

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103238.D
 Acq On : 27 Feb 2018 00:36
 Operator : SJ/JU
 Sample : J1691-61 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 02:27:26 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

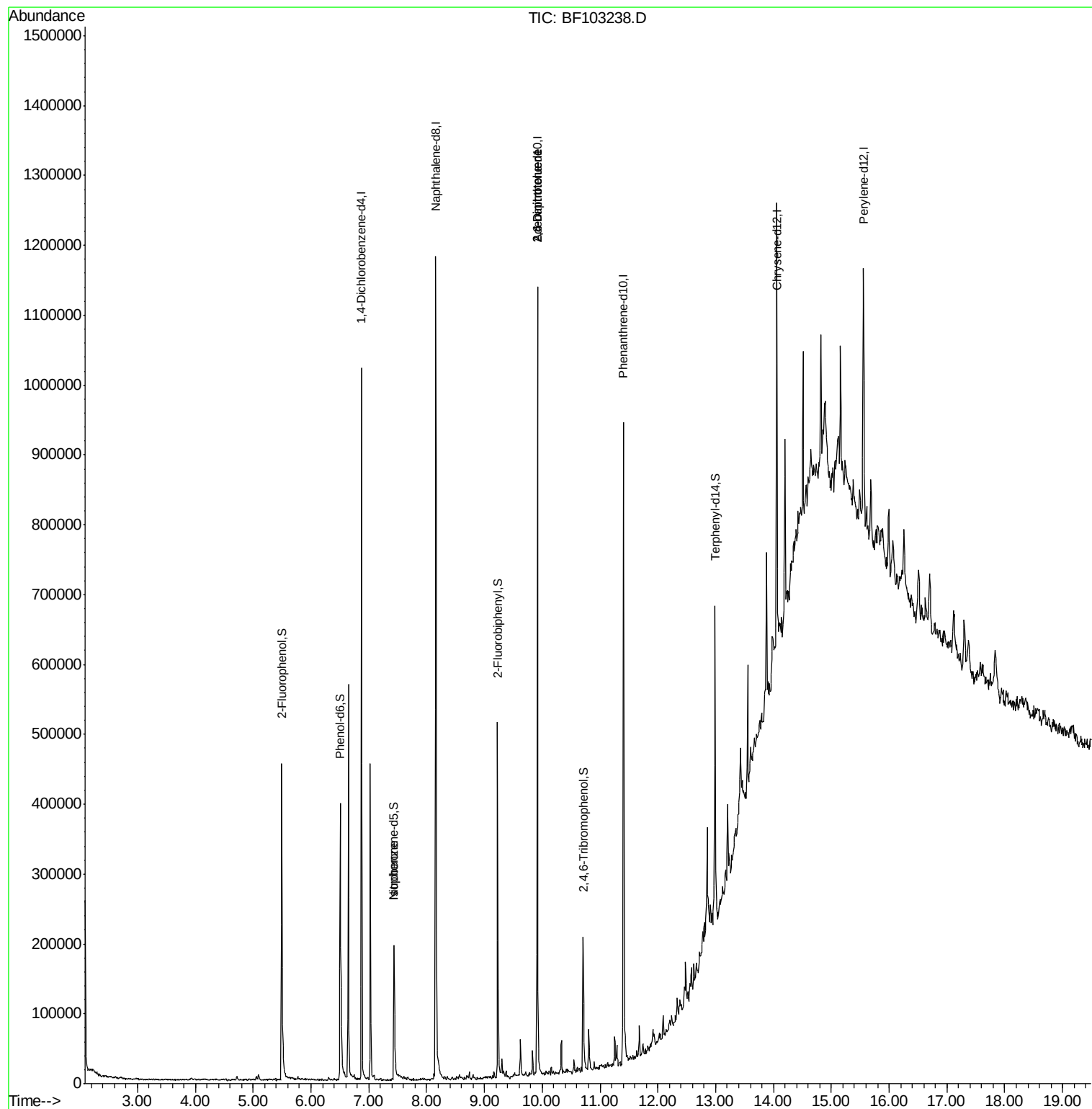
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140251	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	552240	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	211568	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	343311	20.00	ng	0.00
75) Chrysene-d12	14.06	240	223398	20.00	ng	0.00
86) Perylene-d12	15.56	264	150879	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	148608	16.03	ng	0.00
7) Phenol-d6	6.50	99	175313	15.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	82730	8.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	23461	13.10	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	169919	9.34	ng	0.00
78) Terphenyl-d14	12.99	244	136662	14.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	111	Below Cal	#	1
25) Isophorone	7.44	82	82730	4.34	ng	# 65
50) 2,6-Dinitrotoluene	9.92	165	27046	7.59	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	27046	6.00	ng	# 24

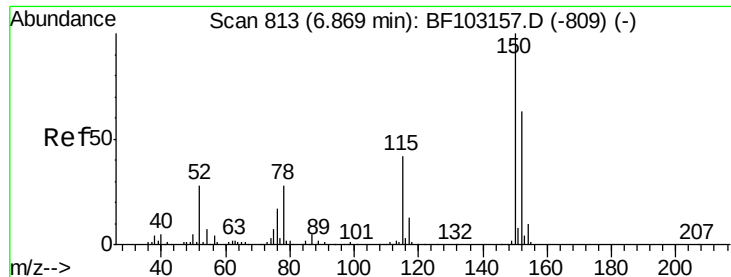
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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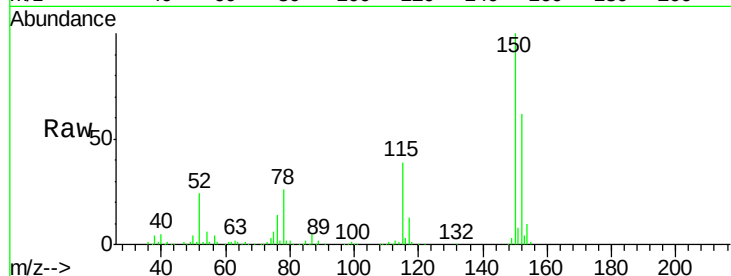


#1

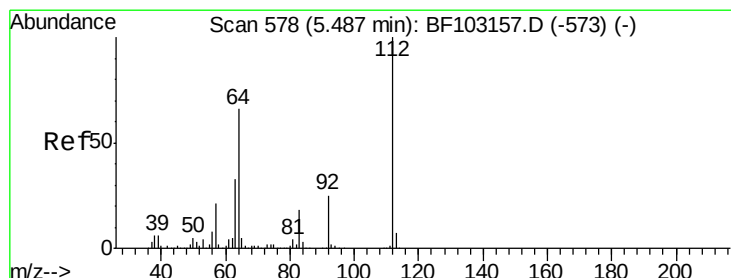
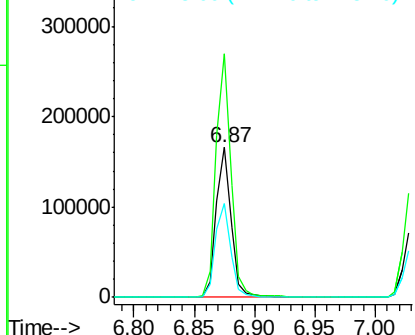
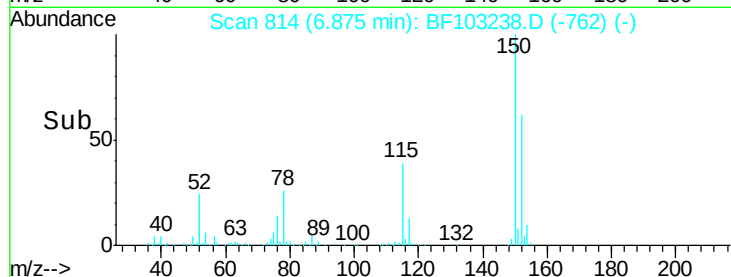
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103238.D
Acq: 27 Feb 2018 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	62.7	50.1	75.1



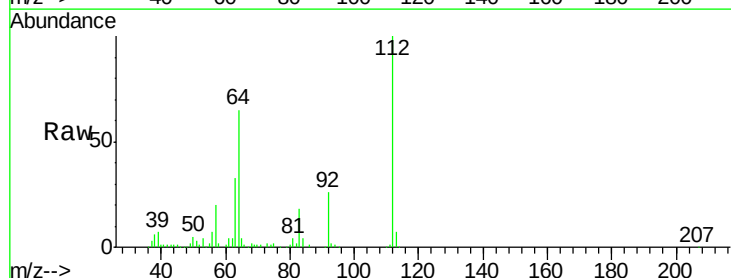
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



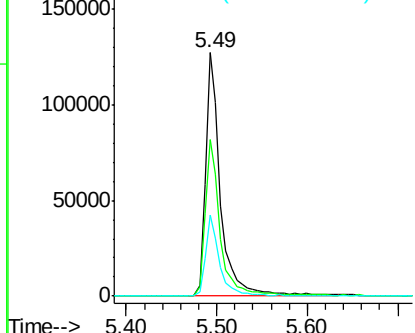
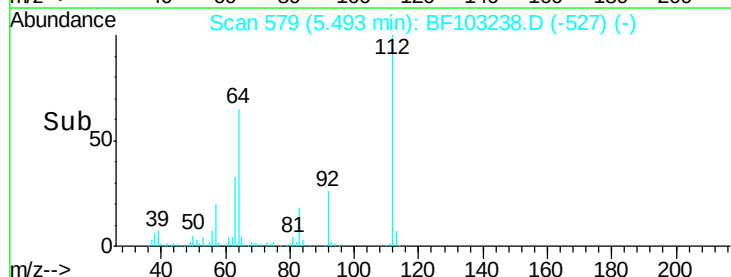
#5

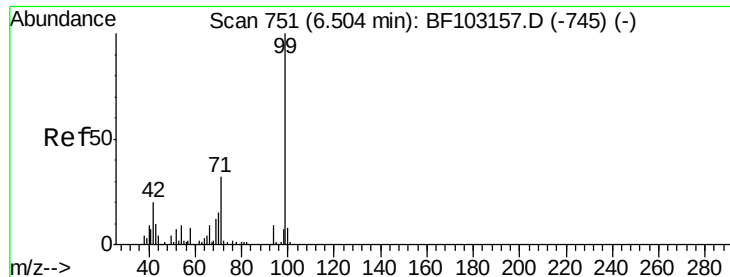
2-Fluorophenol
Concen: 16.03 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103238.D
Acq: 27 Feb 2018 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.1	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: 15.45 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103238.D

Acq: 27 Feb 2018 00:36

Instrument :

BNA_F

ClientSampleId :

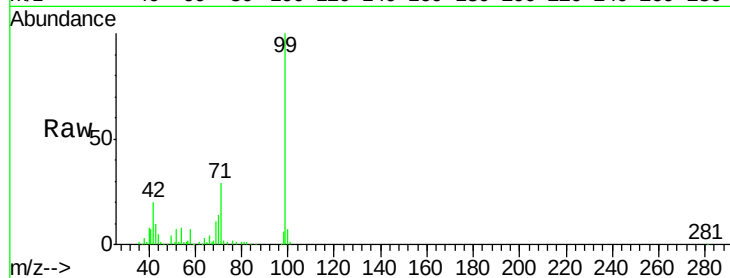
Tot Ion: 99 Resp: 175313

Ion Ratio Lower Upper

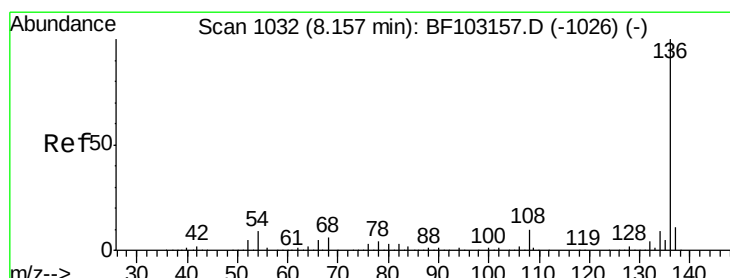
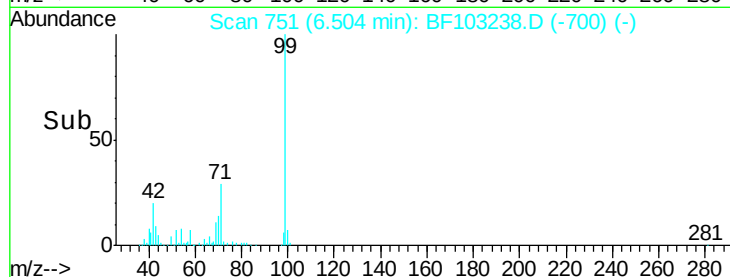
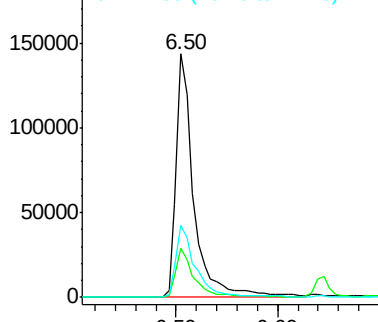
99 100

42 20.1 14.5 21.7

71 29.4 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: BF103238.D

Acq: 27 Feb 2018 00:36

Tgt Ion: 136 Resp: 552240

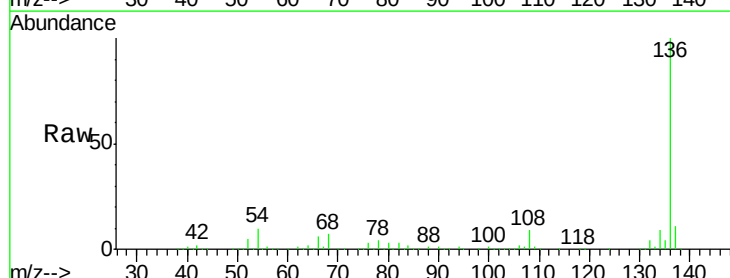
Ion Ratio Lower Upper

136 100

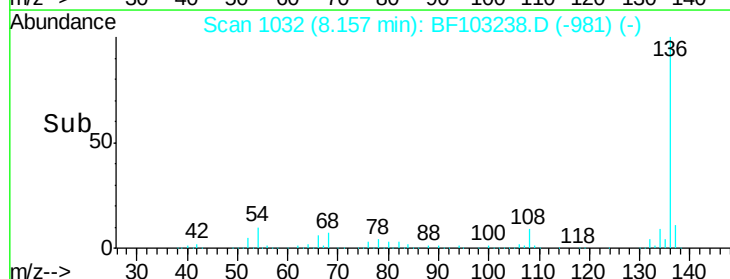
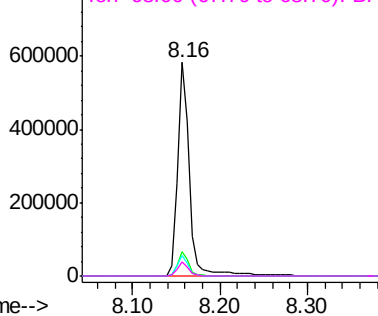
137 11.2 8.9 13.3

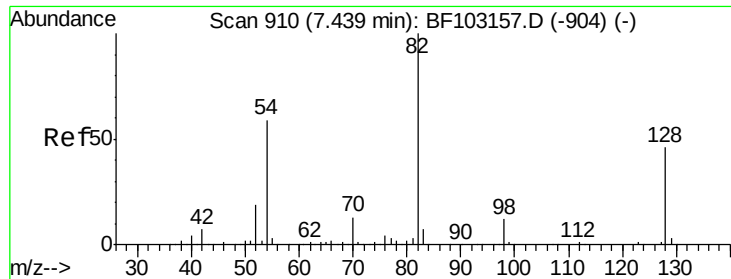
54 9.7 6.6 9.8

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

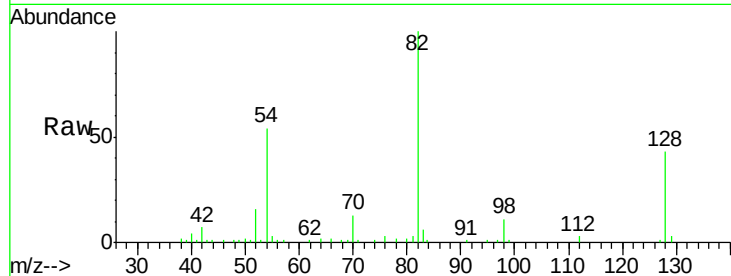




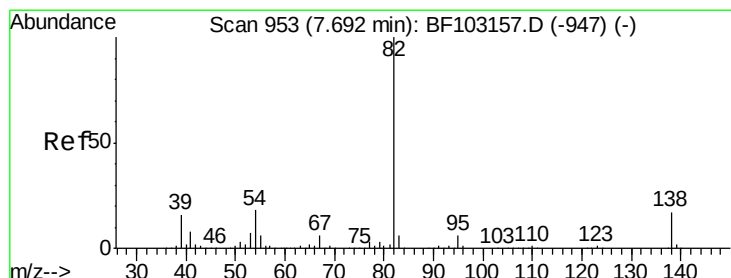
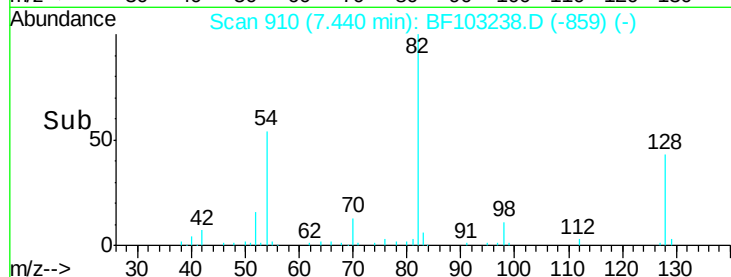
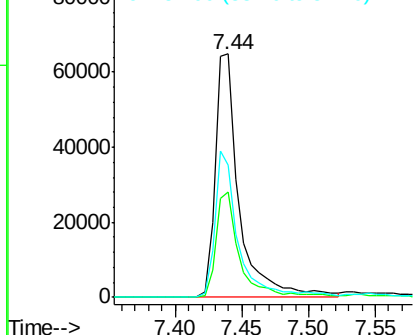
#23
Nitrobenzene-d5
Concen: 8.56 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103238.D
Acq: 27 Feb 2018 00:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	82730
Ion Ratio	Lower	Upper	
82	100		
128	43.1	36.1	54.1
54	54.3	41.4	62.2

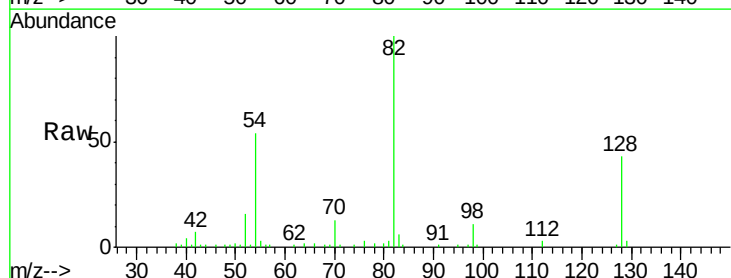


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

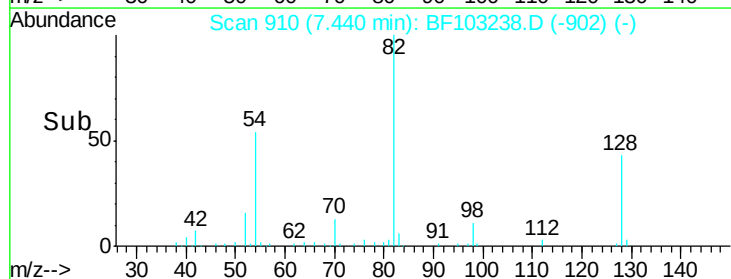
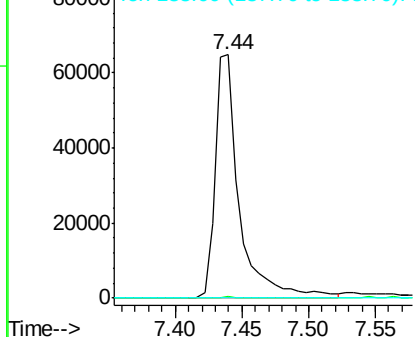


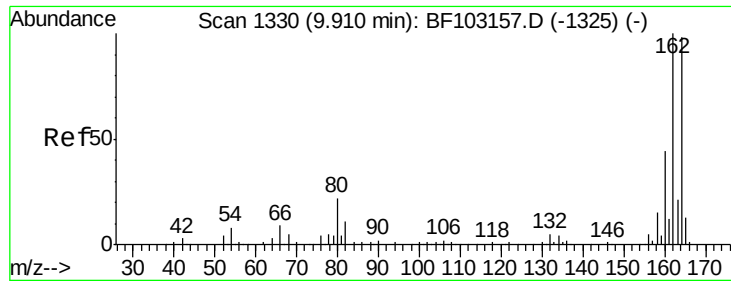
#25
Isophorone
Concen: 4.34 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103238.D
Acq: 27 Feb 2018 00:36

Tgt Ion	82	Resp	82730
Ion Ratio	Lower	Upper	
82	100		
95	0.5	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

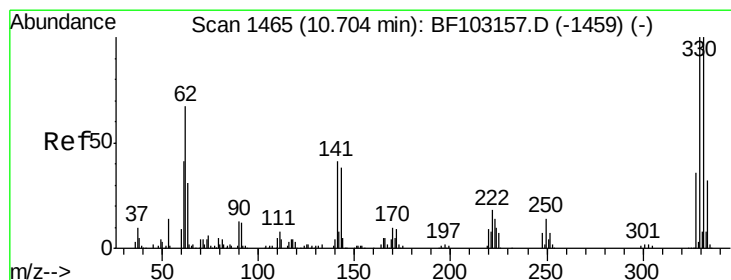
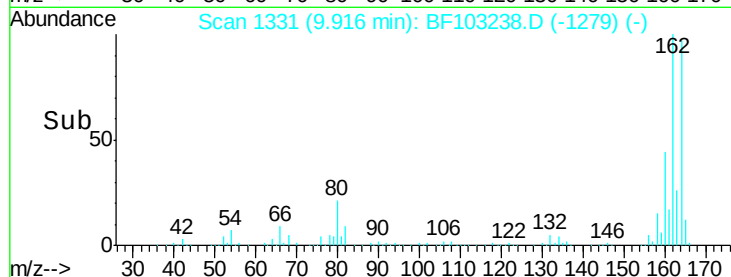
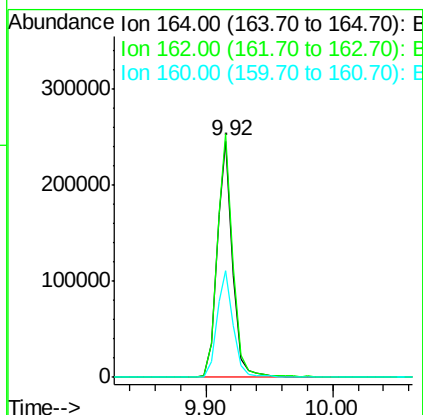
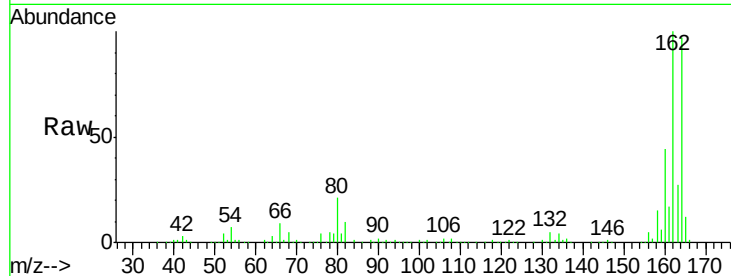




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103238.D
 Acq: 27 Feb 2018 00:36

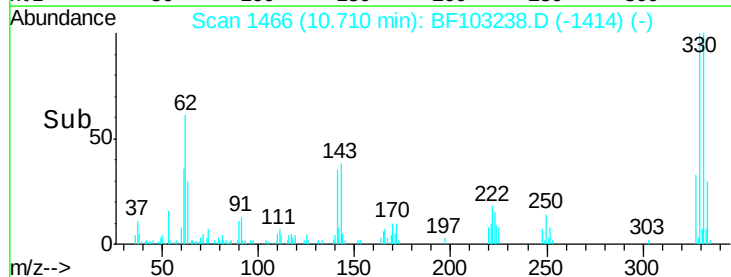
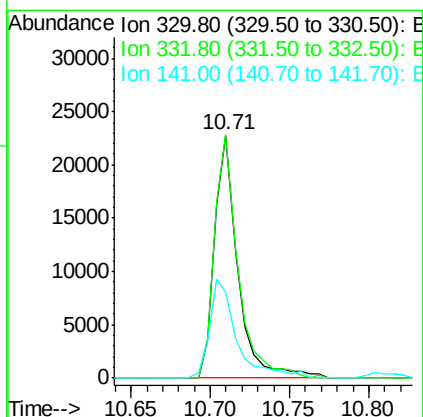
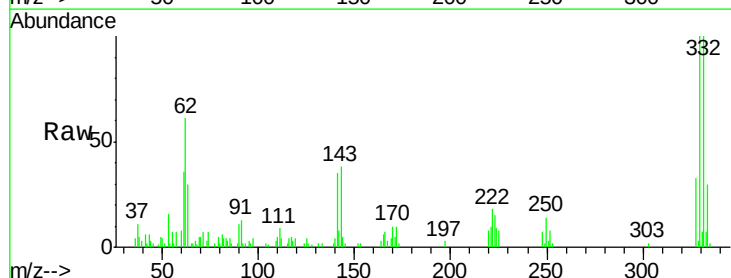
Instrument :
 BNA_F
 ClientSampleId :

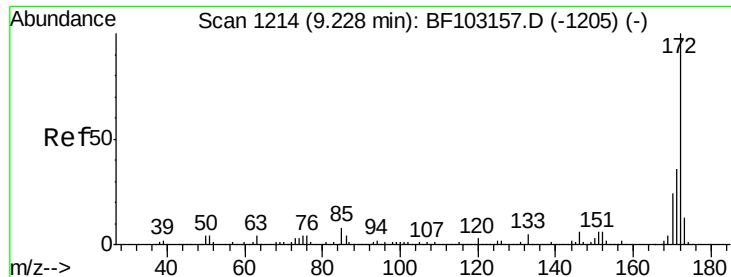
Tot Ion:164 Resp: 211568
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 13.10 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103238.D
 Acq: 27 Feb 2018 00:36

Tgt Ion:330 Resp: 23461
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 47.0 29.9 44.9#

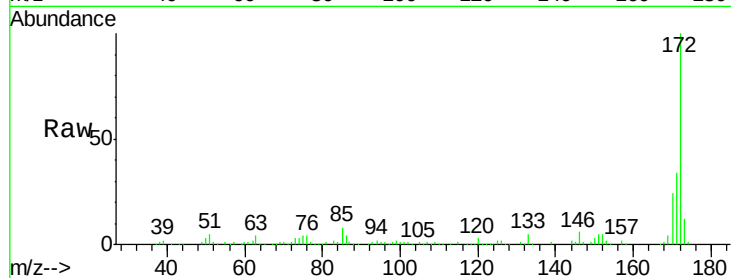




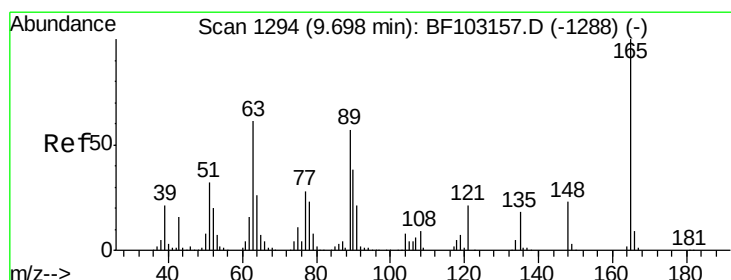
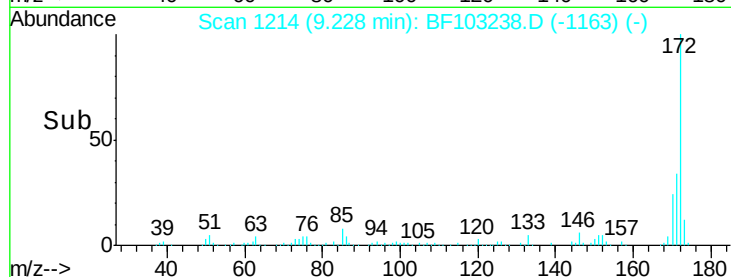
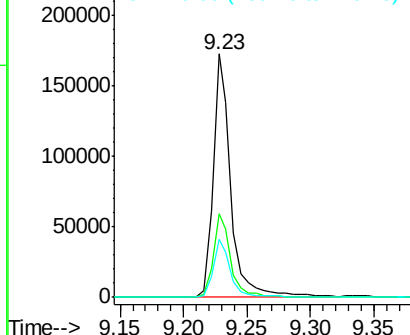
#44
 2-Fluorobiphenyl
 Concen: 9.34 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103238.D
 Acq: 27 Feb 2018 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.7	19.6	29.4

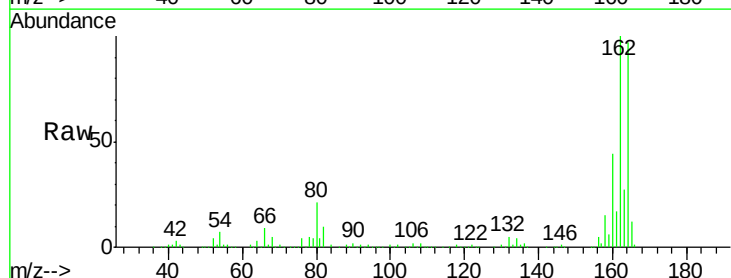


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

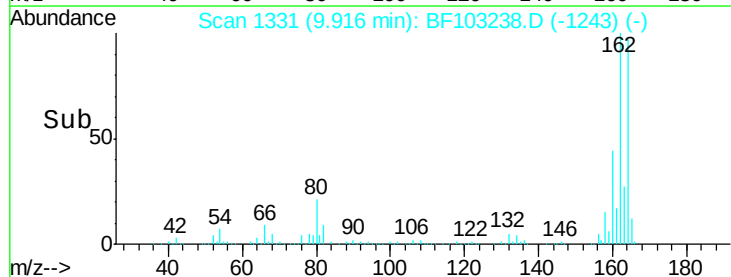
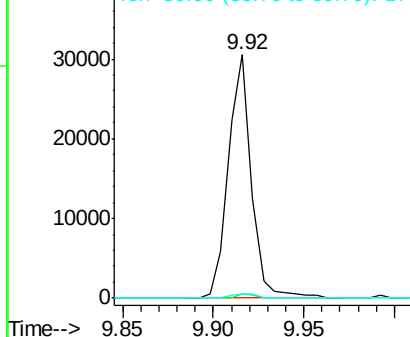


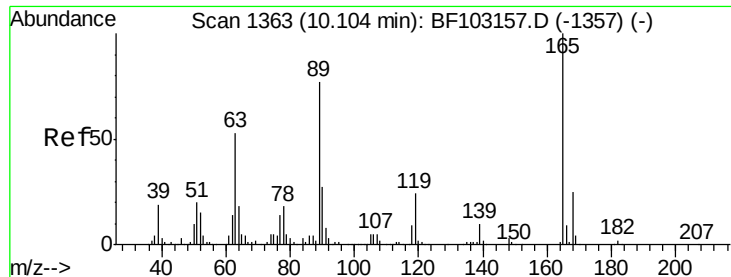
#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF103238.D
 Acq: 27 Feb 2018 00:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.5	44.0	66.0#



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

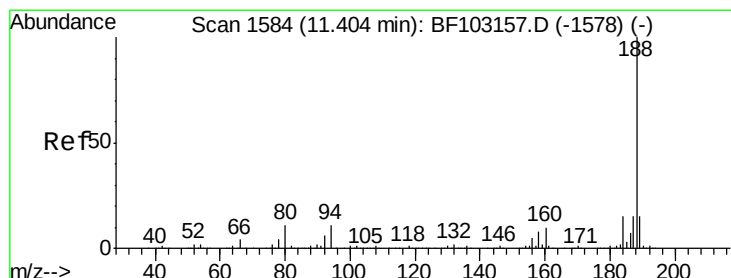
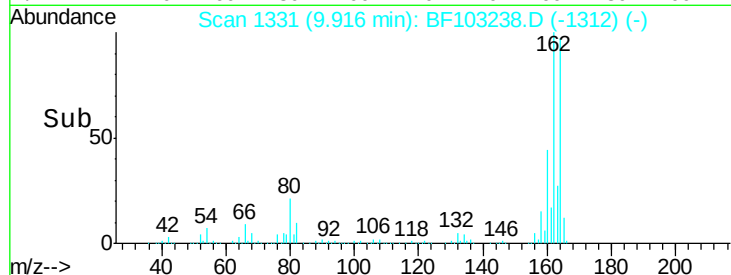
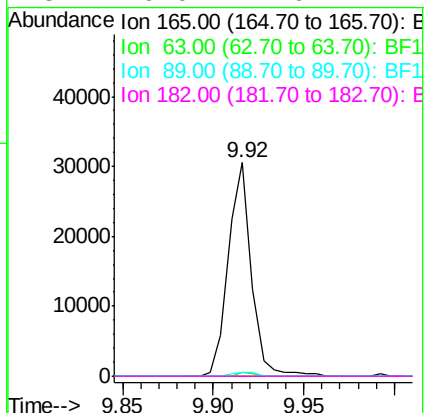
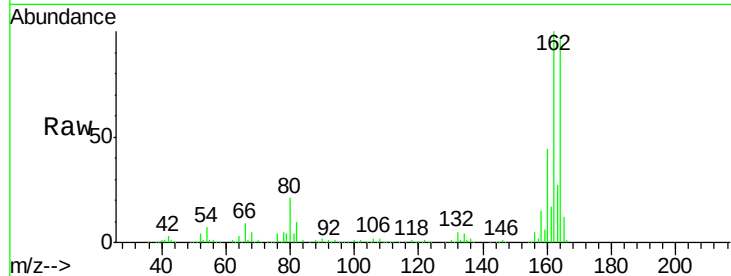




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103238.D
 Acq: 27 Feb 2018 00:36

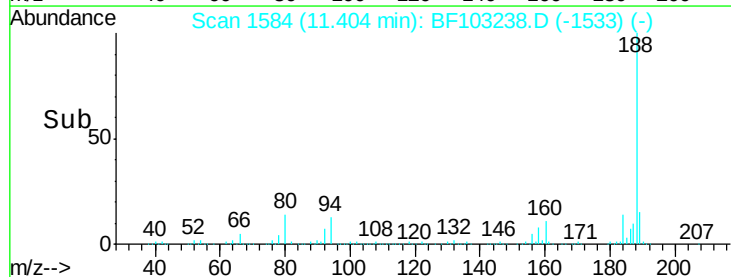
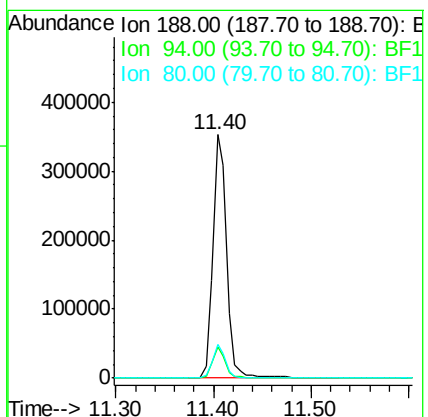
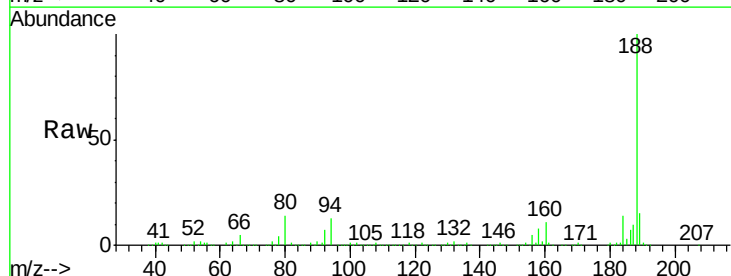
Instrument :
 BNA_F
 ClientSampleId :

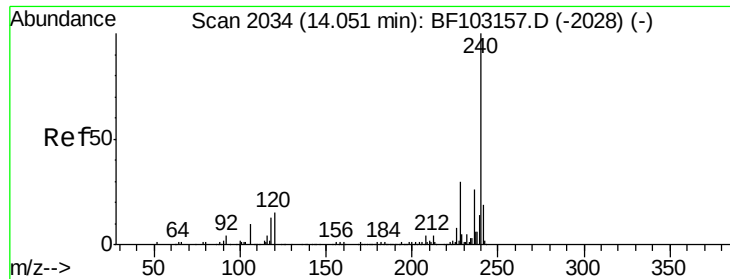
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103238.D
 Acq: 27 Feb 2018 00:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.5	12.7#
80	14.0	9.2	13.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103238.D

Acq: 27 Feb 2018 00:36

Instrument :

BNA_F

ClientSampleId :

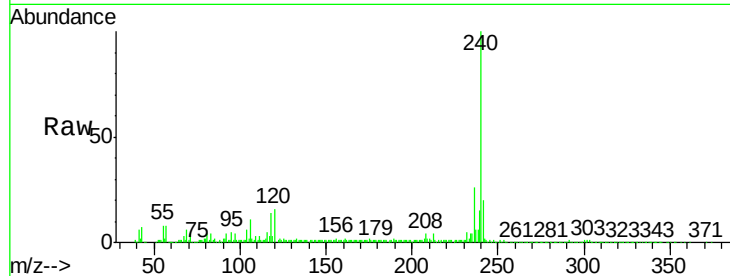
Tot Ion:240 Resp: 223398

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

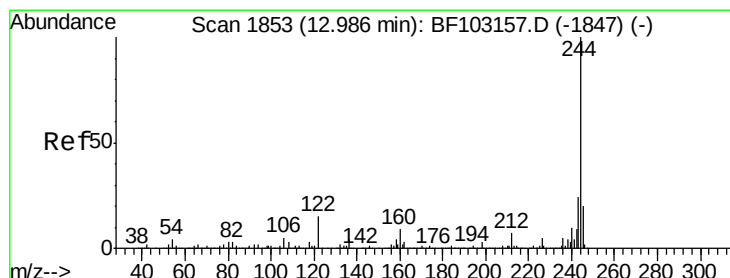
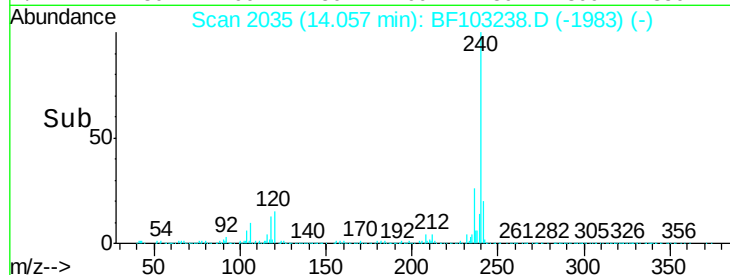
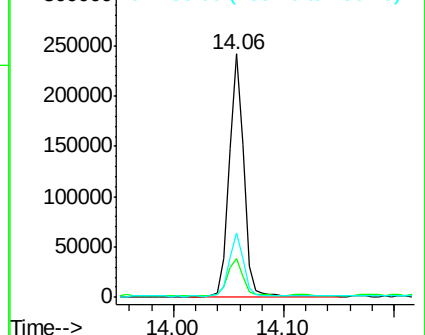
236 26.2 20.7 31.1



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: 14.71 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103238.D

Acq: 27 Feb 2018 00:36

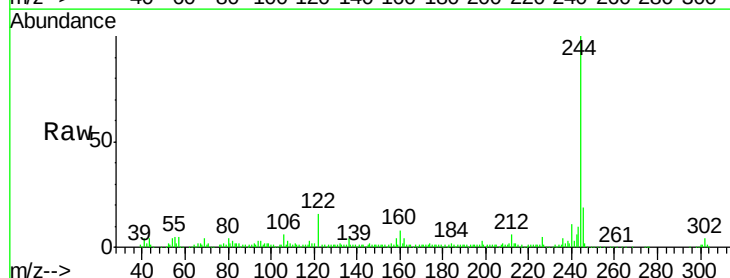
Tgt Ion:244 Resp: 136662

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

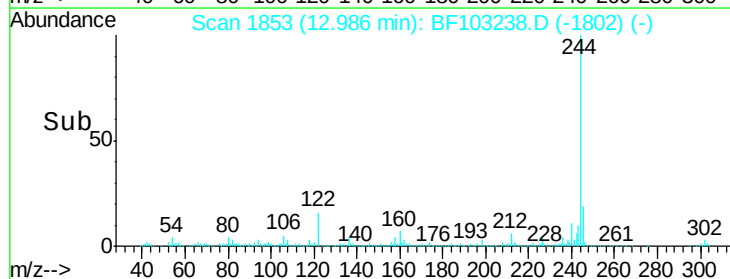
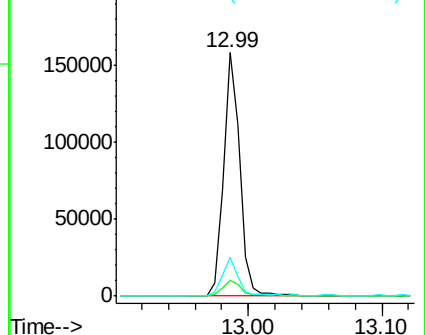
122 15.7 11.0 16.4

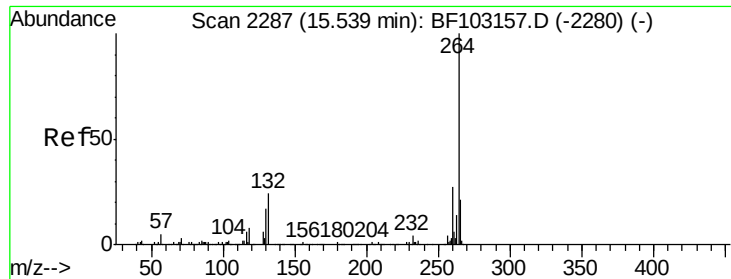


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

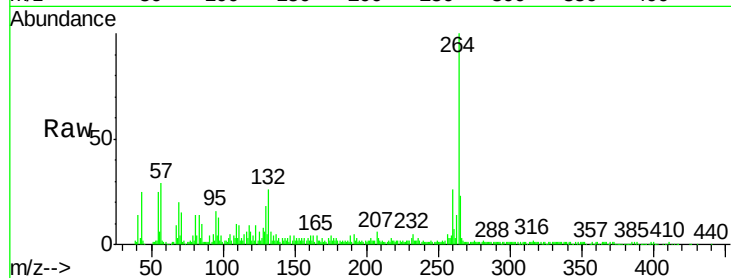




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.02 min
Lab File: BF103238.D
Acq: 27 Feb 2018 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	23.4	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

