

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109415.D
 Acq On : 28 Sep 2018 5:17
 Operator : JU/SJ
 Sample : J5076-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

Quant Time: Sep 28 07:29:00 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

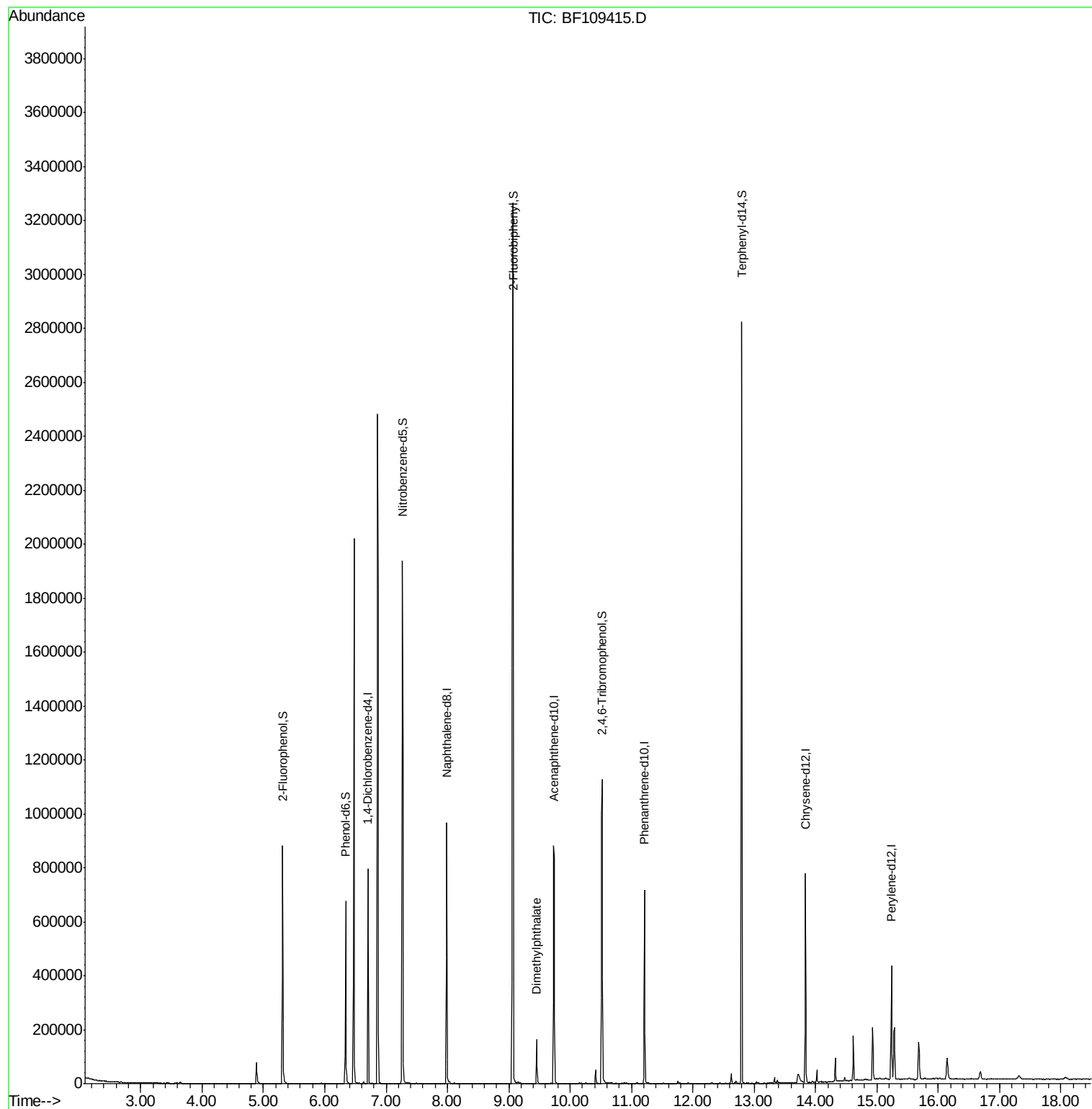
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106232	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	400422	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	175926	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	277626	20.00	ng	0.00
75) Chrysene-d12	13.84	240	253433	20.00	ng	0.00
86) Perylene-d12	15.24	264	187319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	252966	39.22	ng	0.00
7) Phenol-d6	6.34	99	204862	24.89	ng	-0.02
23) Nitrobenzene-d5	7.27	82	671174	98.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	141637	81.67	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1110460	95.20	ng	0.00
78) Terphenyl-d14	12.80	244	942935	91.31	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	72974	5.703	ng	98

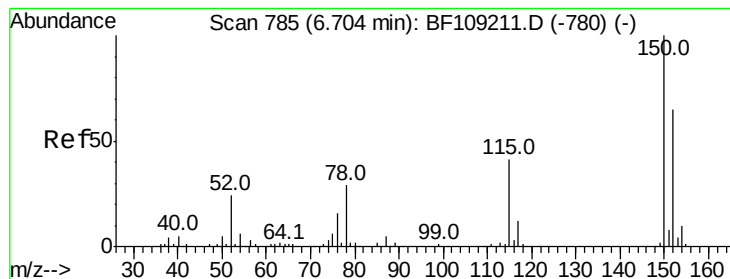
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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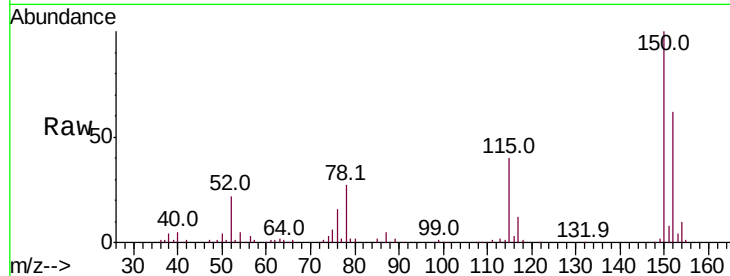


#1

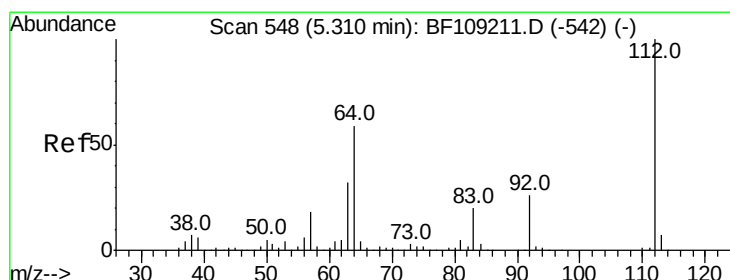
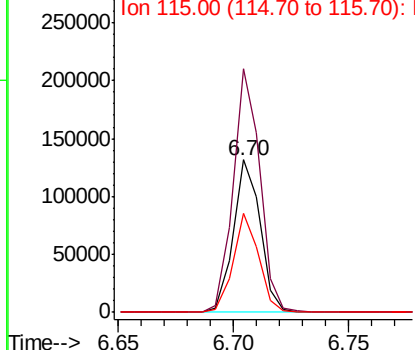
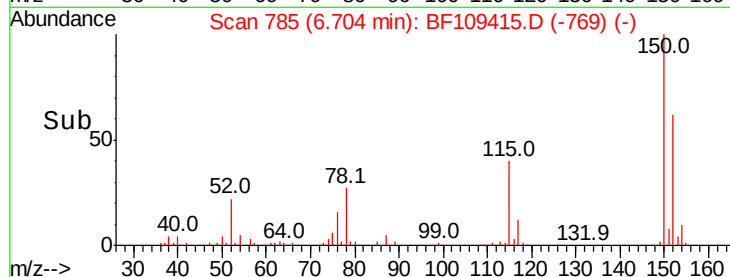
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-D-S

Tot Ion:152 Resp: 106232
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 64.7 50.1 75.1



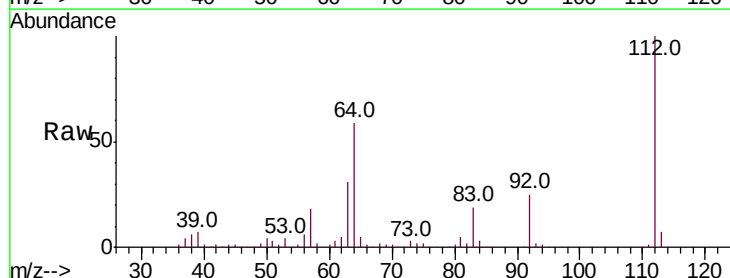
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



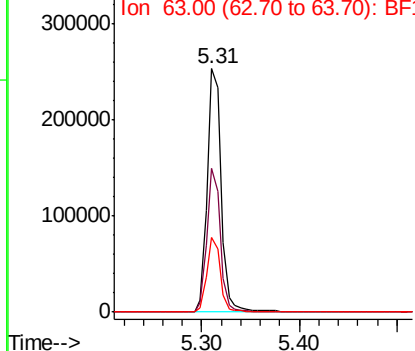
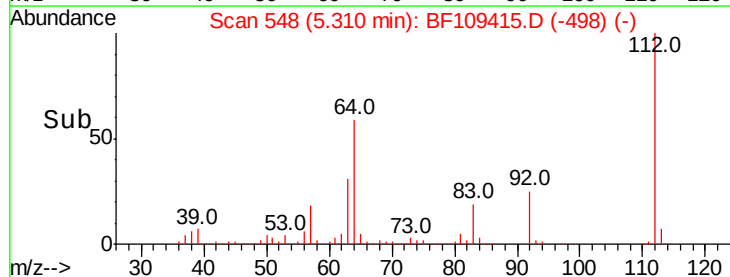
#5

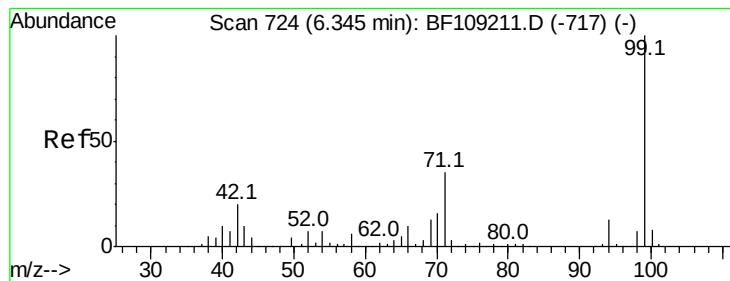
2-Fluorophenol
Concen: 39.221 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Tgt Ion:112 Resp: 252966
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.7 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: 24.892 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-S

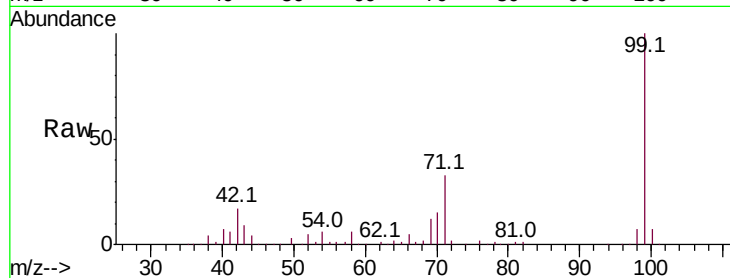
Tot Ion: 99 Resp: 204862

Ion Ratio Lower Upper

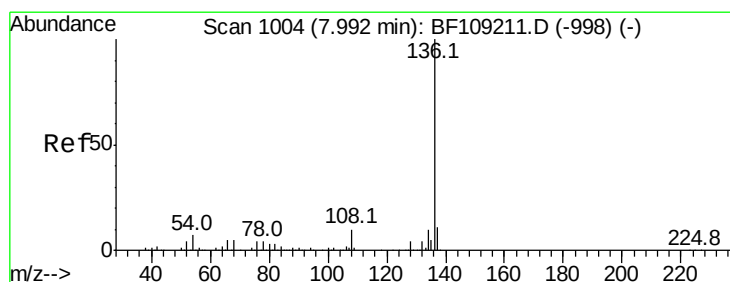
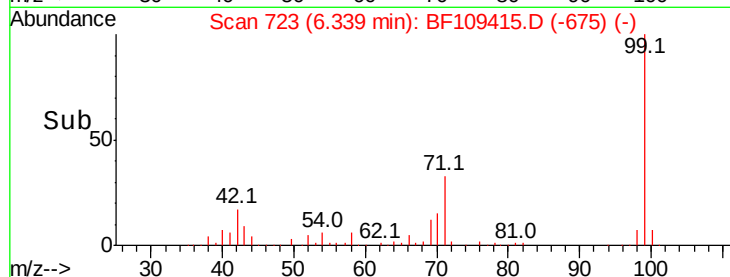
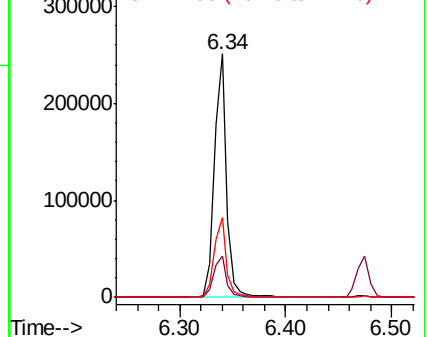
99 100

42 17.1 14.5 21.7

71 33.0 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

Tgt Ion: 136 Resp: 400422

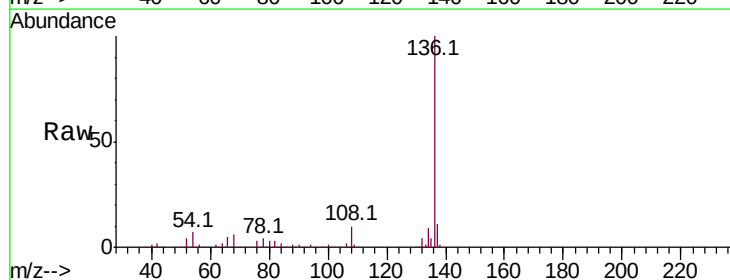
Ion Ratio Lower Upper

136 100

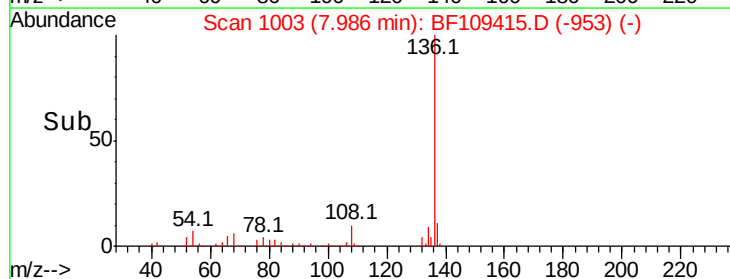
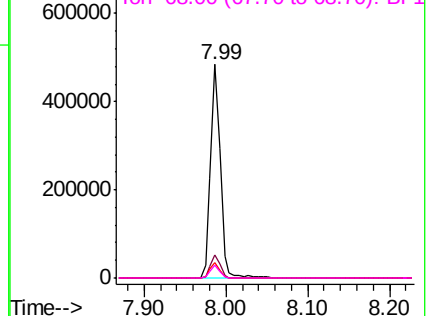
137 11.1 8.9 13.3

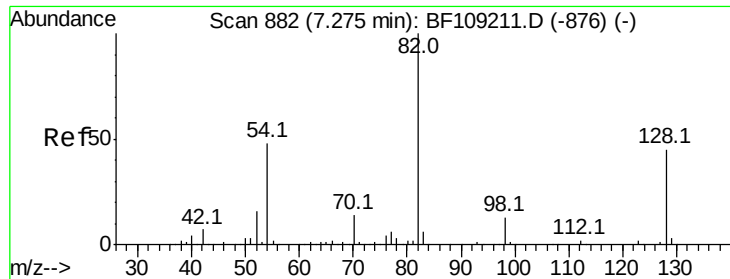
54 7.3 6.6 9.8

68 6.2 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

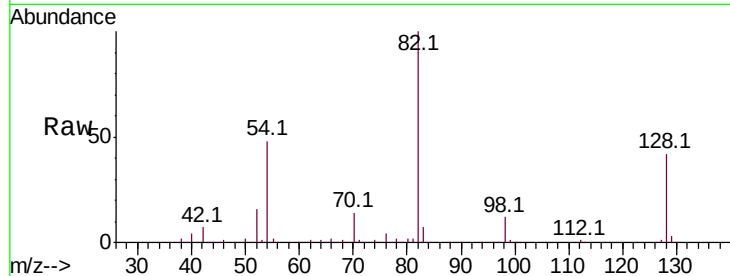




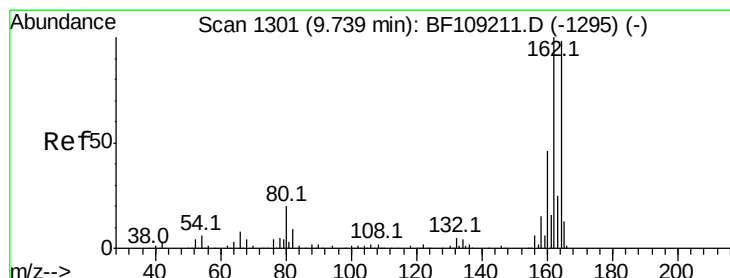
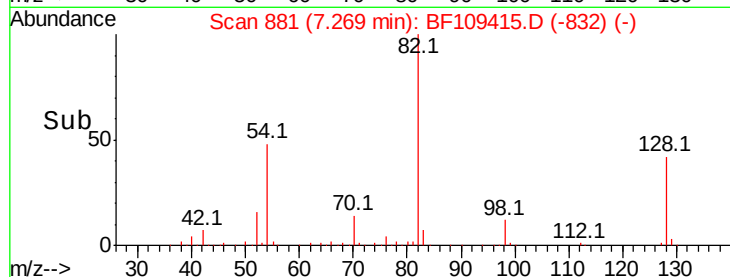
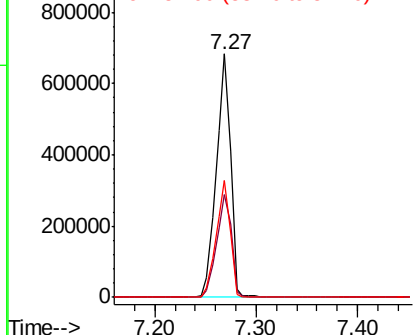
#23
 Nitrobenzene-d5
 Concen: 98.947 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

Tot Ion: 82 Resp: 671174
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 47.9 41.4 62.2

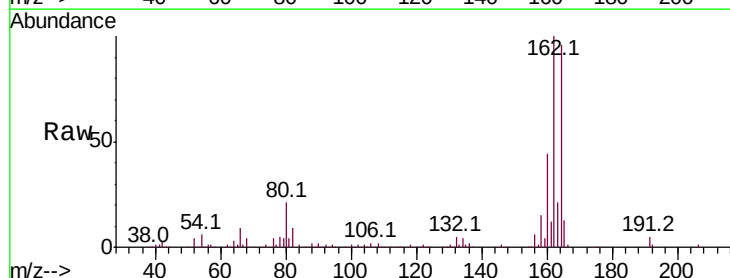


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

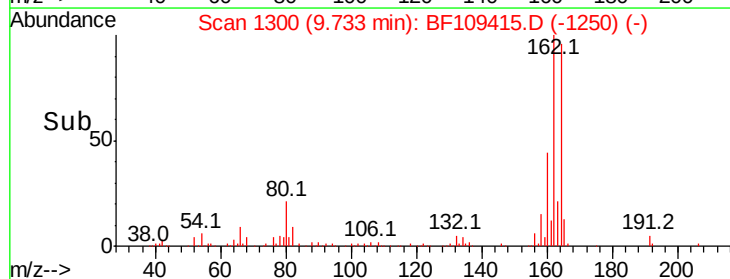
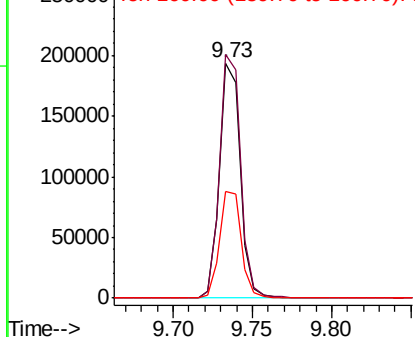


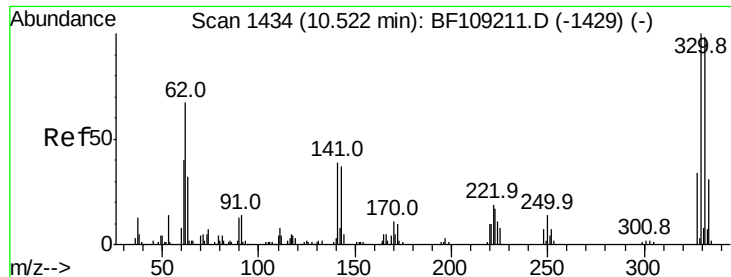
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Tgt Ion:164 Resp: 175926
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

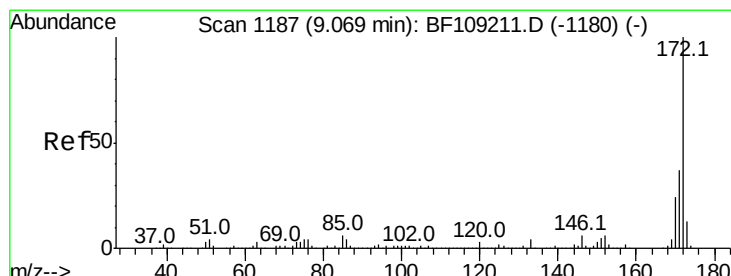
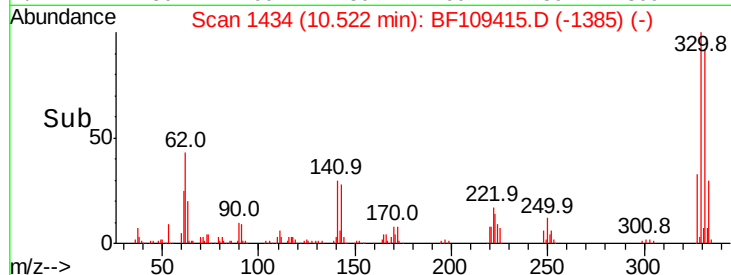
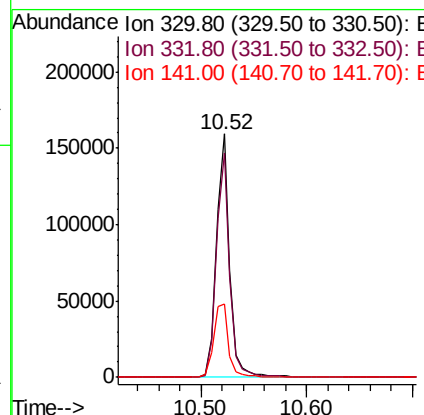
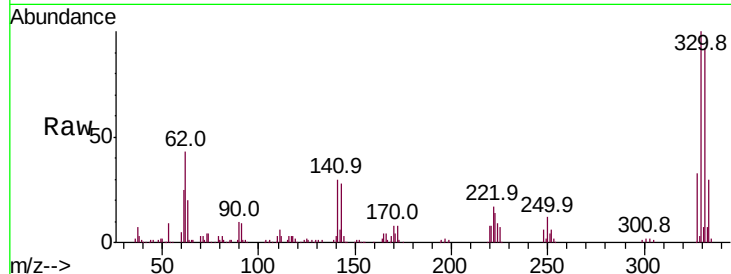




#41
 2,4,6-Tribromophenol
 Concen: 81.670 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

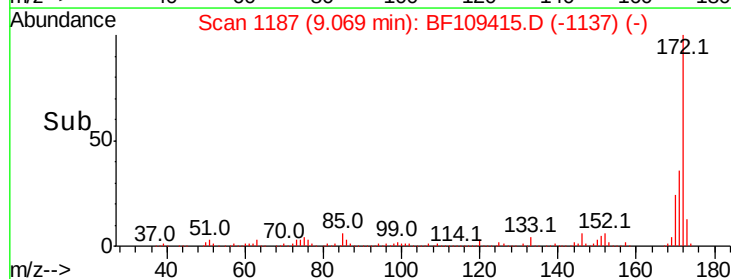
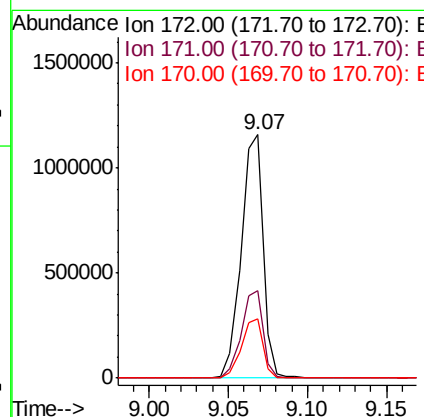
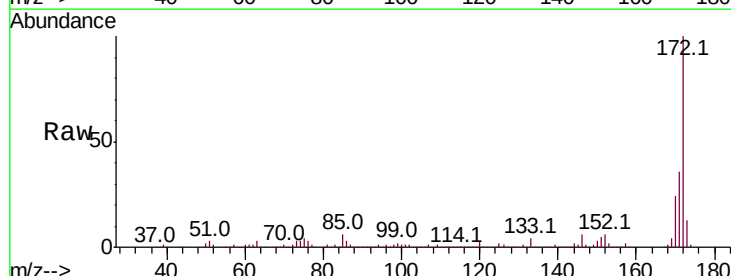
Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

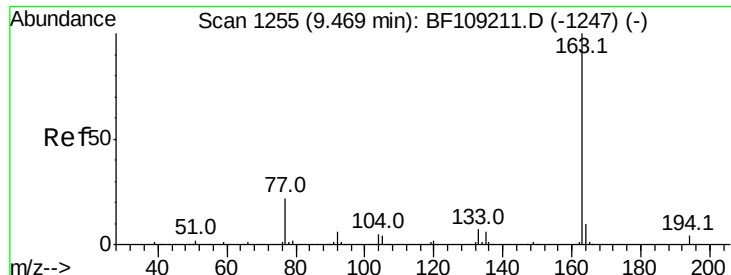
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 95.198 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4





#49

Dimethylphthalate

Concen: 5.703 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-S

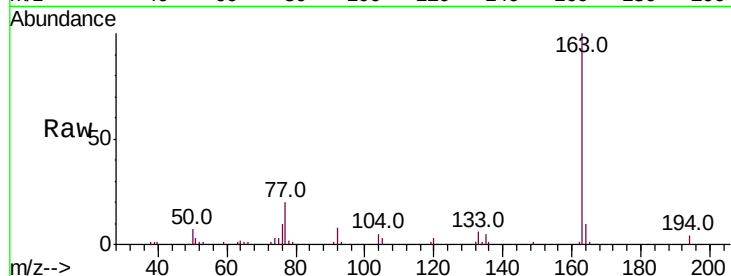
Tot Ion:163 Resp: 72974

Ion Ratio Lower Upper

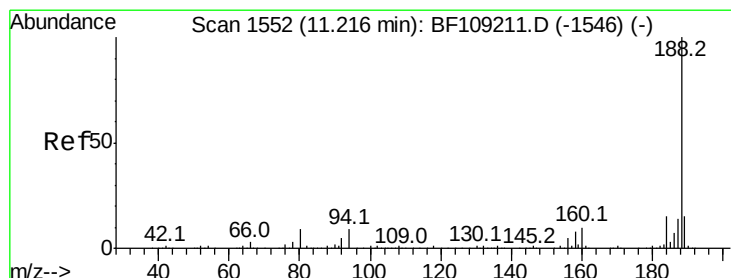
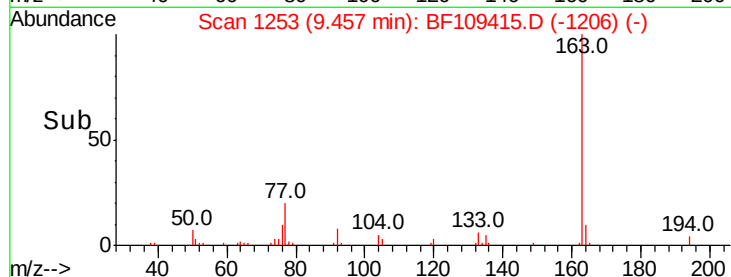
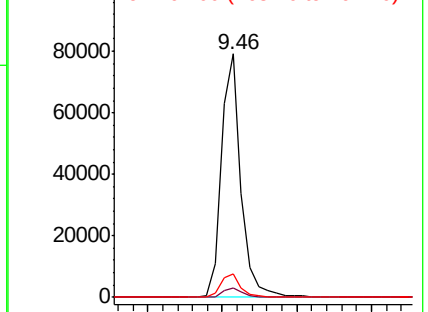
163 100

194 3.8 2.7 4.1

164 9.6 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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

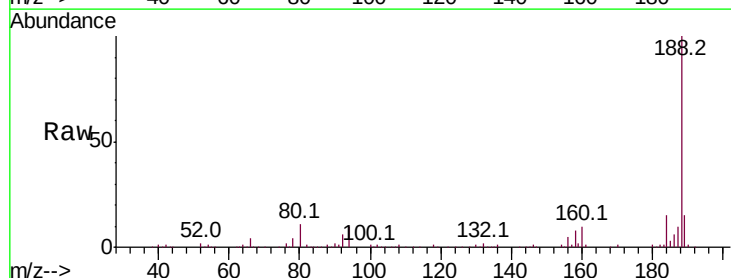
Tgt Ion:188 Resp: 277626

Ion Ratio Lower Upper

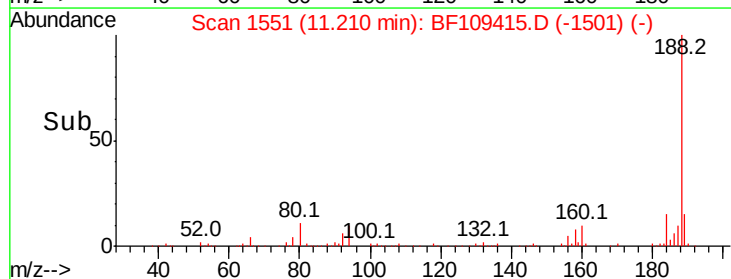
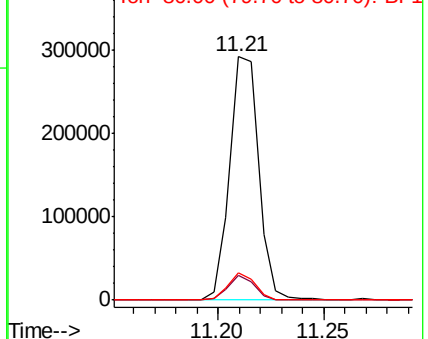
188 100

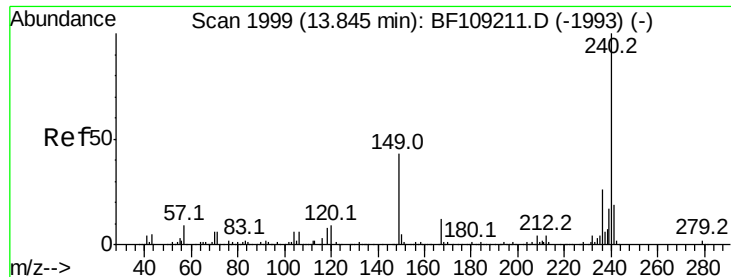
94 10.2 8.5 12.7

80 11.1 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: BF109415.D

Acq: 28 Sep 2018 5:17

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-S

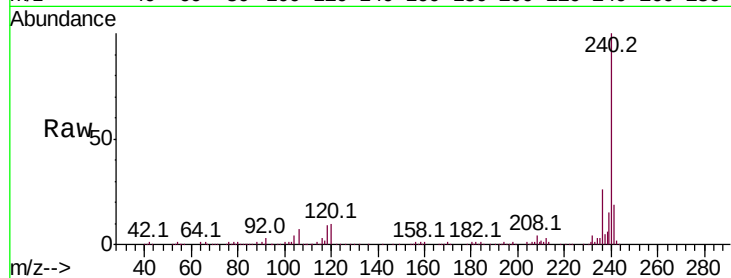
Tot Ion:240 Resp: 253433

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

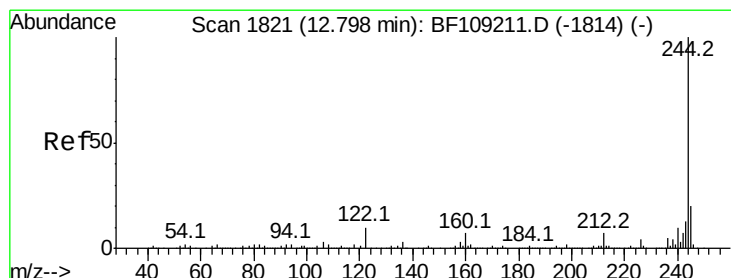
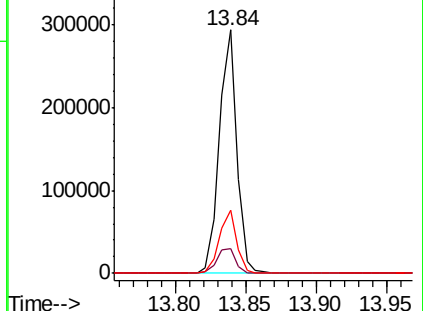
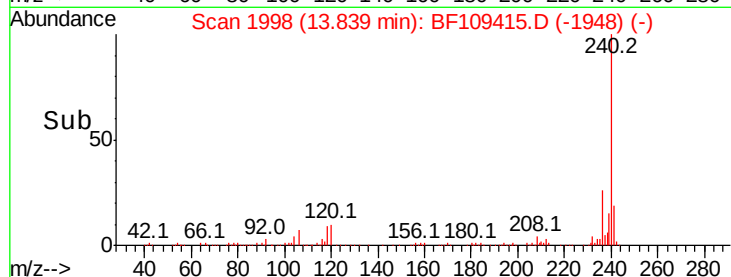
236 26.1 20.7 31.1



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: 91.311 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

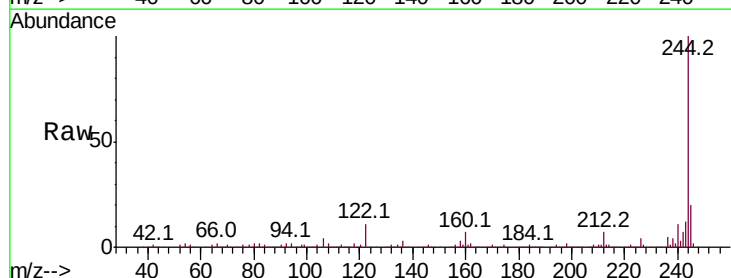
Tgt Ion:244 Resp: 942935

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

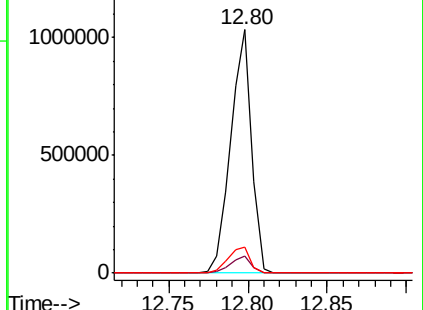
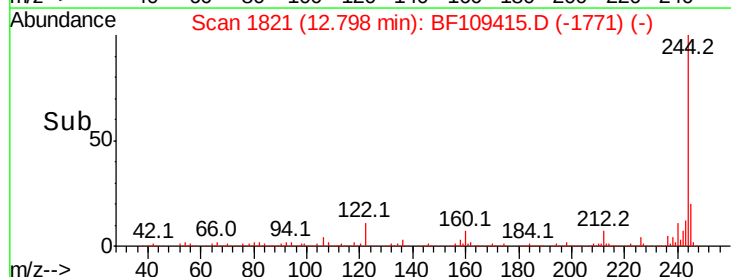
122 10.9 11.0 16.4#

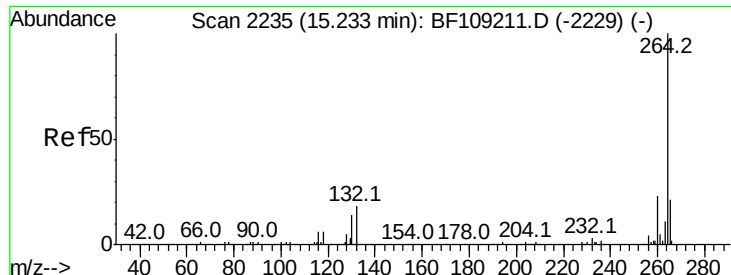


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3

