

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106805.D
 Acq On : 26 Jun 2018 6:52
 Operator : JU/SJ
 Sample : J3689-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jun 26 07:59:19 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	43526	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150579	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64736	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	128086	20.00	ng	0.00
75) Chrysene-d12	14.15	240	118888	20.00	ng	-0.02
86) Perylene-d12	15.69	264	79596	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	108505	42.21	ng	0.00
7) Phenol-d6	6.60	99	83061	25.88	ng	-0.02
23) Nitrobenzene-d5	7.52	82	237019	87.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68421	91.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	428889	117.84	ng	0.00
78) Terphenyl-d14	13.08	244	480027	97.80	ng	0.00

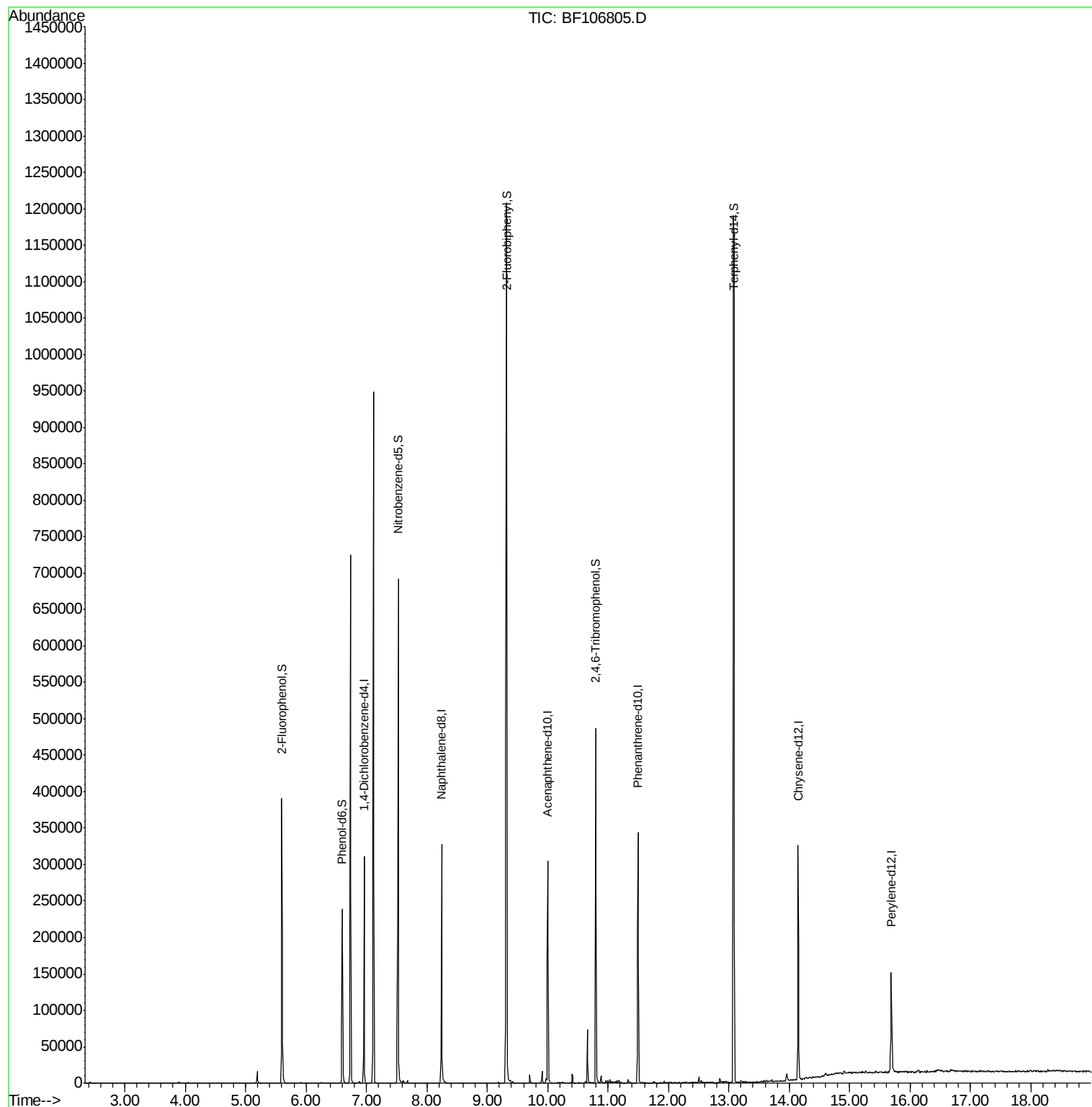
Target Compounds Qvalue

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

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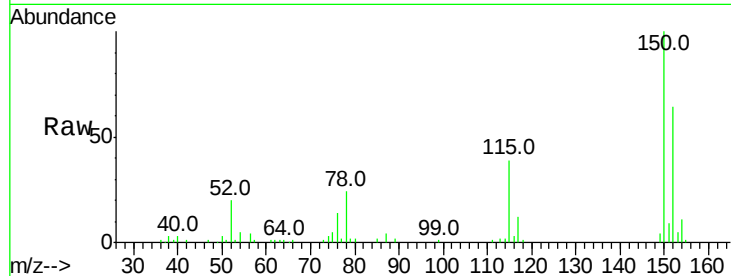


#1

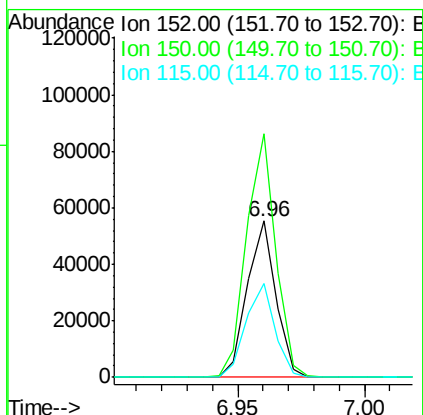
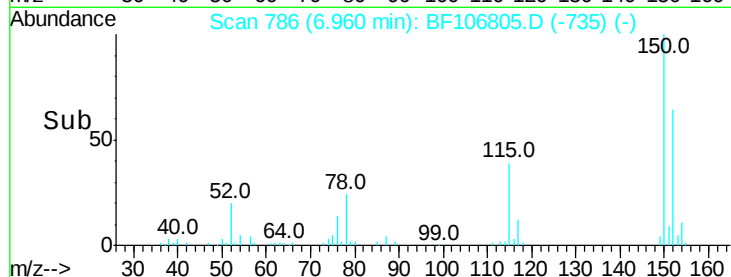
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

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

Tot Ion:152 Resp: 43526
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.0 50.1 75.1



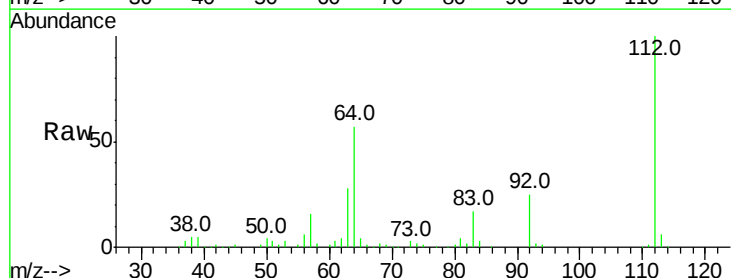
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



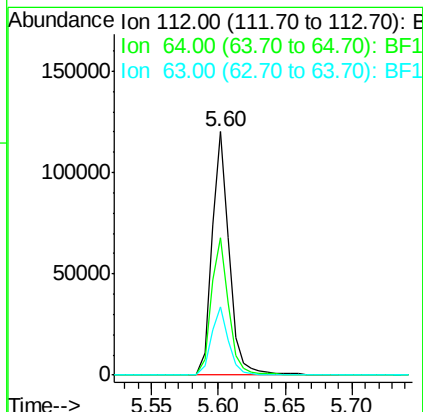
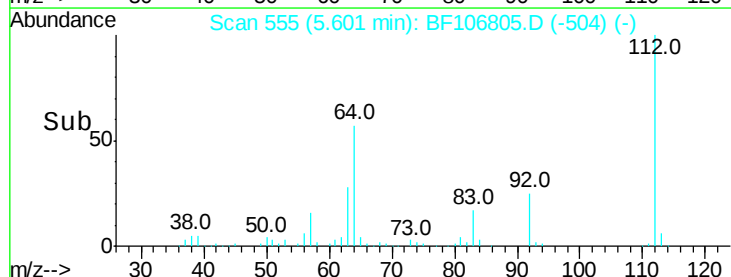
#5

2-Fluorophenol
Concen: 42.212 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

Tgt Ion:112 Resp: 108505
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.8 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: 25.876 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-D-S

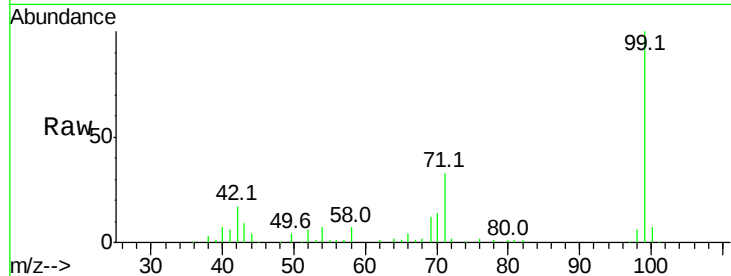
Tot Ion: 99 Resp: 83061

Ion Ratio Lower Upper

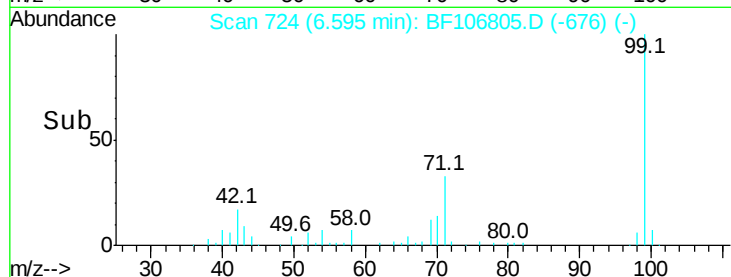
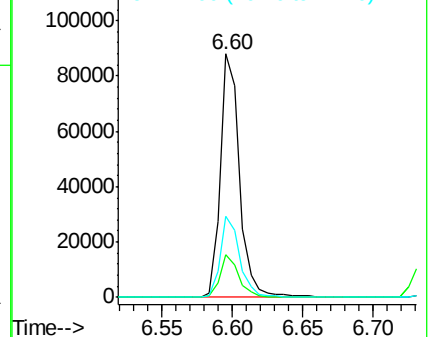
99 100

42 17.3 14.5 21.7

71 33.5 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: BF106805.D

Acq: 26 Jun 2018 6:52

Tgt Ion: 136 Resp: 150579

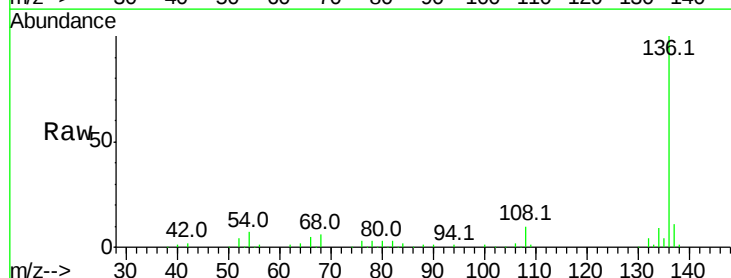
Ion Ratio Lower Upper

136 100

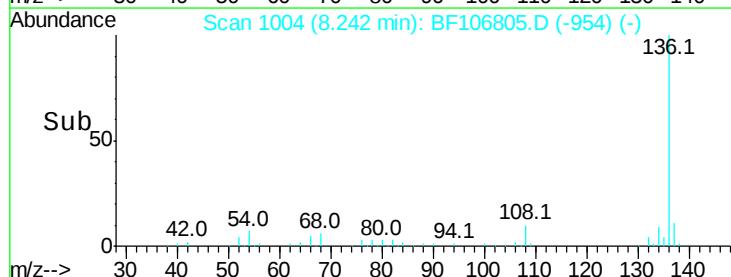
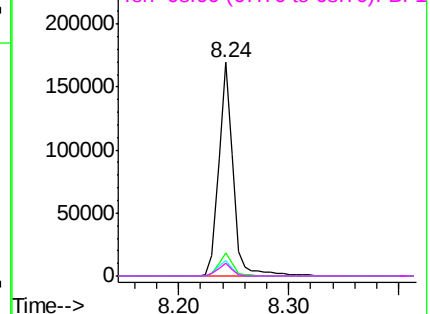
137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 5.8 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

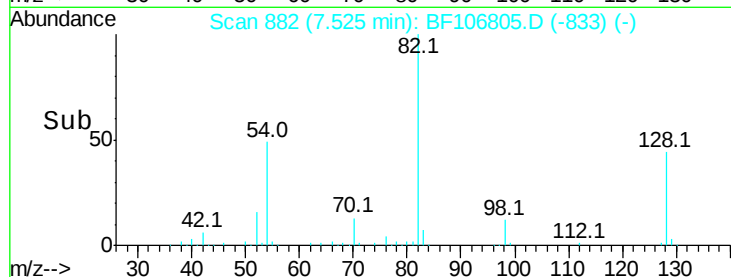
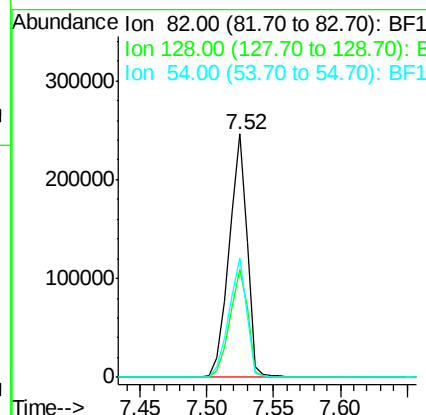
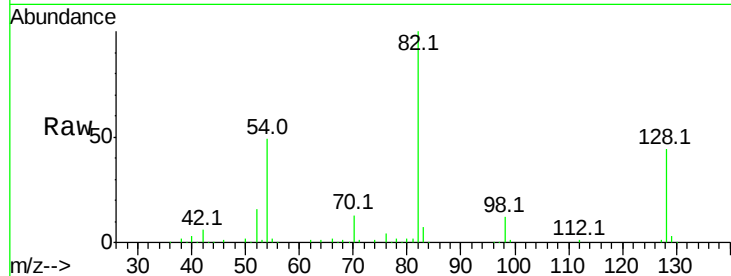




#23
 Nitrobenzene-d5
 Concen: 87.476 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

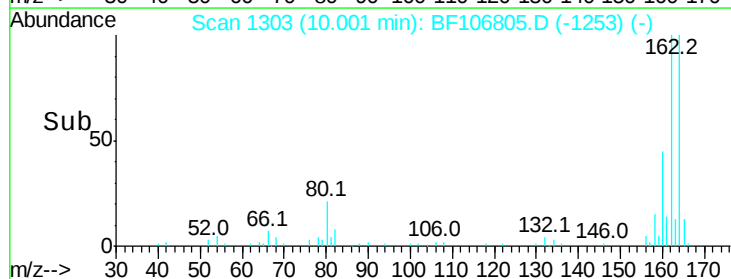
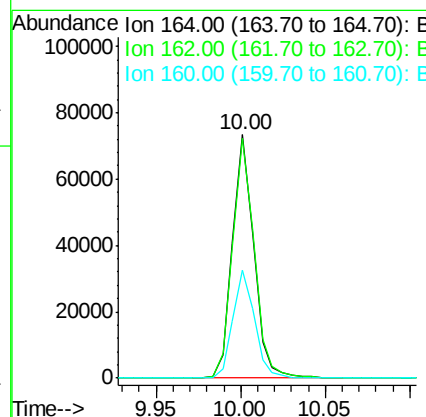
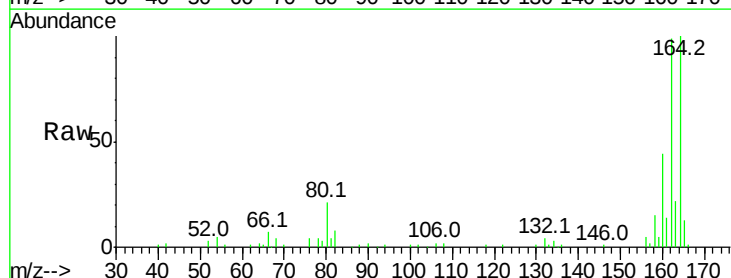
Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-D-S

Tot Ion	82	Resp	237019
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.1	54.1
54	48.8	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: BF106805.D
 Acq: 26 Jun 2018 6:52

Tgt Ion	164	Resp	64736
Ion Ratio	Lower	Upper	
164	100		
162	98.6	86.1	129.1
160	44.2	38.3	57.5

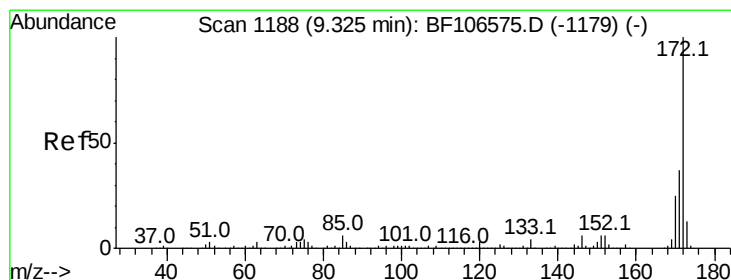
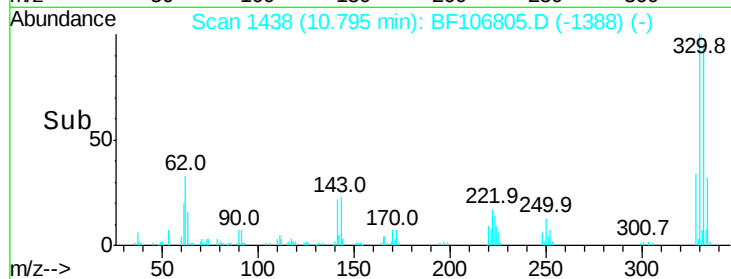
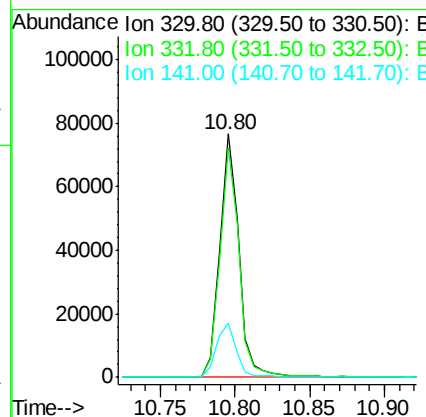
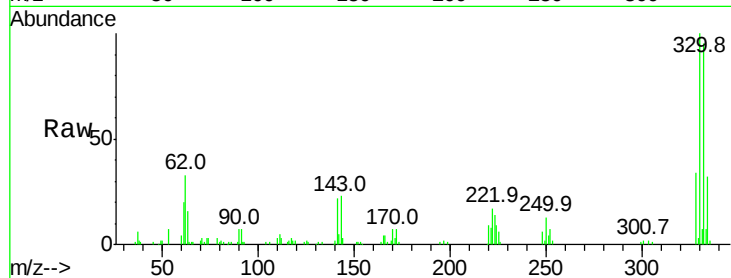




#41
 2,4,6-Tribromophenol
 Concen: 91.191 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

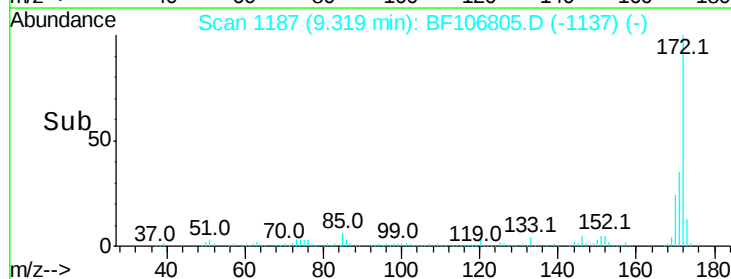
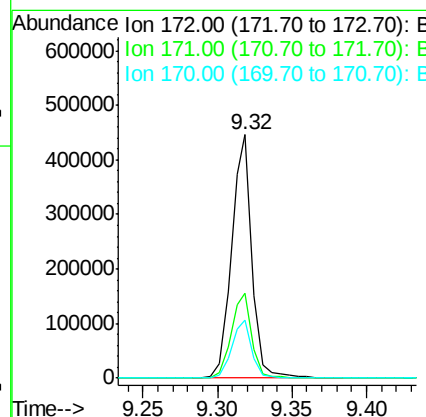
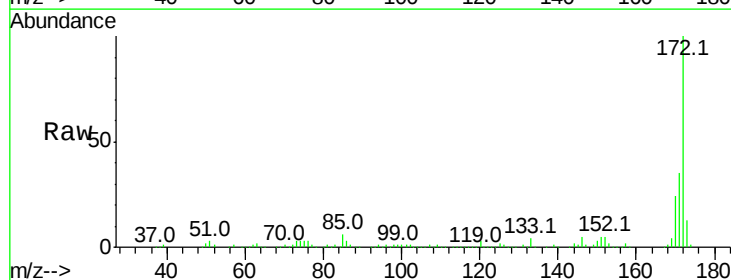
Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-D-S

Tot Ion:330 Resp: 68421
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 22.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 117.839 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

Tgt Ion:172 Resp: 428889
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 24.0 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-D-S

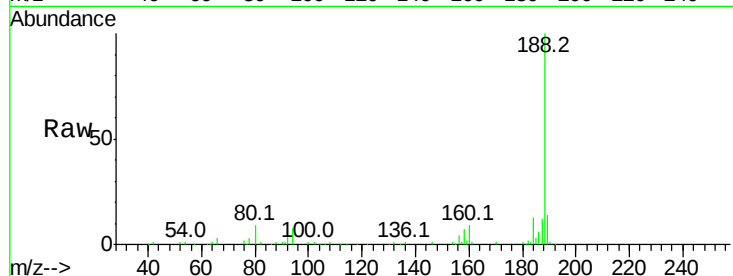
Tot Ion:188 Resp: 128086

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

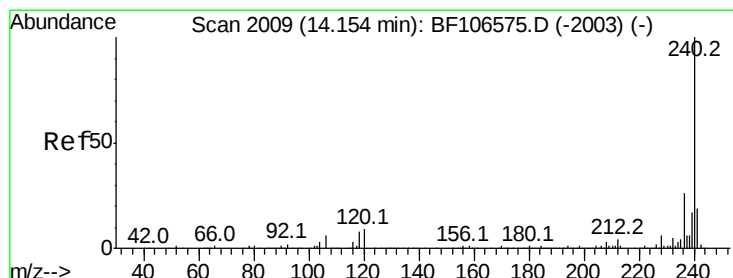
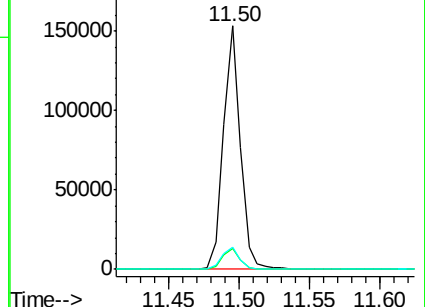
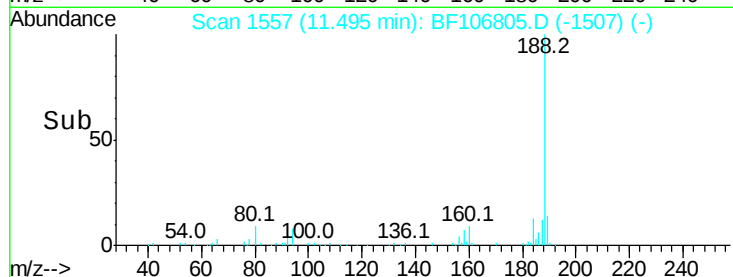
80 9.0 9.2 13.8#



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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

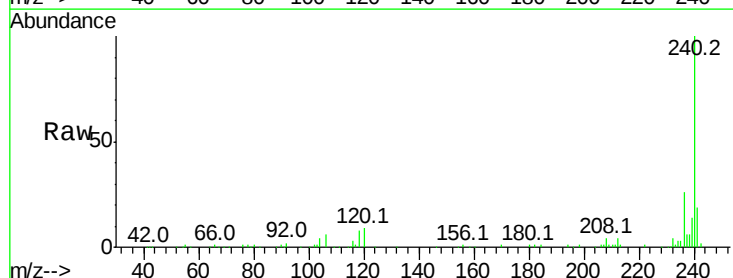
Tgt Ion:240 Resp: 118888

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

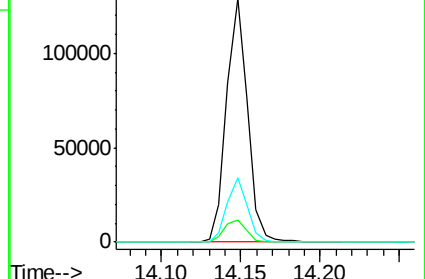
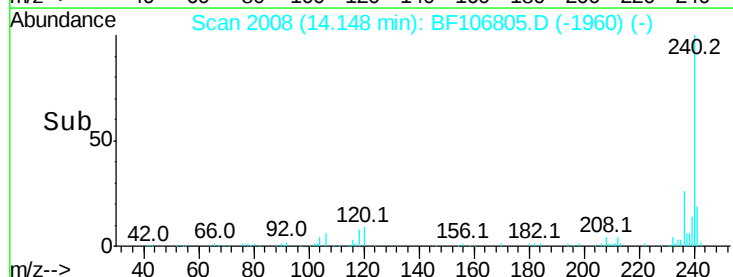
236 26.3 20.7 31.1

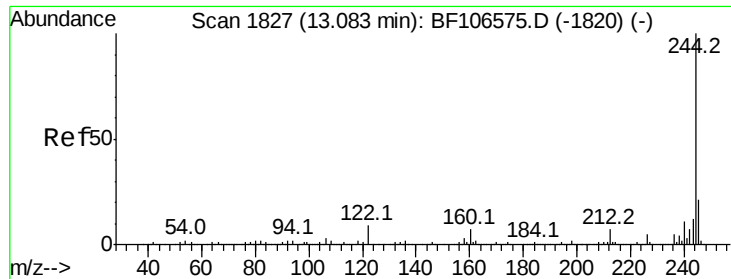


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.804 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-D-S

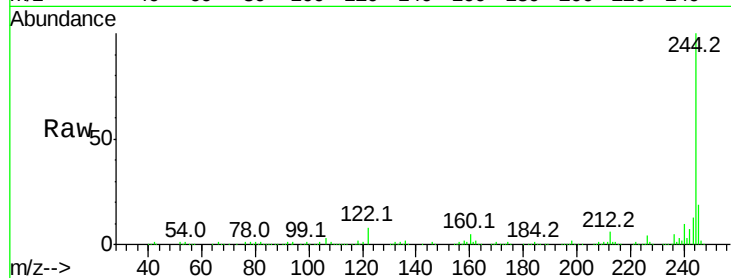
Tot Ion:244 Resp: 480027

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

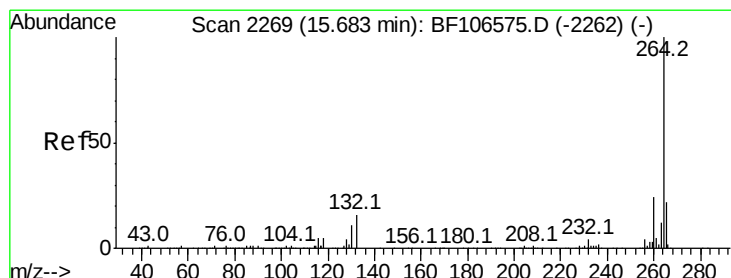
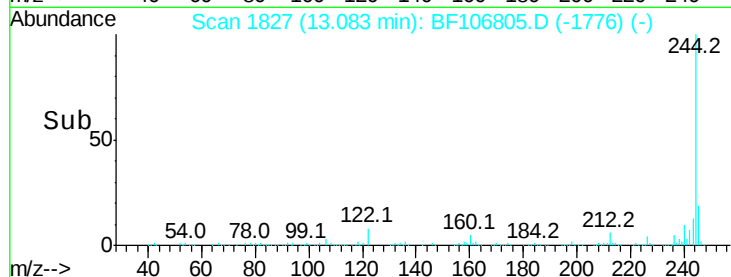
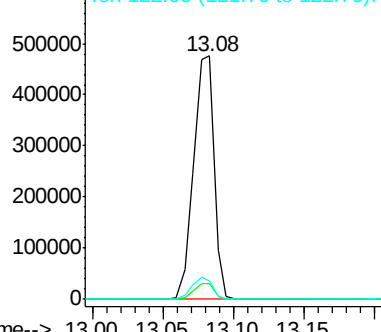
122 7.7 11.0 16.4#



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: BF106805.D

Acq: 26 Jun 2018 6:52

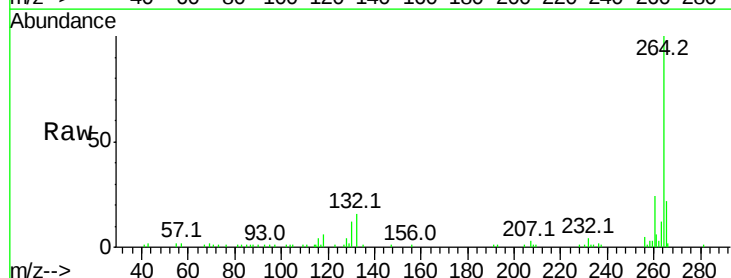
Tgt Ion:264 Resp: 79596

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 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

