

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106953.D
 Acq On : 29 Jun 2018 6:16
 Operator : JU/SJ
 Sample : J3711-01DL 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-26S-GWDL

Quant Time: Jun 29 14:32:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 11:40:02 2018
 Response via : Initial Calibration

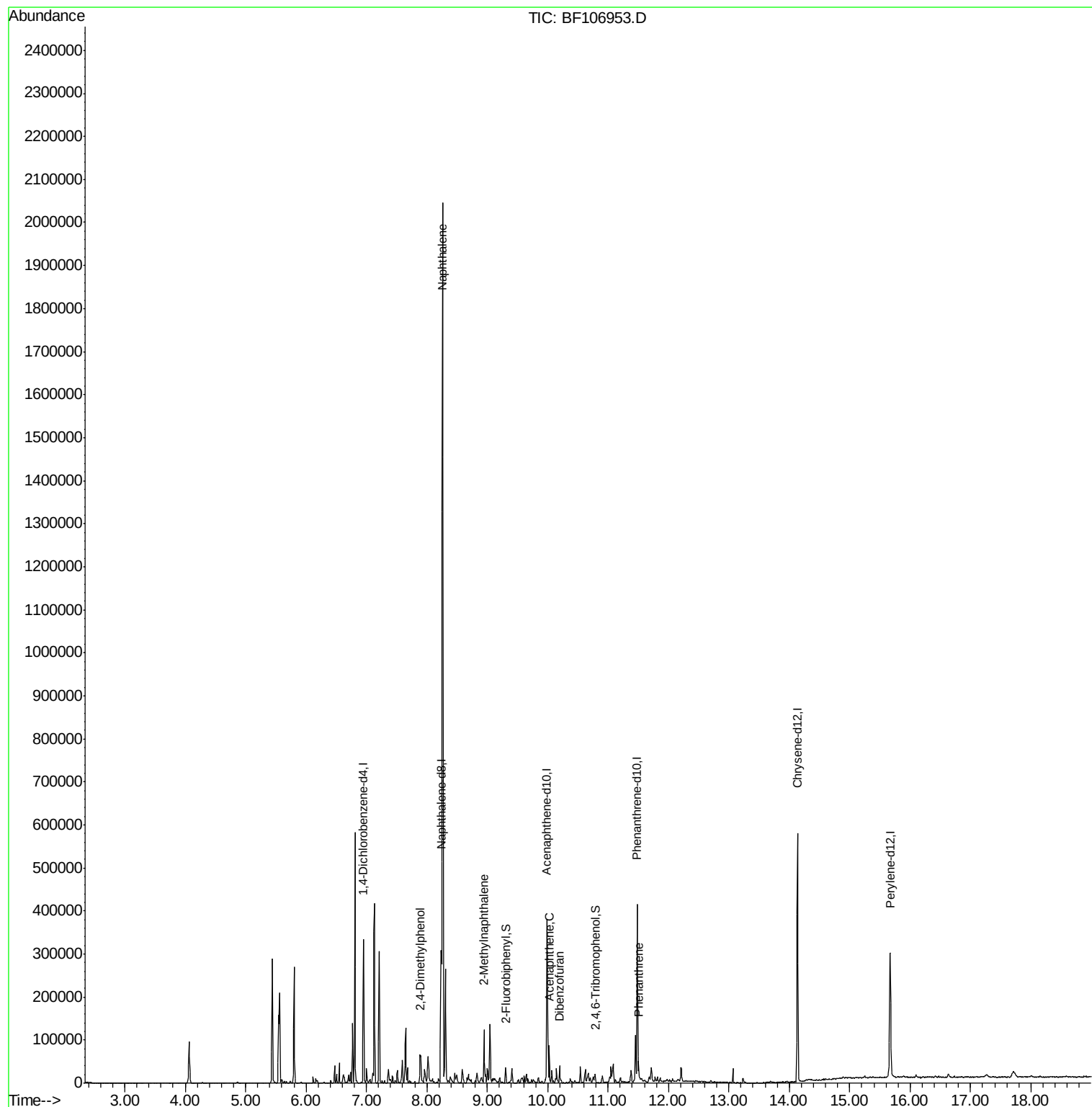
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53968	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	194381	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	81205	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	151939	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	198381	20.00	ng	-0.03
86) Perylene-d12	15.67	264	168566	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	3640	1.14	ng	0.00
7) Phenol-d6	6.60	99	2883	0.72	ng	-0.01
23) Nitrobenzene-d5	7.51	82	6811	1.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	2409	2.56	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	14143	2.66	ng	-0.02
78) Terphenyl-d14	13.07	244	13132	1.60	ng	-0.02
Target Compounds						
27) 2,4-Dimethylphenol	7.89	122	22946	8.806	ng	95
31) Naphthalene	8.26	128	960154	105.652	ng	98
37) 2-Methylnaphthalene	8.95	142	33113	5.497	ng	95
51) Acenaphthene	10.02	154	17003	3.357	ng	97
54) Dibenzofuran	10.20	168	19009	2.741	ng	# 88
70) Phenanthrene	11.51	178	16414	2.240	ng	99

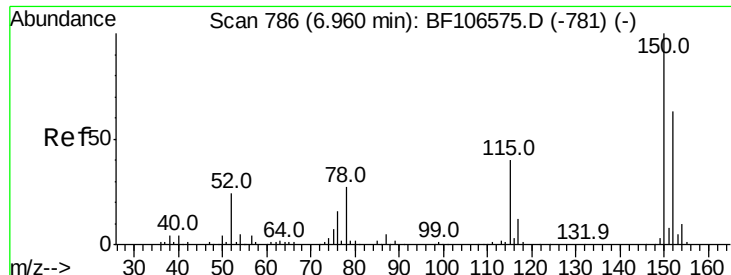
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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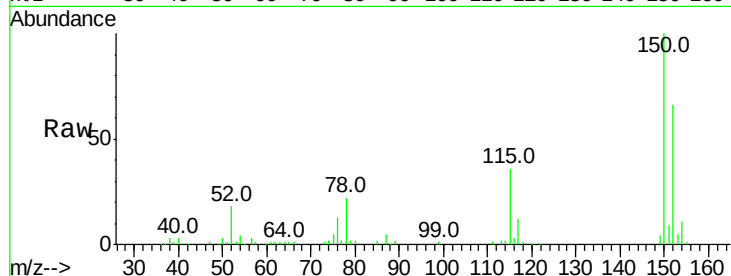


#1

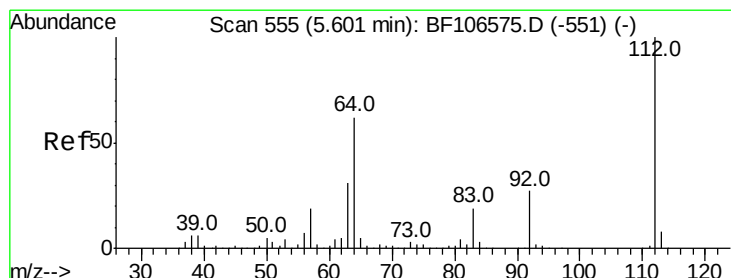
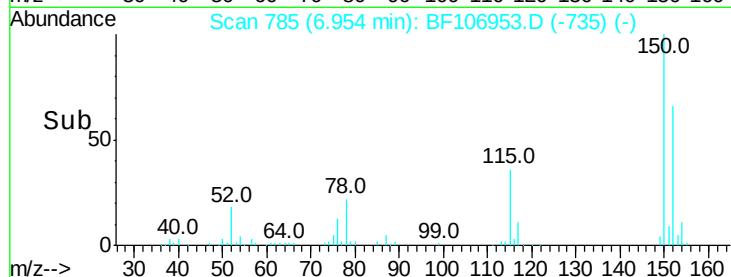
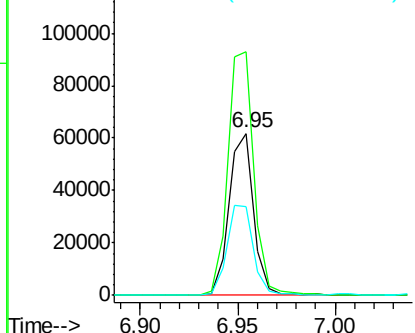
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106953.D
Acq: 29 Jun 2018 6:16

Instrument :
BNA_F
ClientSampleId :
QNWP8-26S-GWDL

Tot Ion:152 Resp: 53968
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 54.7 50.1 75.1



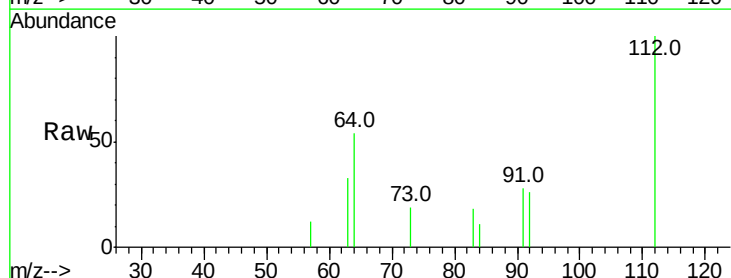
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



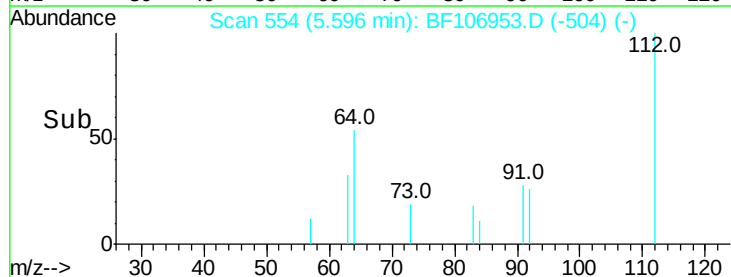
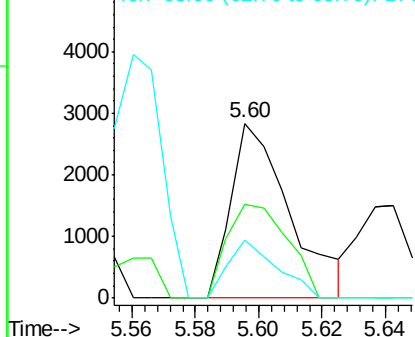
#5

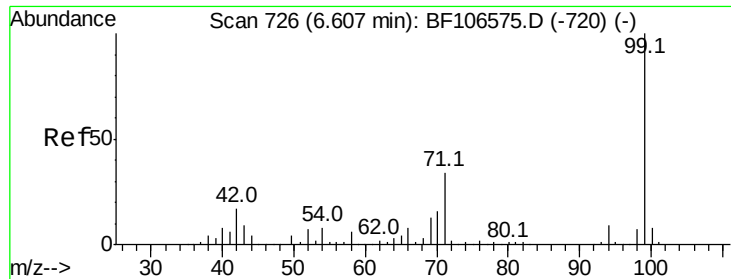
2-Fluorophenol
Concen: 1.142 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106953.D
Acq: 29 Jun 2018 6:16

Tgt Ion:112 Resp: 3640
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 33.0 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: 0.724 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL

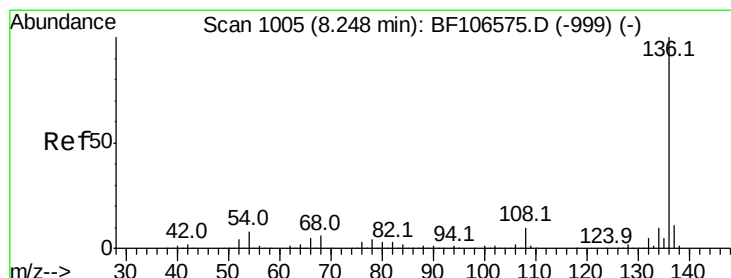
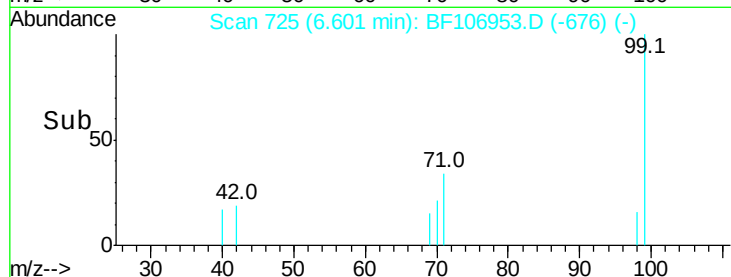
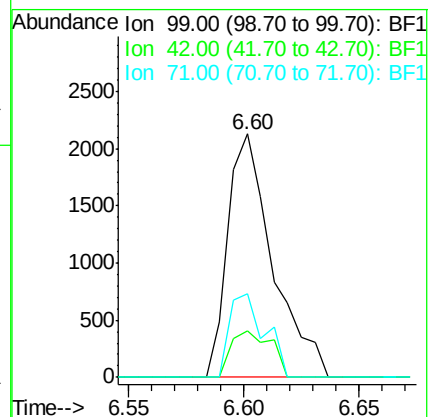
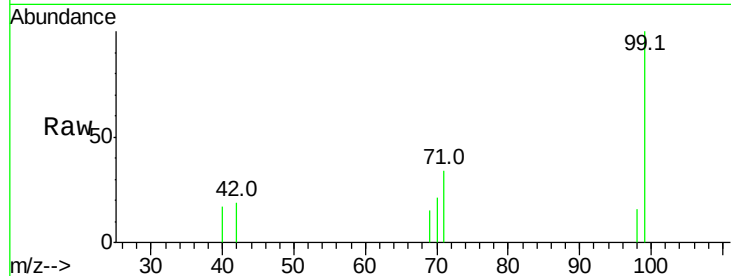
Tot Ion: 99 Resp: 2883

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 34.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

Tgt Ion: 136 Resp: 194381

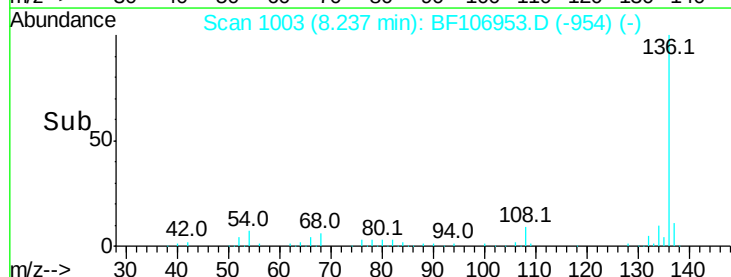
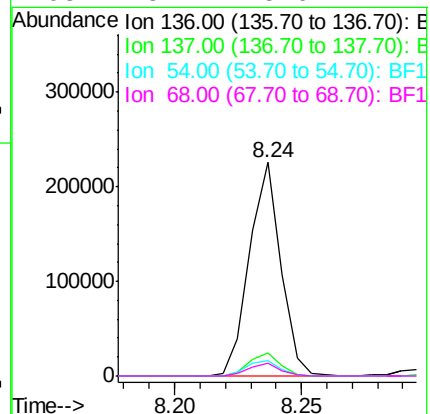
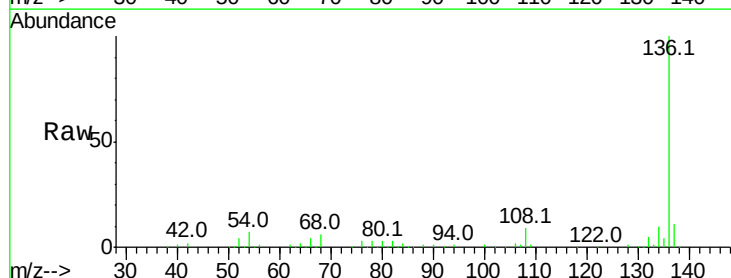
Ion Ratio Lower Upper

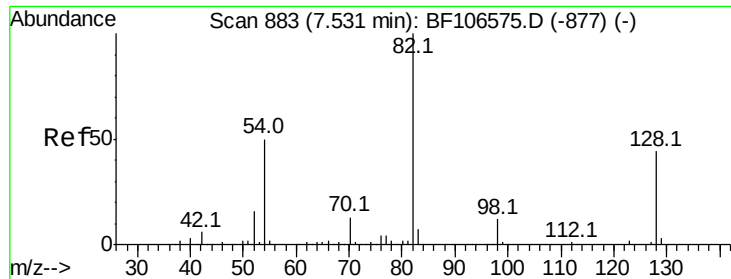
136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

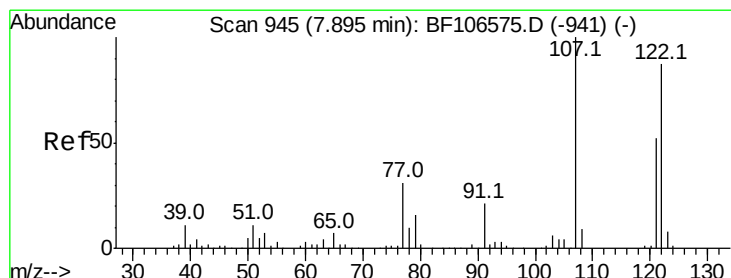
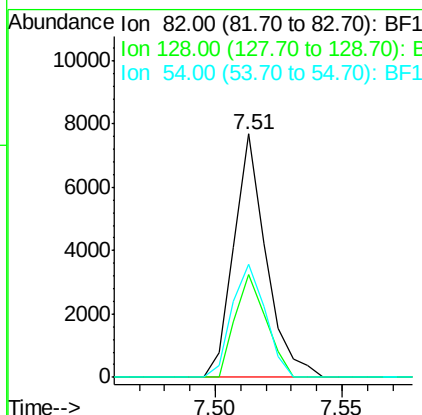
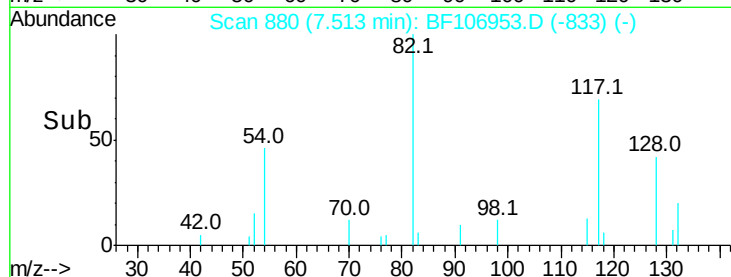
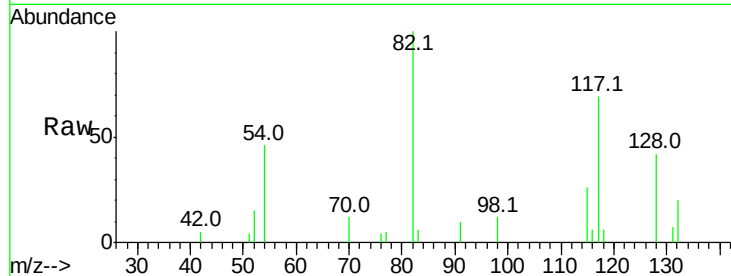




#23
 Nitrobenzene-d5
 Concen: 1.947 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF106953.D
 Acq: 29 Jun 2018 6:16

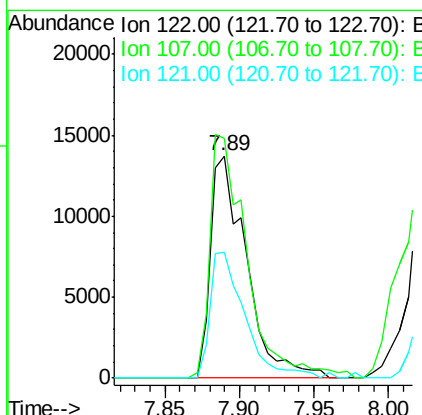
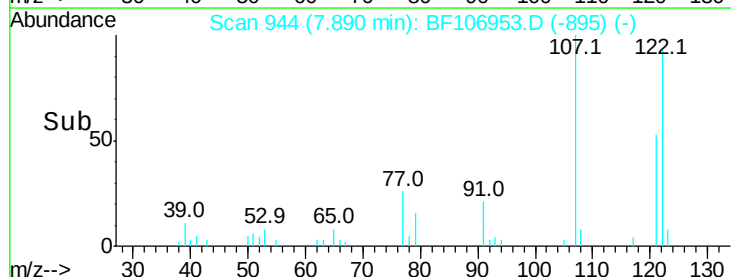
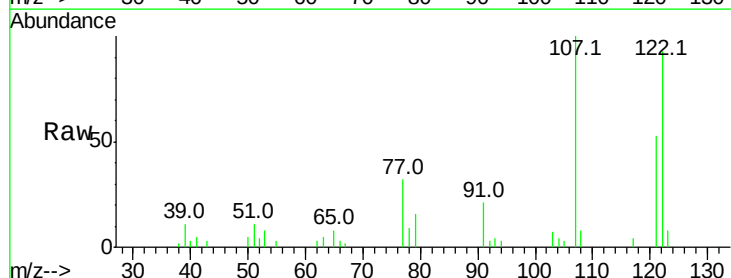
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-26S-GWDL

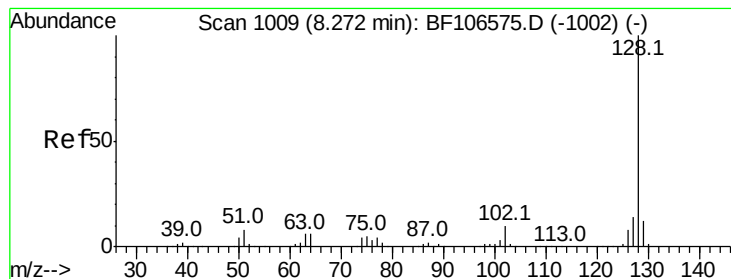
Tot Ion: 82 Resp: 6811
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 46.4 41.4 62.2



#27
 2,4-Dimethylphenol
 Concen: 8.806 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106953.D
 Acq: 29 Jun 2018 6:16

Tgt Ion: 122 Resp: 22946
 Ion Ratio Lower Upper
 122 100
 107 107.8 91.2 136.8
 121 56.9 47.2 70.8





#31

Naphthalene

Concen: 105.652 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL

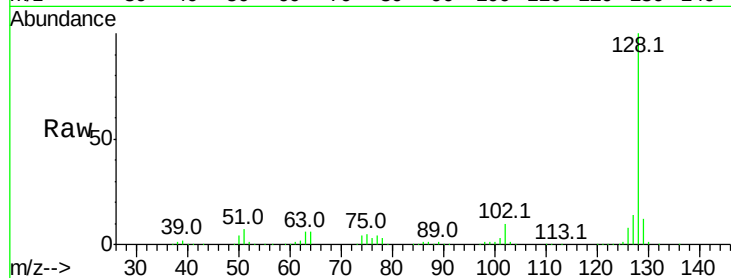
Tot Ion:128 Resp: 960154

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

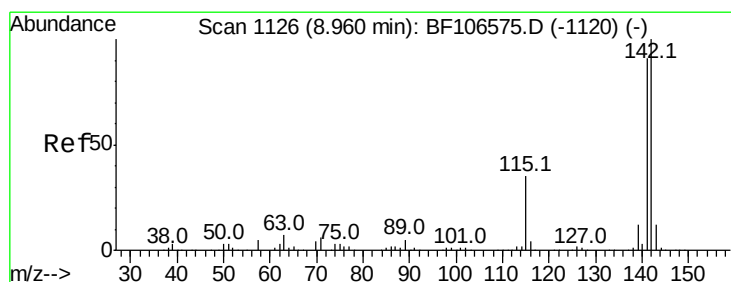
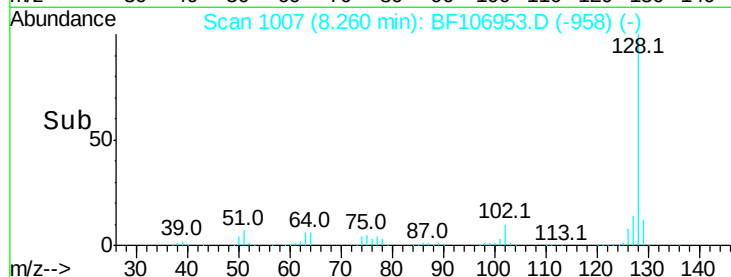
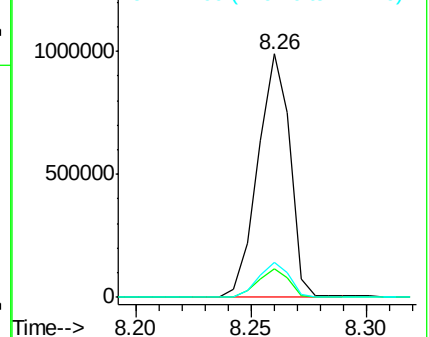
127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 5.497 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

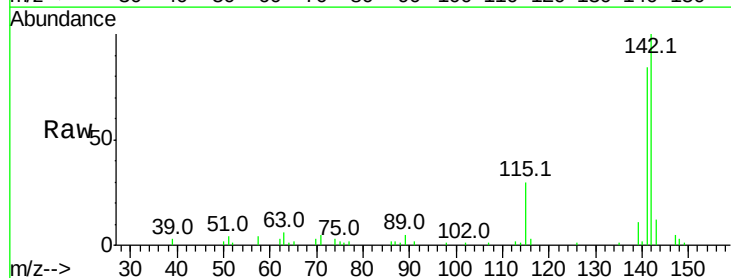
Tgt Ion:142 Resp: 33113

Ion Ratio Lower Upper

142 100

141 83.8 70.8 106.2

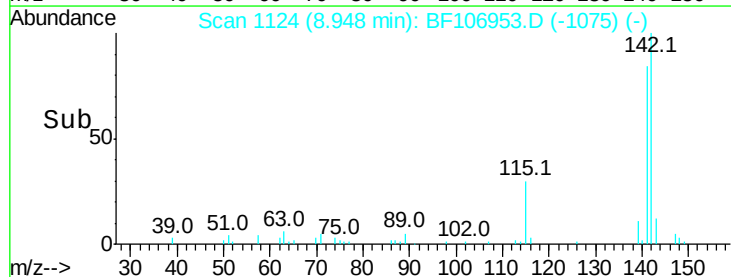
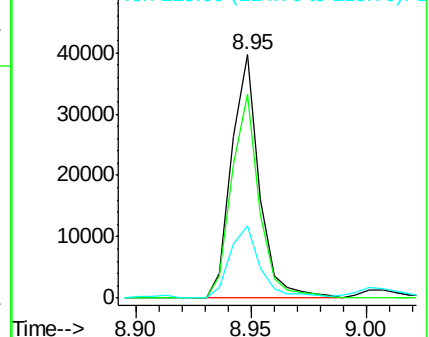
115 29.6 26.1 39.1

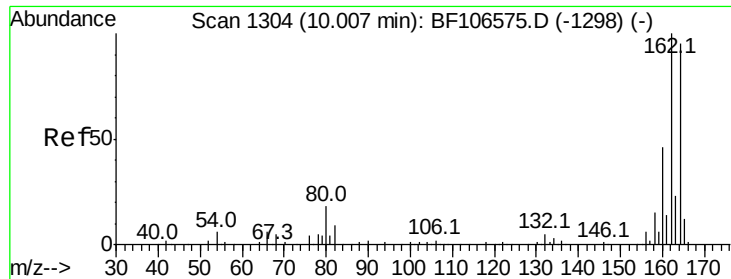


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

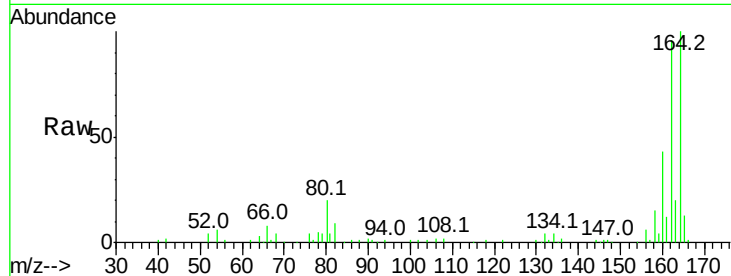




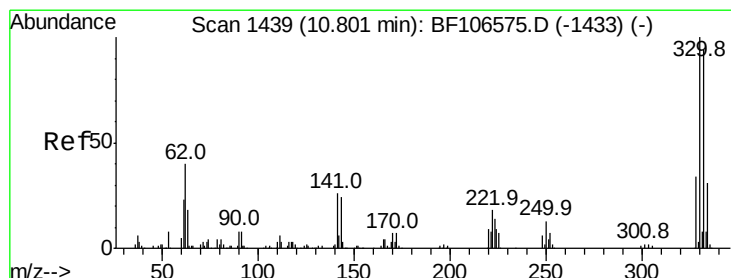
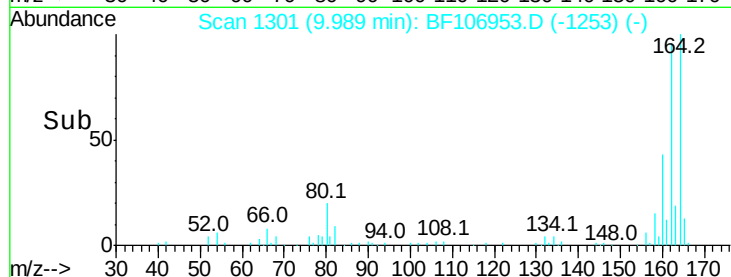
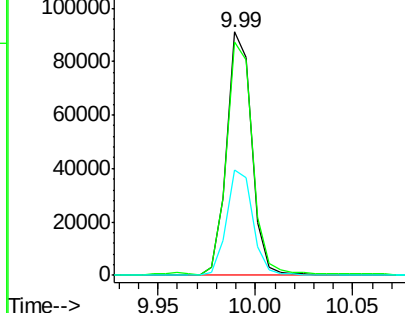
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106953.D
Acq: 29 Jun 2018 6:16

Instrument :
BNA_F
ClientSampleId :
QNWP8-26S-GWDL

Tot Ion:164 Resp: 81205
Ion Ratio Lower Upper
164 100
162 95.9 86.1 129.1
160 43.3 38.3 57.5

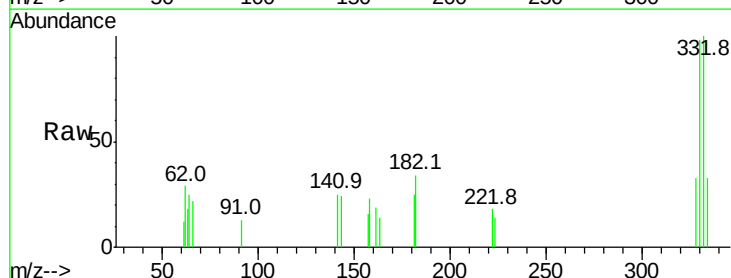


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

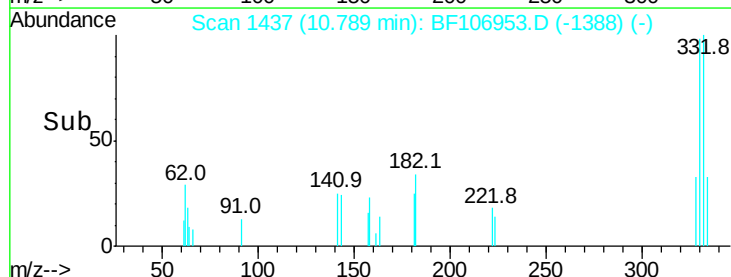
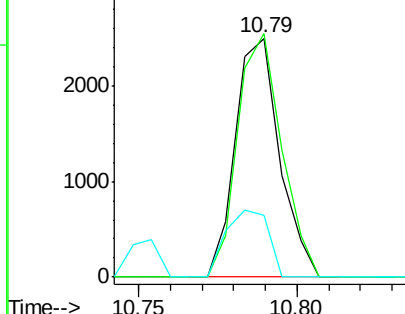


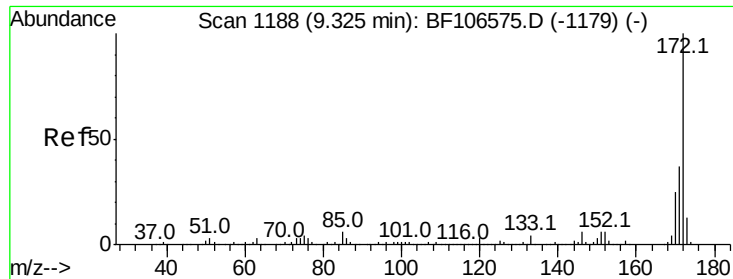
#41
2,4,6-Tribromophenol
Concen: 2.560 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106953.D
Acq: 29 Jun 2018 6:16

Tgt Ion:330 Resp: 2409
Ion Ratio Lower Upper
330 100
332 101.4 77.0 115.6
141 26.9 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

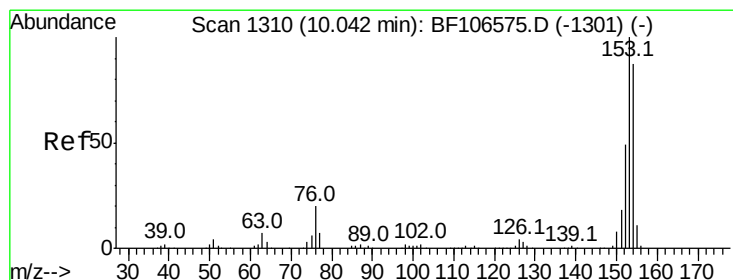
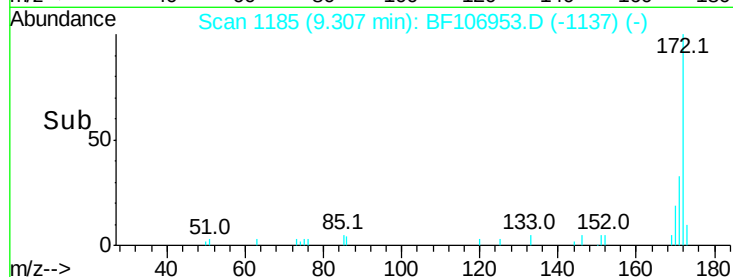
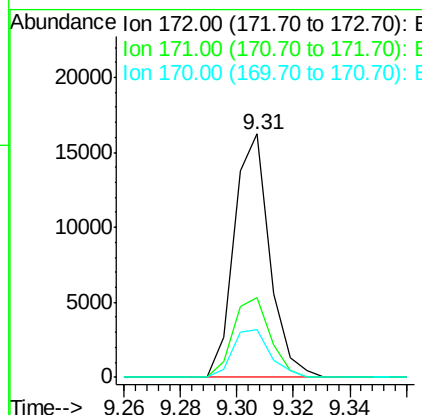
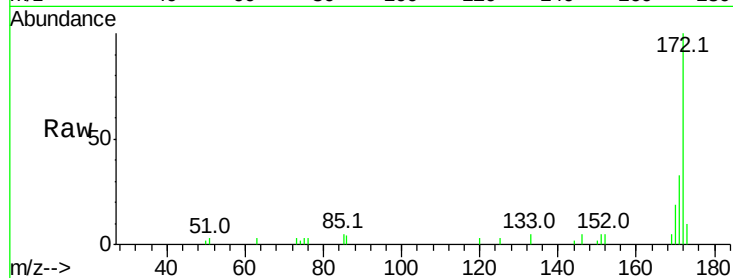




#44
 2-Fluorobiphenyl
 Concen: 2.660 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106953.D
 Acq: 29 Jun 2018 6:16

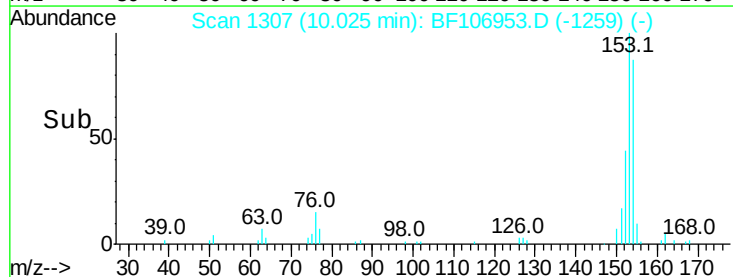
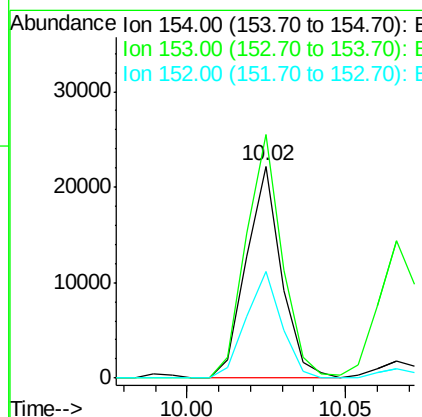
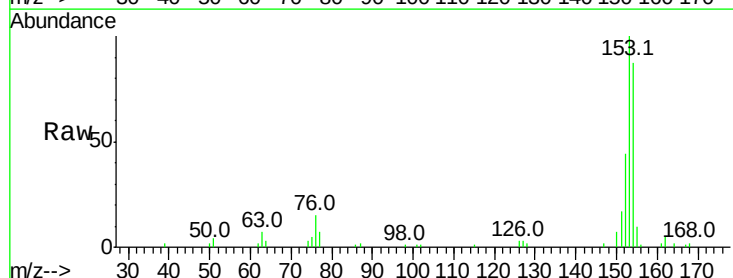
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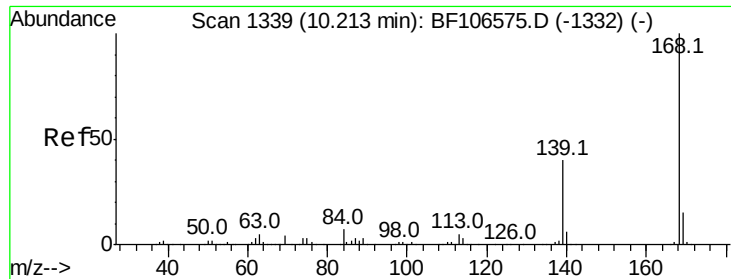
Tot Ion:172 Resp: 14143
 Ion Ratio Lower Upper
 172 100
 171 32.7 29.7 44.5
 170 19.4 19.6 29.4#



#51
 Acenaphthene
 Concen: 3.357 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF106953.D
 Acq: 29 Jun 2018 6:16

Tgt Ion:154 Resp: 17003
 Ion Ratio Lower Upper
 154 100
 153 115.1 91.2 136.8
 152 50.3 43.8 65.8





#54

Dibenzofuran

Concen: 2.741 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL

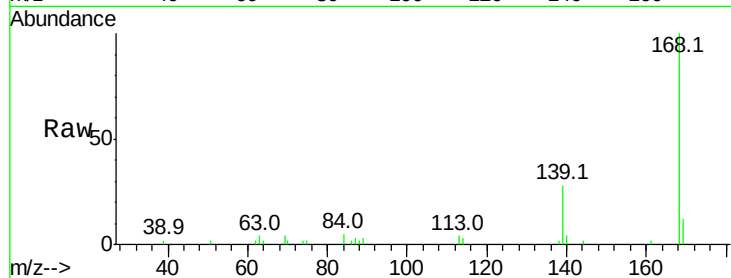
Tot Ion:168 Resp: 19009

Ion Ratio Lower Upper

168 100

139 28.3 30.1 45.1#

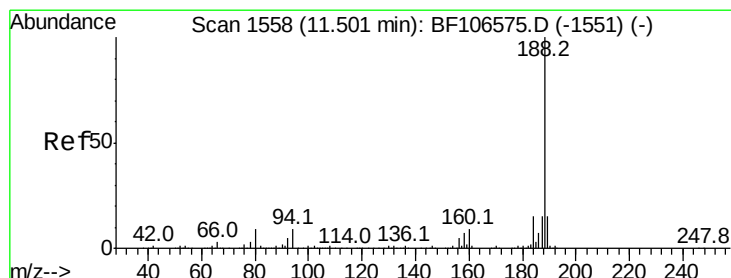
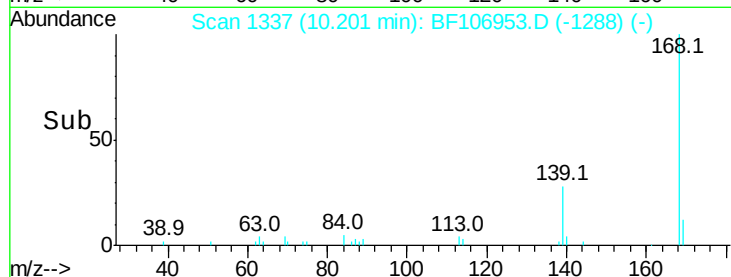
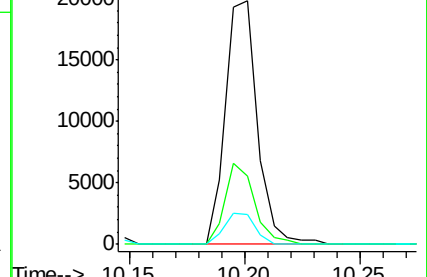
169 12.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

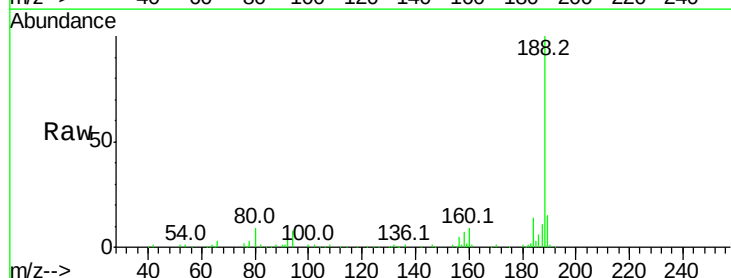
Tgt Ion:188 Resp: 151939

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

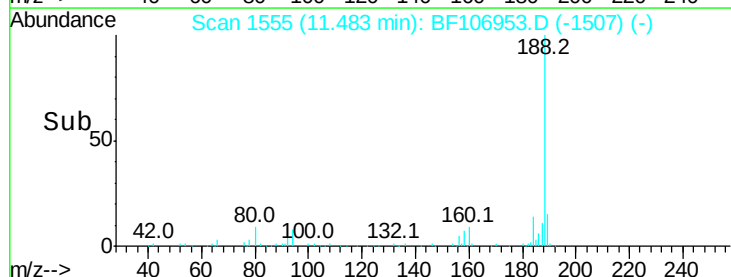
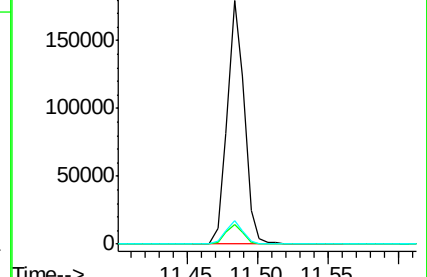
80 9.4 9.2 13.8

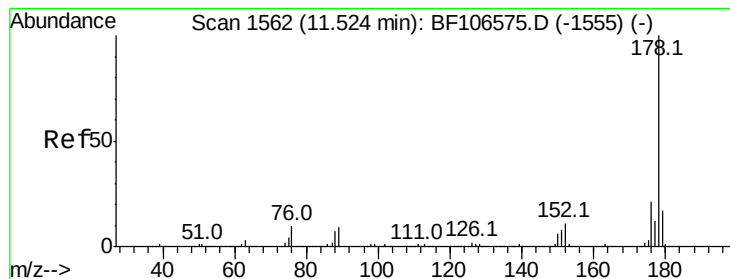


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.240 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL

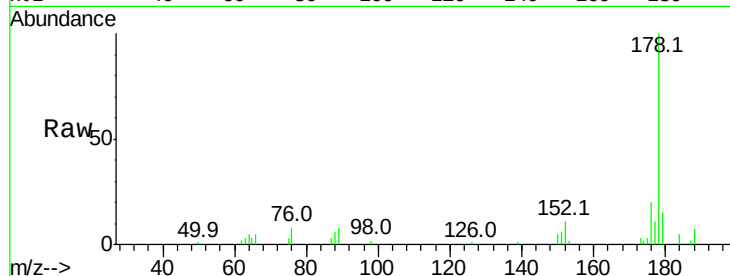
Tot Ion:178 Resp: 16414

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

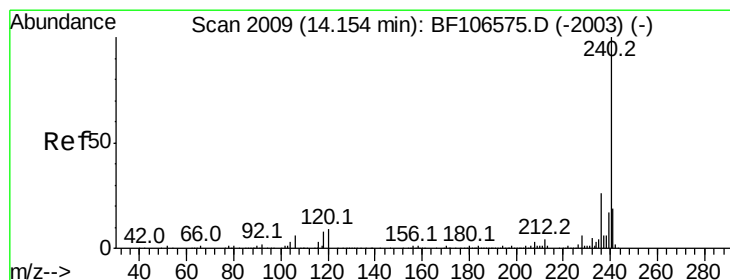
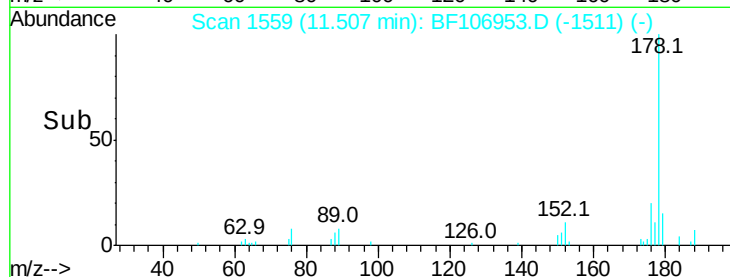
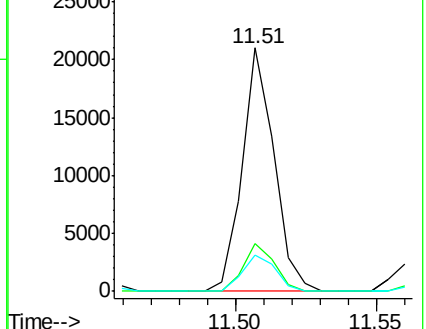
179 15.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106953.D

Acq: 29 Jun 2018 6:16

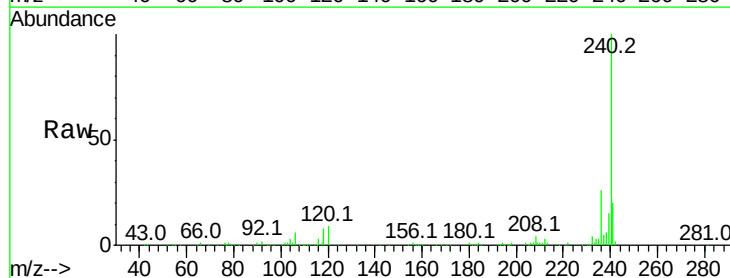
Tgt Ion:240 Resp: 198381

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

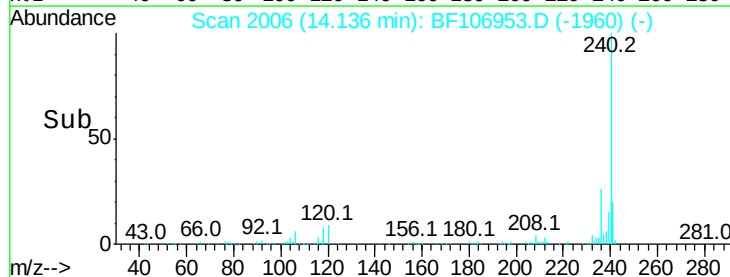
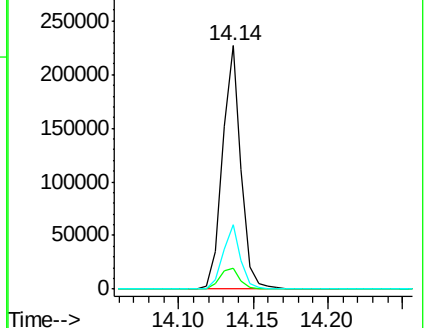
236 26.4 20.7 31.1

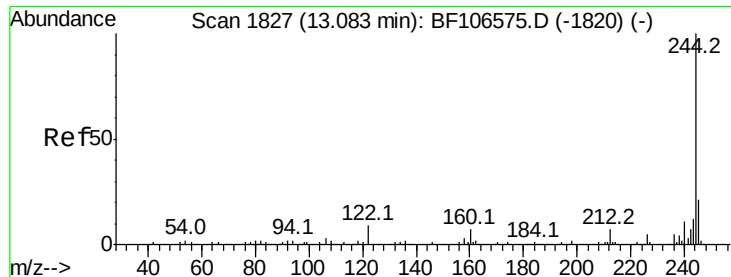


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

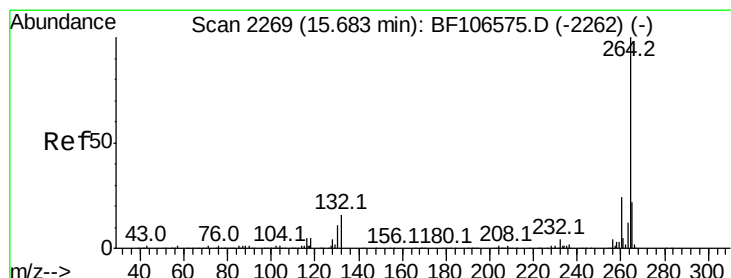
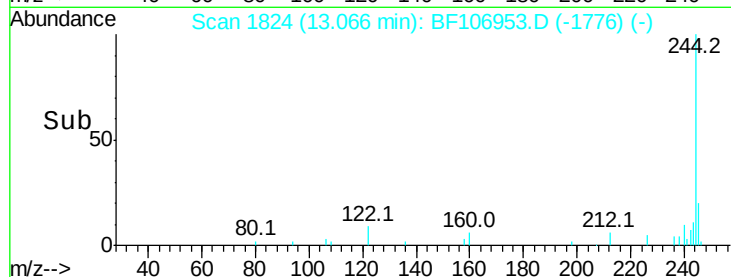
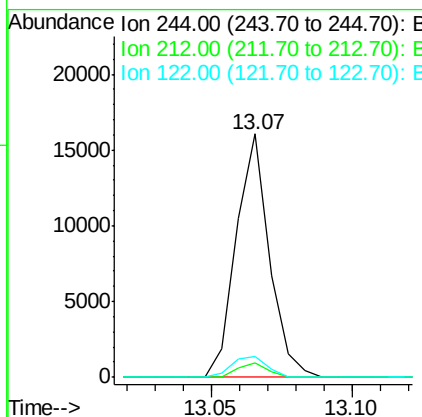
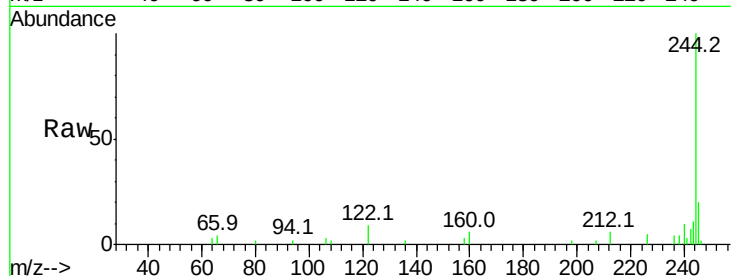




#78
 Terphenyl-d14
 Concen: 1.603 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF106953.D
 Acq: 29 Jun 2018 6:16

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-26S-GWDL

Tot Ion:244 Resp: 13132
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 8.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106953.D
 Acq: 29 Jun 2018 6:16

Tgt Ion:264 Resp: 168566
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.7 17.5 26.3

