

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109861.D
 Acq On : 13 Oct 2018 4:11
 Operator : JU/SJ
 Sample : J5444-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-U-B

Quant Time: Oct 13 05:06:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

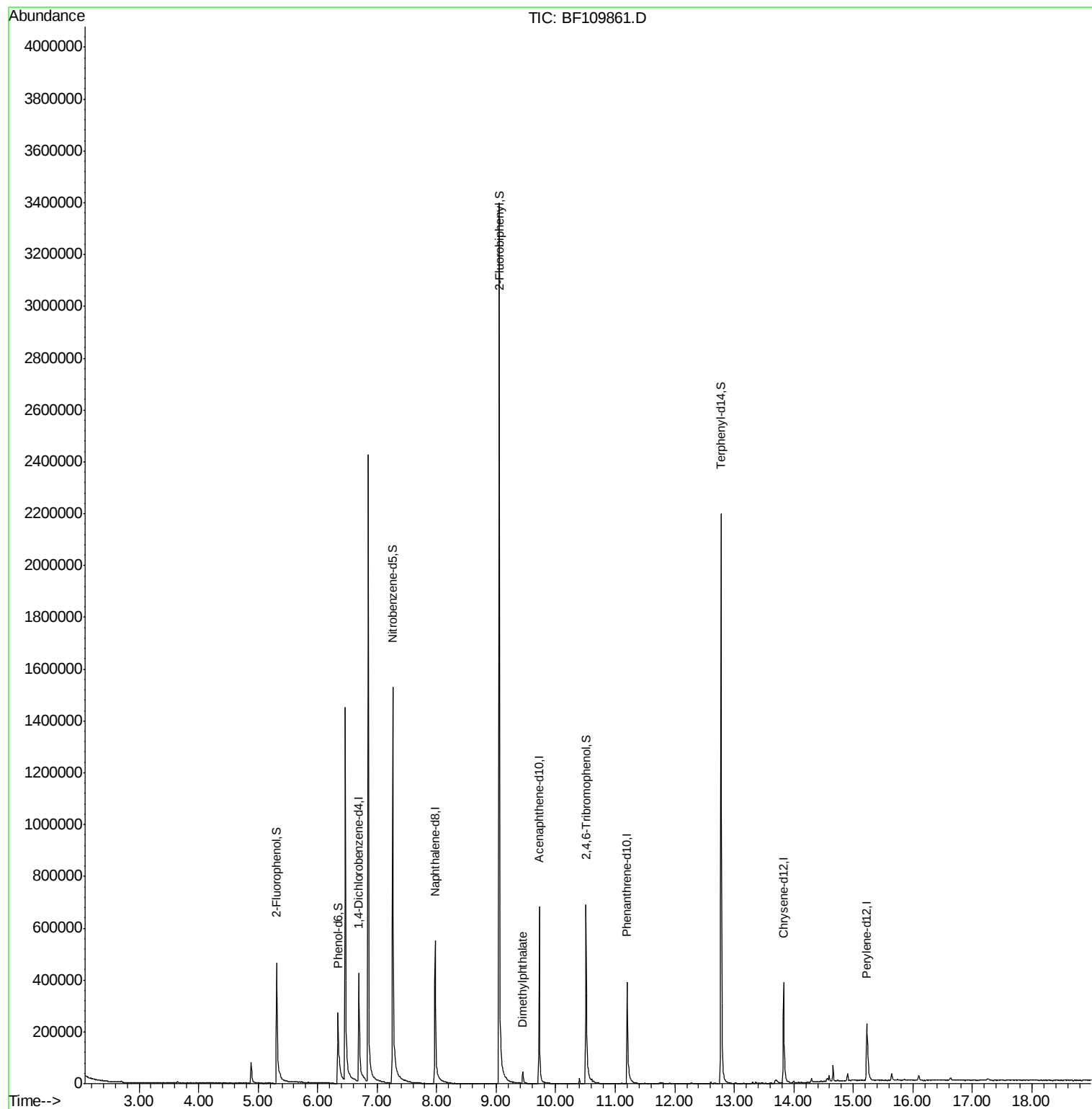
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	95518	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	383819	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	153367	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	240278	20.00	ng	0.00
75) Chrysene-d12	13.83	240	195189	20.00	ng	0.00
86) Perylene-d12	15.23	264	150744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	216882	40.30	ng	-0.01
7) Phenol-d6	6.34	99	186079	25.89	ng	-0.02
23) Nitrobenzene-d5	7.26	82	745434	107.06	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	125220	74.93	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1258099	112.98	ng	0.00
78) Terphenyl-d14	12.78	244	873002	86.58	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	27672	2.460	ng	99

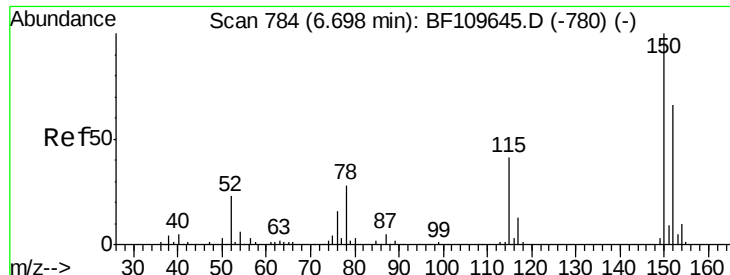
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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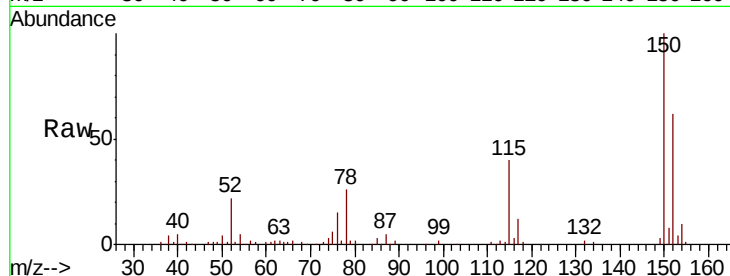


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109861.D
Acq: 13 Oct 2018 4:11

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	122.7	184.1
115	64.3	49.1	73.7

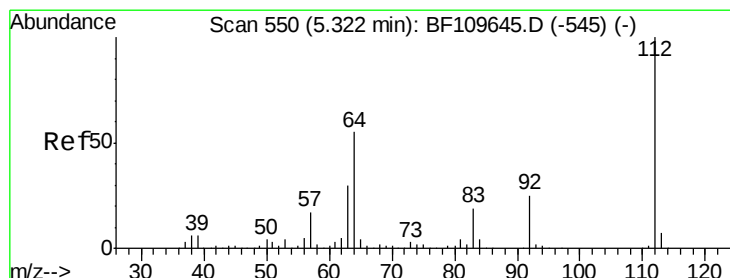
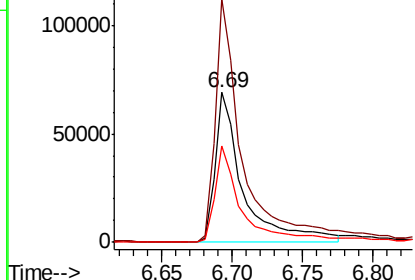
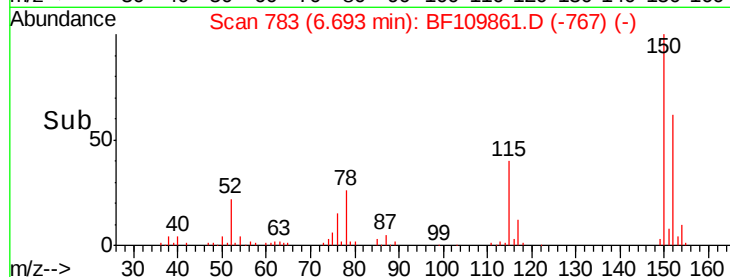


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

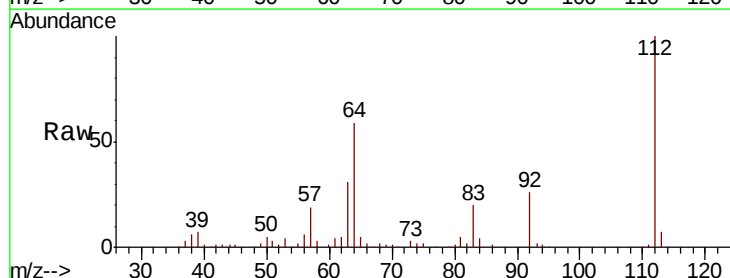
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.304 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109861.D
Acq: 13 Oct 2018 4:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.3	23.7	35.5

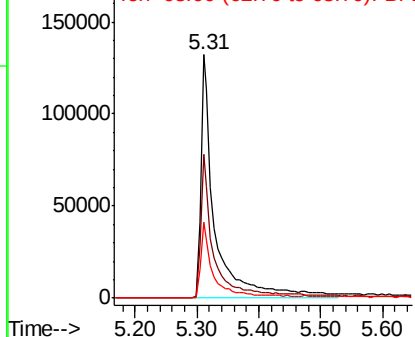
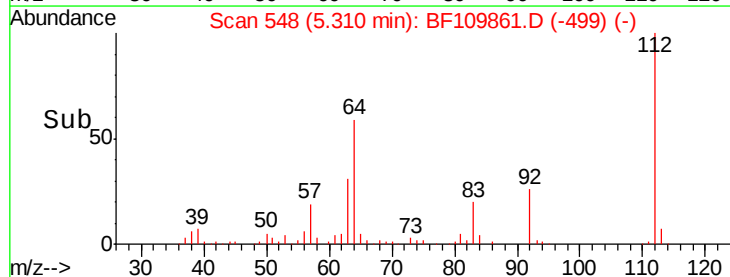


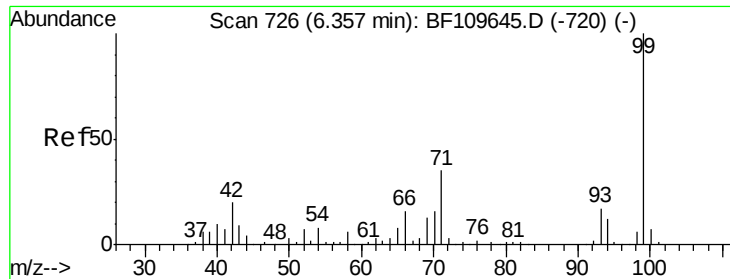
Abundance

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: 25.885 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109861.D

Acq: 13 Oct 2018 4:11

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-U-B

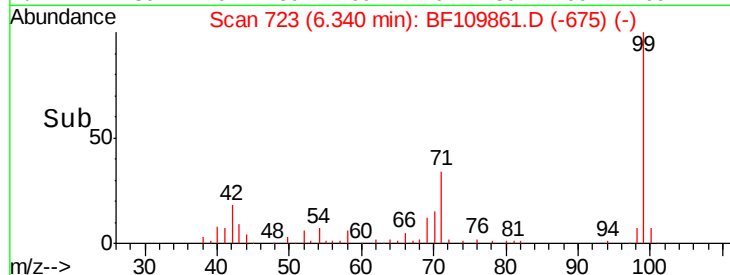
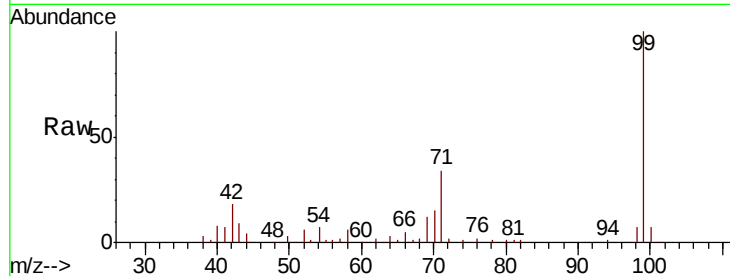
Tot Ion: 99 Resp: 186079

Ion Ratio Lower Upper

99 100

42 17.6 15.8 23.6

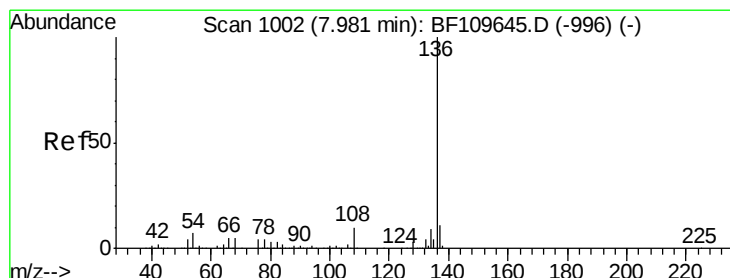
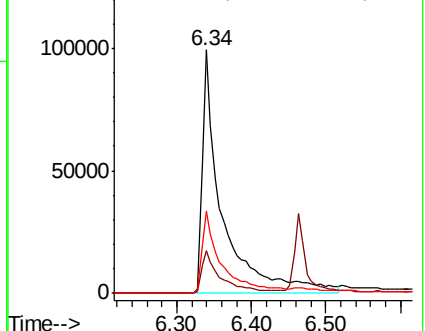
71 33.9 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109861.D

Acq: 13 Oct 2018 4:11

Tgt Ion: 136 Resp: 383819

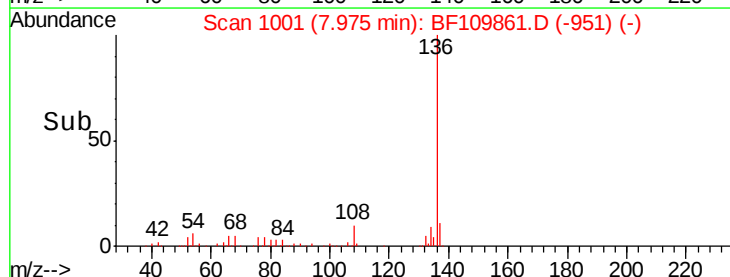
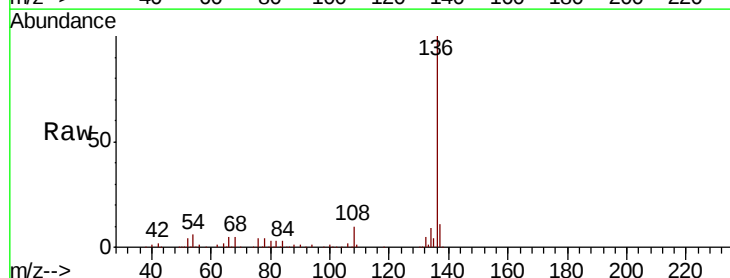
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.5 5.4 8.2

68 5.1 4.2 6.2

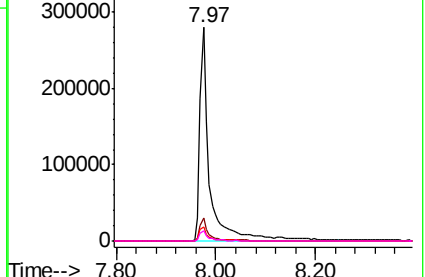


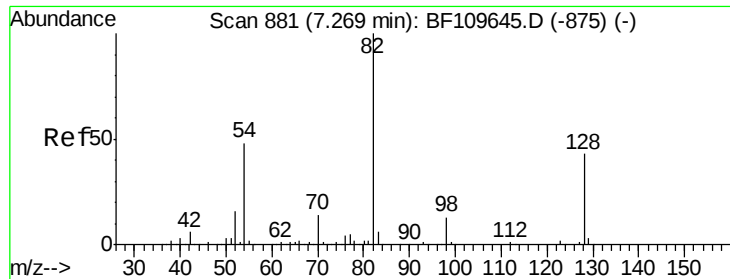
Abundance Ion 136.00 (135.70 to 136.70): E

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

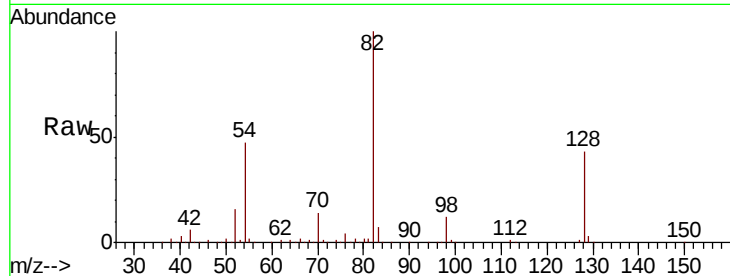




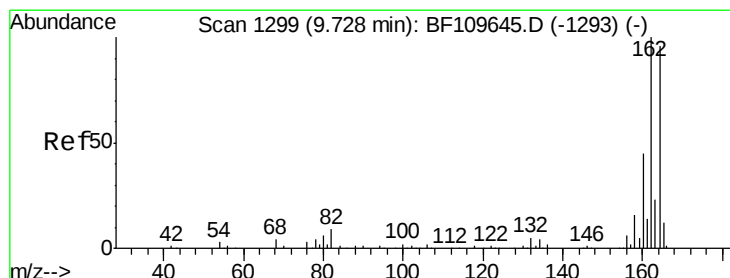
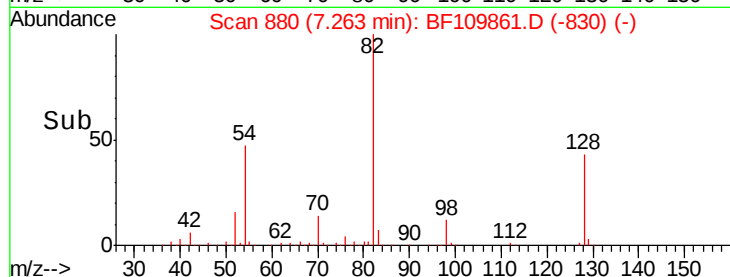
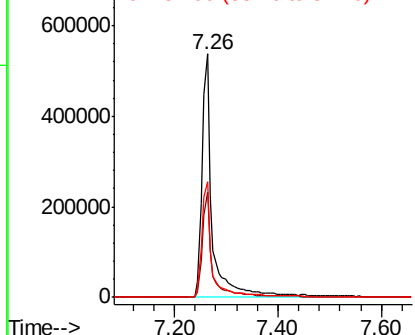
#23
Nitrobenzene-d5
Concen: 107.058 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109861.D
Acq: 13 Oct 2018 4:11

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-U-B

Tot Ion	82	Resp	745434
Ion Ratio	100	Lower	Upper
128	43.1	34.2	51.2
54	47.3	38.6	58.0

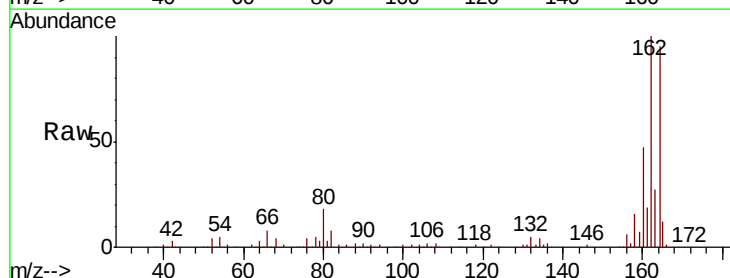


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

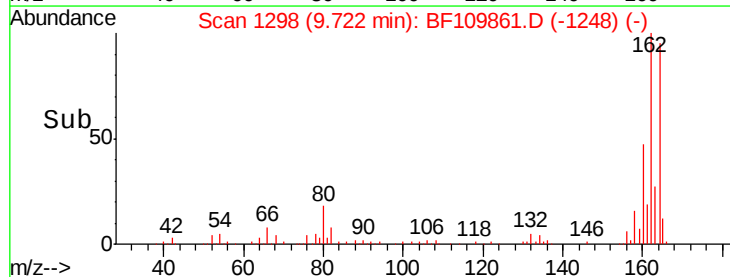
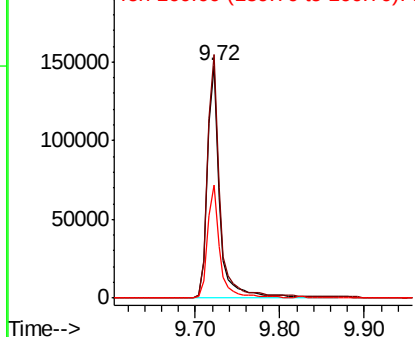


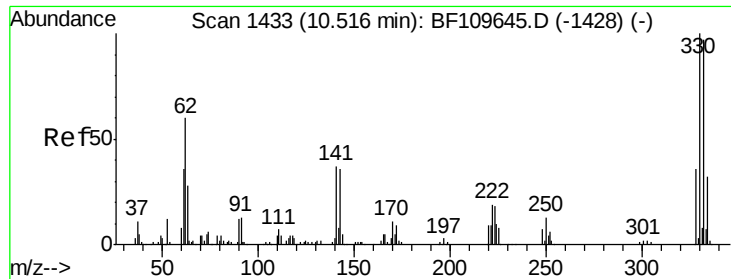
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109861.D
Acq: 13 Oct 2018 4:11

Tgt Ion	164	Resp	153367
Ion Ratio	100	Lower	Upper
162	104.7	83.0	124.6
160	48.9	37.0	55.6



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

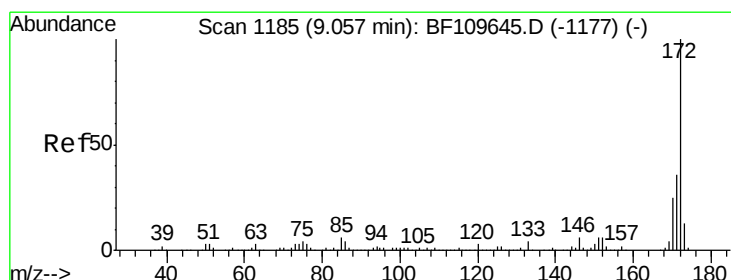
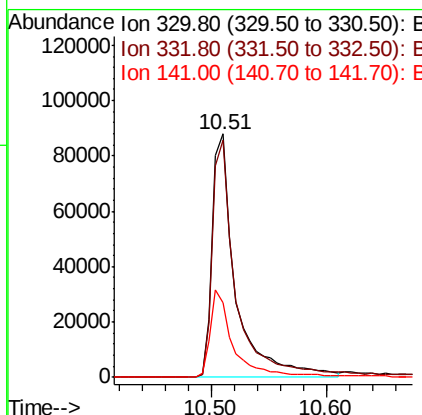
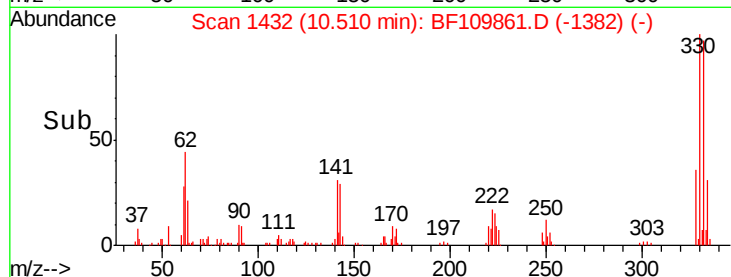
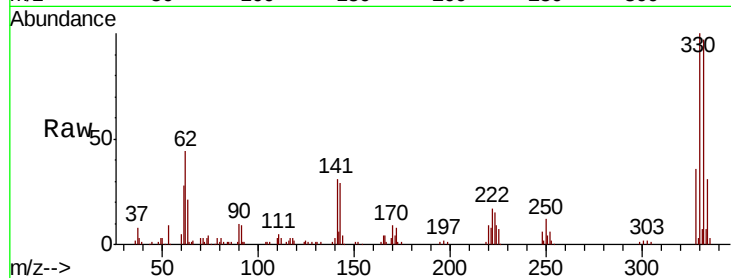




#41
 2,4,6-Tribromophenol
 Concen: 74.933 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109861.D
 Acq: 13 Oct 2018 4:11

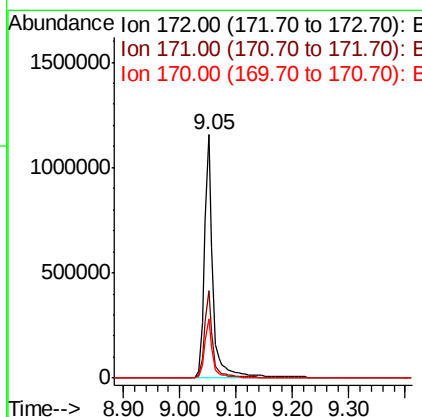
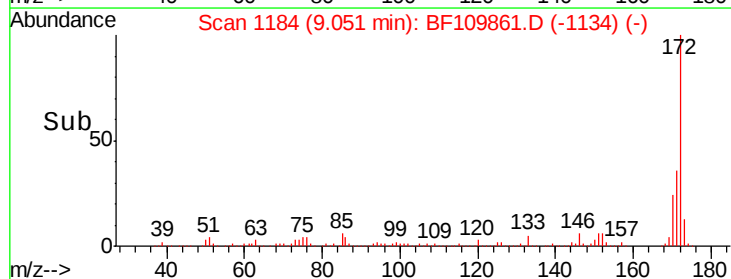
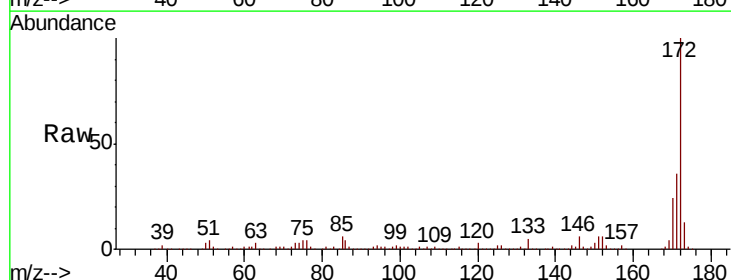
Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-U-B

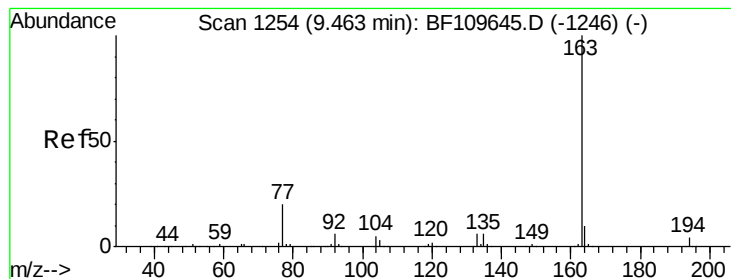
Tot Ion	330	Resp	125220
Ion Ratio	100	Lower	Upper
330	100		
332	99.8	77.1	115.7
141	36.5	27.0	40.4



#44
 2-Fluorobiphenyl
 Concen: 112.979 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109861.D
 Acq: 13 Oct 2018 4:11

Tgt Ion	172	Resp	1258099
Ion Ratio	100	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.7	29.5





#49

Dimethylphthalate

Concen: 2.460 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109861.D

Acq: 13 Oct 2018 4:11

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-U-B

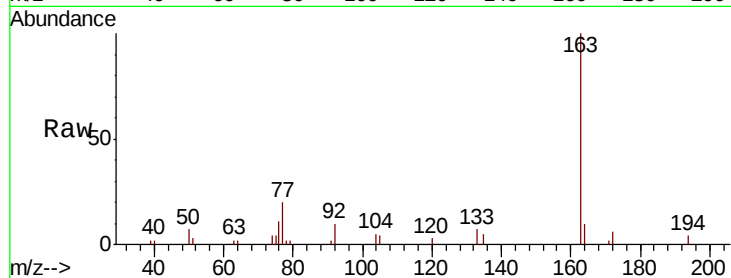
Tot Ion:163 Resp: 27672

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

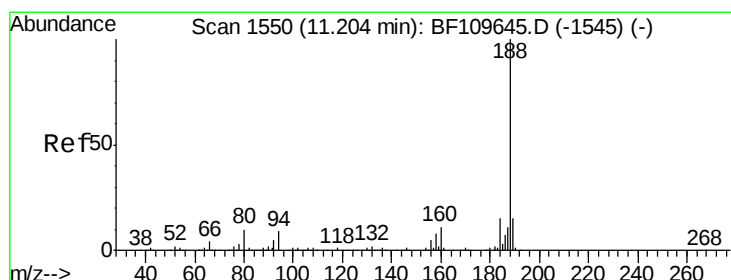
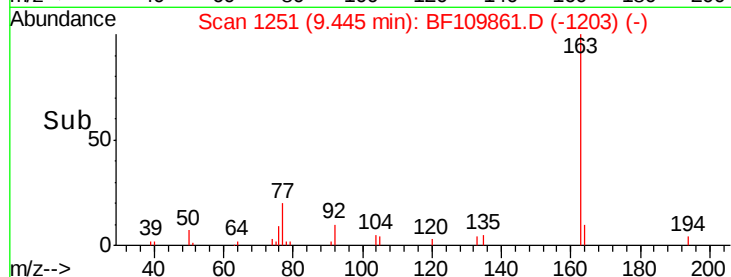
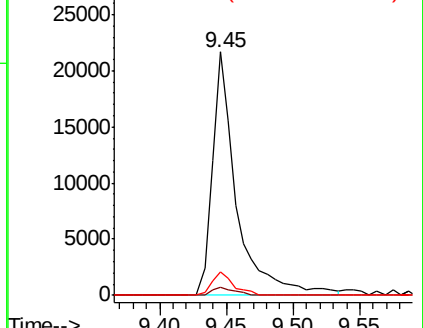
164 9.8 8.1 12.1



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: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109861.D

Acq: 13 Oct 2018 4:11

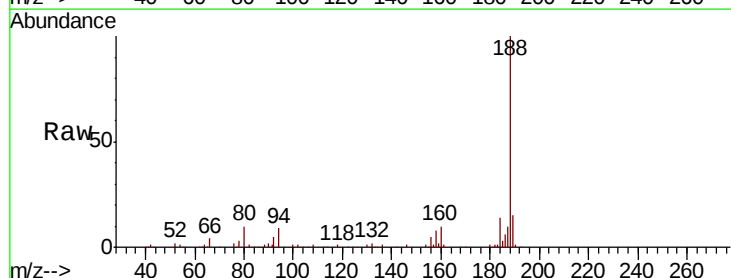
Tgt Ion:188 Resp: 240278

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

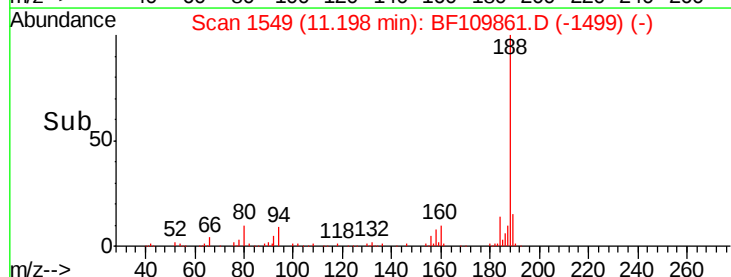
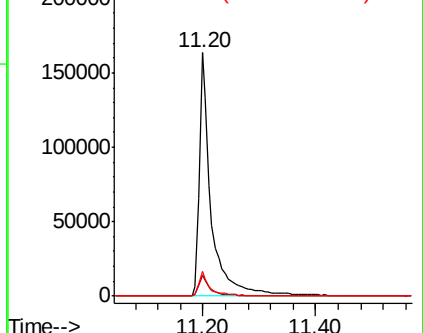
80 9.9 7.9 11.9

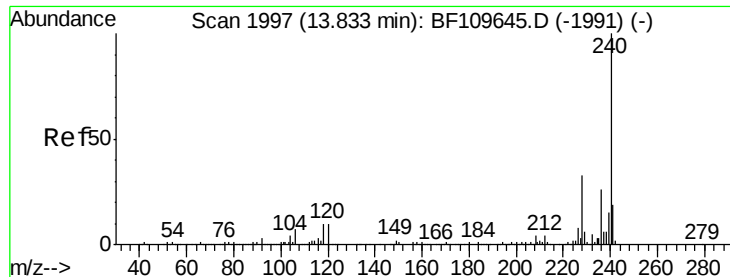


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109861.D

Acq: 13 Oct 2018 4:11

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-U-B

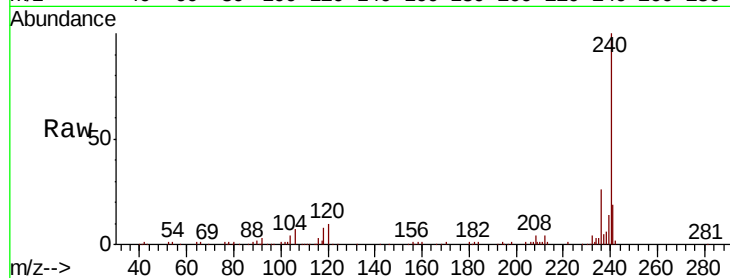
Tot Ion:240 Resp: 195189

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

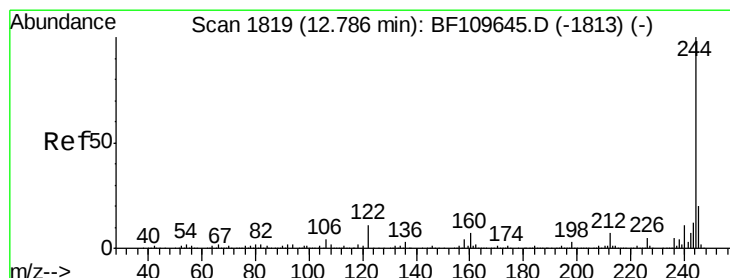
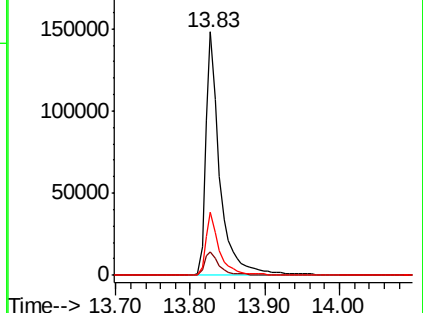
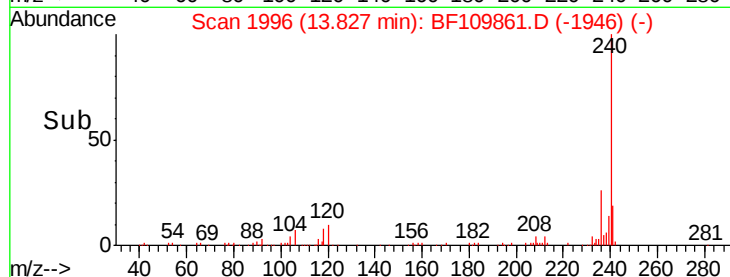
236 26.0 21.2 31.8



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: 86.582 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109861.D

Acq: 13 Oct 2018 4:11

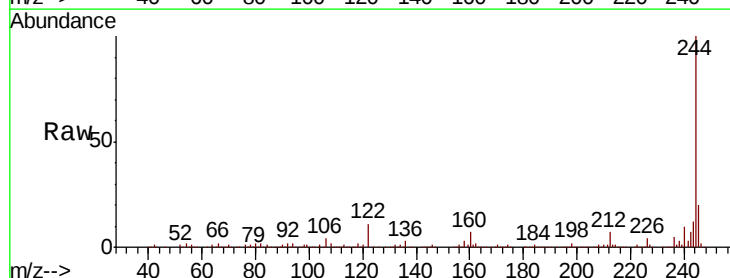
Tgt Ion:244 Resp: 873002

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

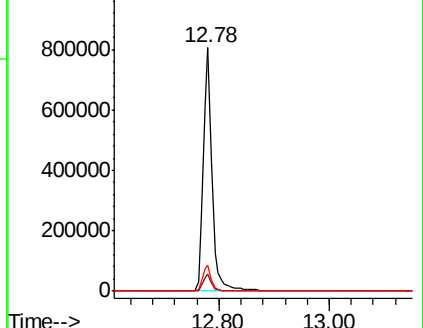
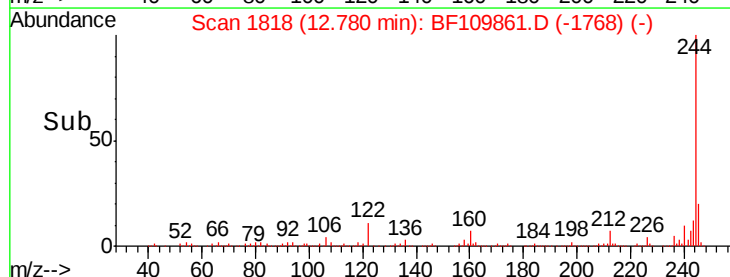
122 10.7 8.7 13.1

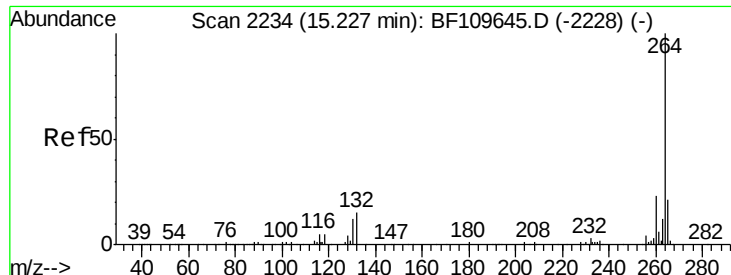


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



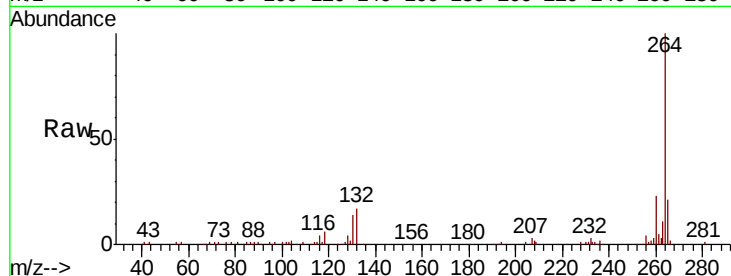


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109861.D
Acq: 13 Oct 2018 4:11

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-U-B

Tot Ion:264 Resp: 150744

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	16.7	25.1



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

