

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109459.D
 Acq On : 29 Sep 2018 5:07
 Operator : JU/SJ
 Sample : J5133-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-D-S

Quant Time: Oct 01 03:51:35 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

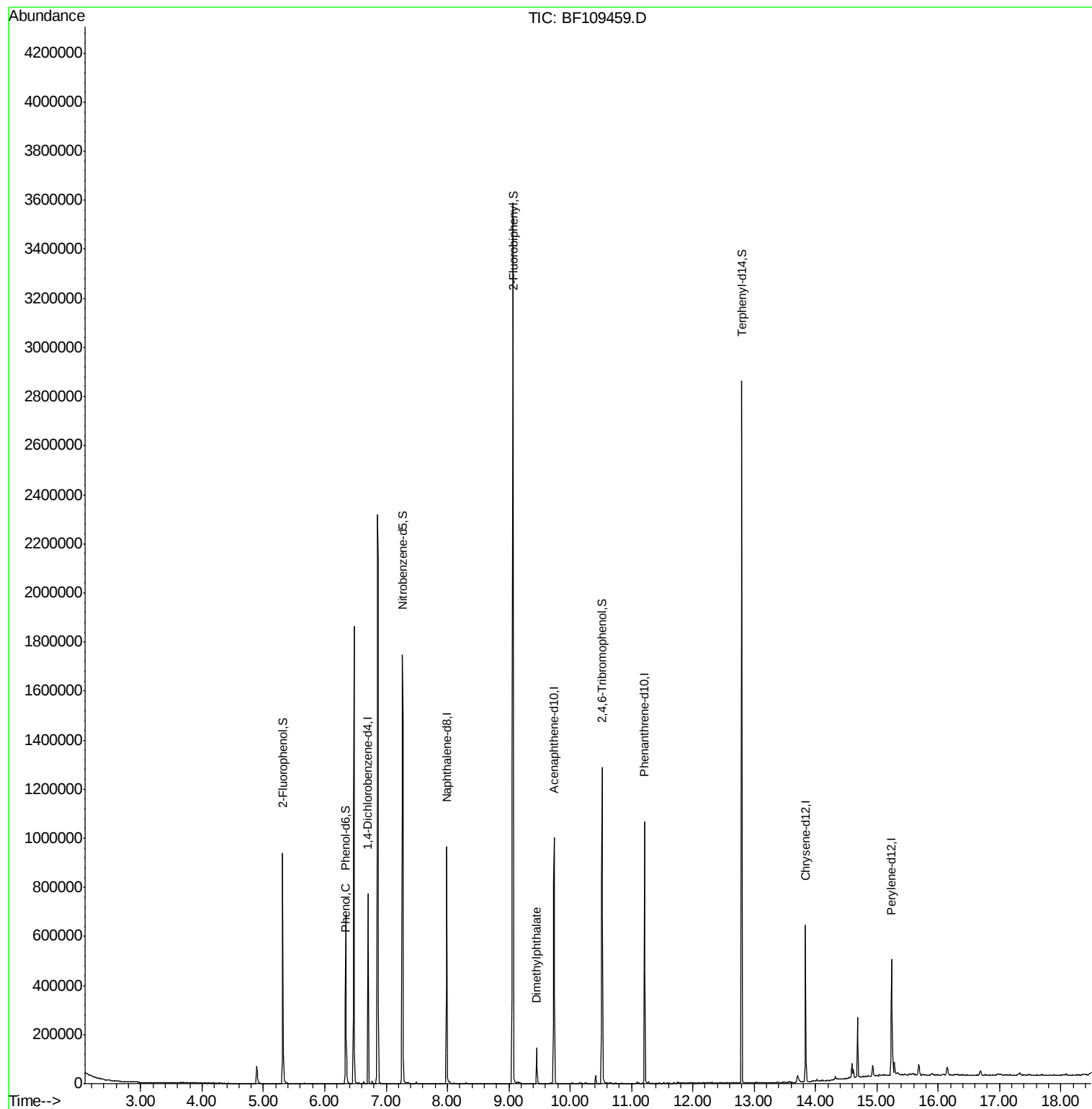
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111912	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	407005	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193225	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	354228	20.00	ng	0.00
75) Chrysene-d12	13.84	240	208436	20.00	ng	0.00
86) Perylene-d12	15.24	264	215481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	251049	36.95	ng	0.00
7) Phenol-d6	6.34	99	202690	23.38	ng	-0.02
23) Nitrobenzene-d5	7.27	82	653259	94.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	146604	76.97	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1113372	86.90	ng	0.00
78) Terphenyl-d14	12.80	244	960000	113.03	ng	0.00
Target Compounds						
10) Phenol	6.35	94	25473	2.594	ng	92
49) Dimethylphthalate	9.46	163	60585	4.311	ng	98

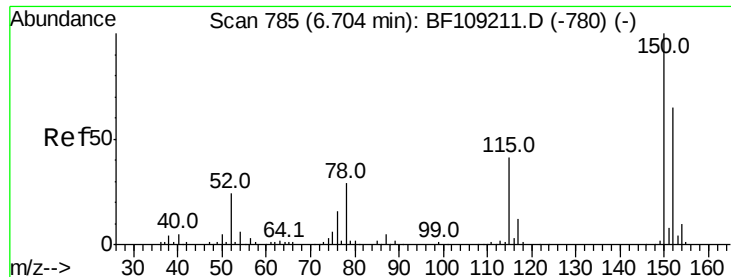
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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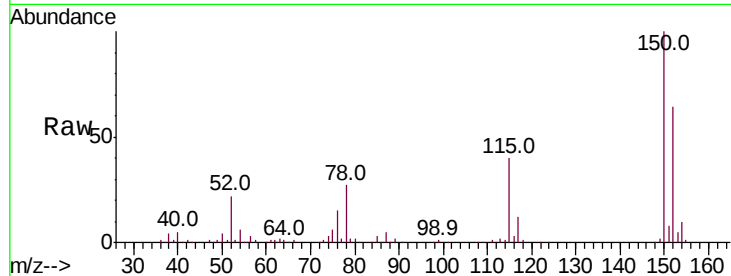


#1

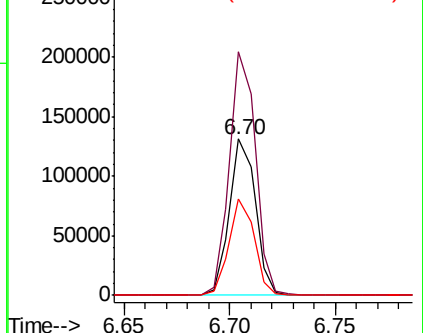
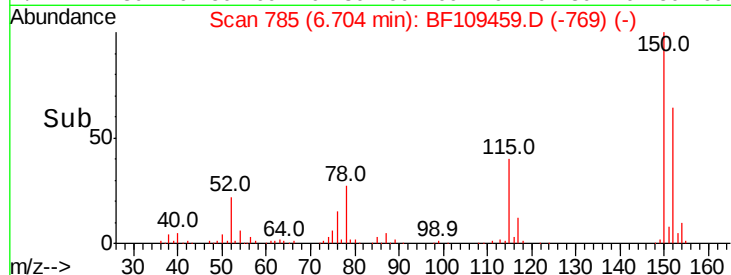
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Instrument :
BNA_F
ClientSampleId :
092618-TIPC-F-D-S

Tot Ion:152 Resp: 111912
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.0 50.1 75.1



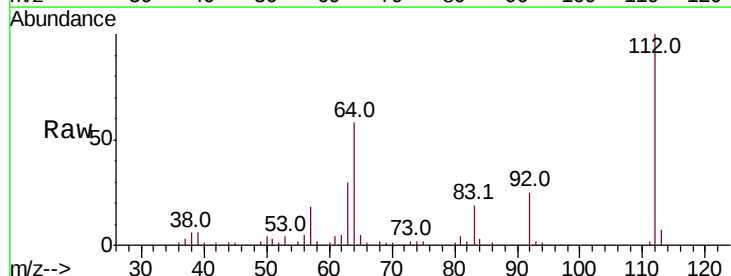
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



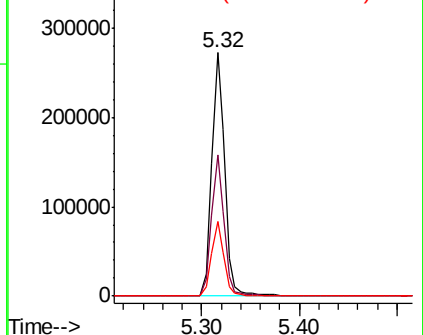
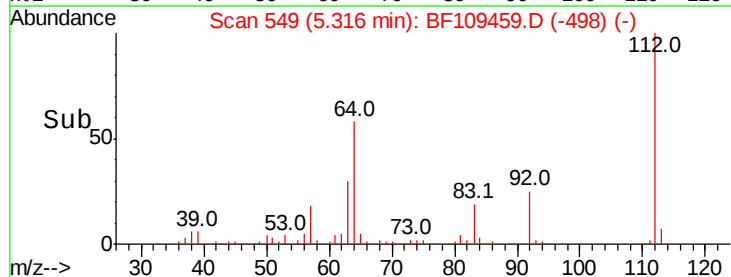
#5

2-Fluorophenol
Concen: 36.948 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Tgt Ion:112 Resp: 251049
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.5 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: 23.378 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-S

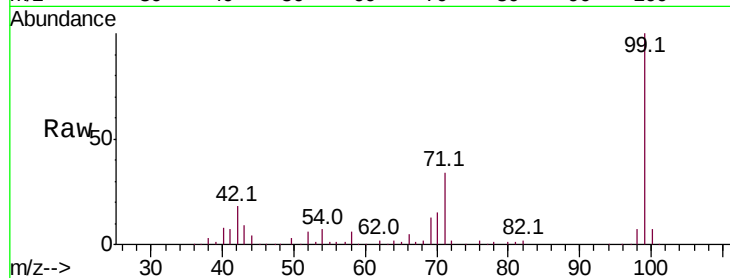
Tot Ion: 99 Resp: 202690

Ion Ratio Lower Upper

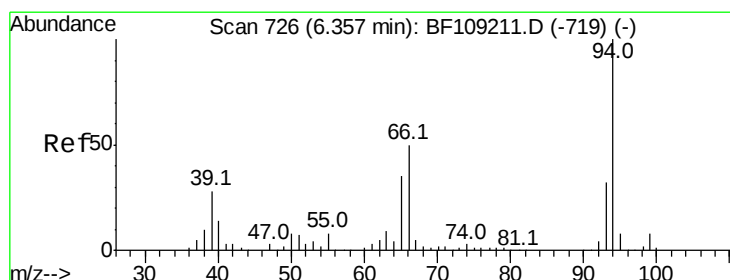
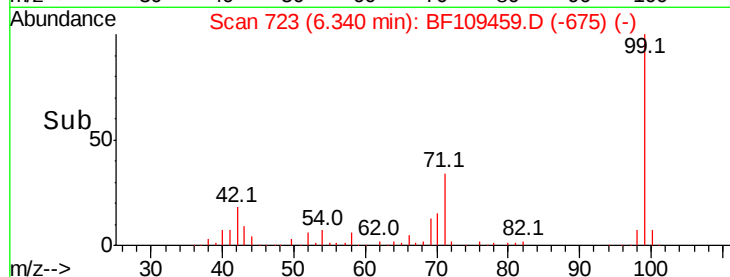
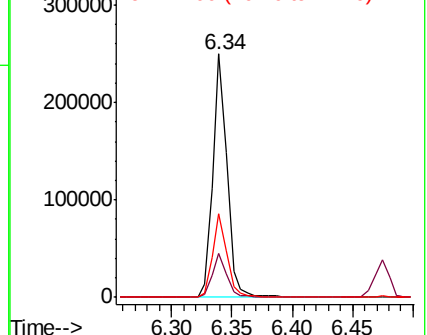
99 100

42 18.2 14.5 21.7

71 34.5 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



#10

Phenol

Concen: 2.594 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

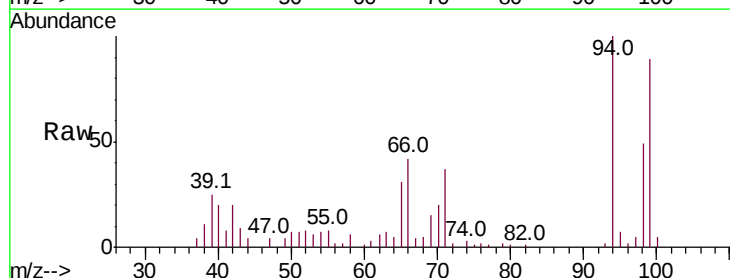
Tgt Ion: 94 Resp: 25473

Ion Ratio Lower Upper

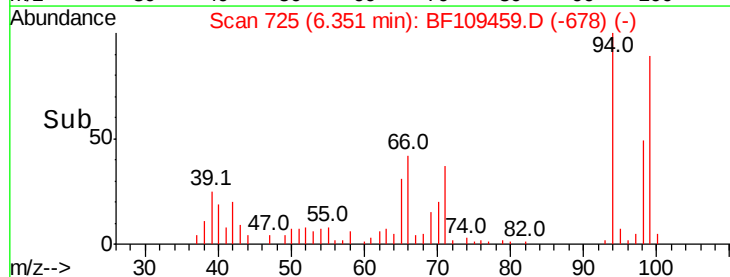
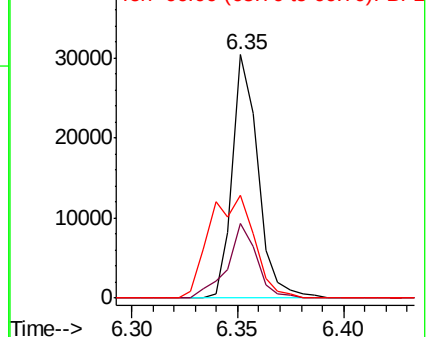
94 100

65 30.5 7.9 47.9

66 42.1 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: BF109459.D

Acq: 29 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-S

Tot Ion:136 Resp: 407005

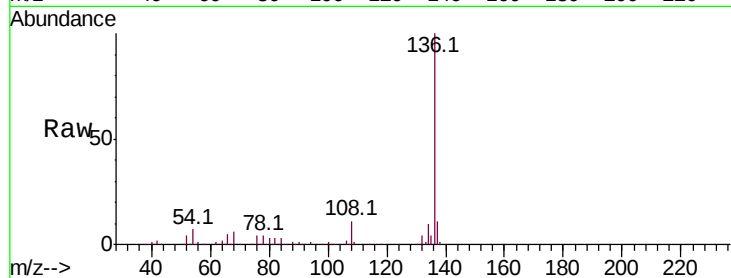
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.6 5.0 7.4

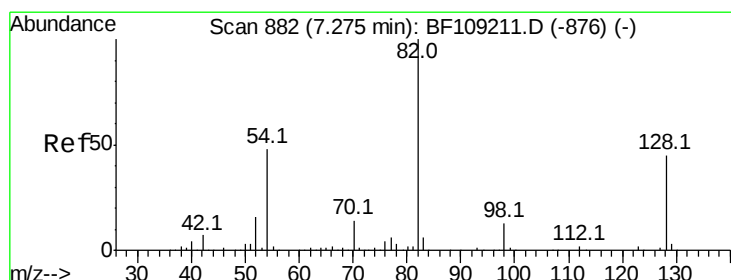
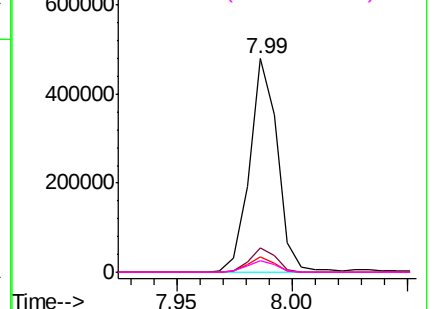
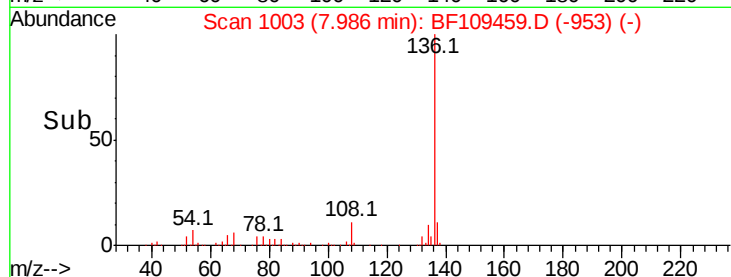


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.748 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

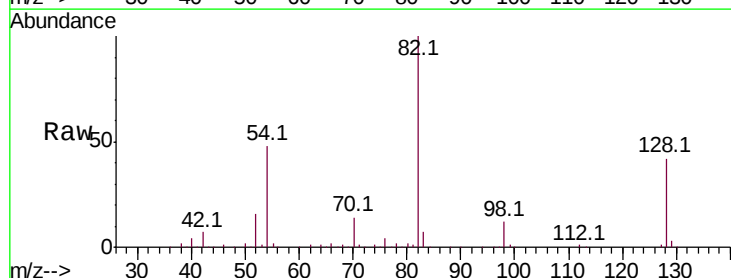
Tgt Ion: 82 Resp: 653259

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

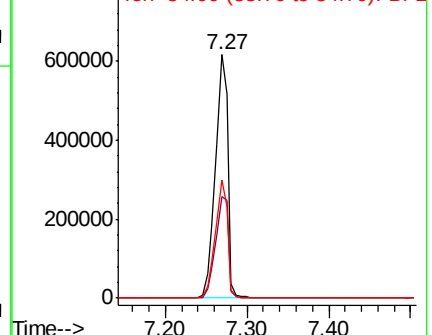
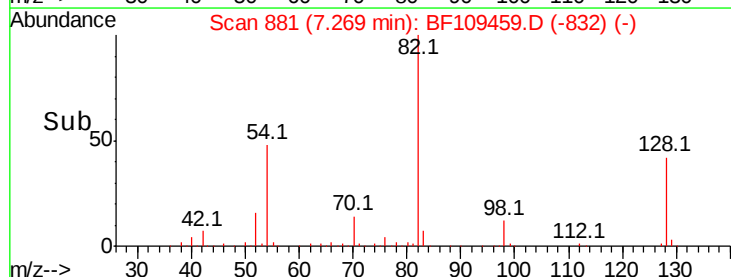
54 48.5 41.4 62.2

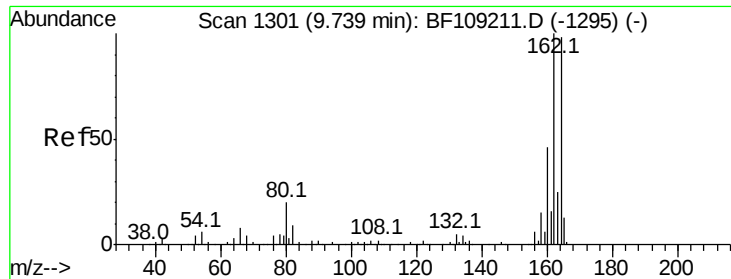


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

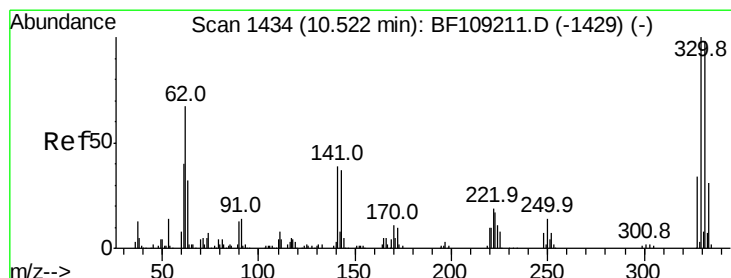
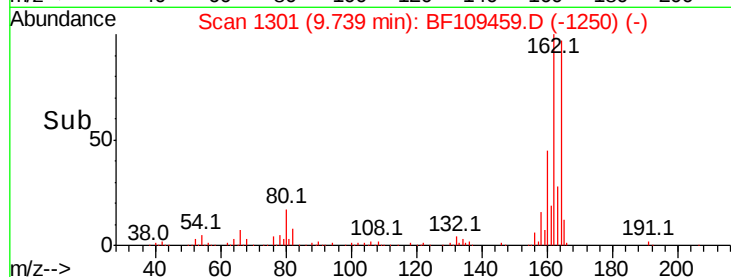
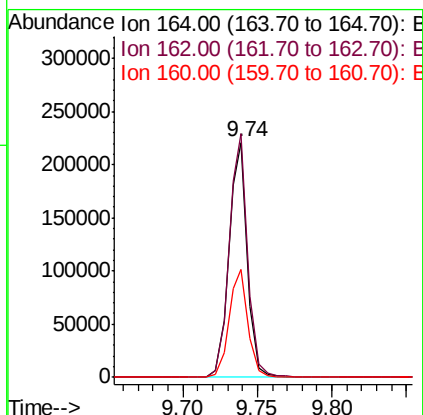
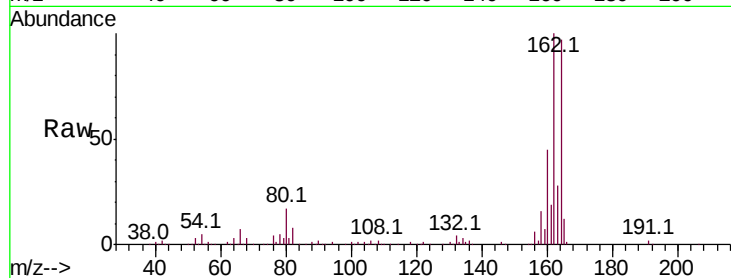




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

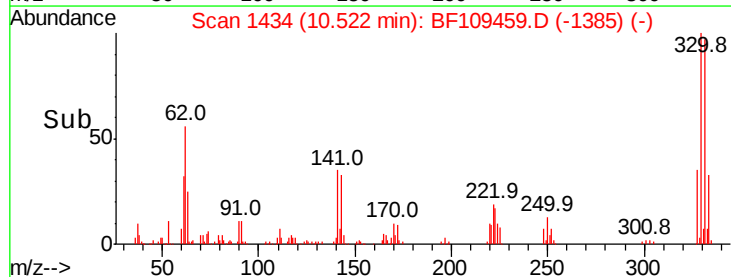
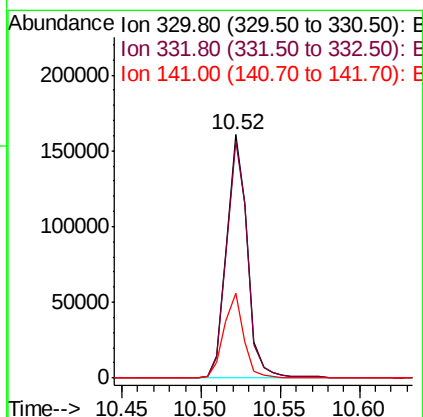
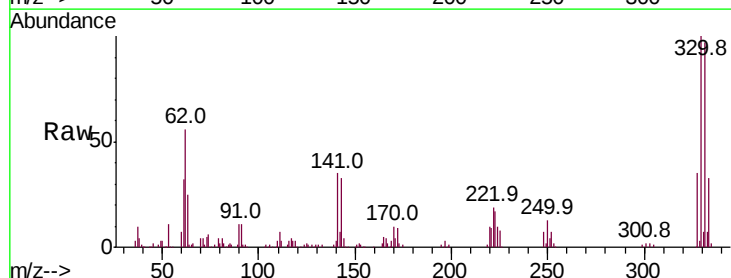
Instrument :
BNA_F
ClientSampleId :
092618-TIPC-F-D-S

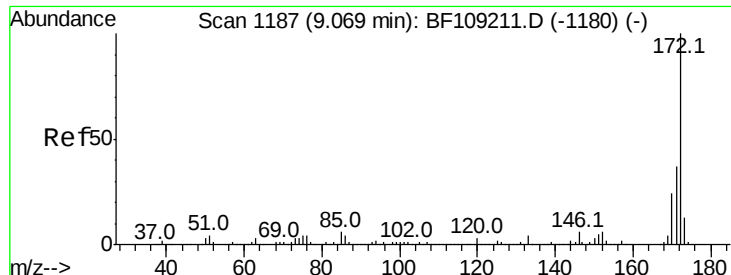
Tot Ion:164 Resp: 193225
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 76.966 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Tgt Ion:330 Resp: 146604
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 33.4 29.9 44.9

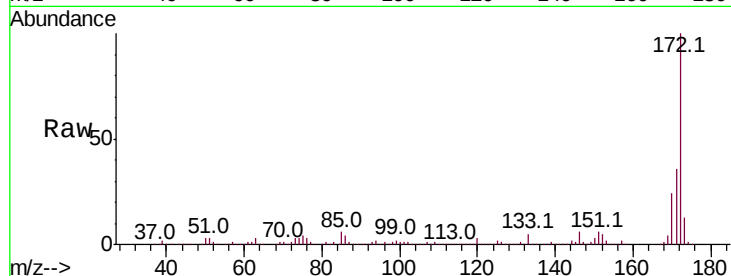




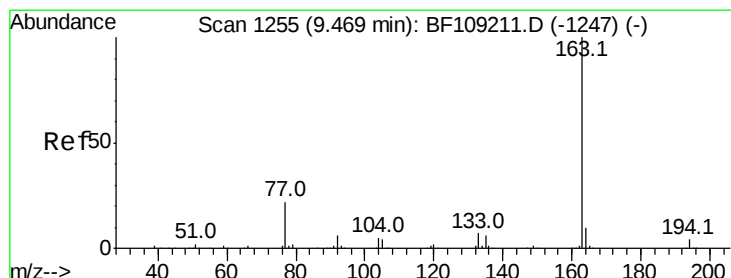
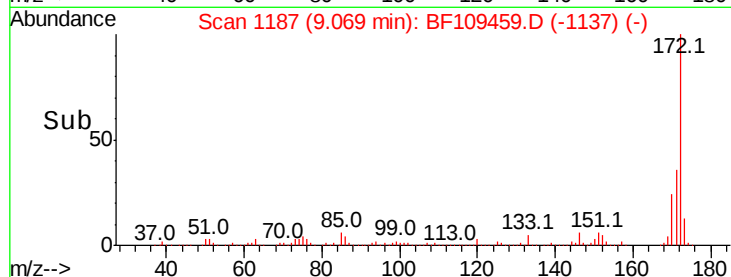
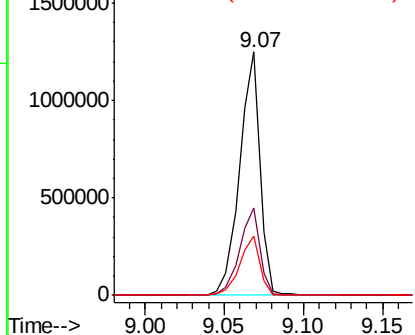
#44
2-Fluorobiphenyl
Concen: 86.903 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Instrument :
BNA_F
ClientSampleId :
092618-TIPC-F-D-S

Tot Ion:172 Resp: 1113372
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 19.6 29.4

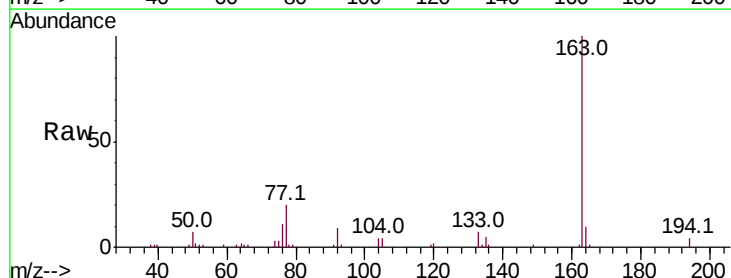


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

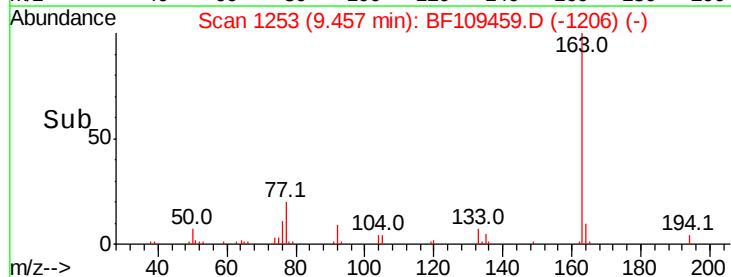
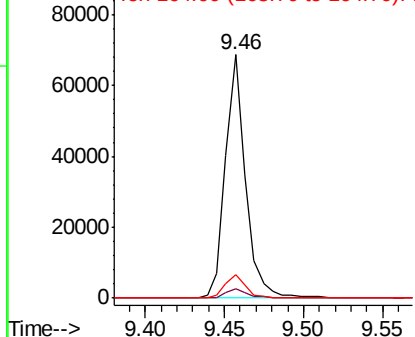


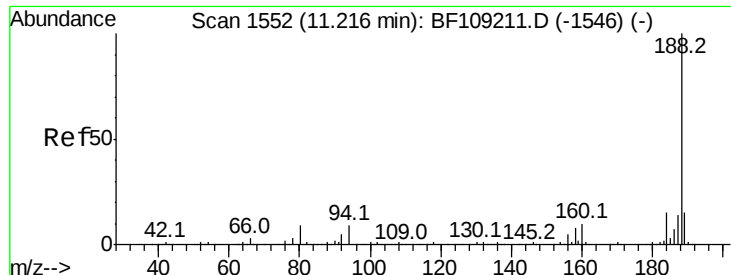
#49
Dimethylphthalate
Concen: 4.311 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Tgt Ion:163 Resp: 60585
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-S

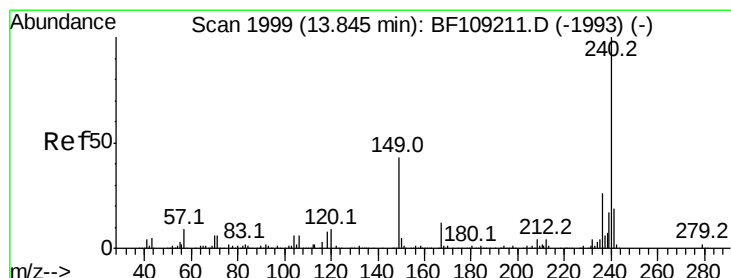
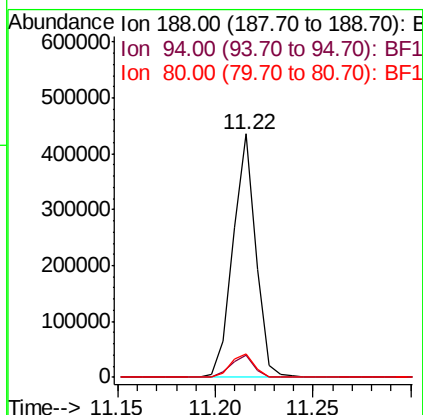
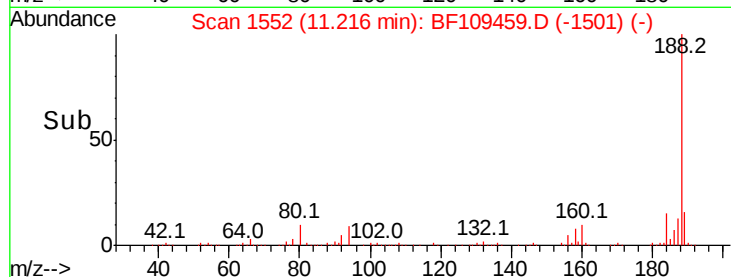
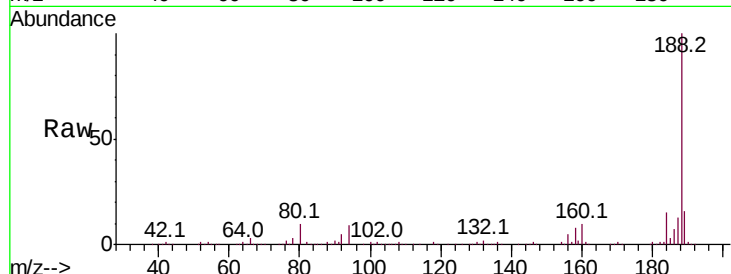
Tot Ion:188 Resp: 354228

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

80 9.7 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

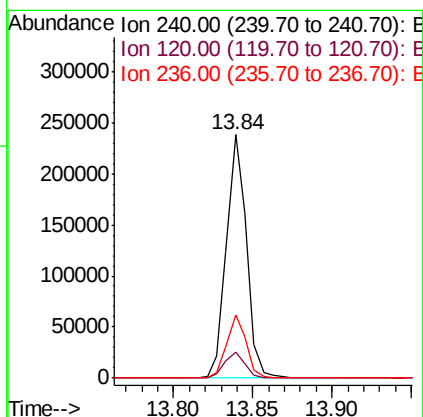
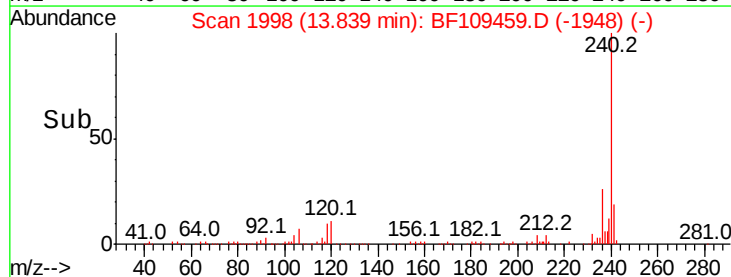
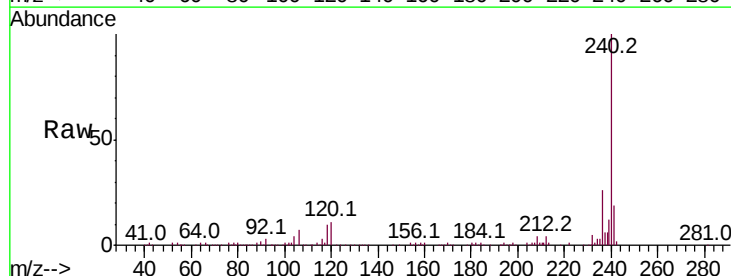
Tgt Ion:240 Resp: 208436

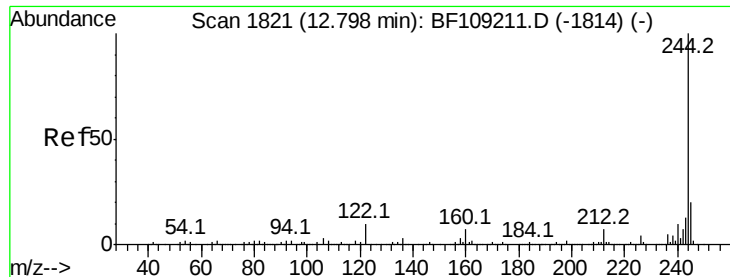
Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 113.032 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

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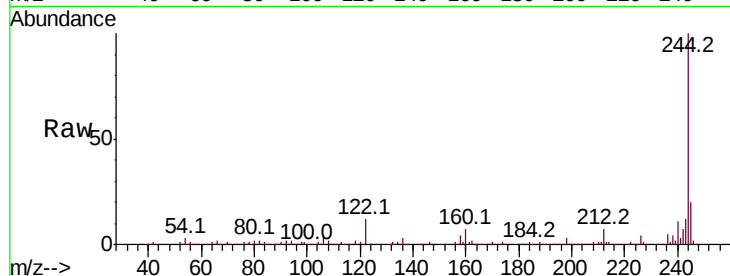
Tot Ion:244 Resp: 960000

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

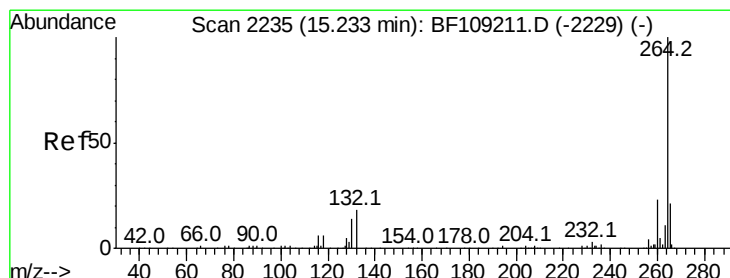
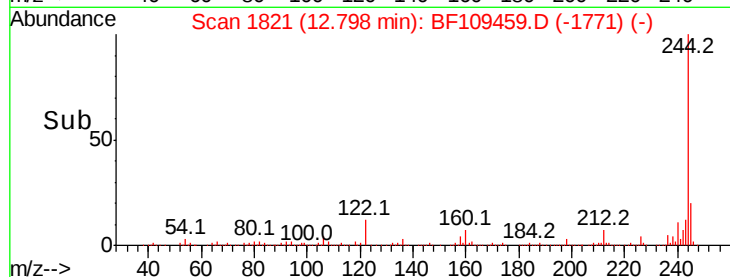
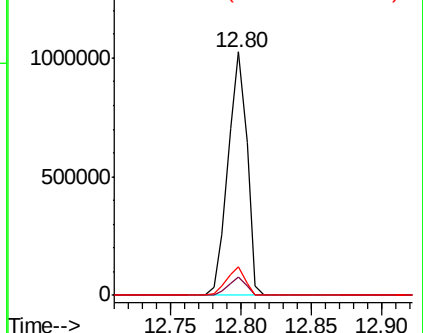
122 11.6 11.0 16.4



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: BF109459.D

Acq: 29 Sep 2018 5:07

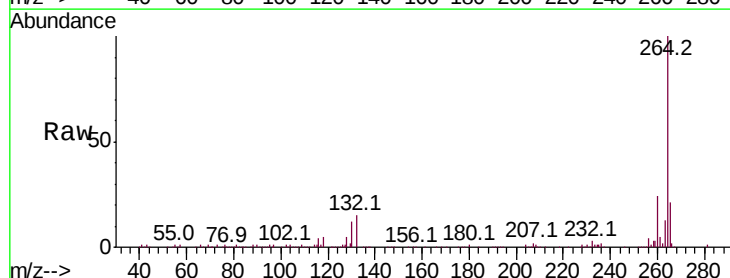
Tgt Ion:264 Resp: 215481

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

