

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109117.D
 Acq On : 19 Sep 2018 00:59
 Operator : JU/SJ
 Sample : J4930-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-D-S

Quant Time: Sep 19 05:43:13 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

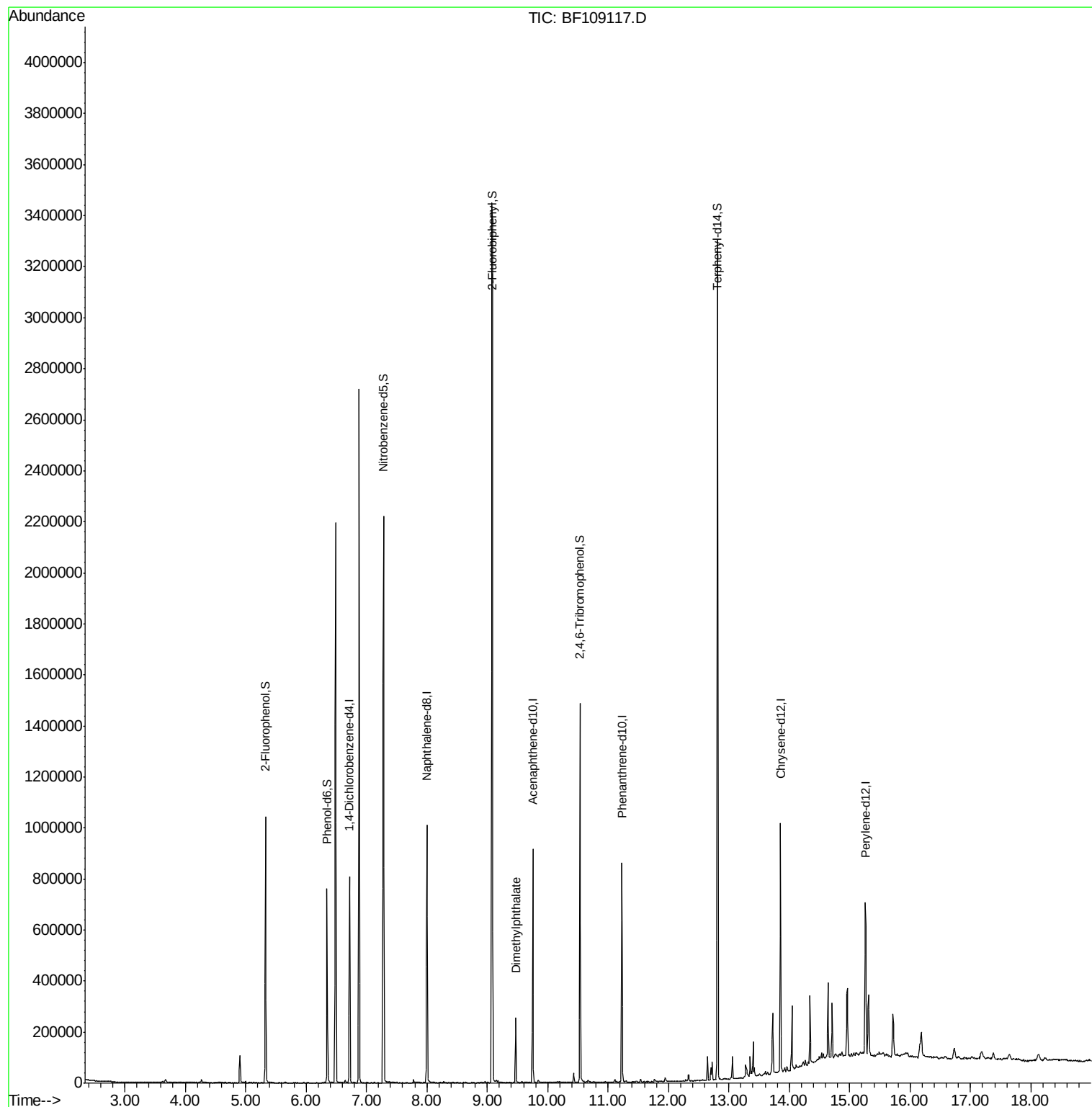
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121814	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	419164	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	172120	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	292436	20.00	ng	0.00
75) Chrysene-d12	13.85	240	315618	20.00	ng	0.00
86) Perylene-d12	15.26	264	260669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	305227	41.62	ng	0.00
7) Phenol-d6	6.35	99	244613	25.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	709119	94.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	168090	89.99	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1159171	105.51	ng	0.00
78) Terphenyl-d14	12.81	244	1162738	87.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	97571	7.931	ng	99

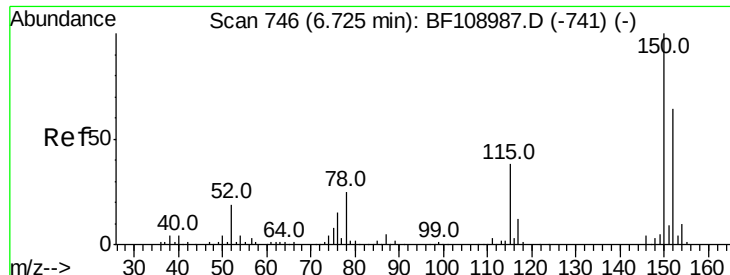
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 746

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

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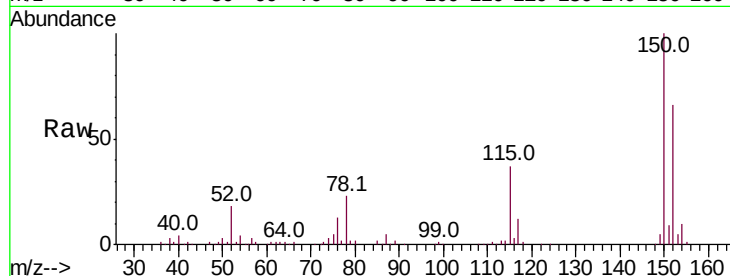
Tot Ion:152 Resp: 121814

Ion Ratio Lower Upper

152 100

150 152.3 124.6 186.8

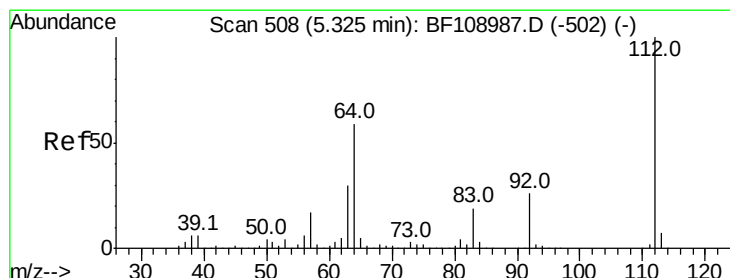
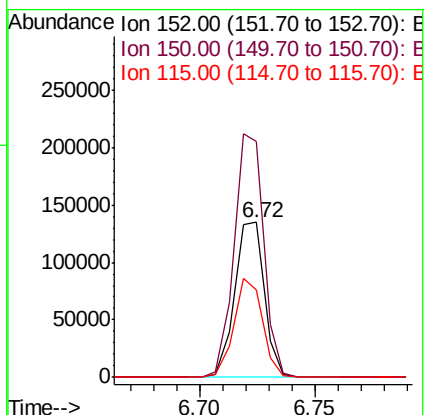
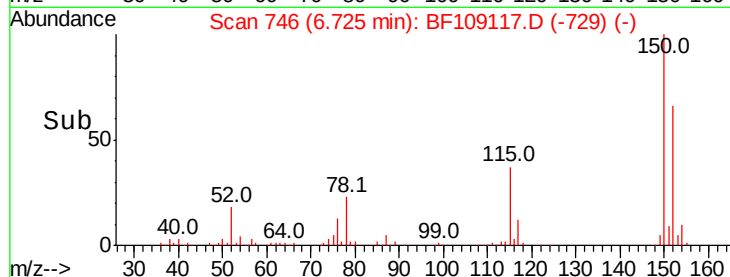
115 56.3 50.1 75.1



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: 41.616 ng

RT: 5.33 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

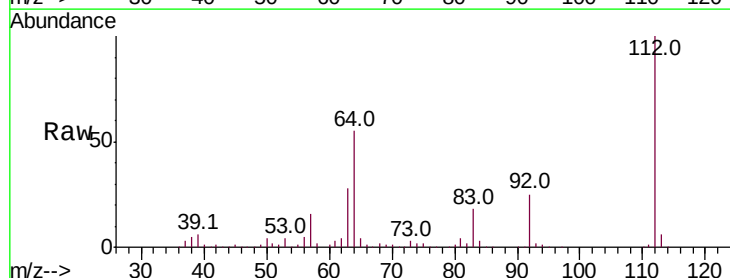
Tgt Ion:112 Resp: 305227

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

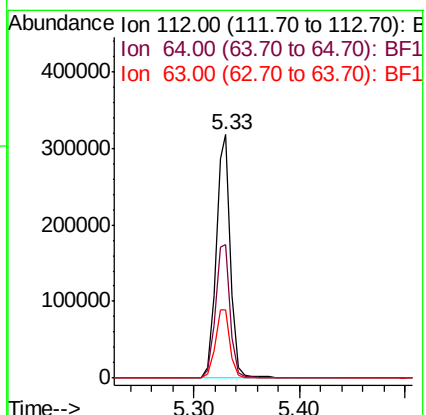
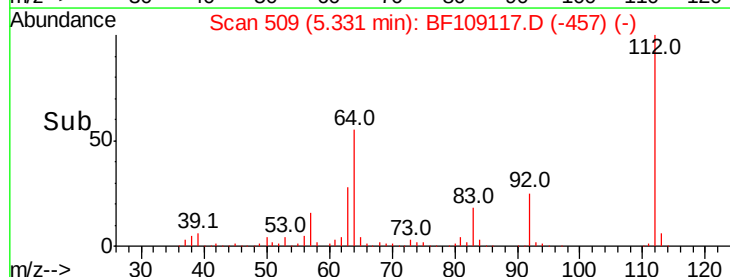
63 28.1 23.7 35.5

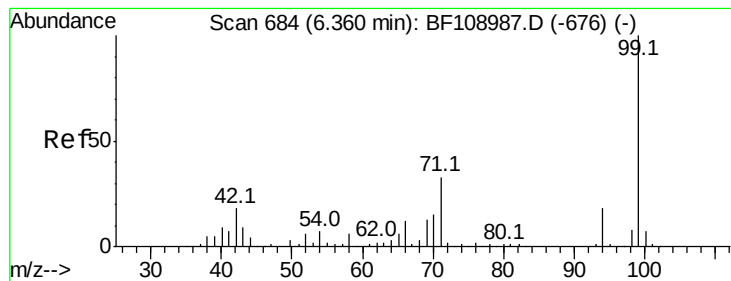


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.865 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Instrument :

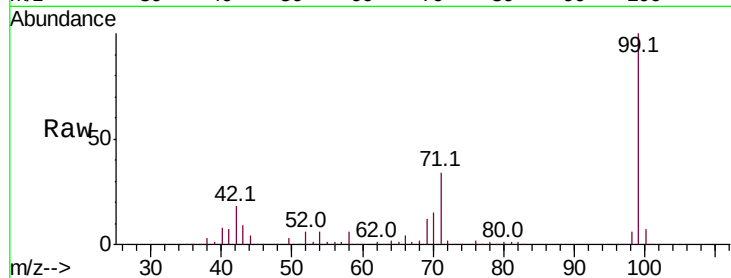
BNA_F

ClientSampleId :

091318-TIPC-F-D-S

Tot Ion: 99 Resp: 244613

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	34.2	25.4	38.0

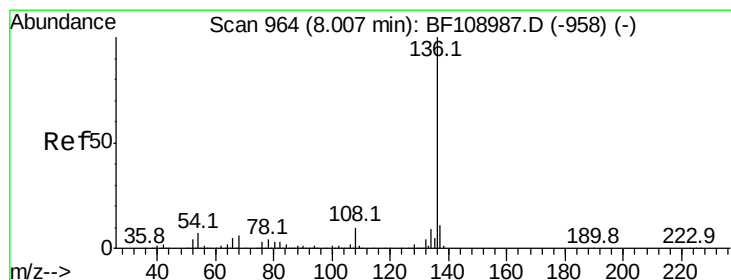
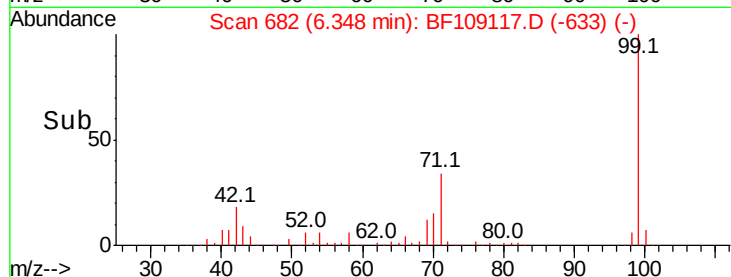
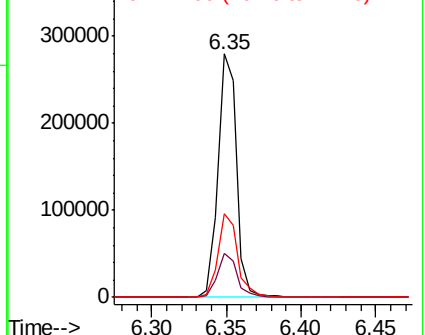


Abundance

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: 8.00 min Scan# 963

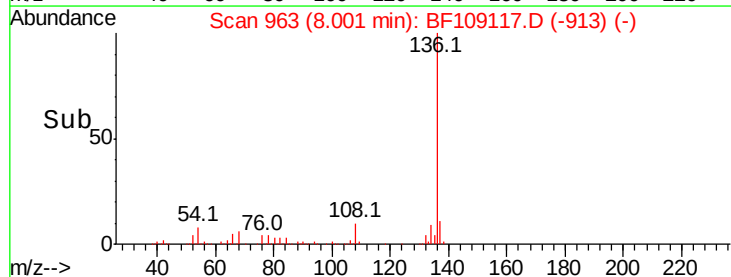
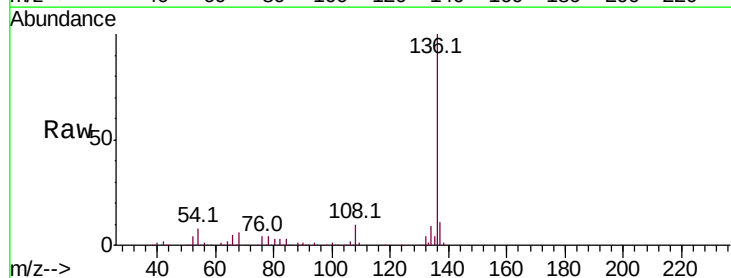
Delta R.T. -0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Tgt Ion: 136 Resp: 419164

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4



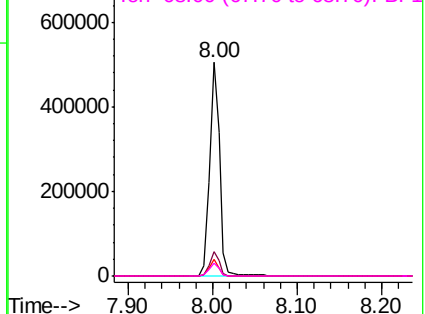
Abundance

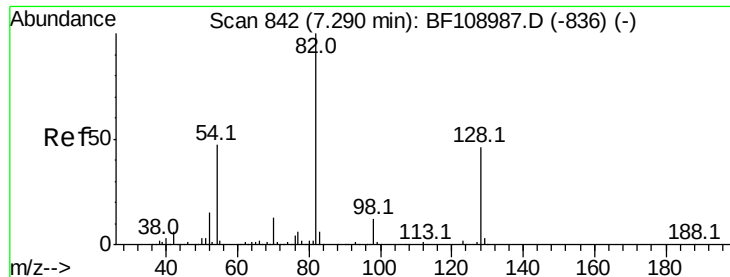
Ion 136.00 (135.70 to 136.70): E

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

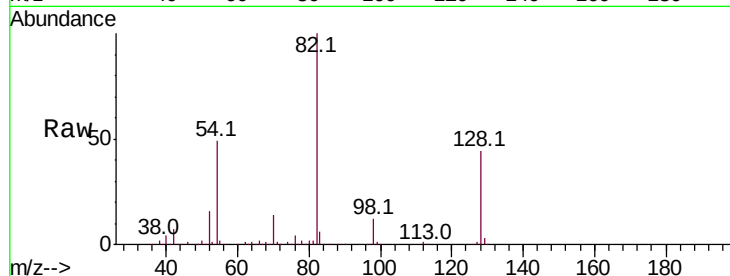




#23
 Nitrobenzene-d5
 Concen: 94.887 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-D-S

Tot Ion	82	Resp	709119
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	49.3	41.4	62.2

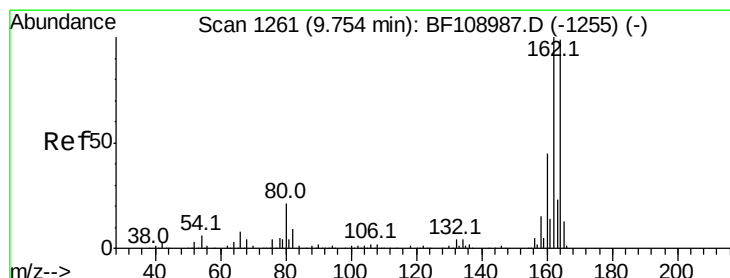
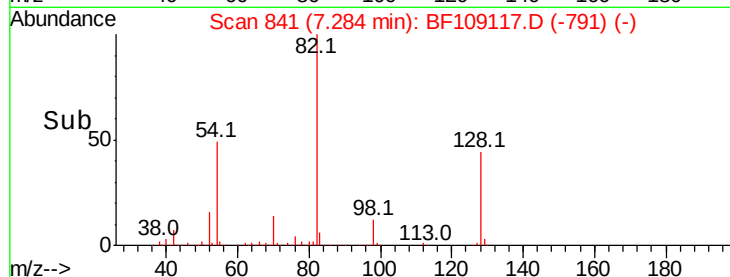
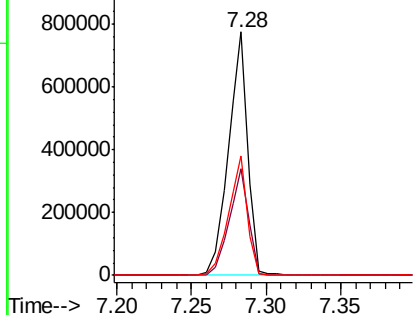


Abundance

Ion 82.00 (81.70 to 82.70): BF1

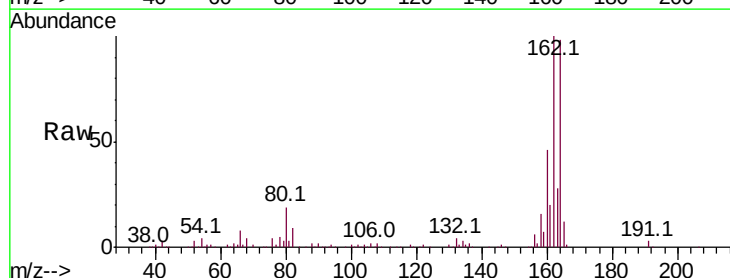
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Tgt Ion	164	Resp	172120
Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	47.3	38.3	57.5

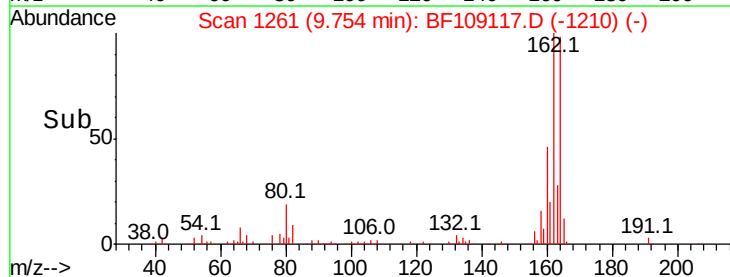
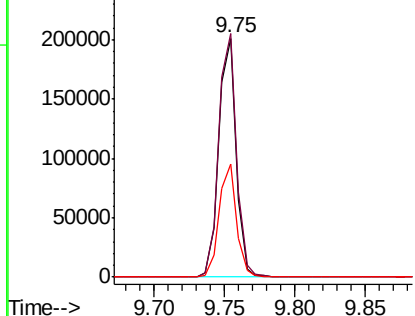


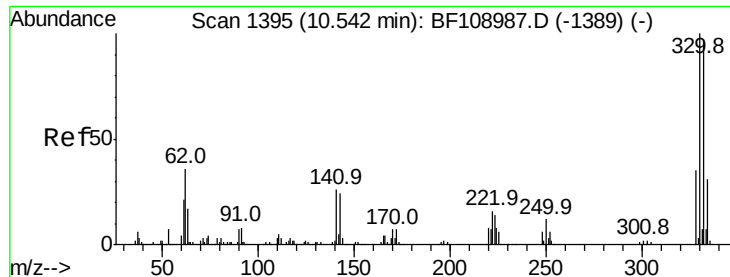
Abundance

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

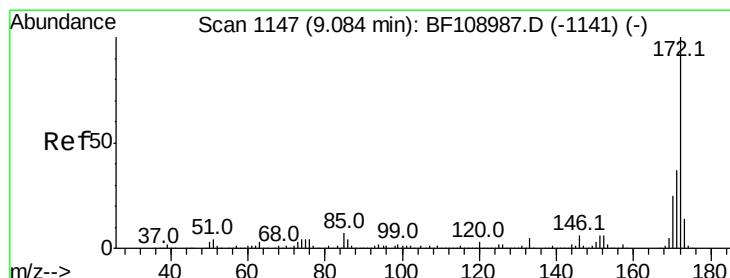
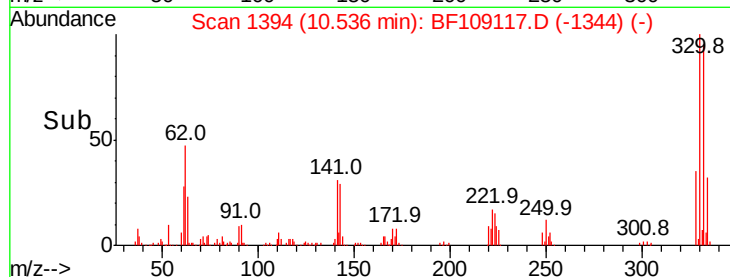
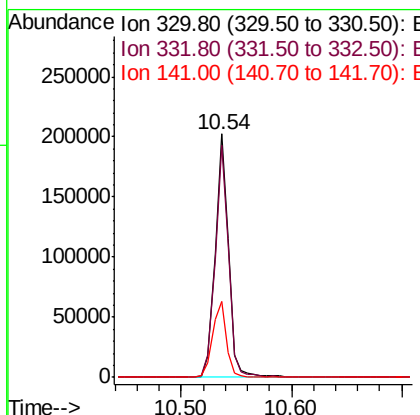
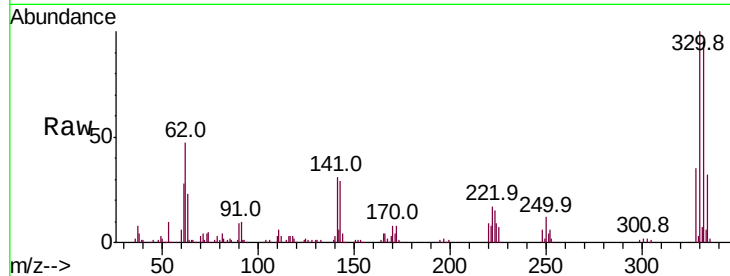




#41
 2,4,6-Tribromophenol
 Concen: 89.986 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

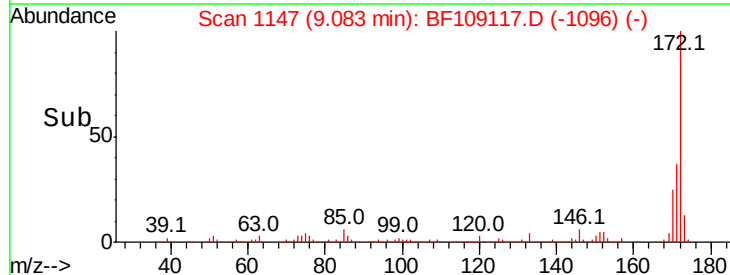
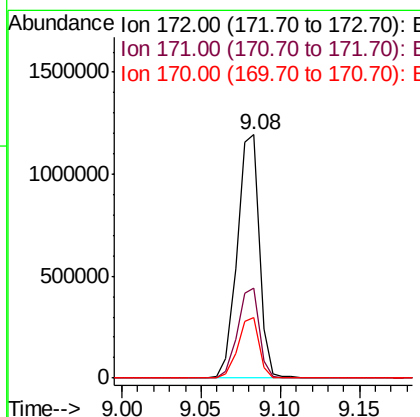
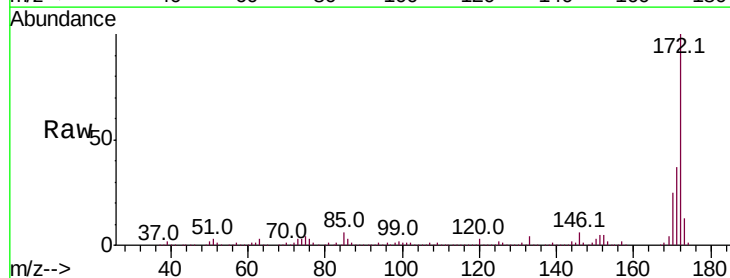
Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-D-S

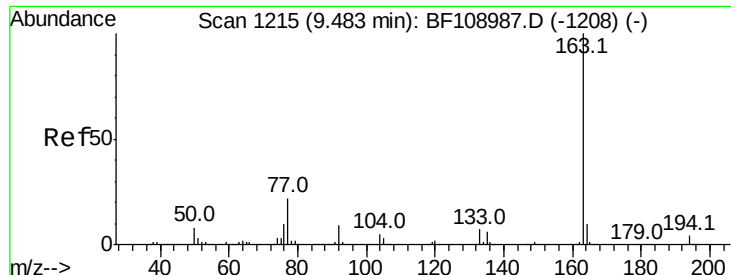
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 105.514 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	19.6	29.4





#49

Dimethylphthalate

Concen: 7.931 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Instrument :

BNA_F

ClientSampleId :

091318-TIPC-F-D-S

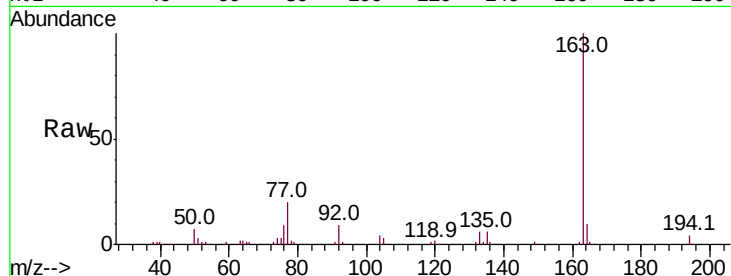
Tot Ion:163 Resp: 97571

Ion Ratio Lower Upper

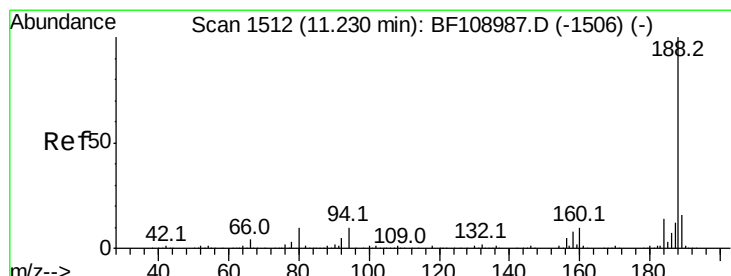
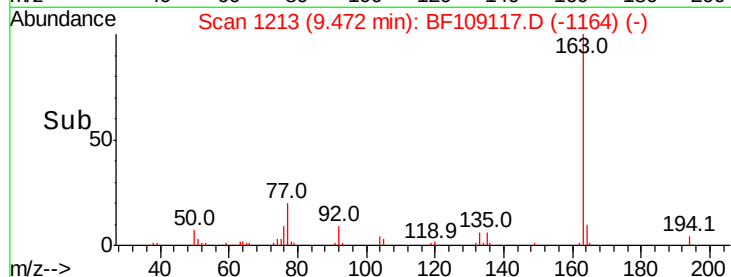
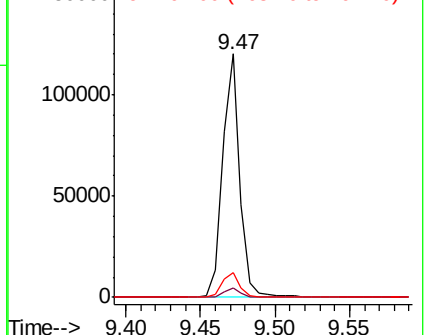
163 100

194 4.0 2.7 4.1

164 10.1 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: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

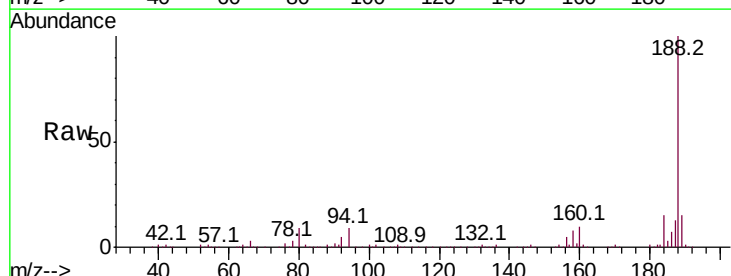
Tgt Ion:188 Resp: 292436

Ion Ratio Lower Upper

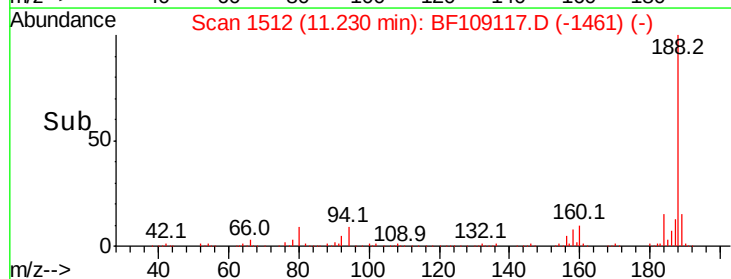
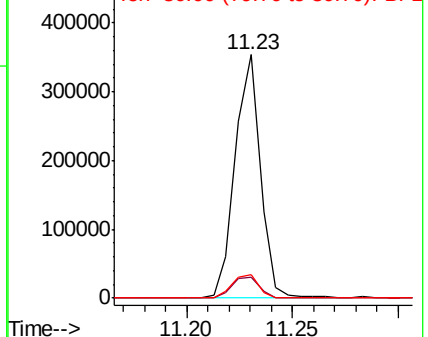
188 100

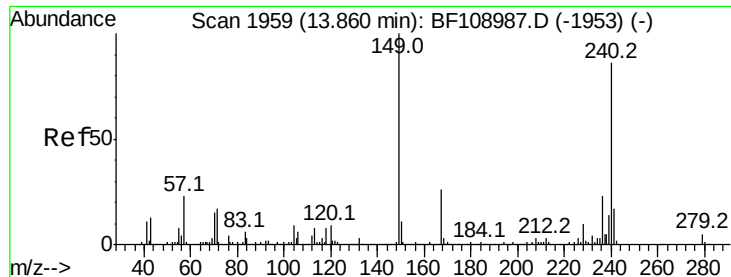
94 8.7 8.5 12.7

80 9.4 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# 1958

Delta R.T. -0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Instrument :

BNA_F

ClientSampleId :

091318-TIPC-F-D-S

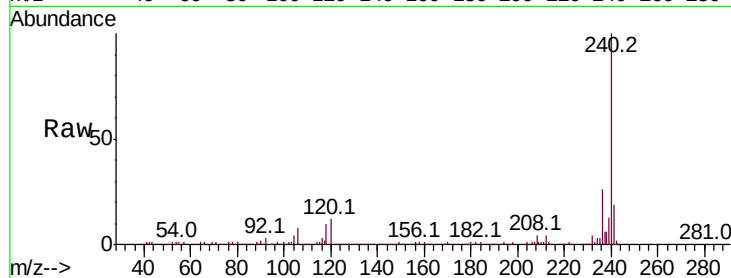
Tot Ion:240 Resp: 315618

Ion Ratio Lower Upper

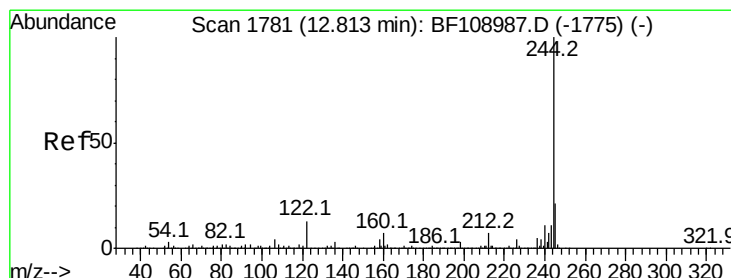
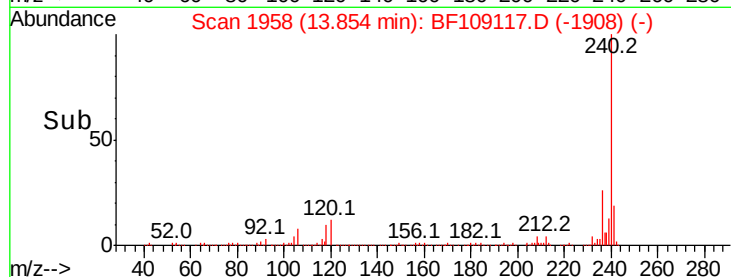
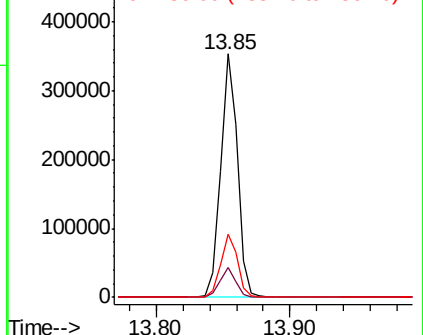
240 100

120 12.2 9.5 14.3

236 25.8 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: 87.321 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

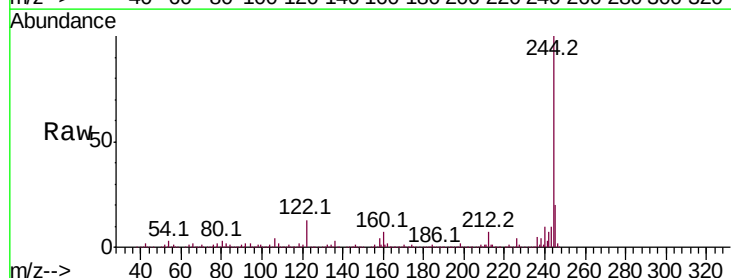
Tgt Ion:244 Resp: 1162738

Ion Ratio Lower Upper

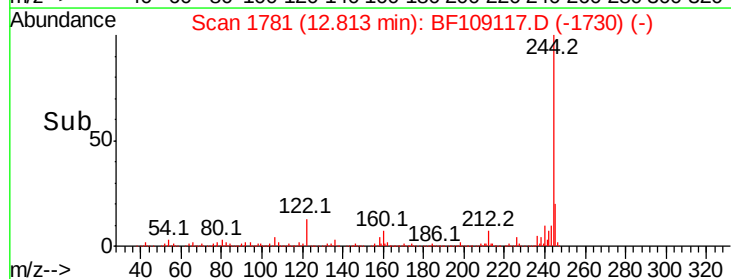
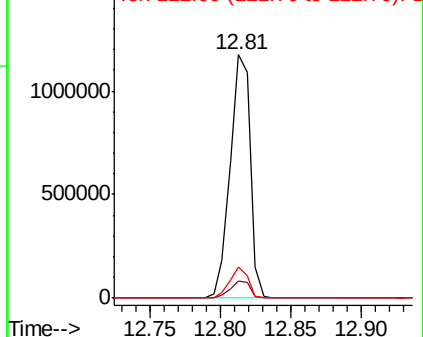
244 100

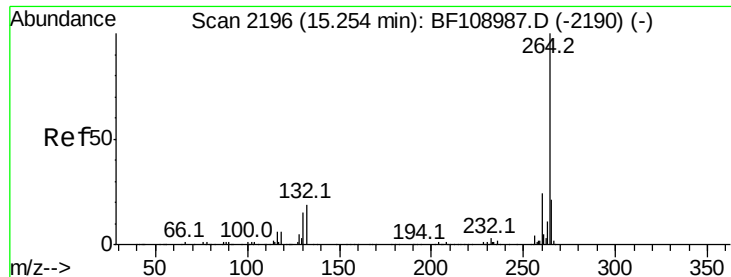
212 7.0 5.4 8.0

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109117.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

