

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109457.D
 Acq On : 29 Sep 2018 4:14
 Operator : JU/SJ
 Sample : J5133-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-S

Quant Time: Oct 01 03:49:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

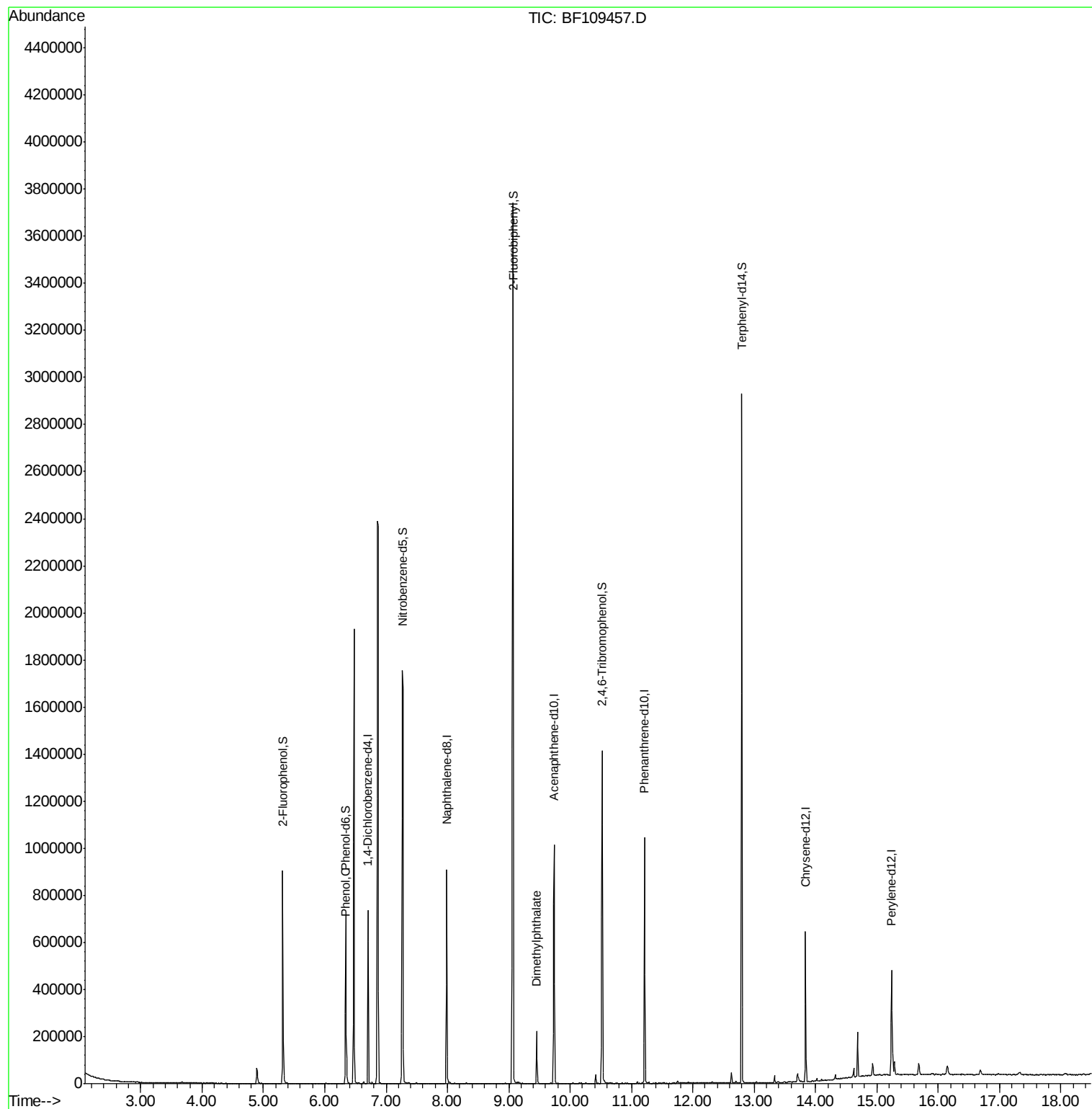
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107142	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	402460	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	190301	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	357798	20.00	ng	0.00
75) Chrysene-d12	13.84	240	209524	20.00	ng	0.00
86) Perylene-d12	15.24	264	213927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	252254	38.78	ng	0.00
7) Phenol-d6	6.34	99	214814	25.88	ng	-0.02
23) Nitrobenzene-d5	7.27	82	697807	102.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	169936	90.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1224425	97.04	ng	0.00
78) Terphenyl-d14	12.80	244	1065658	124.82	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27451	2.920	ng	91
49) Dimethylphthalate	9.46	163	86122	6.222	ng	99

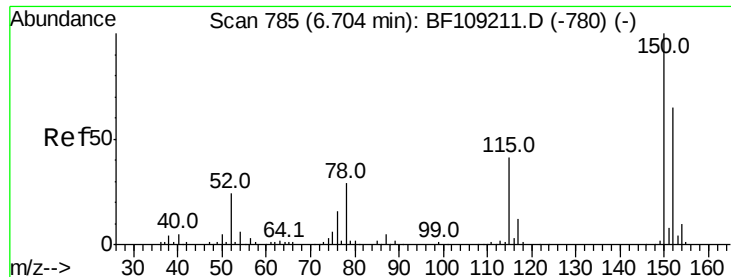
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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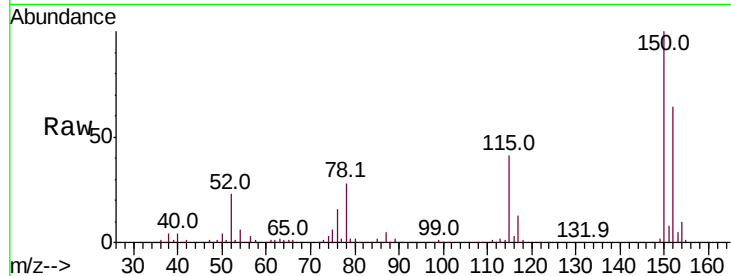


#1

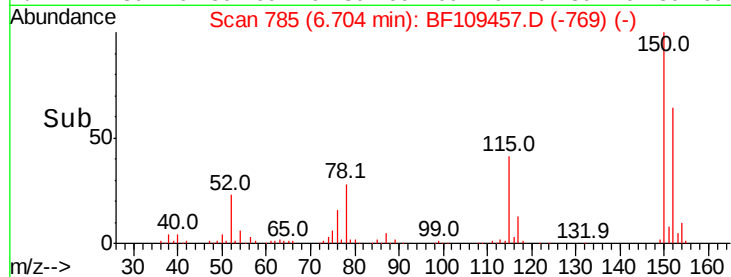
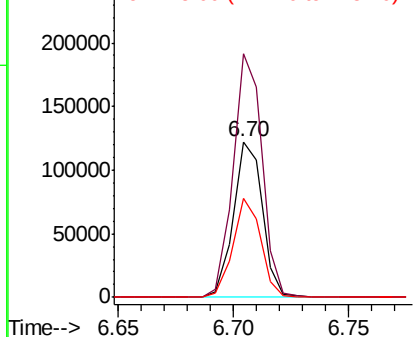
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-S

Tot Ion:152 Resp: 107142
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 63.6 50.1 75.1



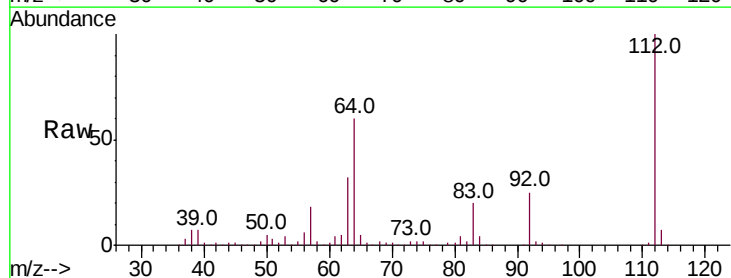
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



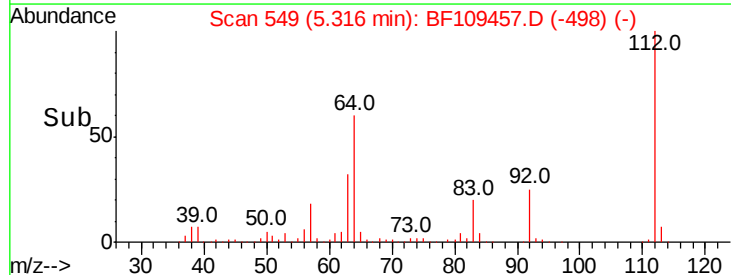
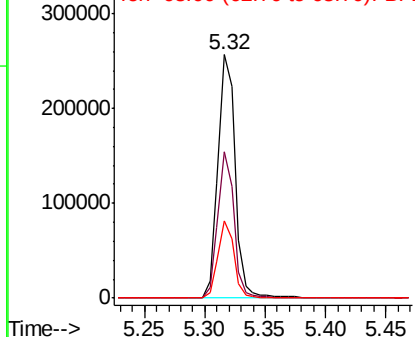
#5

2-Fluorophenol
Concen: 38.779 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Tgt Ion:112 Resp: 252254
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.6 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: 25.879 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-S

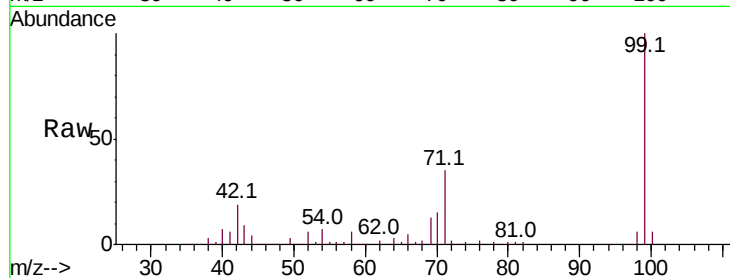
Tot Ion: 99 Resp: 214814

Ion Ratio Lower Upper

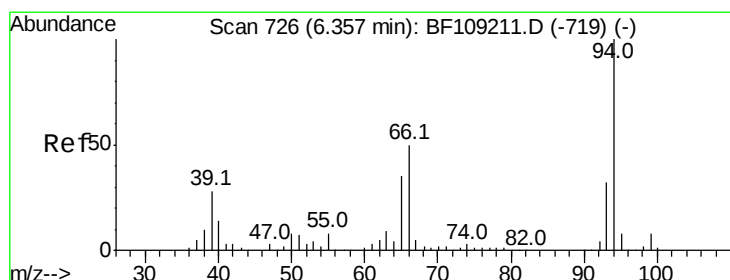
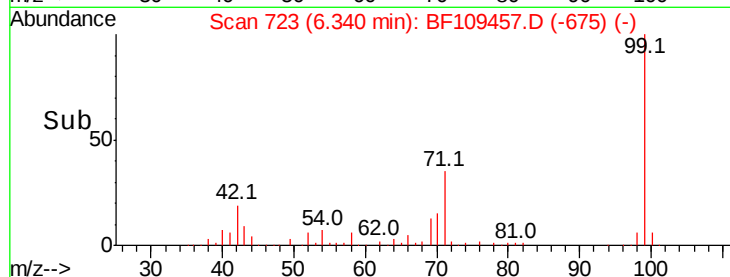
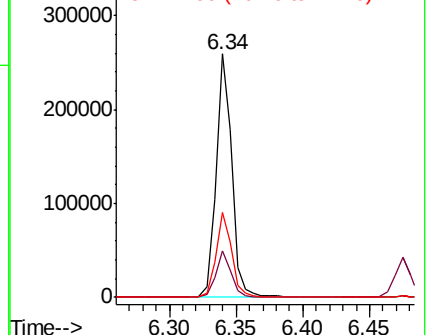
99 100

42 18.9 14.5 21.7

71 34.7 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: 2.920 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

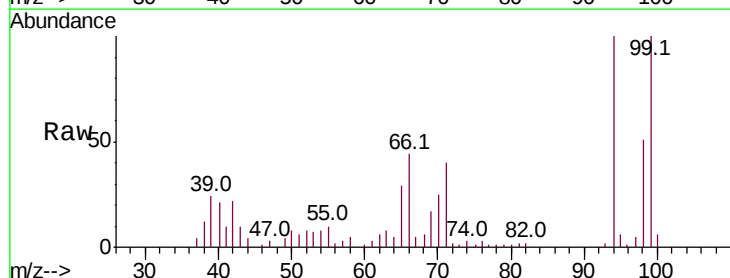
Tgt Ion: 94 Resp: 27451

Ion Ratio Lower Upper

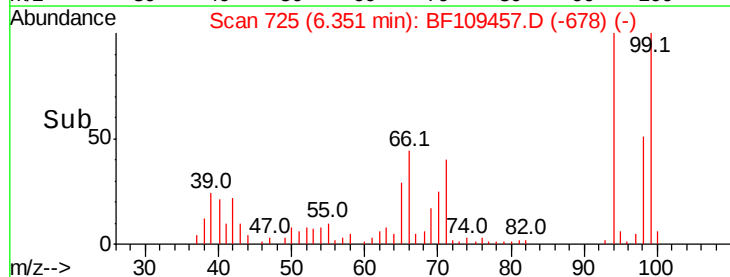
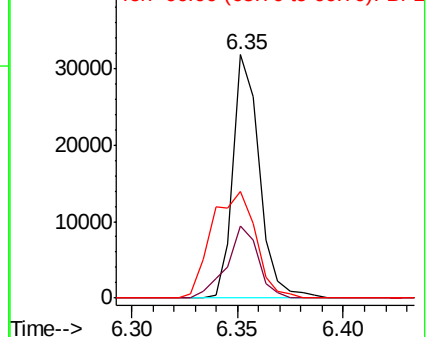
94 100

65 29.6 7.9 47.9

66 44.0 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-S

Tot Ion:136 Resp: 402460

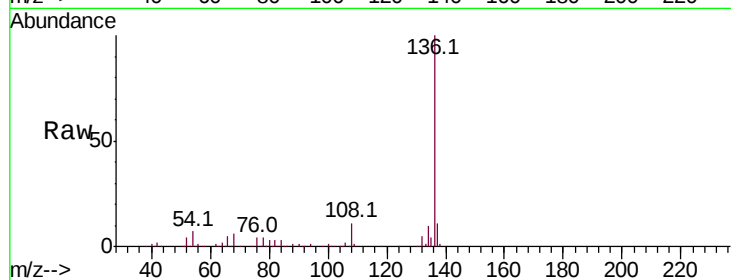
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4

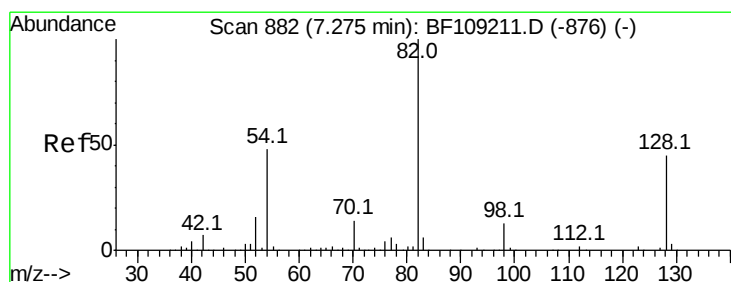
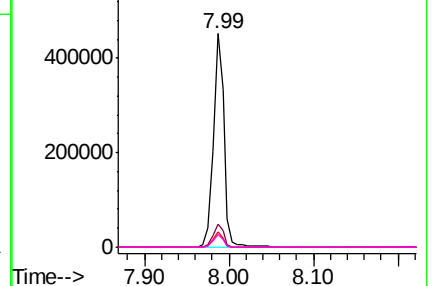
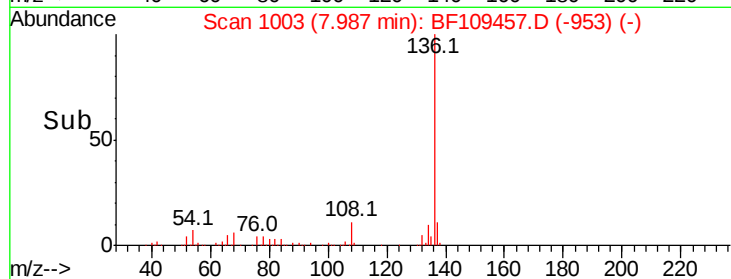


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.352 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

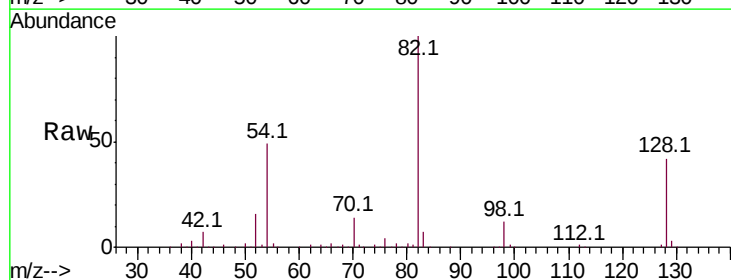
Tgt Ion: 82 Resp: 697807

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

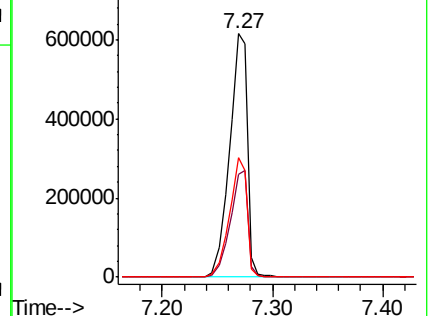
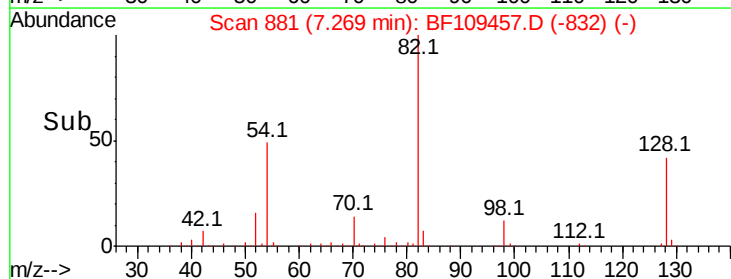
54 49.0 41.4 62.2

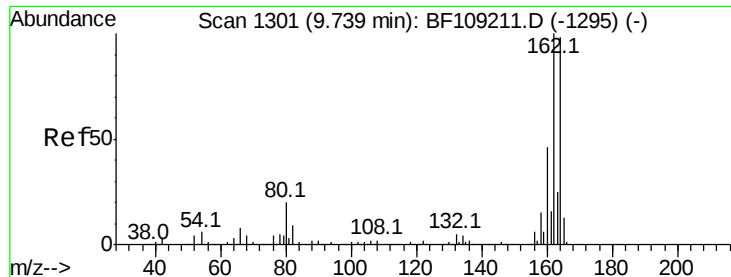


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-S

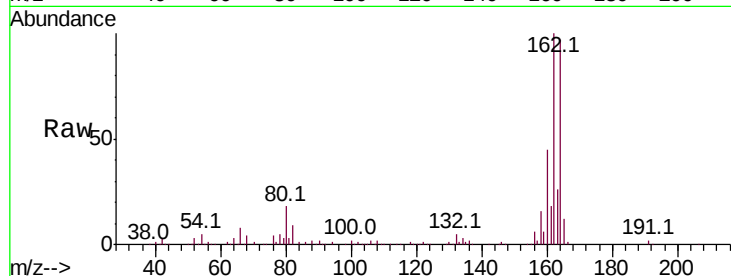
Tot Ion:164 Resp: 190301

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

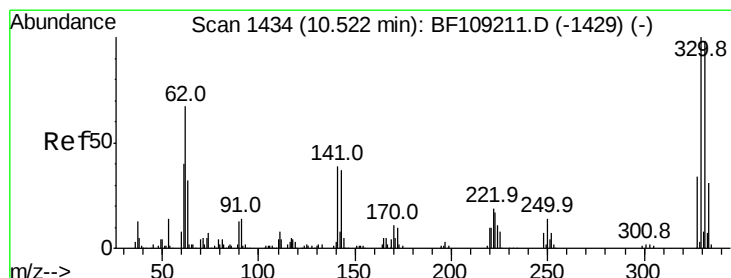
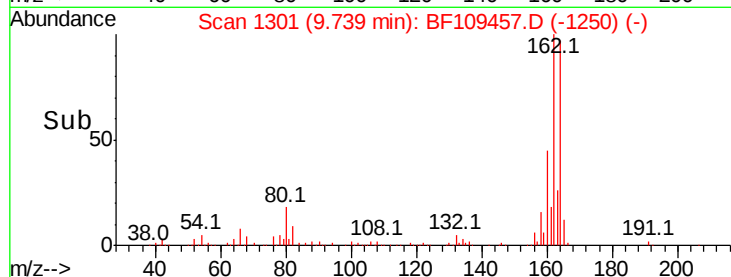
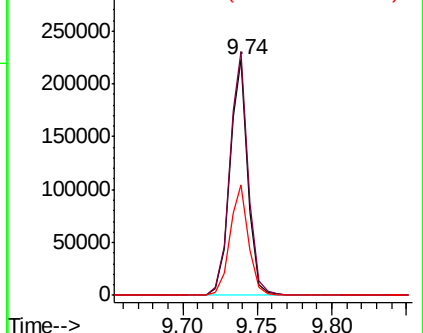
160 47.0 38.3 57.5



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: 90.586 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

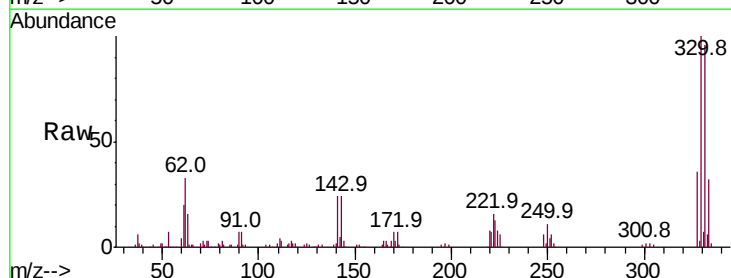
Tgt Ion:330 Resp: 169936

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

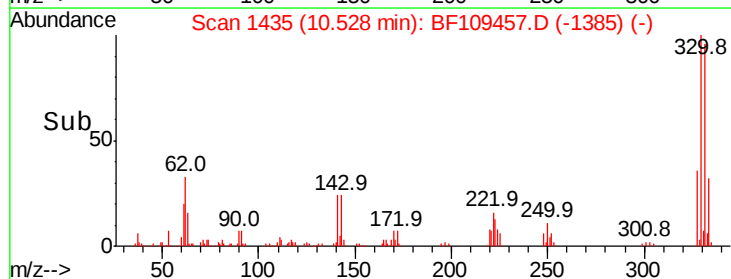
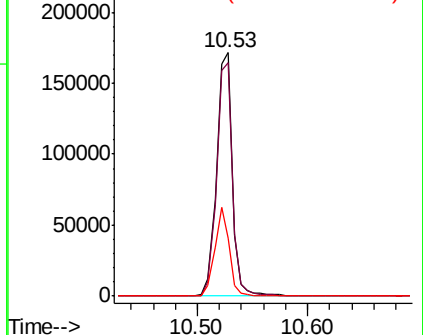
141 32.9 29.9 44.9

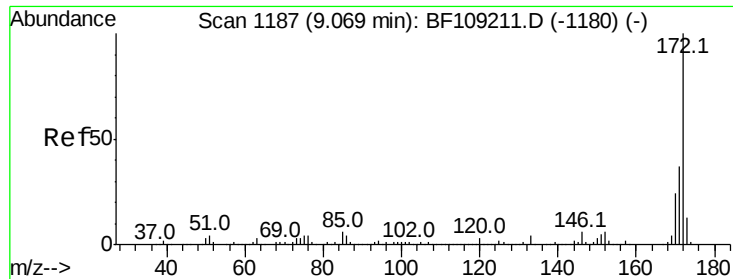


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

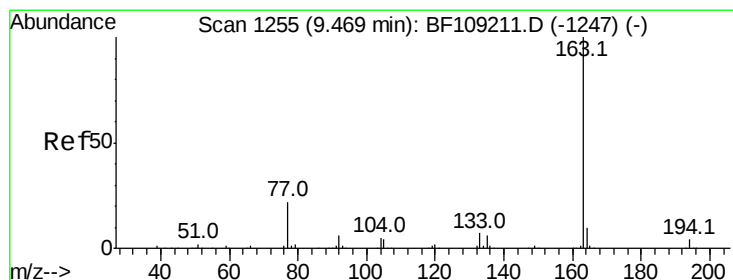
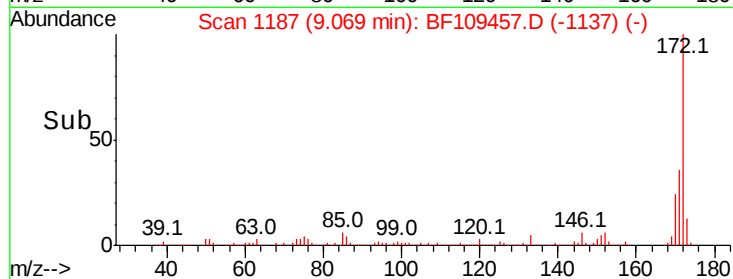
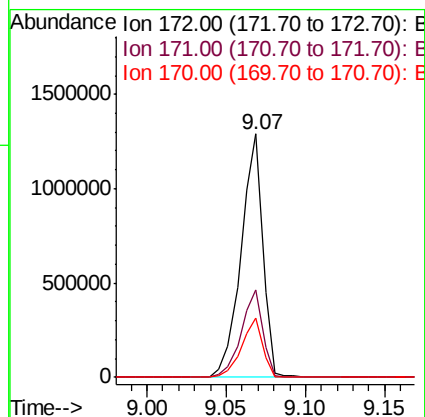
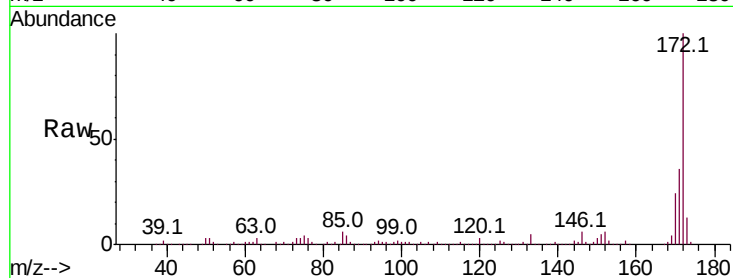




#44
2-Fluorobiphenyl
Concen: 97.039 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

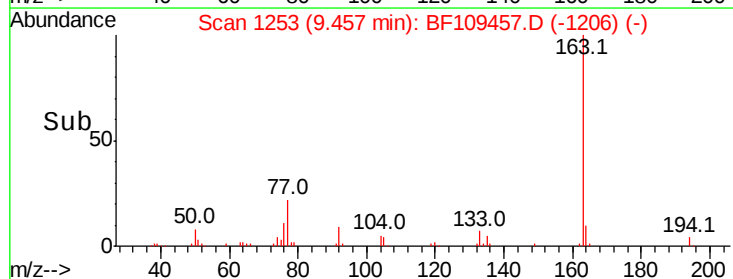
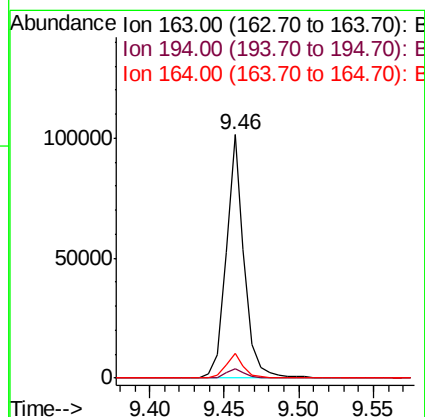
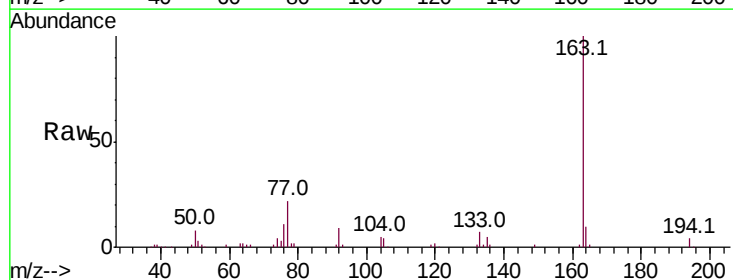
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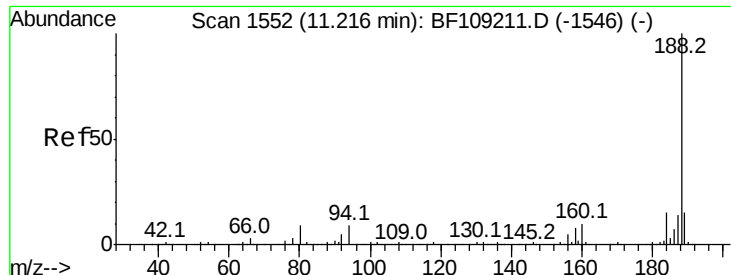
Tot Ion:172 Resp: 1224425
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 6.222 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Tgt Ion:163 Resp: 86122
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

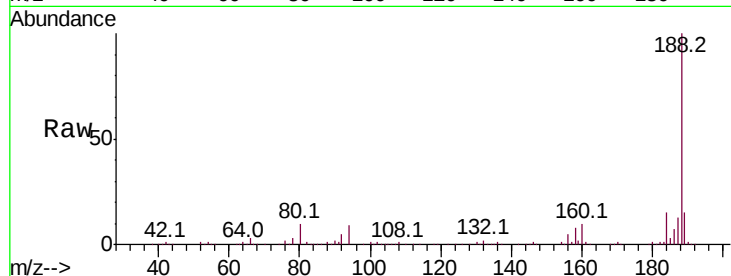




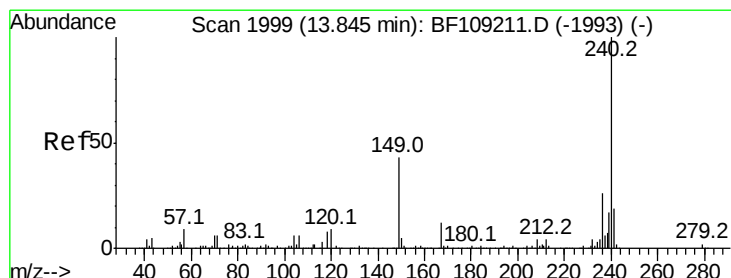
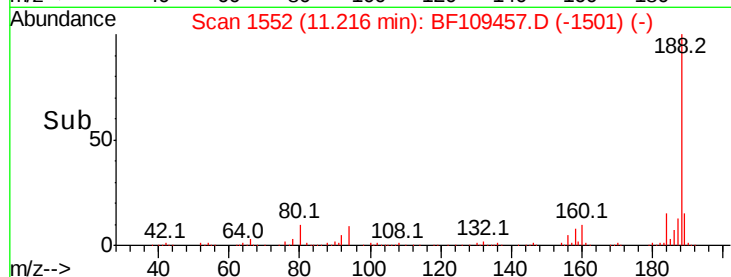
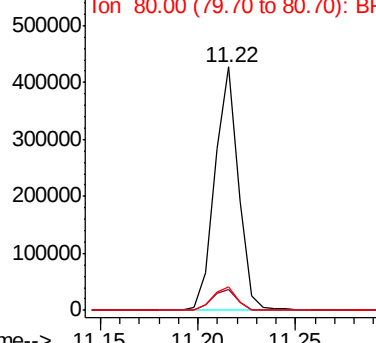
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8

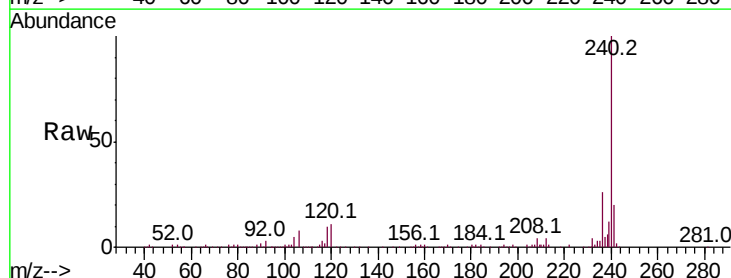


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

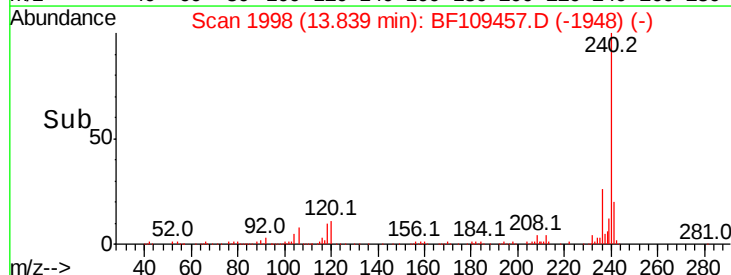
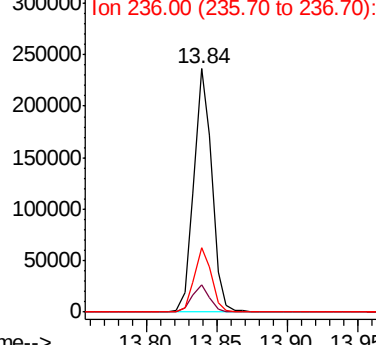


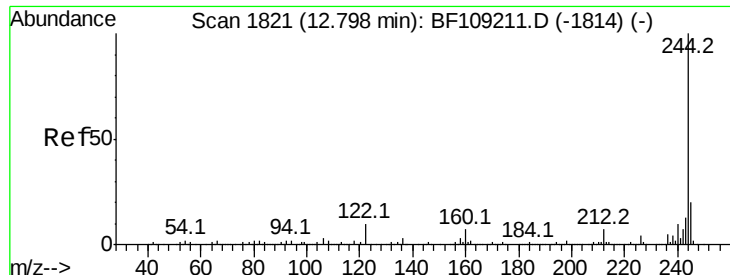
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	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: 124.821 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

Instrument :

BNA_F

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092618-DBRI-F-U-S

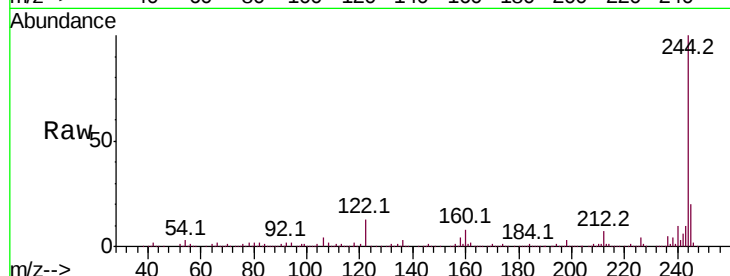
Tot Ion:244 Resp: 1065658

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

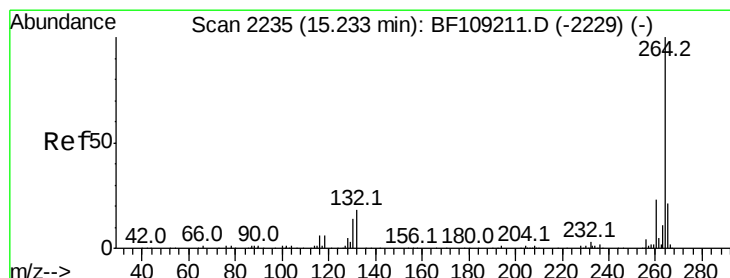
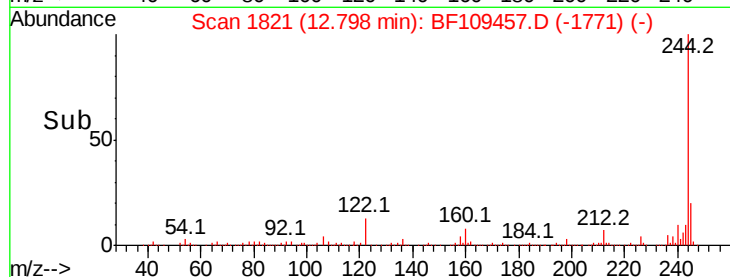
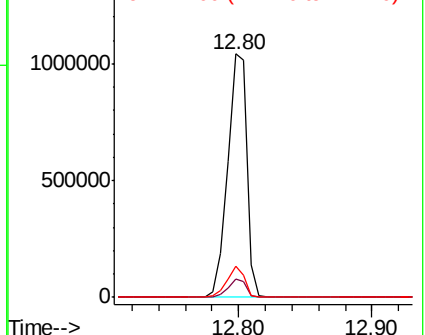
122 12.6 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

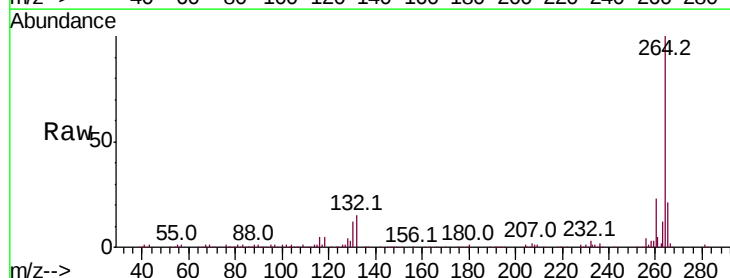
Tgt Ion:264 Resp: 213927

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 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

