

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109017.D
 Acq On : 15 Sep 2018 1:24
 Operator : JU/SJ
 Sample : J4901-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-U-B

Quant Time: Sep 15 06:59:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

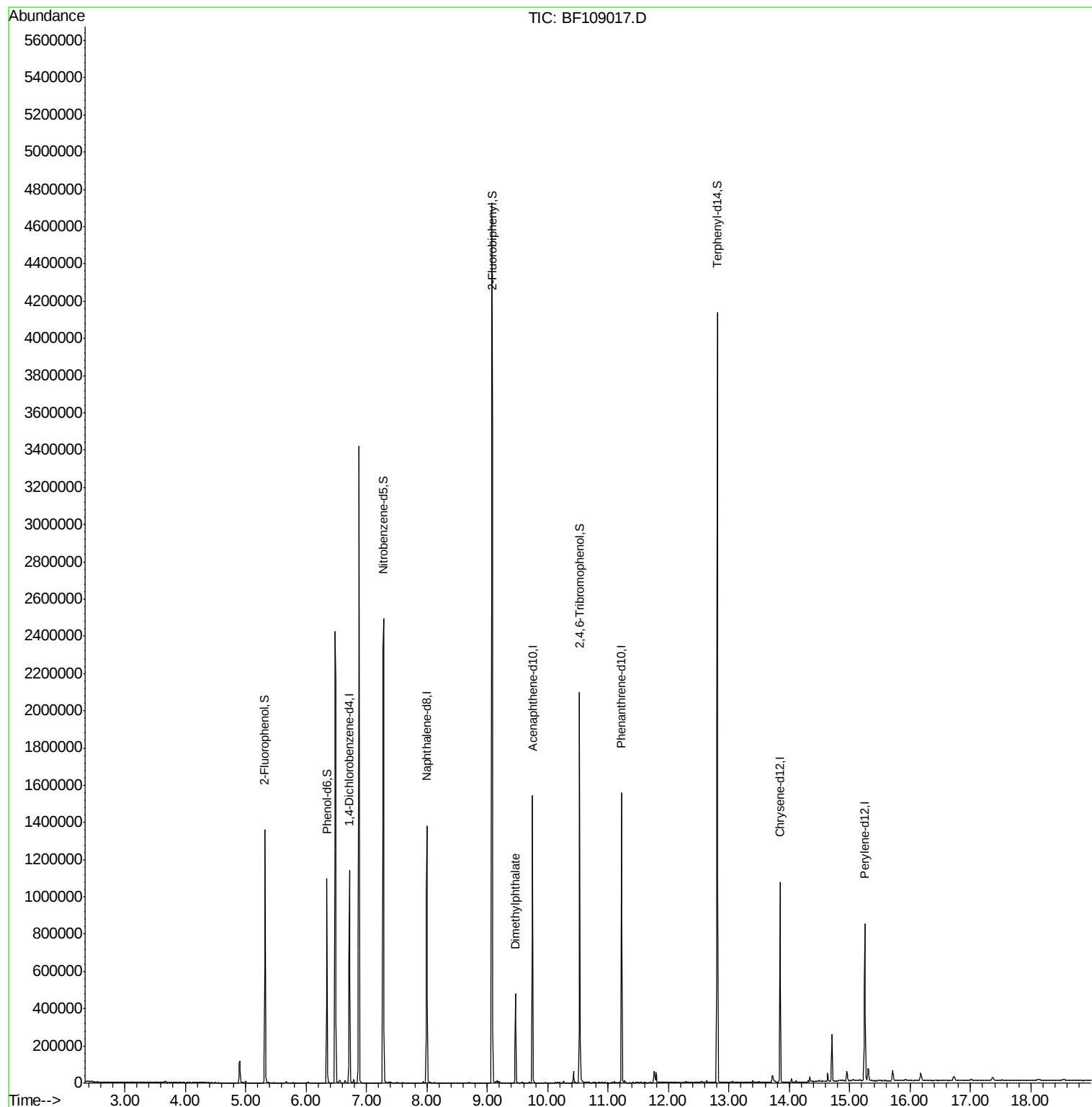
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151991	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	575319	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	273091	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	508902	20.00	ng	0.00
75) Chrysene-d12	13.85	240	344827	20.00	ng	-0.01
86) Perylene-d12	15.25	264	388968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	386452	42.23	ng	0.00
7) Phenol-d6	6.34	99	332008	28.14	ng	-0.02
23) Nitrobenzene-d5	7.28	82	903667	88.10	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	247250	83.42	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1504666	86.32	ng	0.00
78) Terphenyl-d14	12.81	244	1456710	100.13	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	174919	8.962	ng	99

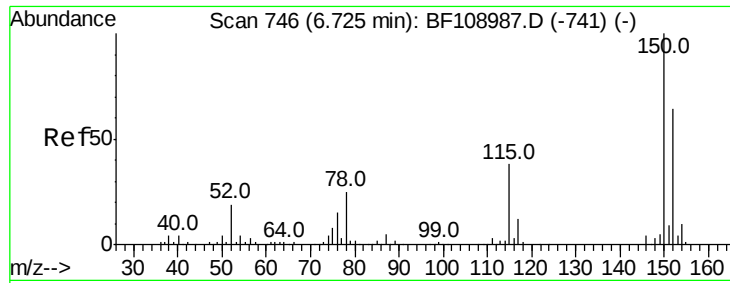
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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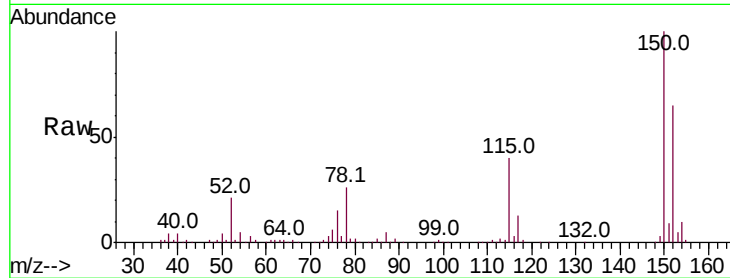


#1

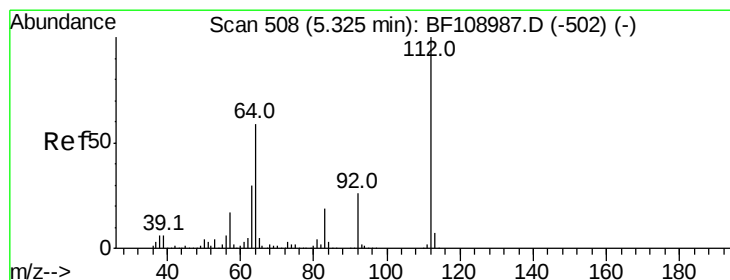
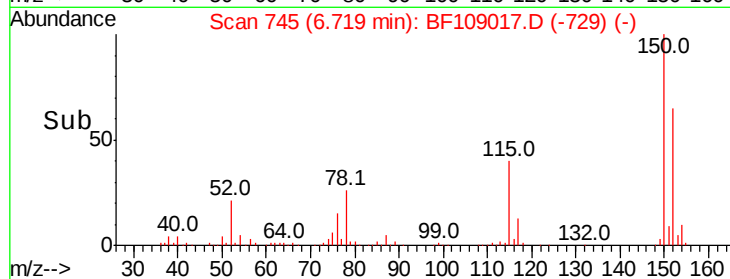
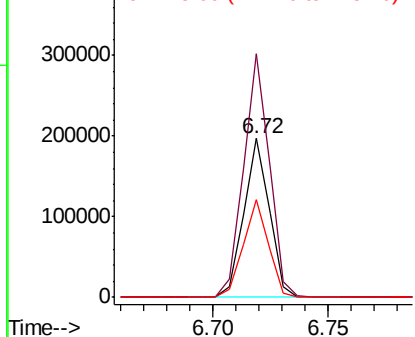
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109017.D
Acq: 15 Sep 2018 1:24

Instrument :
BNA_F
ClientSampleId :
091218-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	61.5	50.1	75.1



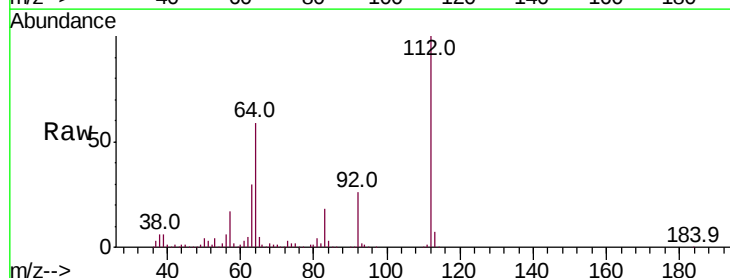
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



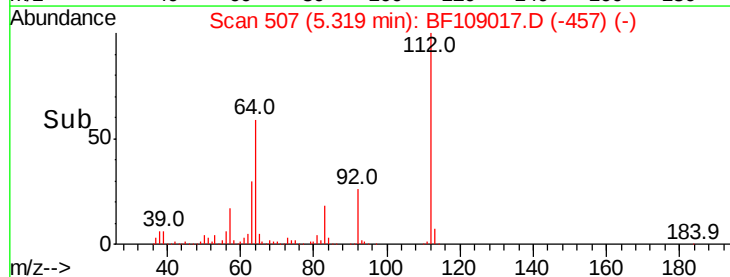
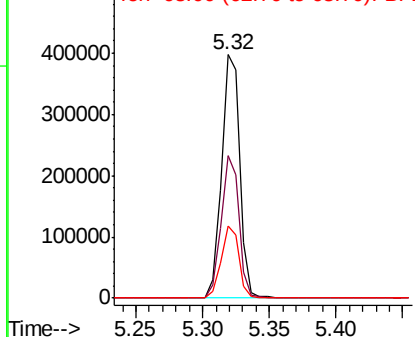
#5

2-Fluorophenol
Concen: 42.230 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109017.D
Acq: 15 Sep 2018 1:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.7	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: 28.136 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109017.D

Acq: 15 Sep 2018 1:24

Instrument :

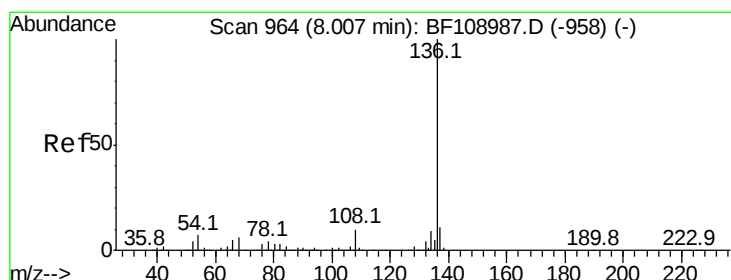
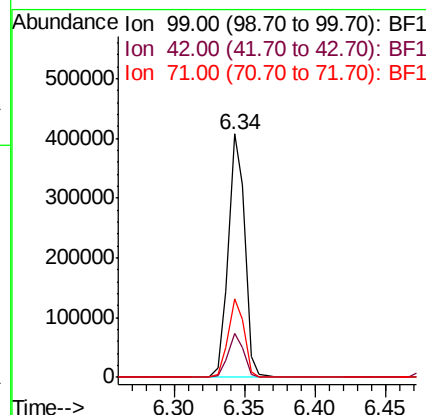
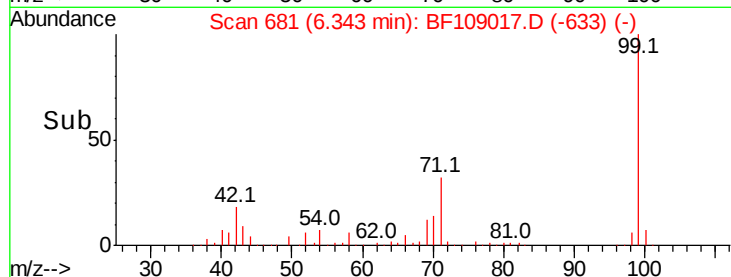
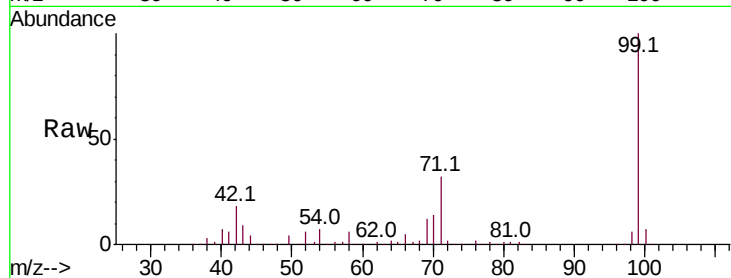
BNA_F

ClientSampleId :

091218-TIPC-F-U-B

Tot Ion: 99 Resp: 332008

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.3	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

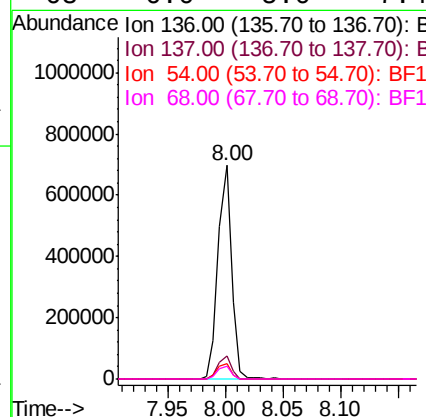
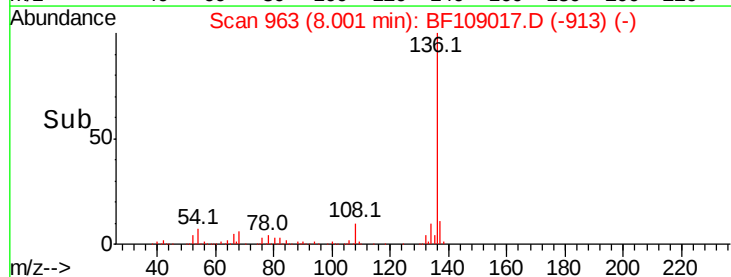
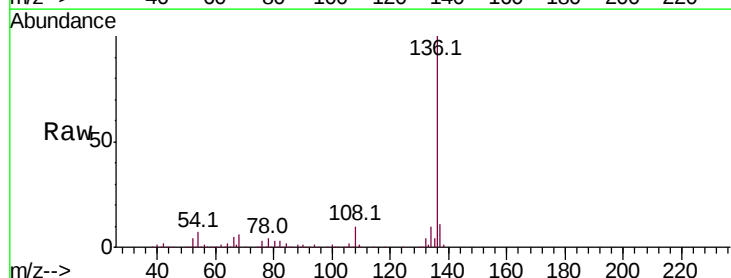
Delta R.T. -0.01 min

Lab File: BF109017.D

Acq: 15 Sep 2018 1:24

Tgt Ion: 136 Resp: 575319

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

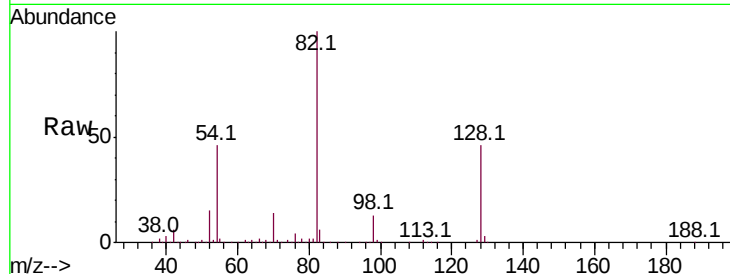




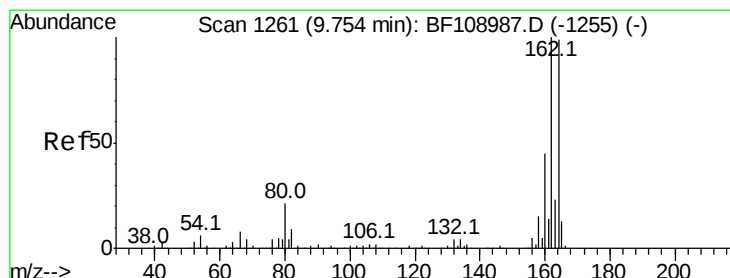
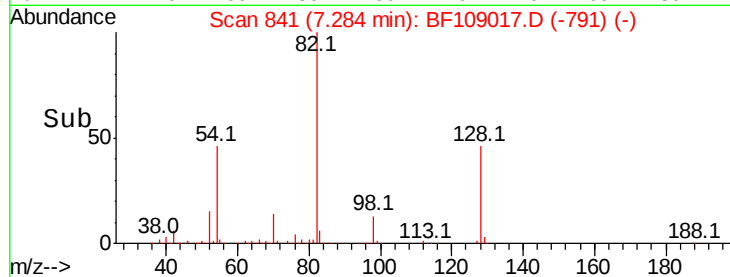
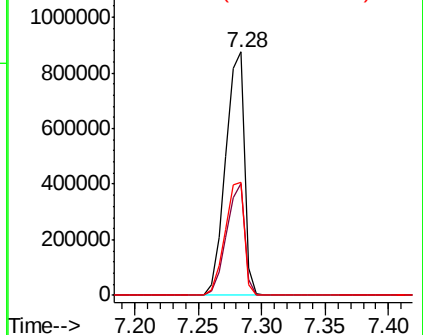
#23
 Nitrobenzene-d5
 Concen: 88.099 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109017.D
 Acq: 15 Sep 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-U-B

Tot Ion	82	Resp	903667
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	46.5	41.4	62.2

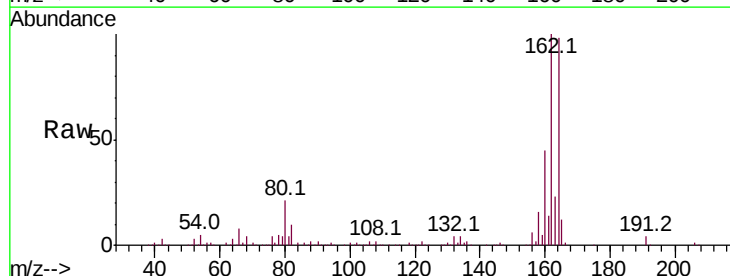


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

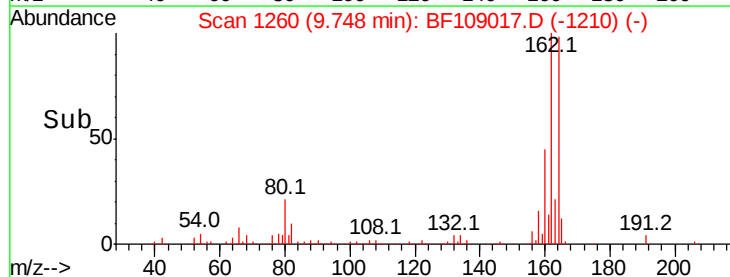
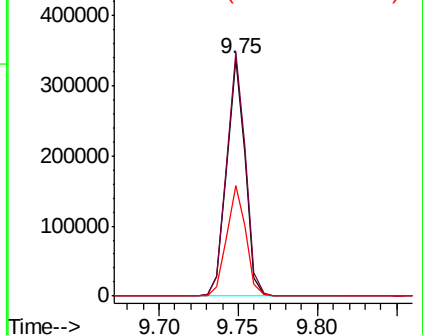


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109017.D
 Acq: 15 Sep 2018 1:24

Tgt Ion	164	Resp	273091
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	46.5	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

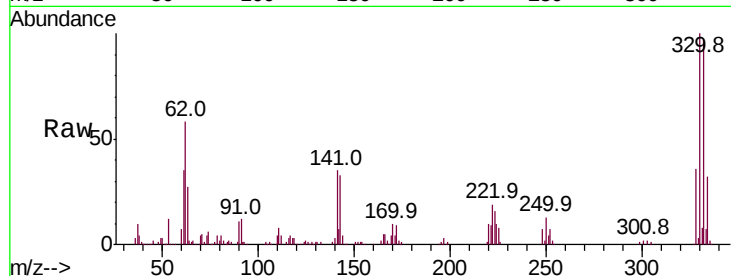




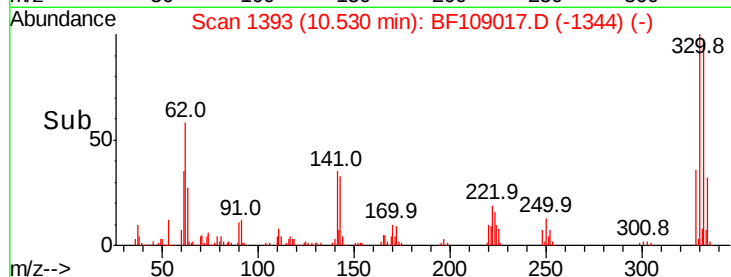
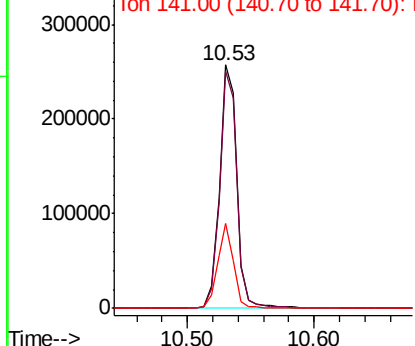
#41
 2,4,6-Tribromophenol
 Concen: 83.424 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109017.D
 Acq: 15 Sep 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.2	29.9	44.9

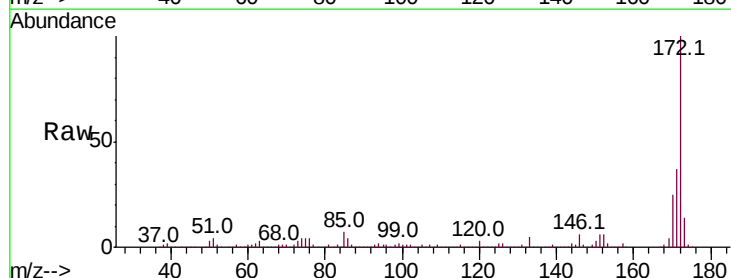


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

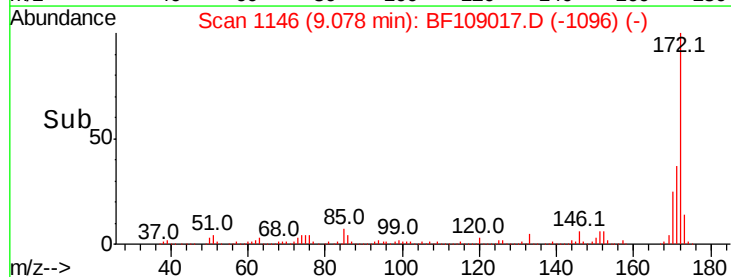
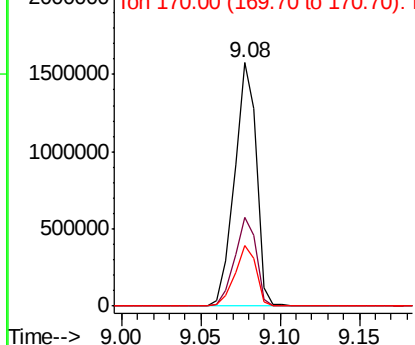


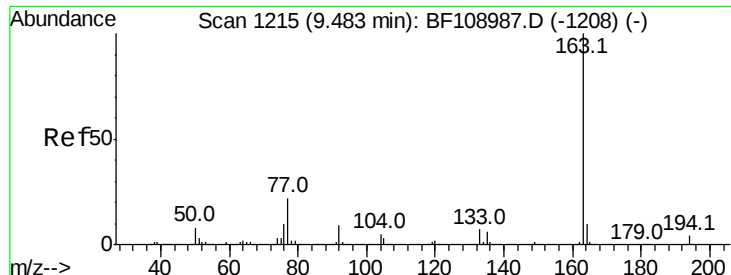
#44
 2-Fluorobiphenyl
 Concen: 86.323 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109017.D
 Acq: 15 Sep 2018 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	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

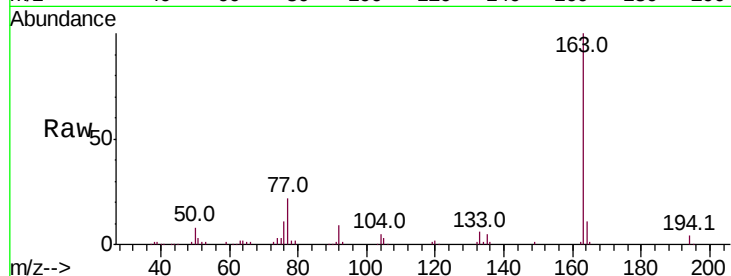




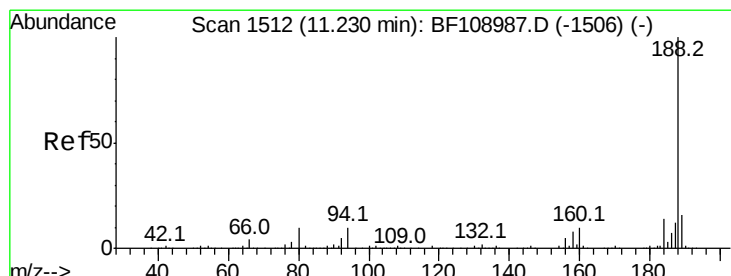
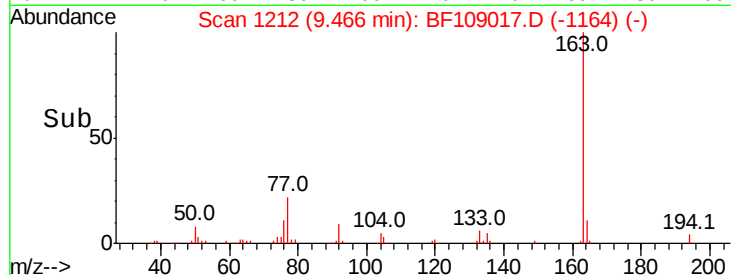
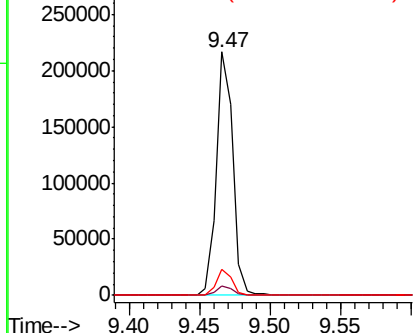
#49
Dimethylphthalate
Concen: 8.962 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109017.D
Acq: 15 Sep 2018 1:24

Instrument :
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Tot Ion:163 Resp: 174919
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.2 12.2

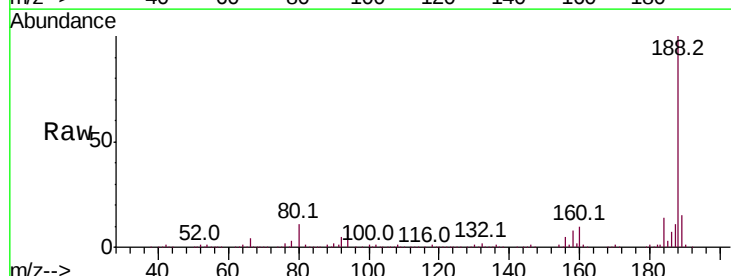


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

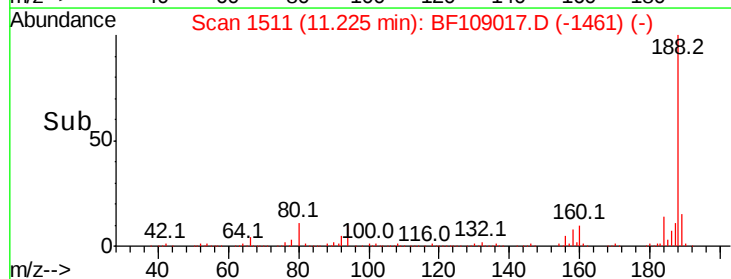
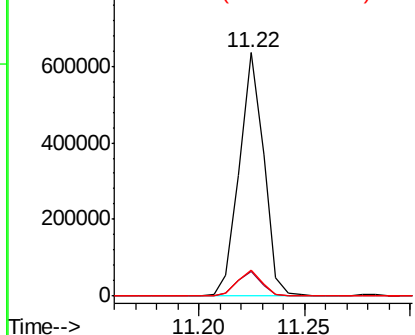


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109017.D
Acq: 15 Sep 2018 1:24

Tgt Ion:188 Resp: 508902
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109017.D

Acq: 15 Sep 2018 1:24

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-U-B

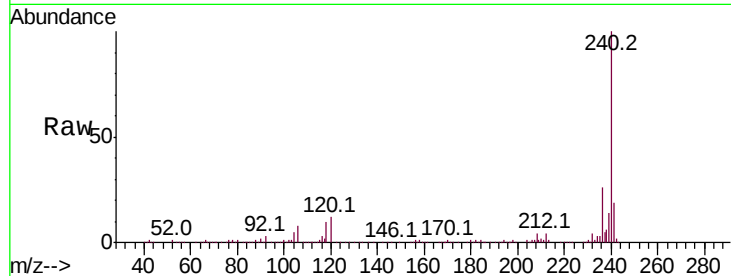
Tot Ion:240 Resp: 344827

Ion Ratio Lower Upper

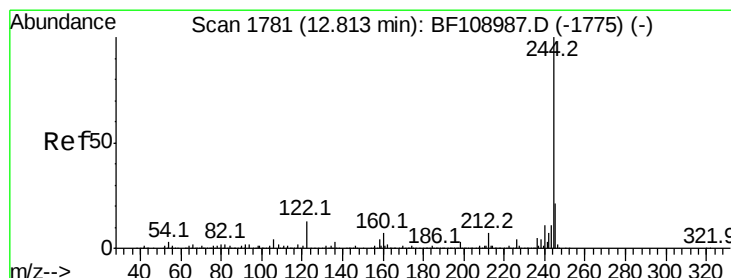
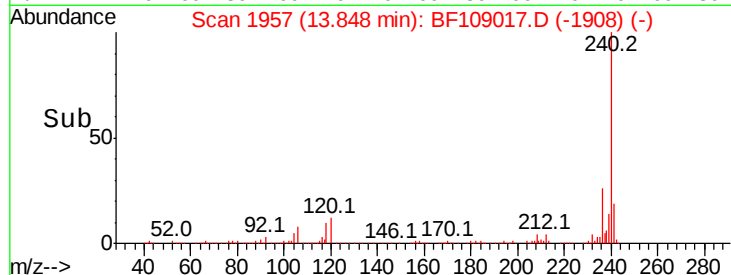
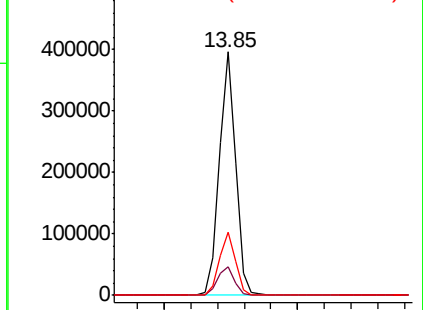
240 100

120 11.7 9.5 14.3

236 25.9 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: 100.131 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109017.D

Acq: 15 Sep 2018 1:24

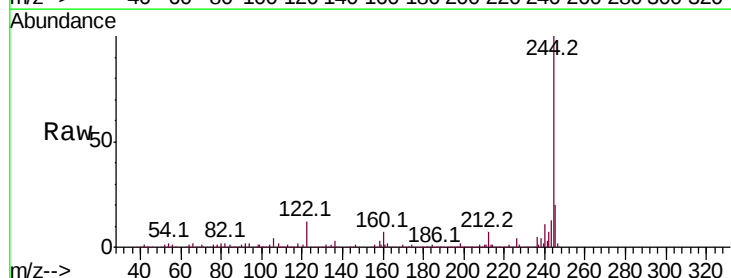
Tgt Ion:244 Resp: 1456710

Ion Ratio Lower Upper

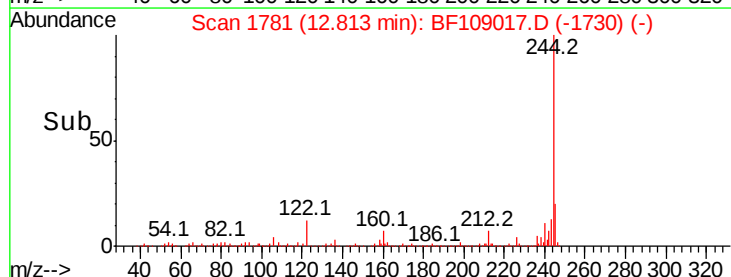
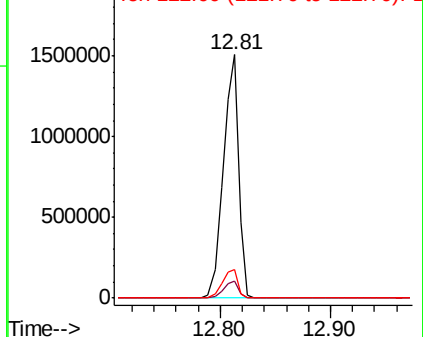
244 100

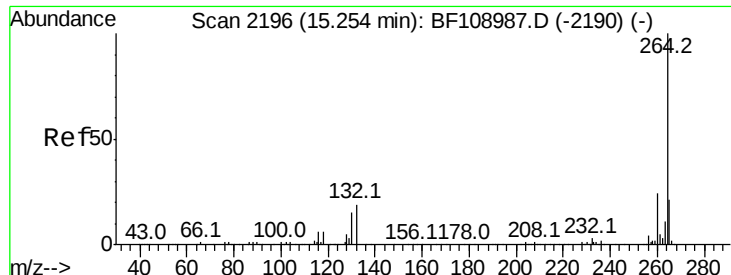
212 7.2 5.4 8.0

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109017.D
Acq: 15 Sep 2018 1:24

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

