

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
 Data File : BF103033.D
 Acq On : 15 Feb 2018 22:21
 Operator : SJ/JU
 Sample : J1540-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:06:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

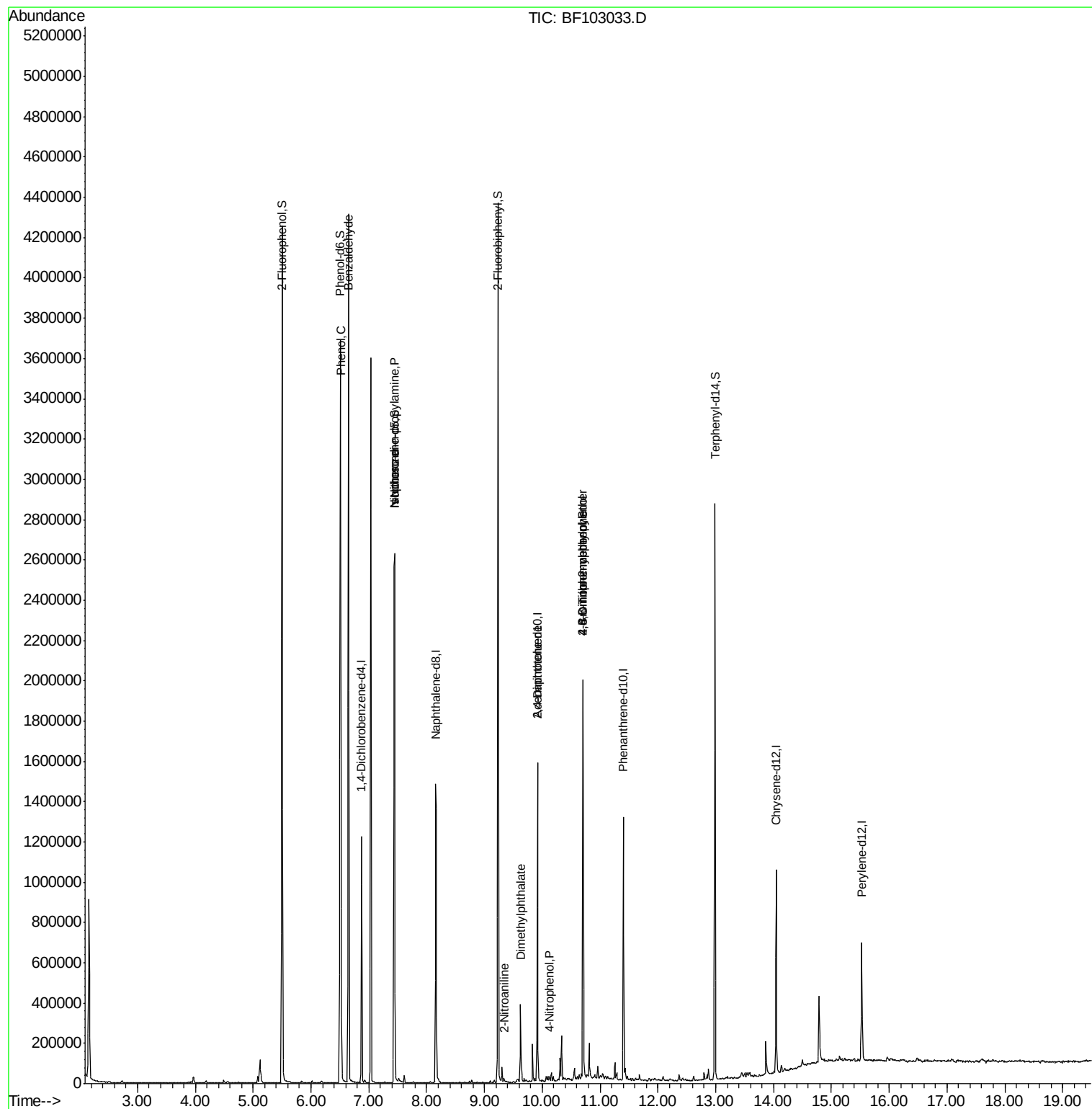
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169694	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	697066	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	288472	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	427837	20.00	ng	0.00
75) Chrysene-d12	14.04	240	302032	20.00	ng	0.00
86) Perylene-d12	15.53	264	248333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1256928	112.49	ng	0.01
7) Phenol-d6	6.51	99	1520956	113.05	ng	0.00
23) Nitrobenzene-d5	7.45	82	931211	92.67	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	236552	101.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1446963	83.23	ng	0.00
78) Terphenyl-d14	12.99	244	998011	78.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	26380	2.64	ng	85
10) Phenol	6.52	94	73934	5.13	ng	91
19) n-Nitroso-di-n-propylamine	7.44	70	122142	13.77	ng	# 79
25) Isophorone	7.45	82	931205	40.25	ng	# 64
47) 2-Nitroaniline	9.33	65	107	3.49	ng	# 2
49) Dimethylphthalate	9.62	163	148381	6.60	ng	99
55) 4-Nitrophenol	10.12	139	479	4.13	ng	# 43
56) 2,4-Dinitrotoluene	9.92	165	35732	8.90	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	391	9.00	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15389	3.40	ng	# 1

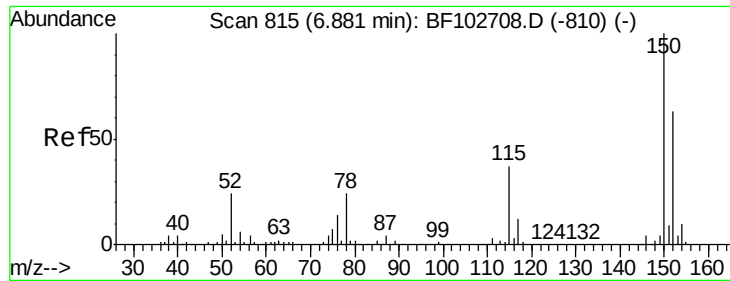
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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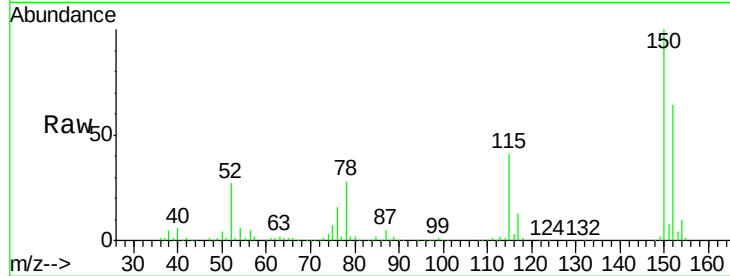


#1

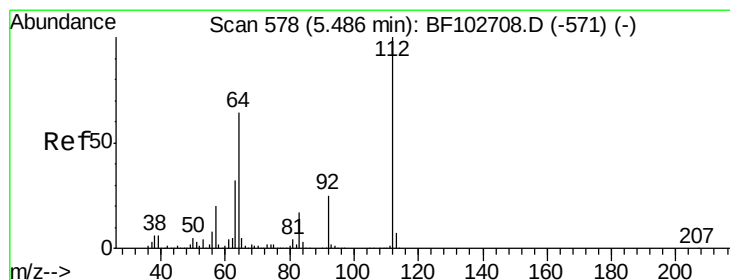
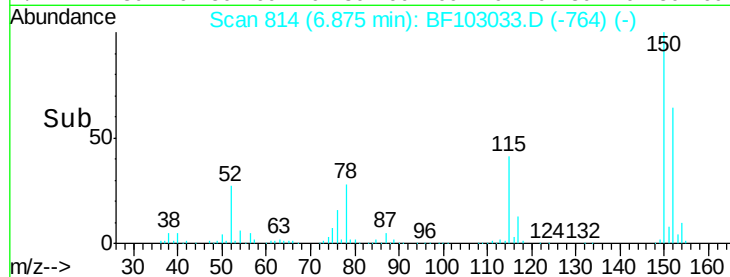
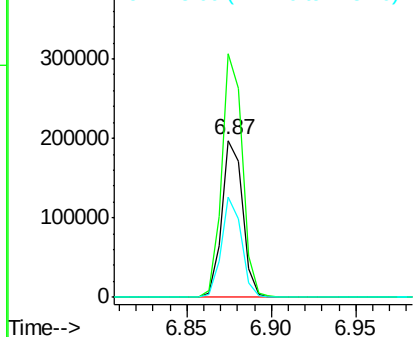
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169694
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 64.1 50.1 75.1



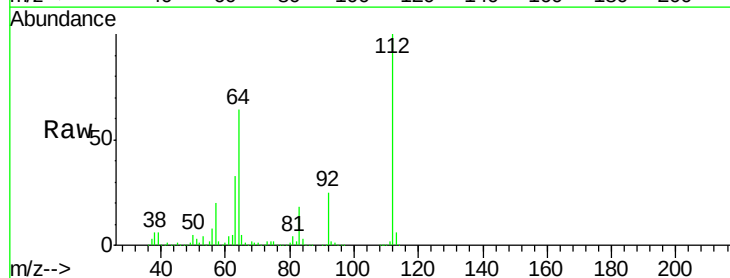
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



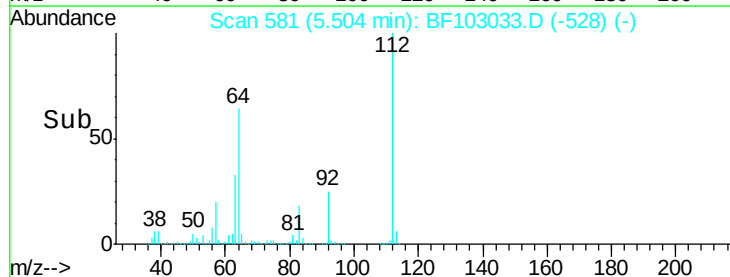
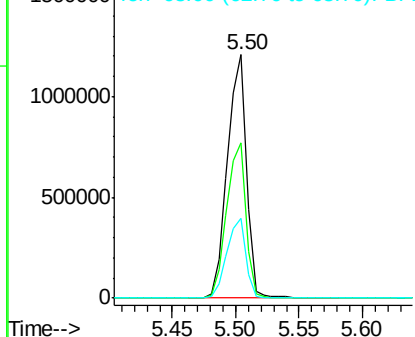
#5

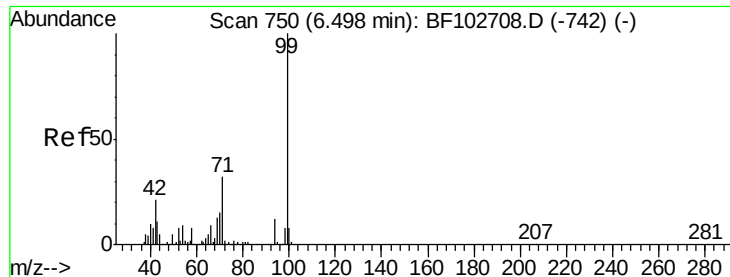
2-Fluorophenol
Concen: 112.49 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Tgt Ion:112 Resp: 1256928
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 32.6 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: 113.05 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103033.D

Acq: 15 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

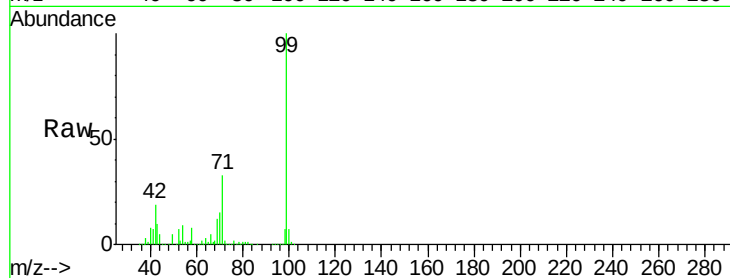
Tot Ion: 99 Resp: 1520956

Ion Ratio Lower Upper

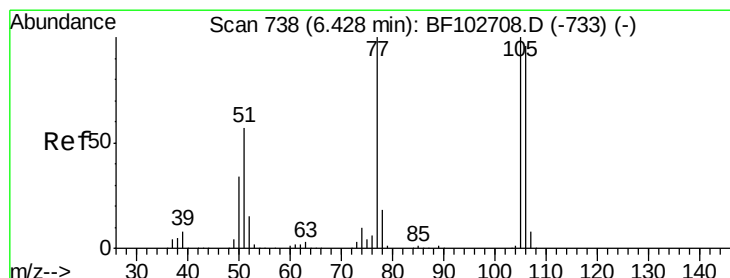
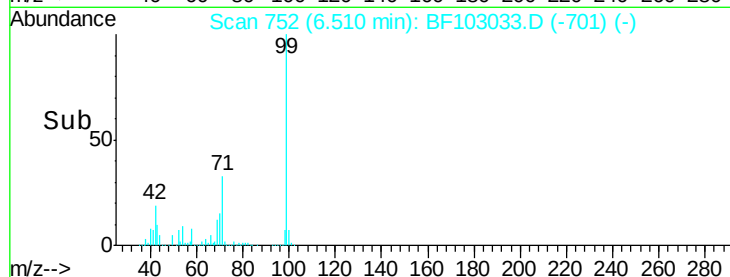
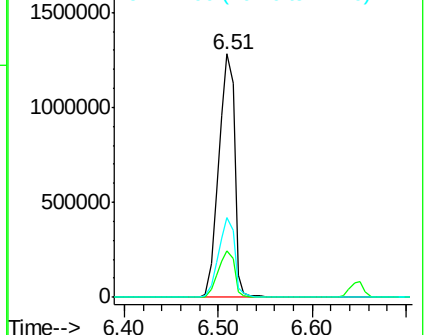
99 100

42 19.3 14.5 21.7

71 33.0 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



#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF103033.D

Acq: 15 Feb 2018 22:21

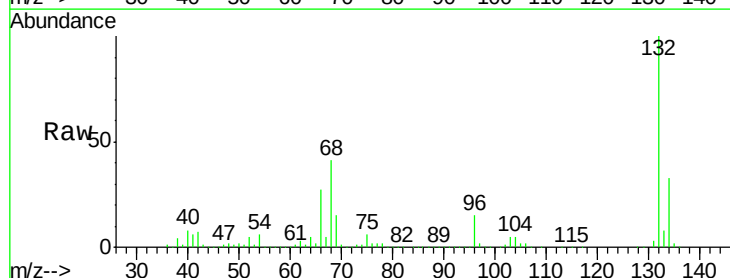
Tgt Ion: 77 Resp: 26380

Ion Ratio Lower Upper

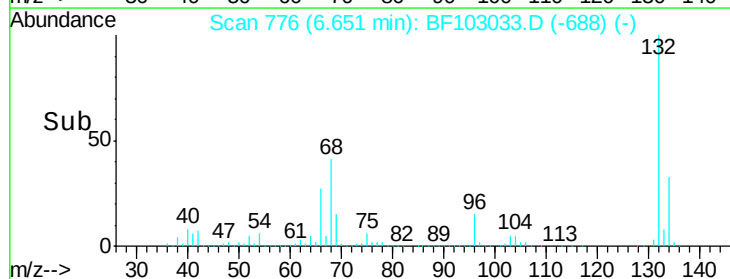
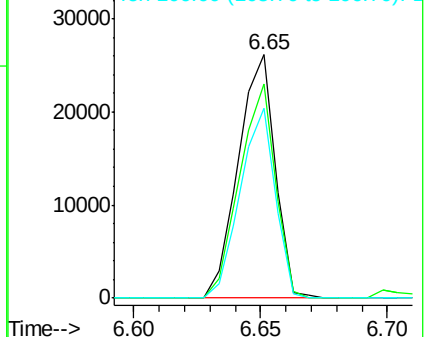
77 100

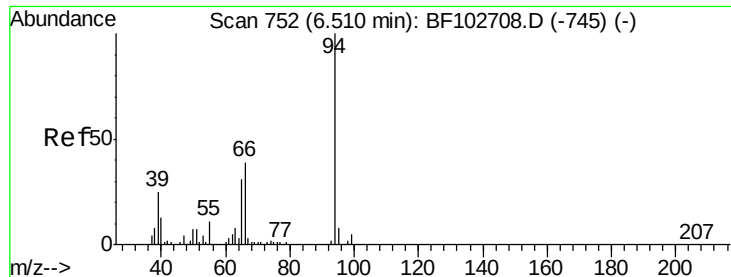
105 87.8 81.1 121.1

106 77.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.13 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103033.D

Acq: 15 Feb 2018 22:21

Instrument :

BNA_F

ClientSampled :

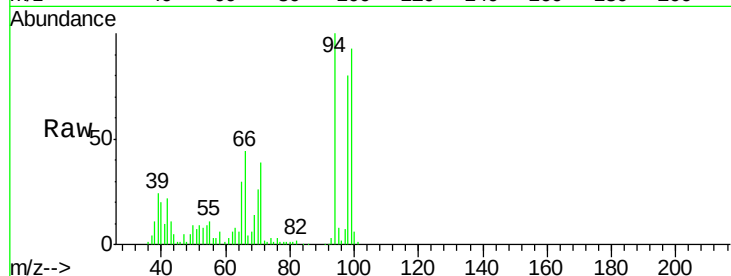
Tot Ion: 94 Resp: 73934

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

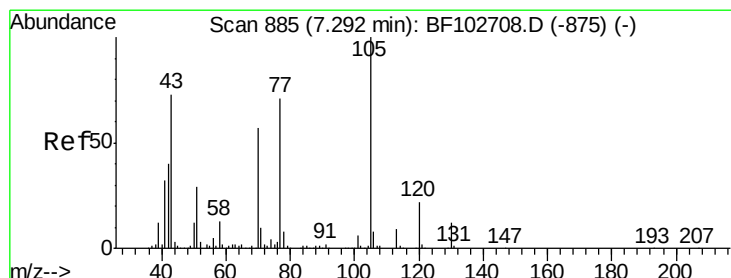
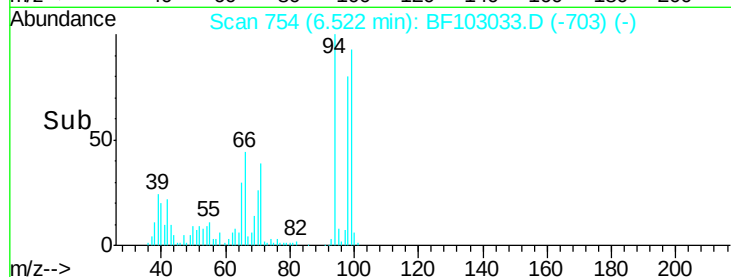
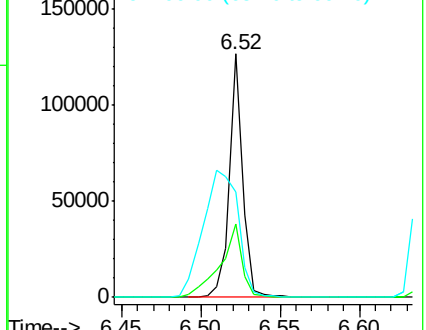
66 43.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.77 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103033.D

Acq: 15 Feb 2018 22:21

Tgt Ion: 70 Resp: 122142

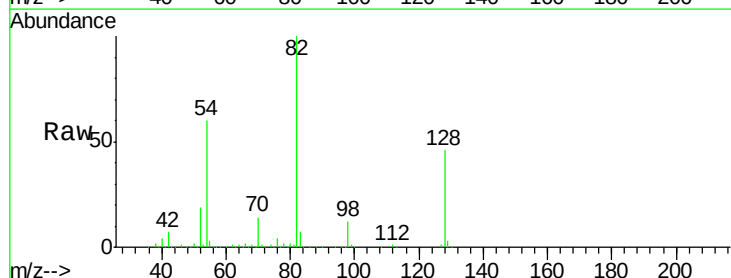
Ion Ratio Lower Upper

70 100

42 49.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

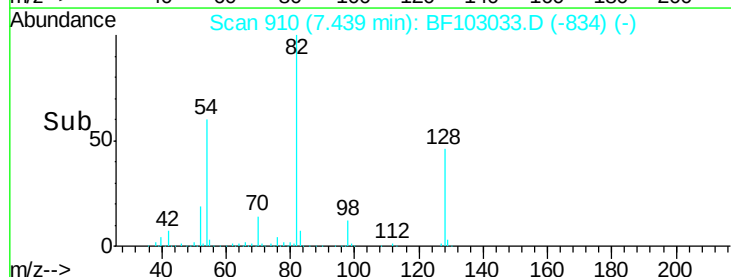
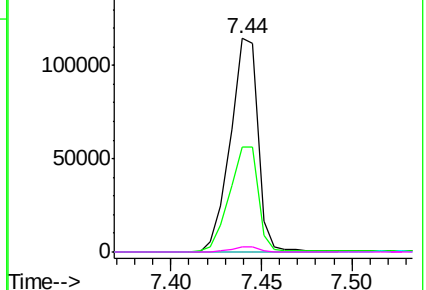


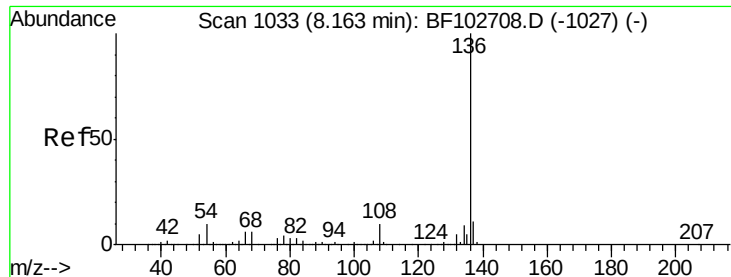
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

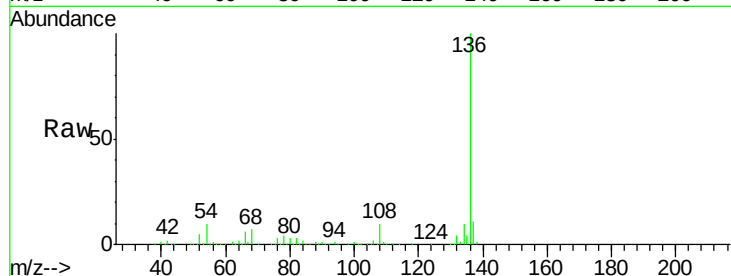




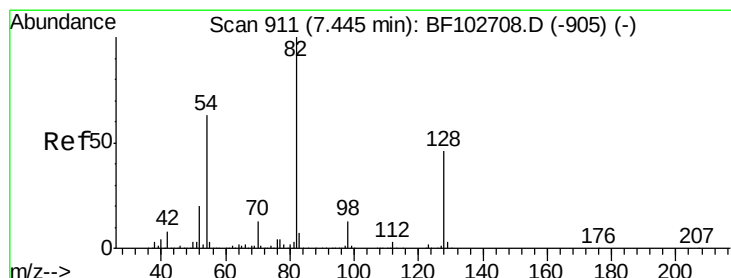
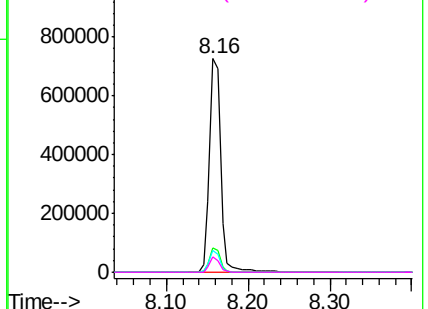
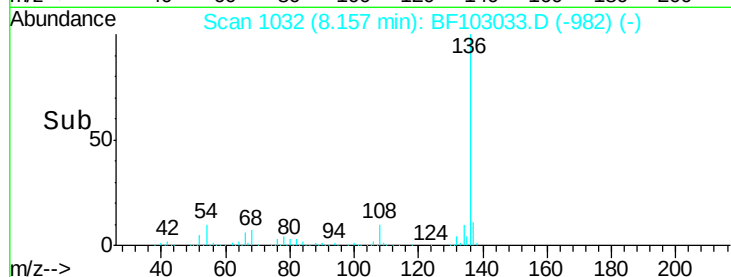
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 697066
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 10.2	6.6 9.8#
68 7.0	5.0 7.4

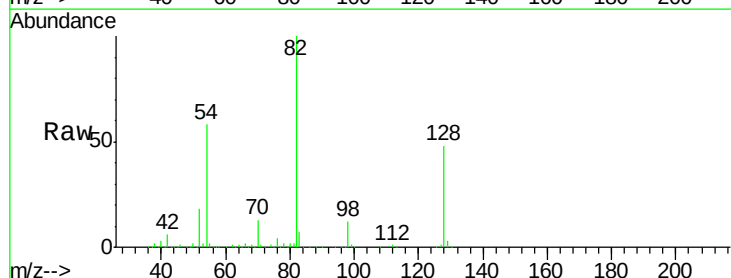


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

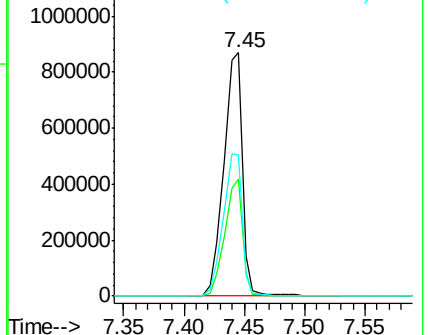
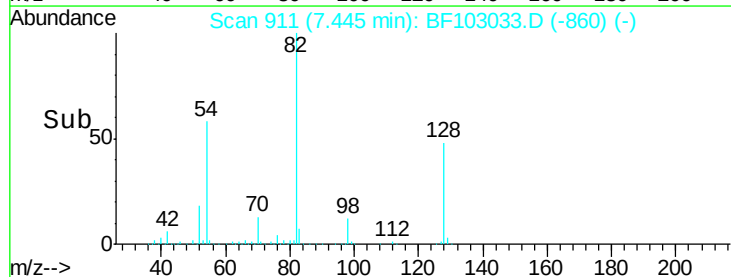


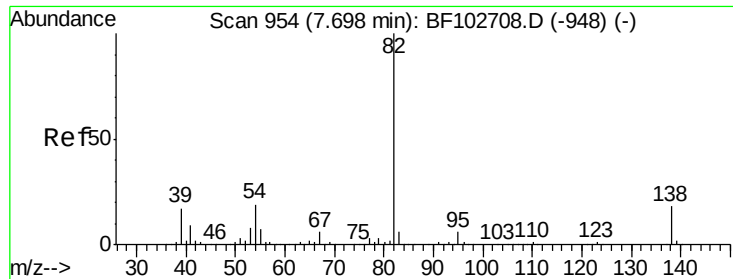
#23
Nitrobenzene-d5
Concen: 92.67 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Tgt Ion: 82	Resp: 931211
Ion Ratio	Lower Upper
82 100	
128 48.1	36.1 54.1
54 57.9	41.4 62.2



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





#25

Isophorone

Concen: 40.25 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.25 min

Lab File: BF103033.D

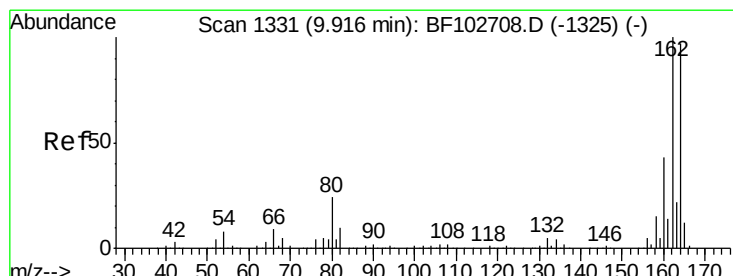
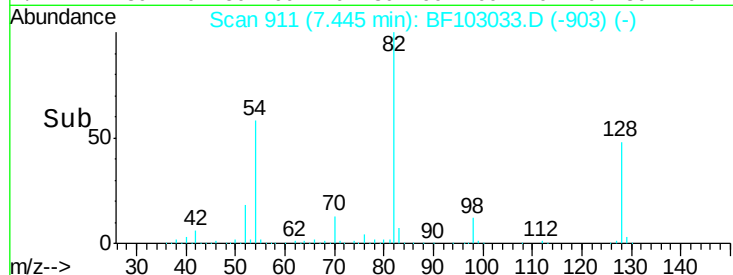
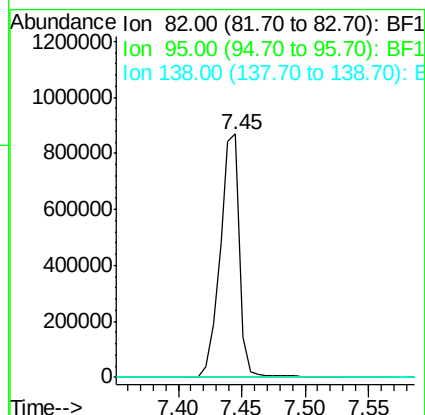
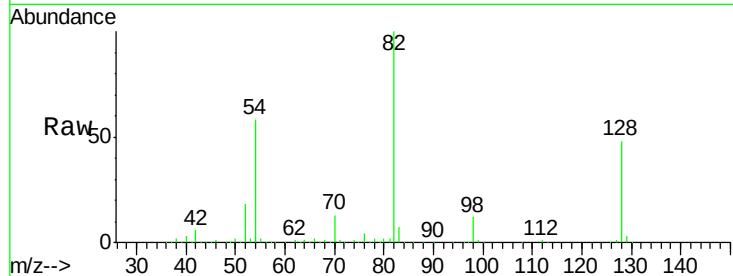
Acq: 15 Feb 2018 22:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:	82	Resp:	931205
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

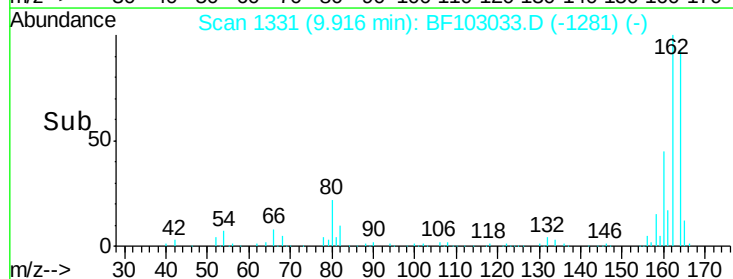
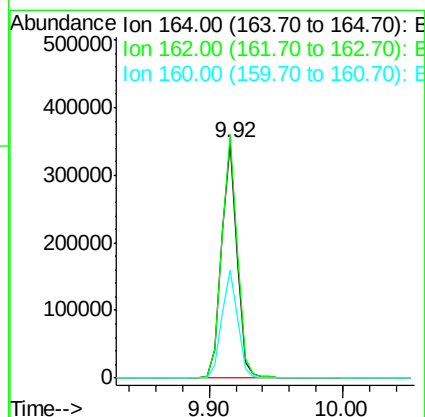
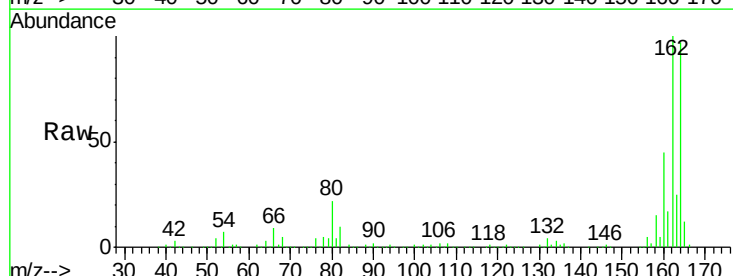
RT: 9.92 min Scan# 1331

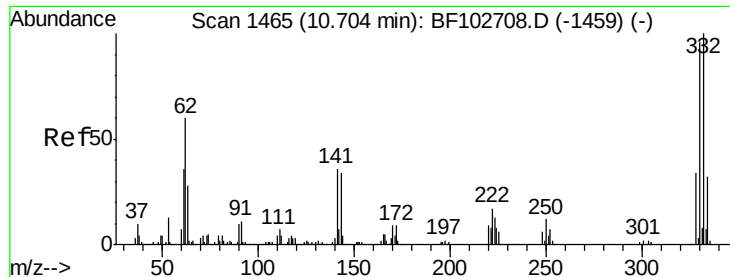
Delta R.T. -0.01 min

Lab File: BF103033.D

Acq: 15 Feb 2018 22:21

Tgt Ion:	164	Resp:	288472
Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.1	38.3	57.5

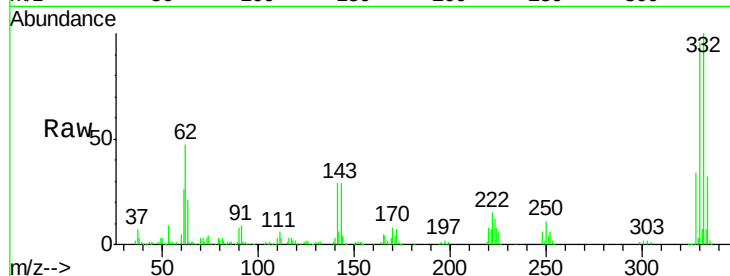




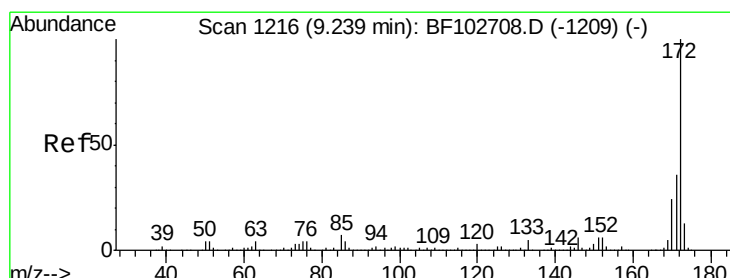
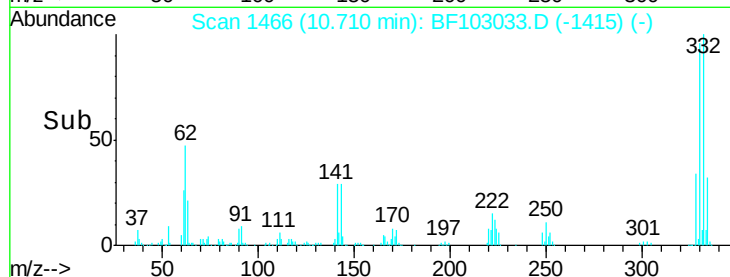
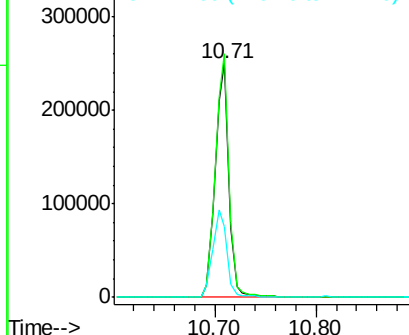
#41
 2,4,6-Tribromophenol
 Concen: 101.88 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103033.D
 Acq: 15 Feb 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 236552
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.0 115.6
 141 38.5 29.9 44.9

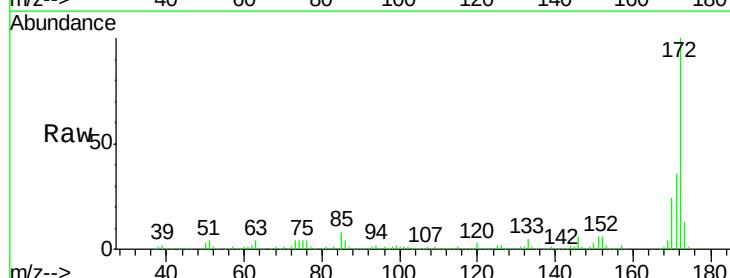


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

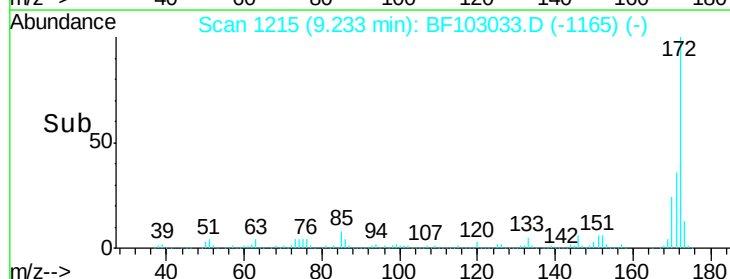
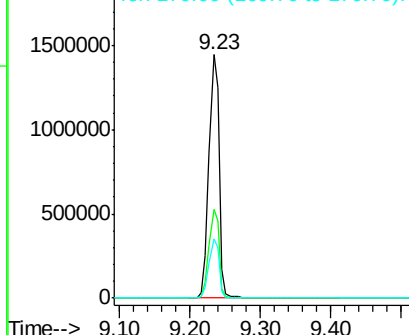


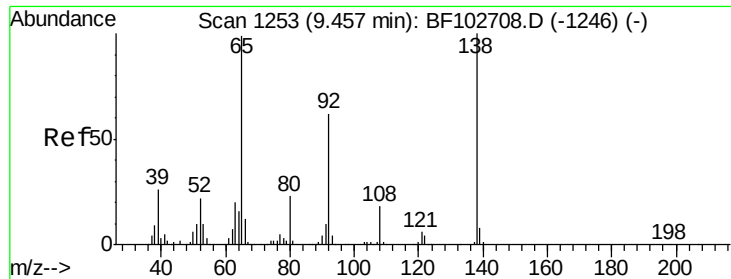
#44
 2-Fluorobiphenyl
 Concen: 83.23 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103033.D
 Acq: 15 Feb 2018 22:21

Tgt Ion:172 Resp: 1446963
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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

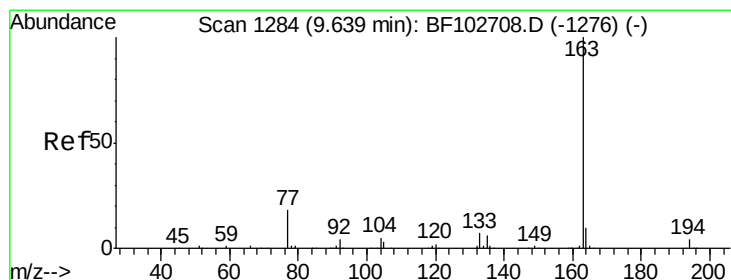
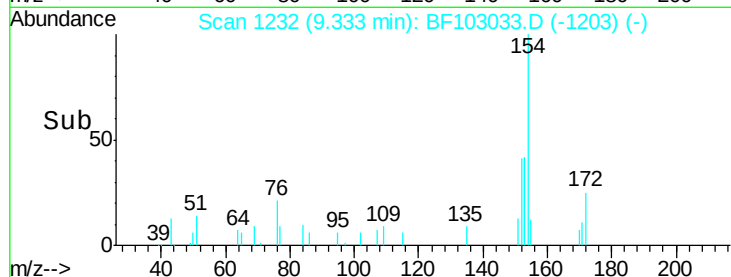
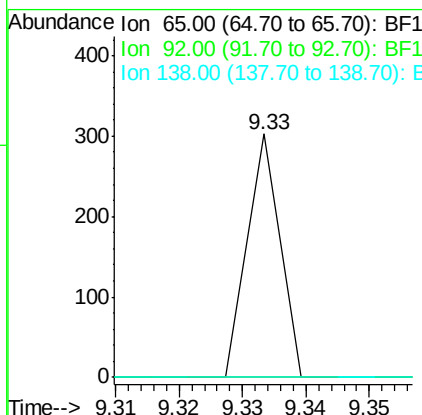
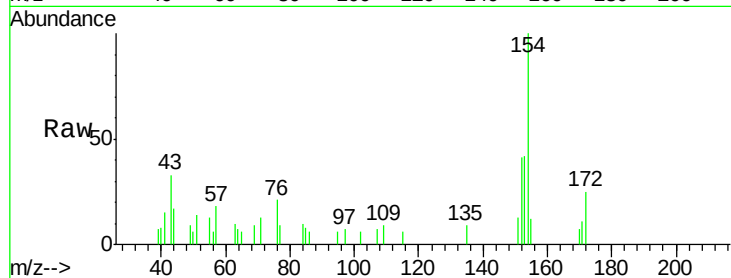




#47
2-Nitroaniline
Concen: 3.49 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.13 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

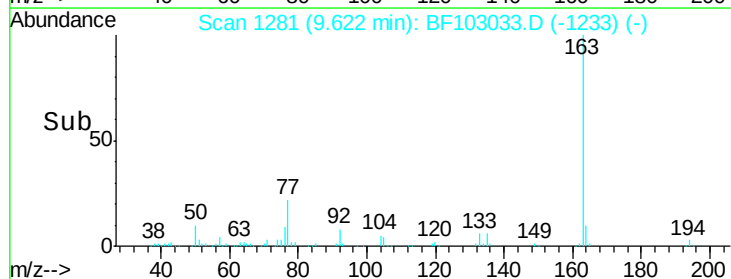
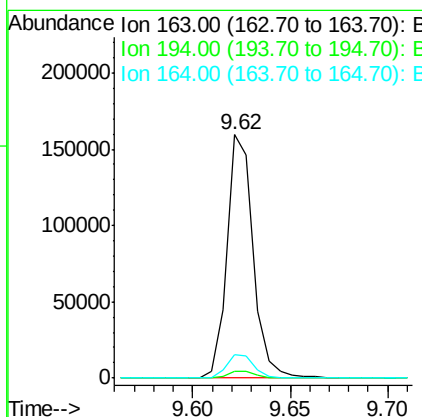
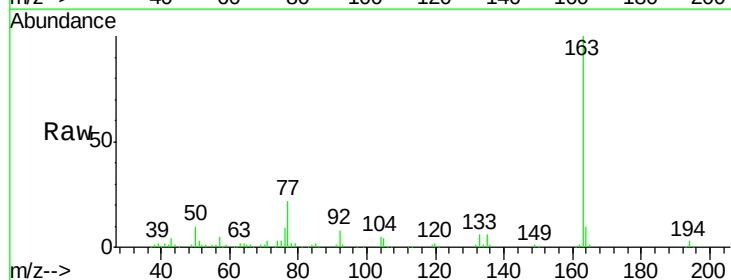
Instrument :
BNA_F
ClientSampleId :

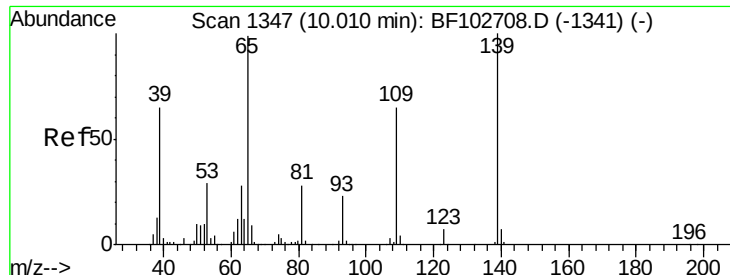
Tot Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 6.60 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Tgt Ion: 163 Resp: 148381
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.9 8.2 12.2

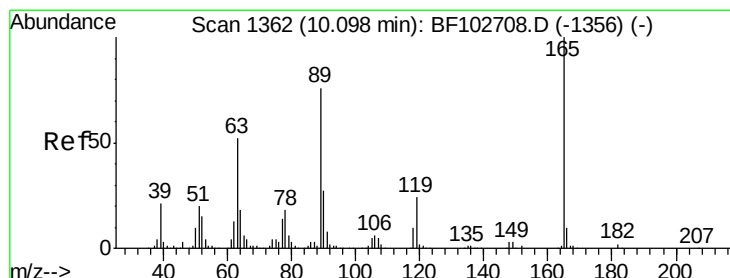
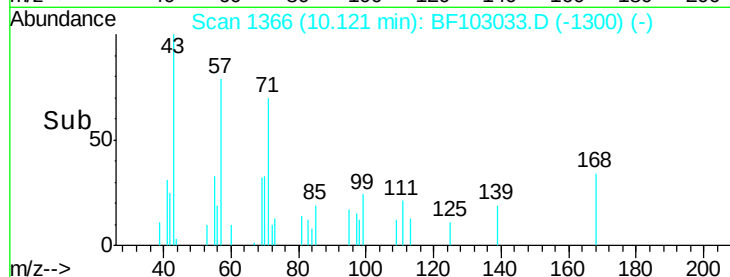
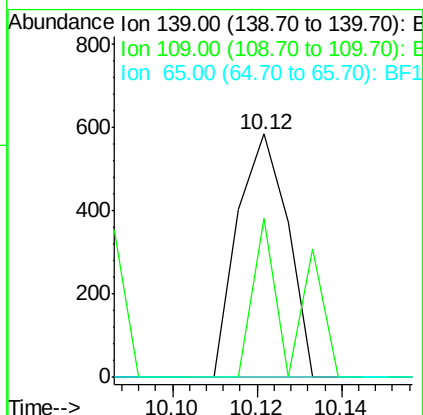
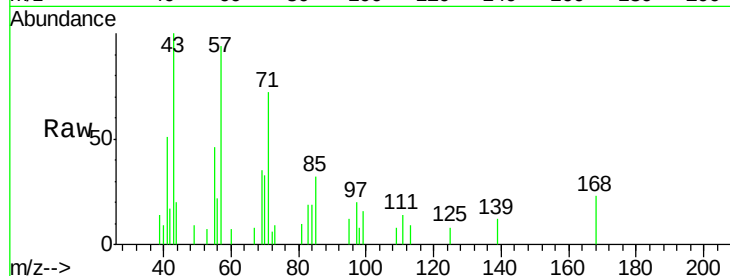




#55
4-Nitrophenol
Concen: 4.13 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

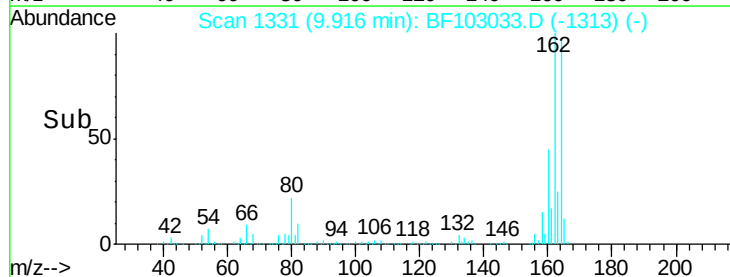
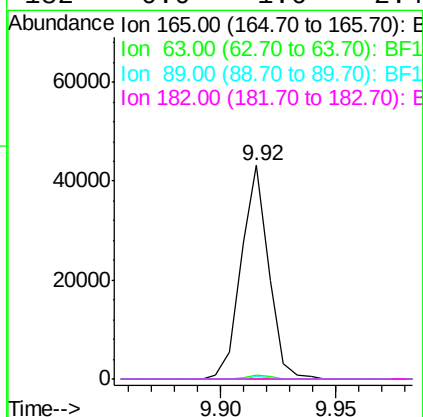
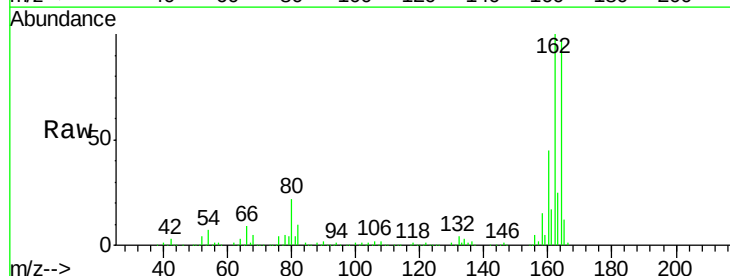
Instrument :
BNA_F
ClientSampled :

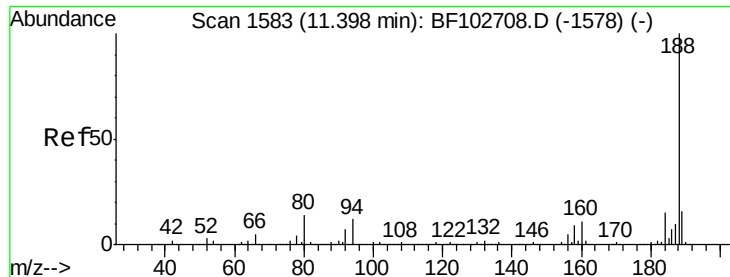
Tot Ion:139 Resp: 479
Ion Ratio Lower Upper
139 100
109 65.6 48.4 88.4
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 8.90 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Tgt Ion:165 Resp: 35732
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

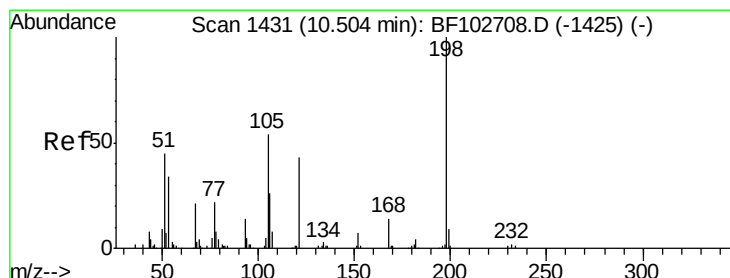
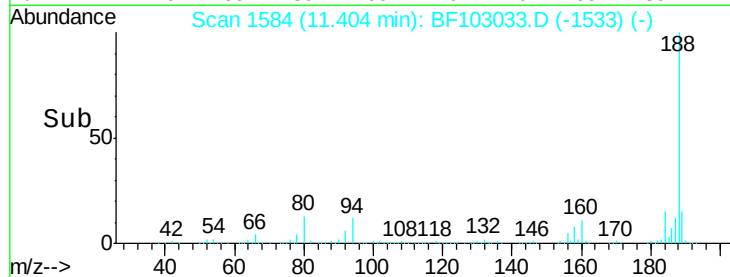
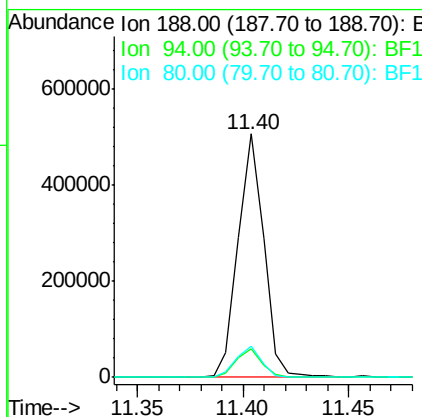
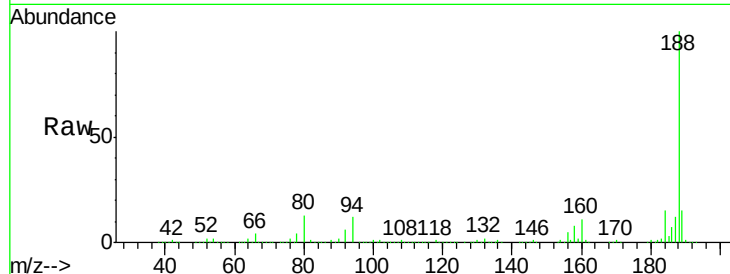




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

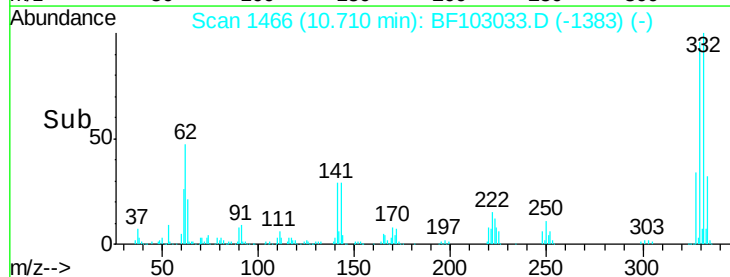
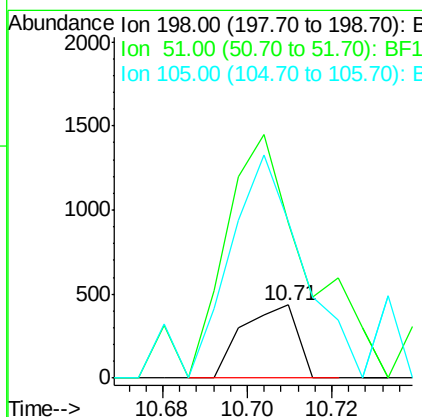
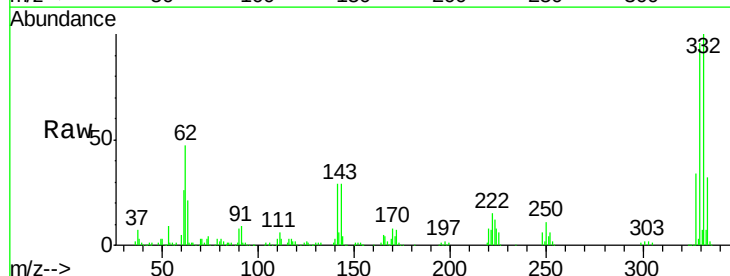
Instrument :
BNA_F
ClientSampleId :

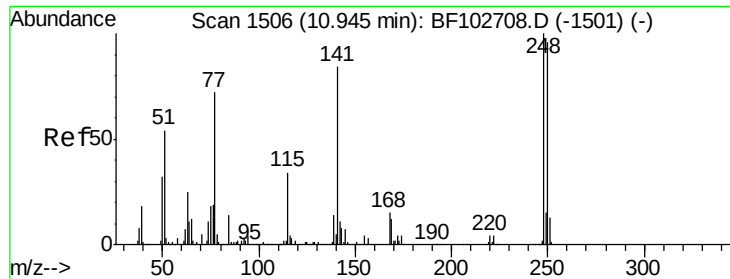
Tot Ion:188 Resp: 427837
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.00 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Tgt Ion:198 Resp: 391
Ion Ratio Lower Upper
198 100
51 213.6 37.7 77.7#
105 215.9 36.3 76.3#

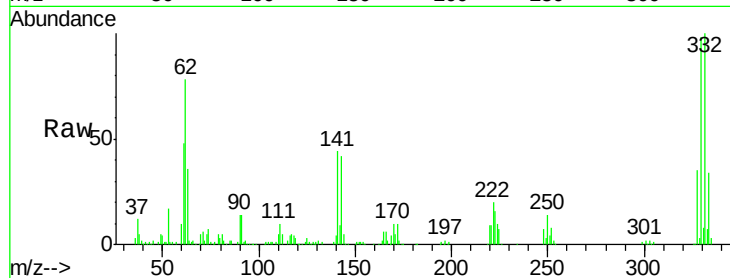




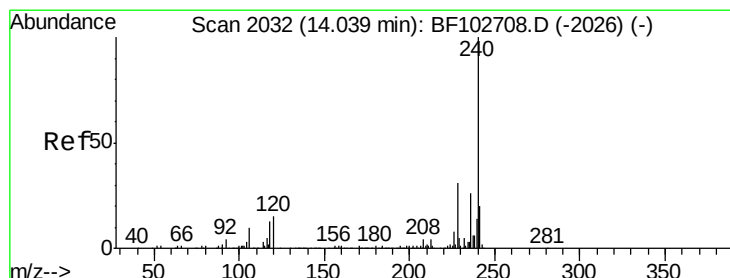
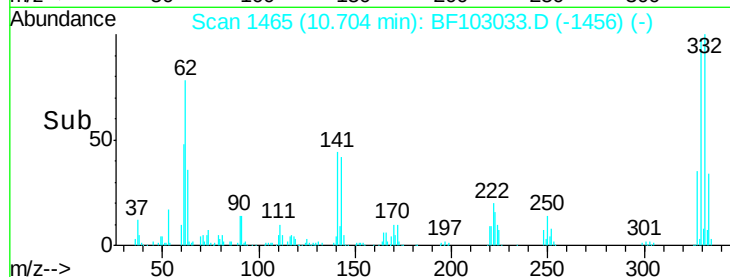
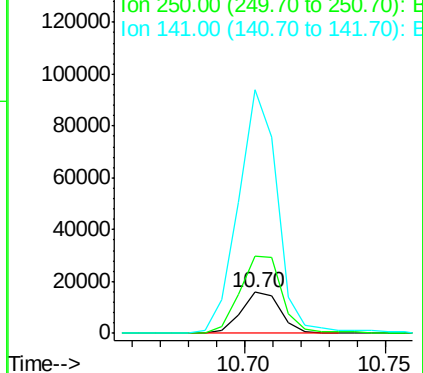
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15389
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 590.6 74.4 111.6#

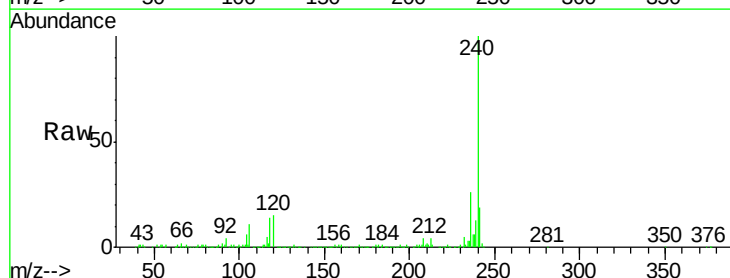


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

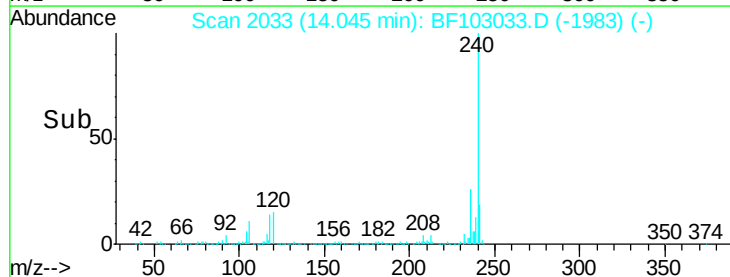
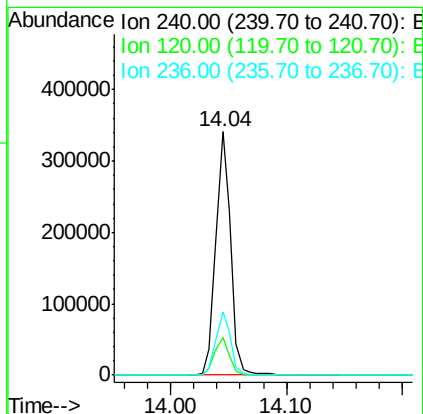


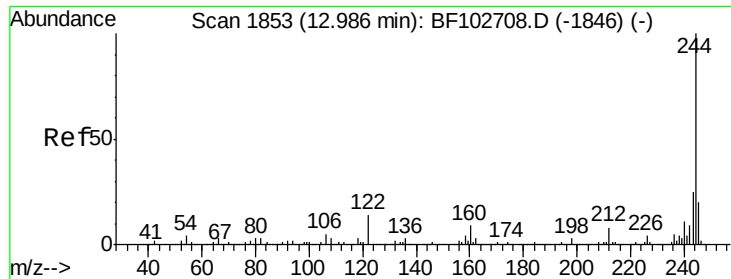
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103033.D
Acq: 15 Feb 2018 22:21

Tgt Ion:240 Resp: 302032
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 26.0 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

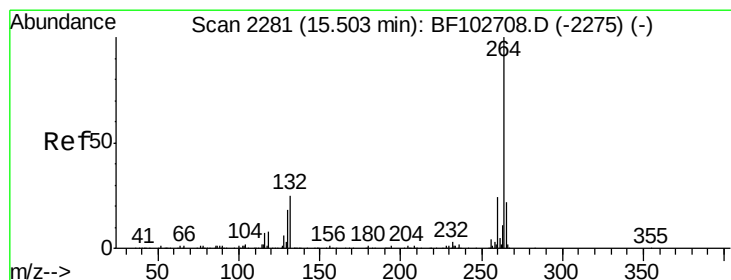
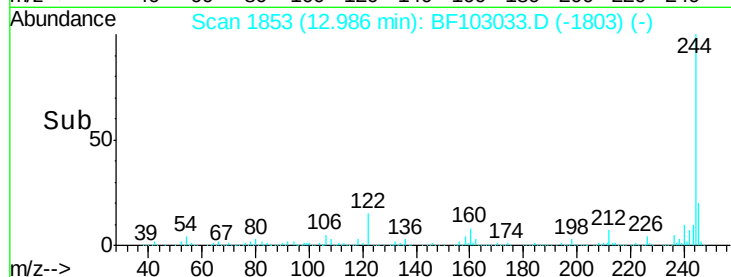
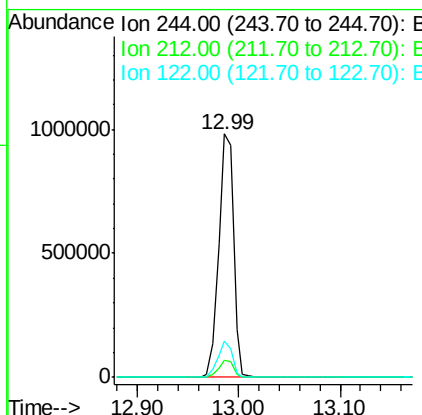
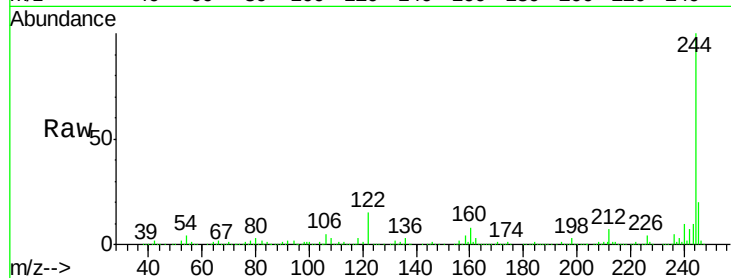




#78
 Terphenyl-d14
 Concen: 78.24 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103033.D
 Acq: 15 Feb 2018 22:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 998011
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 15.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF103033.D
 Acq: 15 Feb 2018 22:21

Tgt Ion:264 Resp: 248333
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.9 17.5 26.3

