

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103235.D
 Acq On : 26 Feb 2018 23:17
 Operator : SJ/JU
 Sample : J1691-37 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 02:26:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

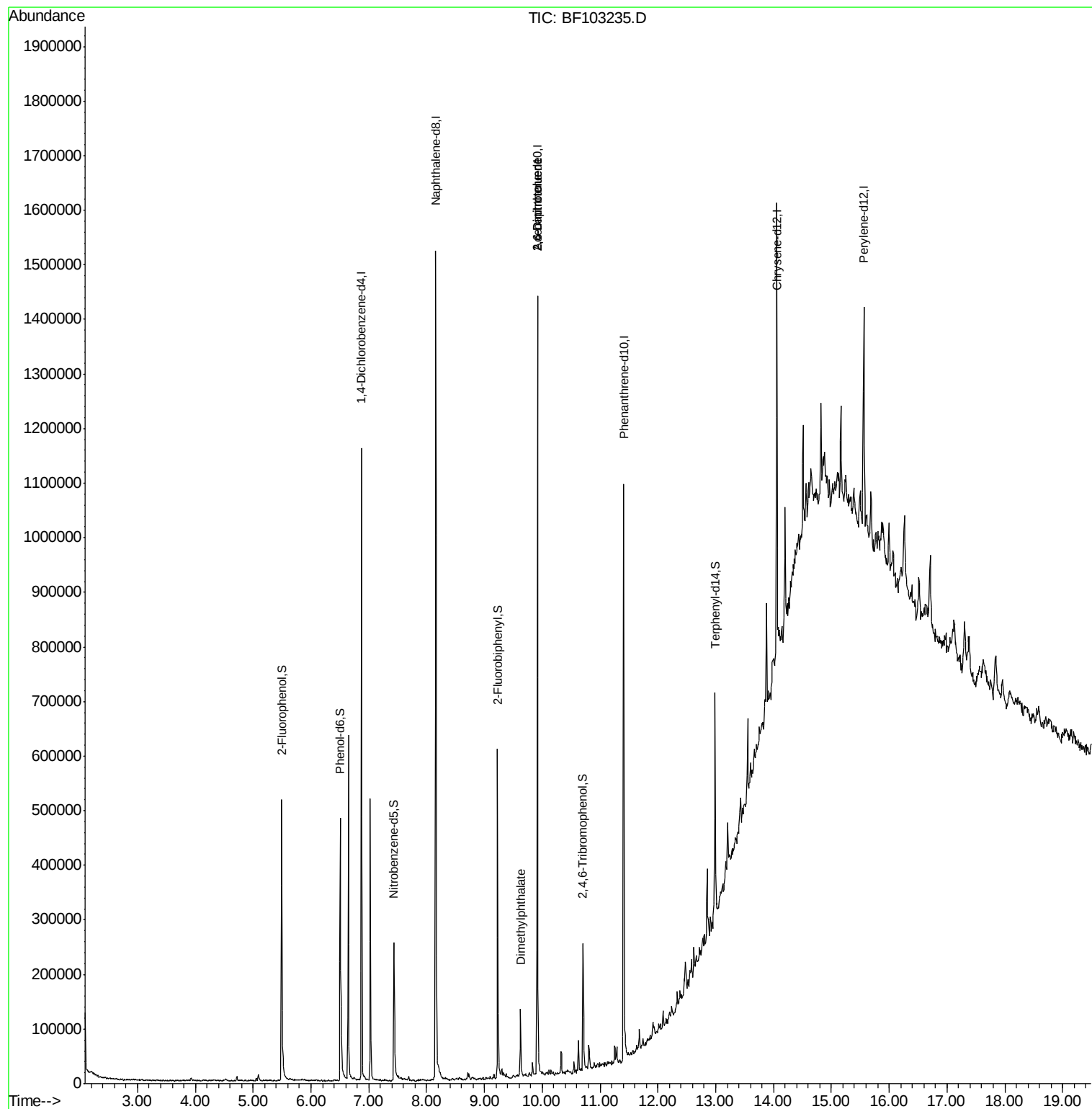
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166894	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	682699	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272654	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	412838	20.00	ng	0.00
75) Chrysene-d12	14.06	240	262595	20.00	ng	0.00
86) Perylene-d12	15.56	264	182311	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	159102	14.42	ng	0.00
7) Phenol-d6	6.50	99	195290	14.46	ng	0.00
23) Nitrobenzene-d5	7.43	82	99395	8.31	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	26272	11.38	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	193240	7.89	ng	0.00
78) Terphenyl-d14	12.99	244	130794	11.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	360	Below Cal	#	44
49) Dimethylphthalate	9.62	163	50937	2.33	ng	98
50) 2,6-Dinitrotoluene	9.92	165	35519	7.74	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	35513	6.12	ng	# 23

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

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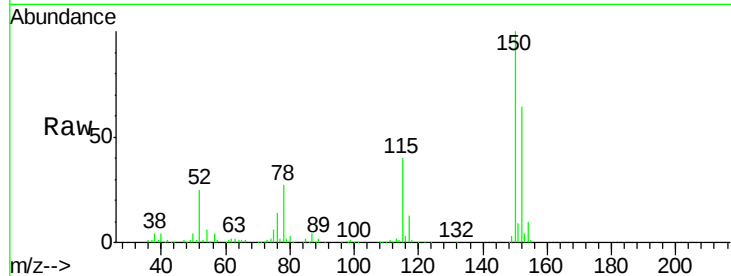


#1

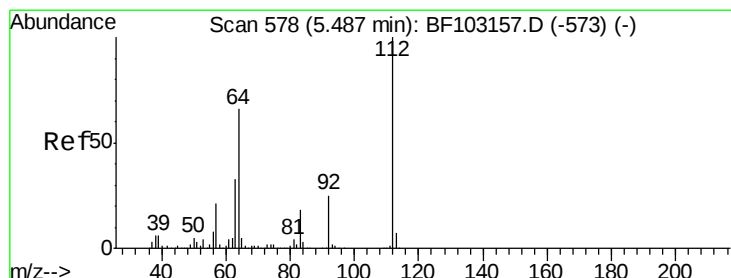
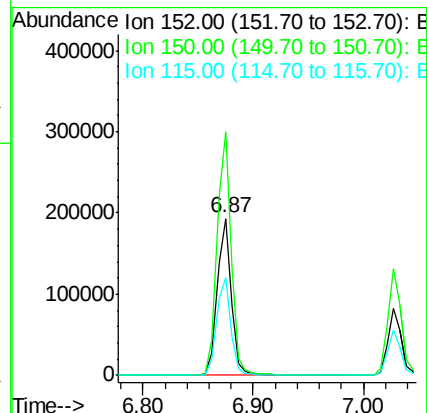
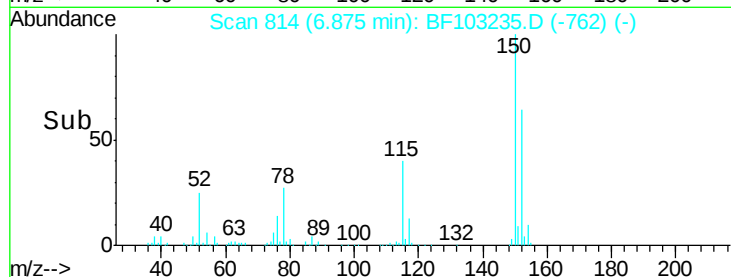
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103235.D
Acq: 26 Feb 2018 23:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166894
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 62.7 50.1 75.1



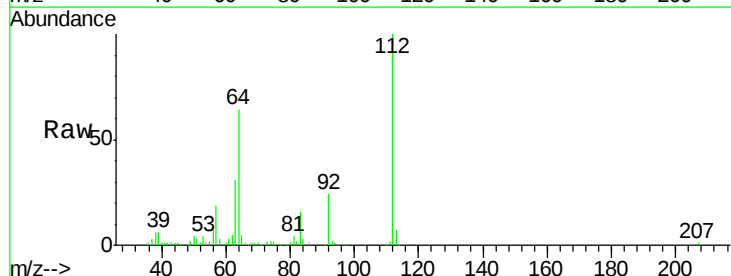
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



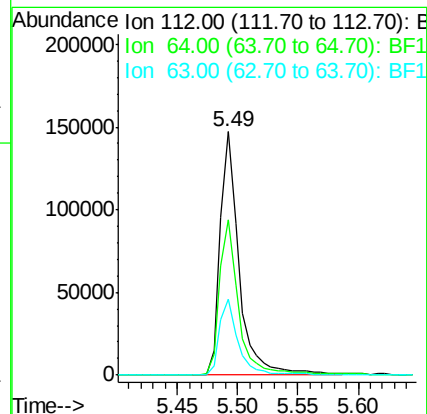
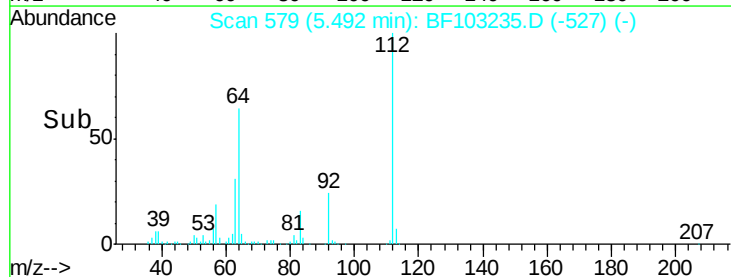
#5

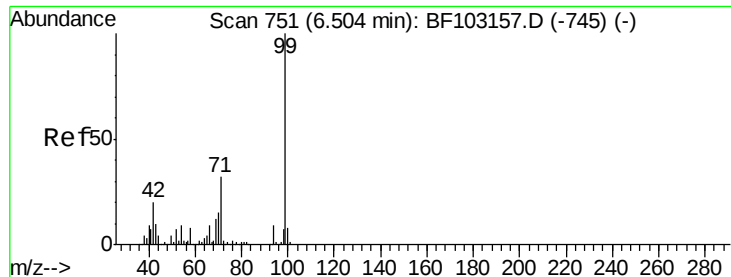
2-Fluorophenol
Concen: 14.42 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103235.D
Acq: 26 Feb 2018 23:17

Tgt Ion:112 Resp: 159102
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 31.4 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: 14.46 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

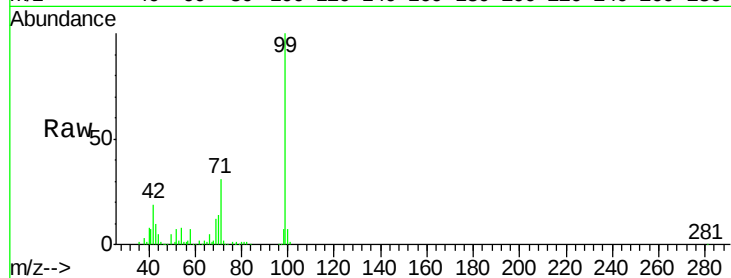
Tot Ion: 99 Resp: 195290

Ion Ratio Lower Upper

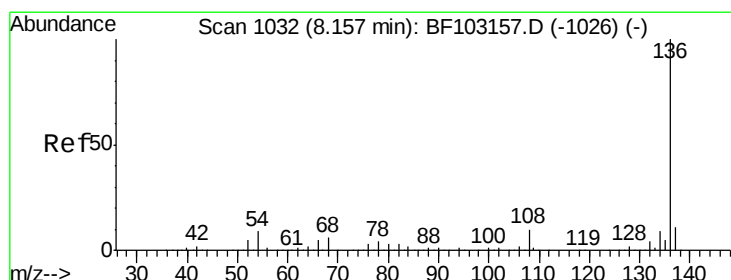
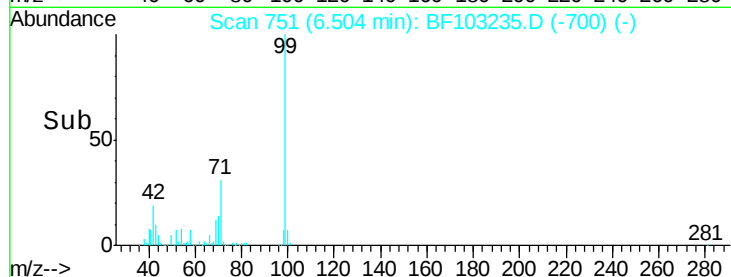
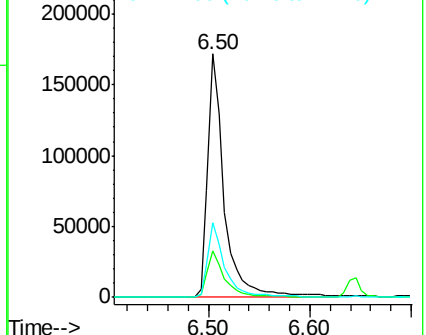
99 100

42 19.3 14.5 21.7

71 30.7 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Tgt Ion: 136 Resp: 682699

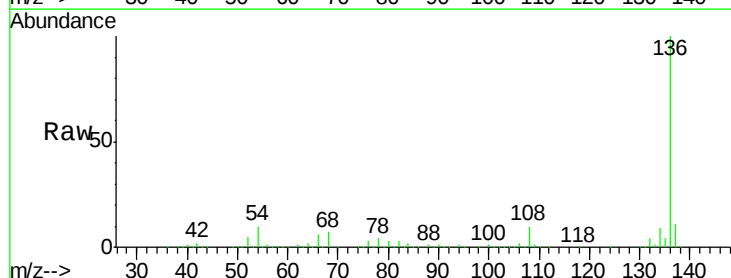
Ion Ratio Lower Upper

136 100

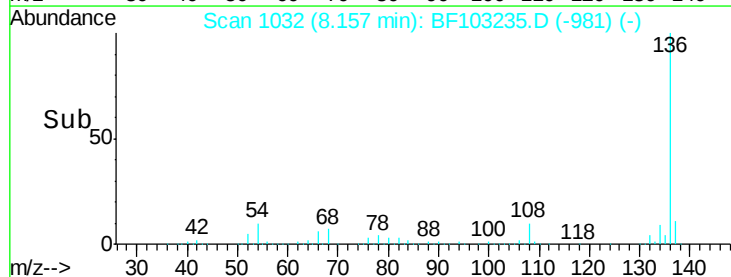
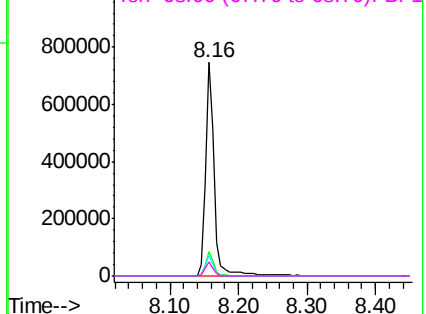
137 11.3 8.9 13.3

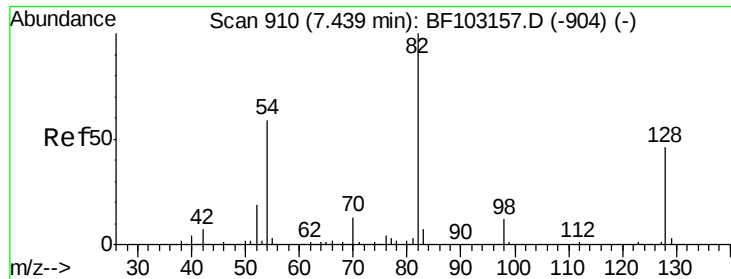
54 9.7 6.6 9.8

68 6.8 5.0 7.4



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

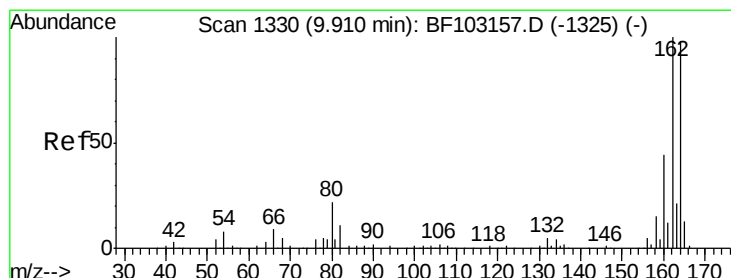
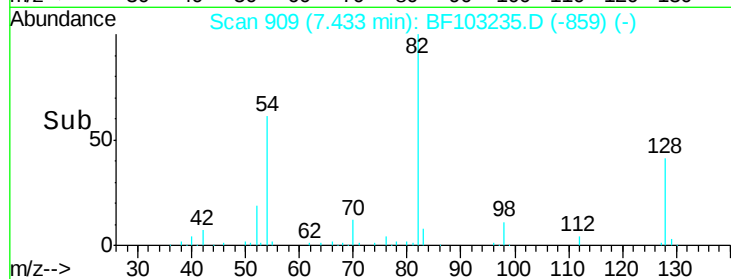
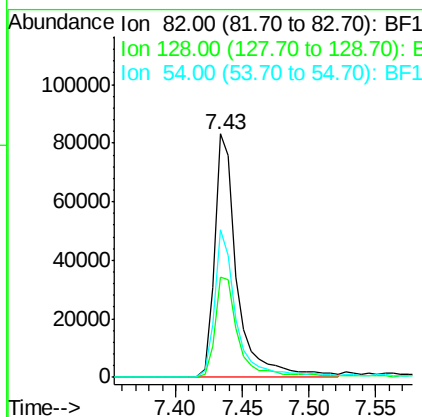
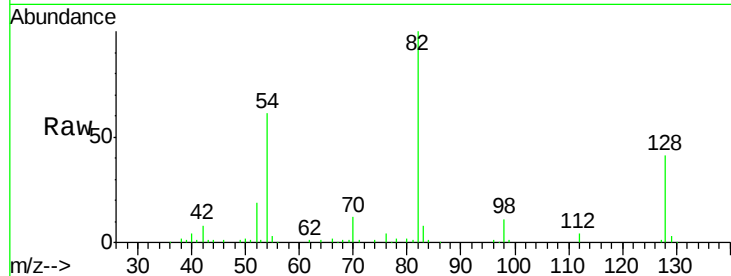




#23
 Nitrobenzene-d5
 Concen: 8.31 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

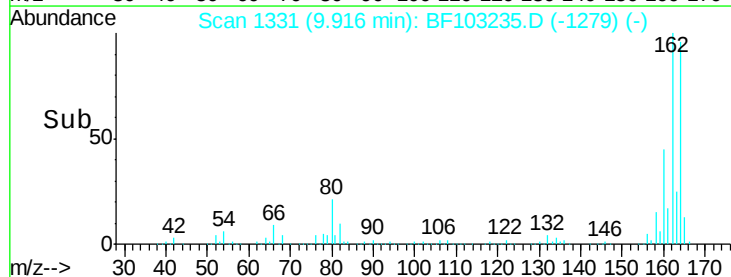
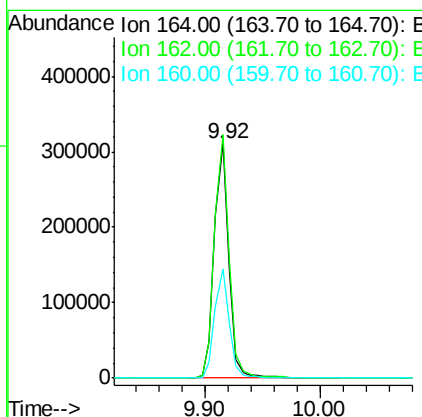
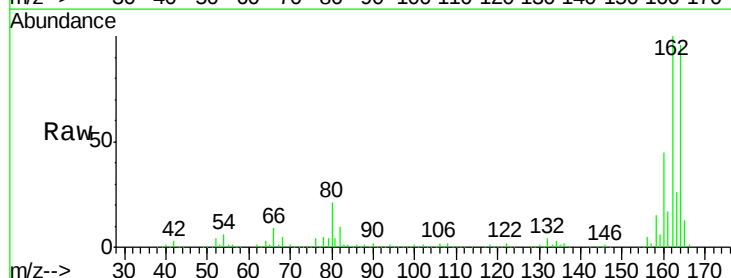
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	99395
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	60.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

Tgt Ion	164	Resp	272654
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	46.4	38.3	57.5

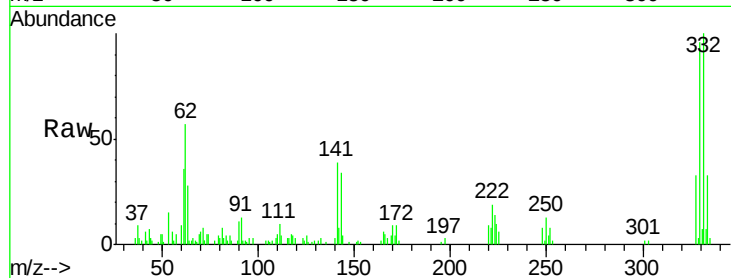




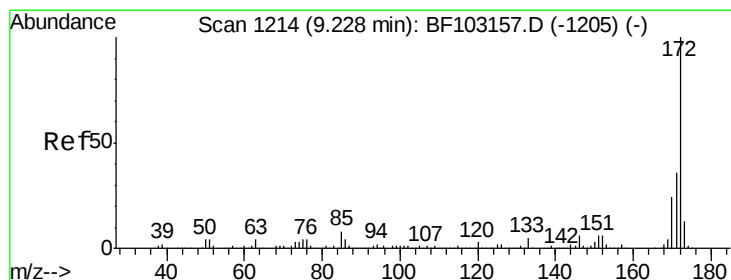
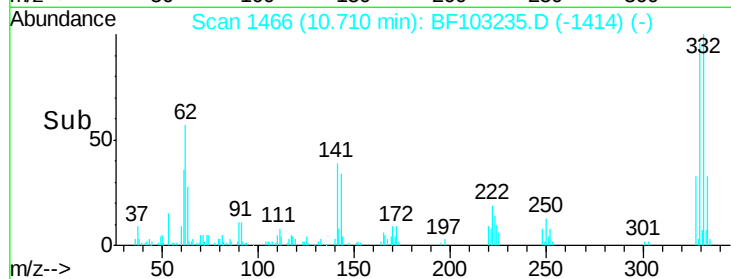
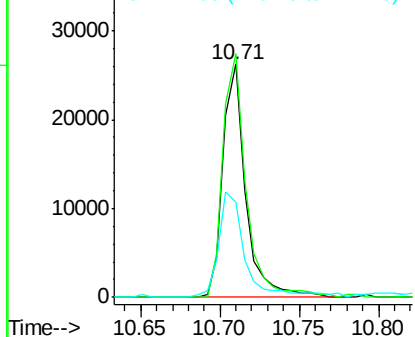
#41
 2,4,6-Tribromophenol
 Concen: 11.38 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 26272
 Ion Ratio Lower Upper
 330 100
 332 106.8 77.0 115.6
 141 52.5 29.9 44.9#

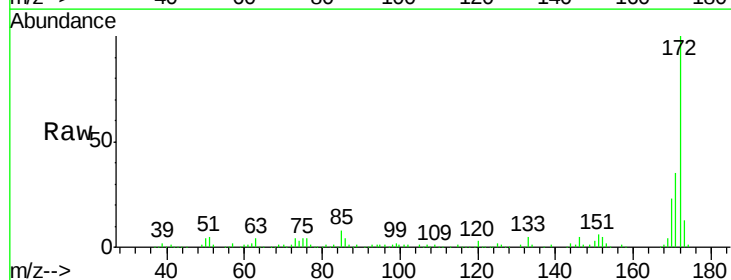


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

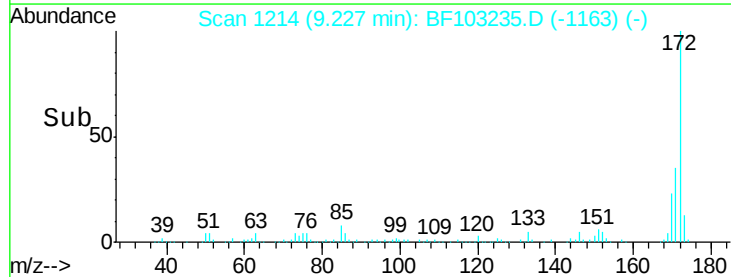
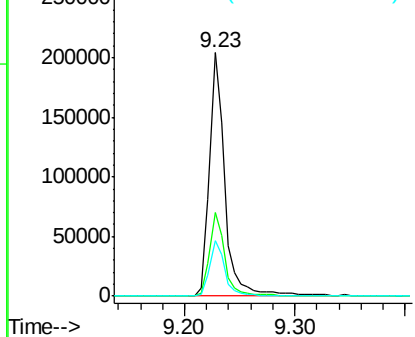


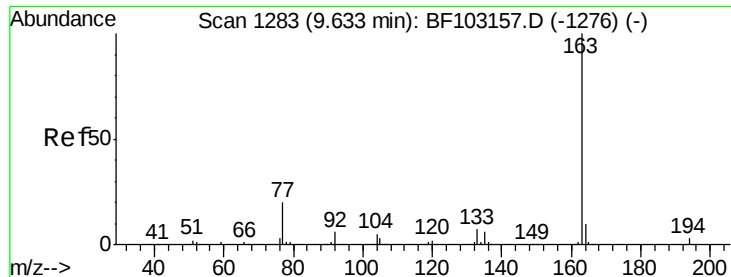
#44
 2-Fluorobiphenyl
 Concen: 7.89 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

Tgt Ion:172 Resp: 193240
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

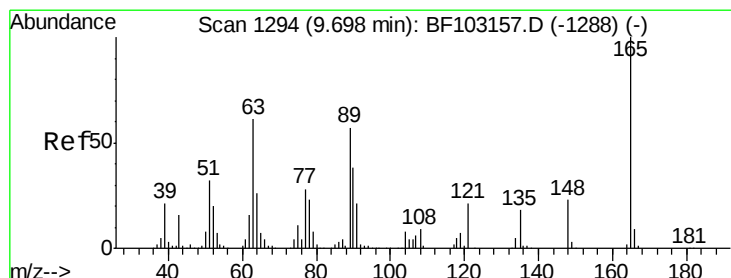
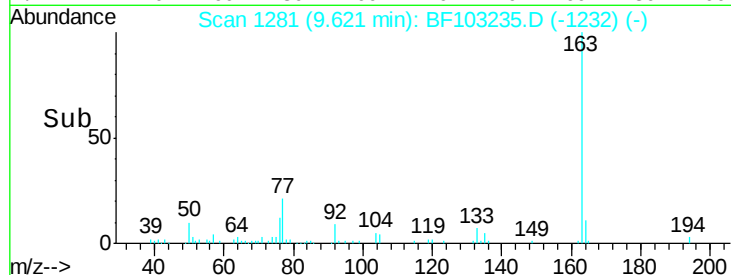
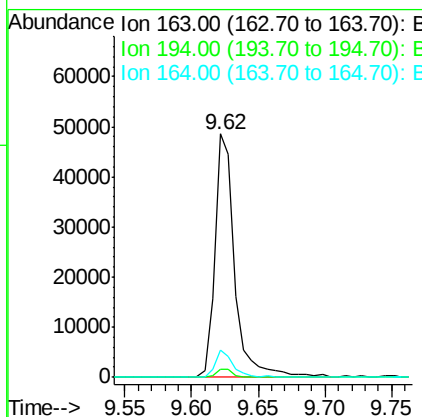
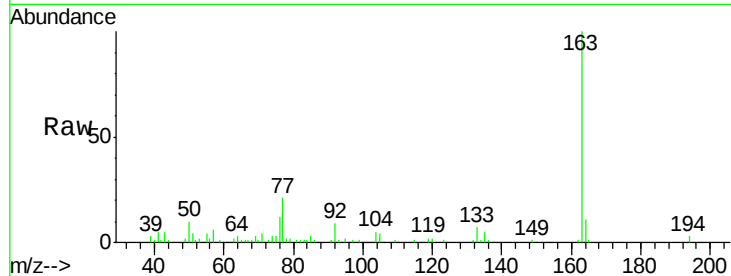




#49
 Dimethylphthalate
 Concen: 2.33 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

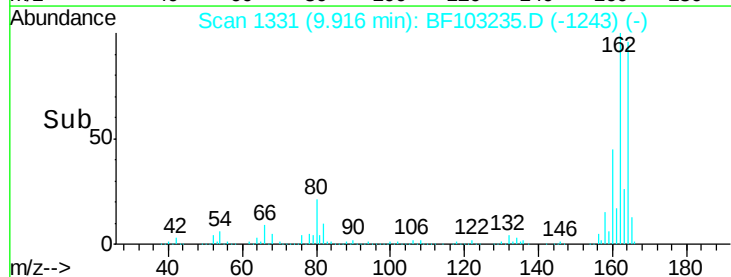
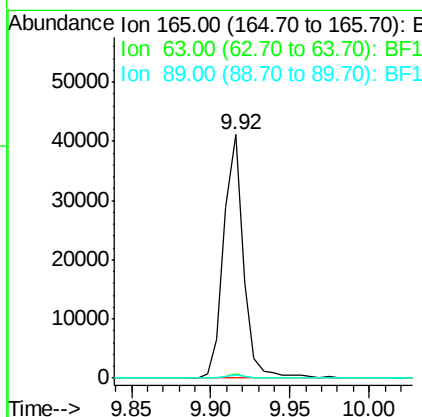
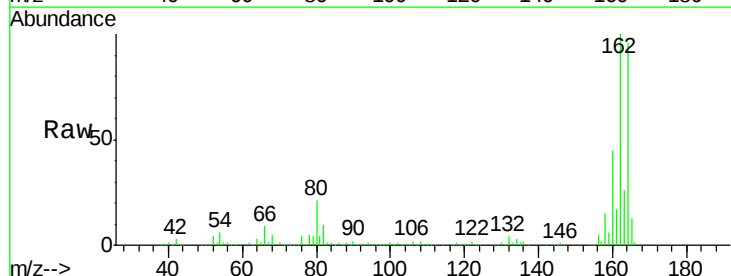
Instrument :
 BNA_F
 ClientSampleId :

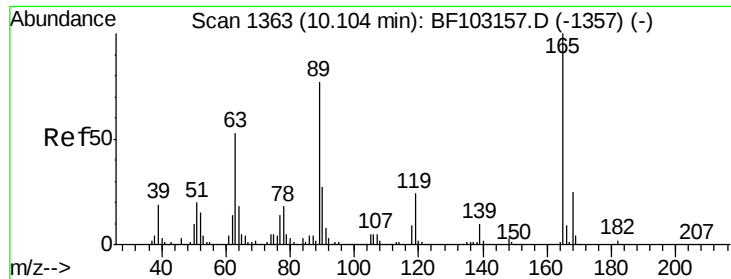
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.0	8.2	12.2



#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#

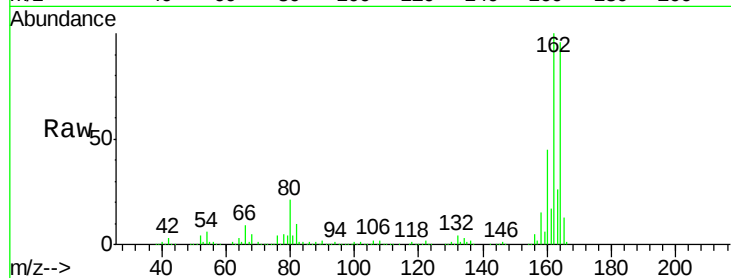




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

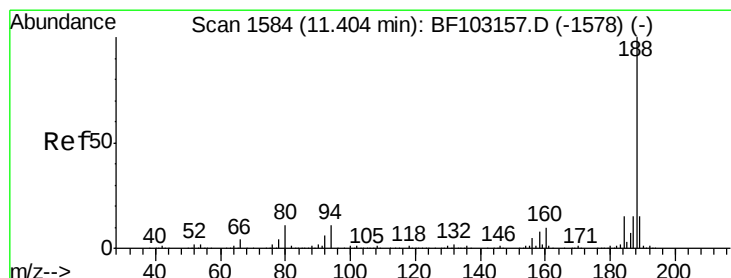
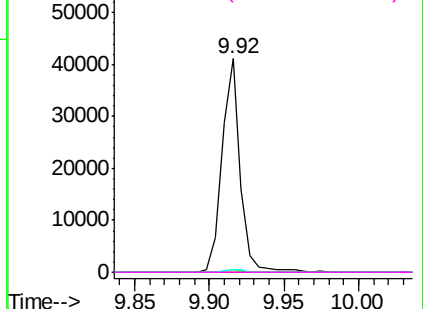
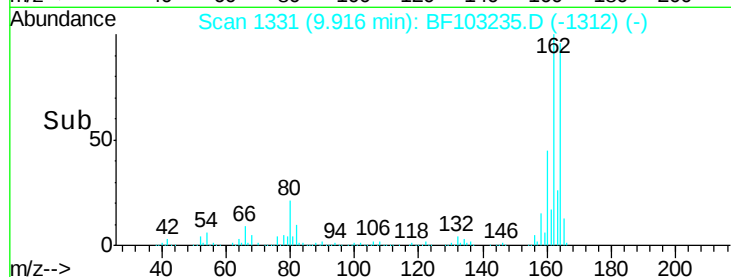


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

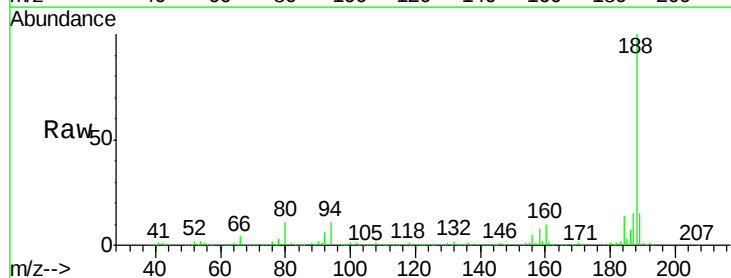
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF103235.D
 Acq: 26 Feb 2018 23:17

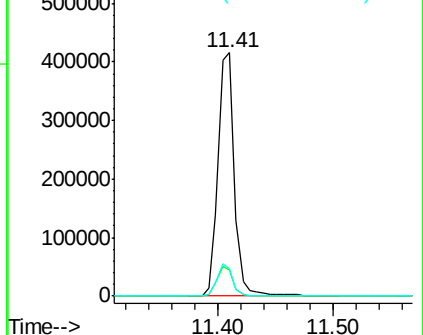
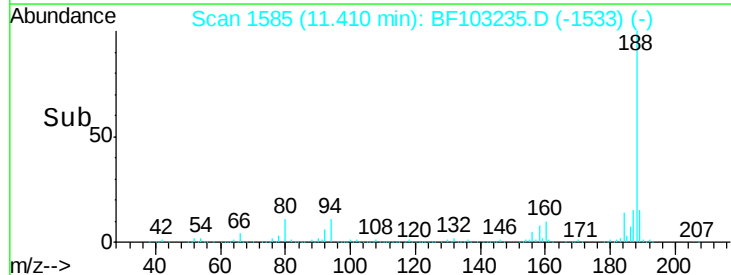
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

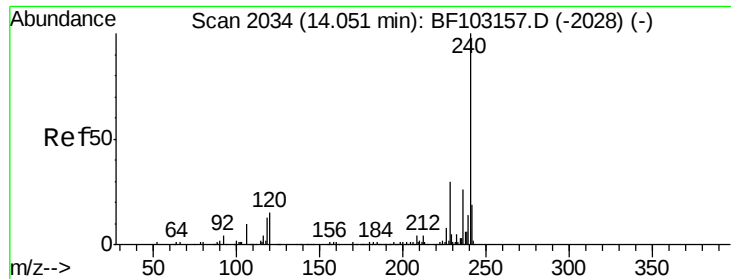


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

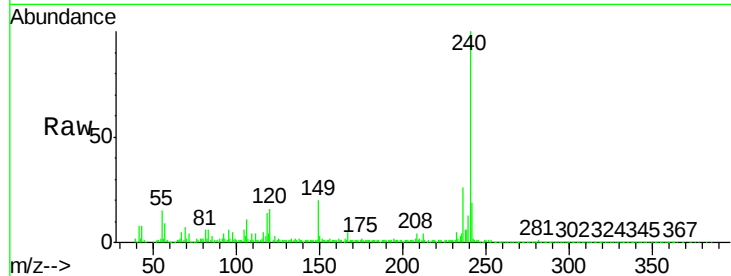
Tot Ion:240 Resp: 262595

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

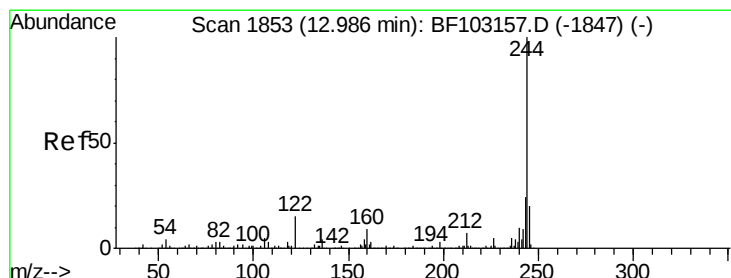
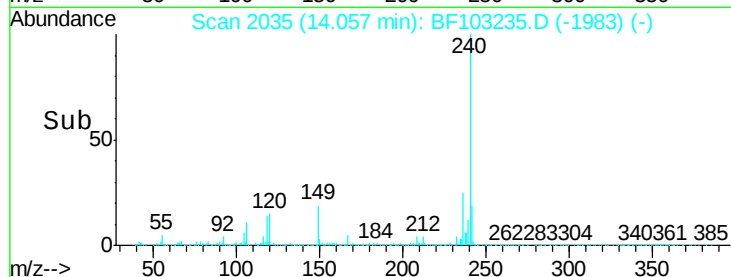
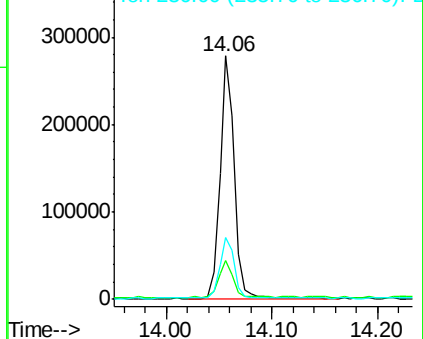
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 11.97 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

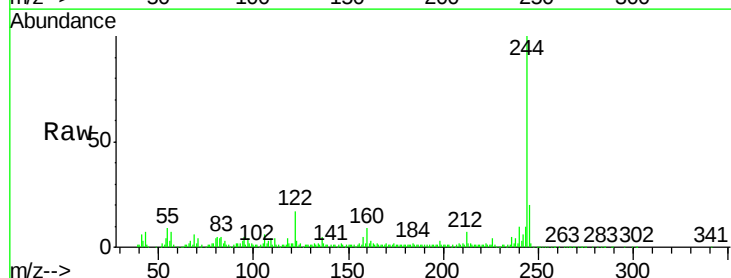
Tgt Ion:244 Resp: 130794

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

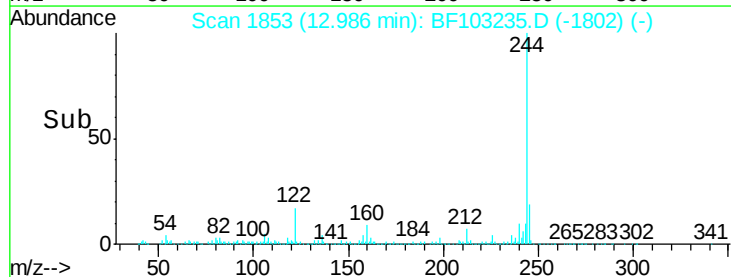
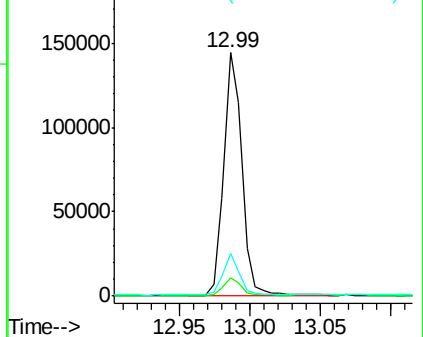
122 17.3 11.0 16.4#

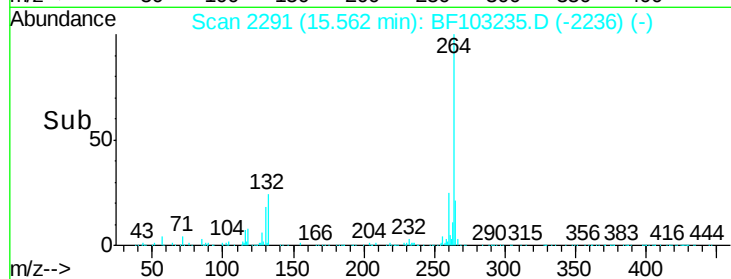
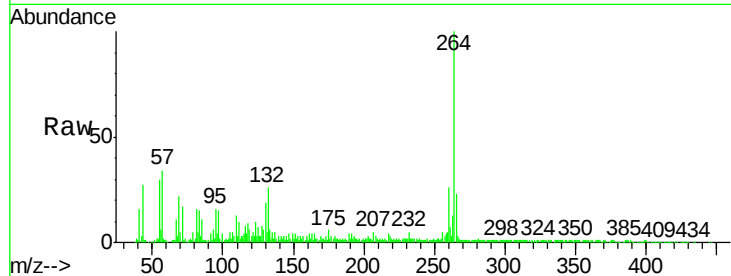
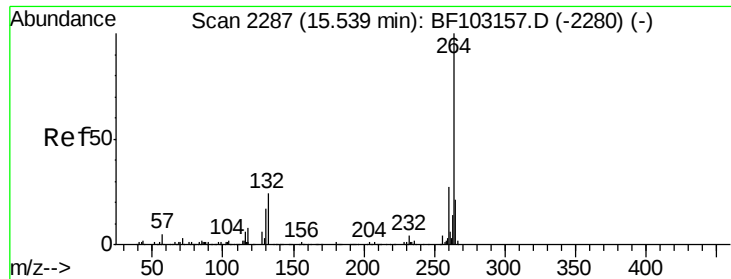


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.02 min
Lab File: BF103235.D
Acq: 26 Feb 2018 23:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.5	17.5	26.3

