

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103304.D
 Acq On : 28 Feb 2018 20:18
 Operator : SJ/JU
 Sample : J1715-01 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:04:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

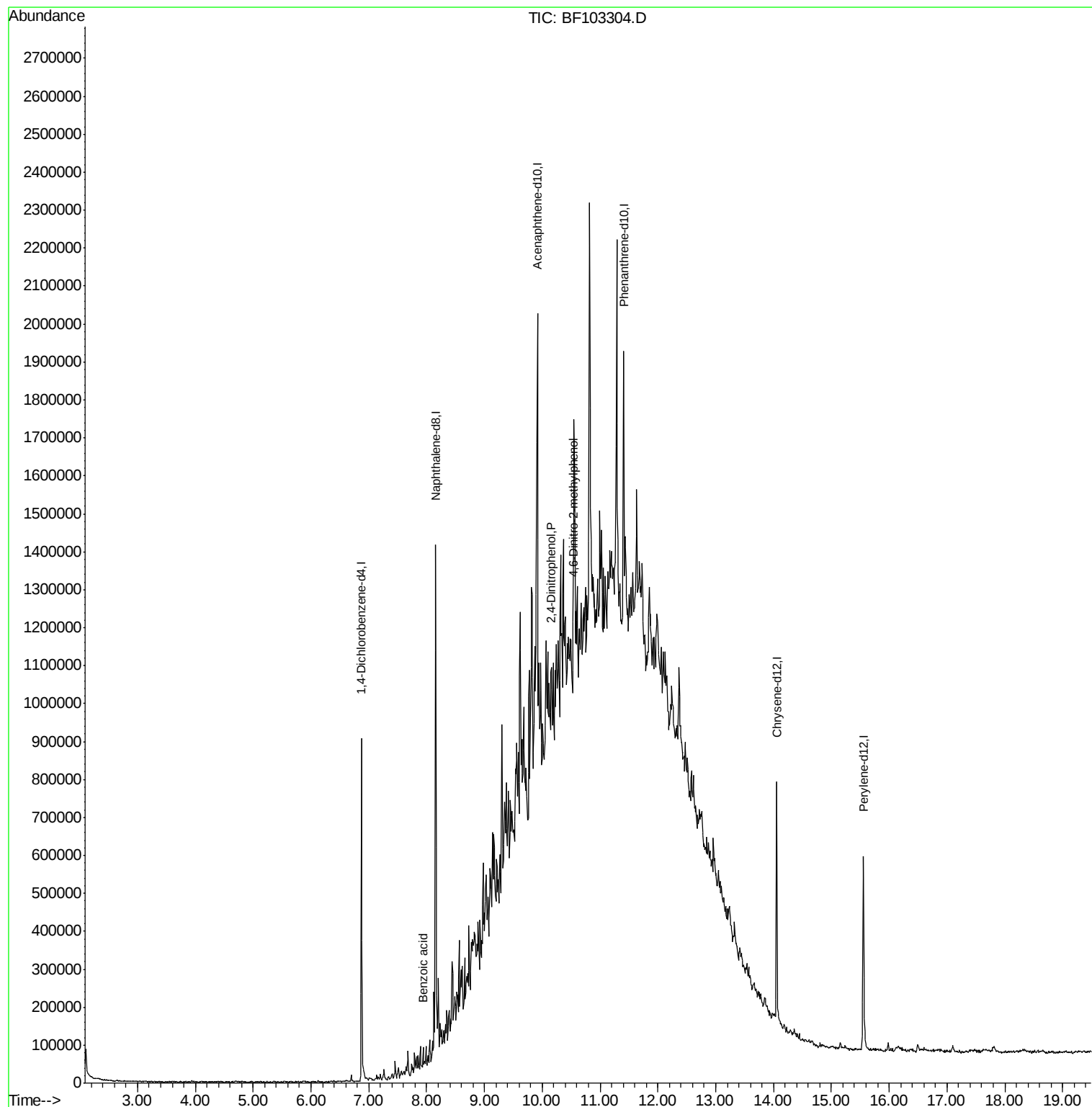
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152643	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	603202	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	211393	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	278452	20.00	ng	0.00
75) Chrysene-d12	14.06	240	243996	20.00	ng	0.00
86) Perylene-d12	15.56	264	255181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	568	0.06	ng	0.05
7) Phenol-d6	6.56	99	404	0.03	ng	0.05
23) Nitrobenzene-d5	7.47	82	2079	0.20	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	3095	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	2043	0.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	416	Below Cal	#	1
32) Benzoic acid	7.95	122	120	6.930	ng	# 16
53) 2,4-Dinitrophenol	10.16	184	549	9.997	ng	# 39
64) 4,6-Dinitro-2-methylphenol	10.53	198	329	5.120	ng	# 1

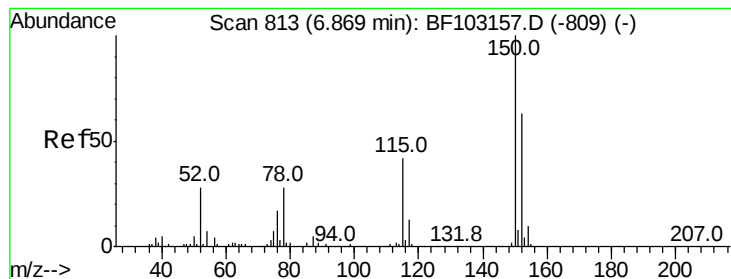
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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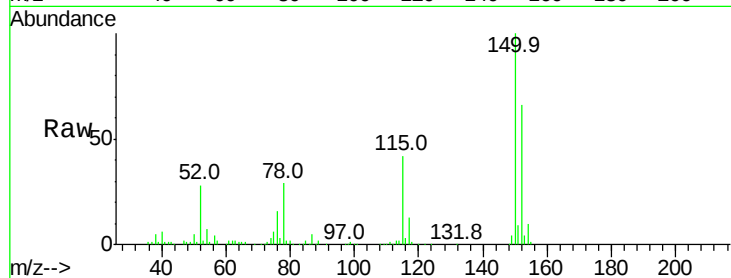


#1

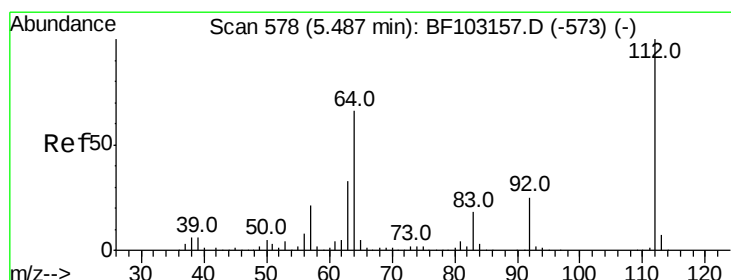
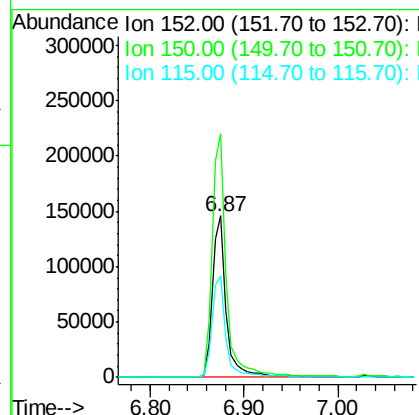
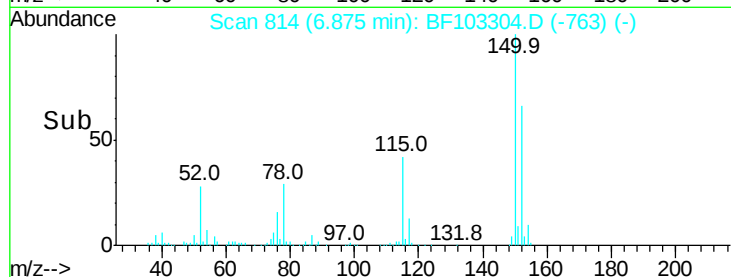
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103304.D
Acq: 28 Feb 2018 20:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 152643
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 62.7 50.1 75.1



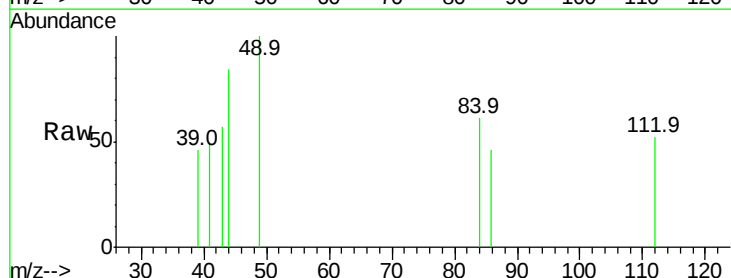
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



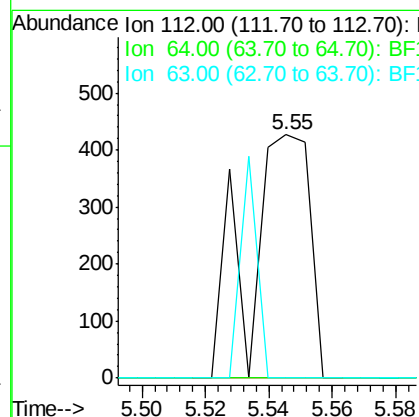
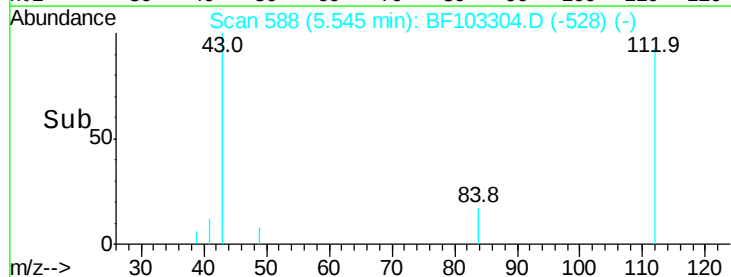
#5

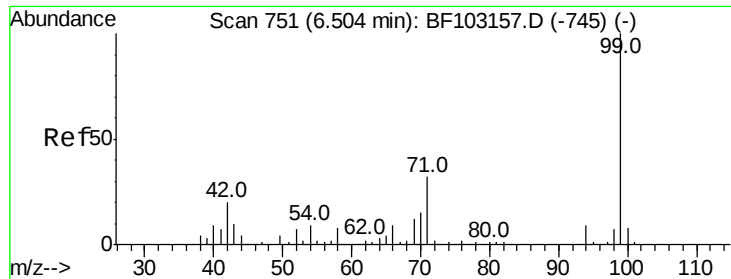
2-Fluorophenol
Concen: 0.056 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.05 min
Lab File: BF103304.D
Acq: 28 Feb 2018 20:18

Tgt Ion:112 Resp: 568
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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: 0.033 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.05 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

Instrument :

BNA_F

ClientSampled :

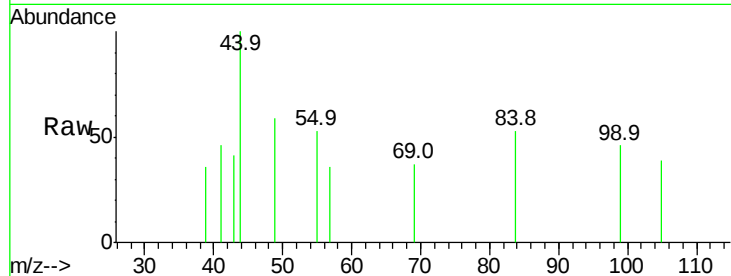
Tot Ion: 99 Resp: 404

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

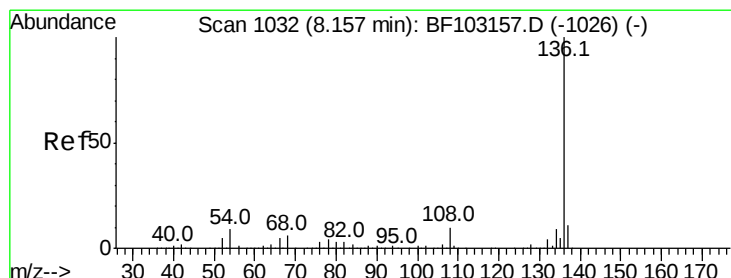
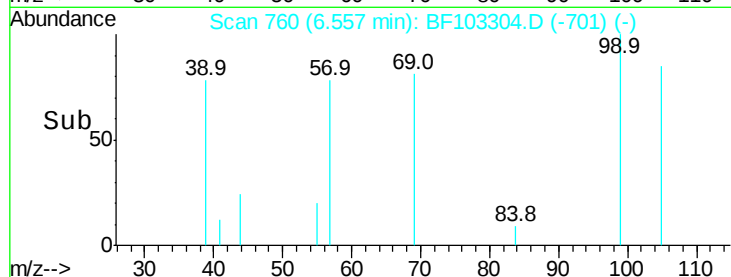
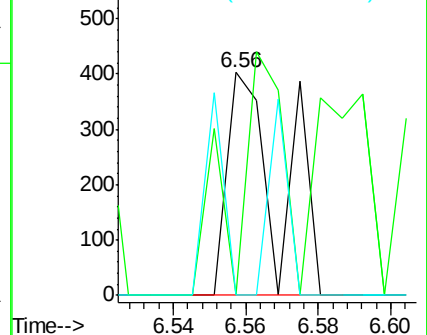
71 0.0 25.4 38.0#



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: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

Tgt Ion: 136 Resp: 603202

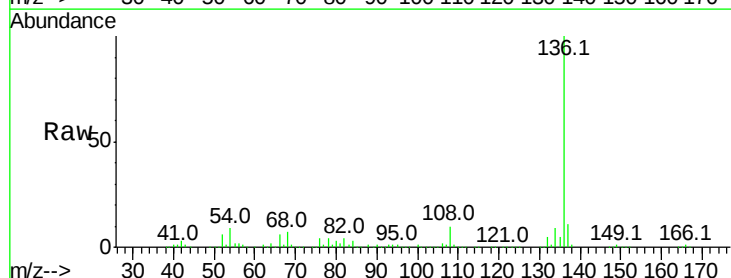
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.3 6.6 9.8

68 6.7 5.0 7.4

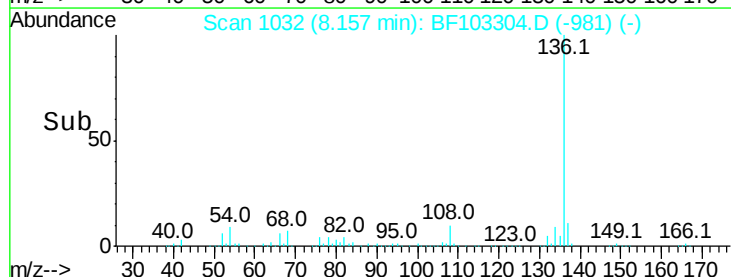
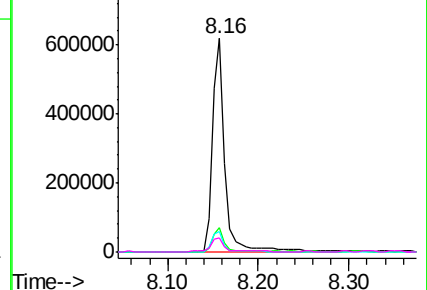


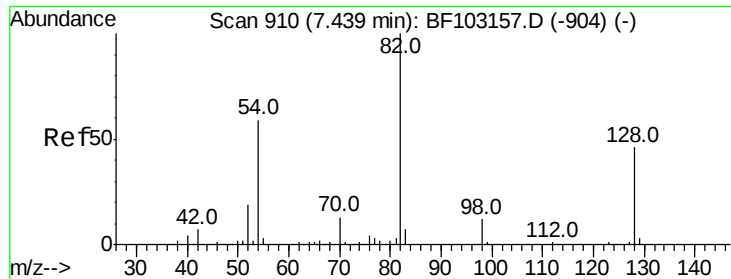
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.02 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

Instrument :

BNA_F

ClientSampled :

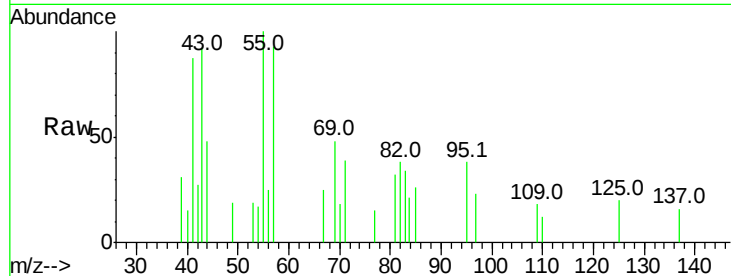
Tot Ion: 82 Resp: 2079

Ion Ratio Lower Upper

82 100

128 0.0 36.1 54.1#

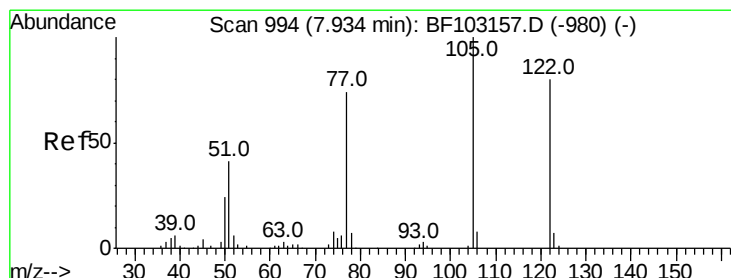
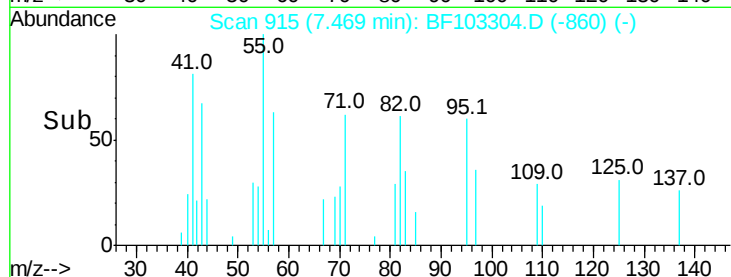
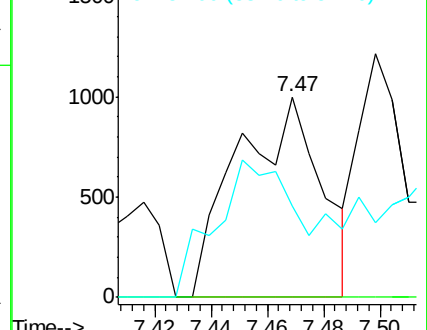
54 45.5 41.4 62.2



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



#32

Benzoic acid

Concen: 6.930 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

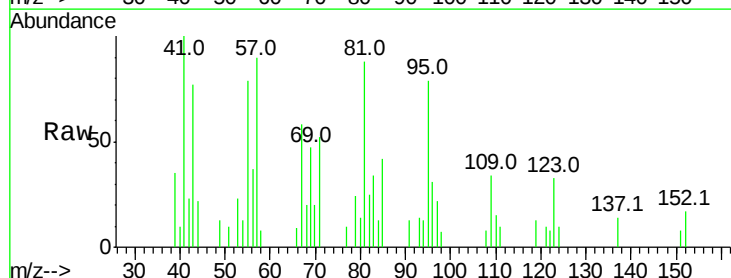
Tgt Ion:122 Resp: 120

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

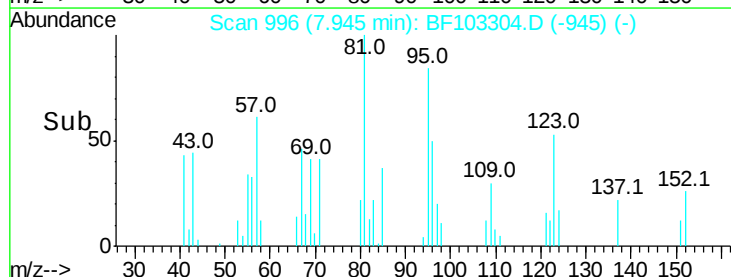
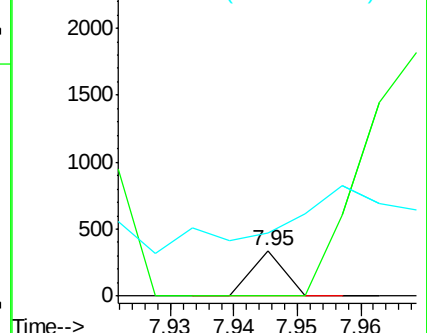
77 138.4 70.7 110.7#

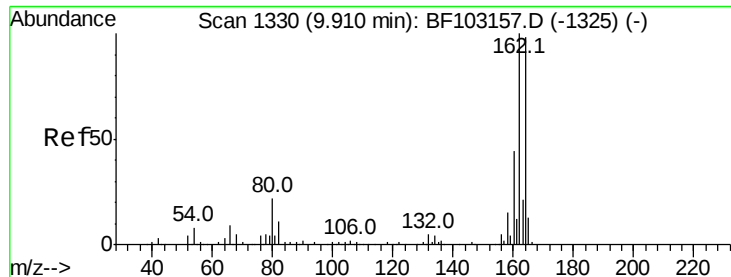


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

Instrument :

BNA_F

ClientSampleId :

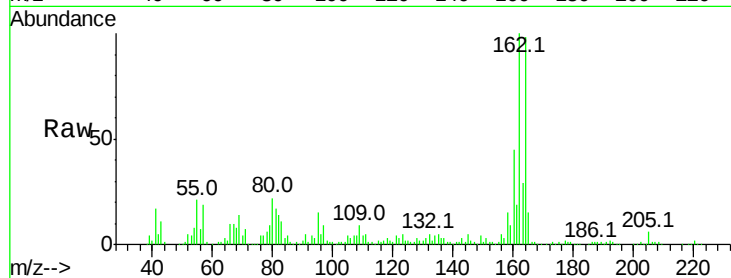
Tot Ion:164 Resp: 211393

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

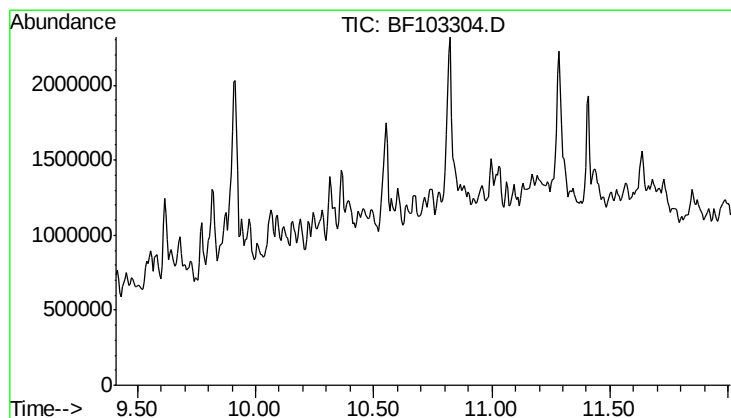
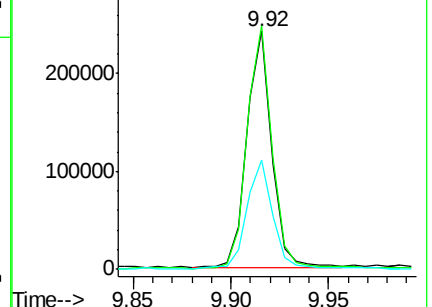
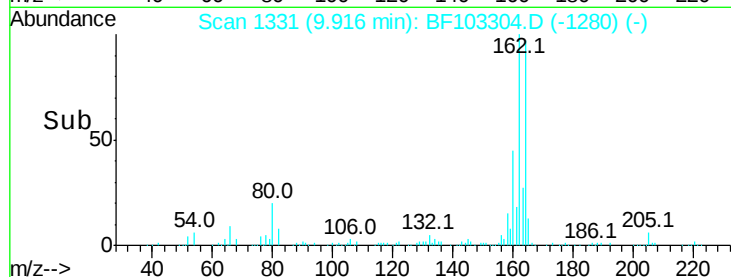
160 45.6 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.71 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

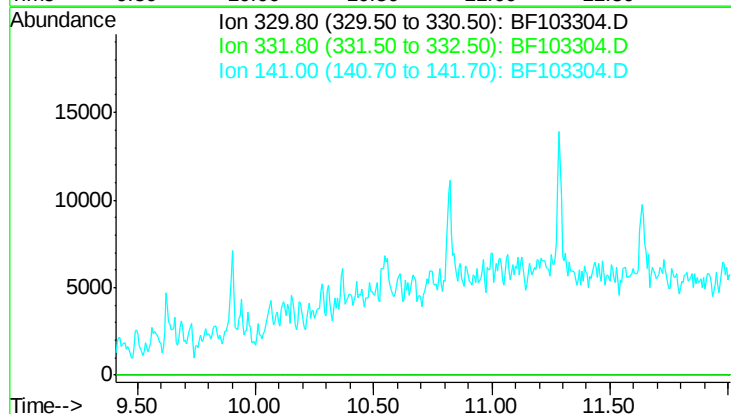
Tgt Ion: 330

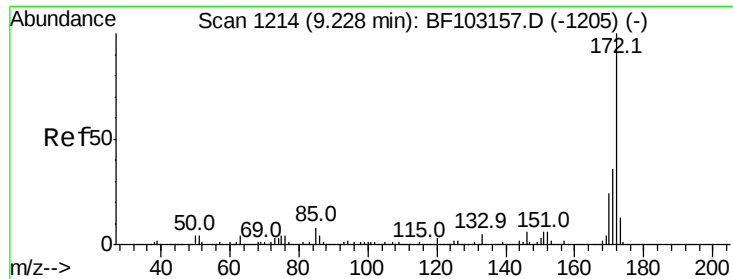
Sig Exp Ratio

330 100

332 96.3

141 37.4

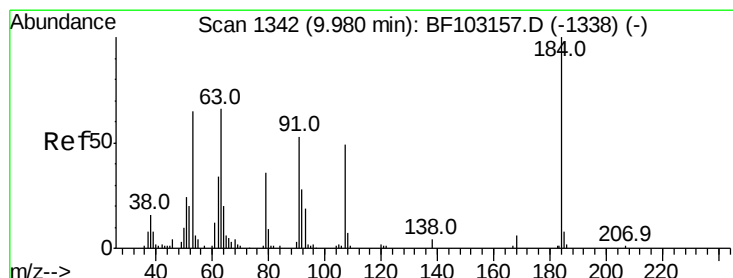
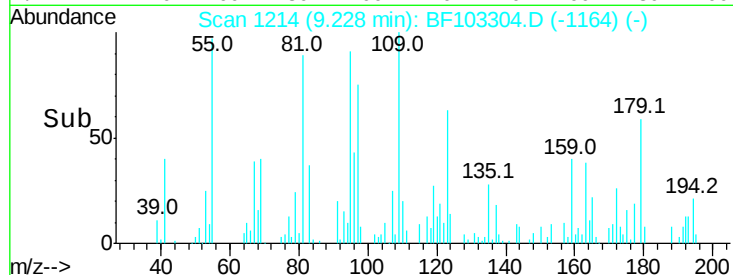
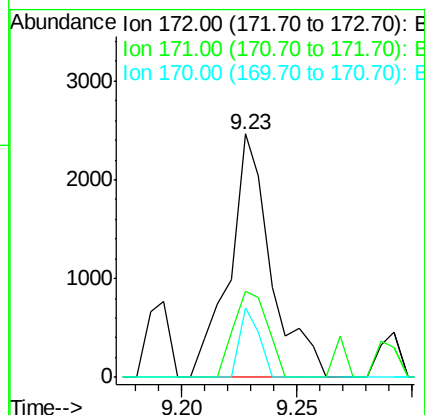
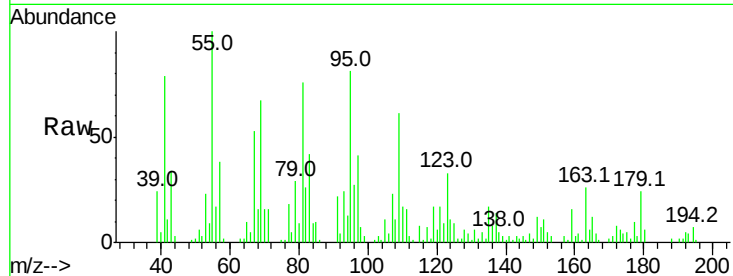




#44
2-Fluorobiphenyl
Concen: -1.000 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103304.D
Acq: 28 Feb 2018 20:18

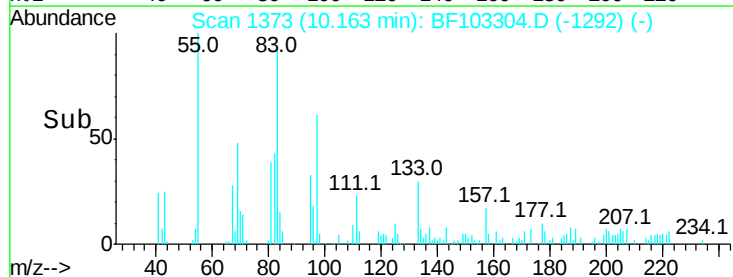
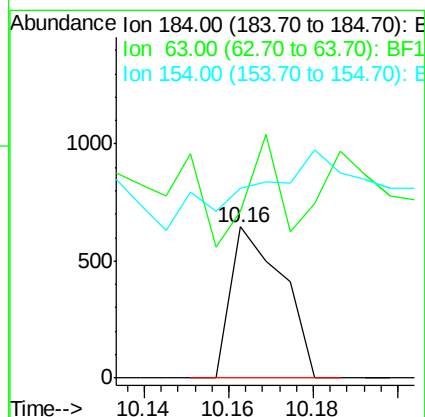
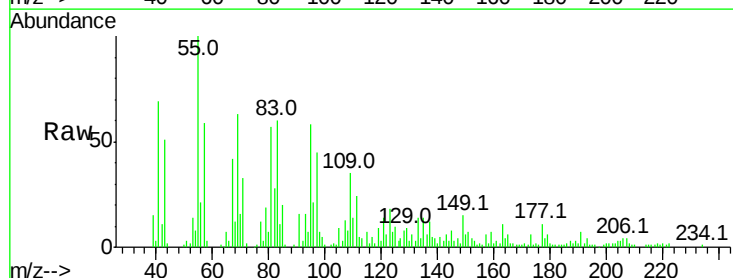
Instrument :
BNA_F
ClientSampleId :

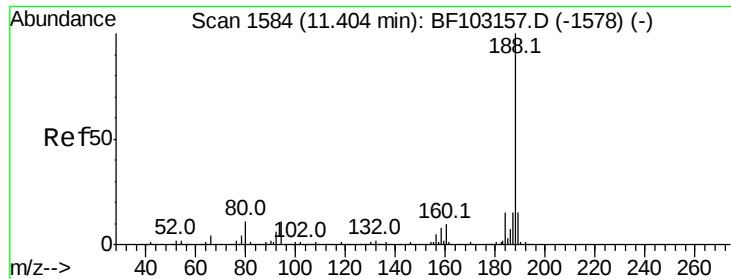
Tot Ion:172 Resp: 3095
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 28.5 19.6 29.4



#53
2,4-Dinitrophenol
Concen: 9.997 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.18 min
Lab File: BF103304.D
Acq: 28 Feb 2018 20:18

Tgt Ion:184 Resp: 549
Ion Ratio Lower Upper
184 100
63 110.7 54.2 81.2#
154 125.4 184.0 276.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

Instrument :

BNA_F

ClientSampleId :

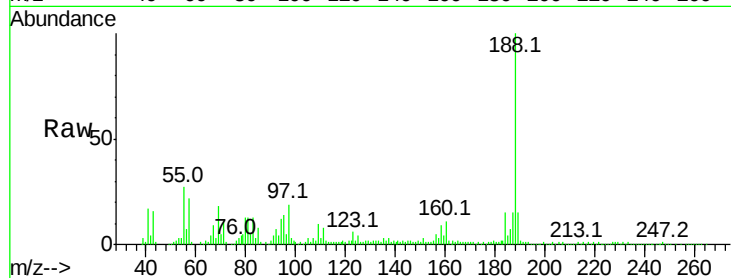
Tot Ion:188 Resp: 278452

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

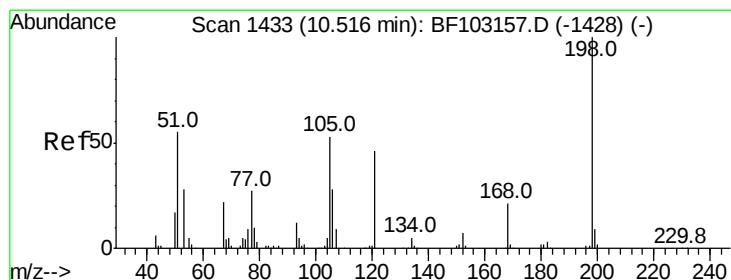
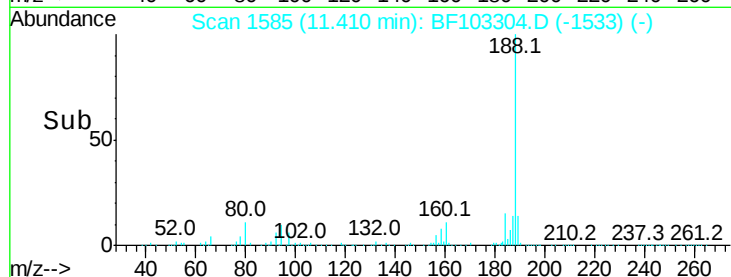
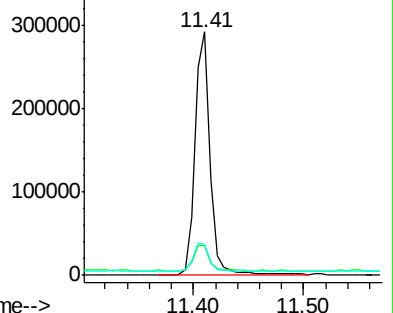
80 13.0 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.120 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

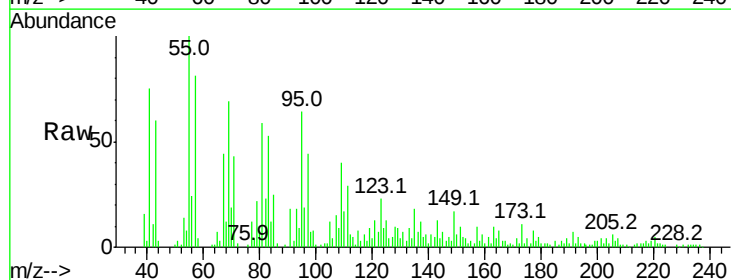
Tgt Ion:198 Resp: 329

Ion Ratio Lower Upper

198 100

51 414.8 37.7 77.7#

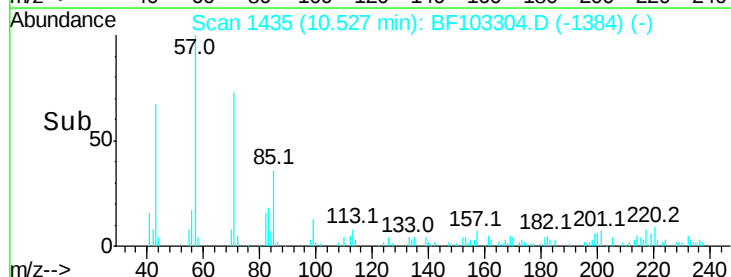
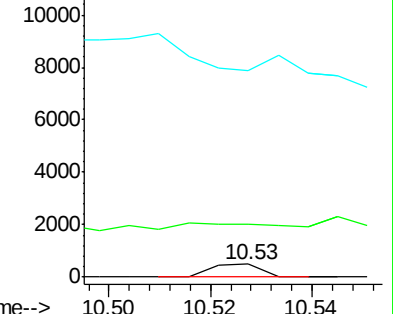
105 1640.5 36.3 76.3#

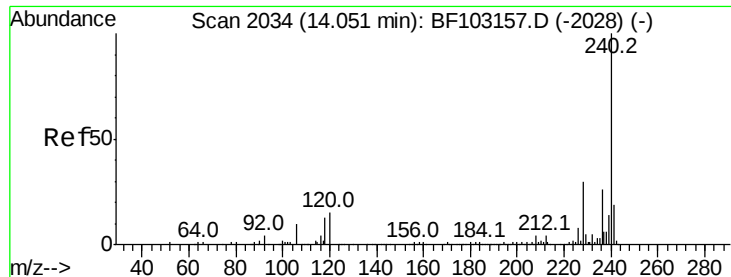


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

Instrument :

BNA_F

ClientSampleId :

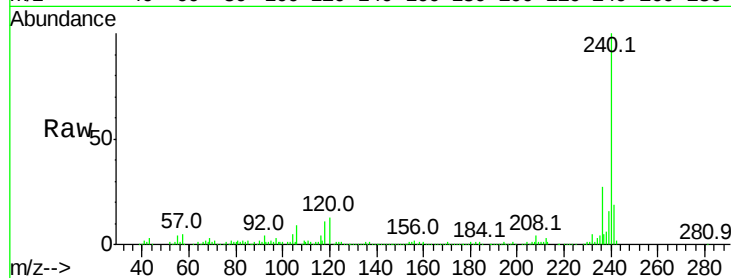
Tot Ion:240 Resp: 243996

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

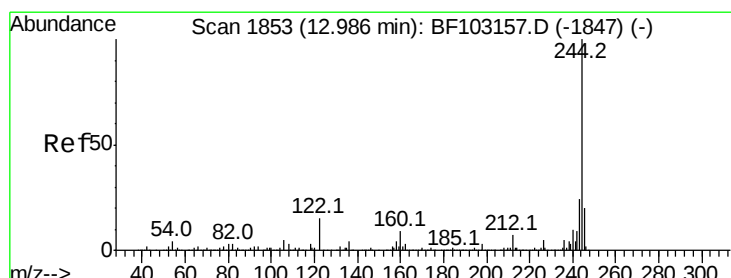
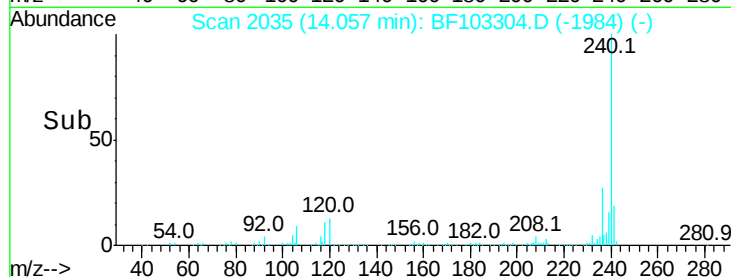
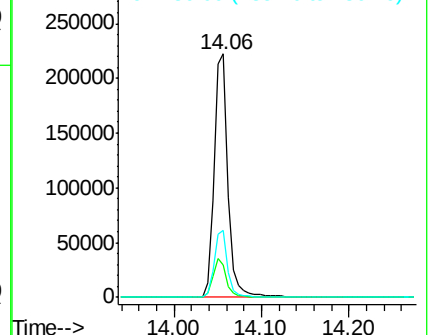
236 27.4 20.7 31.1



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: 0.201 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103304.D

Acq: 28 Feb 2018 20:18

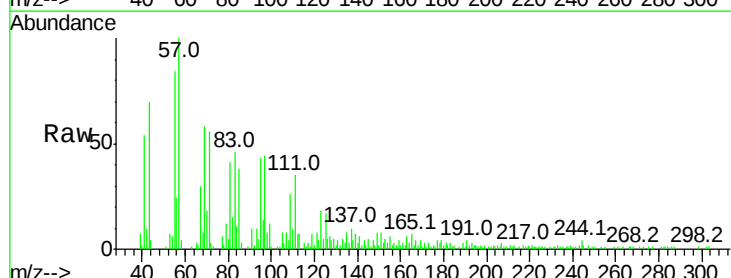
Tgt Ion:244 Resp: 2043

Ion Ratio Lower Upper

244 100

212 31.6 5.4 8.0#

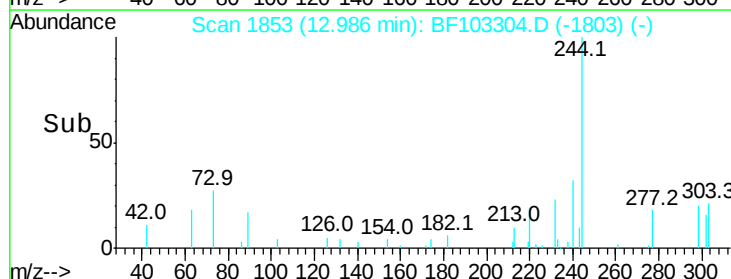
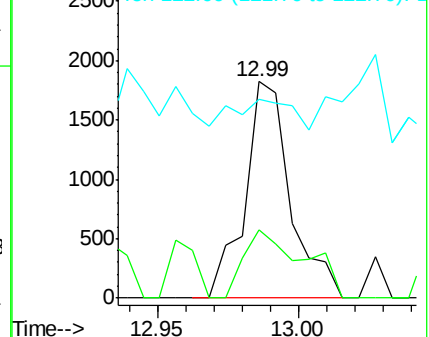
122 92.0 11.0 16.4#

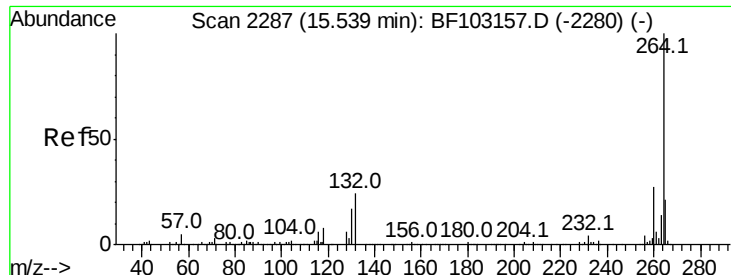


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

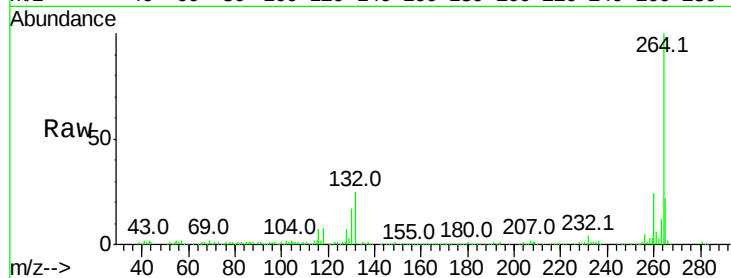




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BF103304.D
 Acq: 28 Feb 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	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

