

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109322.D
 Acq On : 26 Sep 2018 7:48
 Operator : JU/SJ
 Sample : J5052-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-TIPC-E-D-B

Quant Time: Sep 26 08:53:18 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

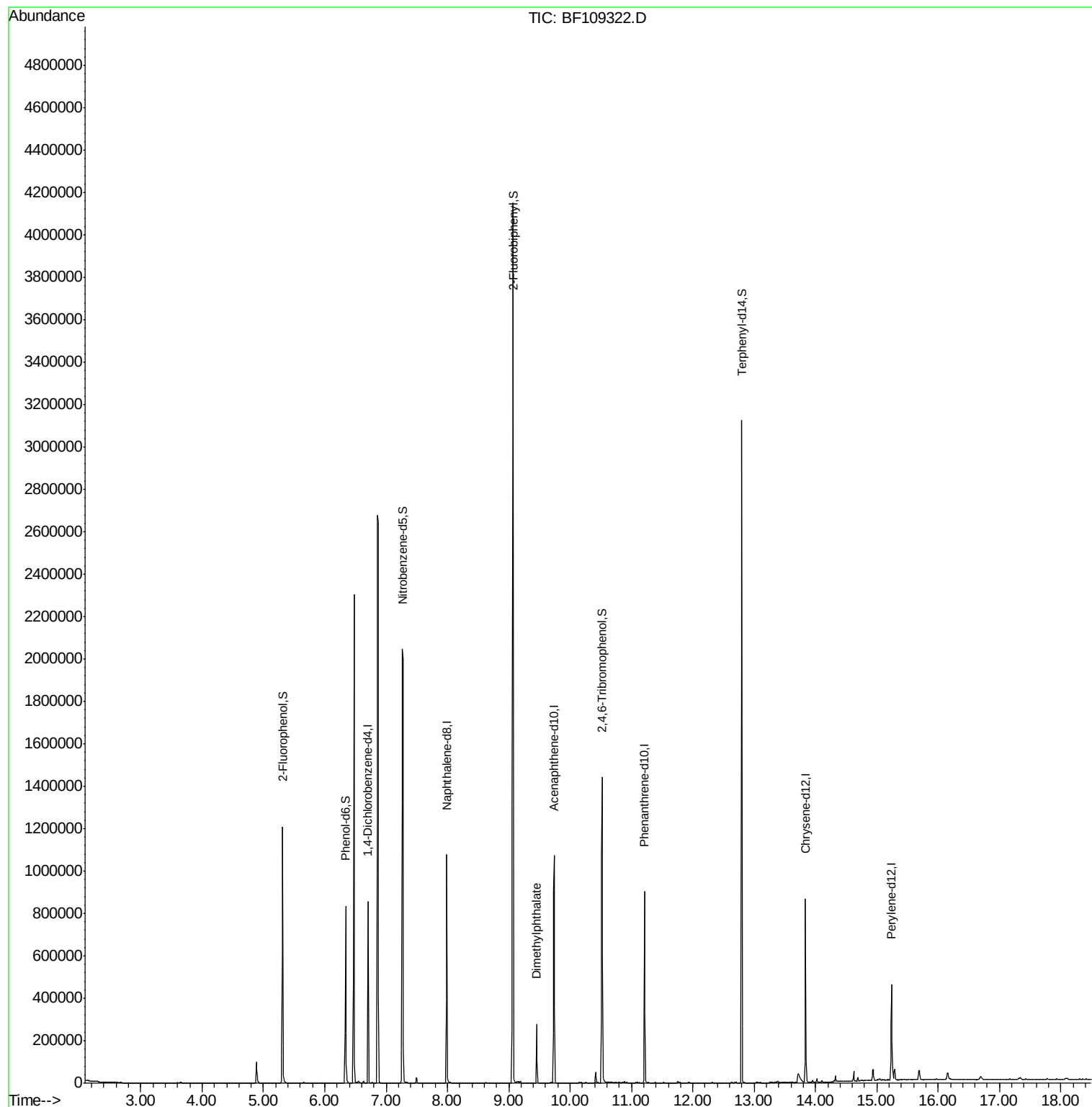
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124359	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	453055	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	195147	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	318561	20.00	ng	0.00
75) Chrysene-d12	13.84	240	279889	20.00	ng	0.00
86) Perylene-d12	15.24	264	203487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	330245	43.74	ng	0.00
7) Phenol-d6	6.34	99	270764	28.10	ng	-0.02
23) Nitrobenzene-d5	7.27	82	787445	102.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	168865	87.78	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1285392	99.34	ng	0.00
78) Terphenyl-d14	12.80	244	1126054	98.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	100701	7.095	ng	99

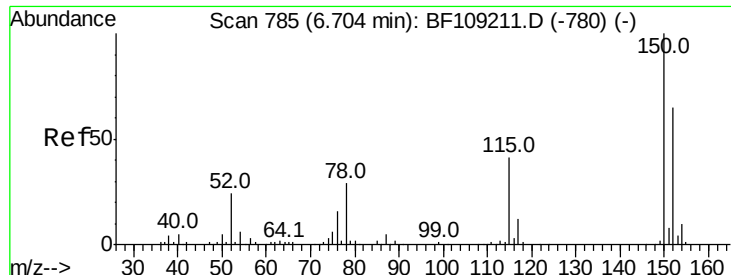
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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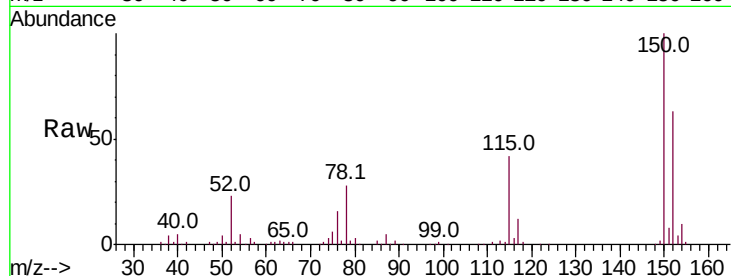


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109322.D
 Acq: 26 Sep 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :
 092018-TIPC-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	66.1	50.1	75.1

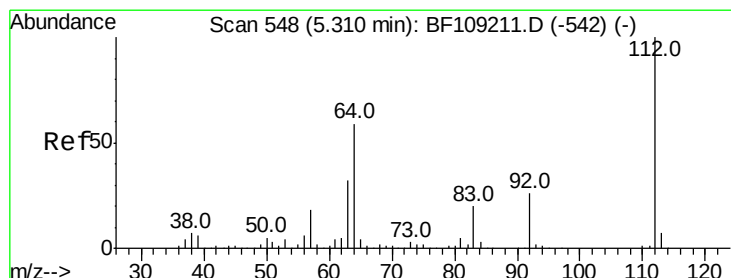
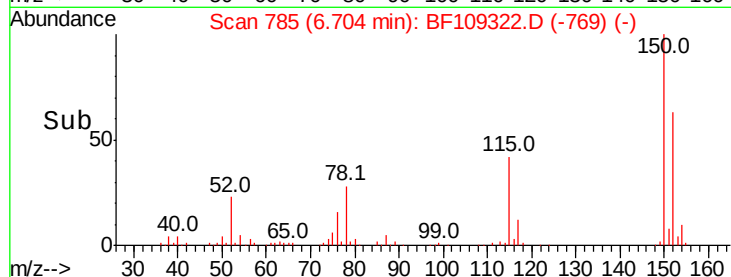
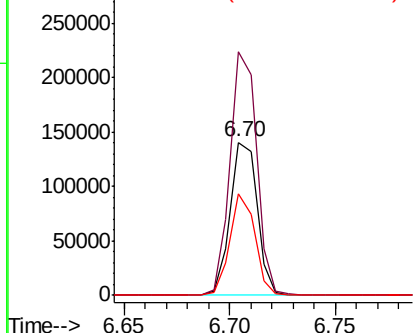


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

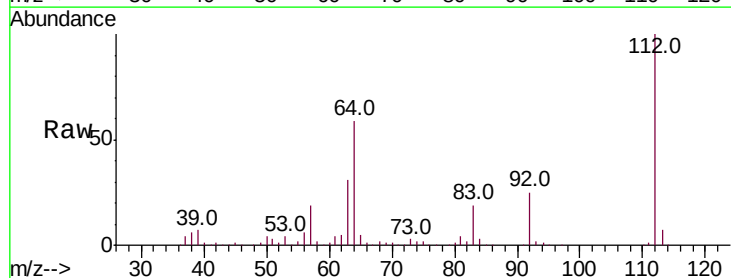
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 43.739 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109322.D
 Acq: 26 Sep 2018 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	31.2	23.7	35.5

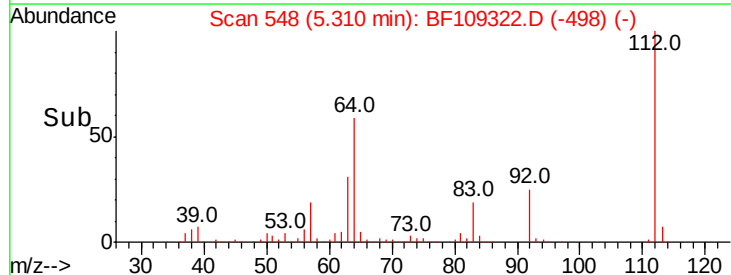
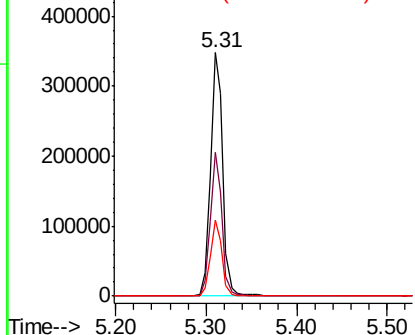


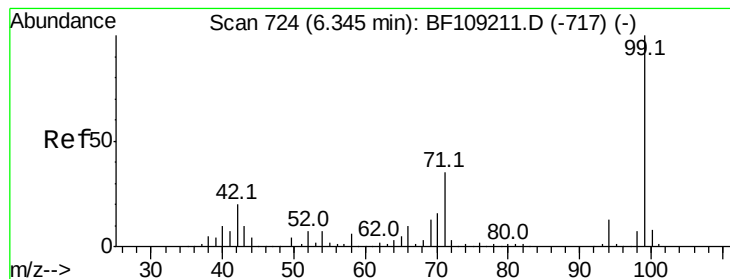
Abundance

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: 28.104 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109322.D

Acq: 26 Sep 2018 7:48

Instrument :

BNA_F

ClientSampleId :

092018-TIPC-E-D-B

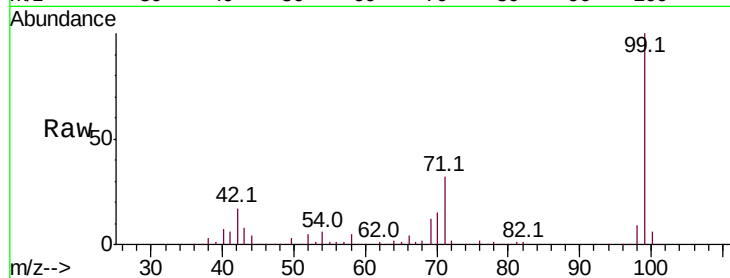
Tot Ion: 99 Resp: 270764

Ion Ratio Lower Upper

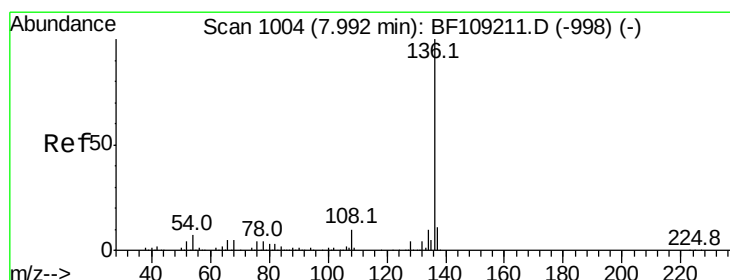
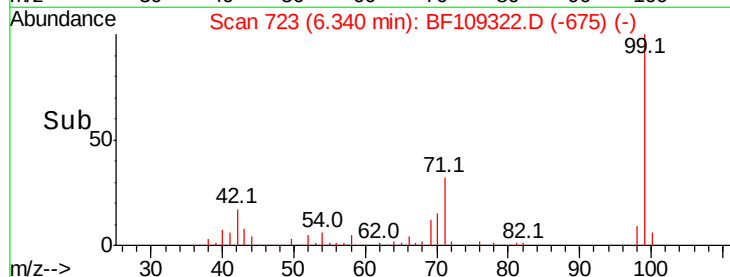
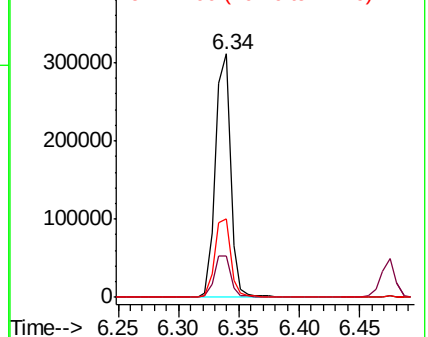
99 100

42 17.2 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109322.D

Acq: 26 Sep 2018 7:48

Tgt Ion: 136 Resp: 453055

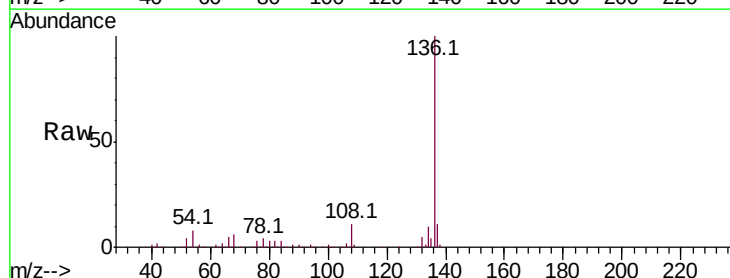
Ion Ratio Lower Upper

136 100

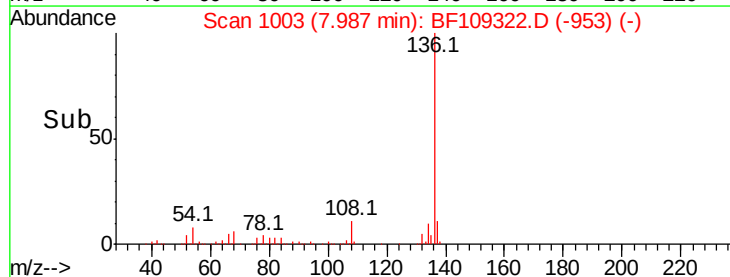
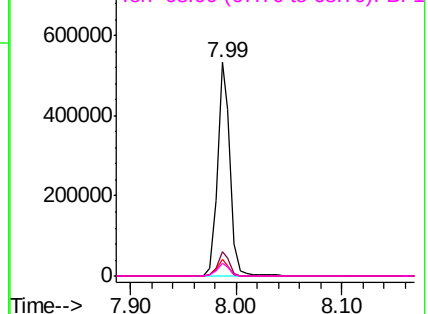
137 11.1 8.9 13.3

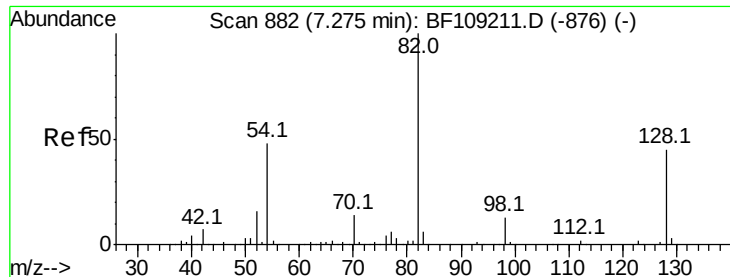
54 7.7 6.6 9.8

68 6.1 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

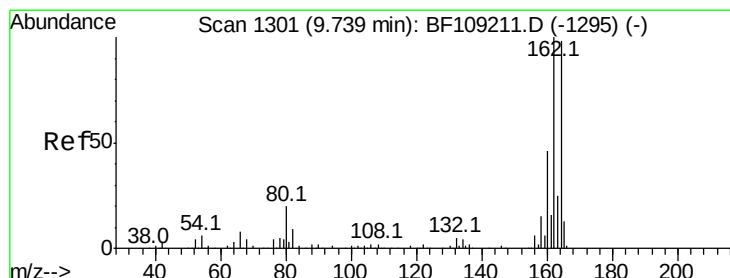
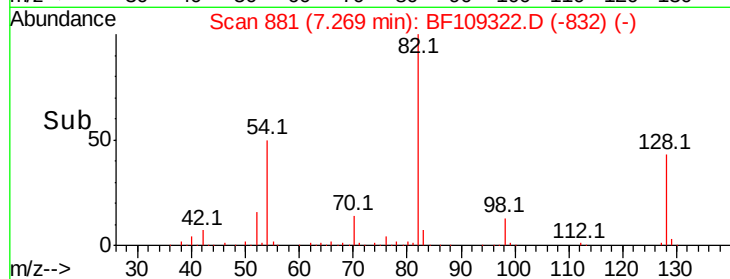
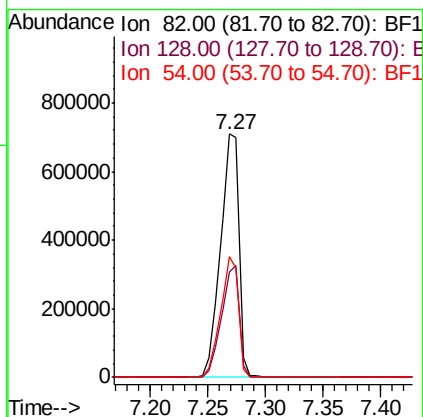
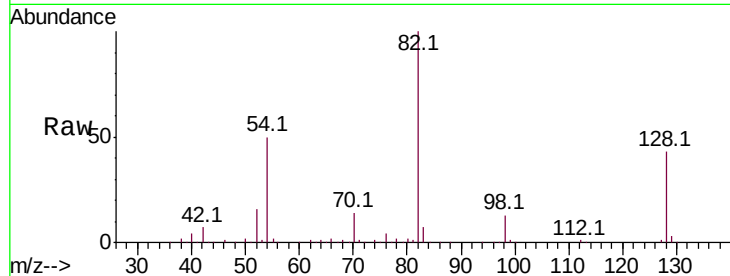




#23
 Nitrobenzene-d5
 Concen: 102.601 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109322.D
 Acq: 26 Sep 2018 7:48

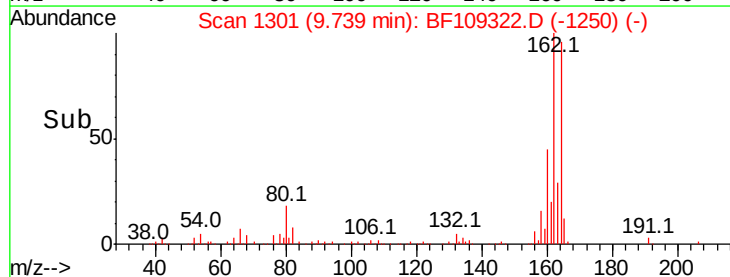
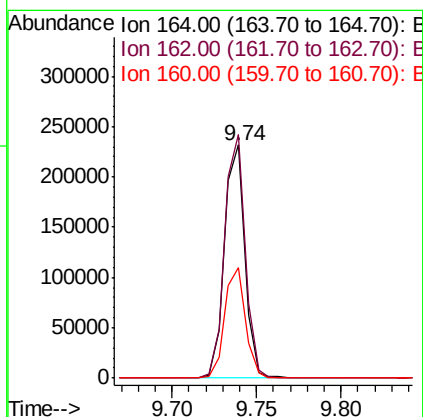
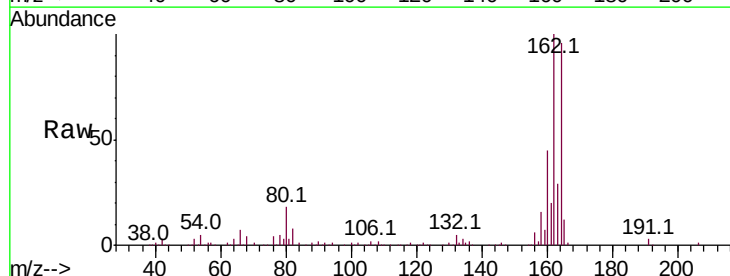
Instrument :
 BNA_F
 ClientSampleId :
 092018-TIPC-E-D-B

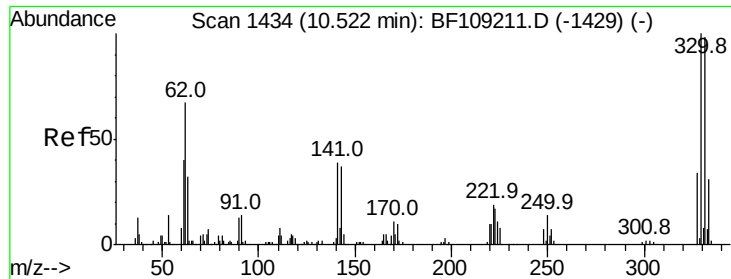
Tot Ion	82	Resp	787445
Ion Ratio	Lower	Upper	
82	100		
128	43.1	36.1	54.1
54	49.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109322.D
 Acq: 26 Sep 2018 7:48

Tgt Ion	164	Resp	195147
Ion Ratio	Lower	Upper	
164	100		
162	104.5	86.1	129.1
160	47.3	38.3	57.5

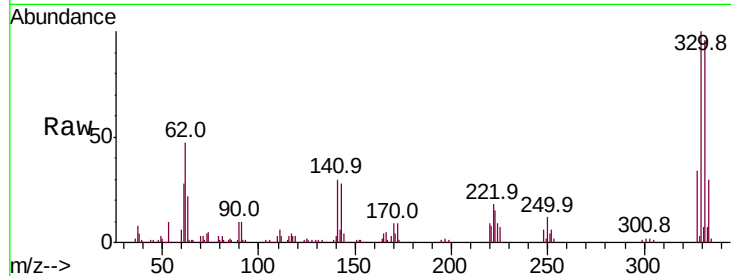




#41
 2,4,6-Tribromophenol
 Concen: 87.779 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109322.D
 Acq: 26 Sep 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :
 092018-TIPC-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.5	29.9	44.9

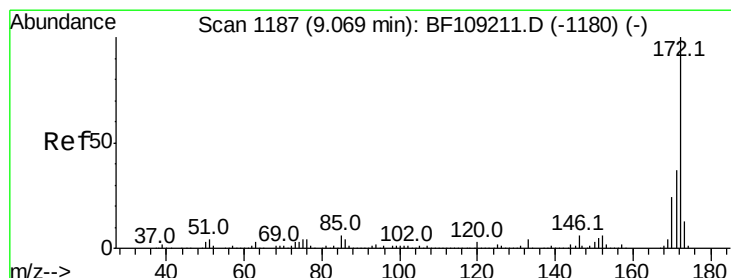
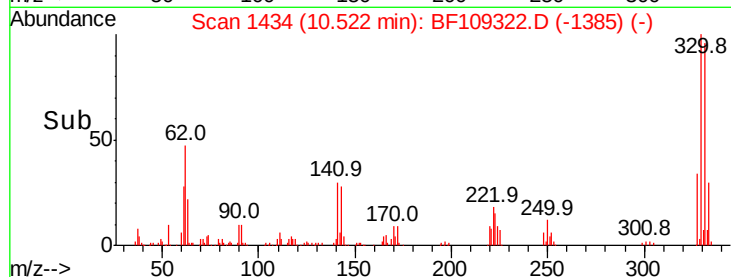
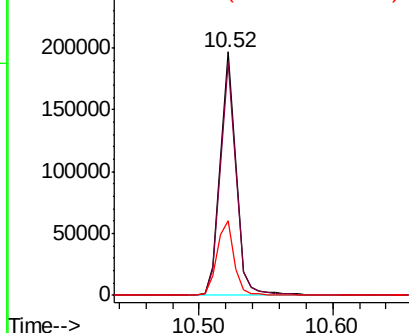


Abundance

Ion 329.80 (329.50 to 330.50): E

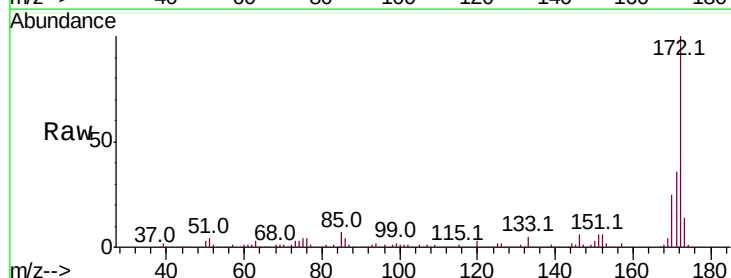
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.341 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109322.D
 Acq: 26 Sep 2018 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

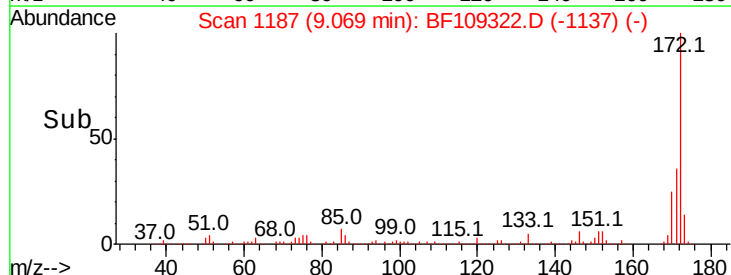
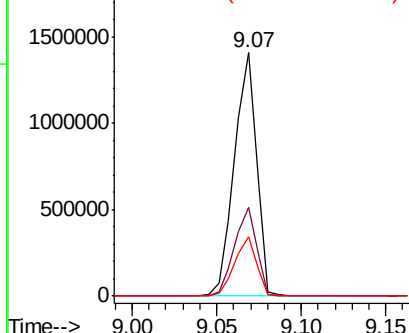


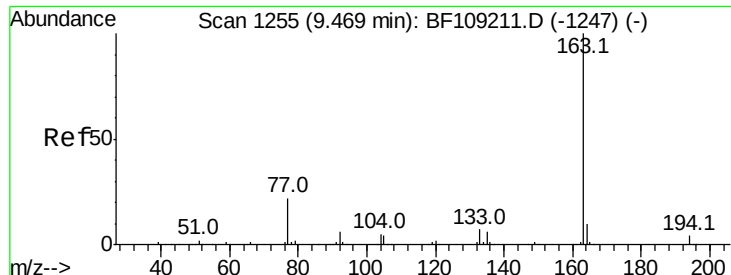
Abundance

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

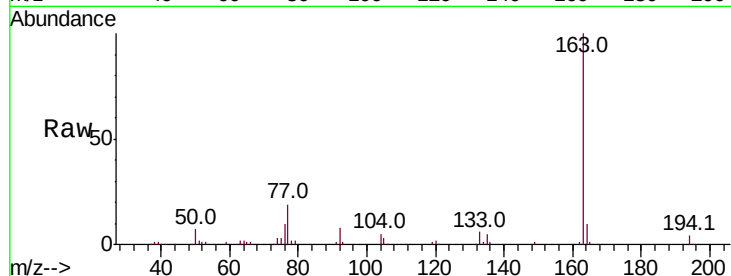




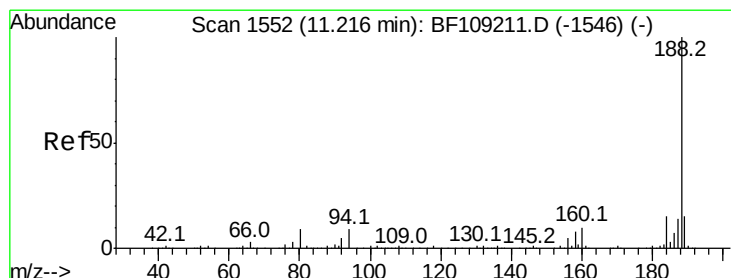
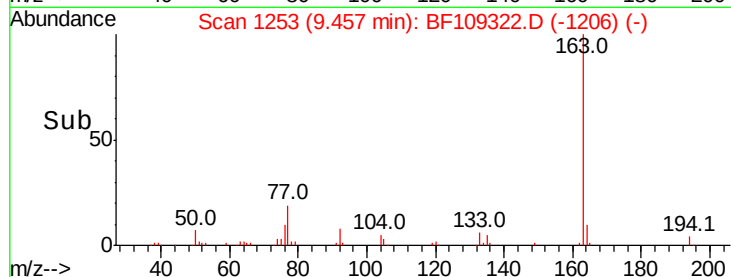
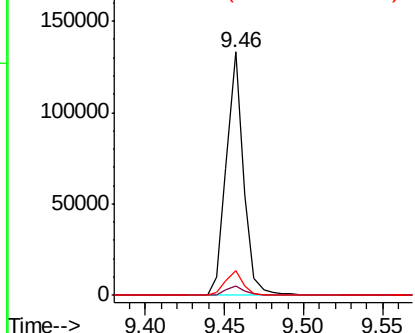
#49
Dimethylphthalate
Concen: 7.095 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109322.D
Acq: 26 Sep 2018 7:48

Instrument :
BNA_F
ClientSampleId :
092018-TIPC-E-D-B

Tot Ion:163 Resp: 100701
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

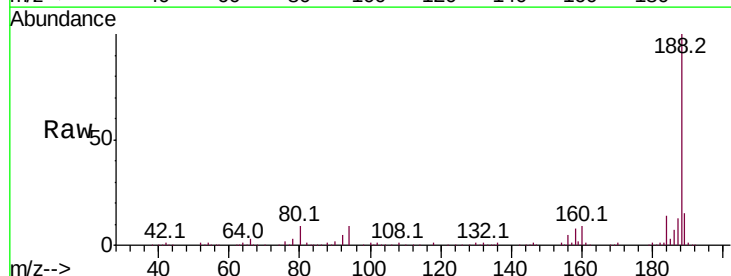


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

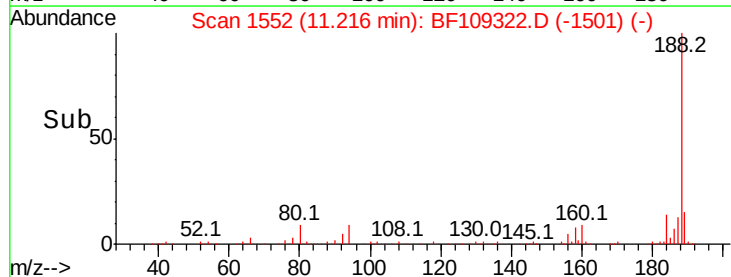
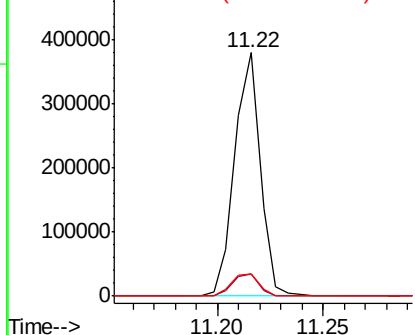


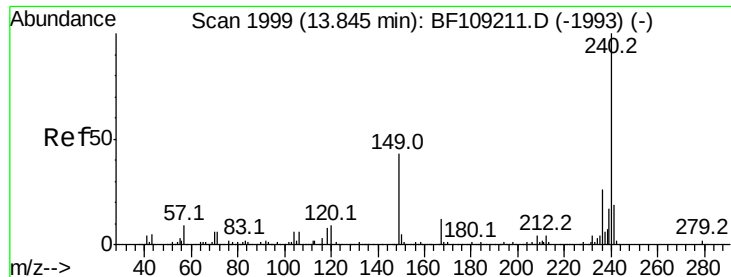
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109322.D
Acq: 26 Sep 2018 7:48

Tgt Ion:188 Resp: 318561
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.3 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: BF109322.D

Acq: 26 Sep 2018 7:48

Instrument :

BNA_F

ClientSampleId :

092018-TIPC-E-D-B

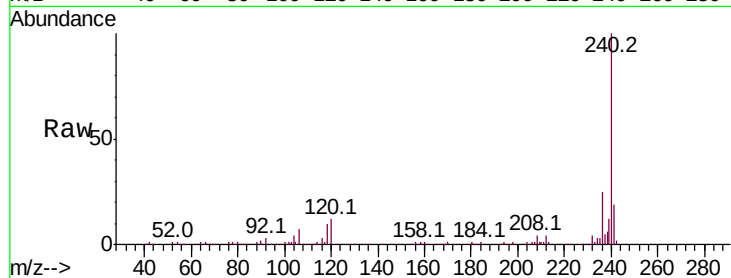
Tot Ion:240 Resp: 279889

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

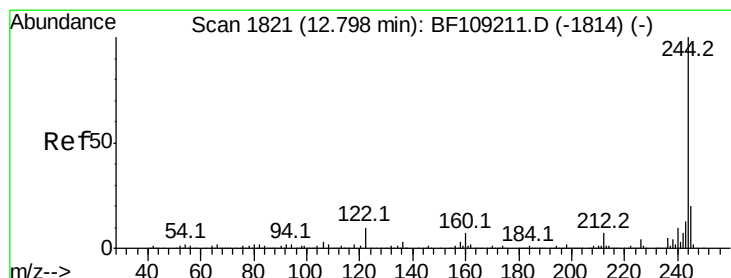
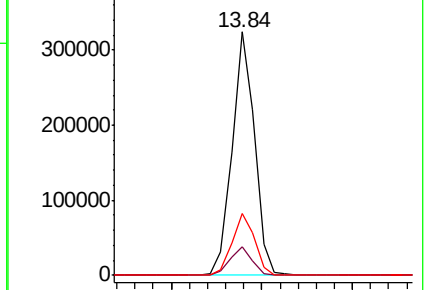
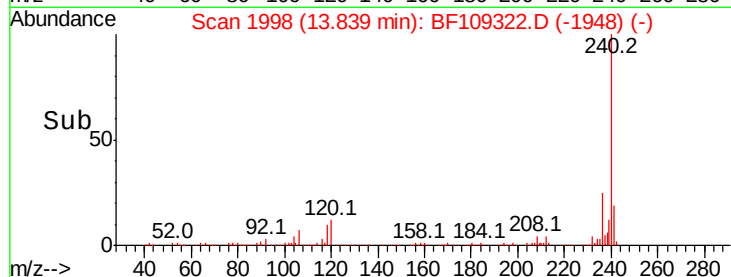
236 25.4 20.7 31.1



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: 98.736 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109322.D

Acq: 26 Sep 2018 7:48

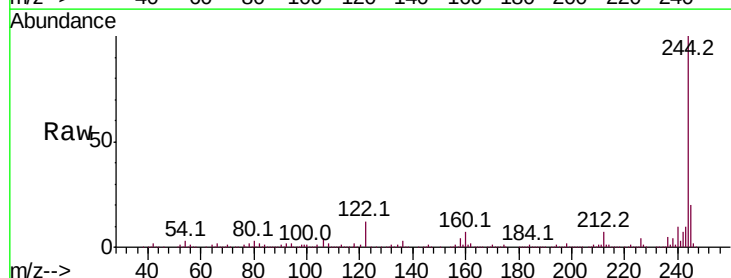
Tgt Ion:244 Resp: 1126054

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

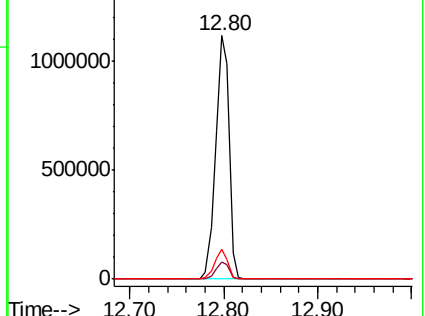
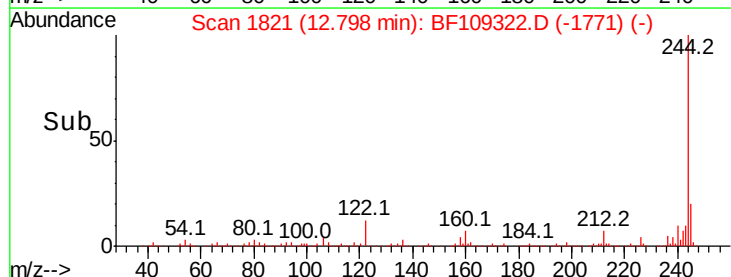
122 12.3 11.0 16.4

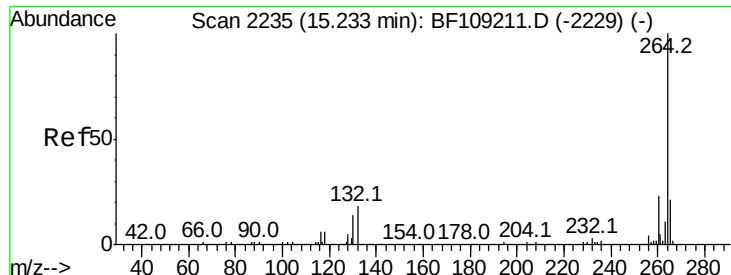


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

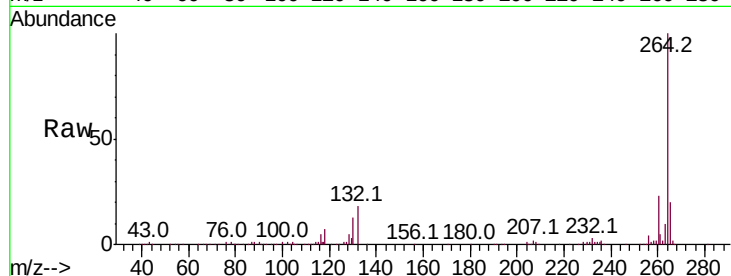




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109322.D
Acq: 26 Sep 2018 7:48

Instrument :
BNA_F
ClientSampleId :
092018-TIPC-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.3	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

