

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105152.D
 Acq On : 8 May 2018 19:00
 Operator : JU/SJ
 Sample : J2133-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:27:27 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

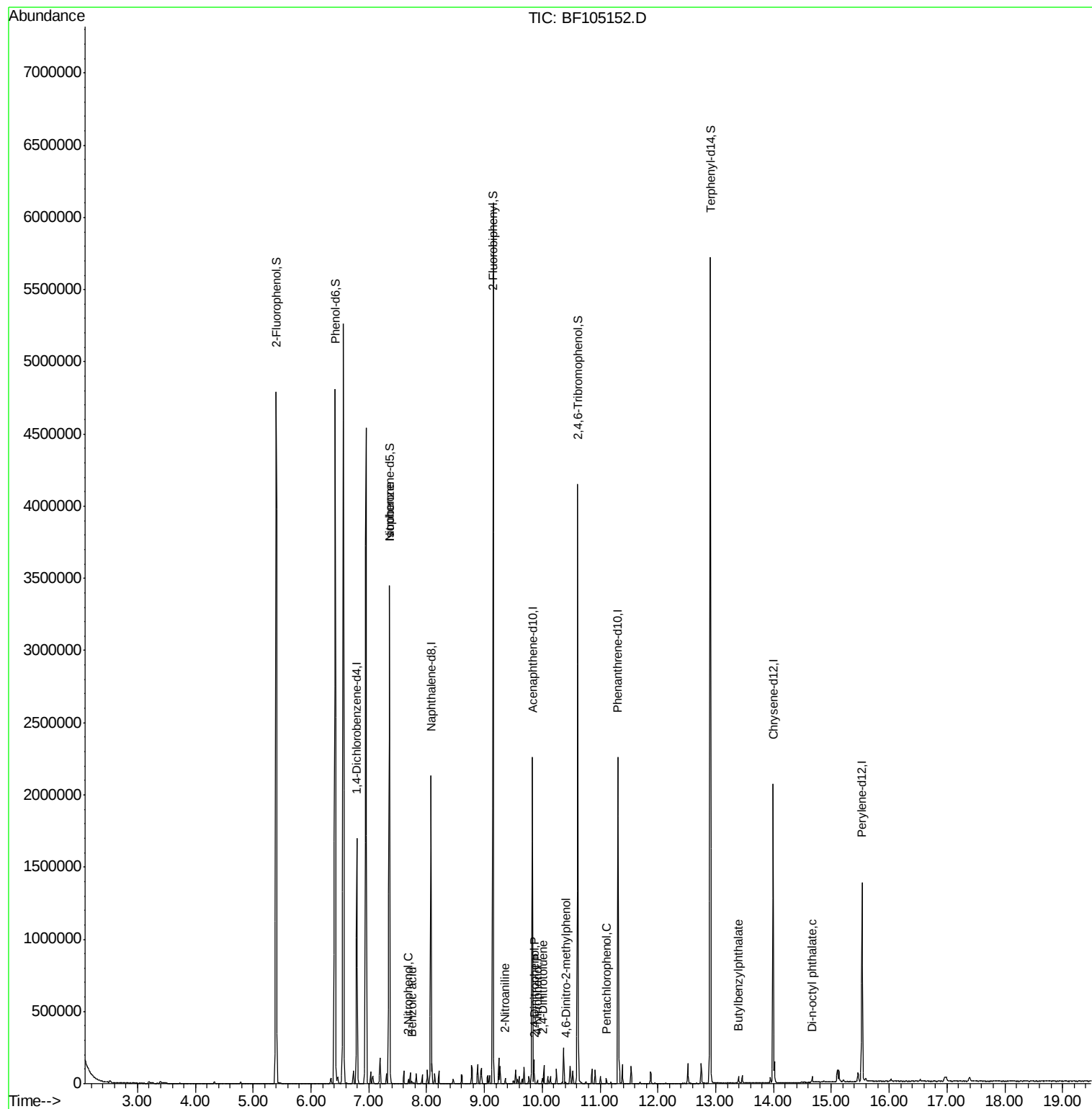
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217024	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	852184	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	418605	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	801580	20.00	ng	0.00
75) Chrysene-d12	13.99	240	702515	20.00	ng	-0.02
86) Perylene-d12	15.53	264	635606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1619644	122.95	ng	0.00
7) Phenol-d6	6.42	99	1964685	125.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	1108601	88.17	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	613376	132.81	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2043743	75.78	ng	0.00
78) Terphenyl-d14	12.91	244	2235478	73.92	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	1107943	39.40	ng	Qvalue # 64
26) 2-Nitrophenol	7.69	139	4306	10.52	ng	99
32) Benzoic acid	7.75	122	3771	9.64	ng	90
47) 2-Nitroaniline	9.36	65	4864	6.38	ng	# 86
53) 2,4-Dinitrophenol	9.87	184	430	9.57	ng	# 40
55) 4-Nitrophenol	9.92	139	2953	4.78	ng	94
56) 2,4-Dinitrotoluene	10.00	165	4841	4.16	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.41	198	1232	9.20	ng	97
69) Pentachlorophenol	11.11	266	4208	3.92	ng	92
79) Butylbenzylphthalate	13.39	149	11061	7.41	ng	98
84) Di-n-octyl phthalate	14.67	149	19712	7.35	ng	# 83

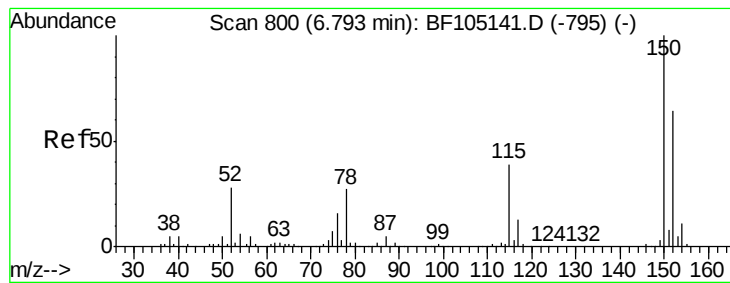
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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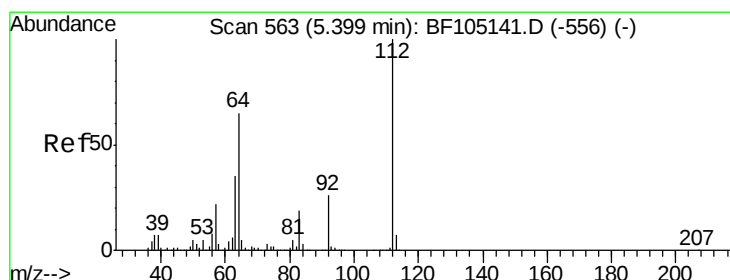
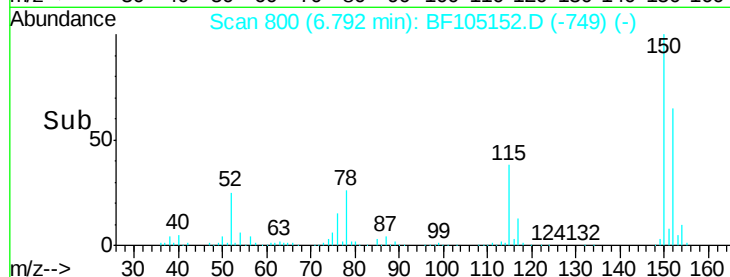
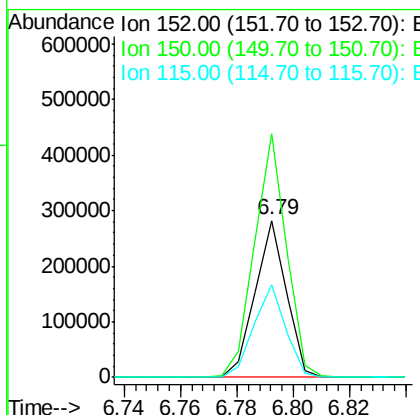
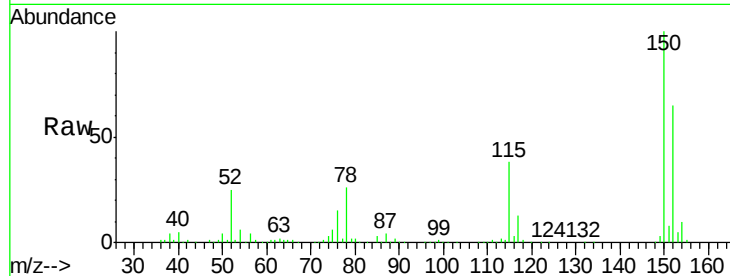




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

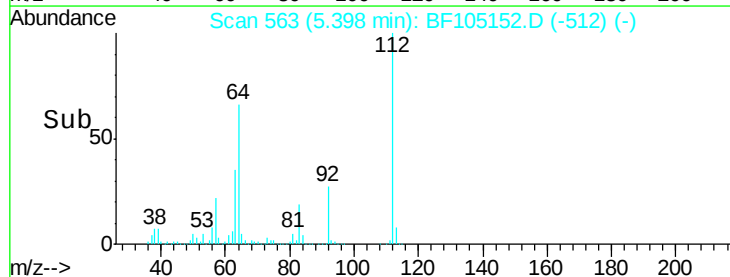
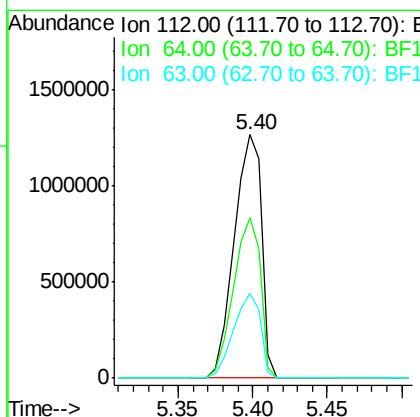
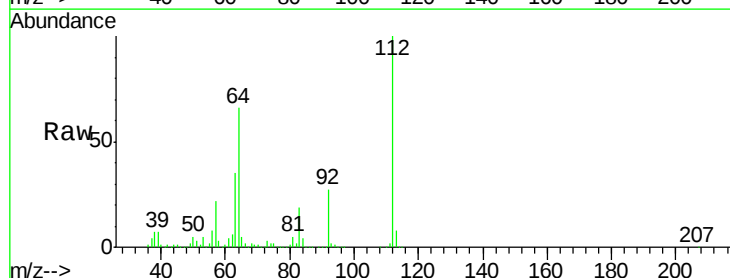
Instrument :
 BNA_F
 ClientSampled :

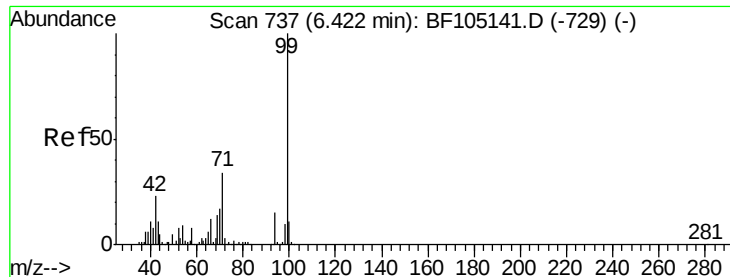
Tot Ion:152 Resp: 217024
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 58.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 122.95 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

Tgt Ion:112 Resp: 1619644
 Ion Ratio Lower Upper
 112 100
 64 65.9 47.9 71.9
 63 34.7 23.7 35.5





#7

Phenol-d6

Concen: 125.25 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105152.D

Acq: 8 May 2018 19:00

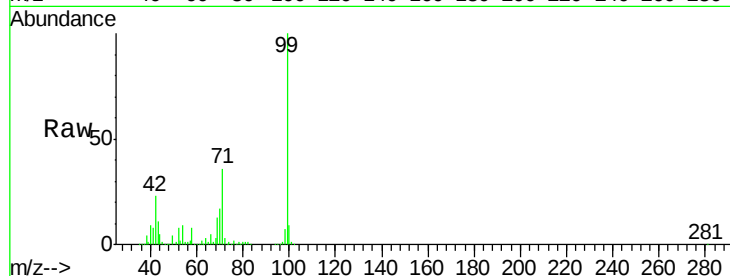
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1964685

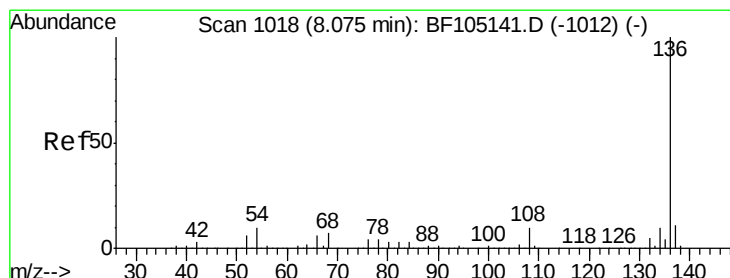
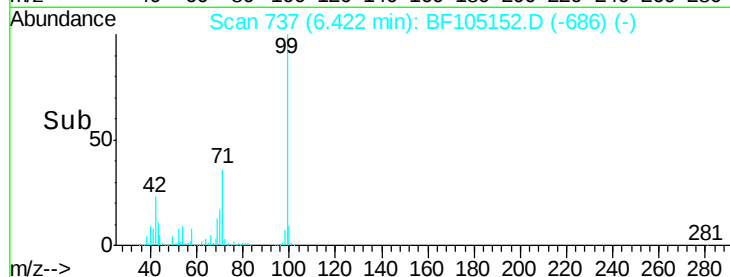
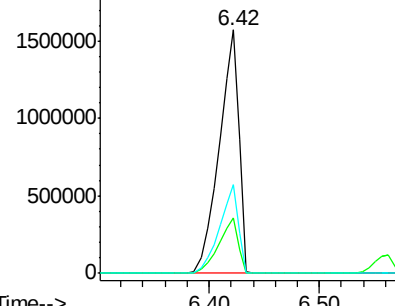
Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.3	25.4	38.0



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: BF105152.D

Acq: 8 May 2018 19:00

Tgt Ion: 136 Resp: 852184

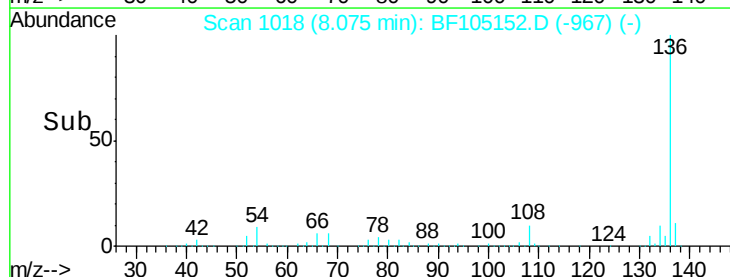
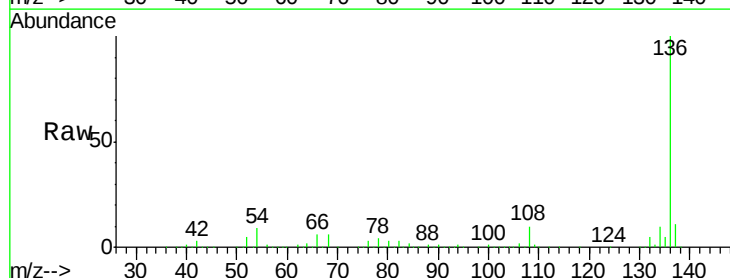
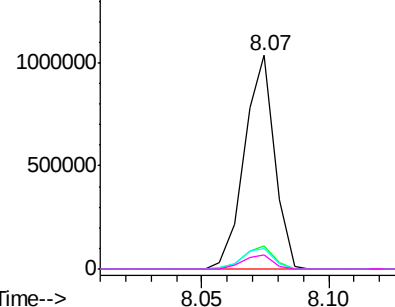
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	6.4	5.0	7.4

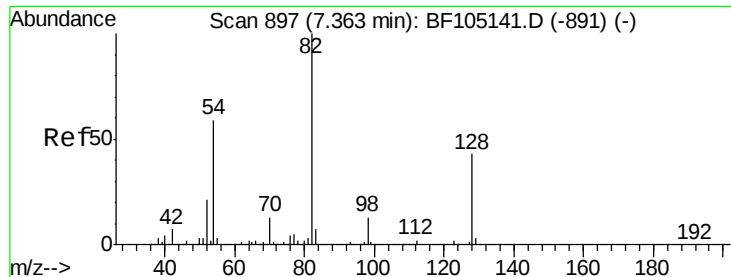
Abundance Ion 136.00 (135.70 to 136.70): E

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

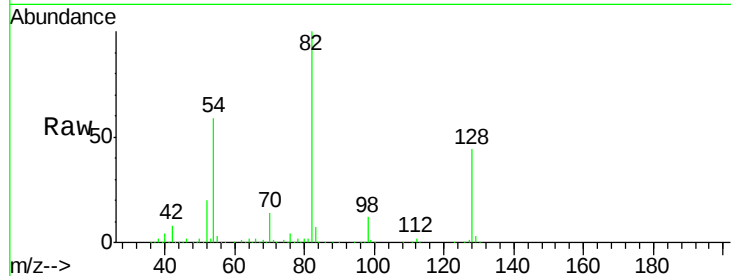




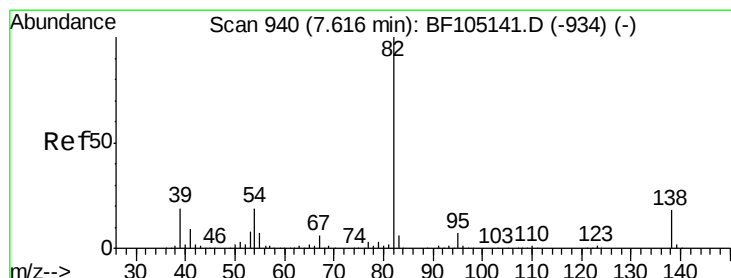
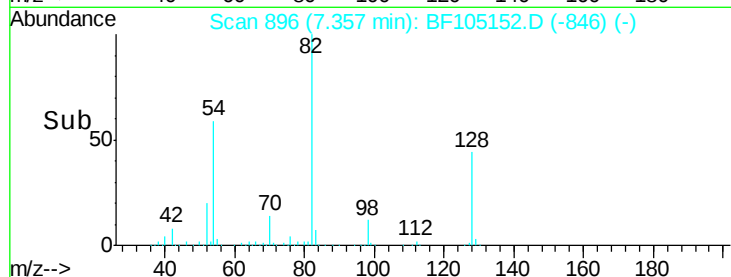
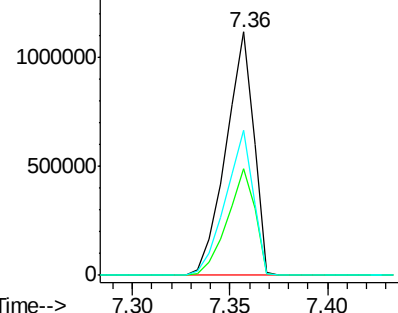
#23
 Nitrobenzene-d5
 Concen: 88.17 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1108601
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 59.4 41.4 62.2

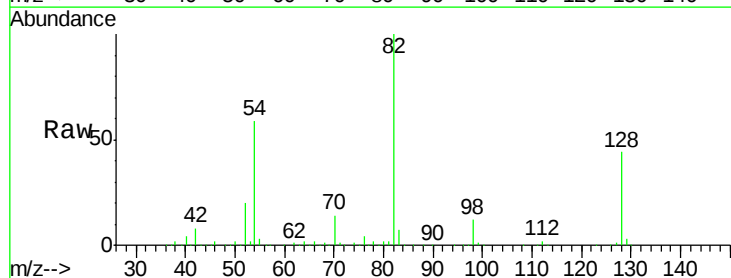


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

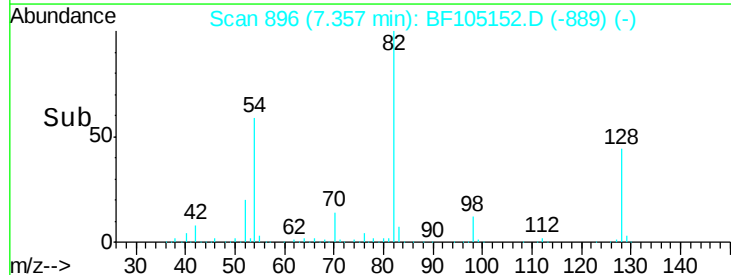
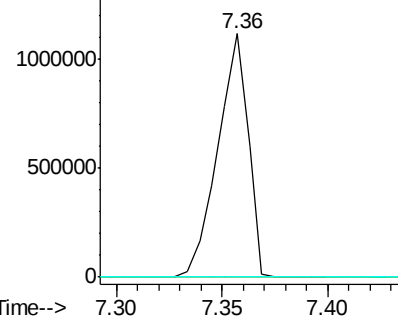


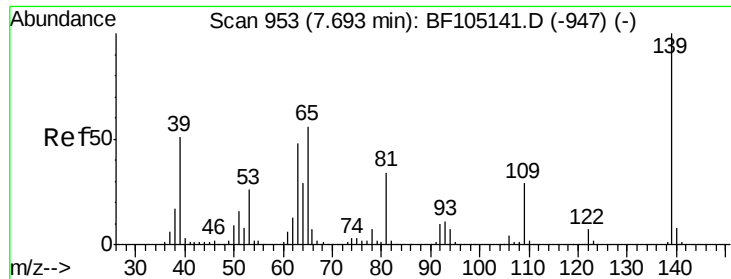
#25
 Isophorone
 Concen: 39.40 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

Tgt Ion: 82 Resp: 1107943
 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

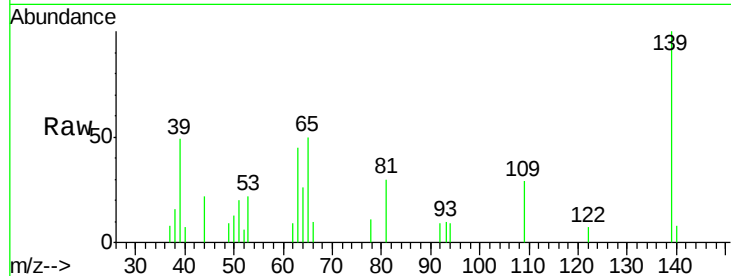




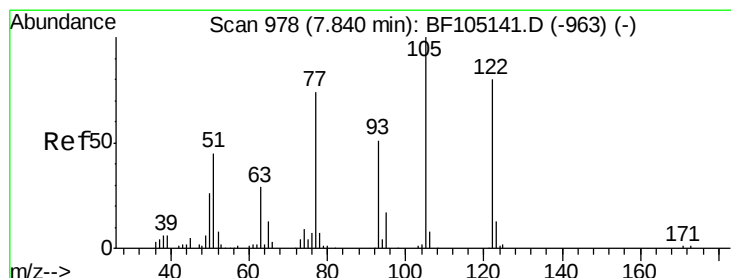
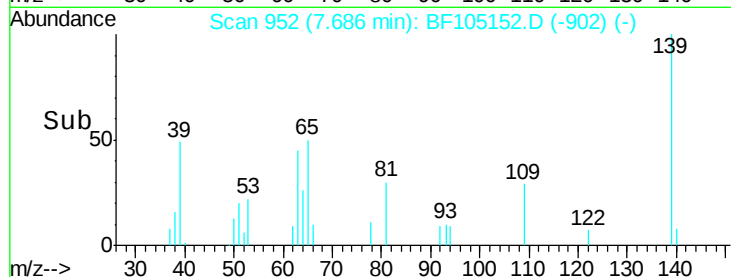
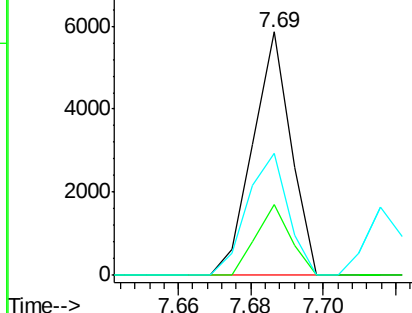
#26
2-Nitrophenol
Concen: 10.52 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 4306
Ion Ratio Lower Upper
139 100
109 29.3 22.7 34.1
65 50.1 40.5 60.7

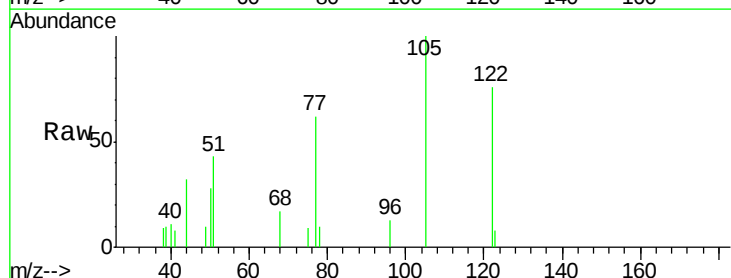


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

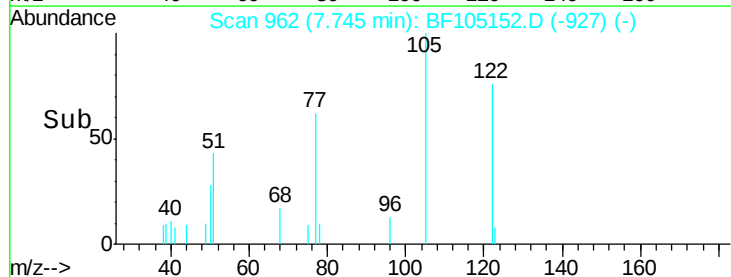
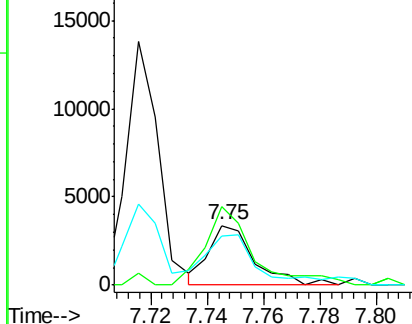


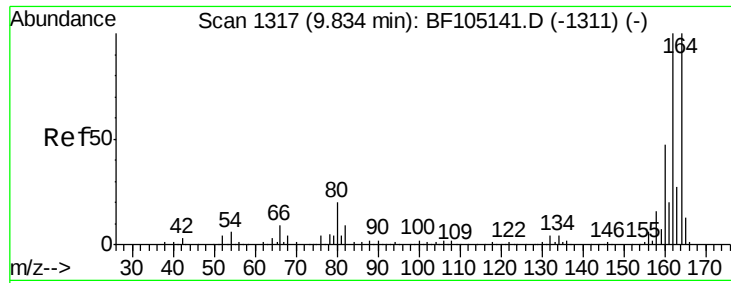
#32
Benzoic acid
Concen: 9.64 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

Tgt Ion:122 Resp: 3771
Ion Ratio Lower Upper
122 100
105 132.3 101.1 141.1
77 82.3 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

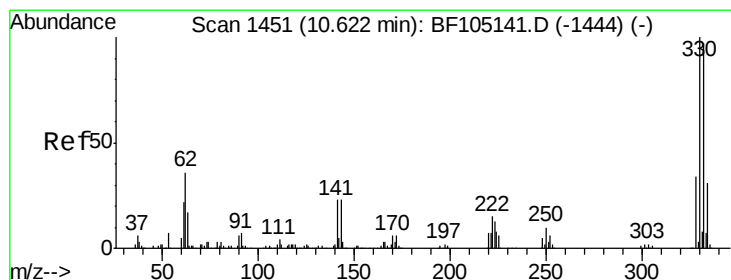
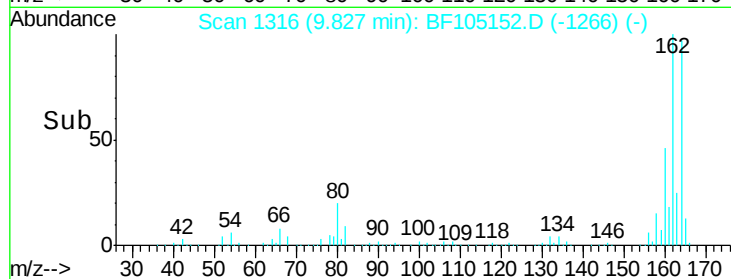
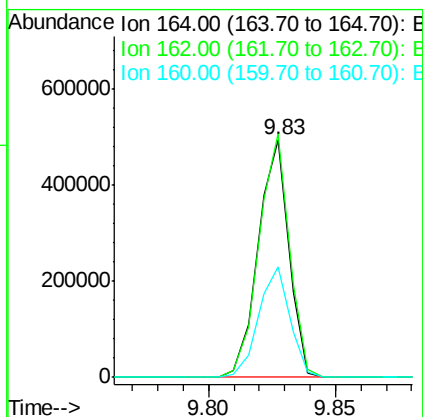
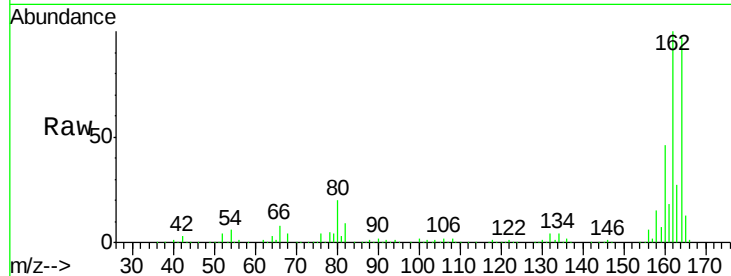




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

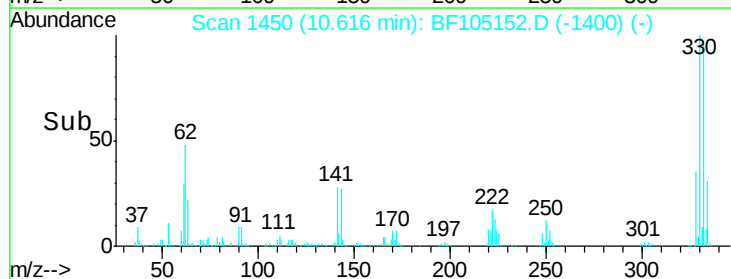
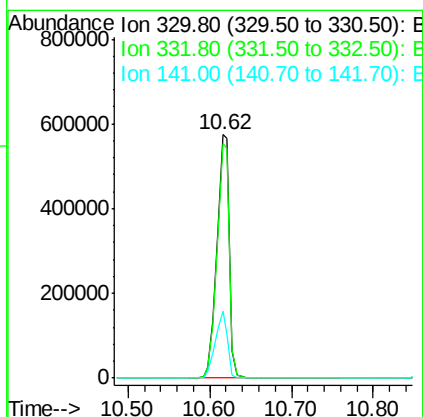
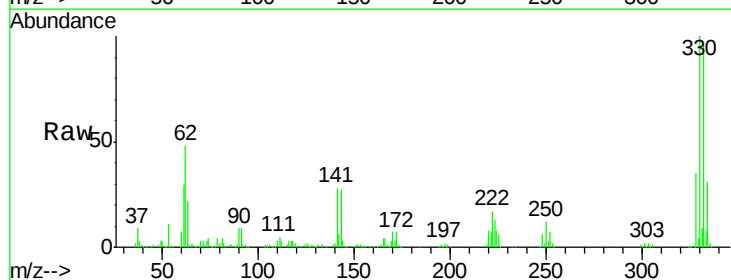
Instrument :
 BNA_F
 ClientSampleId :

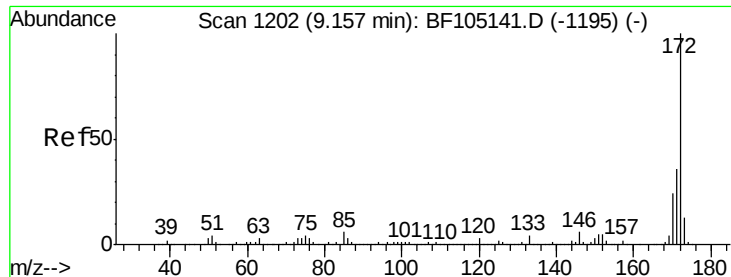
Tot Ion:164 Resp: 418605
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 132.81 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

Tgt Ion:330 Resp: 613376
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 26.9 29.9 44.9#

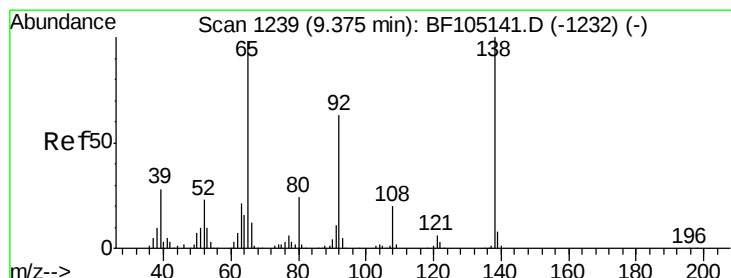
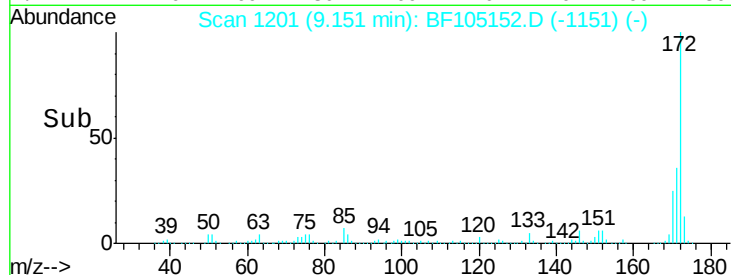
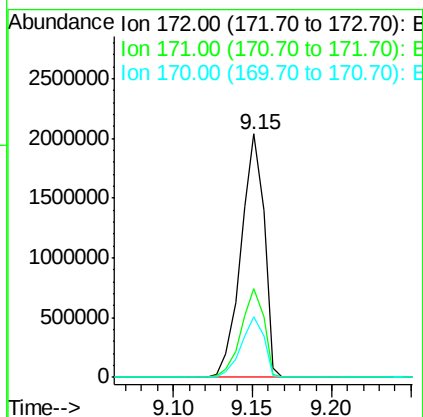
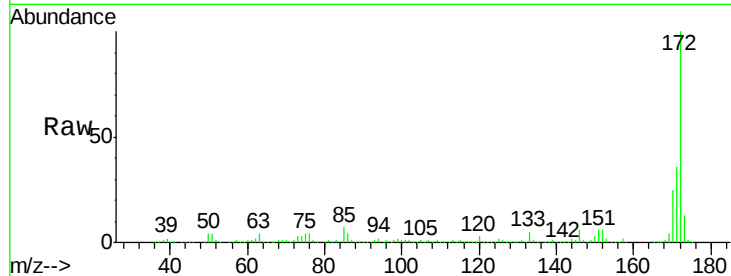




#44
2-Fluorobiphenyl
Concen: 75.78 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

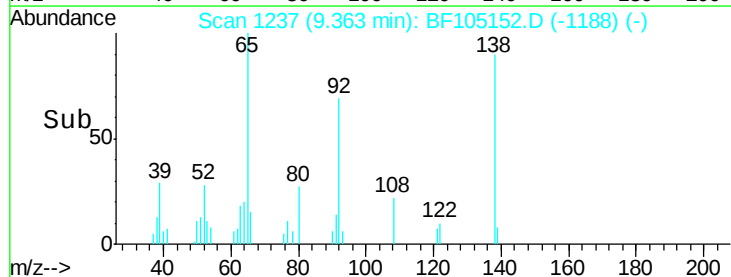
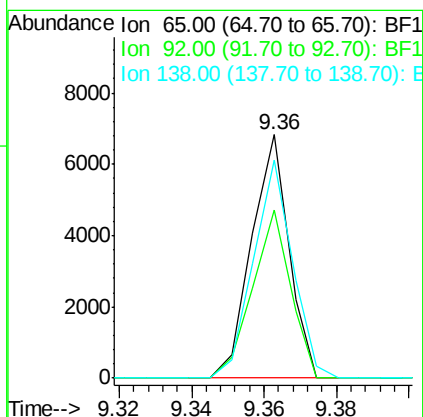
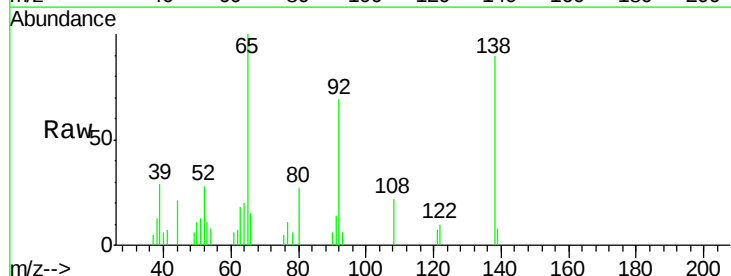
Instrument :
BNA_F
ClientSampleId :

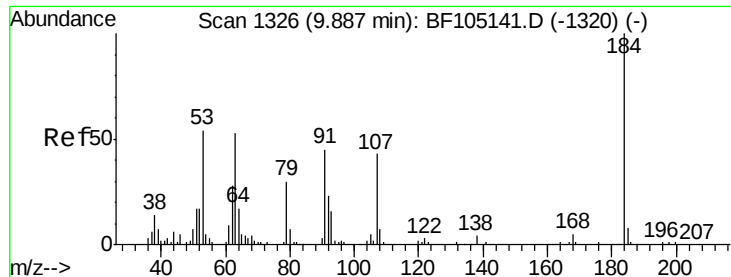
Tot Ion:172 Resp: 2043743
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.8 19.6 29.4



#47
2-Nitroaniline
Concen: 6.38 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

Tgt Ion: 65 Resp: 4864
Ion Ratio Lower Upper
65 100
92 68.9 55.8 83.6
138 89.6 91.2 136.8#

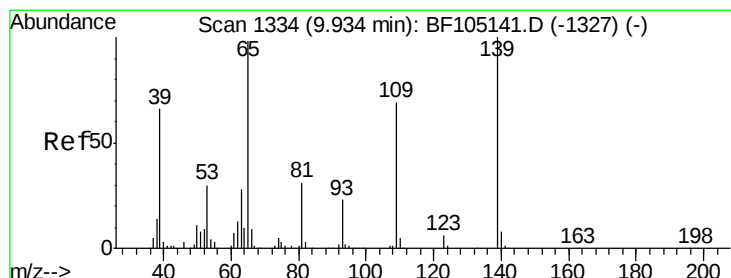
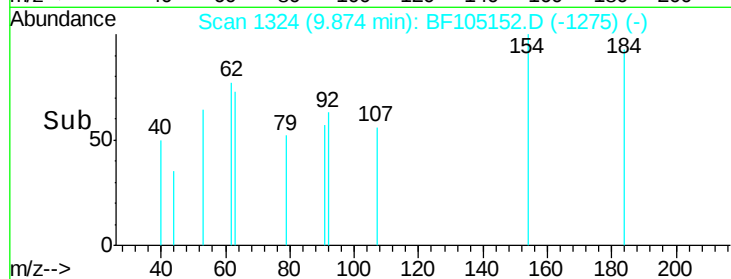
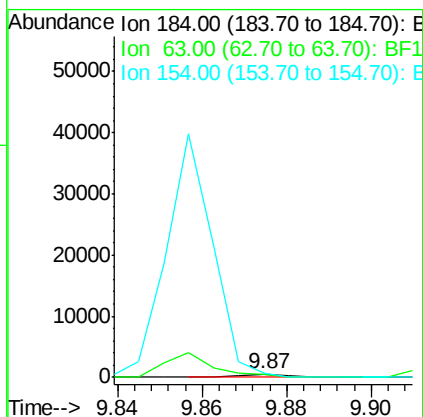
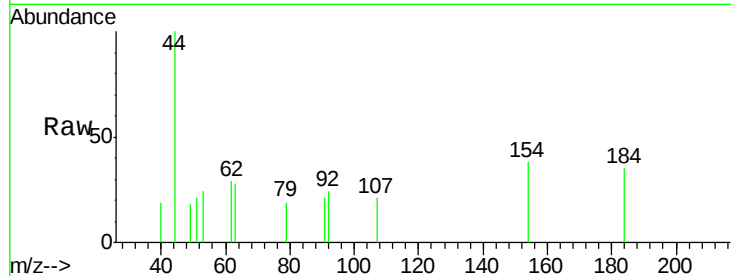




#53
2,4-Dinitrophenol
Concen: 9.57 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

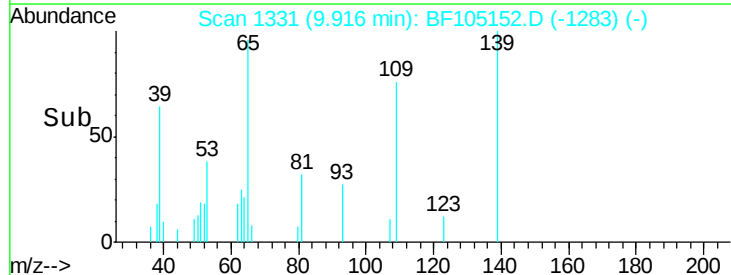
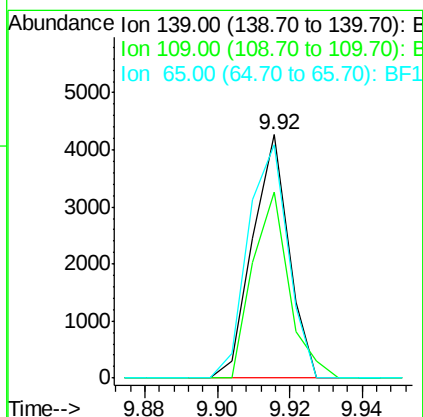
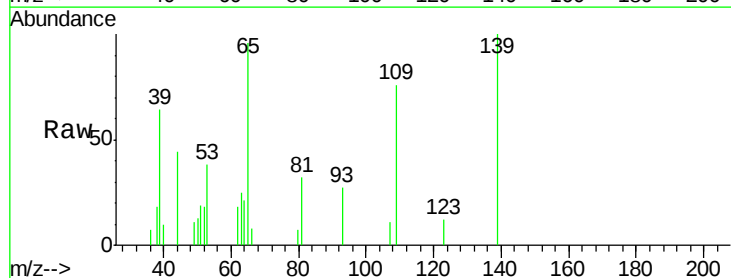
Instrument :
BNA_F
ClientSampleId :

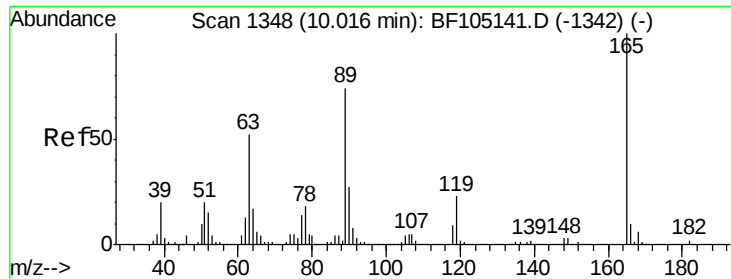
Tot Ion:184 Resp: 430
Ion Ratio Lower Upper
184 100
63 78.9 54.2 81.2
154 107.3 184.0 276.0#



#55
4-Nitrophenol
Concen: 4.78 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

Tgt Ion:139 Resp: 2953
Ion Ratio Lower Upper
139 100
109 76.4 48.4 88.4
65 96.1 72.6 112.6

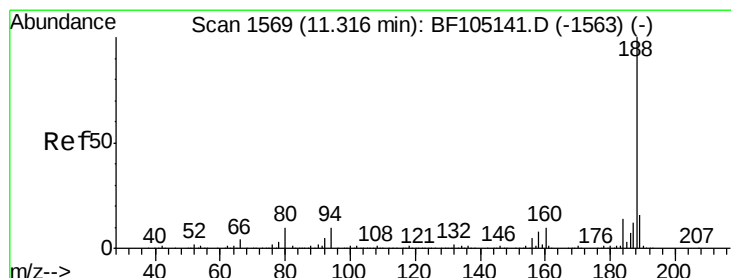
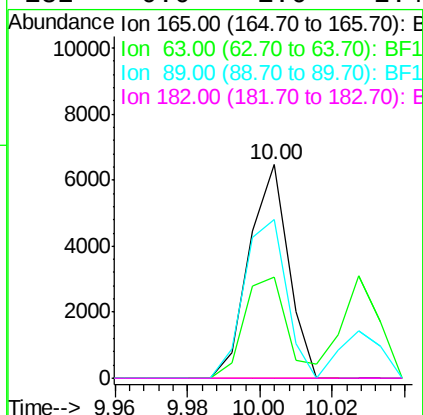
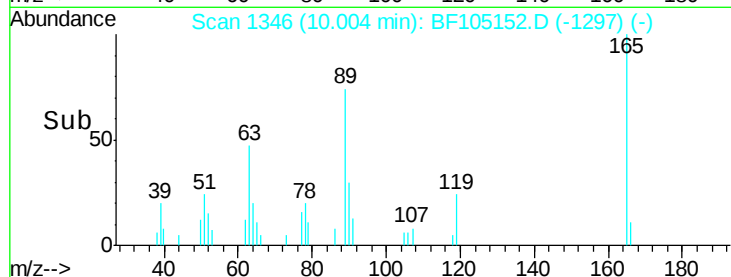
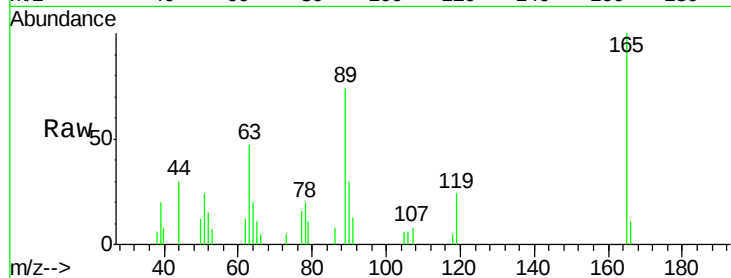




#56
 2,4-Dinitrotoluene
 Concen: 4.16 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

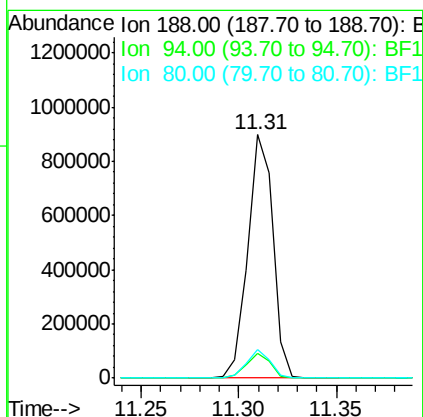
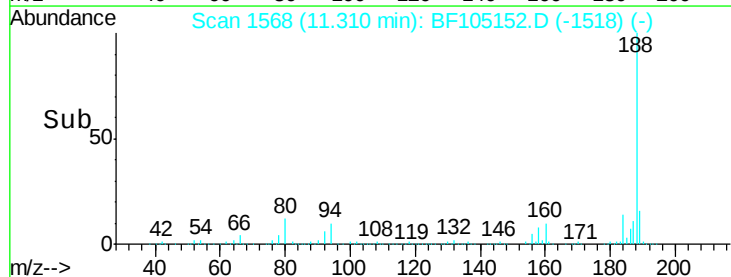
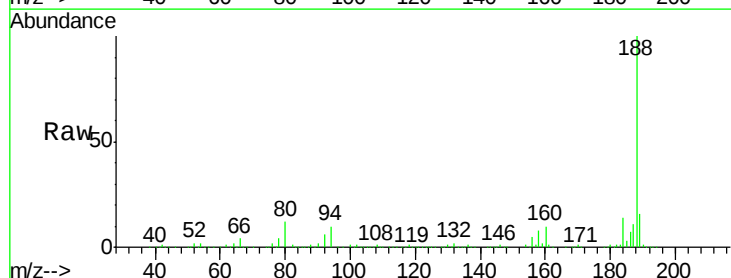
Instrument :
 BNA_F
 ClientSampled :

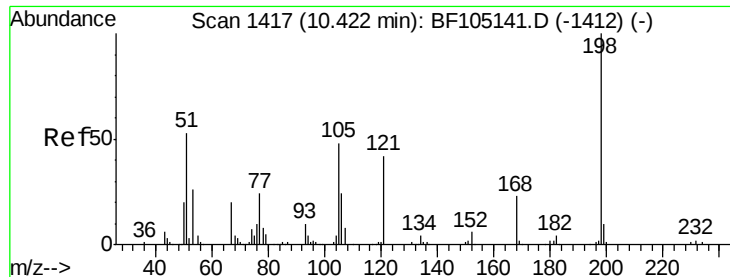
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	36.4	54.6
89	74.2	57.8	86.6
182	0.0	1.6	2.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105152.D
 Acq: 8 May 2018 19:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.6	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 9.20 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF105152.D

Acq: 8 May 2018 19:00

Instrument :

BNA_F

ClientSampled :

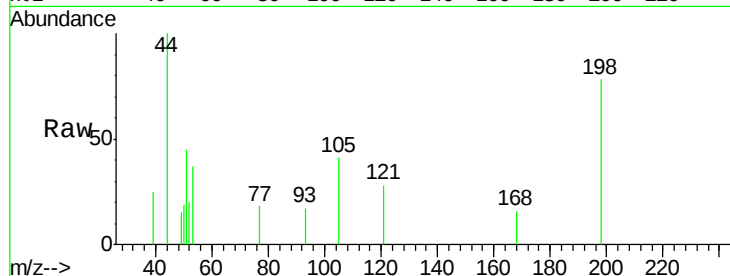
Tot Ion:198 Resp: 1232

Ion Ratio Lower Upper

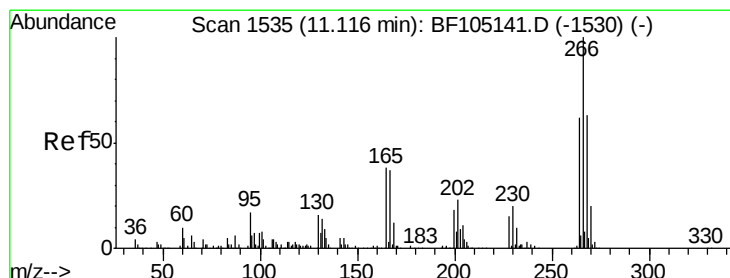
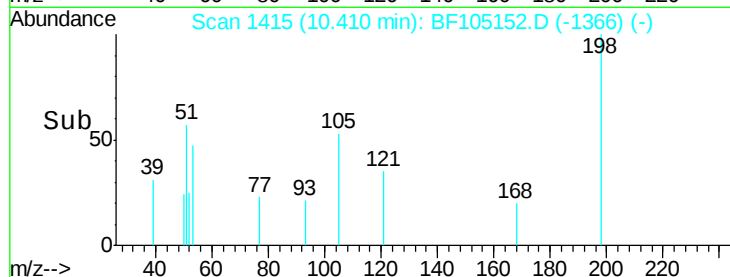
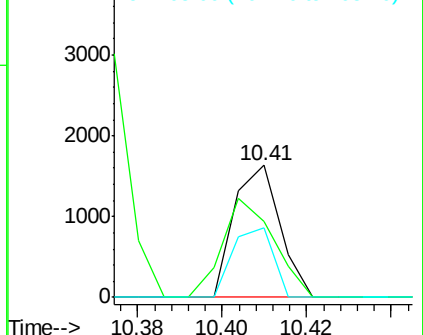
198 100

51 57.2 37.7 77.7

105 52.8 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: 3.92 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF105152.D

Acq: 8 May 2018 19:00

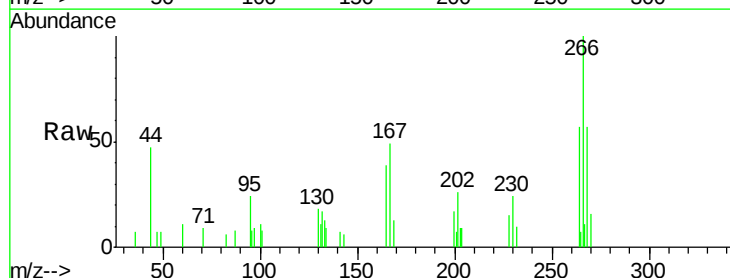
Tgt Ion:266 Resp: 4208

Ion Ratio Lower Upper

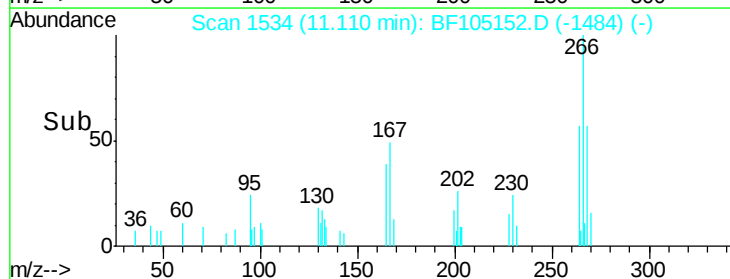
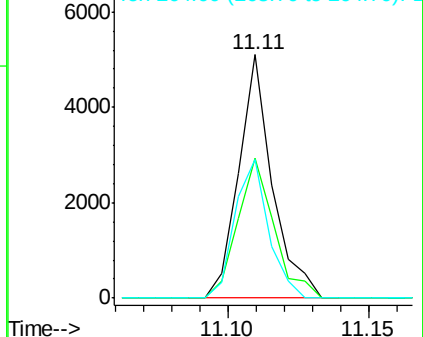
266 100

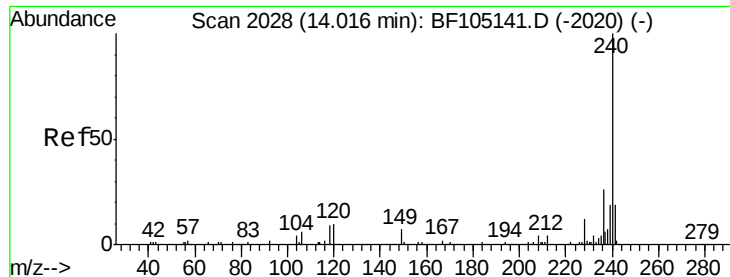
268 57.3 51.1 76.7

264 56.7 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: BF105152.D

Acq: 8 May 2018 19:00

Instrument :

BNA_F

ClientSampleId :

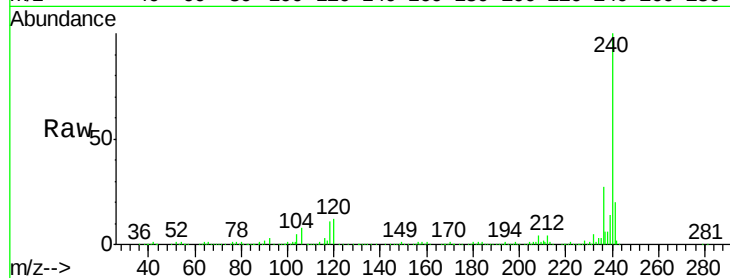
Tot Ion:240 Resp: 702515

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

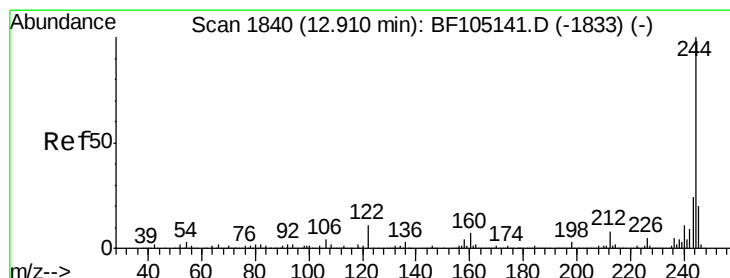
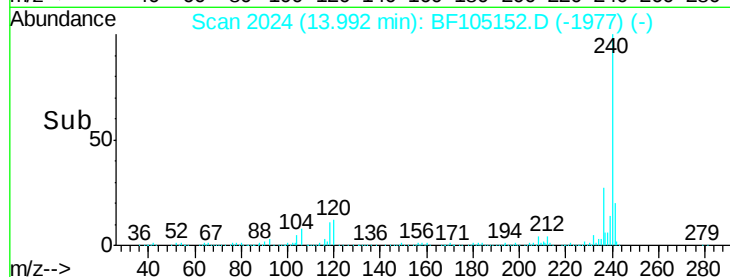
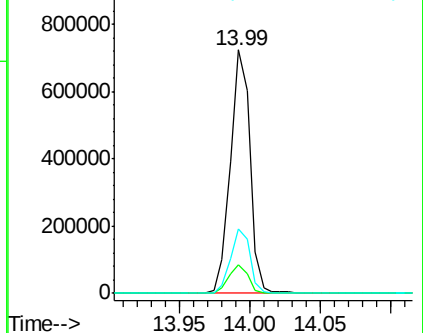
236 26.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 73.92 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105152.D

Acq: 8 May 2018 19:00

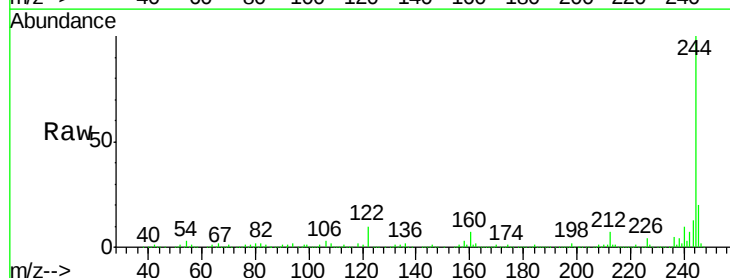
Tgt Ion:244 Resp: 2235478

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

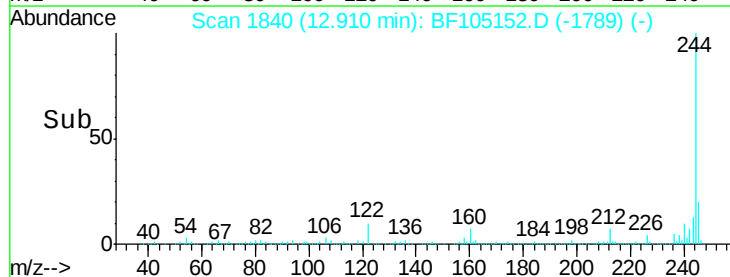
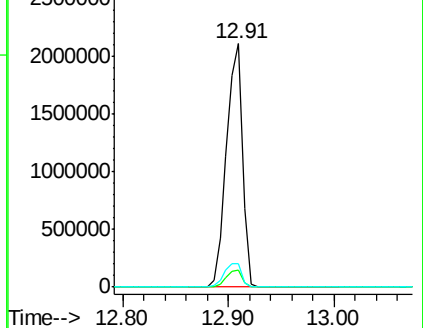
122 9.9 11.0 16.4#

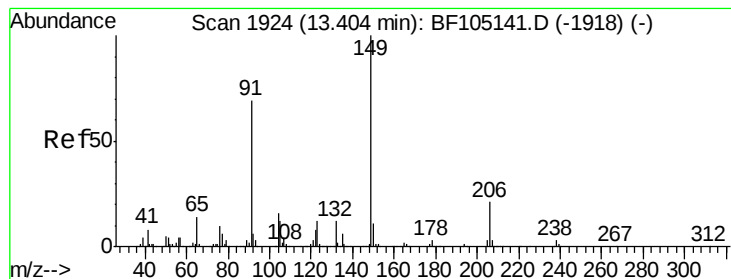


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 7.41 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF105152.D

Acq: 8 May 2018 19:00

Instrument :

BNA_F

ClientSampleId :

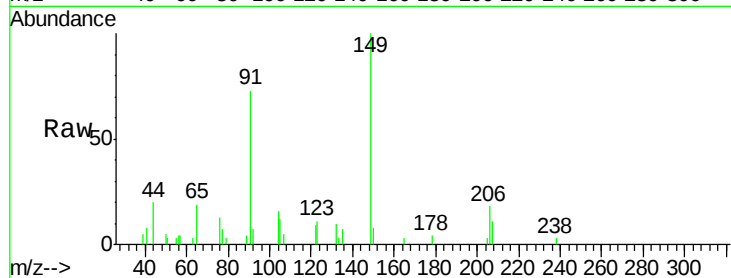
Tot Ion:149 Resp: 11061

Ion Ratio Lower Upper

149 100

91 72.8 56.8 85.2

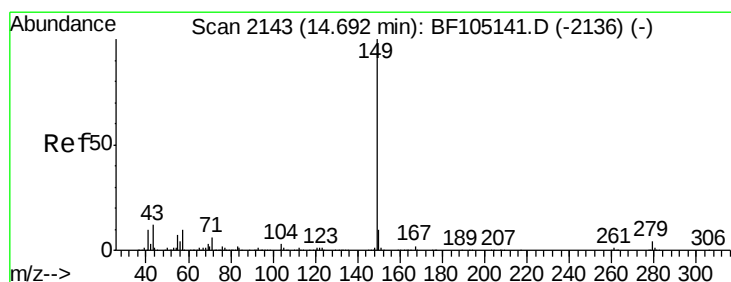
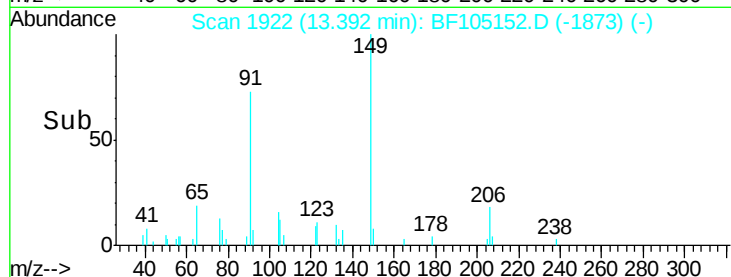
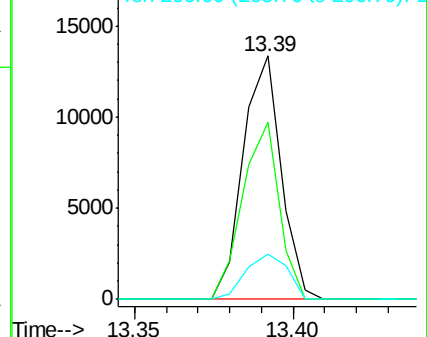
206 18.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#84

Di-n-octyl phthalate

Concen: 7.35 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF105152.D

Acq: 8 May 2018 19:00

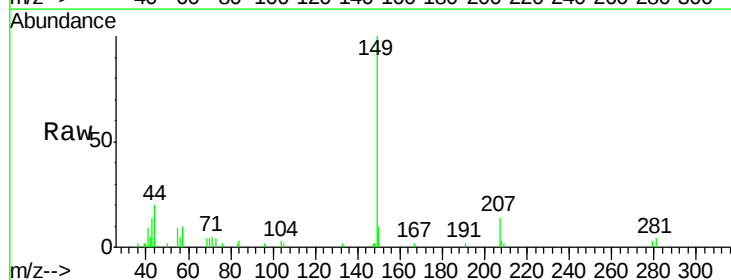
Tgt Ion:149 Resp: 19712

Ion Ratio Lower Upper

149 100

167 0.8 1.2 1.8#

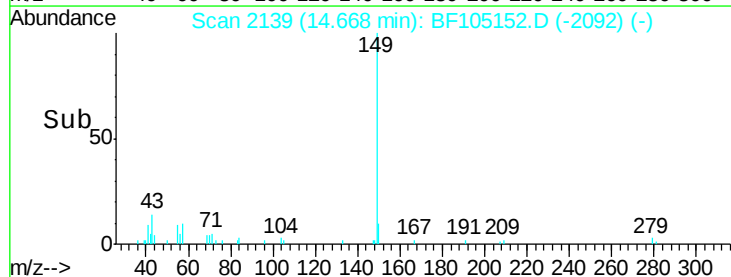
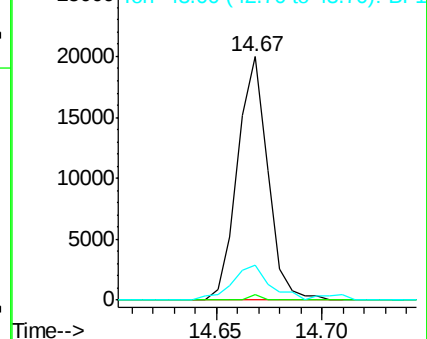
43 17.5 8.4 12.6#

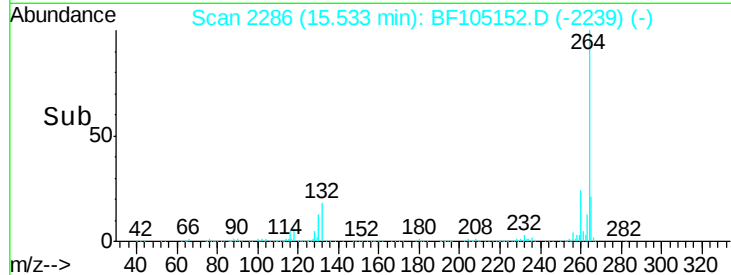
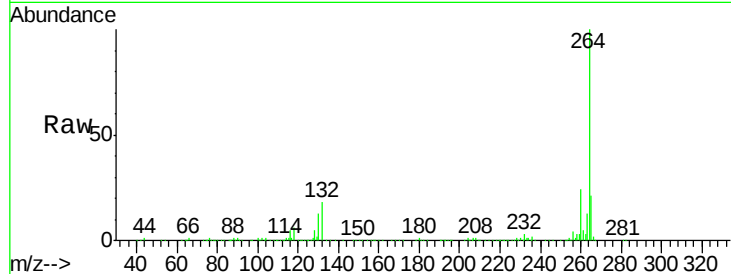
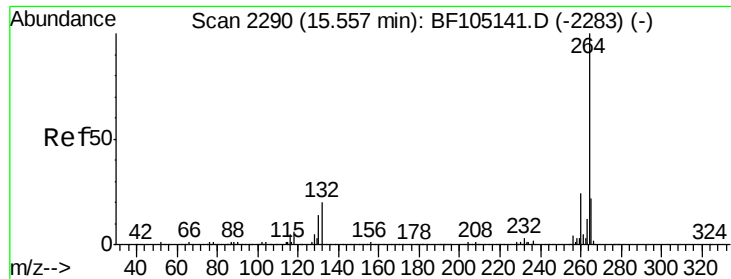


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BF105152.D
Acq: 8 May 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	635606
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

