

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105157.D
 Acq On : 8 May 2018 21:12
 Operator : JU/SJ
 Sample : J2133-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:30:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

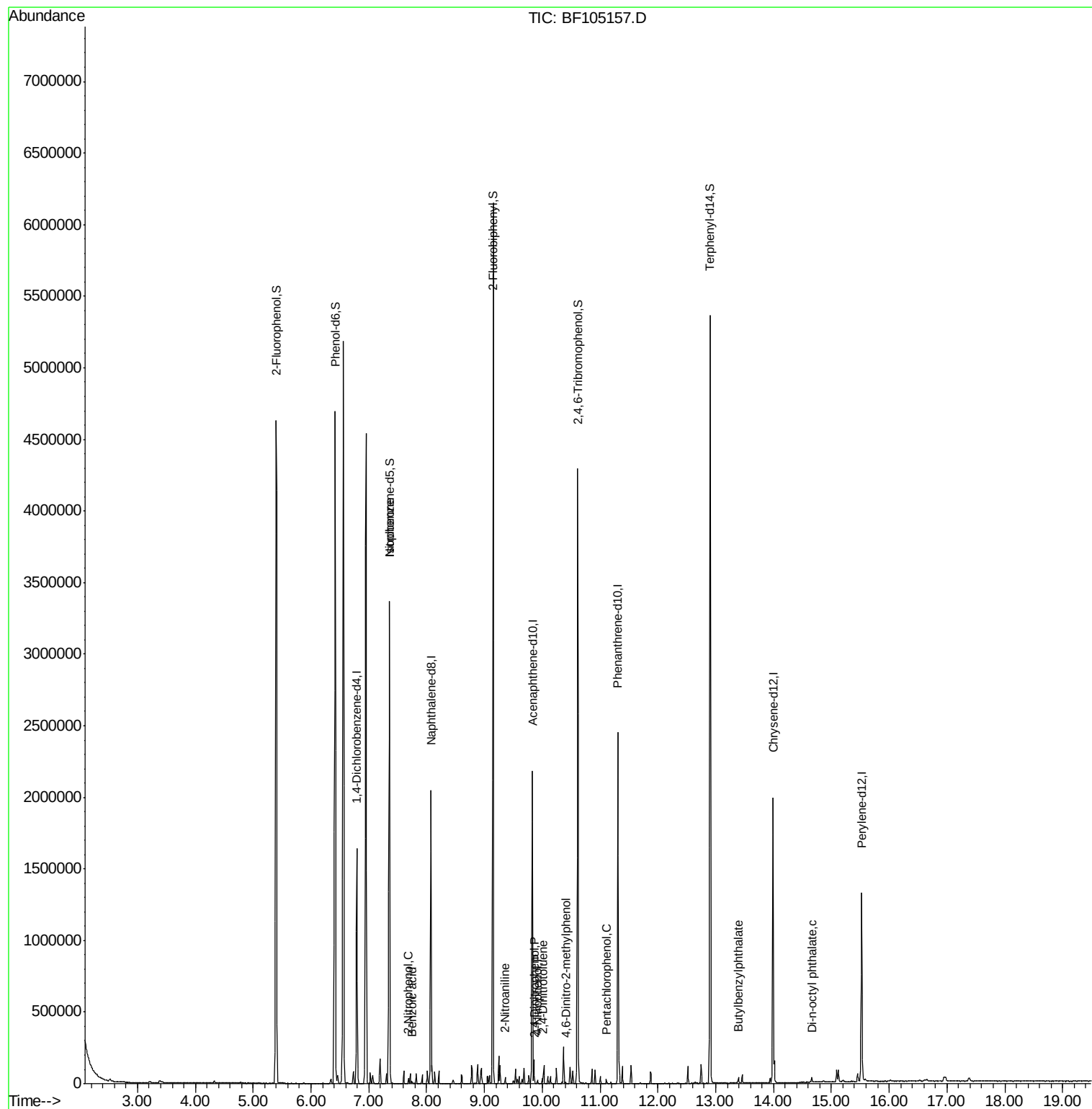
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	213929	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	832307	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	416284	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	805480	20.00	ng	0.00
75) Chrysene-d12	13.99	240	696167	20.00	ng	-0.02
86) Perylene-d12	15.53	264	613534	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1596440	122.94	ng	0.00
7) Phenol-d6	6.42	99	1920996	124.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	1106064	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	609207	132.65	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2007875	74.86	ng	0.00
78) Terphenyl-d14	12.90	244	2252957	75.17	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	1105452	40.25	ng	Qvalue # 64
26) 2-Nitrophenol	7.69	139	4610	10.58	ng	96
32) Benzoic acid	7.75	122	3516	9.62	ng	97
47) 2-Nitroaniline	9.36	65	5188	6.42	ng	90
53) 2,4-Dinitrophenol	9.87	184	546	9.65	ng	# 19
55) 4-Nitrophenol	9.92	139	2988	4.79	ng	95
56) 2,4-Dinitrotoluene	10.00	165	5035	4.18	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.40	198	1502	9.29	ng	89
69) Pentachlorophenol	11.11	266	3902	3.87	ng	93
79) Butylbenzylphthalate	13.39	149	9912	7.36	ng	91
84) Di-n-octyl phthalate	14.66	149	15511	7.26	ng	# 88

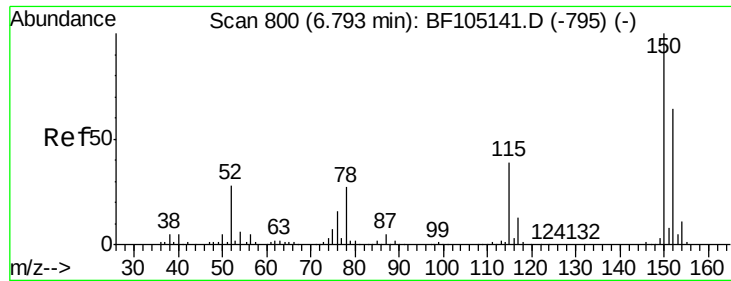
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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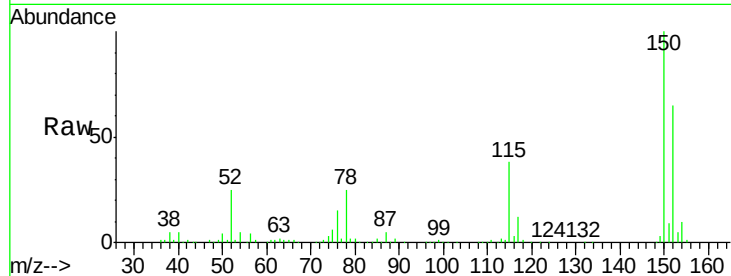


#1

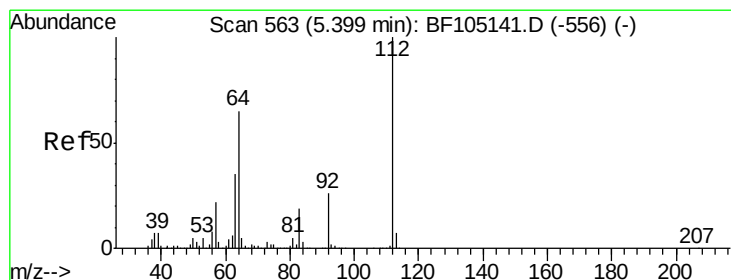
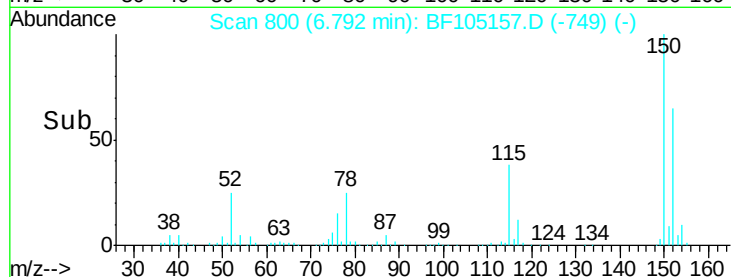
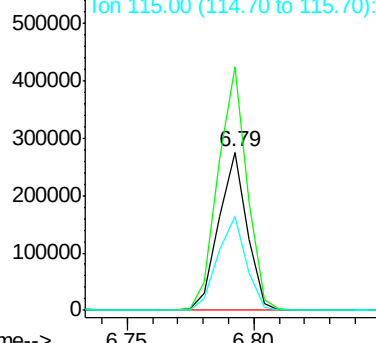
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 213929
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 59.1 50.1 75.1



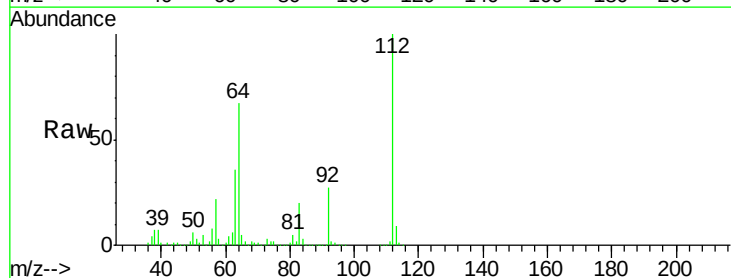
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



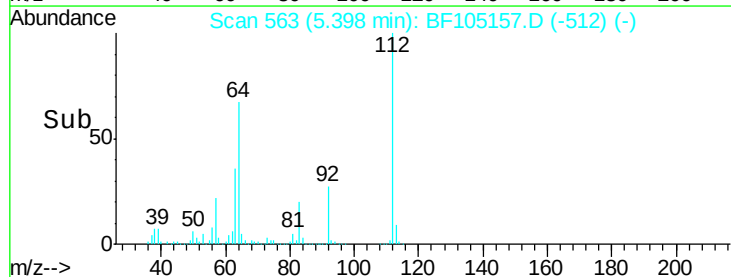
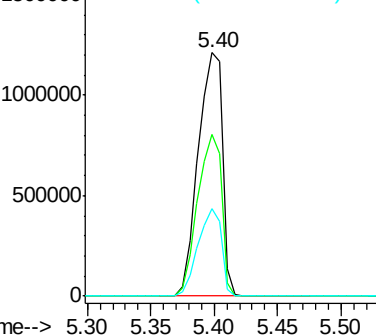
#5

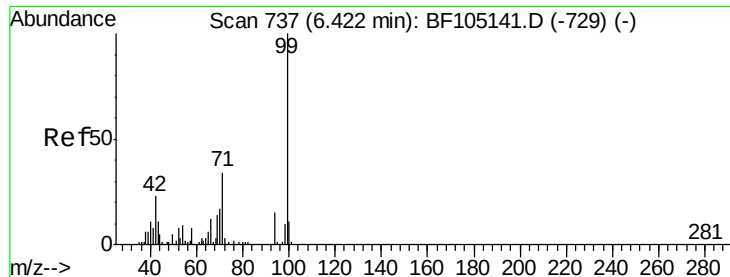
2-Fluorophenol
Concen: 122.94 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Tgt Ion:112 Resp: 1596440
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 35.7 23.7 35.5#



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





#7

Phenol-d6

Concen: 124.24 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105157.D

Acq: 8 May 2018 21:12

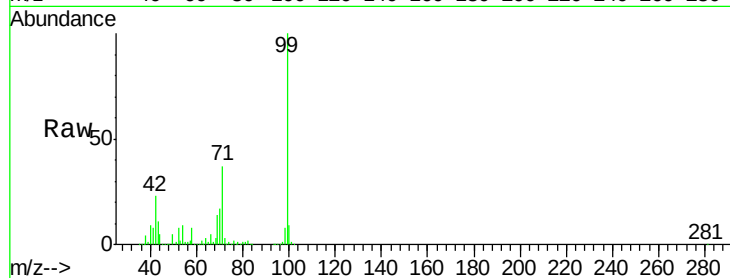
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1920996

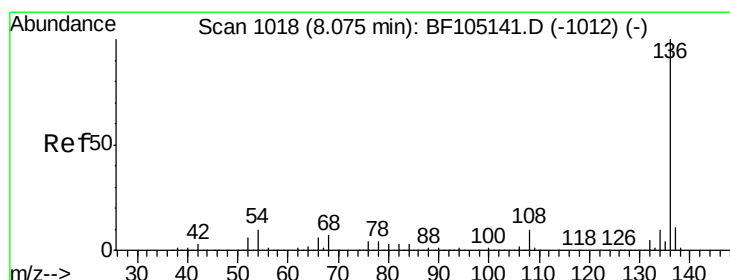
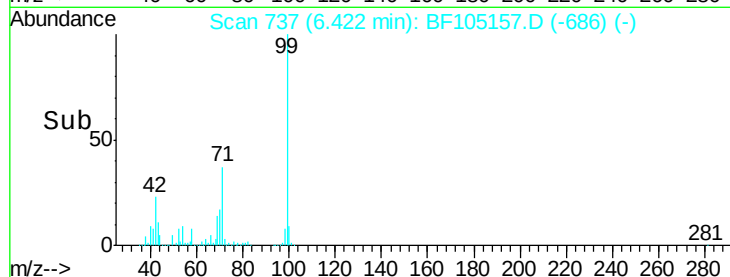
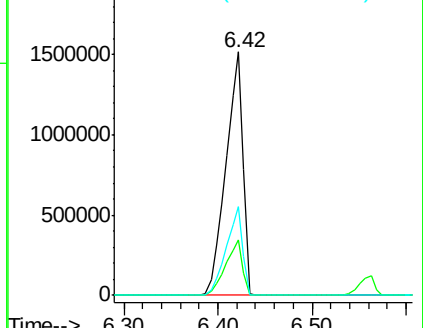
Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	36.7	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

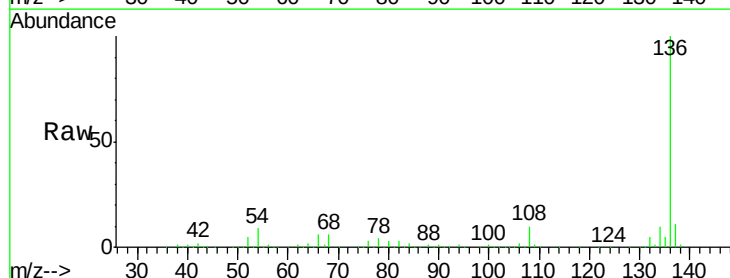
Delta R.T. -0.00 min

Lab File: BF105157.D

Acq: 8 May 2018 21:12

Tgt Ion: 136 Resp: 832307

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.3	6.6	9.8
68	6.0	5.0	7.4

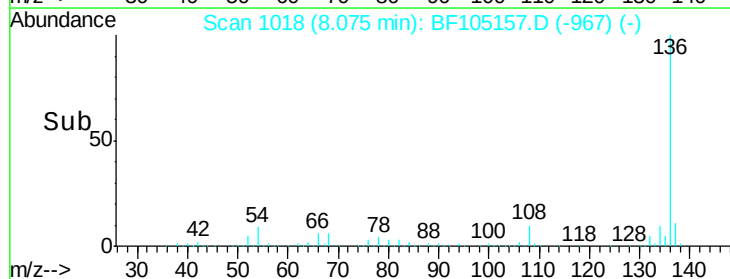
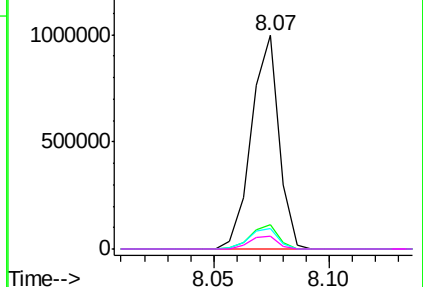


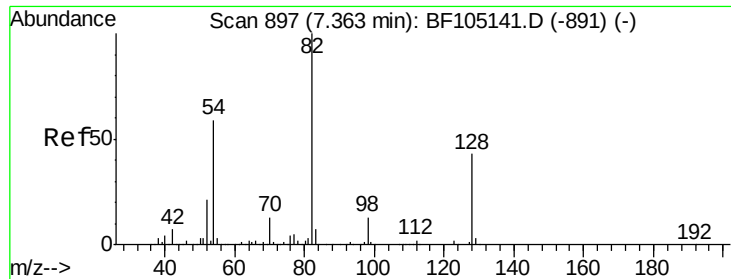
Abundance Ion 136.00 (135.70 to 136.70): E

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

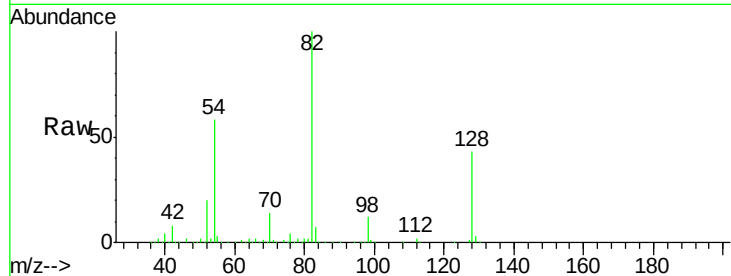




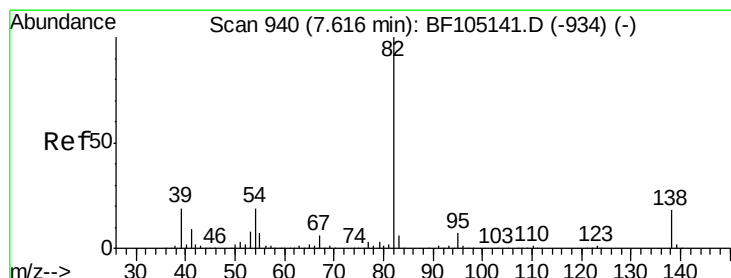
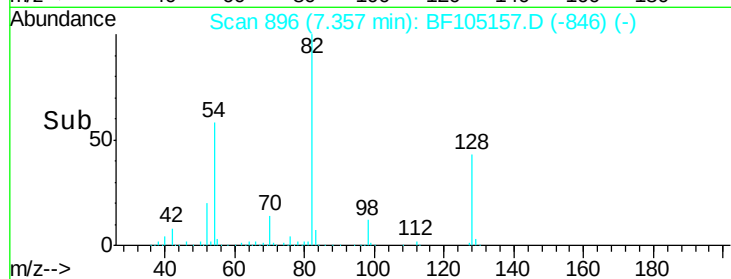
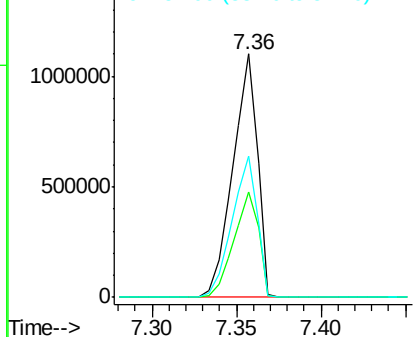
#23
Nitrobenzene-d5
Concen: 90.07 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1106064
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 58.2 41.4 62.2

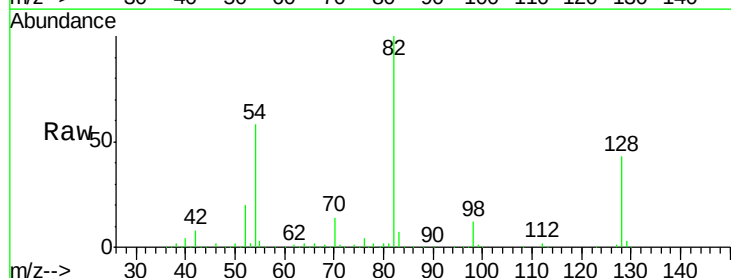


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

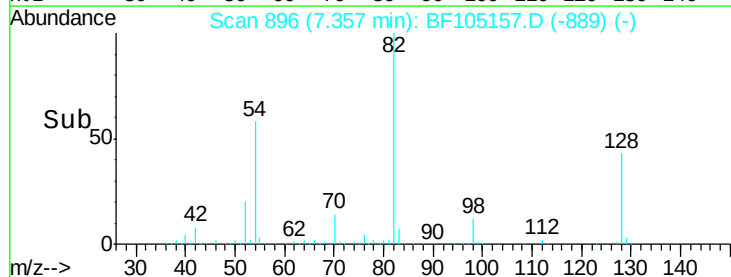
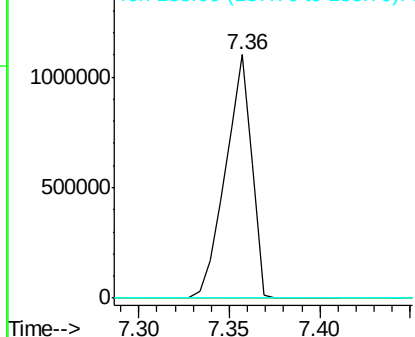


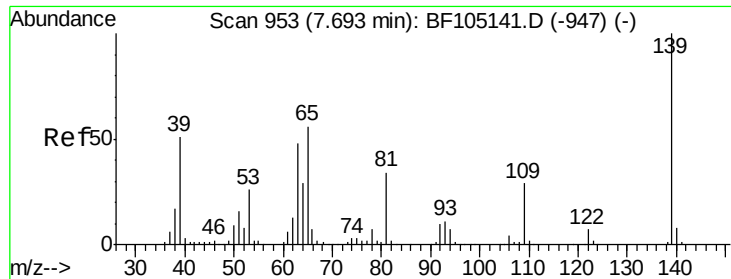
#25
Isophorone
Concen: 40.25 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Tgt Ion: 82 Resp: 1105452
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

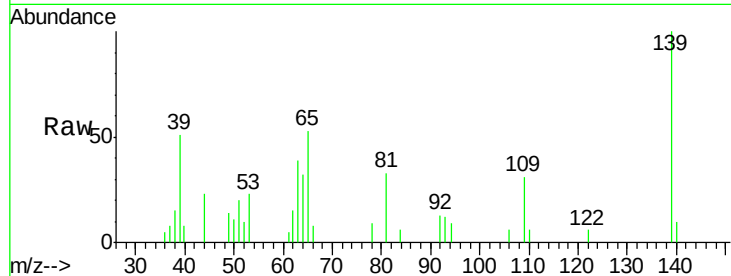




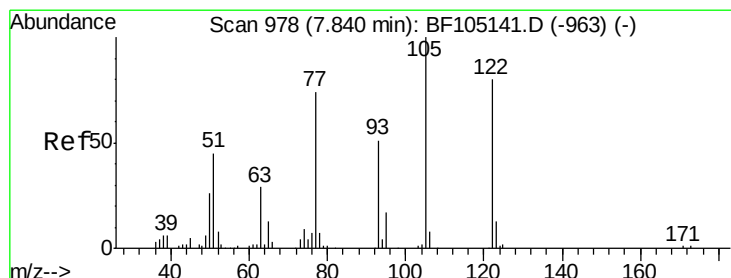
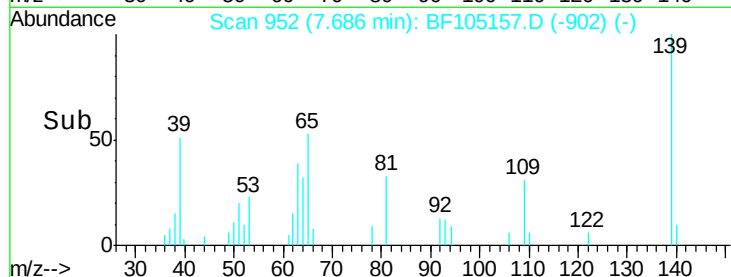
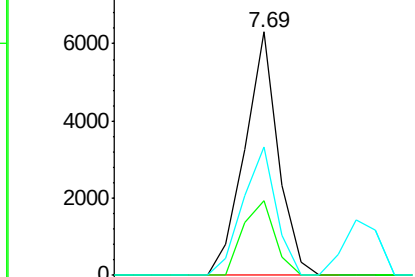
#26
2-Nitrophenol
Concen: 10.58 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 4610
Ion Ratio Lower Upper
139 100
109 30.7 22.7 34.1
65 53.0 40.5 60.7

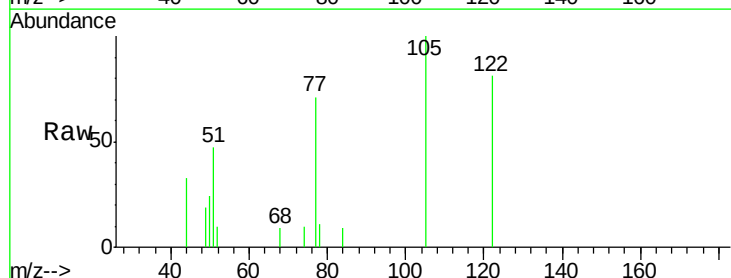


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

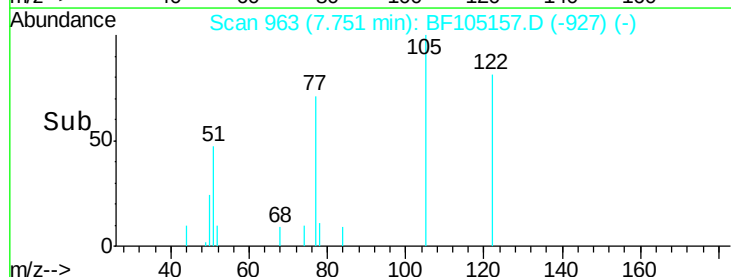
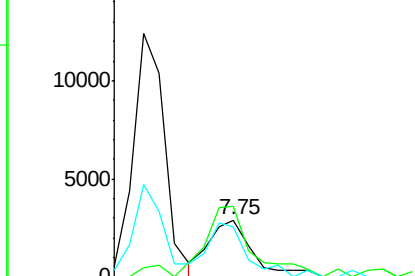


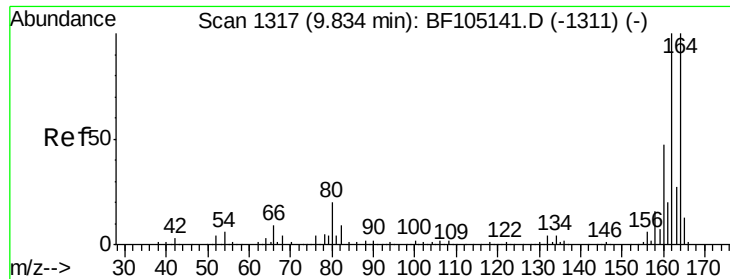
#32
Benzoic acid
Concen: 9.62 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Tgt Ion:122 Resp: 3516
Ion Ratio Lower Upper
122 100
105 123.8 101.1 141.1
77 87.4 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

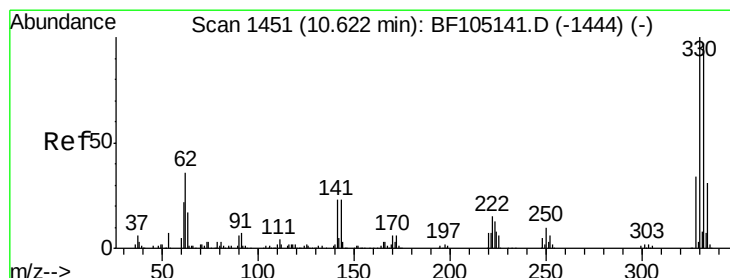
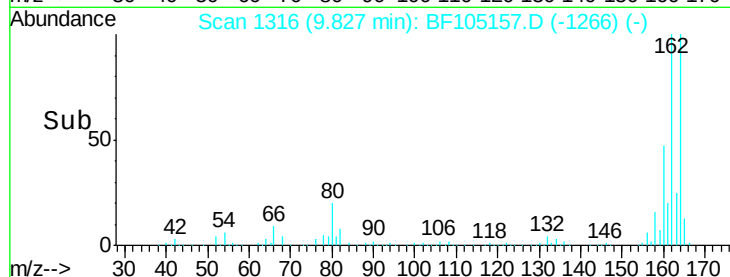
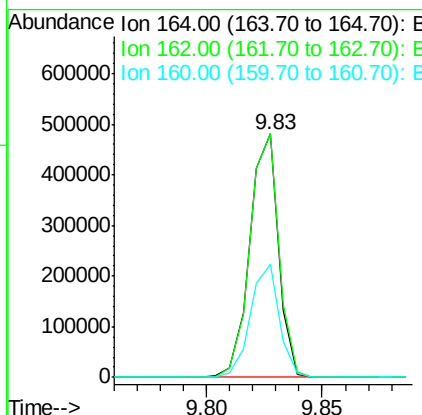
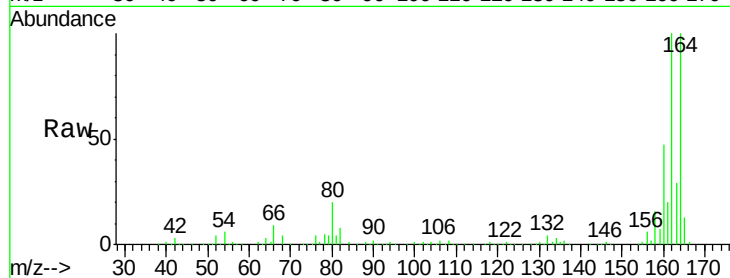




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105157.D
 Acq: 8 May 2018 21:12

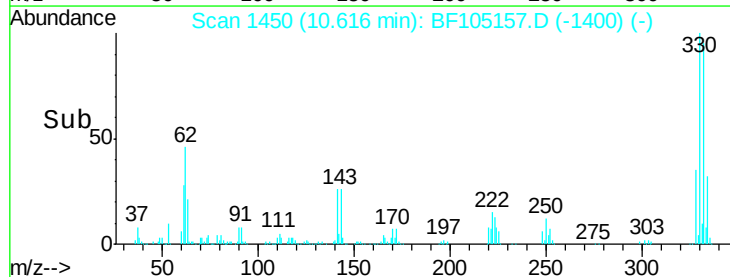
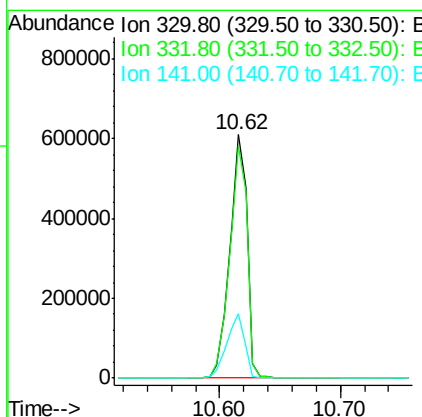
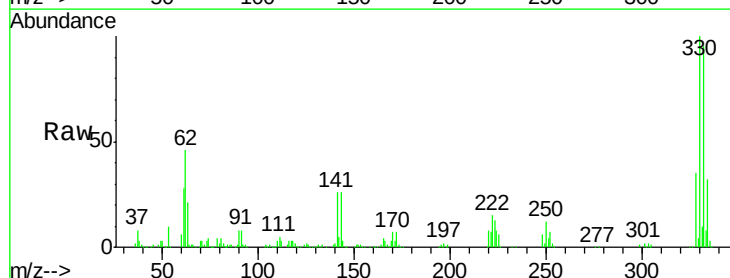
Instrument :
 BNA_F
 ClientSampleId :

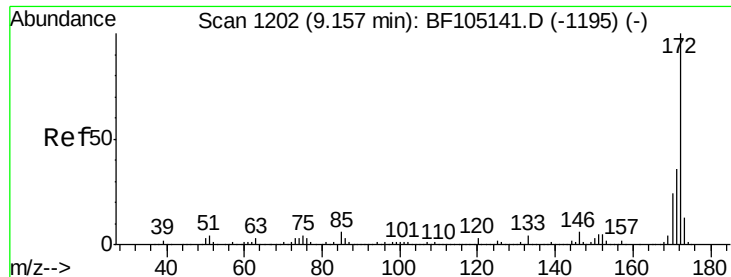
Tot Ion:164 Resp: 416284
 Ion Ratio Lower Upper
 164 100
 162 99.8 86.1 129.1
 160 46.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 132.65 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105157.D
 Acq: 8 May 2018 21:12

Tgt Ion:330 Resp: 609207
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 26.8 29.9 44.9#

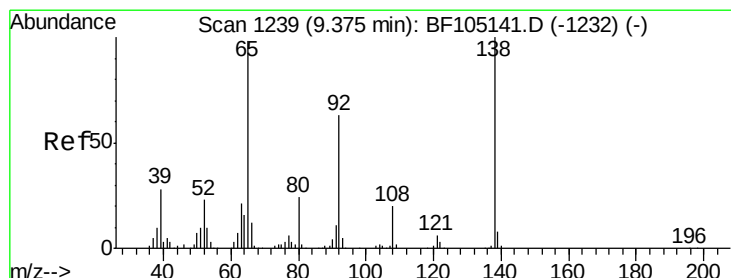
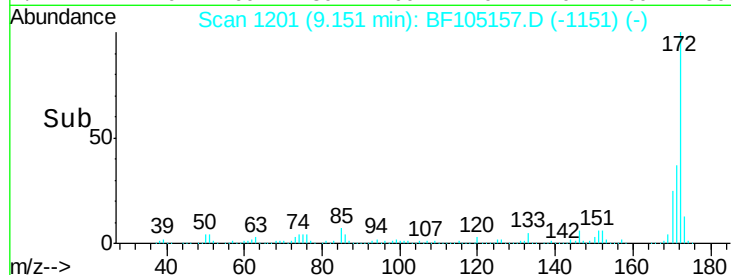
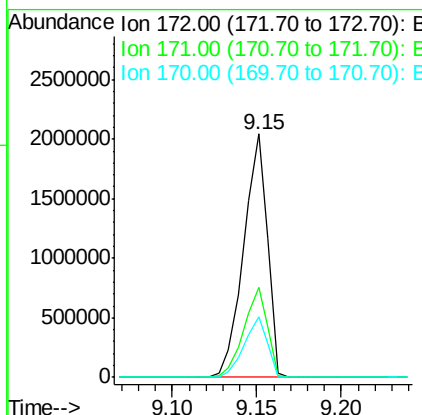
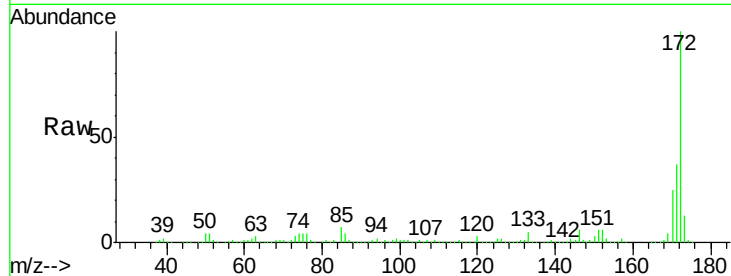




#44
2-Fluorobiphenyl
Concen: 74.86 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

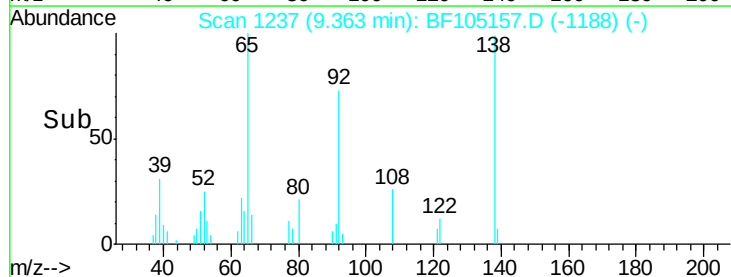
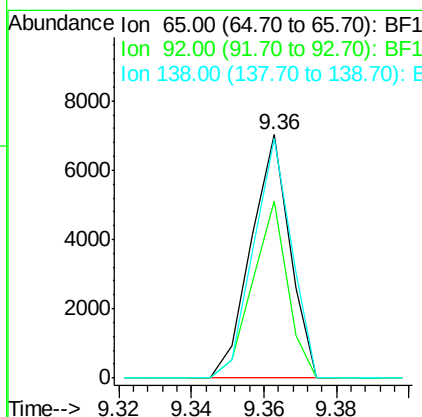
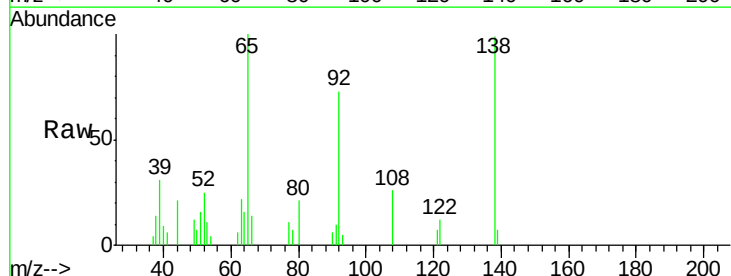
Instrument :
BNA_F
ClientSampleId :

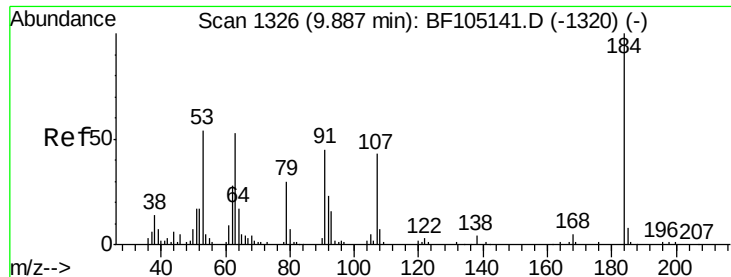
Tot Ion:172 Resp: 2007875
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.7 19.6 29.4



#47
2-Nitroaniline
Concen: 6.42 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Tgt Ion: 65 Resp: 5188
Ion Ratio Lower Upper
65 100
92 72.9 55.8 83.6
138 98.5 91.2 136.8

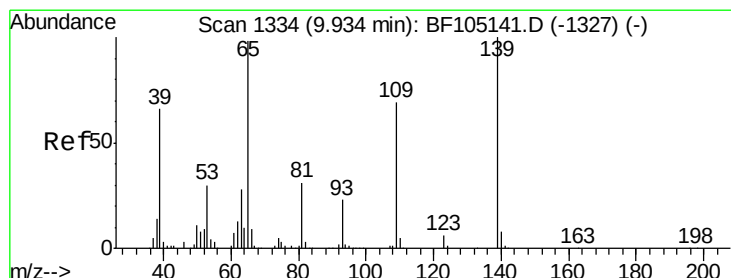
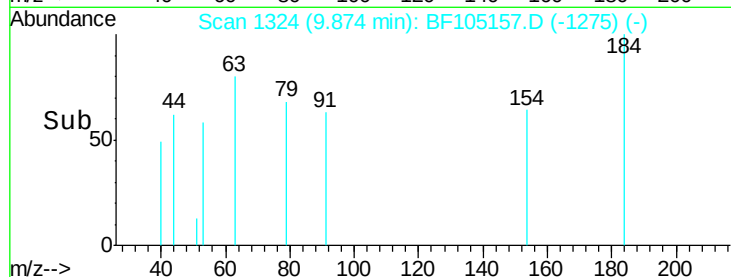
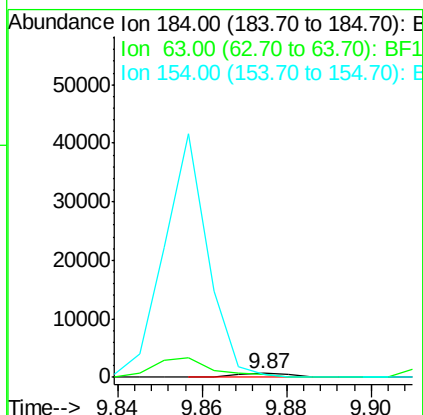
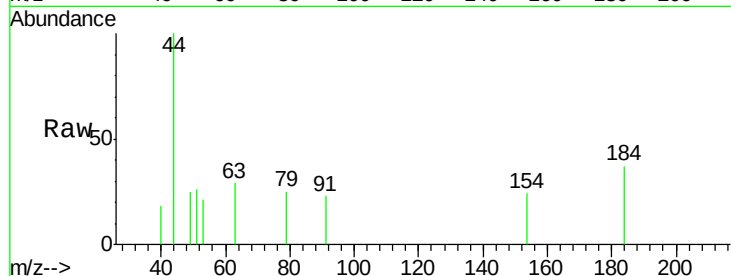




#53
 2,4-Dinitrophenol
 Concen: 9.65 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF105157.D
 Acq: 8 May 2018 21:12

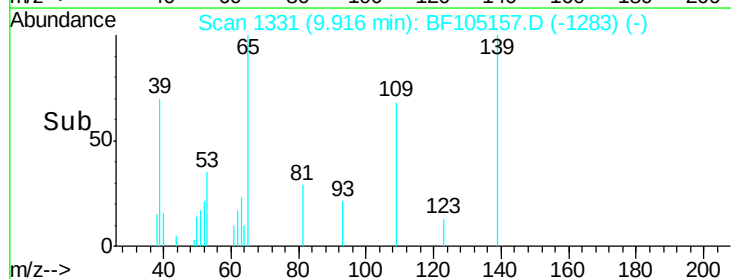
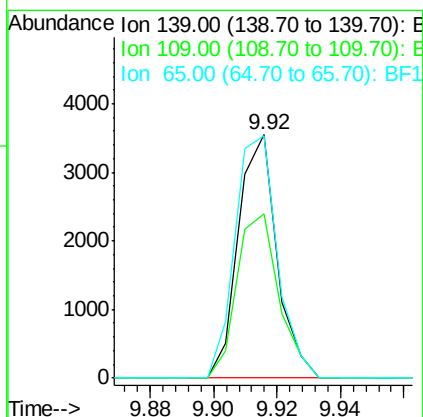
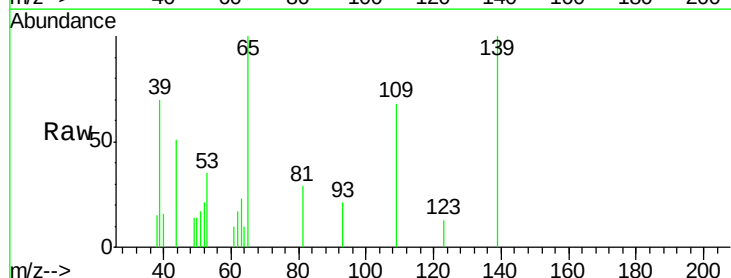
Instrument :
 BNA_F
 ClientSampled :

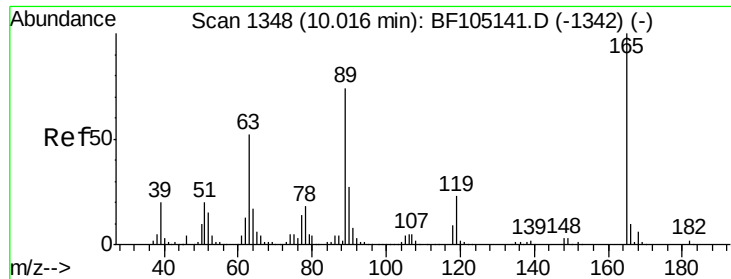
Tot Ion:184 Resp: 546
 Ion Ratio Lower Upper
 184 100
 63 79.9 54.2 81.2
 154 64.5 184.0 276.0#



#55
 4-Nitrophenol
 Concen: 4.79 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF105157.D
 Acq: 8 May 2018 21:12

Tgt Ion:139 Resp: 2988
 Ion Ratio Lower Upper
 139 100
 109 67.7 48.4 88.4
 65 99.6 72.6 112.6

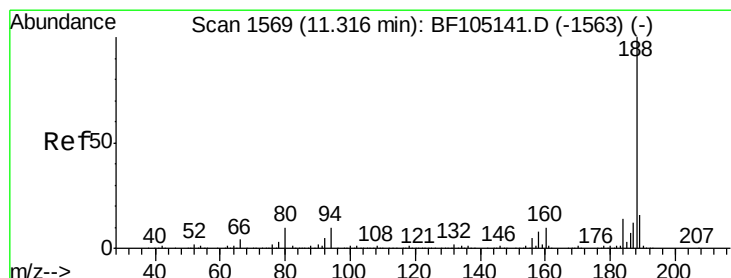
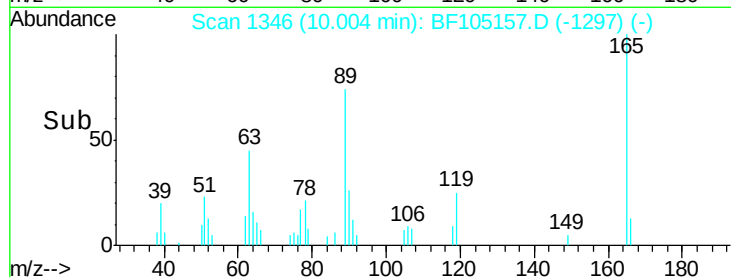
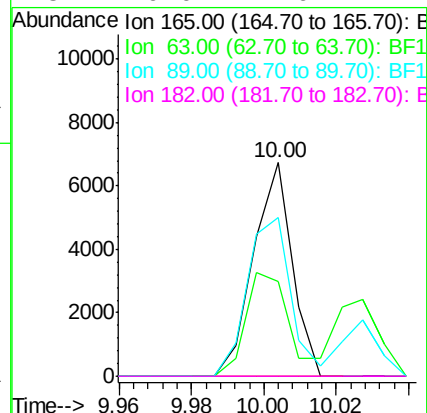
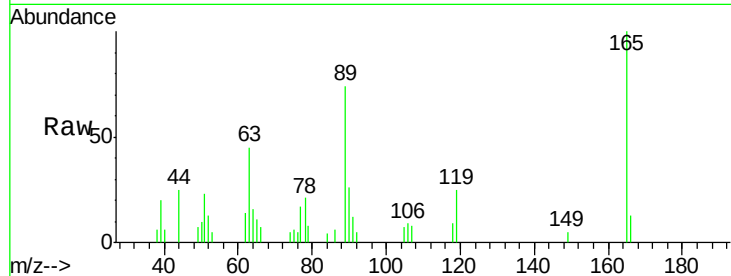




#56
 2,4-Dinitrotoluene
 Concen: 4.18 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF105157.D
 Acq: 8 May 2018 21:12

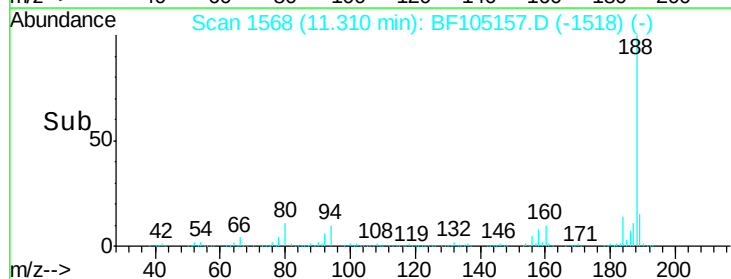
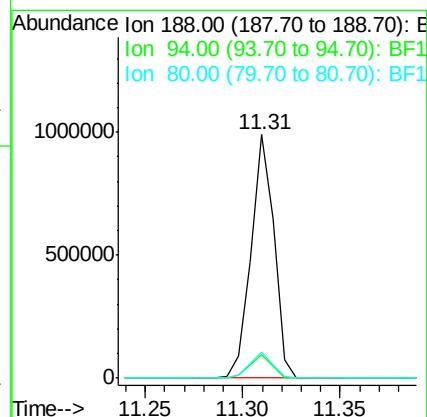
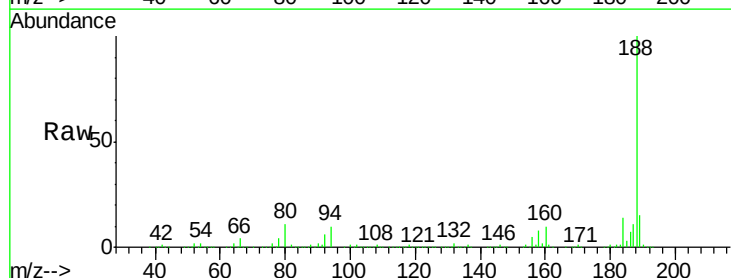
Instrument :
 BNA_F
 ClientSampleId :

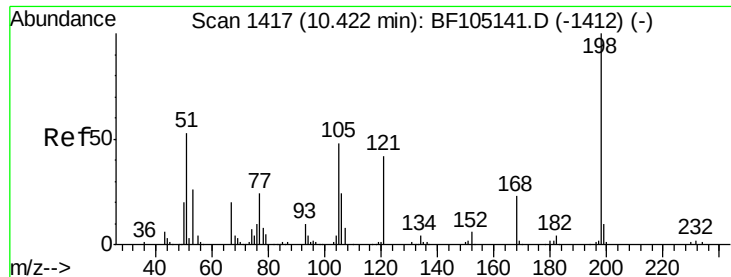
Tot Ion:165	Resp:	5035
Ion Ratio	Lower	Upper
165	100	
63	44.5	36.4 54.6
89	74.0	57.8 86.6
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105157.D
 Acq: 8 May 2018 21:12

Tgt Ion:188	Resp:	805480
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.5 12.7
80	10.7	9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 9.29 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BF105157.D

Acq: 8 May 2018 21:12

Instrument :

BNA_F

ClientSampleId :

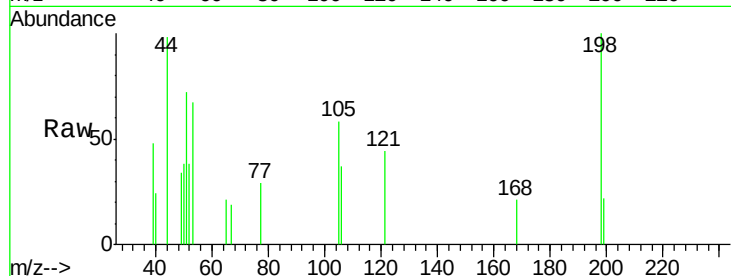
Tot Ion:198 Resp: 1502

Ion Ratio Lower Upper

198 100

51 71.8 37.7 77.7

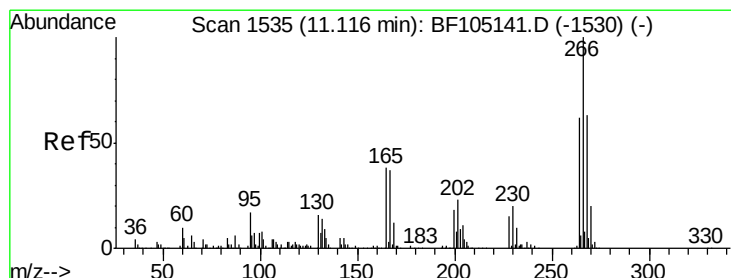
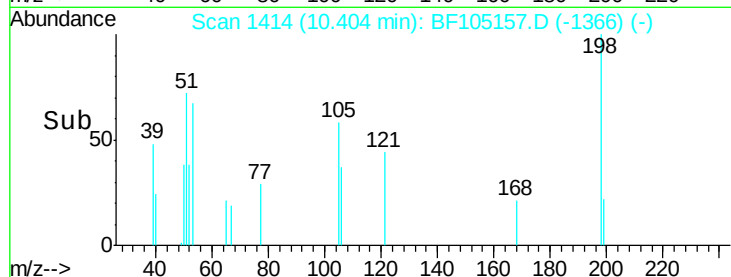
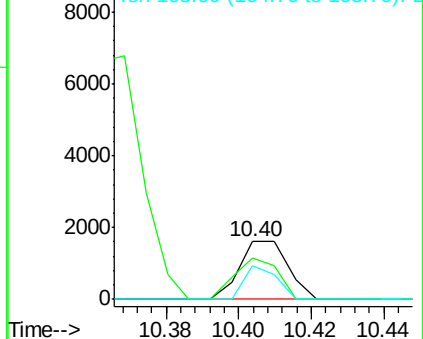
105 57.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#69

Pentachlorophenol

Concen: 3.87 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF105157.D

Acq: 8 May 2018 21:12

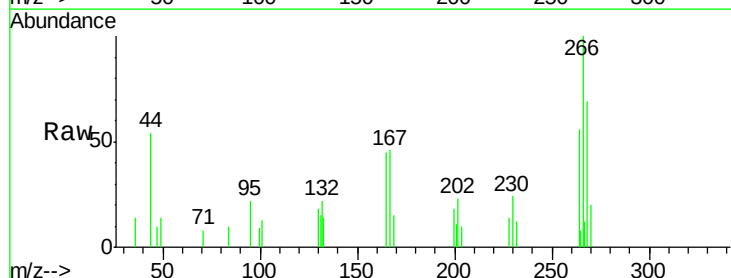
Tgt Ion:266 Resp: 3902

Ion Ratio Lower Upper

266 100

268 68.6 51.1 76.7

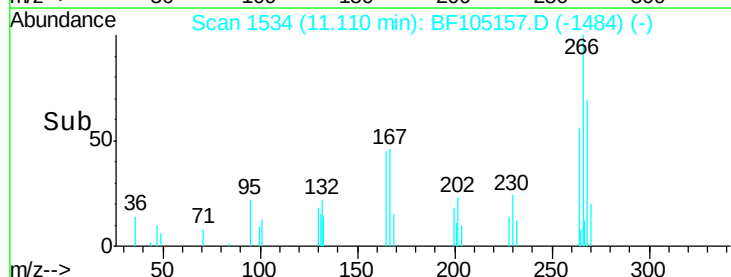
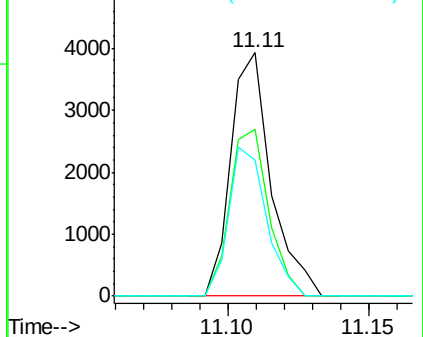
264 55.7 49.5 74.3

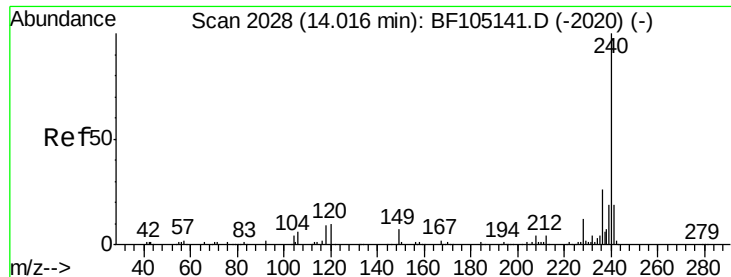


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105157.D

Acq: 8 May 2018 21:12

Instrument :

BNA_F

ClientSampleId :

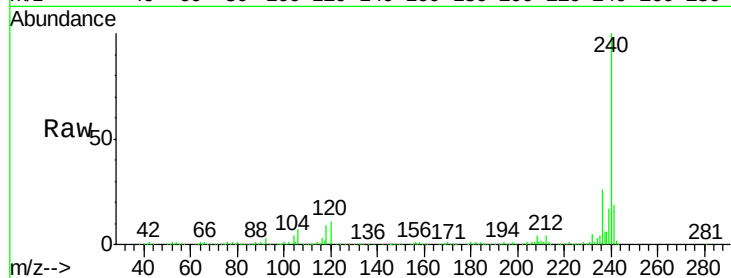
Tot Ion:240 Resp: 696167

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

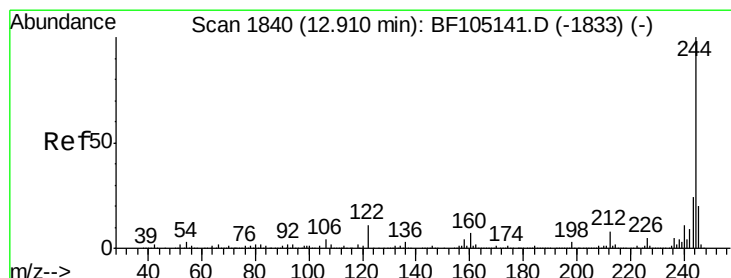
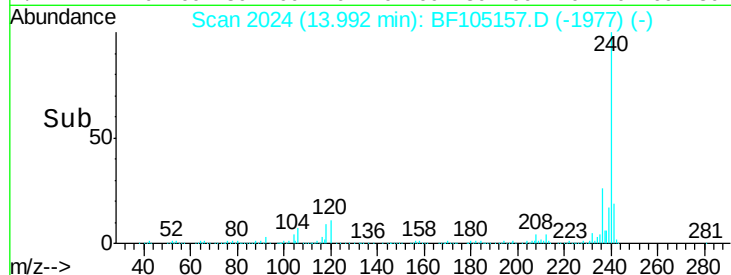
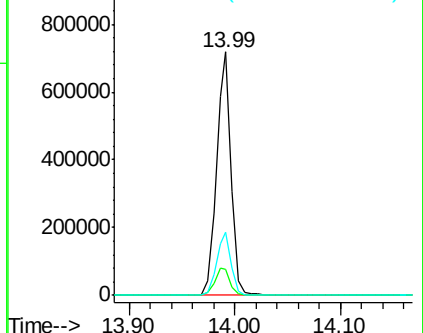
236 26.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 75.17 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105157.D

Acq: 8 May 2018 21:12

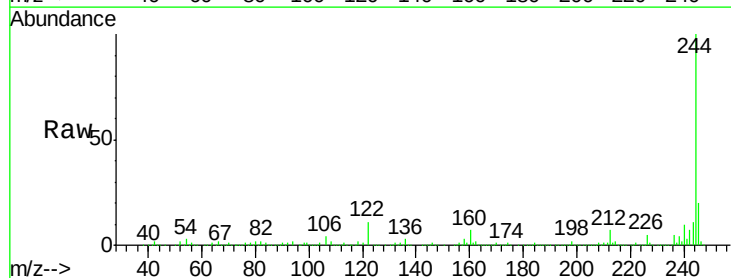
Tgt Ion:244 Resp: 2252957

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

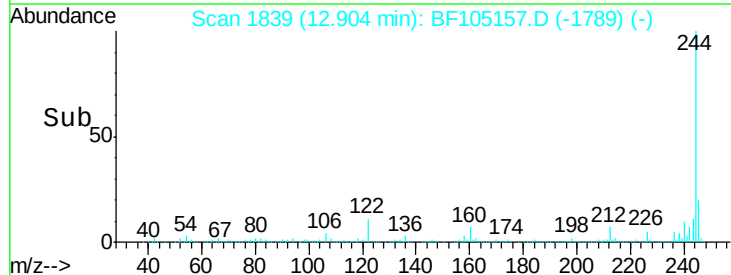
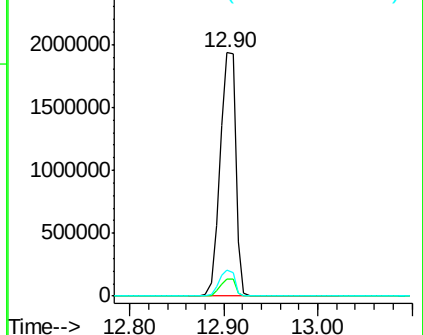
122 10.9 11.0 16.4#

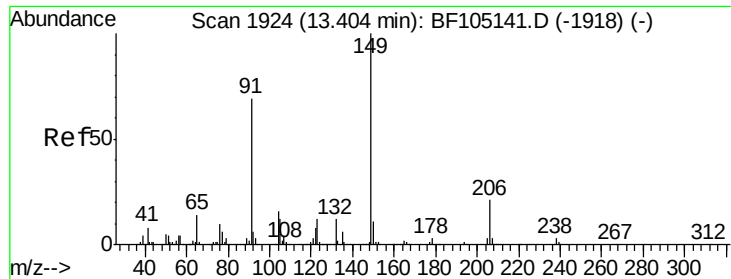


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

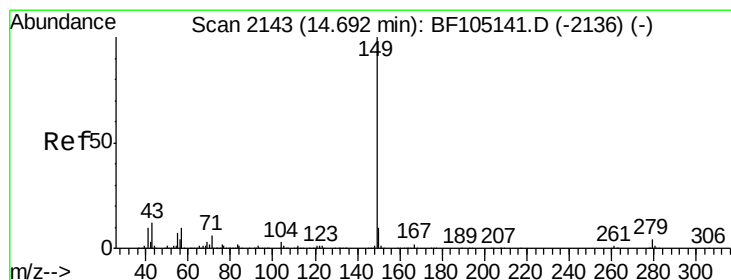
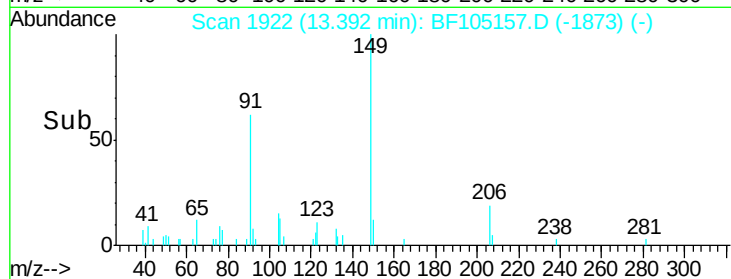
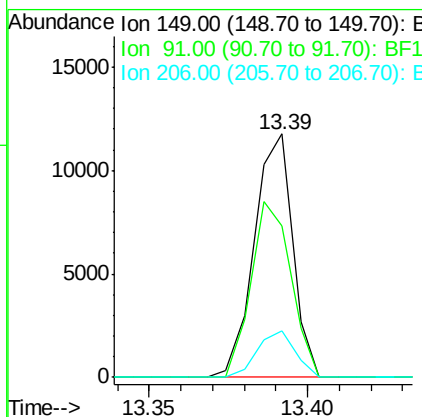
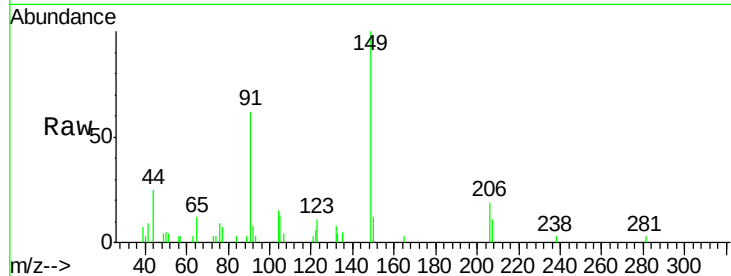




#79
Butylbenzylphthalate
Concen: 7.36 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

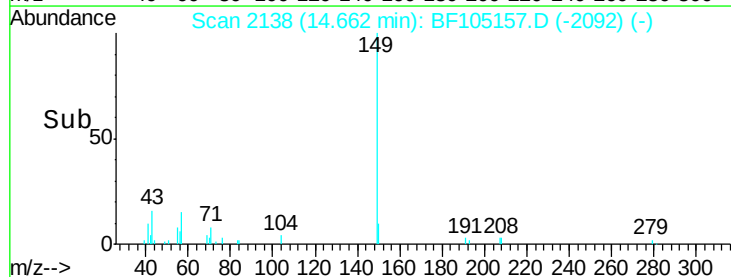
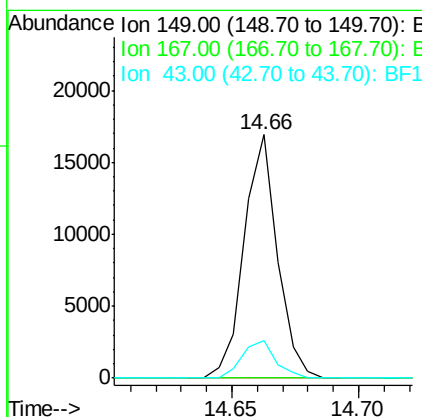
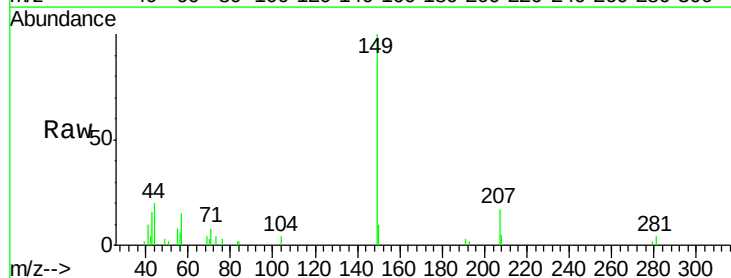
Instrument :
BNA_F
ClientSampleId :

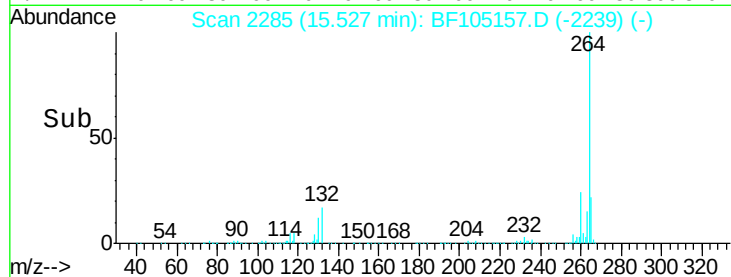
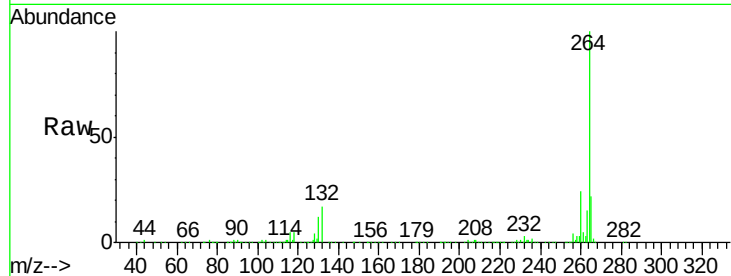
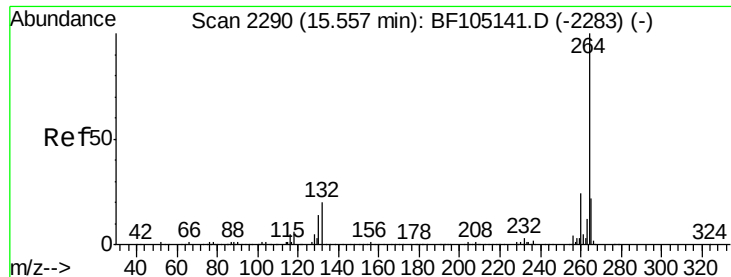
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.3	56.8	85.2
206	19.1	14.1	21.1



#84
Di-n-octyl phthalate
Concen: 7.26 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.03 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	15.3	8.4	12.6#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.03 min
Lab File: BF105157.D
Acq: 8 May 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	613534
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

