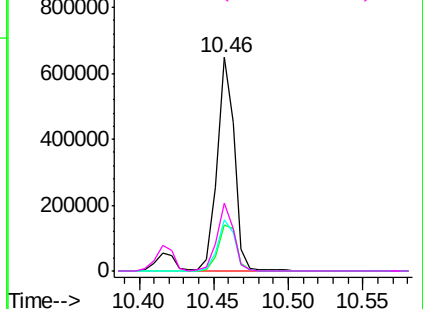


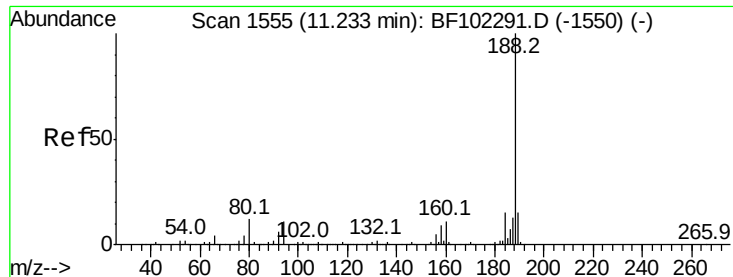
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

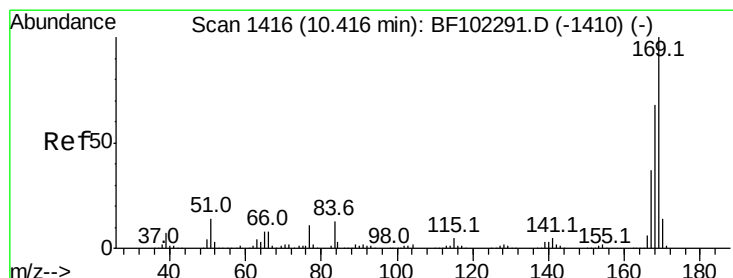
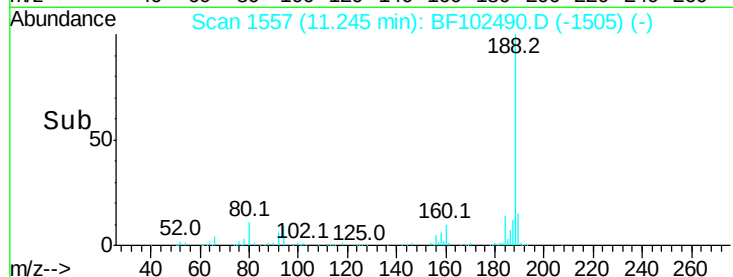
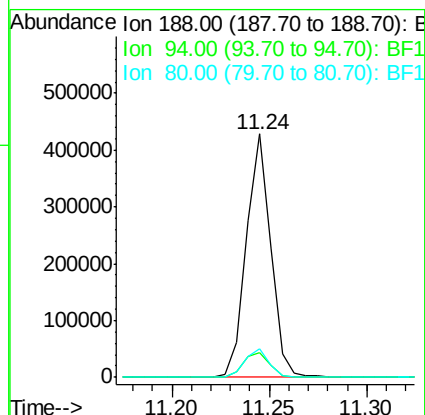
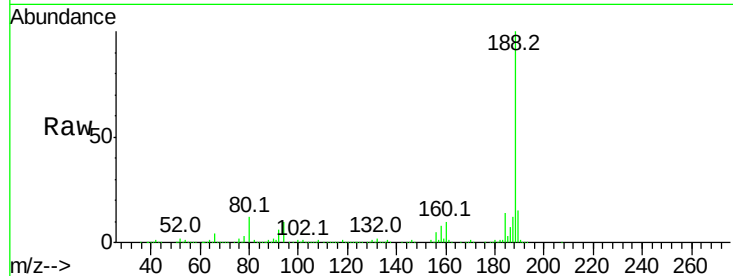




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

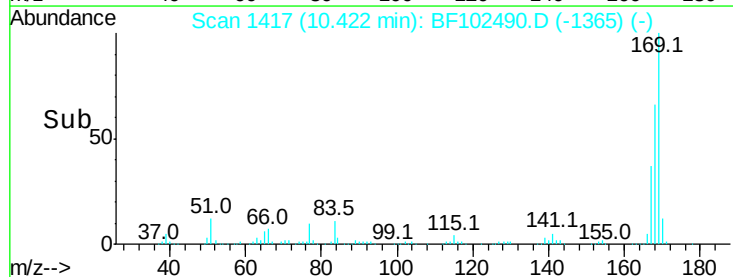
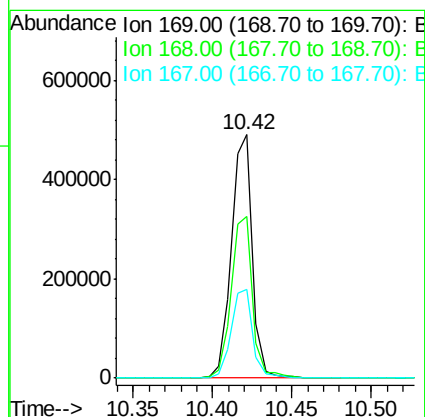
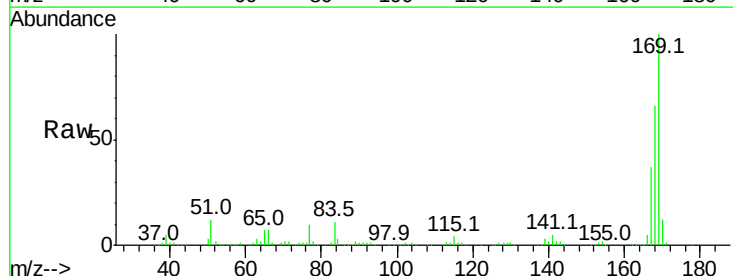
Instrument :
BNA_F
ClientSampleId :

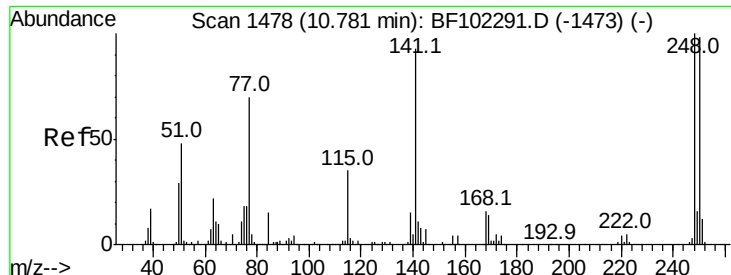
Tot Ion:188 Resp: 371369
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 32.925 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:169 Resp: 448788
Ion Ratio Lower Upper
169 100
168 66.4 54.4 81.6
167 36.6 29.8 44.6





#66

4-Bromophenyl-phenylether

Concen: 32.368 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

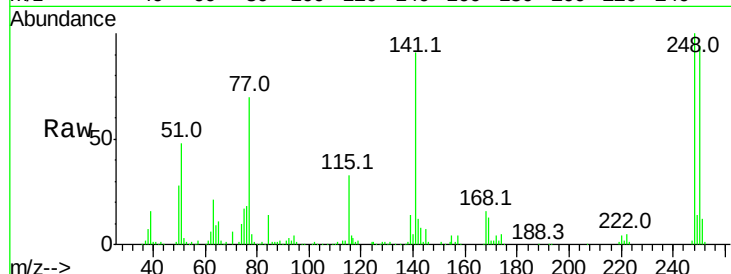
Tot Ion:248 Resp: 129402

Ion Ratio Lower Upper

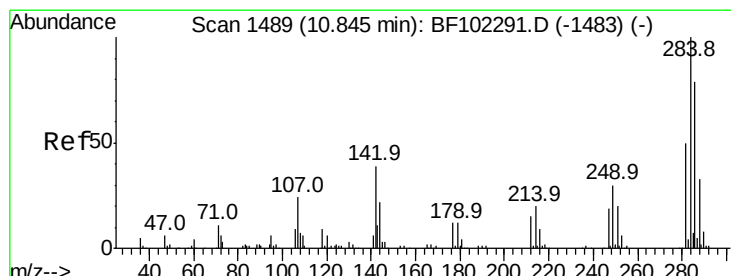
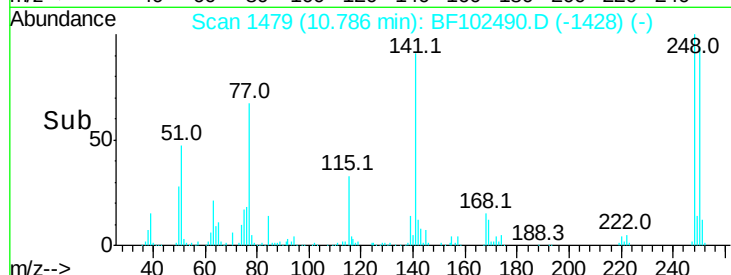
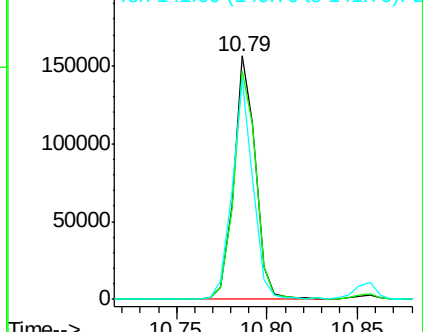
248 100

250 93.9 76.9 115.3

141 90.7 74.4 111.6



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



#67

Hexachlorobenzene

Concen: 26.998 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

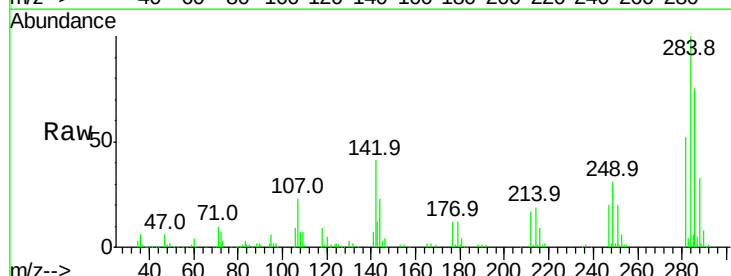
Tgt Ion:284 Resp: 120710

Ion Ratio Lower Upper

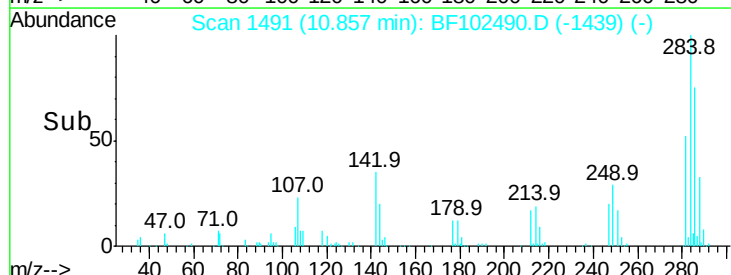
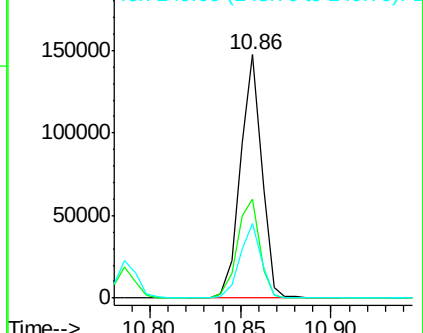
284 100

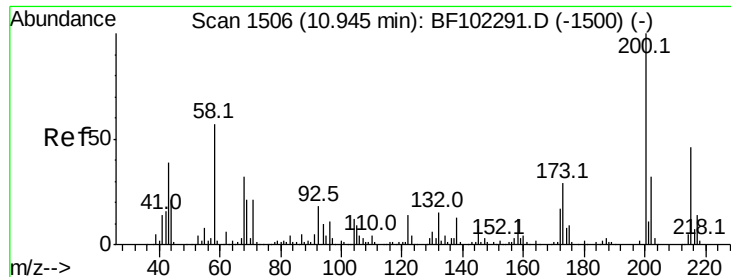
142 40.6 34.6 52.0

249 30.5 24.8 37.2



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

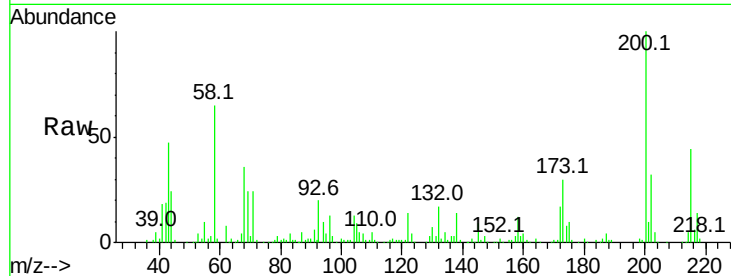




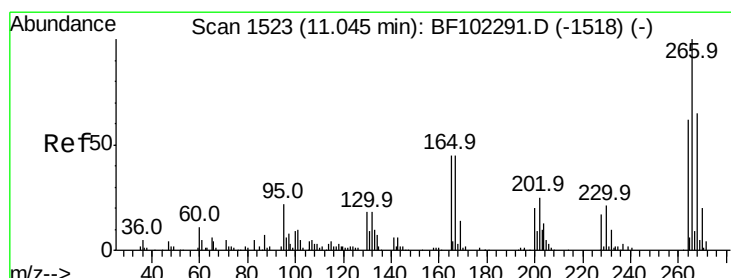
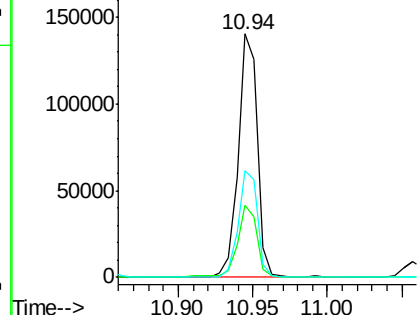
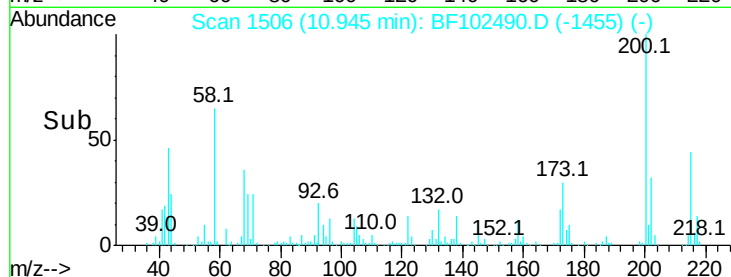
#68
Atrazine
Concen: 31.612 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 127262
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 43.8 25.1 65.1

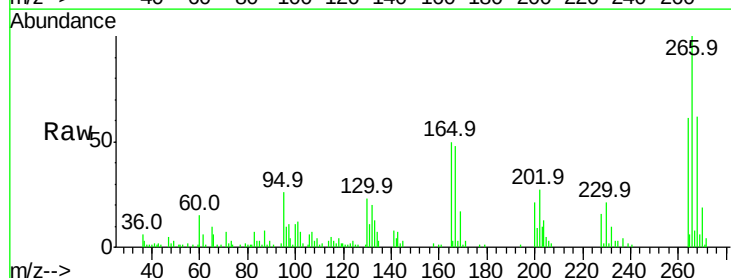


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

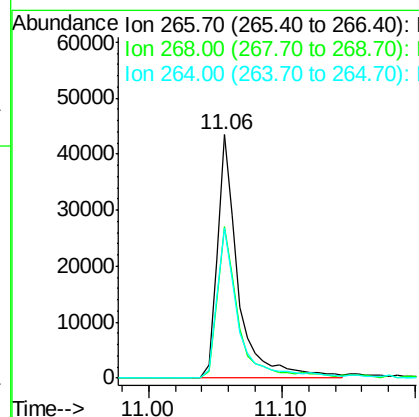
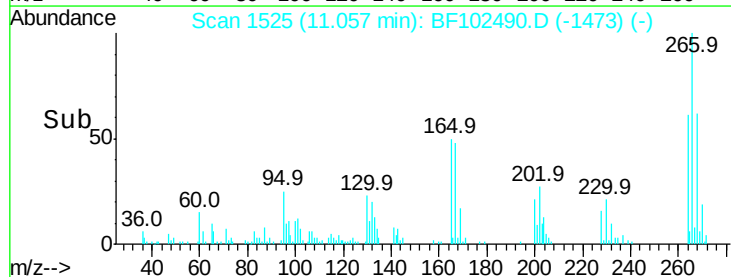


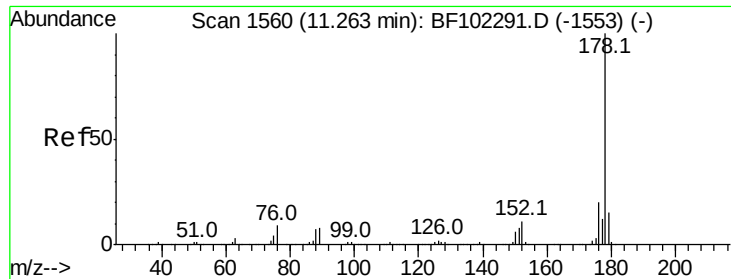
#69
Pentachlorophenol
Concen: 20.457 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:266 Resp: 48048
Ion Ratio Lower Upper
266 100
268 62.0 51.1 76.7
264 61.4 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

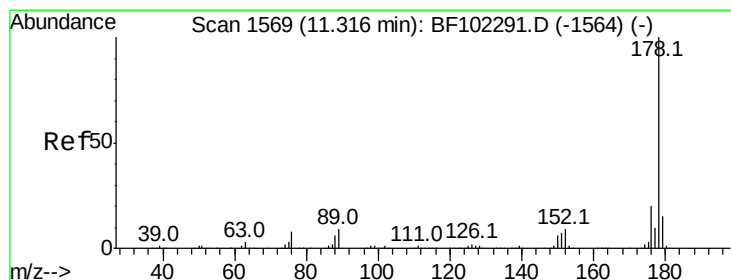
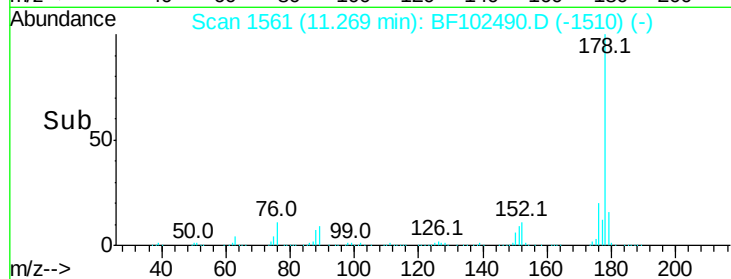
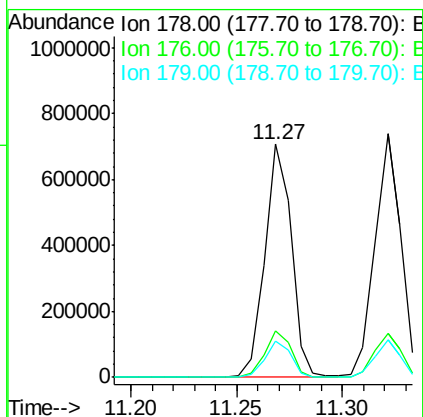
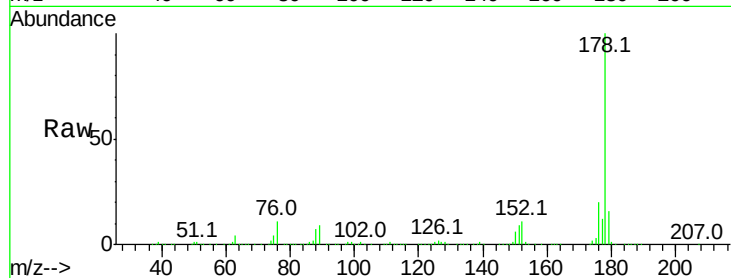




#70
 Phenanthrene
 Concen: 28.807 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

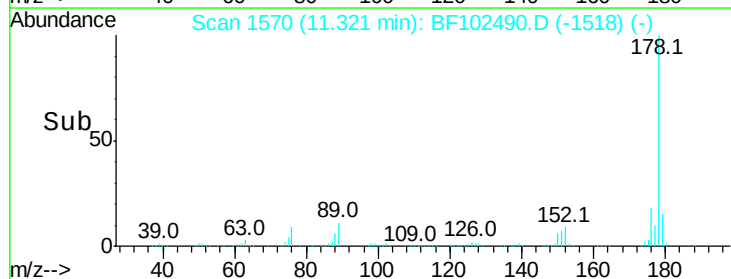
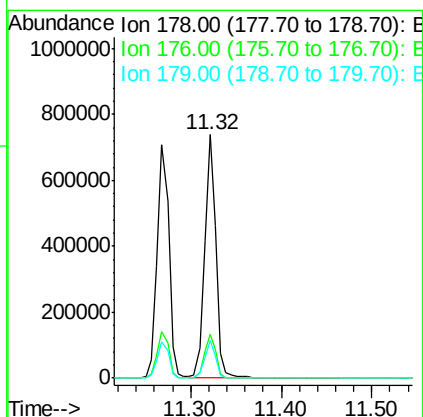
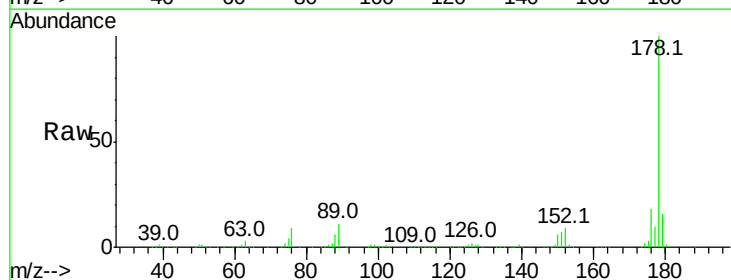
Instrument :
 BNA_F
 ClientSampled :

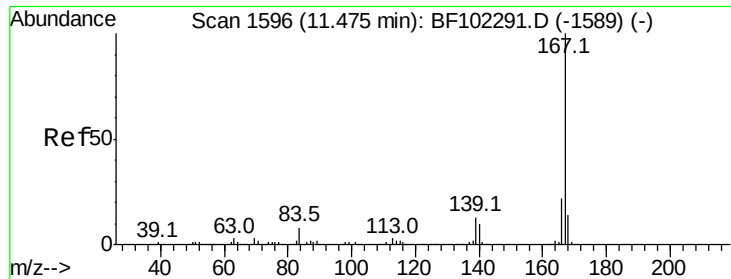
Tot Ion:178 Resp: 623400
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 13.0 19.6



#71
 Anthracene
 Concen: 29.582 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion:178 Resp: 653417
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.5 12.6 19.0





#72

Carbazole

Concen: 28.487 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

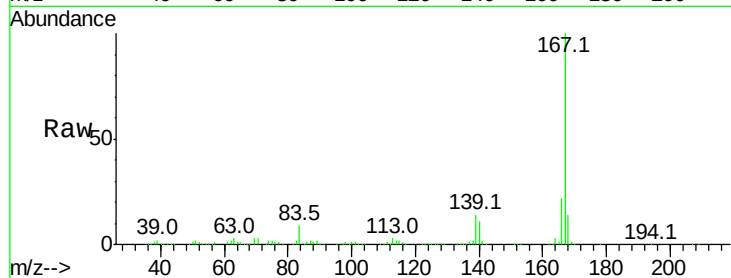
Tot Ion:167 Resp: 613865

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

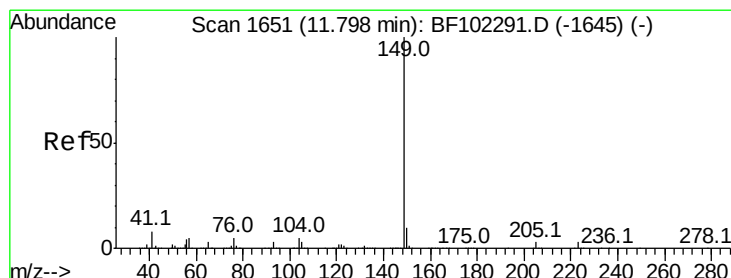
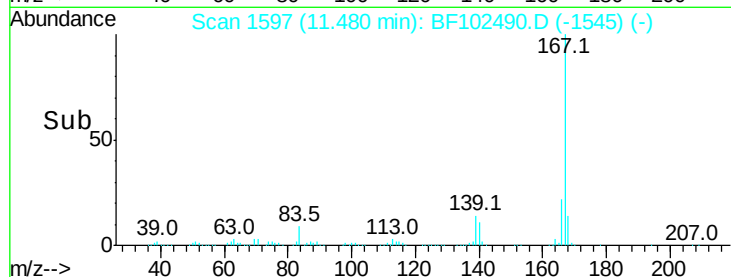
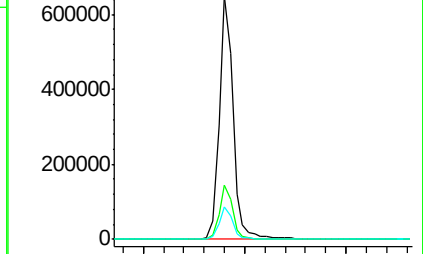
139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 31.353 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

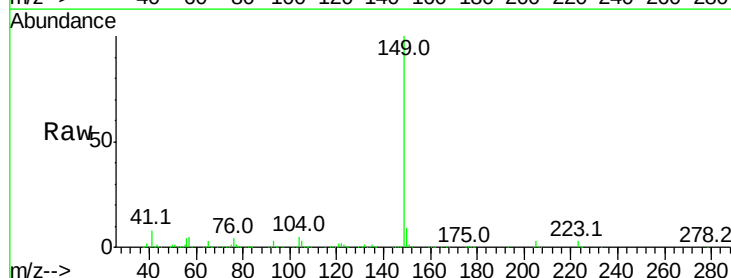
Tgt Ion:149 Resp: 844503

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

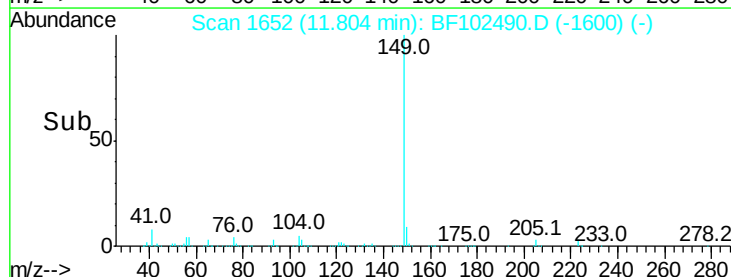
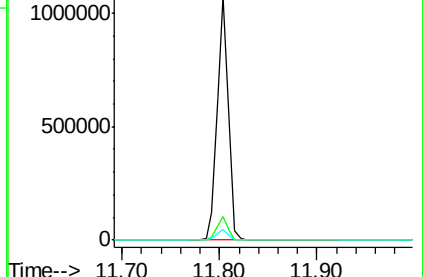
104 4.6 3.8 5.8

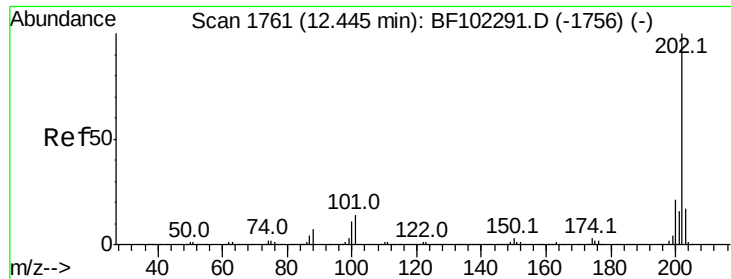


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

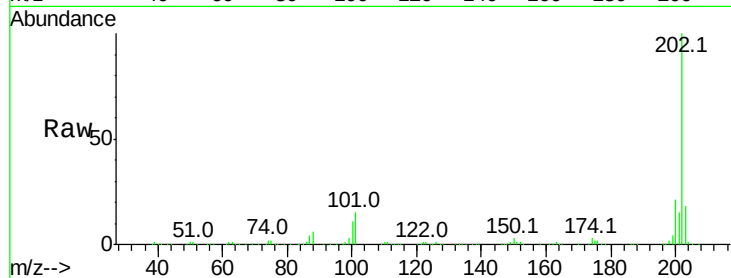




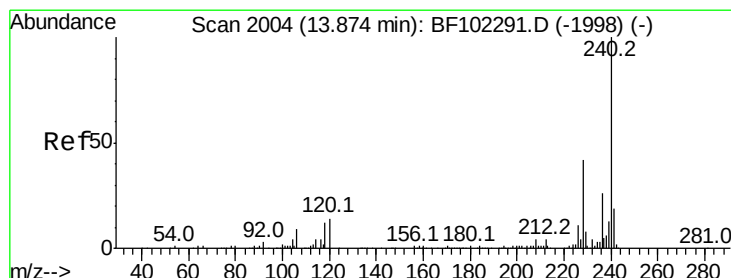
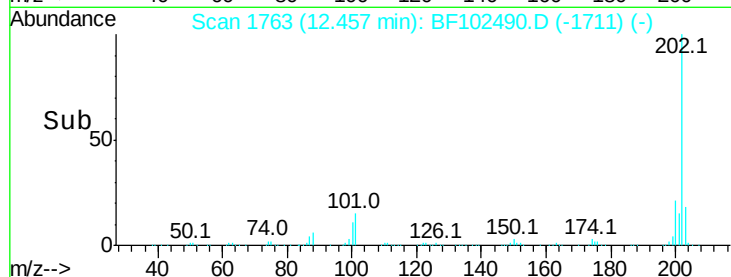
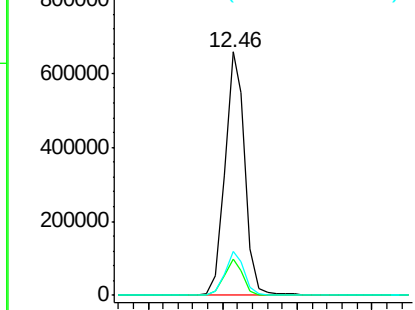
#74
 Fluoranthene
 Concen: 28.144 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 621094
 Ion Ratio Lower Upper
 202 100
 101 14.6 0.0 34.1
 203 17.9 0.0 38.1

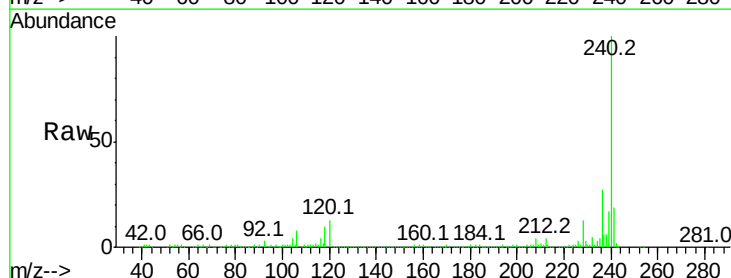


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

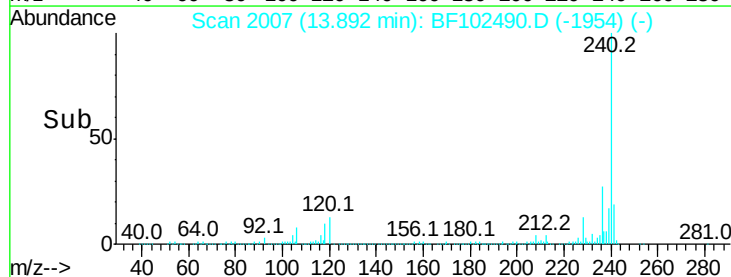
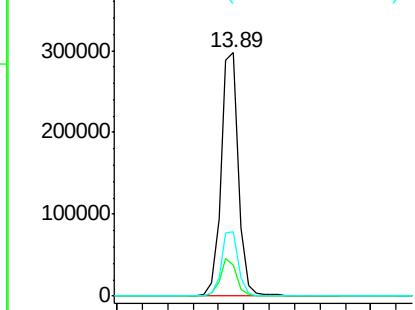


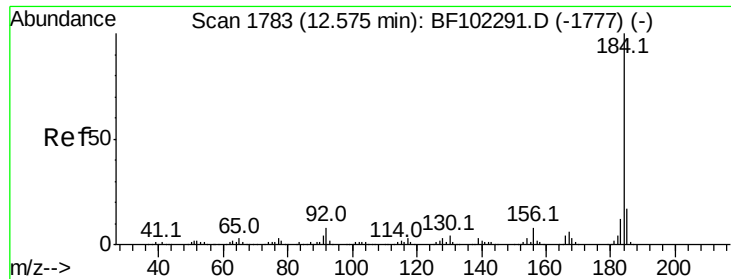
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion:240 Resp: 285005
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.7 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: 22.158 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

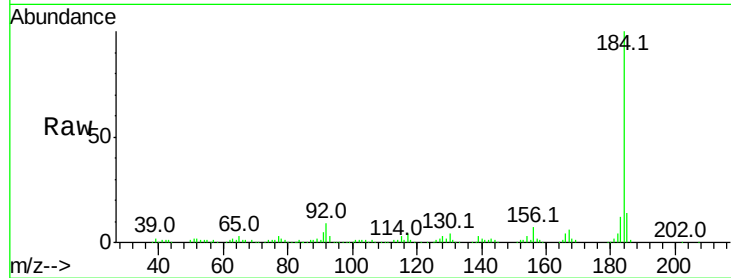
Tot Ion:184 Resp: 212149

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

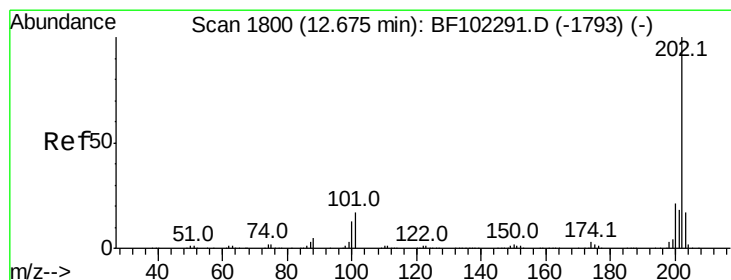
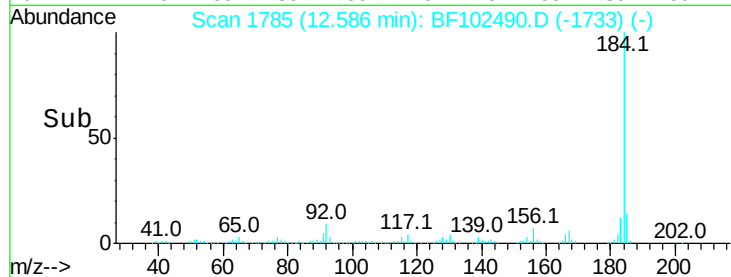
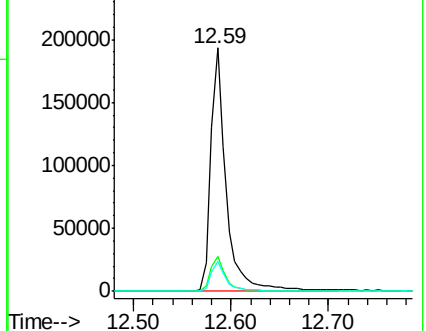
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 28.763 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

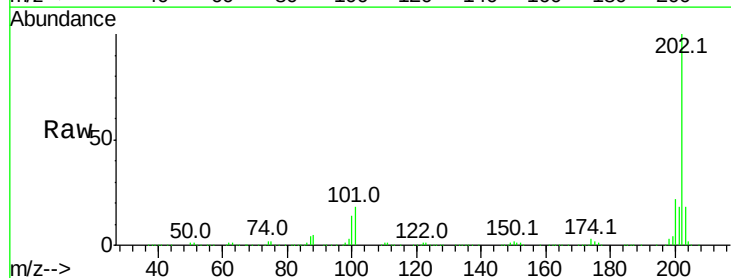
Tgt Ion:202 Resp: 633804

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

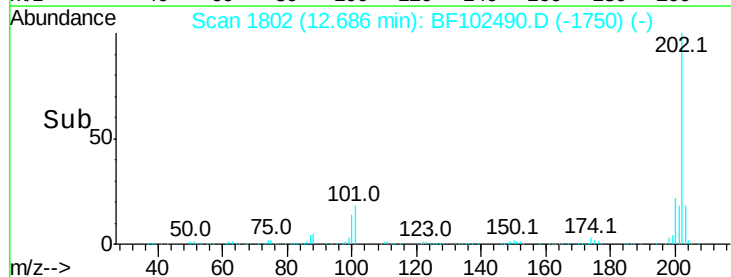
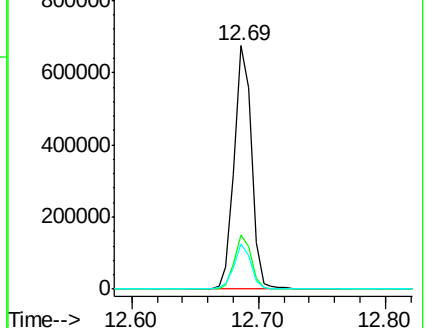
203 18.3 14.3 21.5

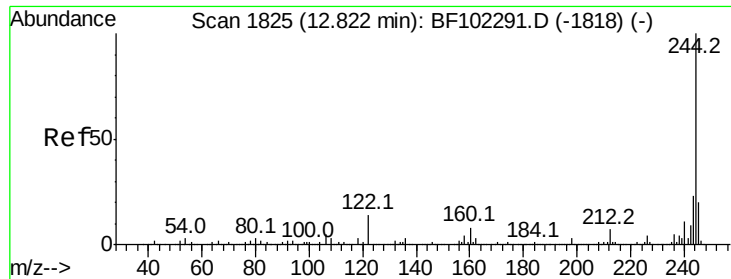


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

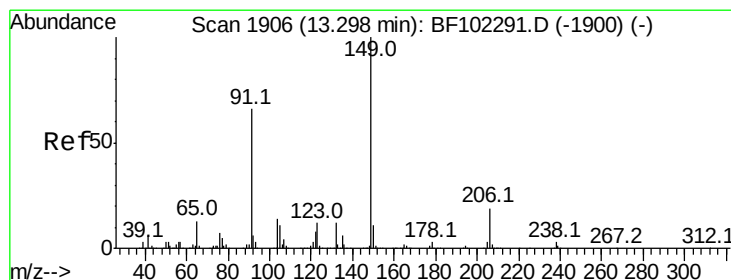
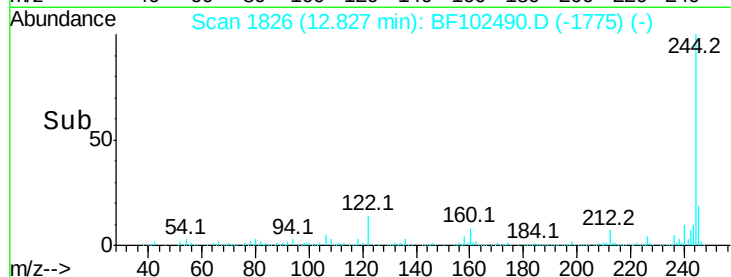
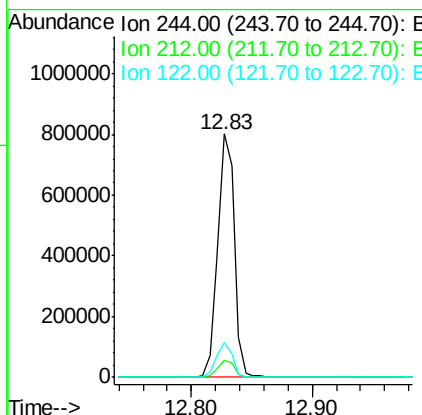
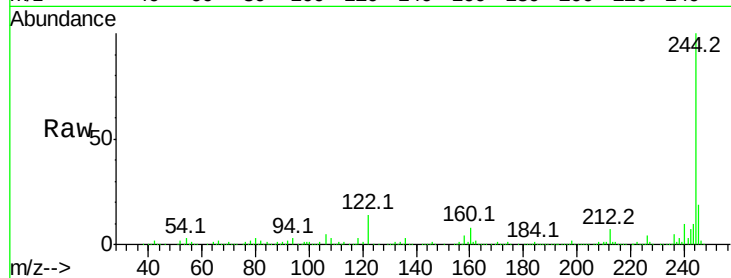




#78
 Terphenyl-d14
 Concen: 59.668 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

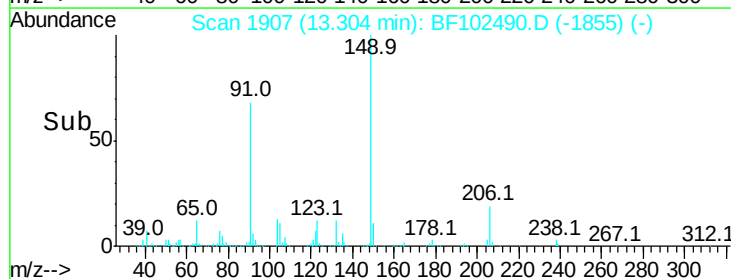
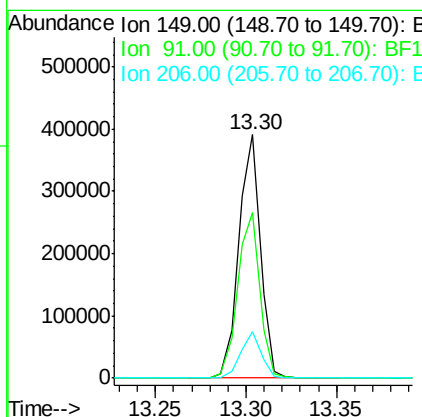
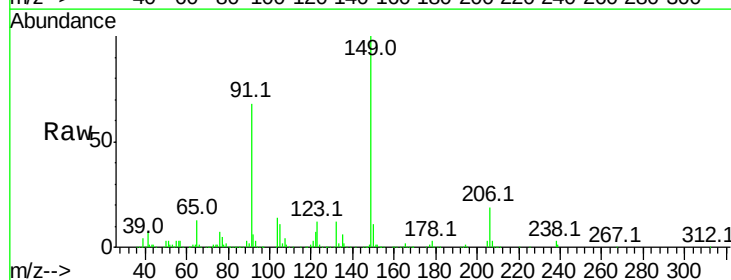
Instrument :
 BNA_F
 ClientSampleId :

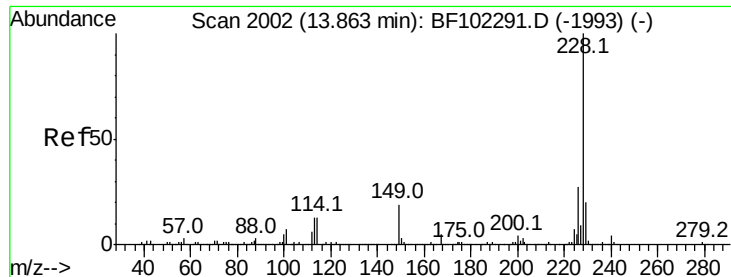
Tot Ion:244 Resp: 754345
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 29.653 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.01 min
 Lab File: BF102490.D
 Acq: 27 Jan 2018 2:16

Tgt Ion:149 Resp: 325179
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.8 85.2
 206 19.0 14.1 21.1





#80

Benzo(a)anthracene

Concen: 30.324 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

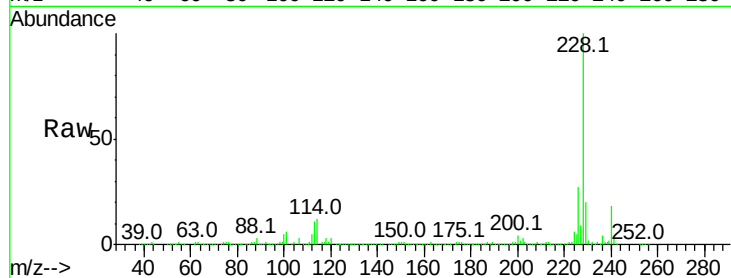
Tot Ion:228 Resp: 532087

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

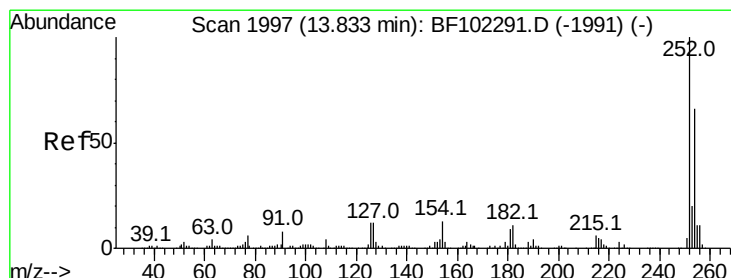
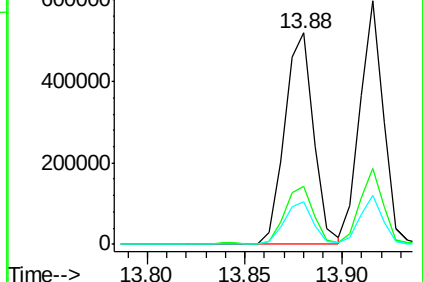
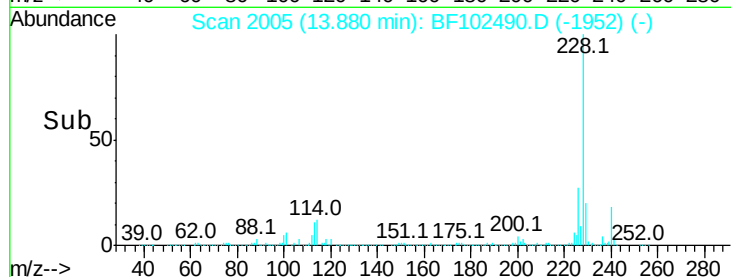
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 29.505 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

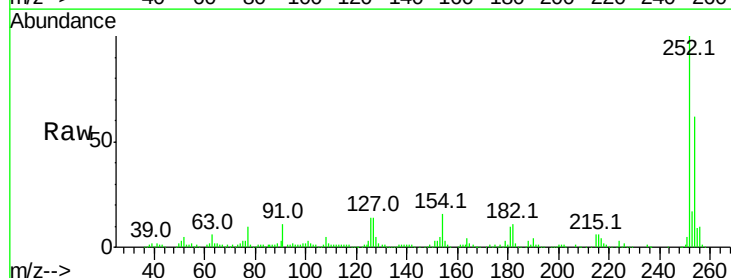
Tgt Ion:252 Resp: 189918

Ion Ratio Lower Upper

252 100

254 62.4 50.4 75.6

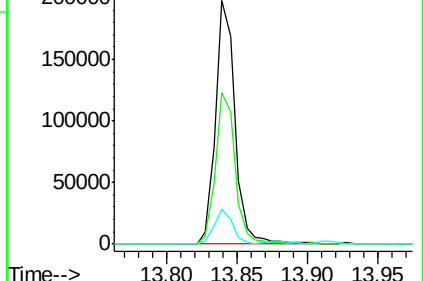
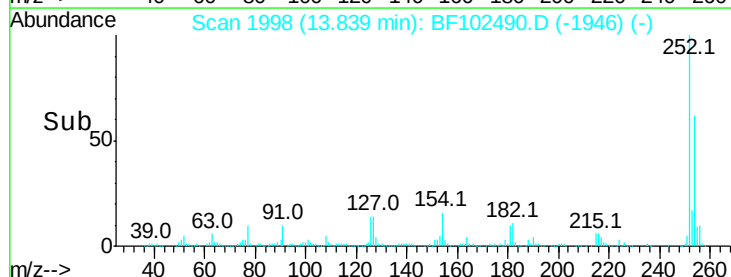
126 14.3 11.3 16.9

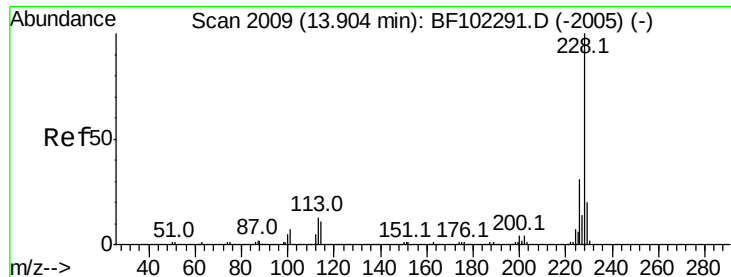


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 28.395 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

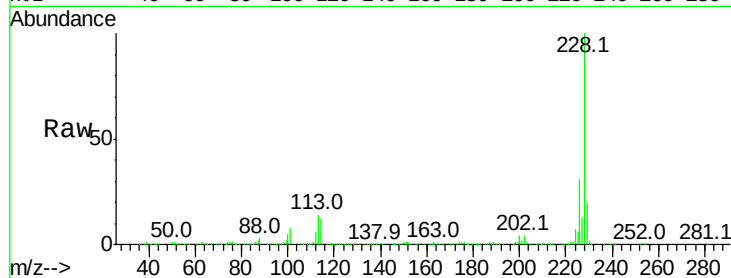
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 505969

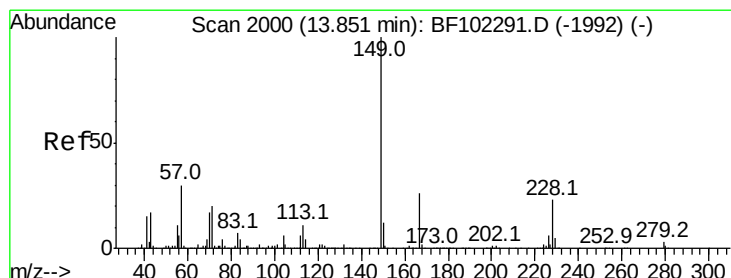
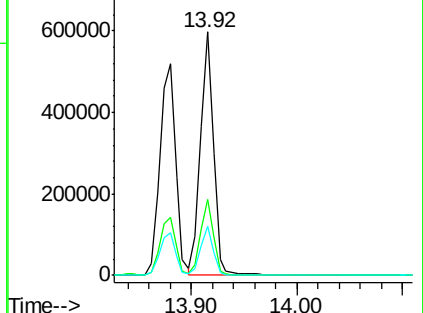
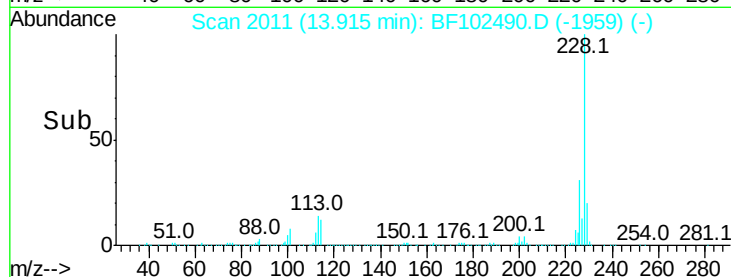
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.828 ng

RT: 13.86 min Scan# 2001

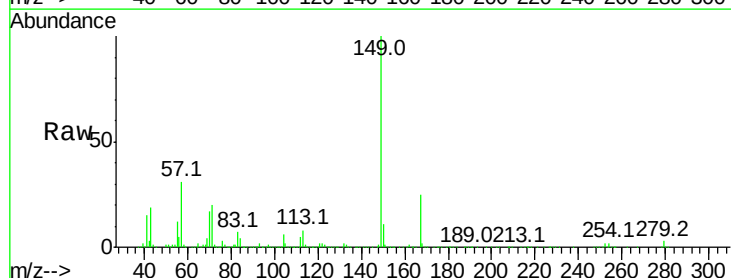
Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Tgt Ion:149 Resp: 469057

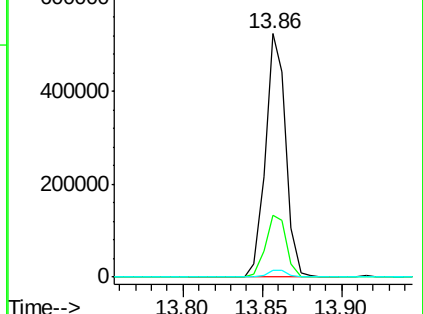
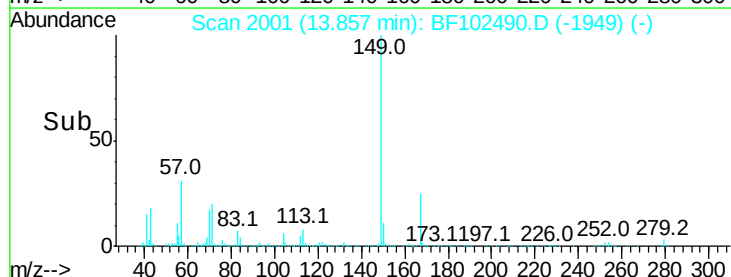
Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.3	31.9
279	2.6	3.0	4.4

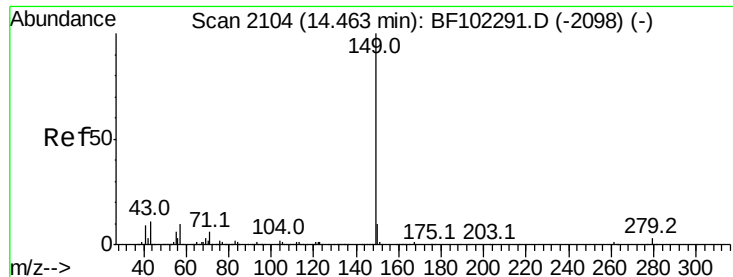


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 32.996 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

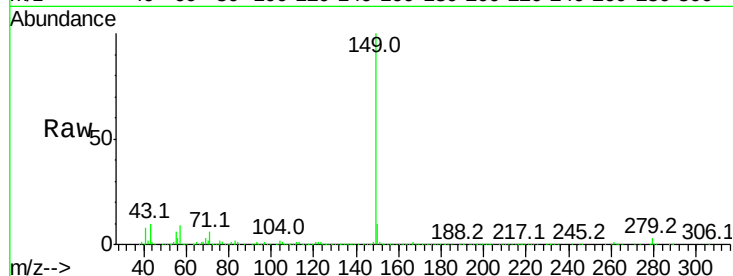
Tot Ion:149 Resp: 790785

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

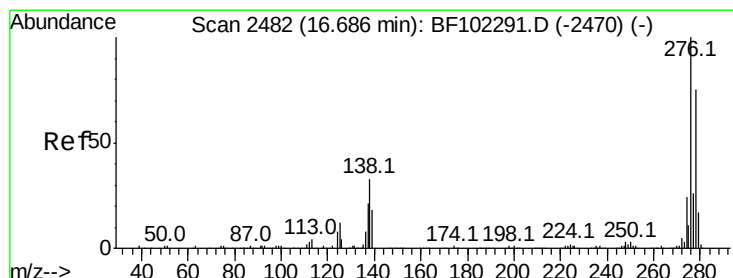
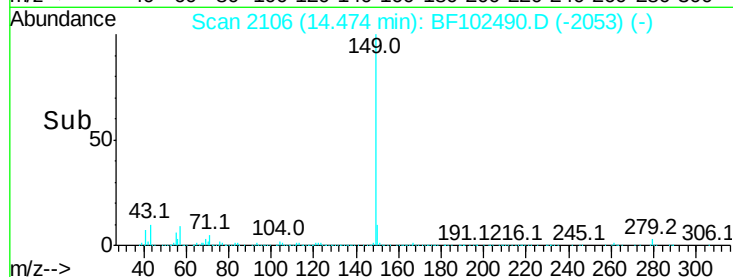
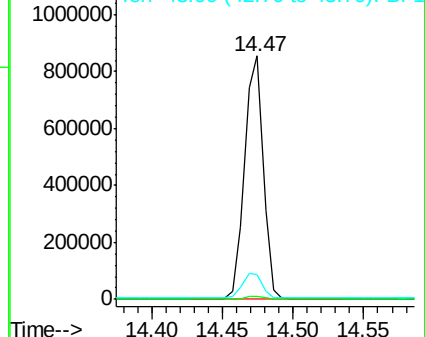
43 10.9 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 21.534 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.02 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

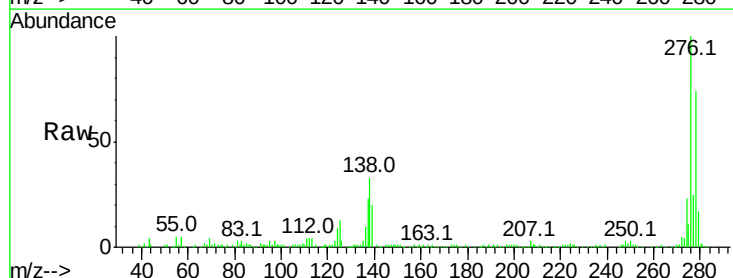
Tgt Ion:276 Resp: 316887

Ion Ratio Lower Upper

276 100

138 34.1 25.0 37.6

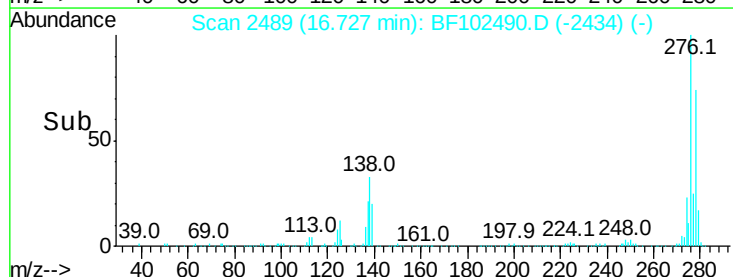
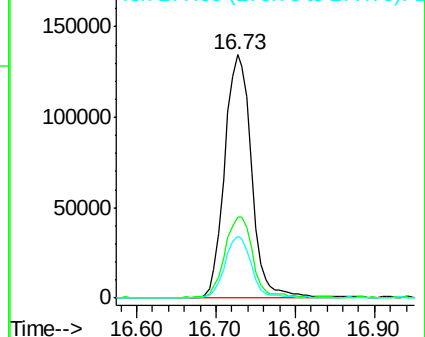
277 25.1 20.1 30.1

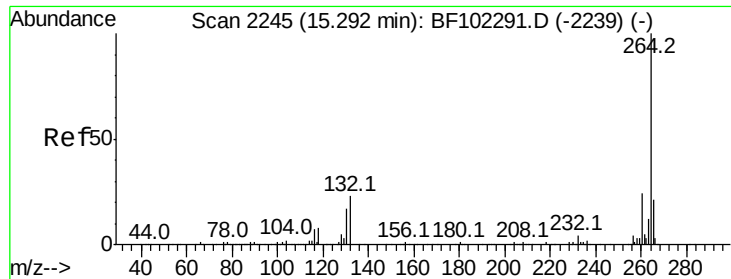


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



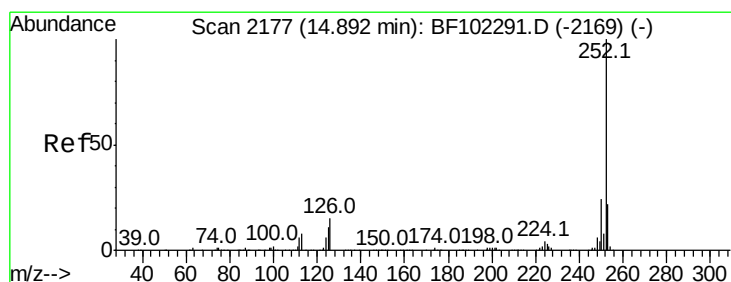
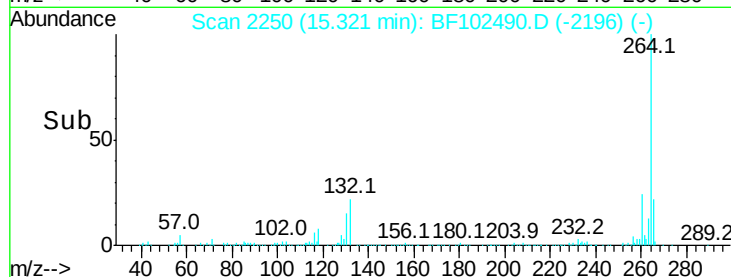
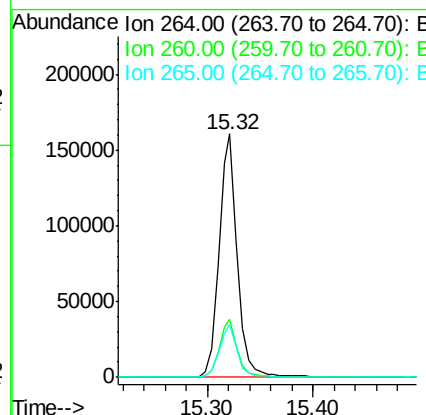
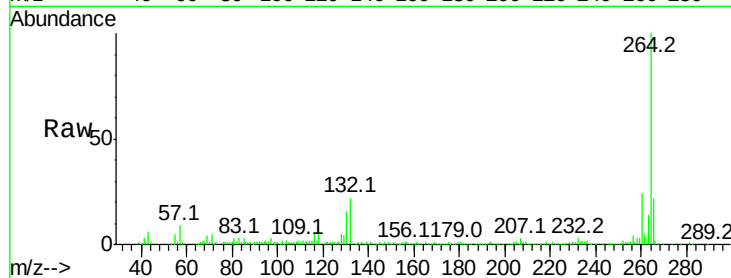


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 195346

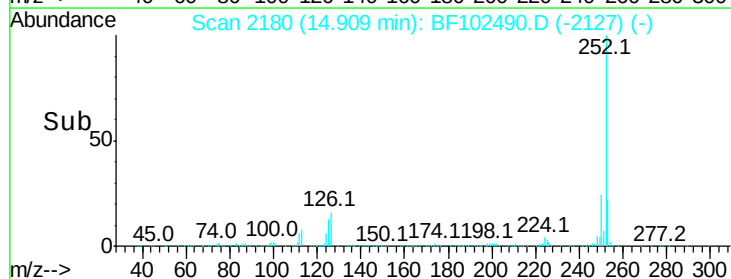
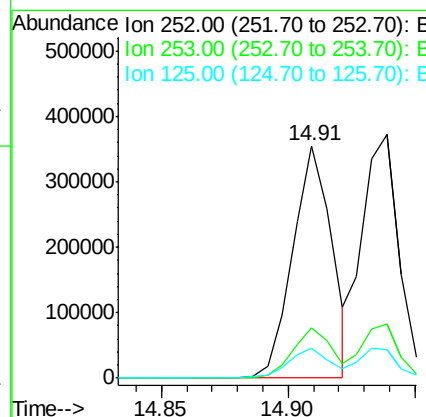
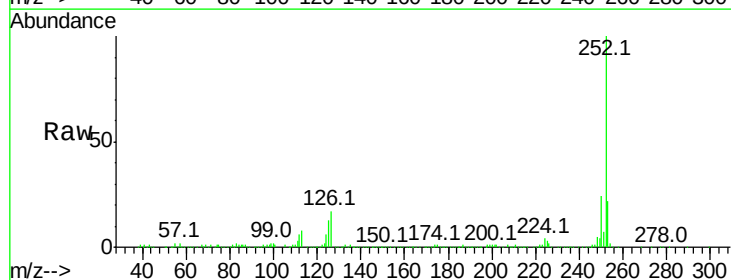
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

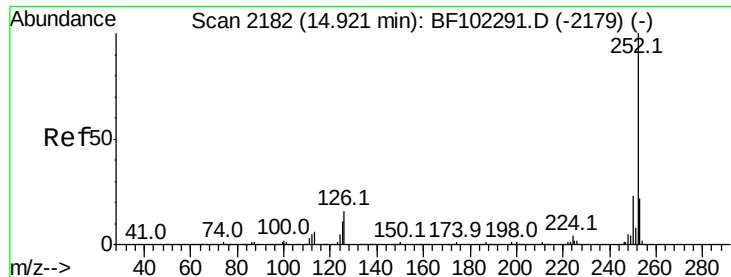


#87
Benzo(b)fluoranthene
Concen: 30.077 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion:252 Resp: 380816

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.0	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 31.785 ng

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

Instrument :

BNA_F

ClientSampleId :

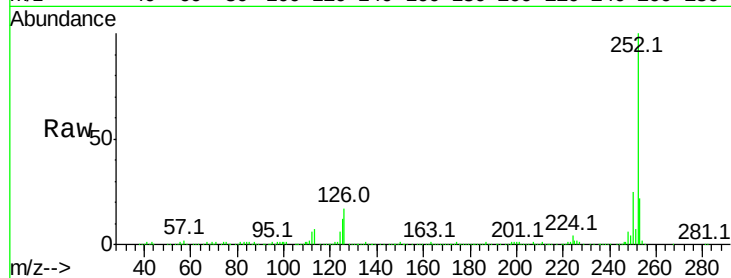
Tot Ion:252 Resp: 380213

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

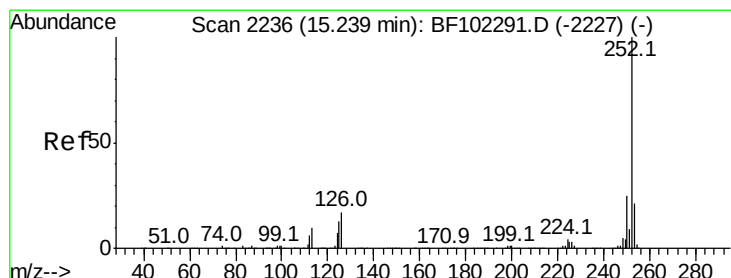
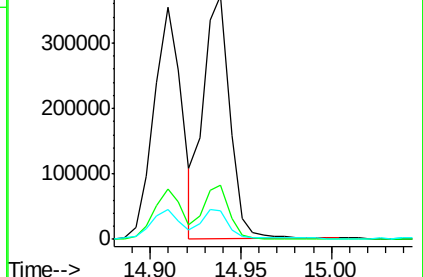
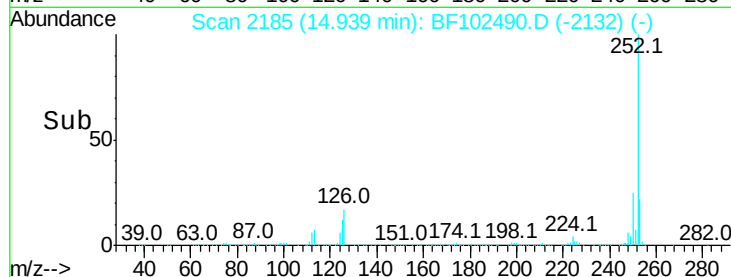
125 11.8 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 29.383 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.02 min

Lab File: BF102490.D

Acq: 27 Jan 2018 2:16

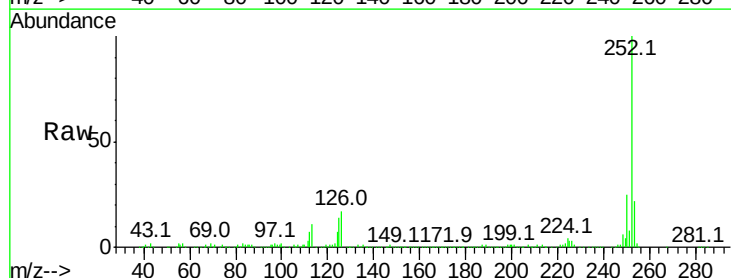
Tgt Ion:252 Resp: 335527

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

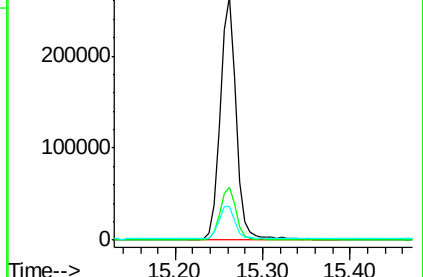
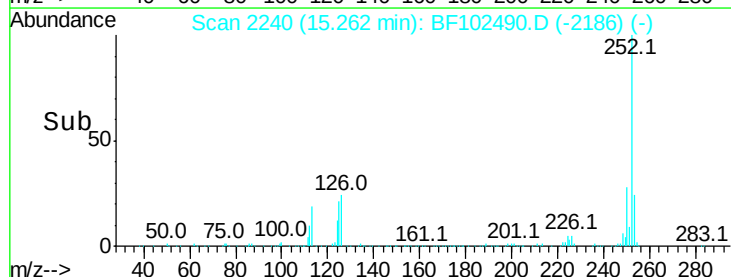
125 13.7 9.8 14.6

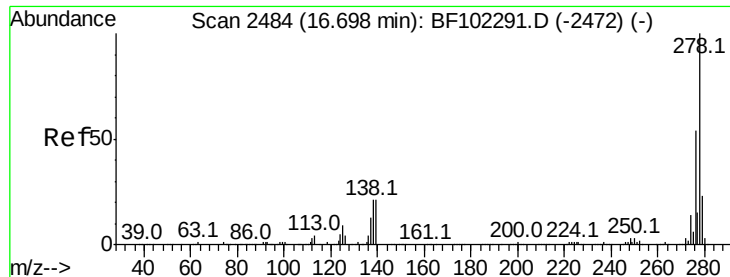


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

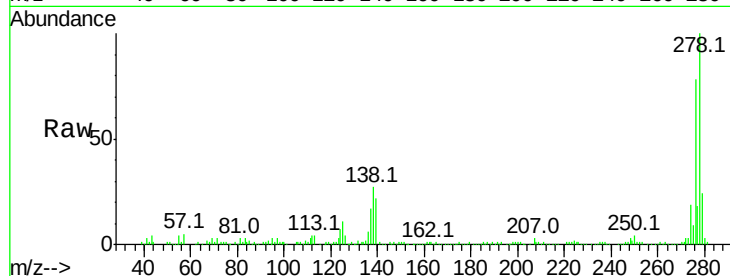




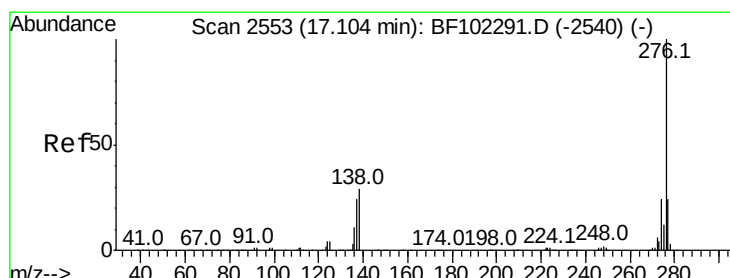
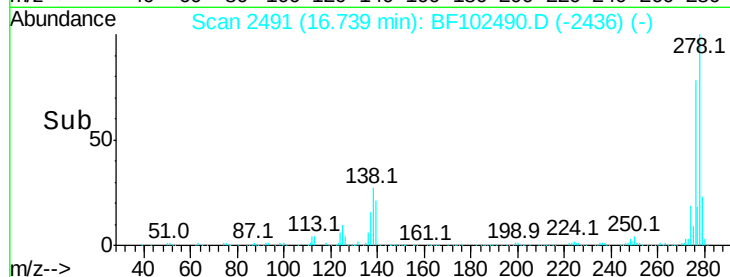
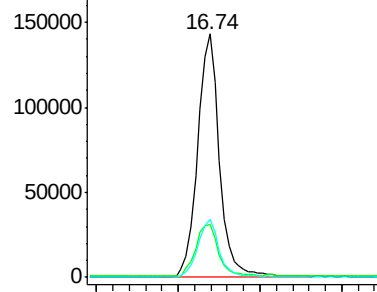
#90
Dibenzo(a,h)anthracene
Concen: 28.965 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	23.6	19.0	28.4

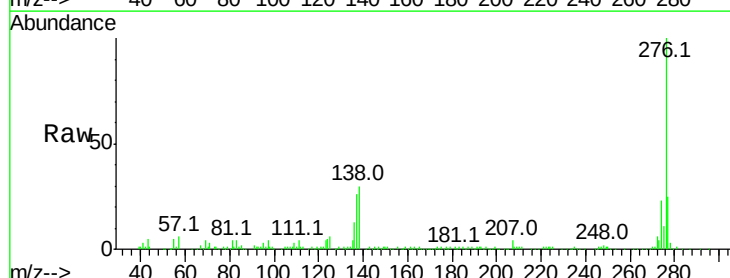


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 28.971 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF102490.D
Acq: 27 Jan 2018 2:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	30.0	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

