

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106804.D
 Acq On : 26 Jun 2018 6:25
 Operator : JU/SJ
 Sample : J3689-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-D-M

Quant Time: Jun 26 07:54:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44890	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154573	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	65610	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	126090	20.00	ng	0.00
75) Chrysene-d12	14.15	240	118713	20.00	ng	-0.02
86) Perylene-d12	15.69	264	81492	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	109511	41.31	ng	0.00
7) Phenol-d6	6.60	99	92950	28.08	ng	-0.01
23) Nitrobenzene-d5	7.52	82	246220	88.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	69574	91.49	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	431279	116.78	ng	0.00
78) Terphenyl-d14	13.08	244	484593	98.88	ng	0.00

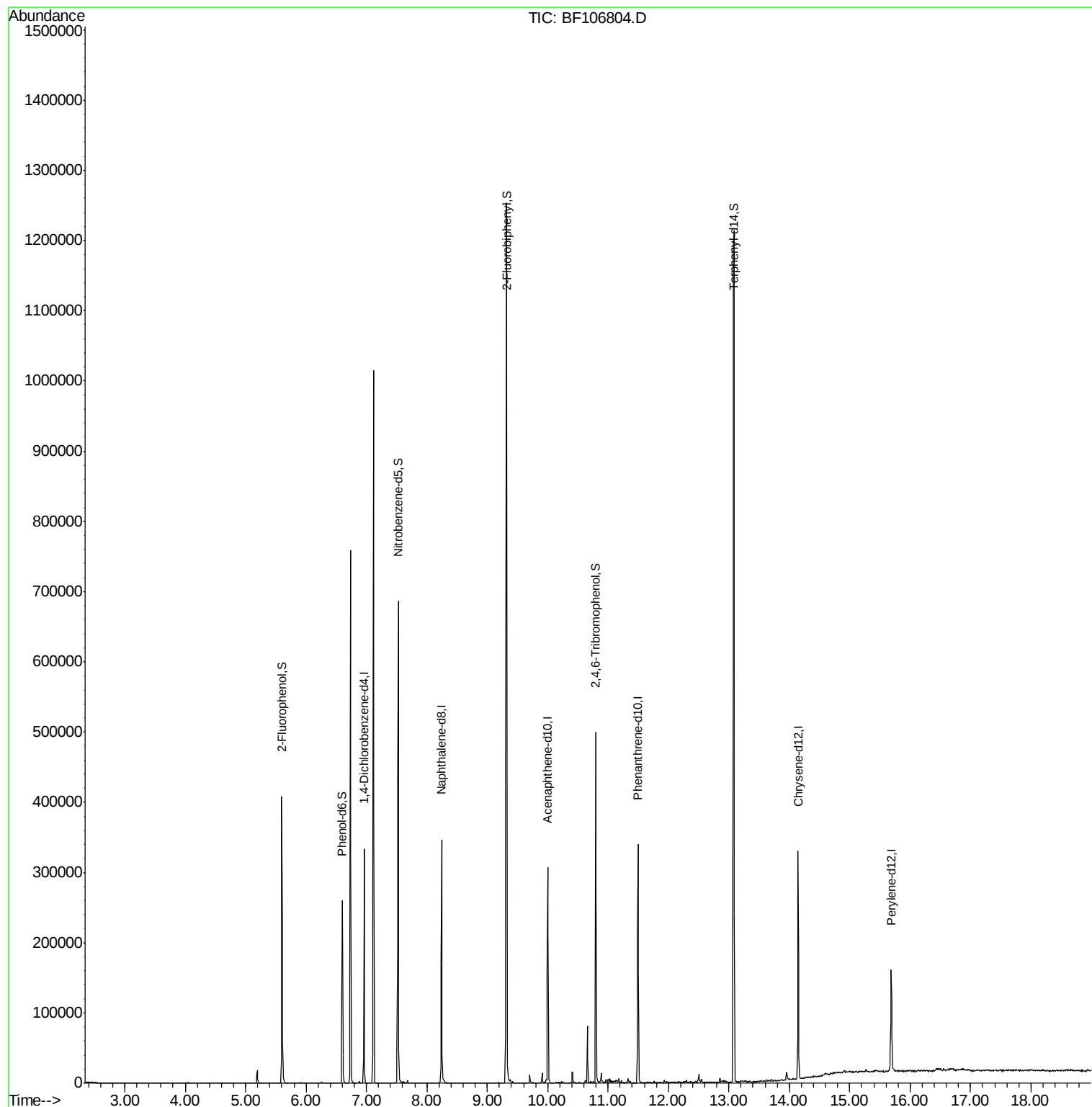
Target Compounds Qvalue

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

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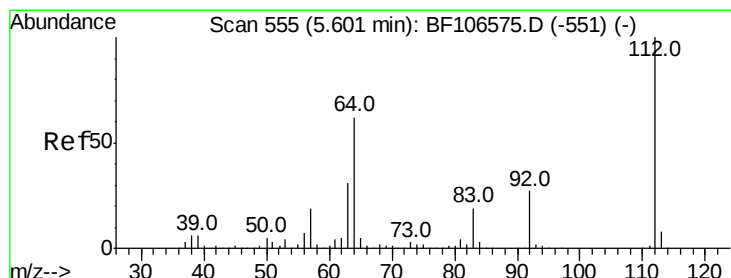
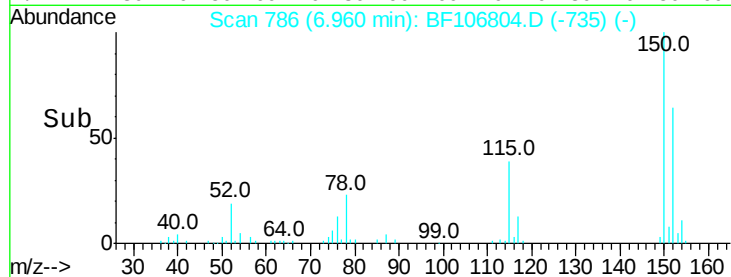
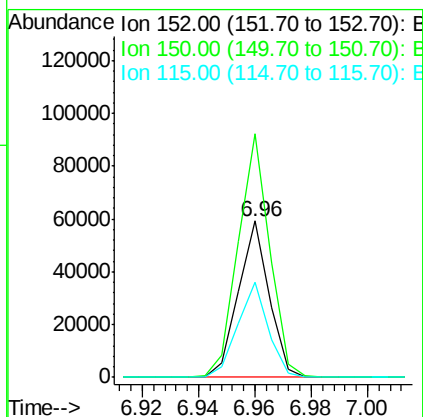
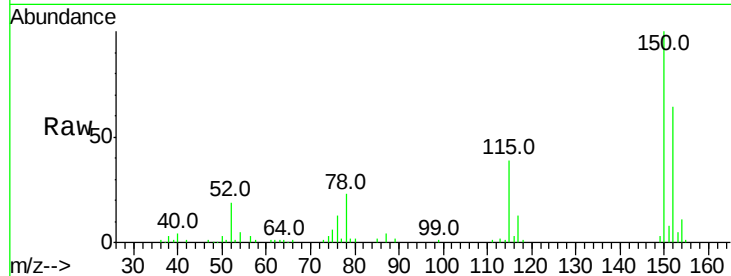


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-D-M

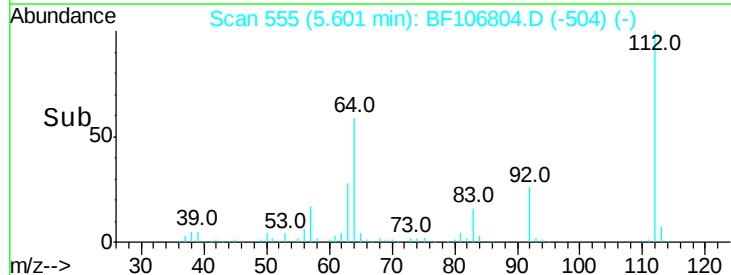
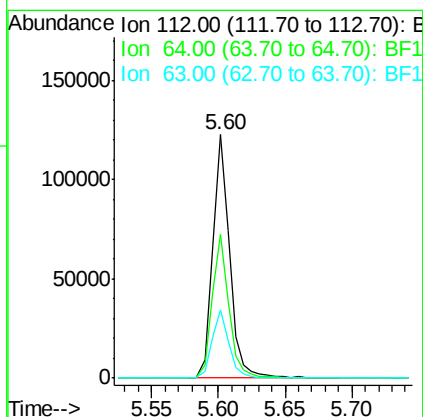
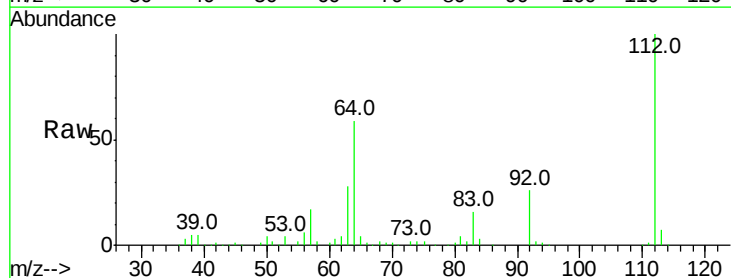
Tot Ion:152 Resp: 44890
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 61.0 50.1 75.1



#5

2-Fluorophenol
 Concen: 41.309 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Tgt Ion:112 Resp: 109511
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 28.077 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-D-M

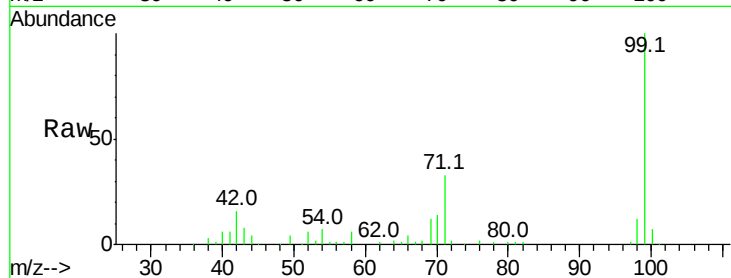
Tot Ion: 99 Resp: 92950

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

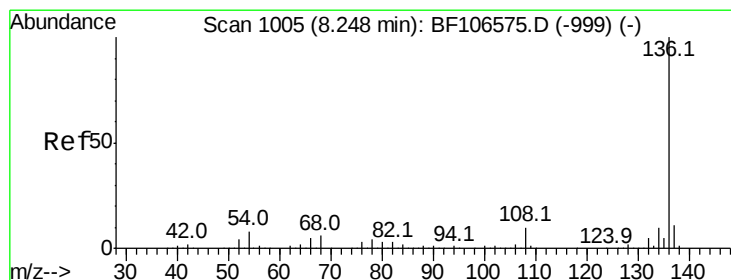
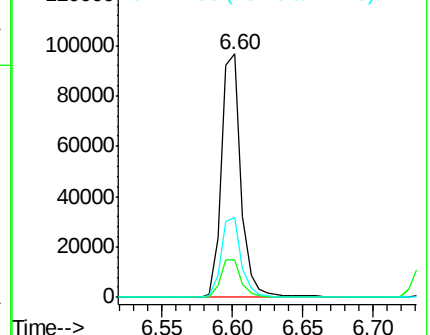
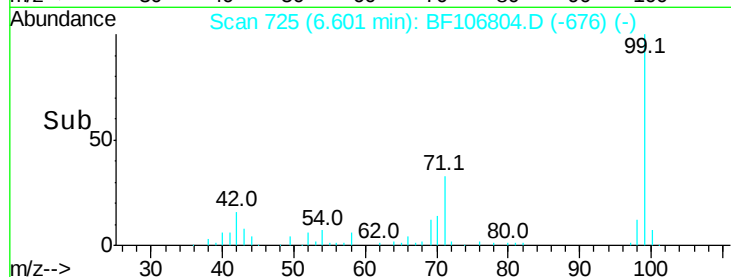
71 32.5 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Tgt Ion: 136 Resp: 154573

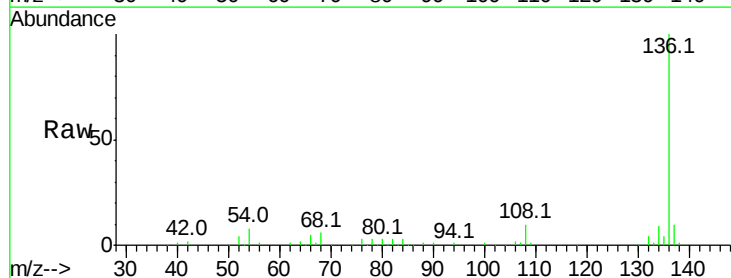
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

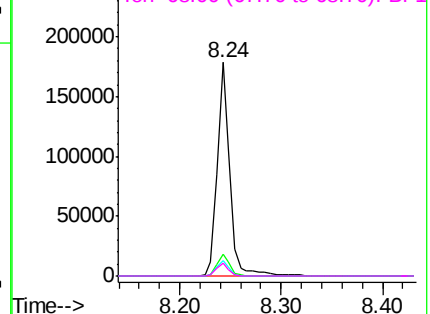
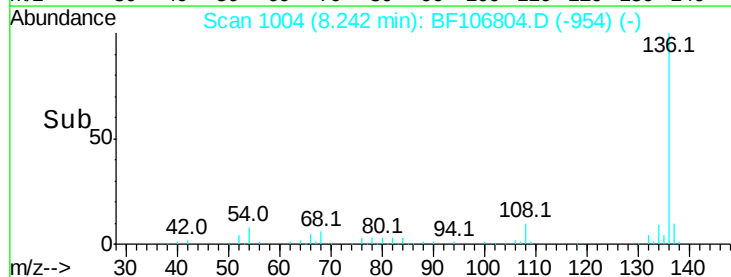


Abundance Ion 136.00 (135.70 to 136.70): E

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

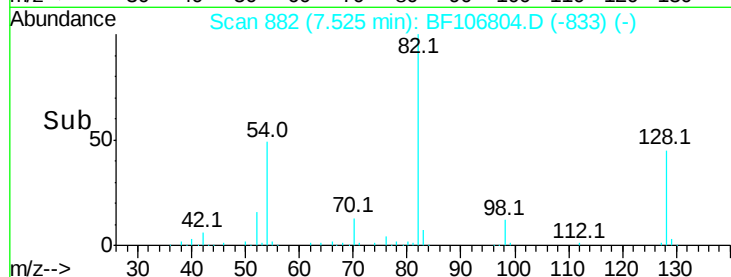
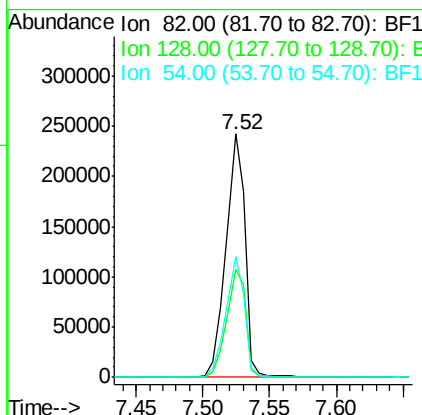
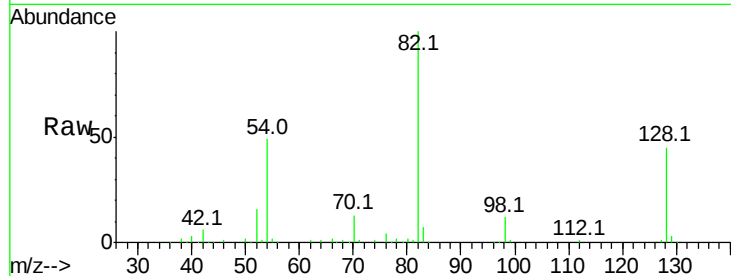




#23
 Nitrobenzene-d5
 Concen: 88.523 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

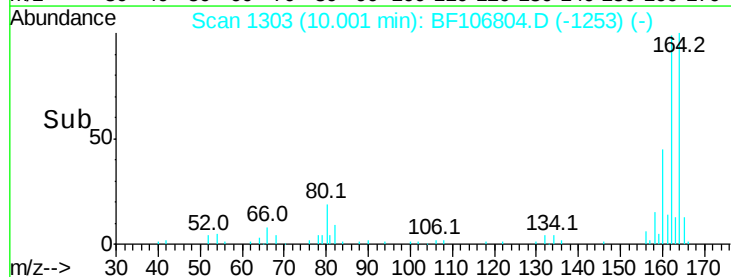
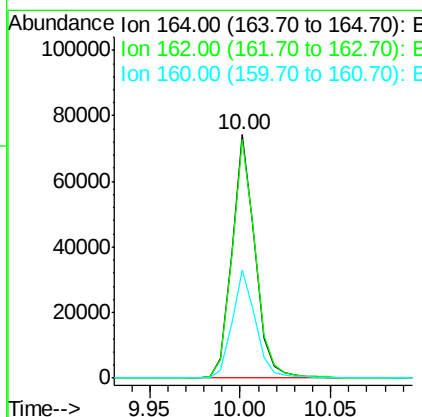
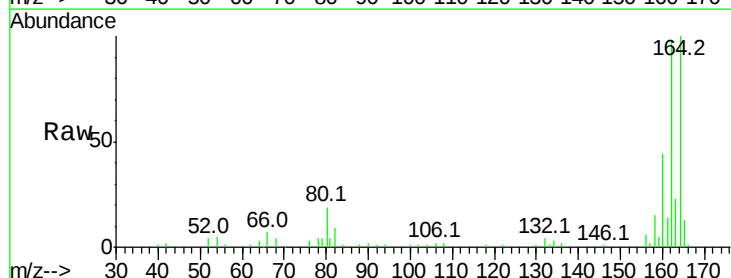
Instrument :
 BNA_F
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 062118-DBRI-E-D-M

Tot Ion	82	Resp	246220
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	49.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Tgt Ion	164	Resp	65610
Ion Ratio	Lower	Upper	
164	100		
162	97.7	86.1	129.1
160	44.2	38.3	57.5

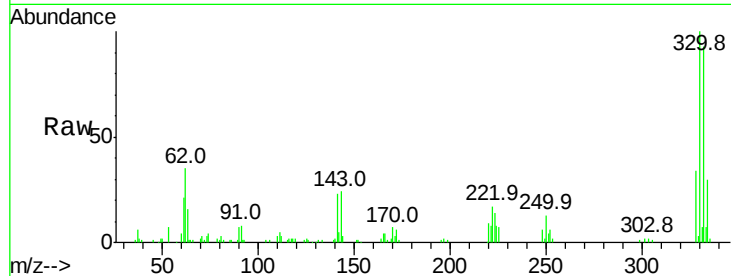




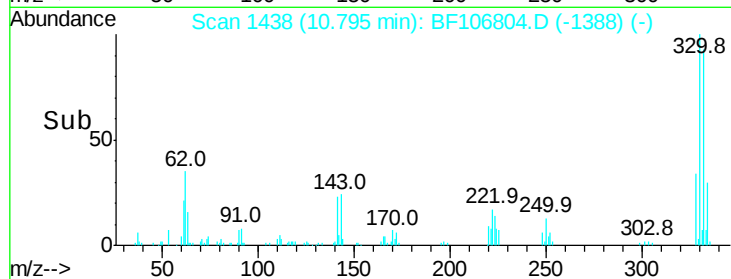
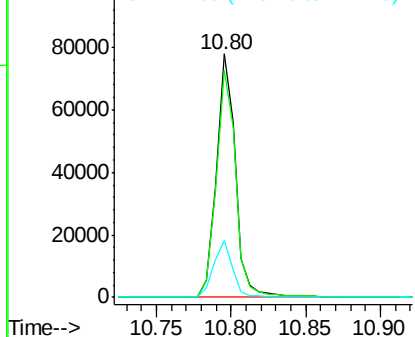
#41
 2,4,6-Tribromophenol
 Concen: 91.492 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-D-M

Tot Ion:330 Resp: 69574
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 22.8 29.9 44.9#

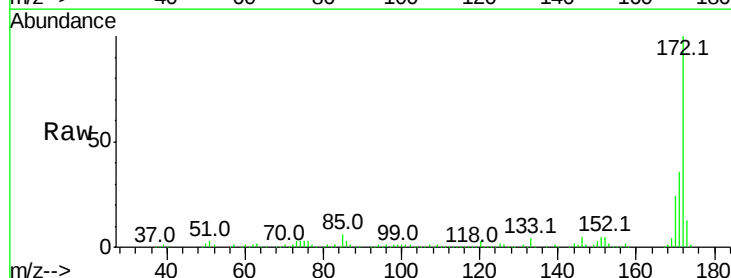


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

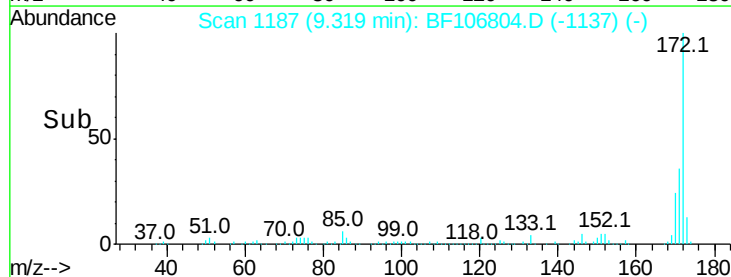
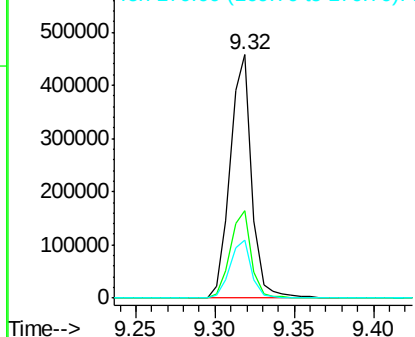


#44
 2-Fluorobiphenyl
 Concen: 116.777 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Tgt Ion:172 Resp: 431279
 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-D-M

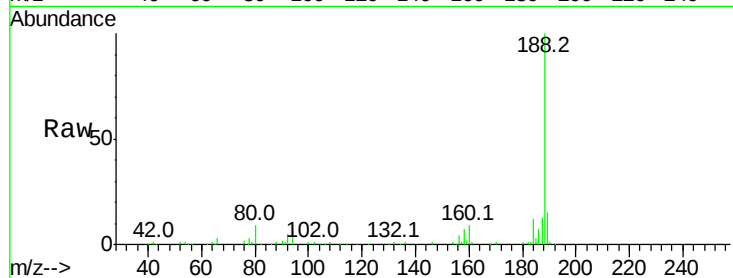
Tot Ion:188 Resp: 126090

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

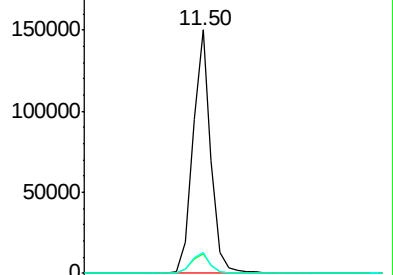
80 8.7 9.2 13.8#



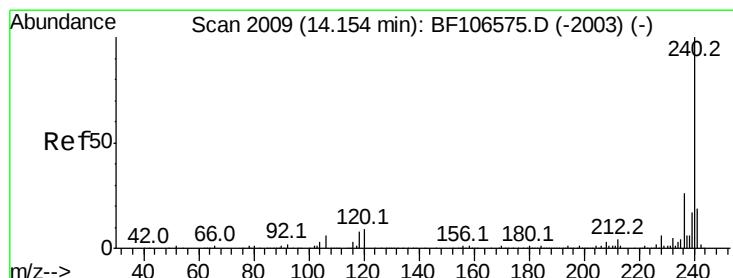
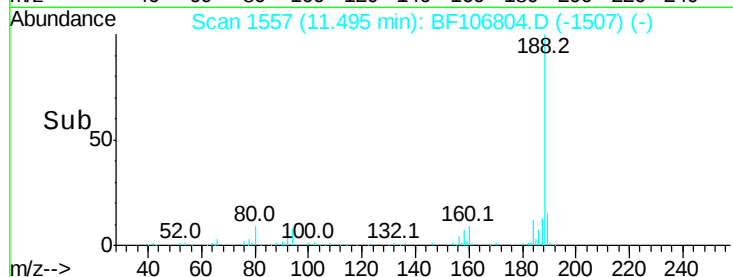
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

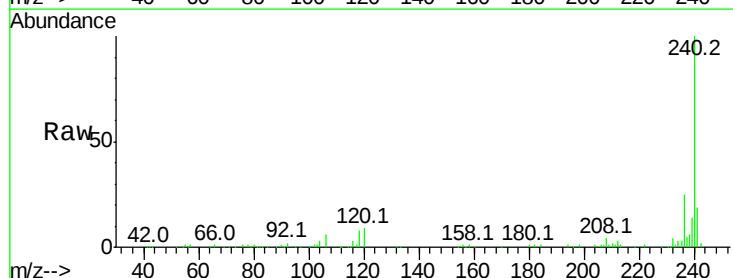
Tgt Ion:240 Resp: 118713

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

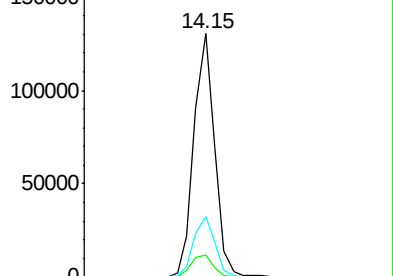
236 24.9 20.7 31.1



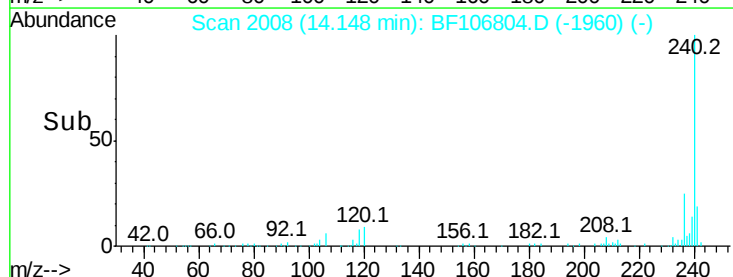
Abundance Ion 240.00 (239.70 to 240.70): E

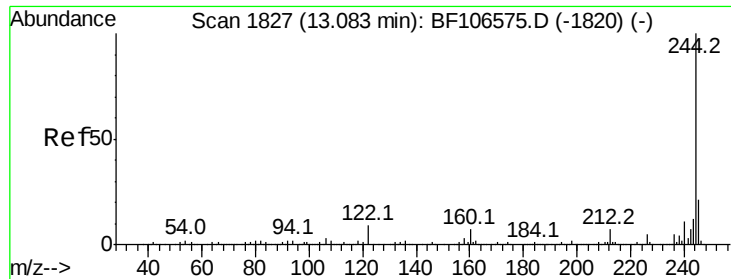
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 98.880 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

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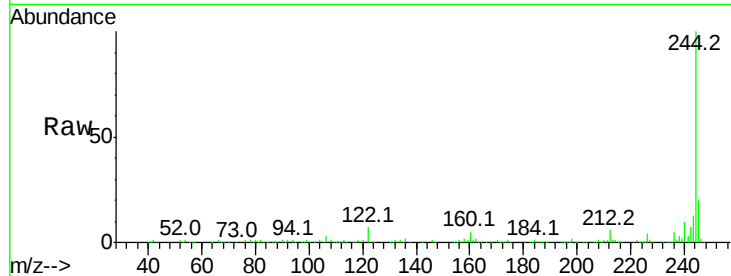
Tot Ion:244 Resp: 484593

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

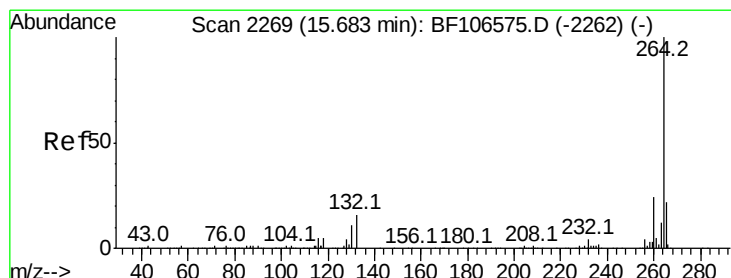
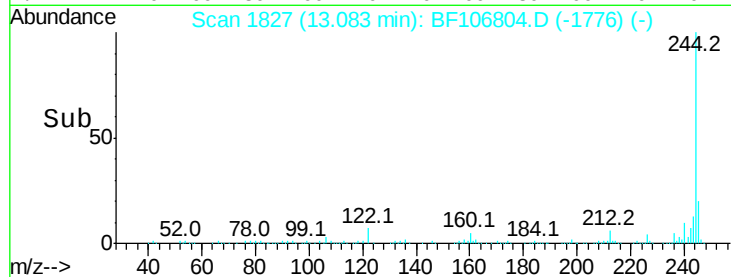
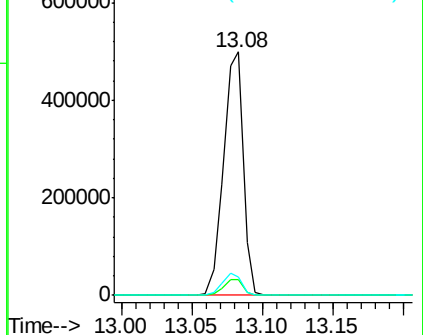
122 7.5 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

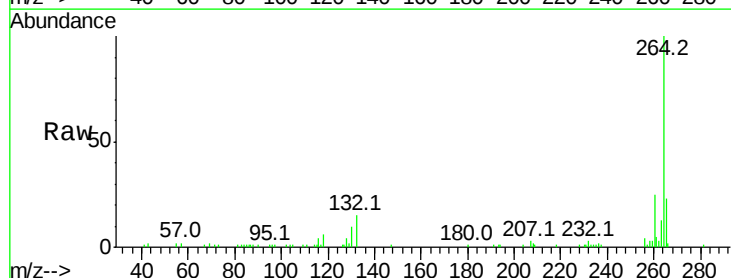
Tgt Ion:264 Resp: 81492

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.5 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

