

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109013.D
 Acq On : 14 Sep 2018 23:35
 Operator : JU/SJ
 Sample : J4906-28
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Quant Time: Sep 15 01:12:09 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	144956	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	542890	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	256556	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	460736	20.00	ng	0.00
75) Chrysene-d12	13.85	240	316109	20.00	ng	-0.01
86) Perylene-d12	15.25	264	360674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	883131	101.19	ng	0.01
7) Phenol-d6	6.35	99	1050511	93.35	ng	0.00
23) Nitrobenzene-d5	7.28	82	801136	82.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	315120	113.18	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1396138	85.26	ng	0.00
78) Terphenyl-d14	12.81	244	1236373	92.71	ng	0.00

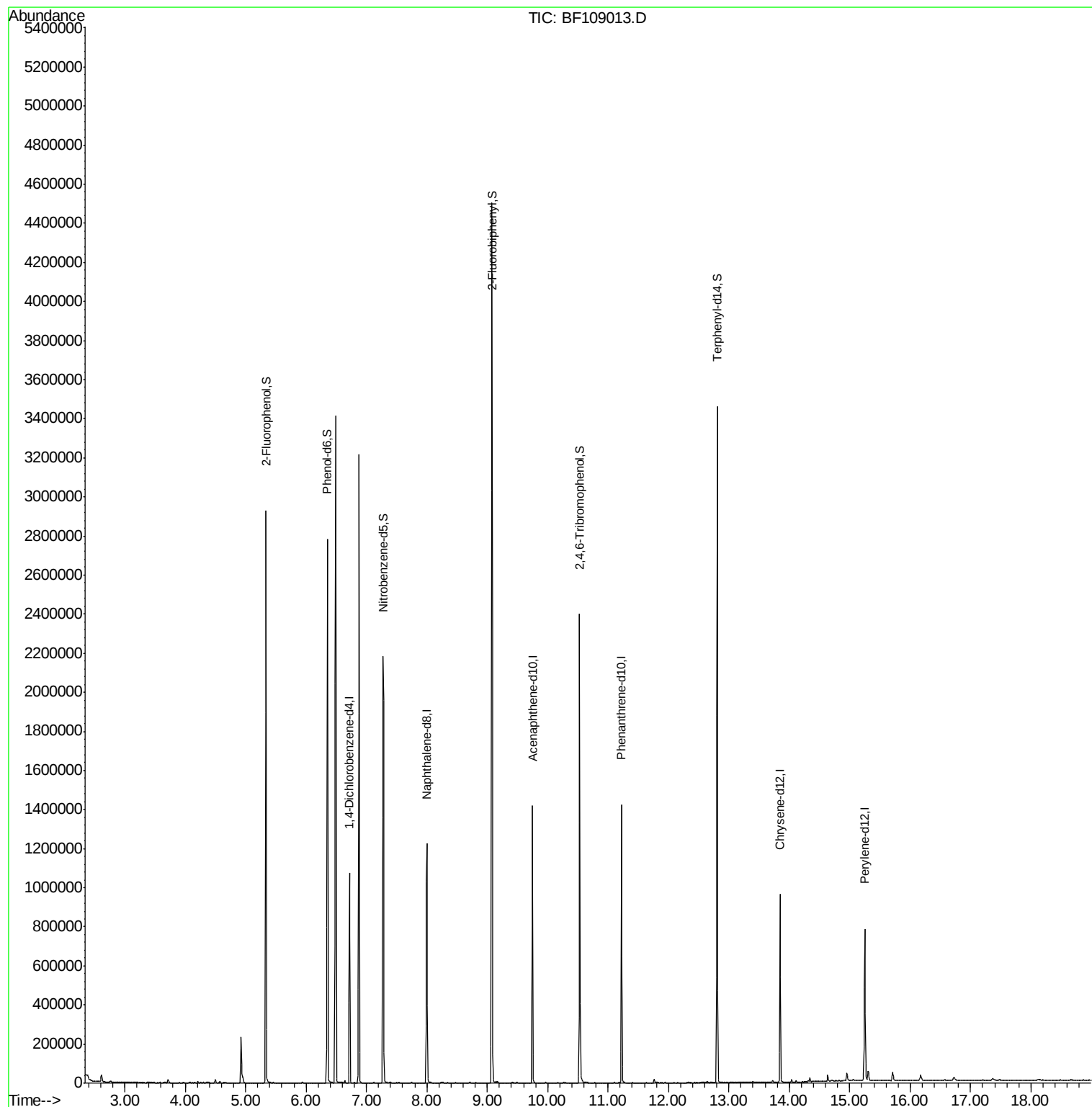
Target Compounds Qvalue

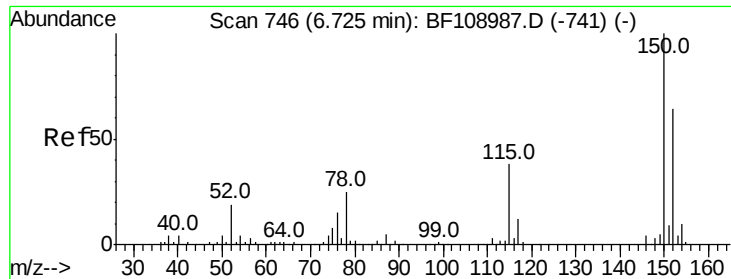
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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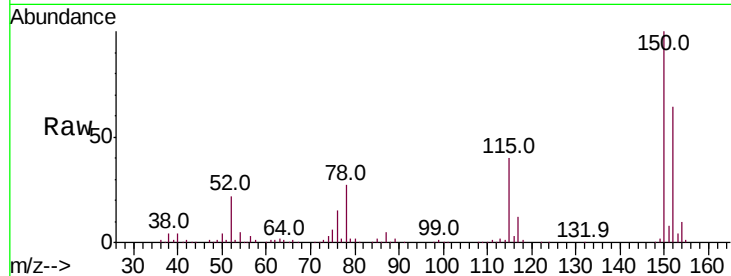


#1

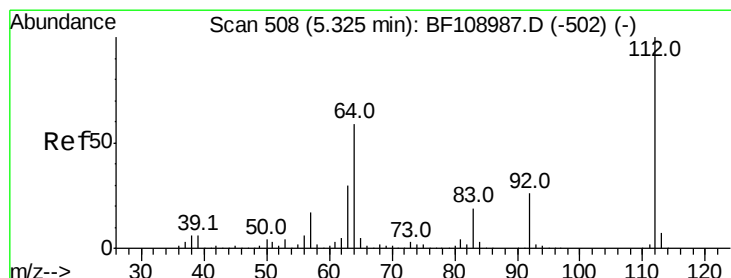
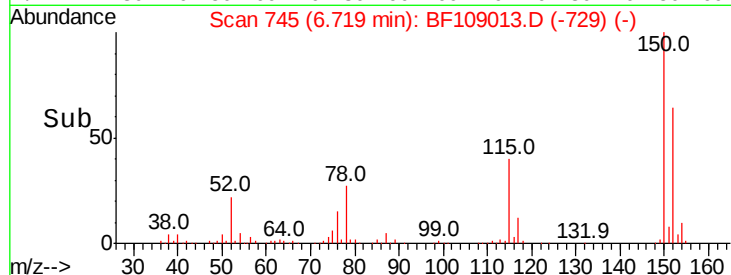
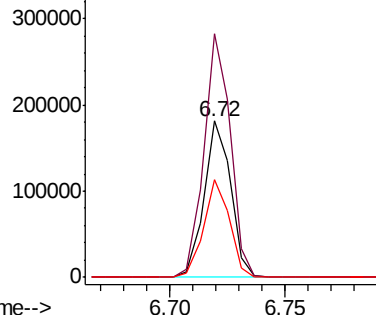
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109013.D
Acq: 14 Sep 2018 23:35

Instrument :
BNA_F
ClientSampleId :
SP-PIT-4

Tot Ion:152 Resp: 144956
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.5 50.1 75.1



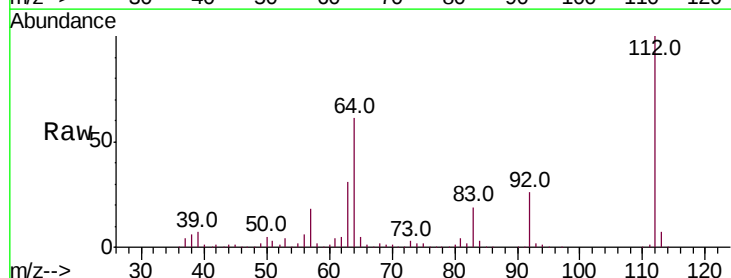
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



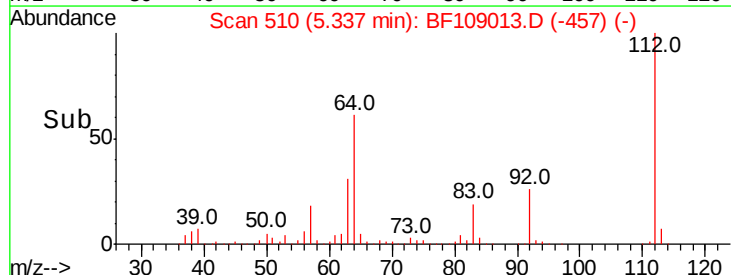
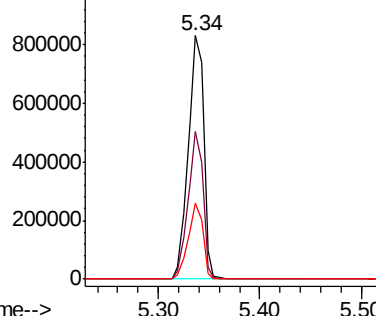
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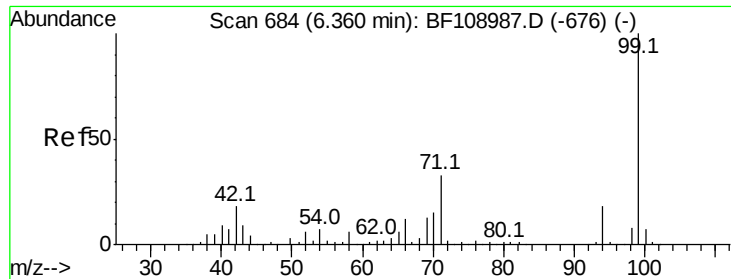
2-Fluorophenol
Concen: 101.188 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109013.D
Acq: 14 Sep 2018 23:35

Tgt Ion:112 Resp: 883131
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.3 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: 93.347 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109013.D

Acq: 14 Sep 2018 23:35

Instrument :

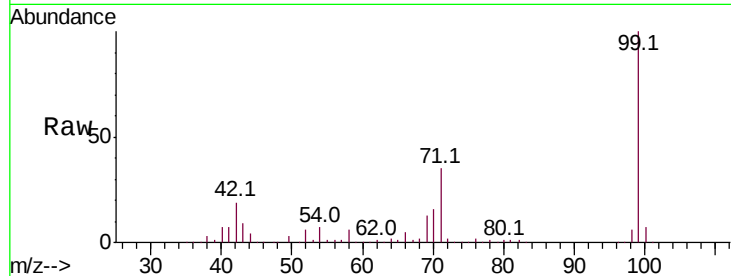
BNA_F

ClientSampled :

SP-PIT-4

Tot Ion: 99 Resp: 1050511

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.8	25.4	38.0

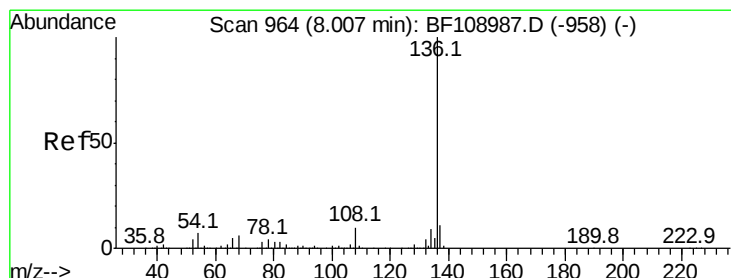
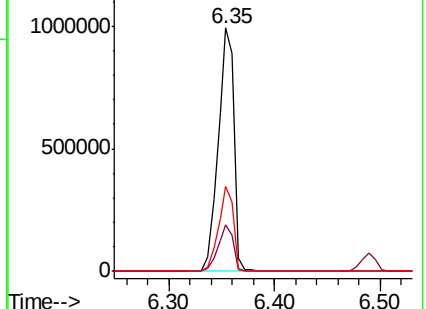
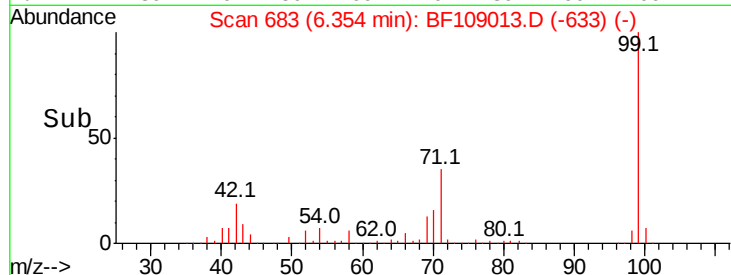


Abundance

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

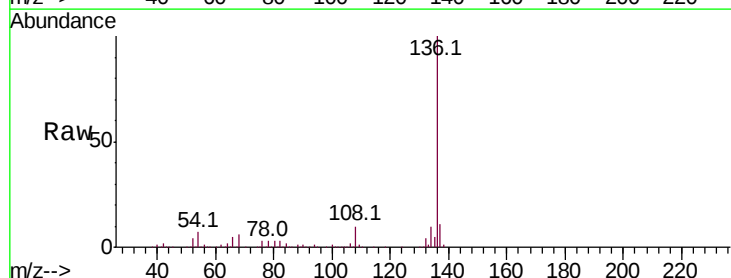
Delta R.T. -0.01 min

Lab File: BF109013.D

Acq: 14 Sep 2018 23:35

Tgt Ion: 136 Resp: 542890

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4



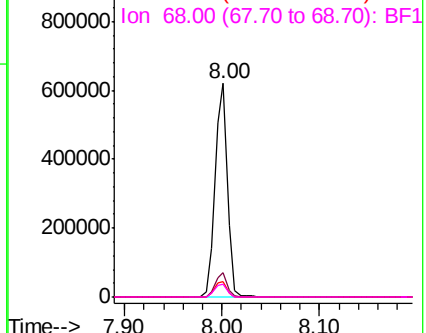
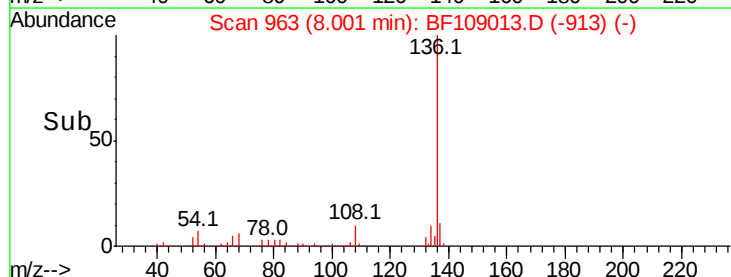
Abundance

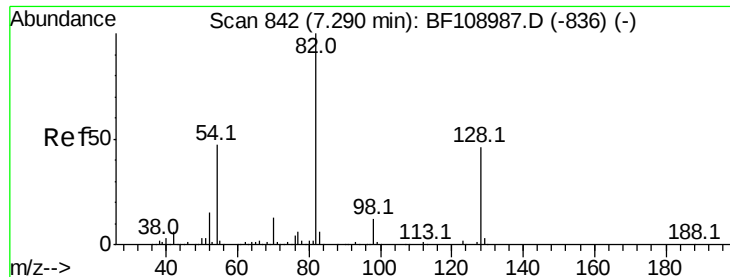
Ion 136.00 (135.70 to 136.70): E

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: 82.769 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109013.D

Acq: 14 Sep 2018 23:35

Instrument :

BNA_F

ClientSampleId :

SP-PIT-4

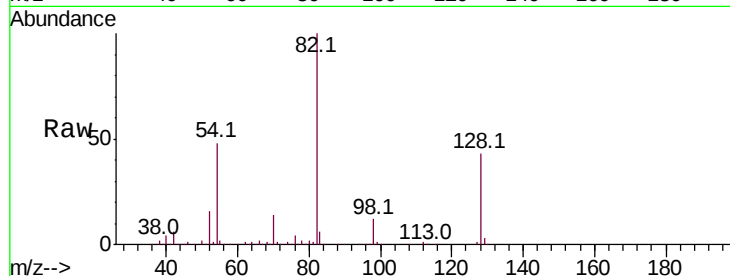
Tot Ion: 82 Resp: 801136

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

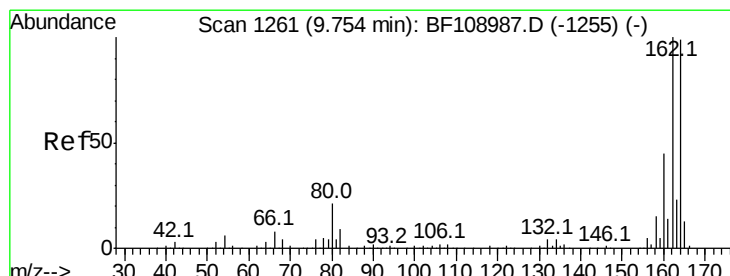
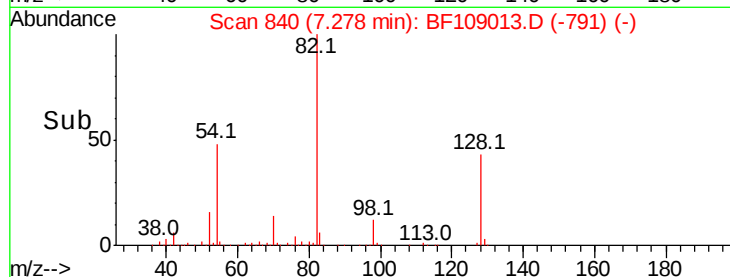
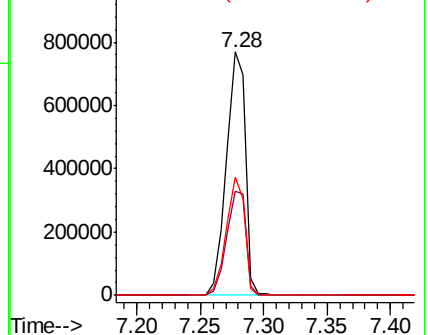
54 48.3 41.4 62.2



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# 1260

Delta R.T. -0.01 min

Lab File: BF109013.D

Acq: 14 Sep 2018 23:35

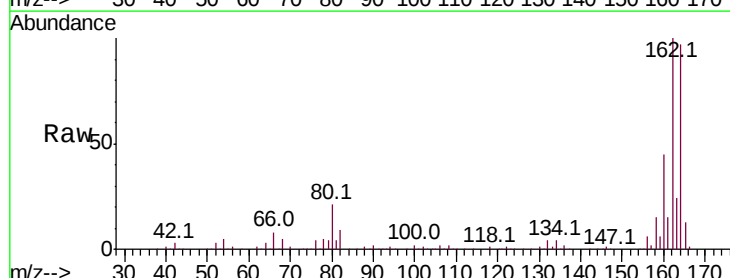
Tgt Ion:164 Resp: 256556

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

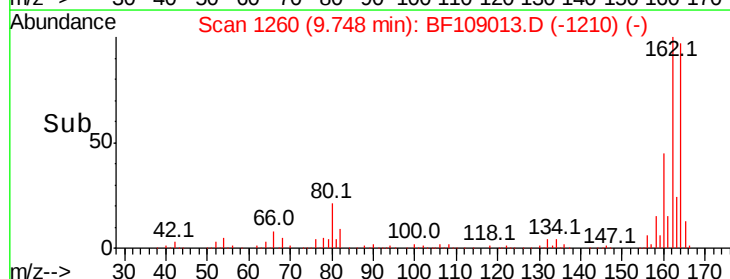
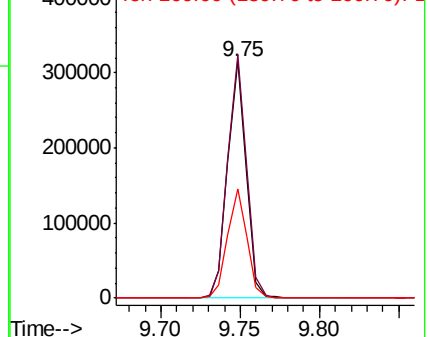
160 46.2 38.3 57.5

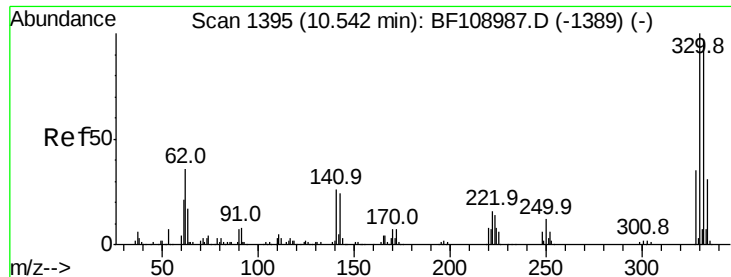


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

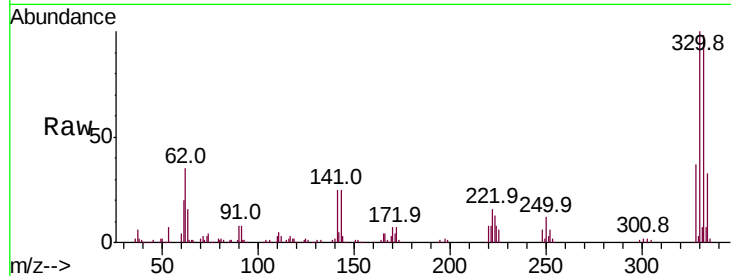




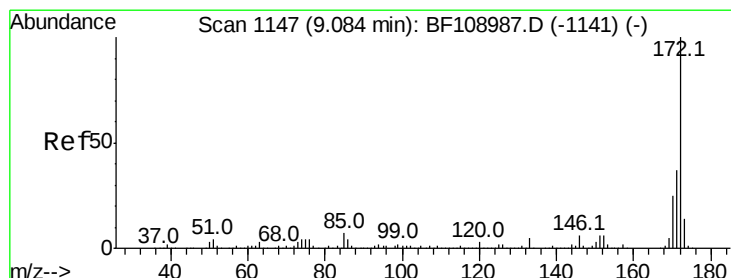
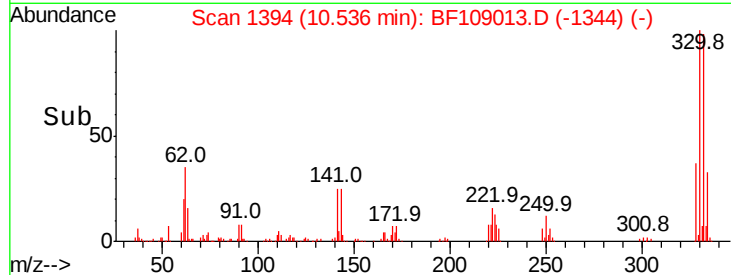
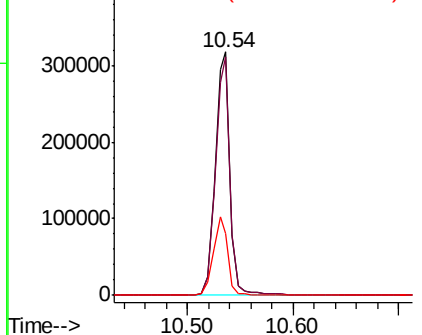
#41
 2,4,6-Tribromophenol
 Concen: 113.177 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109013.D
 Acq: 14 Sep 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.7	29.9	44.9

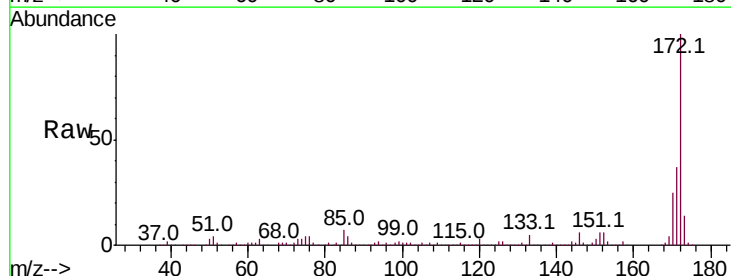


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

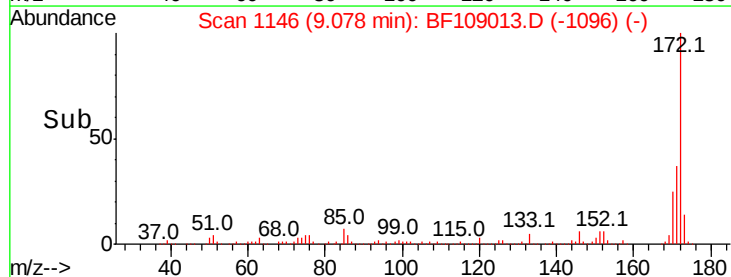
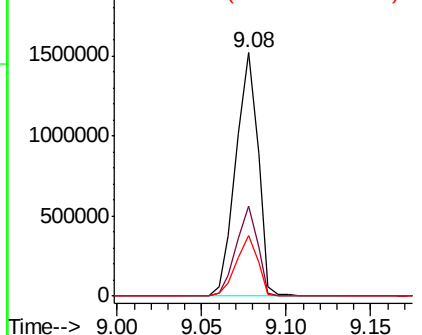


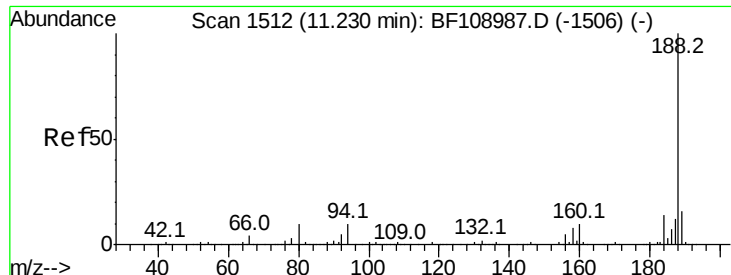
#44
 2-Fluorobiphenyl
 Concen: 85.259 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109013.D
 Acq: 14 Sep 2018 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	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

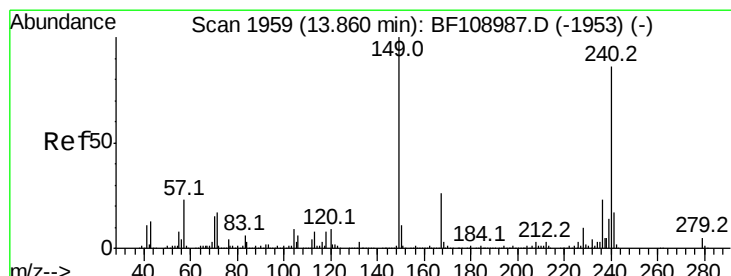
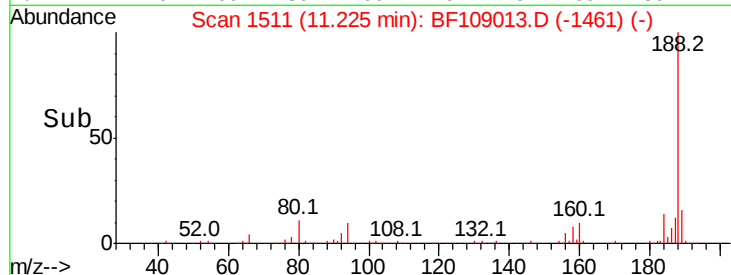
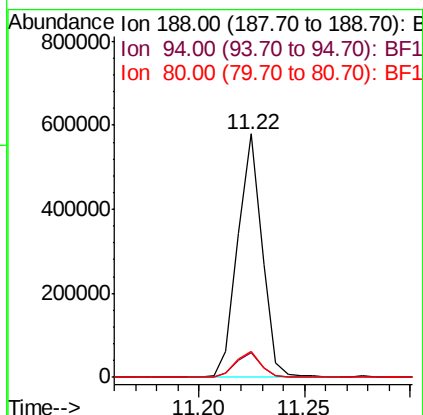
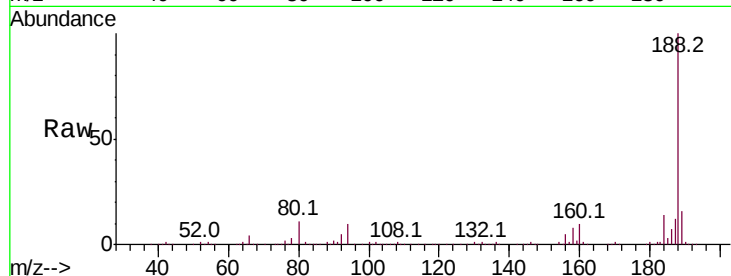




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109013.D
 Acq: 14 Sep 2018 23:35

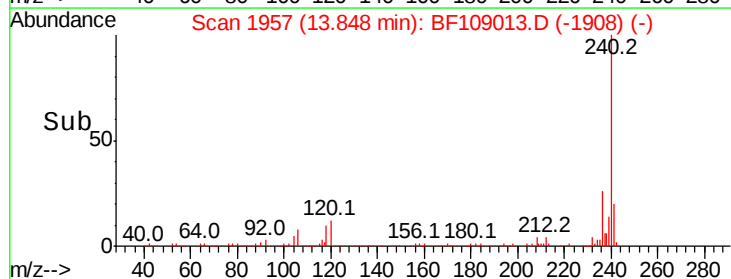
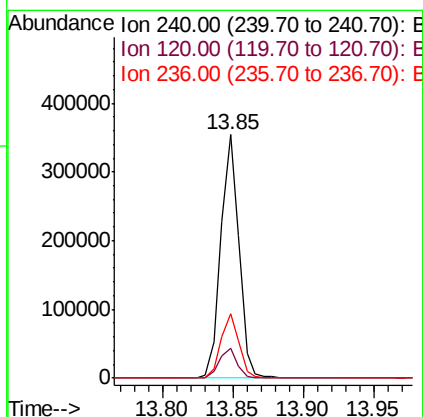
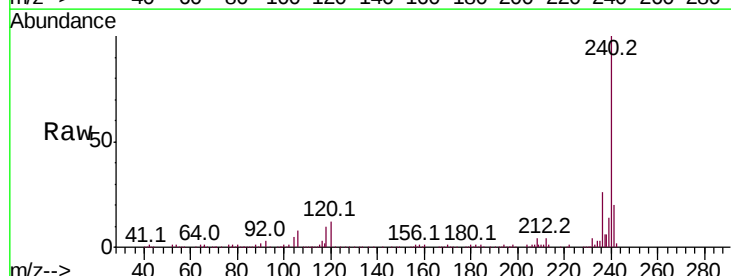
Instrument :
 BNA_F
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 SP-PIT-4

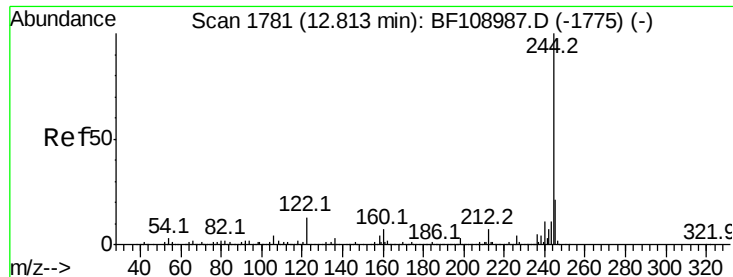
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109013.D
 Acq: 14 Sep 2018 23:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.4	20.7	31.1



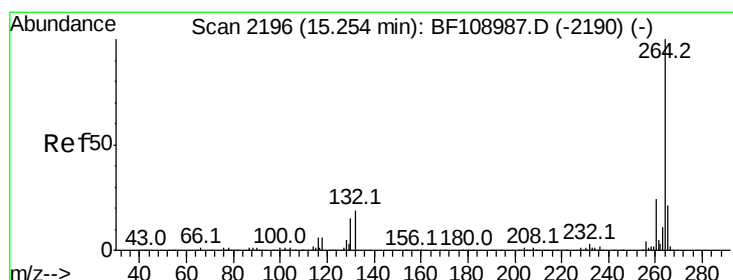
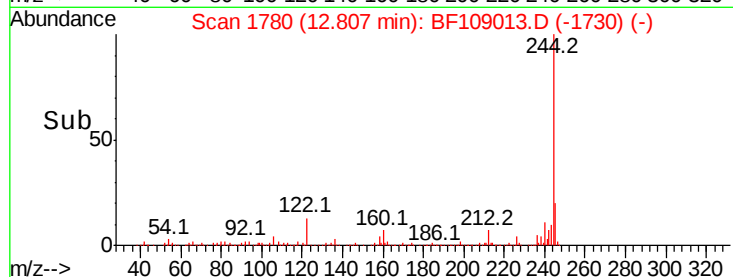
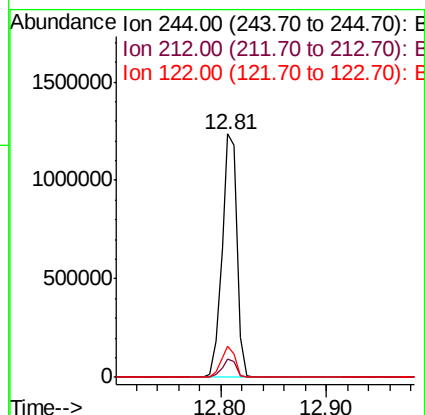
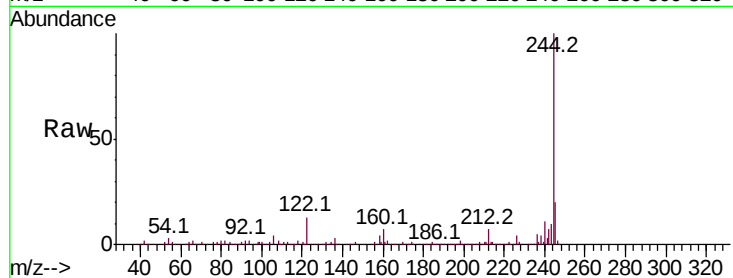


#78
 Terphenyl-d14
 Concen: 92.706 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109013.D
 Acq: 14 Sep 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Tot Ion:244 Resp: 1236373

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF109013.D
 Acq: 14 Sep 2018 23:35

Tgt Ion:264 Resp: 360674

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.9	17.5	26.3

