

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103638.D
 Acq On : 14 Mar 2018 13:57
 Operator : SJ/JU
 Sample : J1893-01RE 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 18:10:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

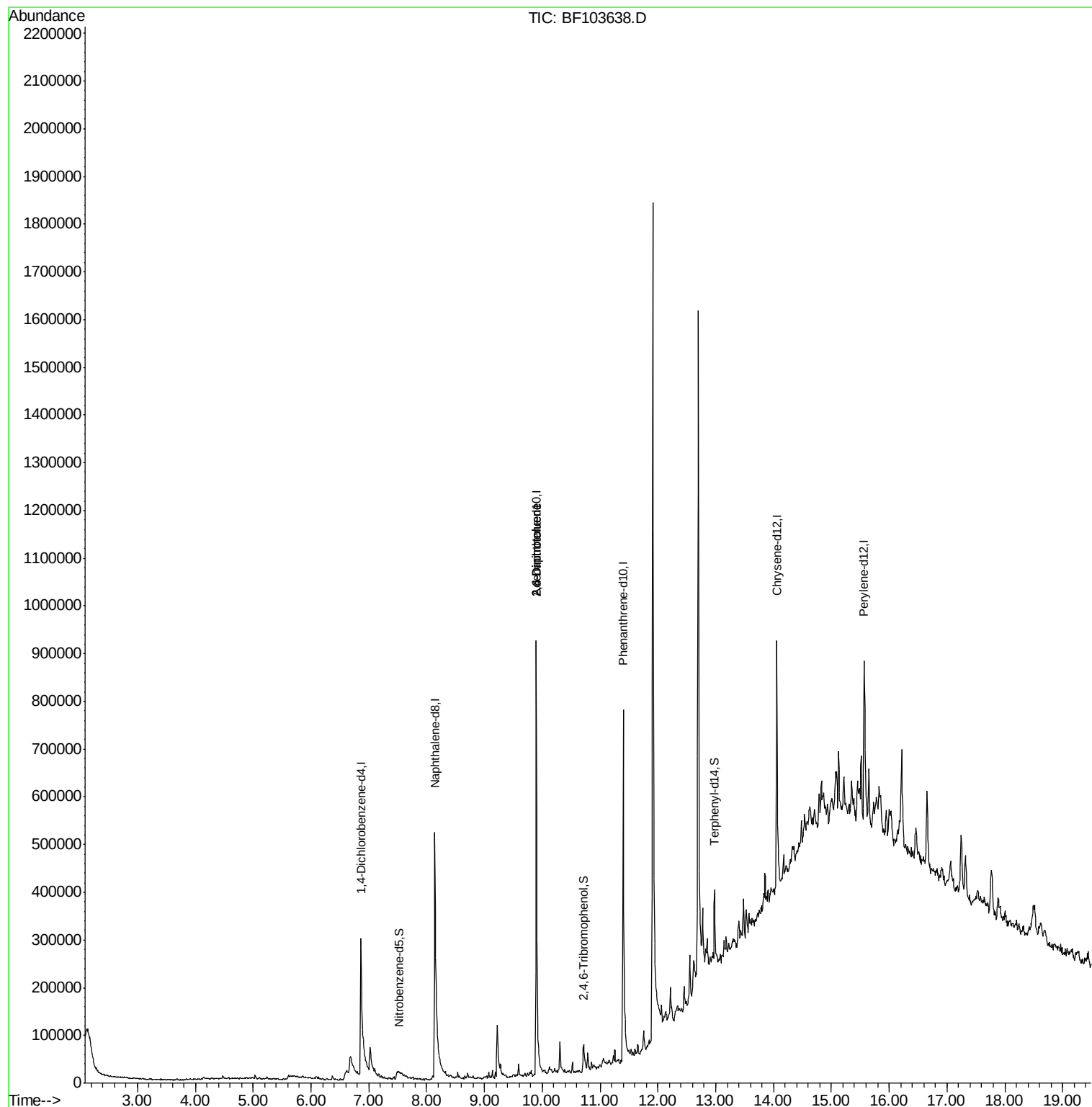
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114497	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	566558	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	254602	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	430449	20.00	ng	0.00
75) Chrysene-d12	14.06	240	237846	20.00	ng	0.00
86) Perylene-d12	15.57	264	223146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	8787	1.16	ng	0.16
7) Phenol-d6	6.62	99	16695	1.80	ng	0.12
23) Nitrobenzene-d5	7.51	82	20505	2.07	ng	0.08
41) 2,4,6-Tribromophenol	10.72	330	9529	4.42	ng	0.02
44) 2-Fluorobiphenyl	9.22	172	76554	1.72	ng	0.00
78) Terphenyl-d14	12.98	244	59544	6.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	107	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.90	165	32358	7.549 ng	#	26
56) 2,4-Dinitrotoluene	9.90	165	33198	6.124 ng	#	24

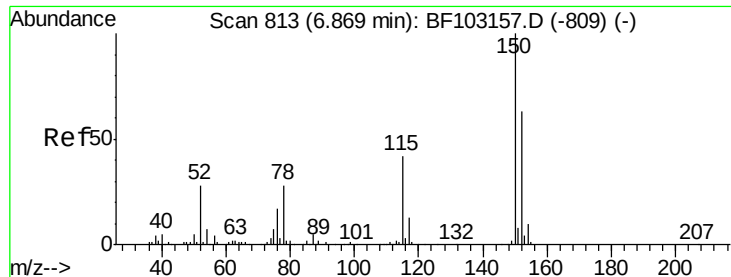
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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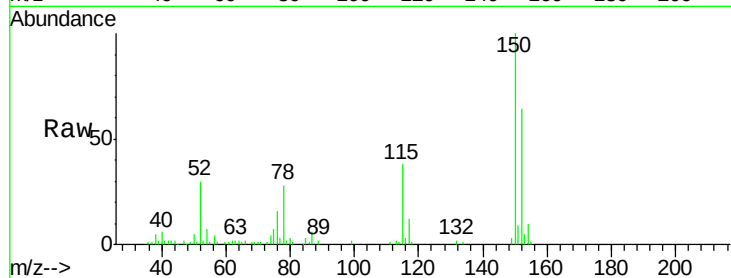


#1

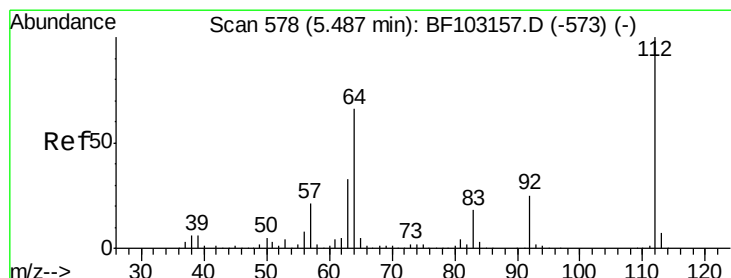
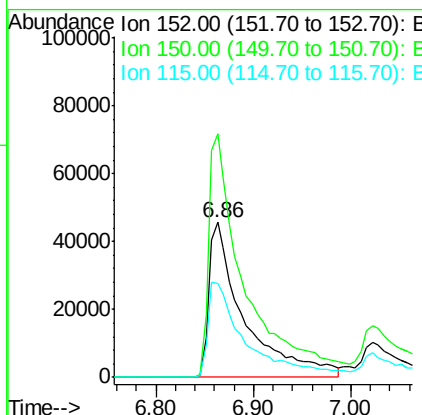
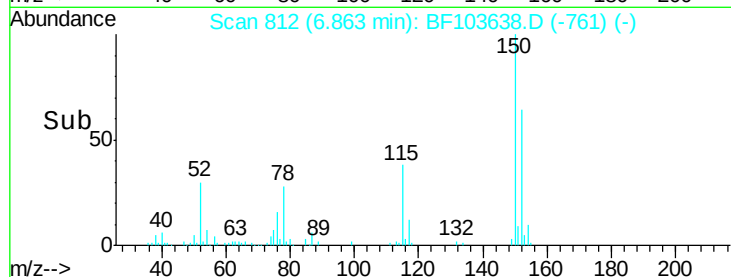
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114497
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.5 50.1 75.1



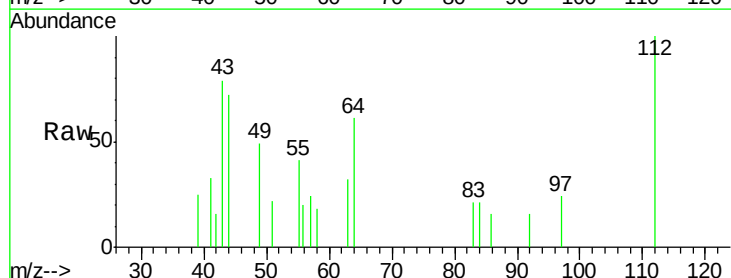
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



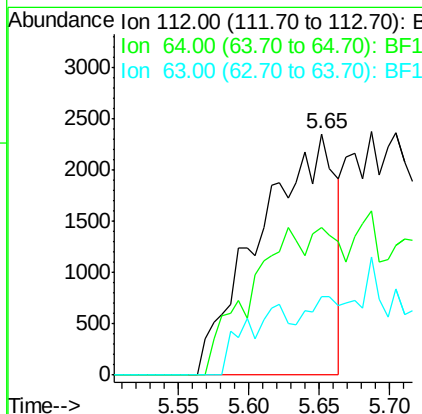
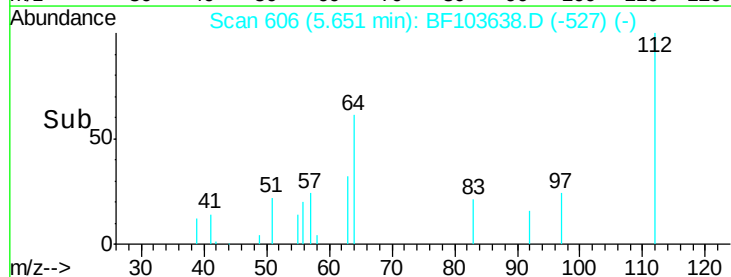
#5

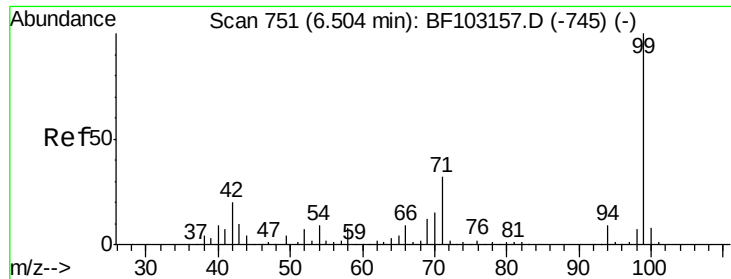
2-Fluorophenol
Concen: 1.161 ng
RT: 5.65 min Scan# 606
Delta R.T. 0.16 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Tgt Ion:112 Resp: 8787
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 32.4 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: 1.802 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.12 min

Lab File: BF103638.D

Acq: 14 Mar 2018 13:57

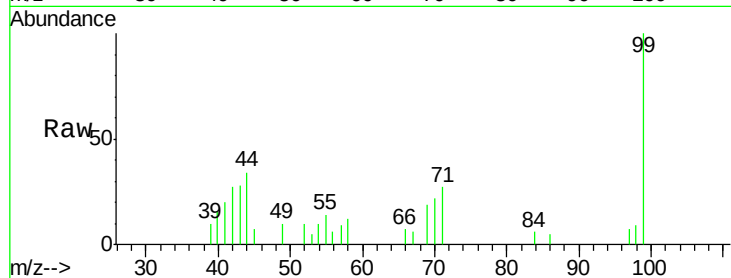
Instrument :

BNA_F

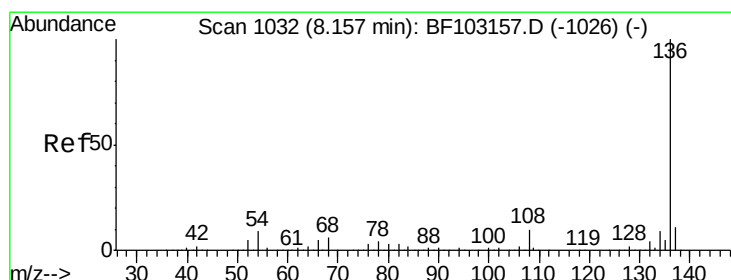
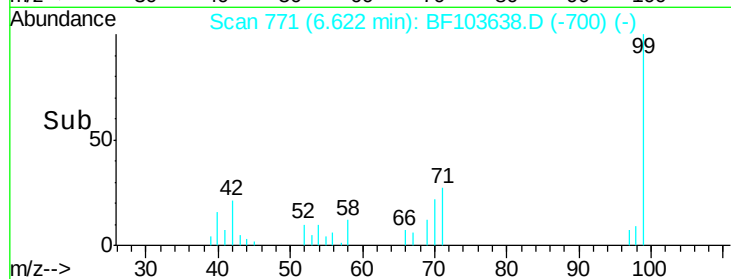
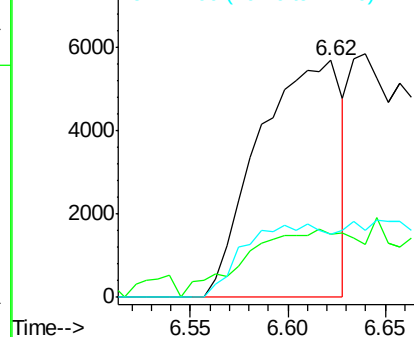
ClientSampleId :

Tot Ion: 99 Resp: 16695

Ion	Ratio	Lower	Upper
99	100		
42	26.9	14.5	21.7#
71	26.6	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: 8.14 min Scan# 1029

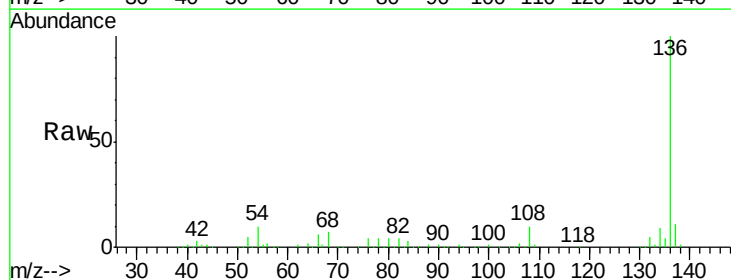
Delta R.T. 0.00 min

Lab File: BF103638.D

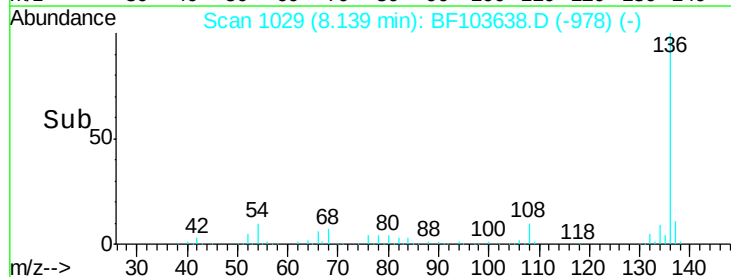
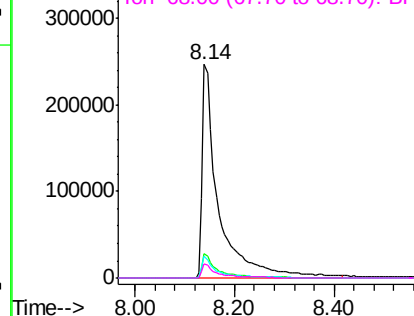
Acq: 14 Mar 2018 13:57

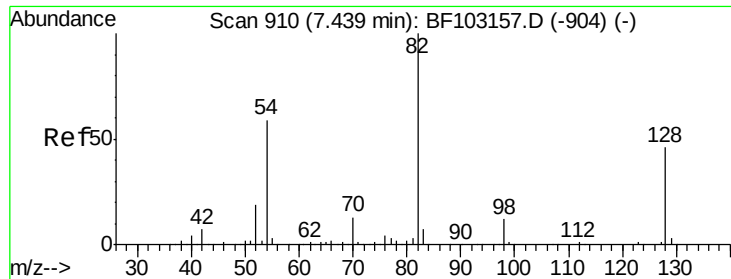
Tgt Ion: 136 Resp: 566558

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	6.6	9.8#
68	6.9	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

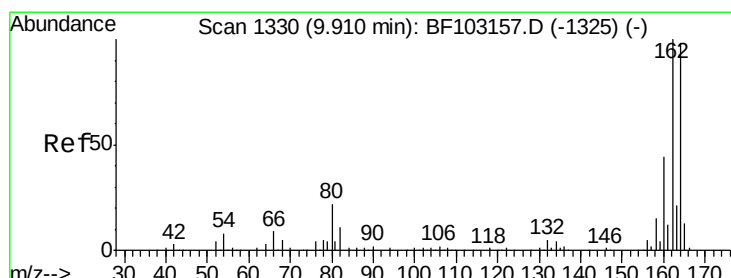
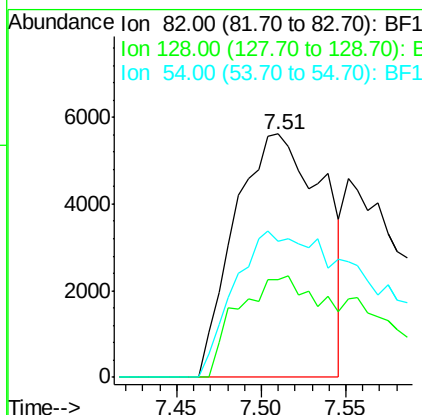
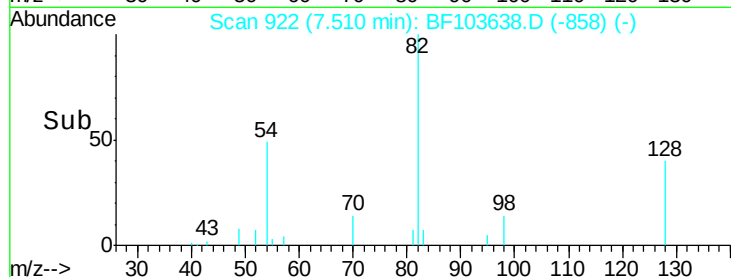
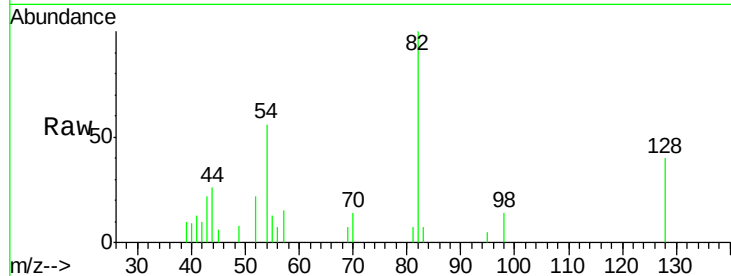




#23
 Nitrobenzene-d5
 Concen: 2.067 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.08 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

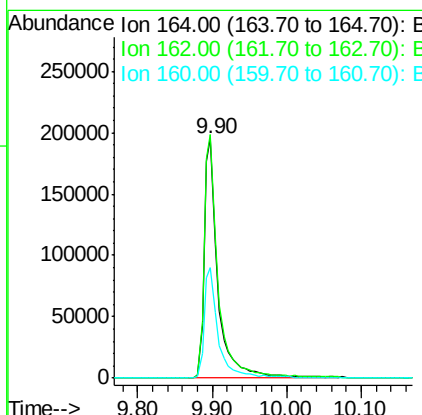
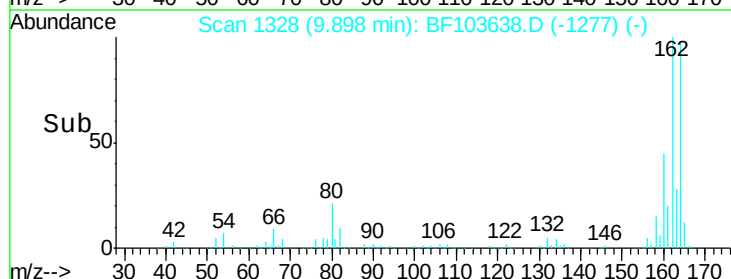
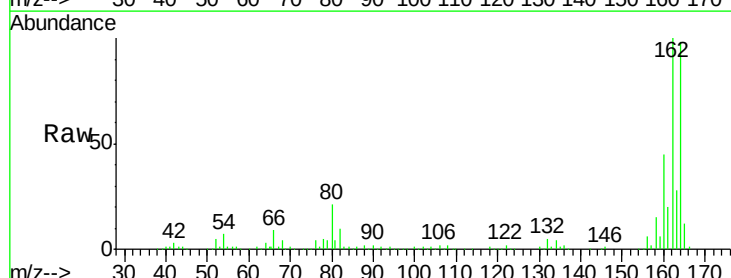
Instrument :
 BNA_F
 ClientSampled :

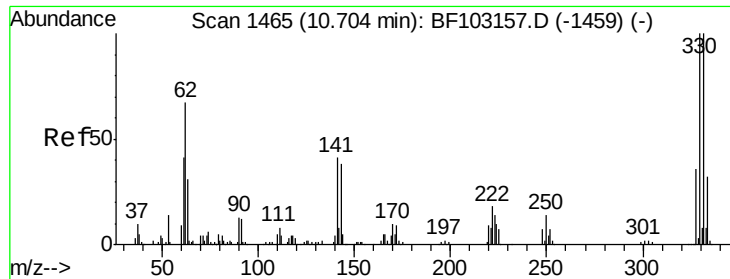
Tot Ion: 82 Resp: 20505
 Ion Ratio Lower Upper
 82 100
 128 39.9 36.1 54.1
 54 55.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Tgt Ion:164 Resp: 254602
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.1 38.3 57.5

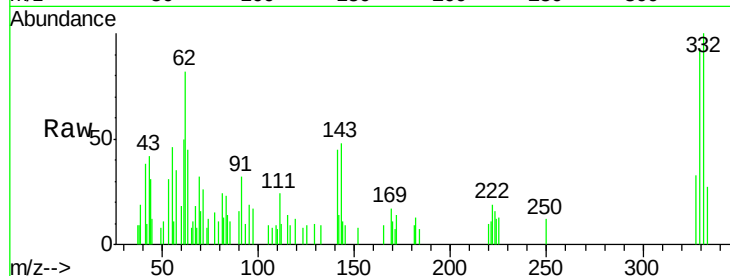




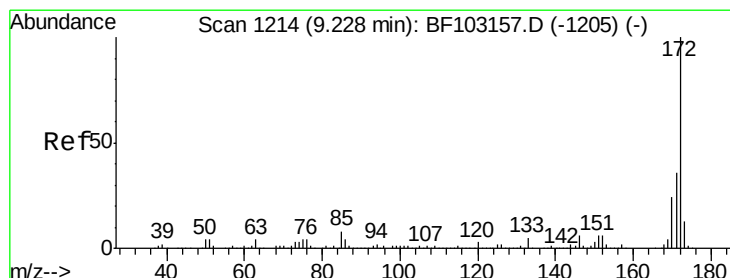
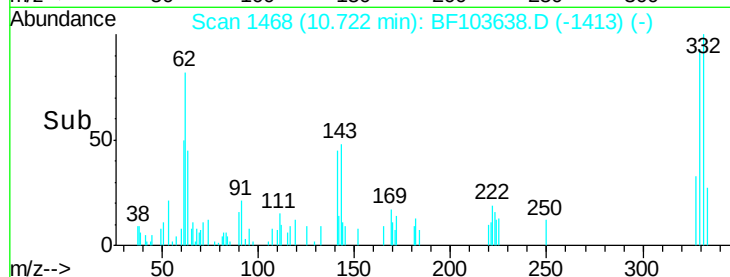
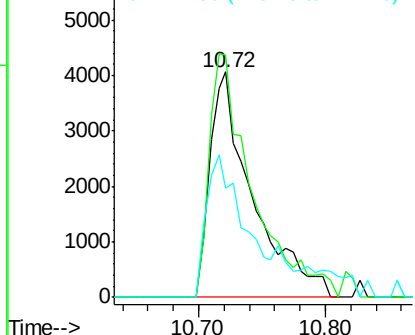
#41
 2,4,6-Tribromophenol
 Concen: 4.422 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.02 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 9529
 Ion Ratio Lower Upper
 330 100
 332 109.4 77.0 115.6
 141 55.5 29.9 44.9#

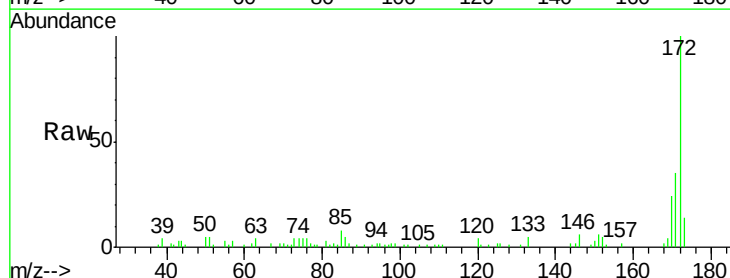


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

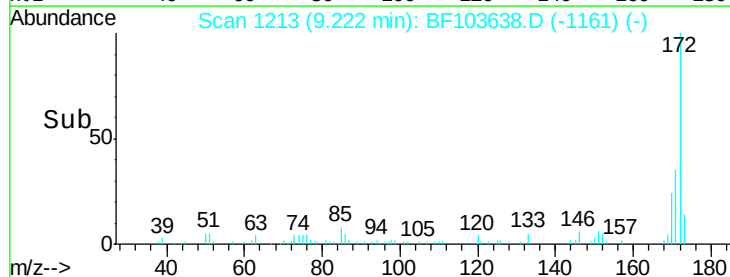
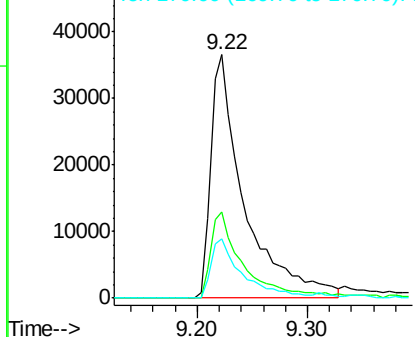


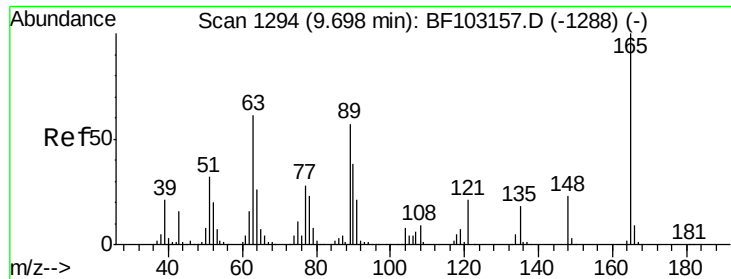
#44
 2-Fluorobiphenyl
 Concen: 1.722 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Tgt Ion:172 Resp: 76554
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.3 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

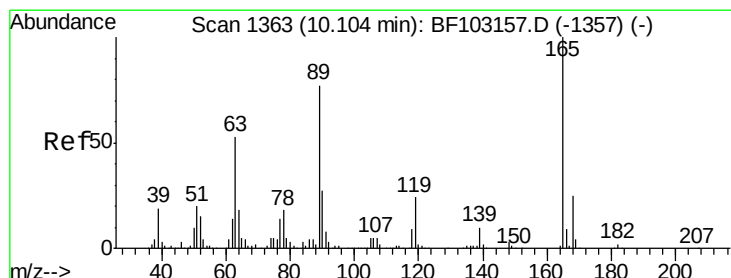
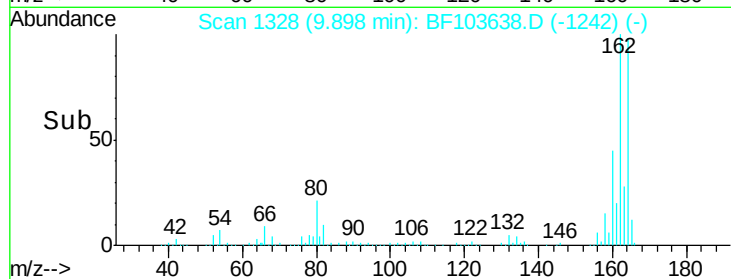
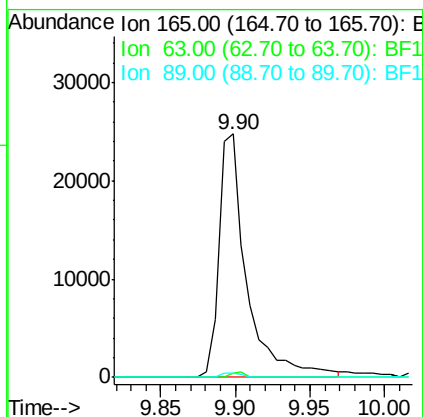
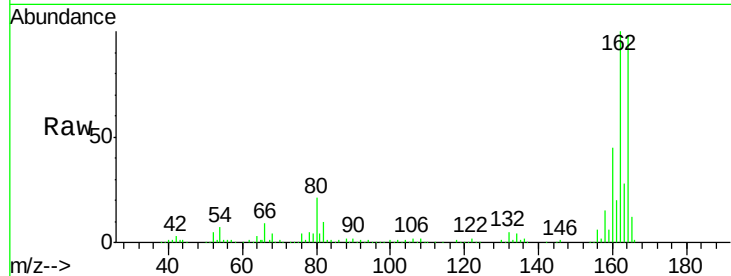




#50
2,6-Dinitrotoluene
Concen: 7.549 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

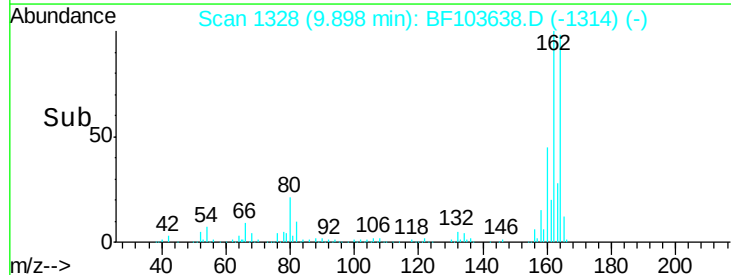
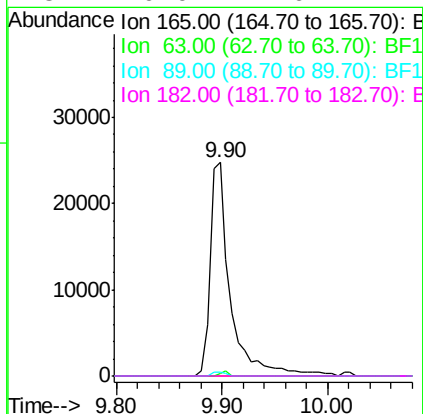
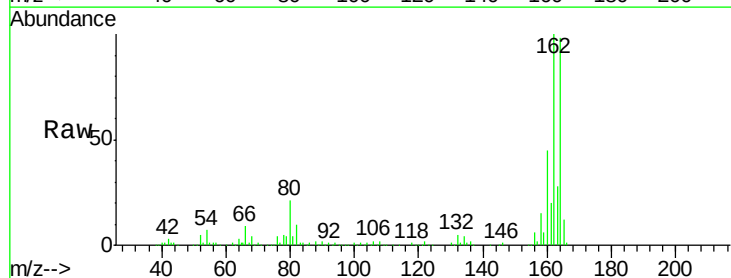
Instrument :
BNA_F
ClientSampleId :

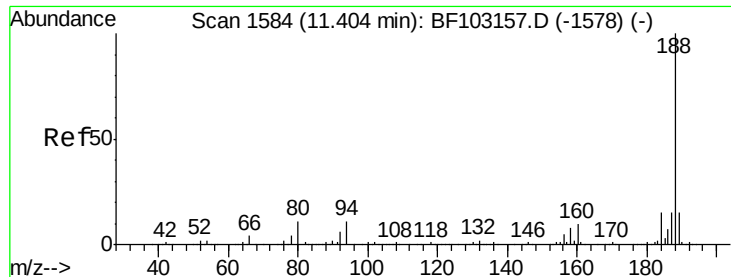
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.124 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

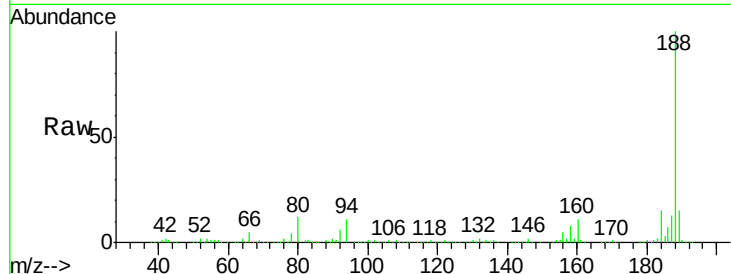




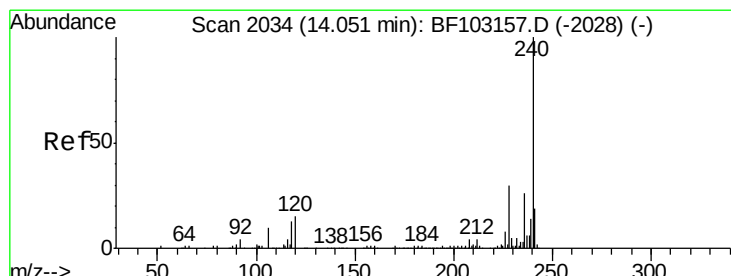
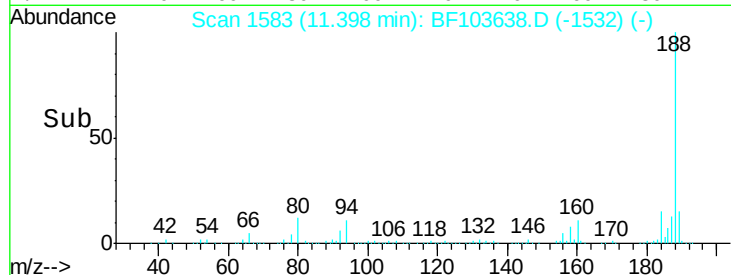
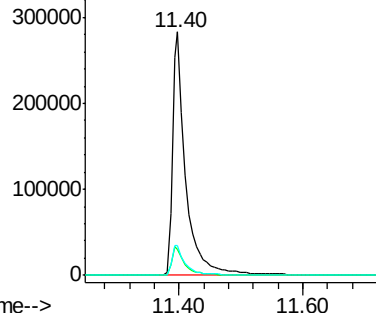
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 430449
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 12.0 9.2 13.8

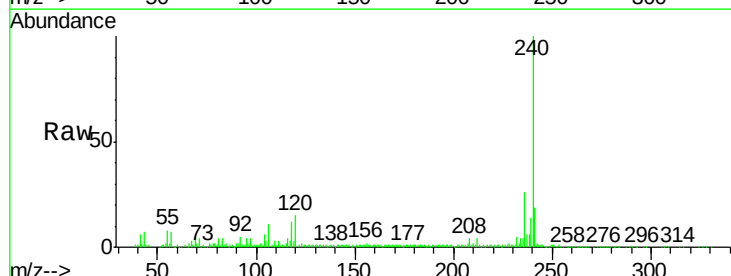


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

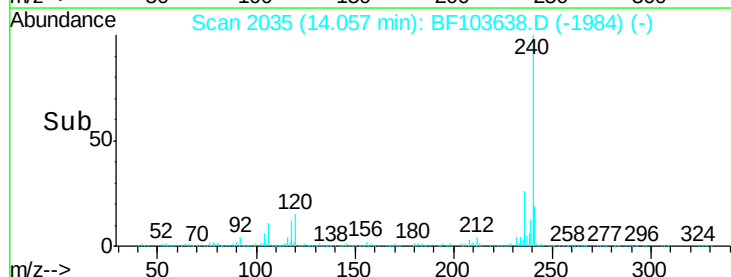
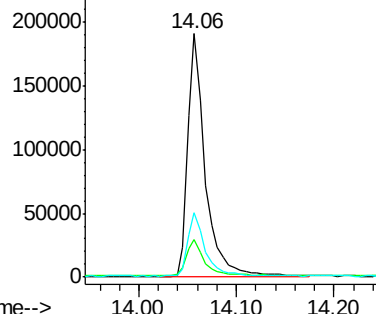


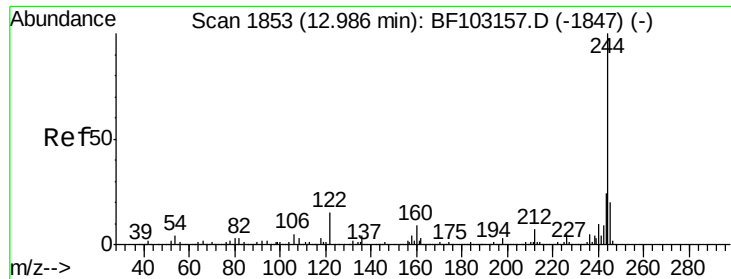
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Tgt Ion:240 Resp: 237846
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 26.5 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

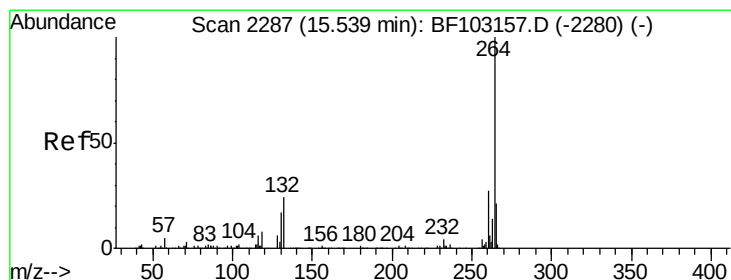
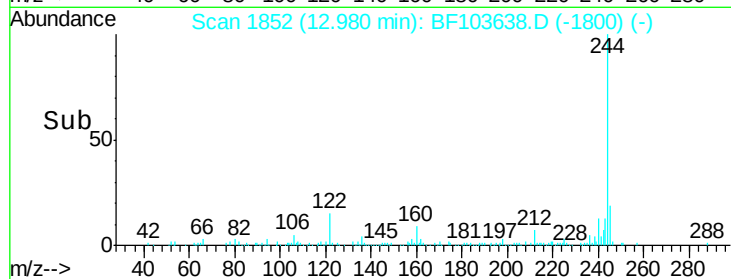
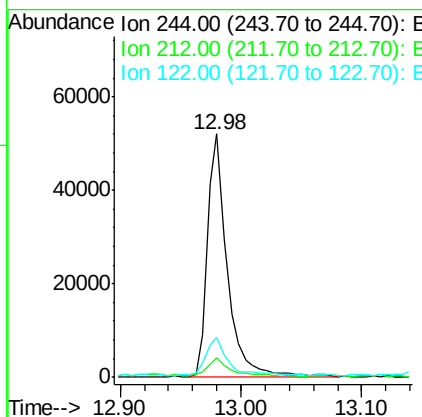
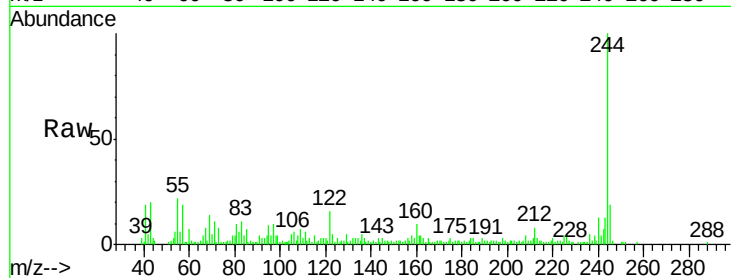




#78
 Terphenyl-d14
 Concen: 6.018 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 59544
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.0#
 122 16.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Tgt Ion:264 Resp: 223146
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.2 28.8
 265 22.6 17.5 26.3

