

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102400.D
 Acq On : 24 Jan 2018 20:06
 Operator : SJ/JU
 Sample : J1249-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-9(0-2)

Quant Time: Jan 25 01:00:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

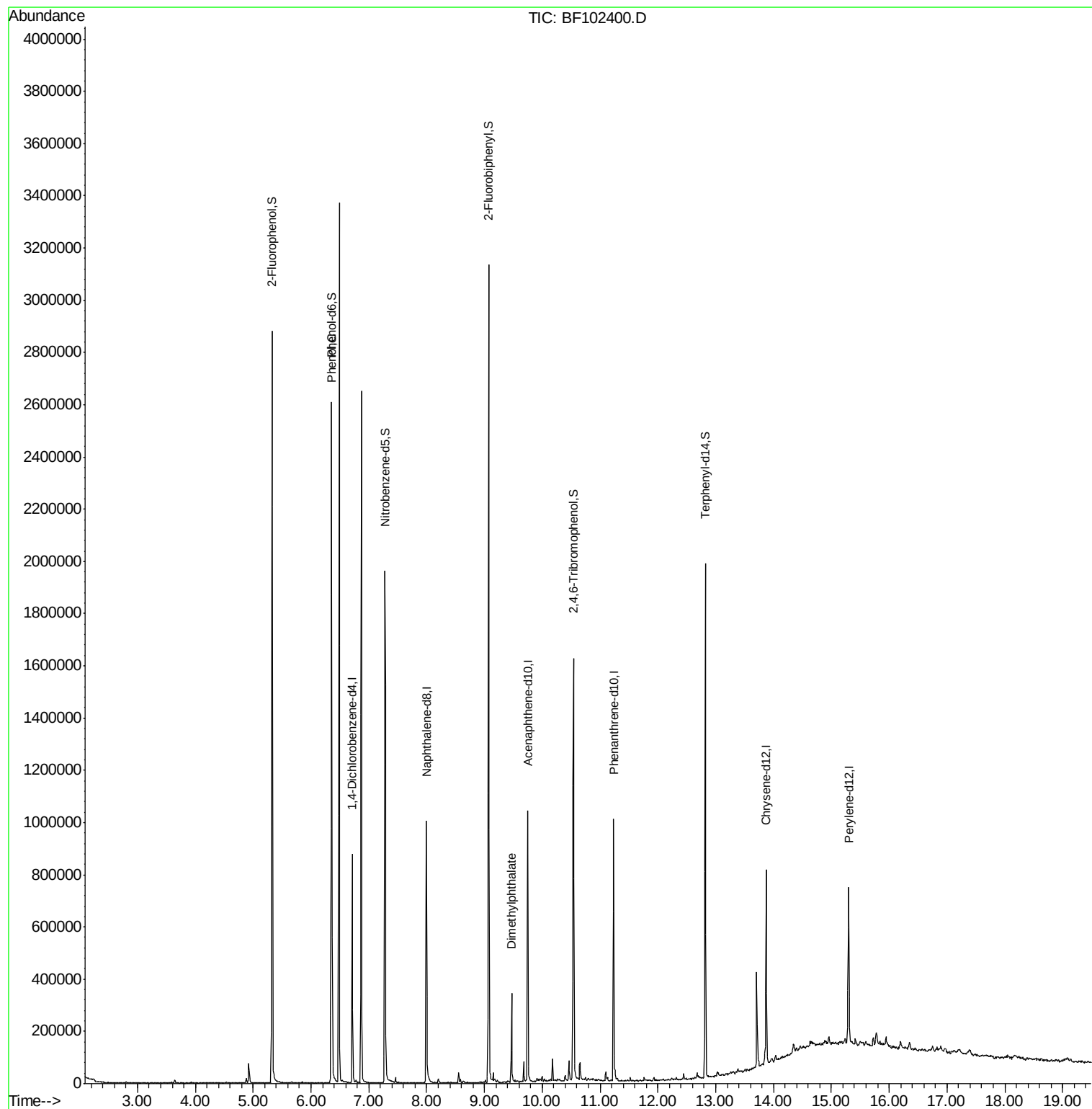
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131874	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	530786	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	223493	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	348836	20.00	ng	0.00
75) Chrysene-d12	13.87	240	263078	20.00	ng	0.00
86) Perylene-d12	15.30	264	252674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	927638	106.66	ng	0.00
7) Phenol-d6	6.36	99	1103642	105.26	ng	0.00
23) Nitrobenzene-d5	7.28	82	692756	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	178611	80.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1026022	67.50	ng	0.00
78) Terphenyl-d14	12.82	244	672362	57.62	ng	0.00
Target Compounds						
10) Phenol	6.37	94	59044	5.158	ng	96
49) Dimethylphthalate	9.47	163	143880	7.789	ng	98

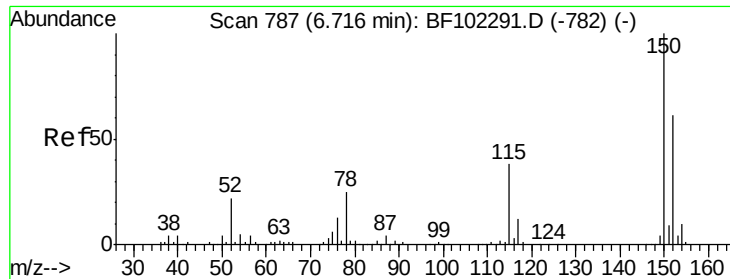
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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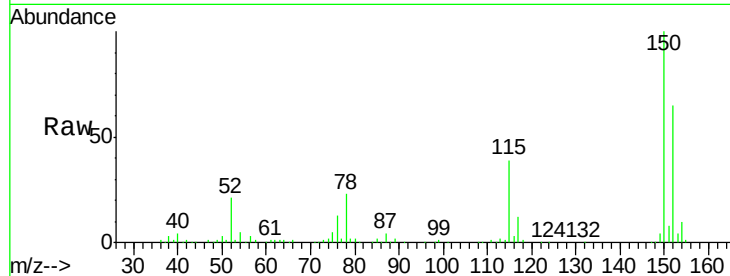


#1

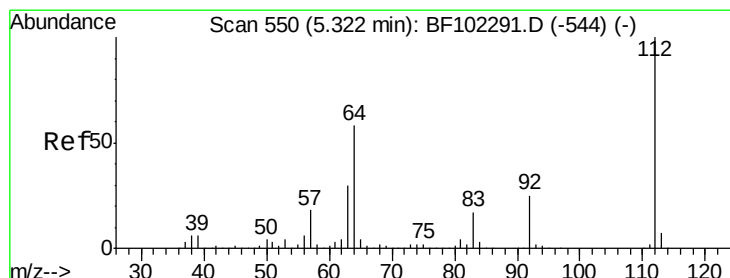
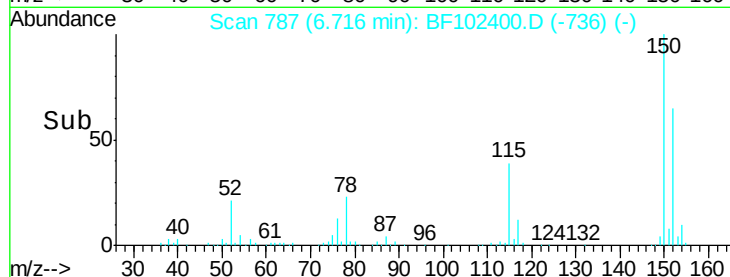
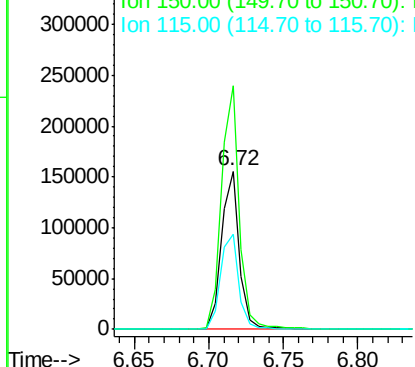
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 AB-9(0-2)

Tgt Ion:152 Resp: 131874
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 59.9 50.1 75.1



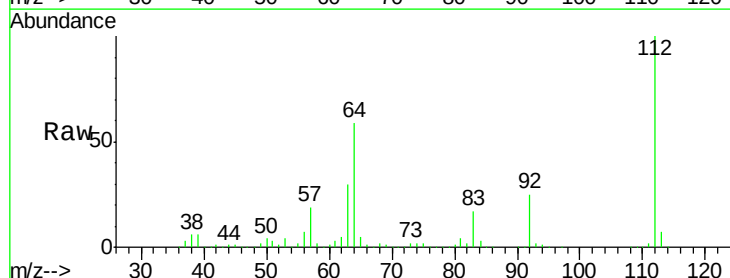
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



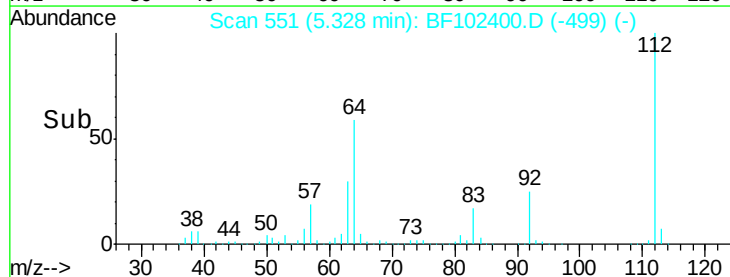
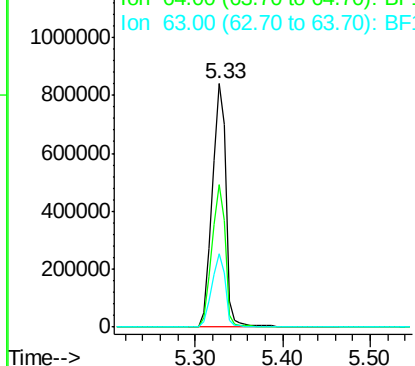
#5

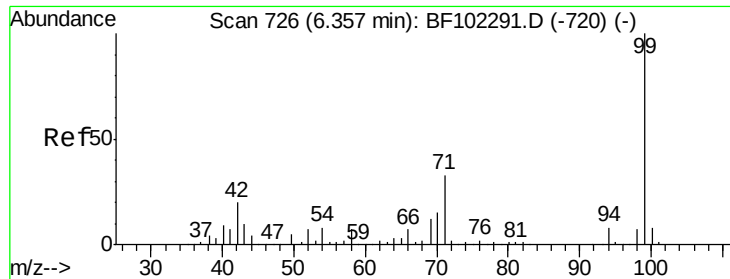
2-Fluorophenol
 Concen: 106.658 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Tgt Ion:112 Resp: 927638
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 30.1 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: 105.255 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampleId :

AB-9(0-2)

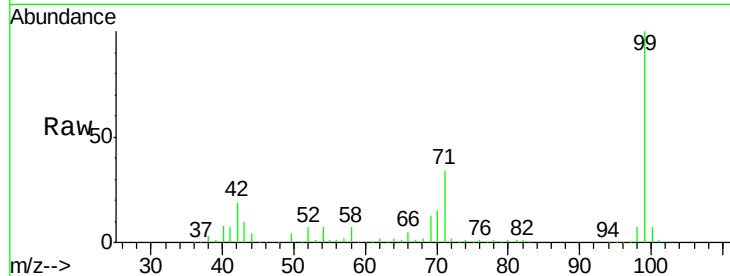
Tgt Ion: 99 Resp: 1103642

Ion Ratio Lower Upper

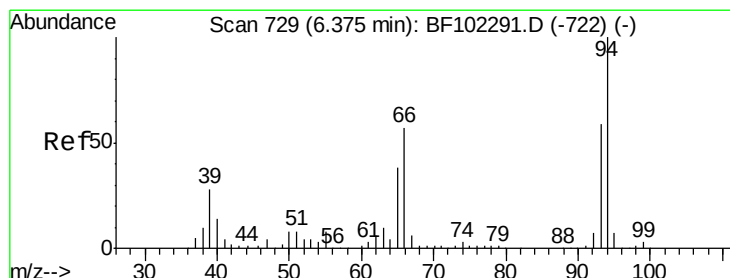
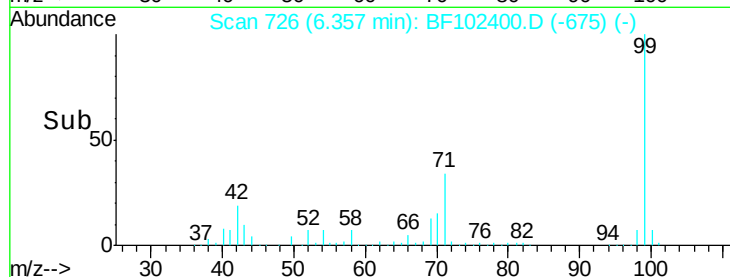
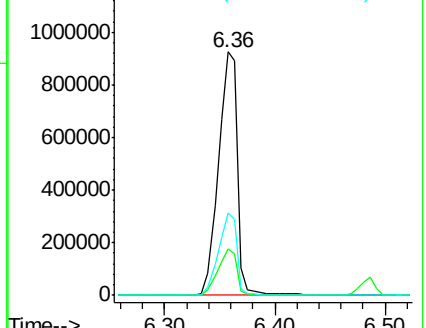
99 100

42 19.3 14.5 21.7

71 33.8 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



#10

Phenol

Concen: 5.158 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

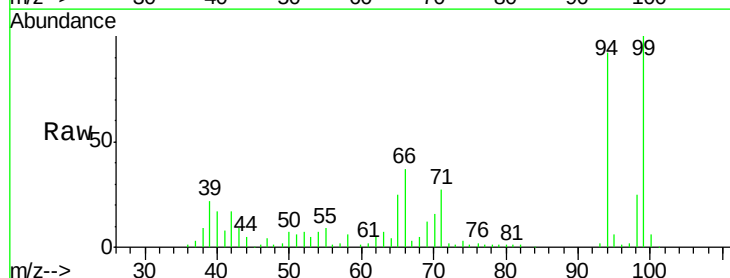
Tgt Ion: 94 Resp: 59044

Ion Ratio Lower Upper

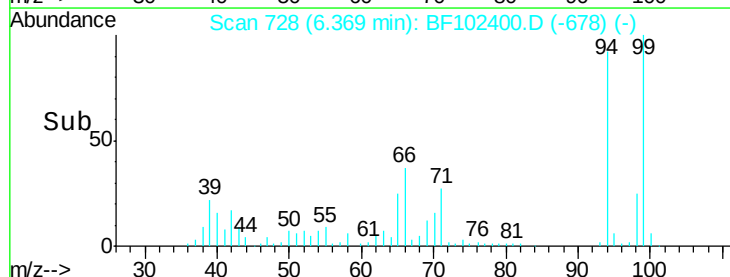
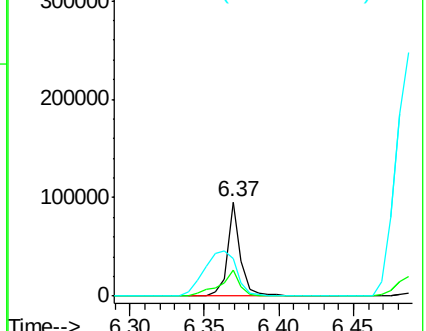
94 100

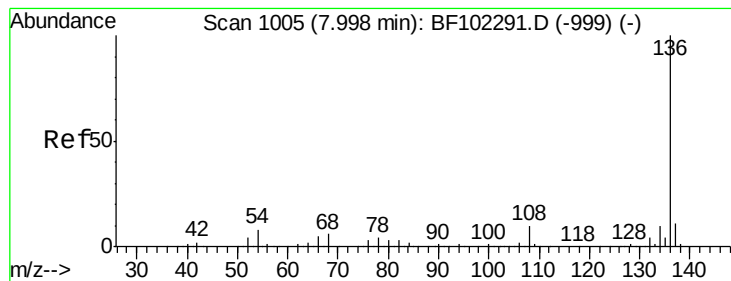
65 27.5 7.9 47.9

66 40.2 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampleId :

AB-9(0-2)

Tgt Ion:136 Resp: 530786

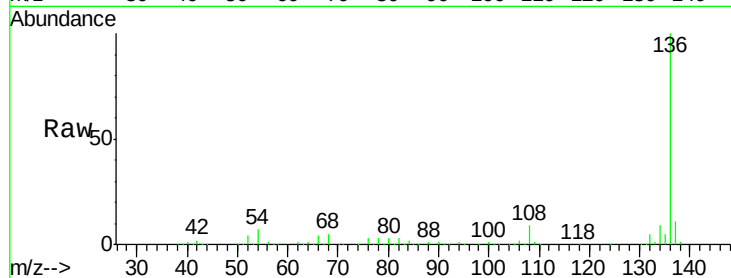
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 5.0 5.0 7.4

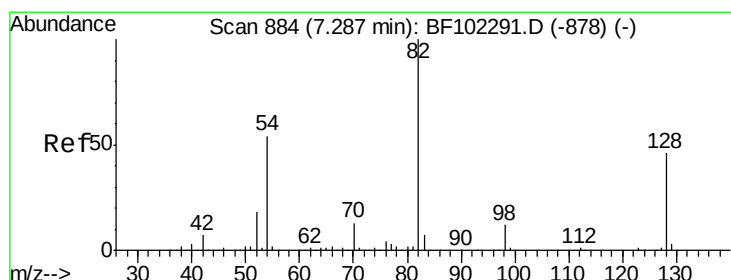
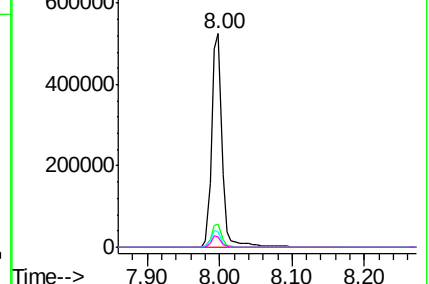
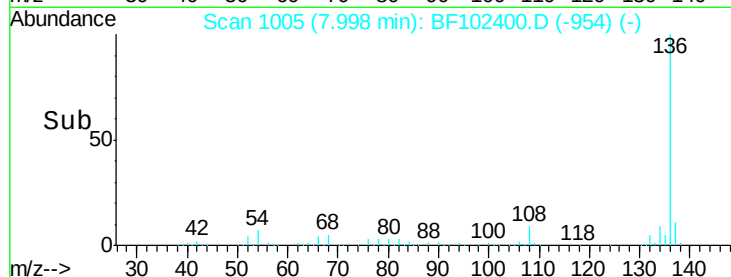


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.003 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

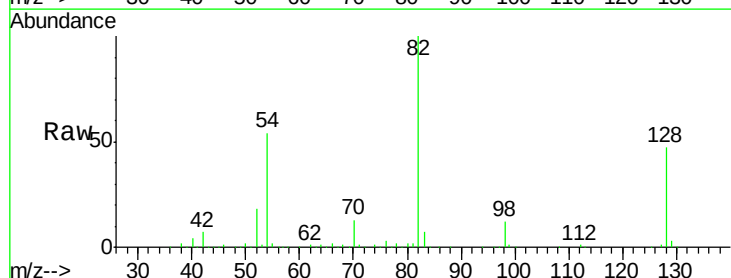
Tgt Ion: 82 Resp: 692756

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

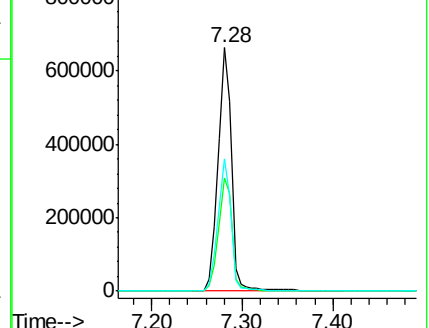
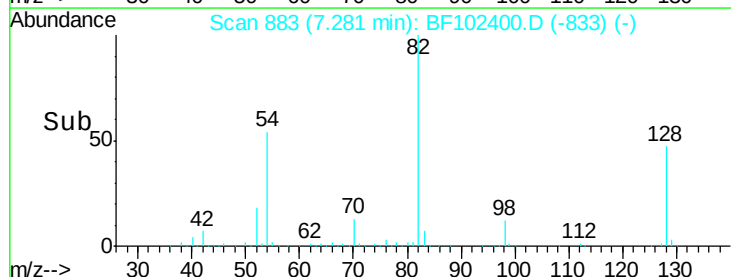
54 54.5 41.4 62.2

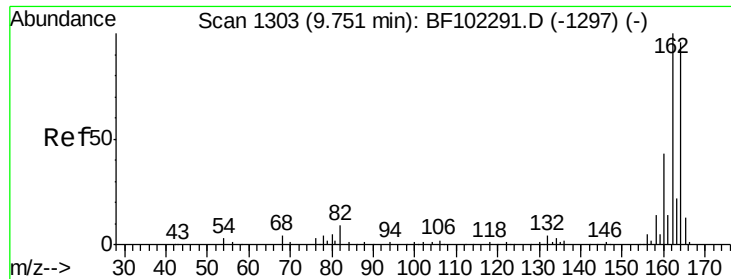


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

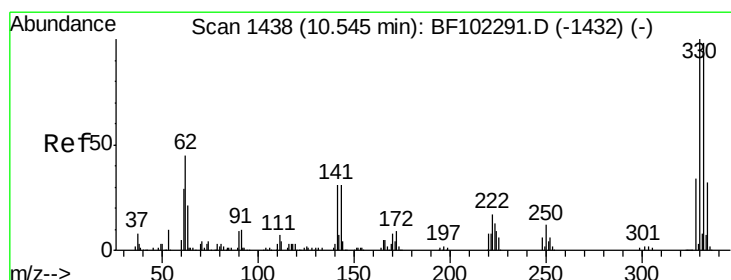
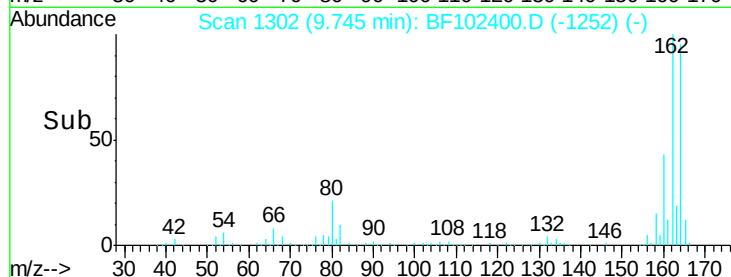
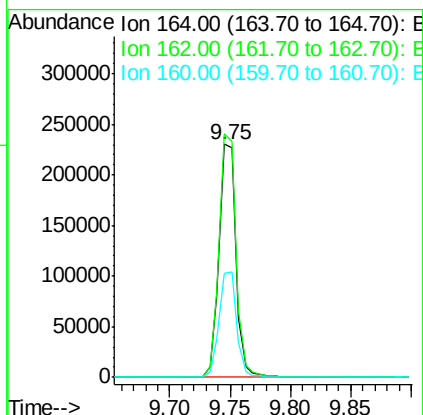
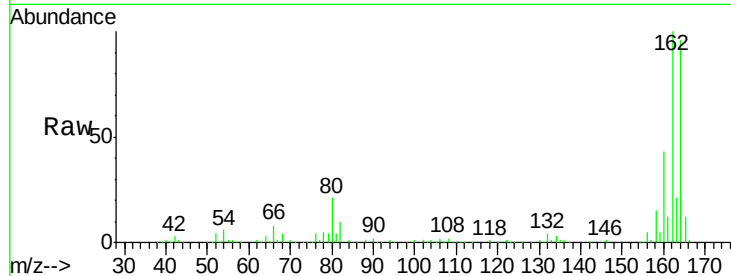




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

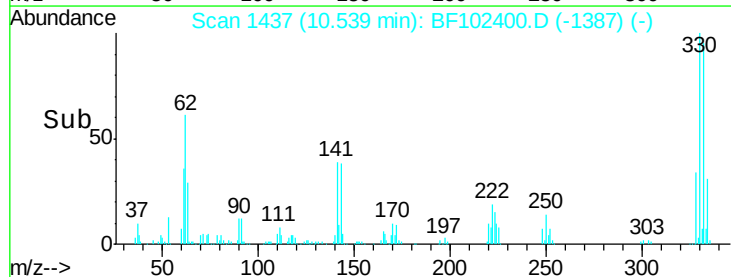
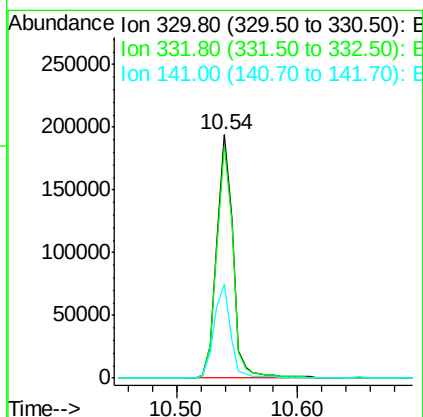
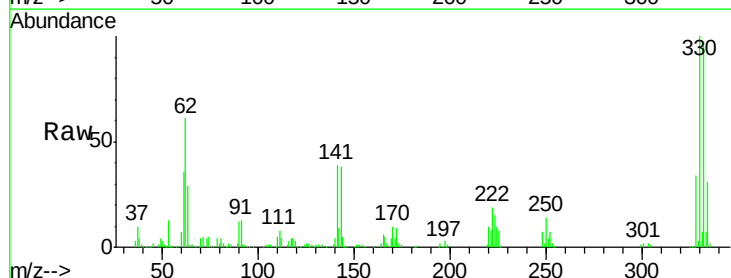
Instrument :
 BNA_F
 ClientSampleId :
 AB-9(0-2)

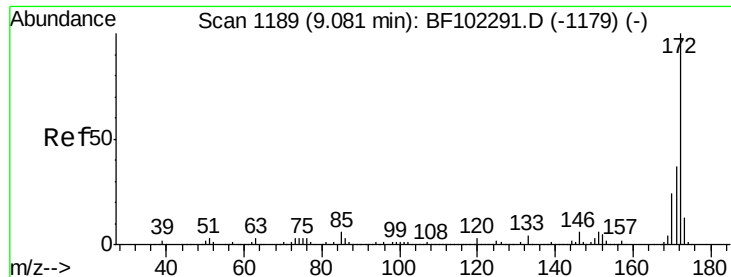
Tgt Ion:164 Resp: 223493
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 80.655 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Tgt Ion:330 Resp: 178611
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 40.2 29.9 44.9

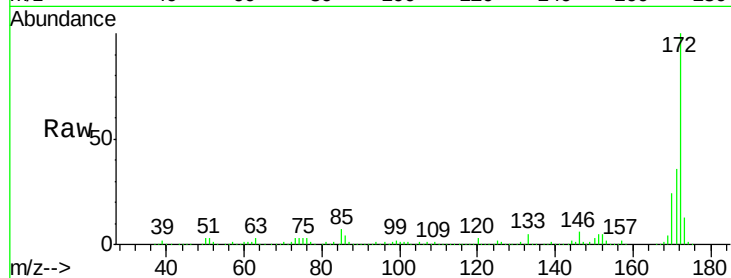




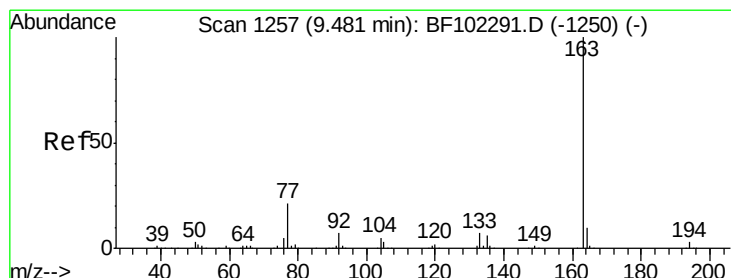
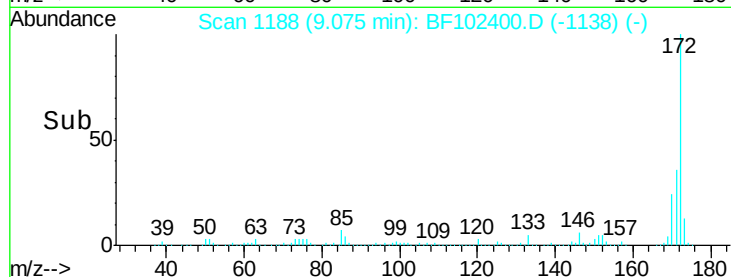
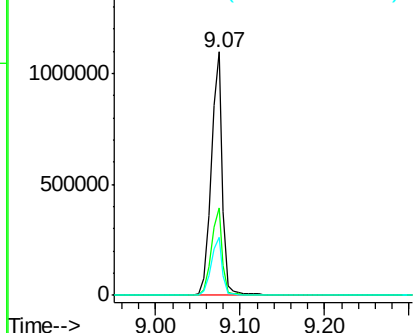
#44
2-Fluorobiphenyl
Concen: 67.502 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

Instrument :
BNA_F
ClientSampleId :
AB-9(0-2)

Tgt Ion:172 Resp: 1026022
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.9 19.6 29.4

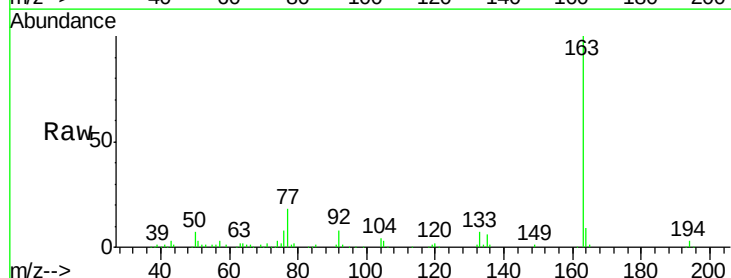


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

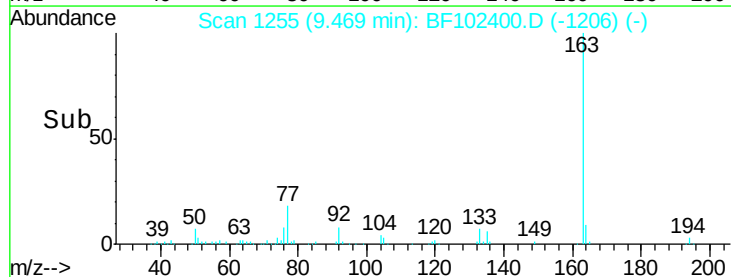
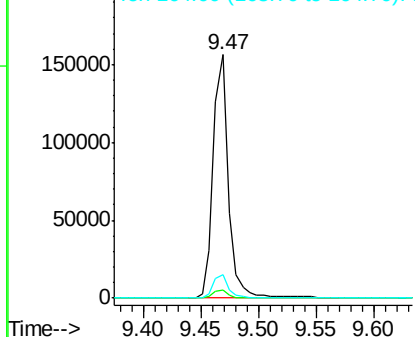


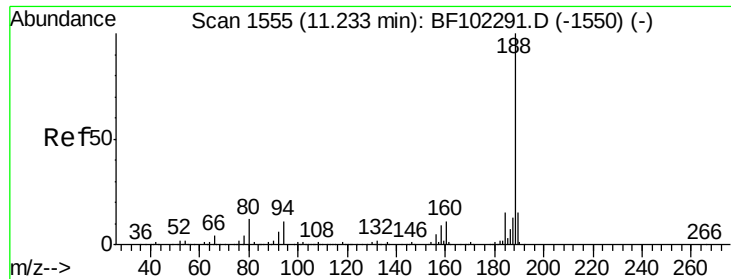
#49
Dimethylphthalate
Concen: 7.789 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

Tgt Ion:163 Resp: 143880
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampleId :

AB-9(0-2)

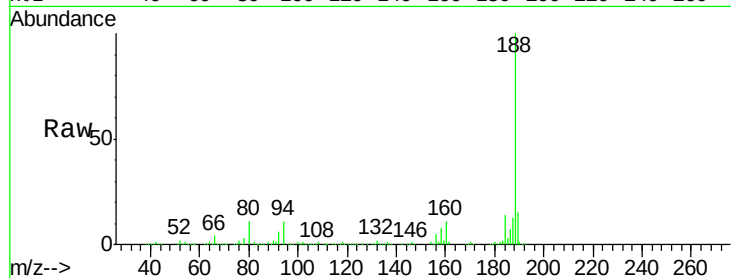
Tgt Ion:188 Resp: 348836

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

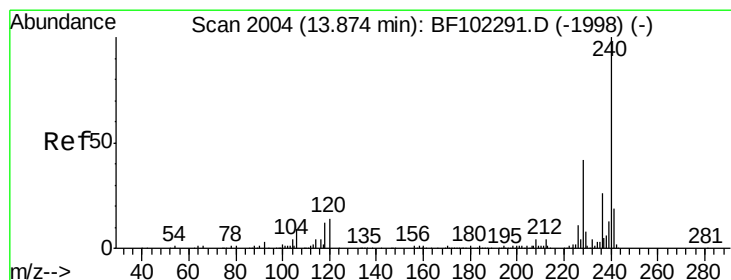
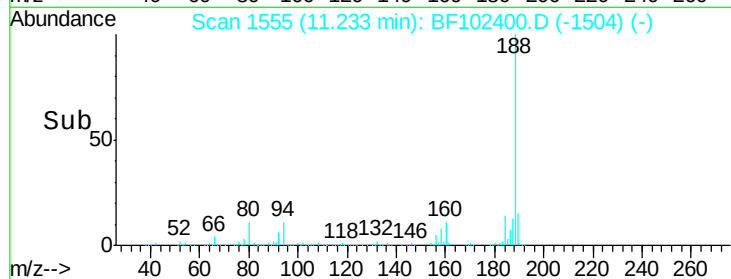
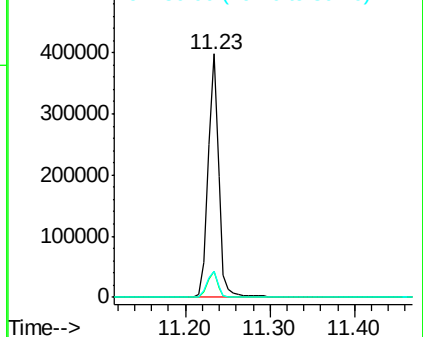
80 10.8 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

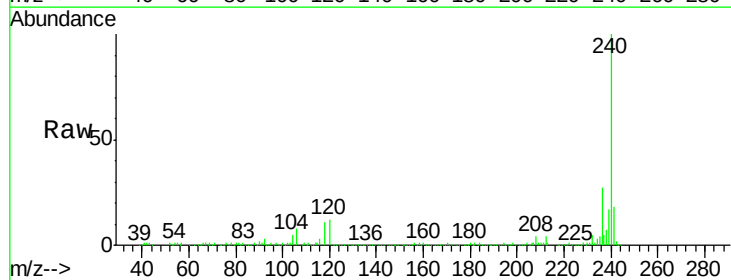
Tgt Ion:240 Resp: 263078

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

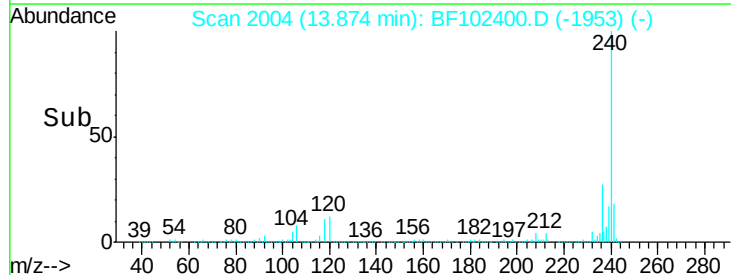
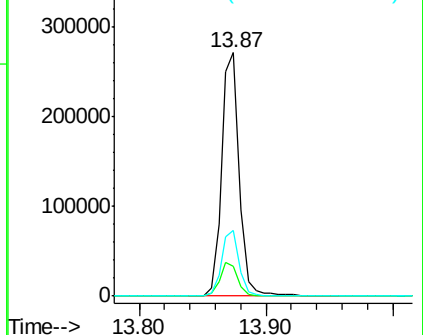
236 26.9 20.7 31.1

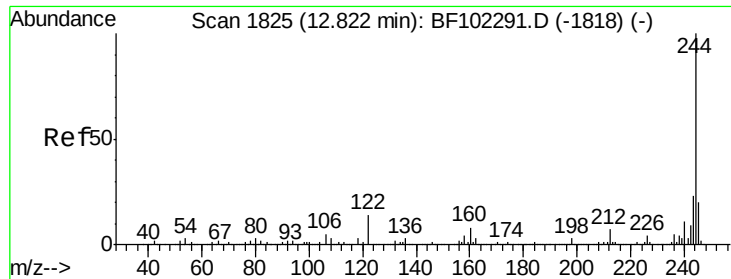


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

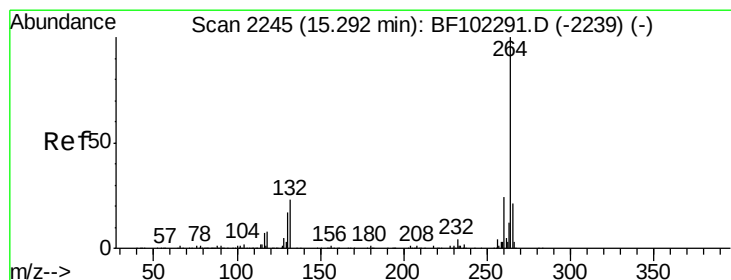
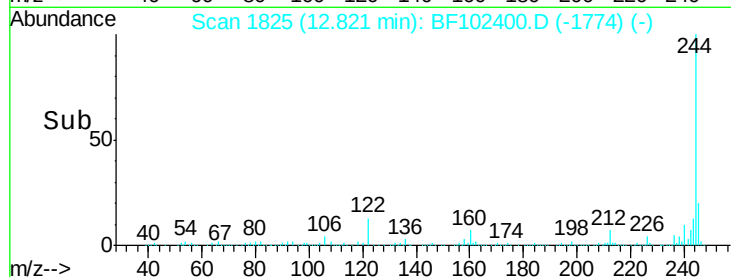
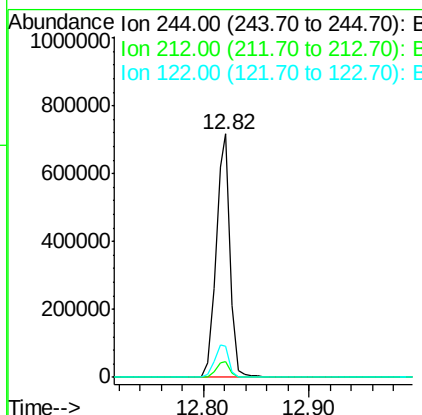
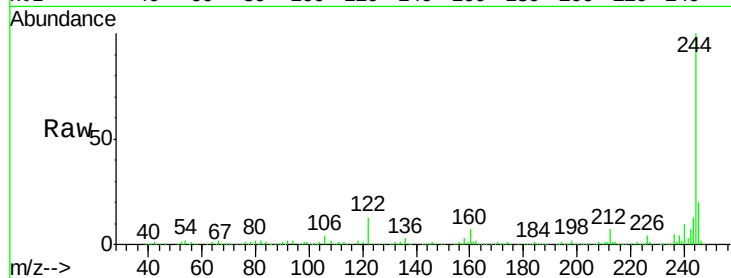




#78
 Terphenyl-d14
 Concen: 57.616 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 AB-9(0-2)

Tgt Ion: 244 Resp: 672362
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Tgt Ion: 264 Resp: 252674
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 17.5 26.3

