

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108613.D
 Acq On : 29 Aug 2018 19:10
 Operator : JU/SJ
 Sample : J4683-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-D-S

Quant Time: Aug 30 01:29:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

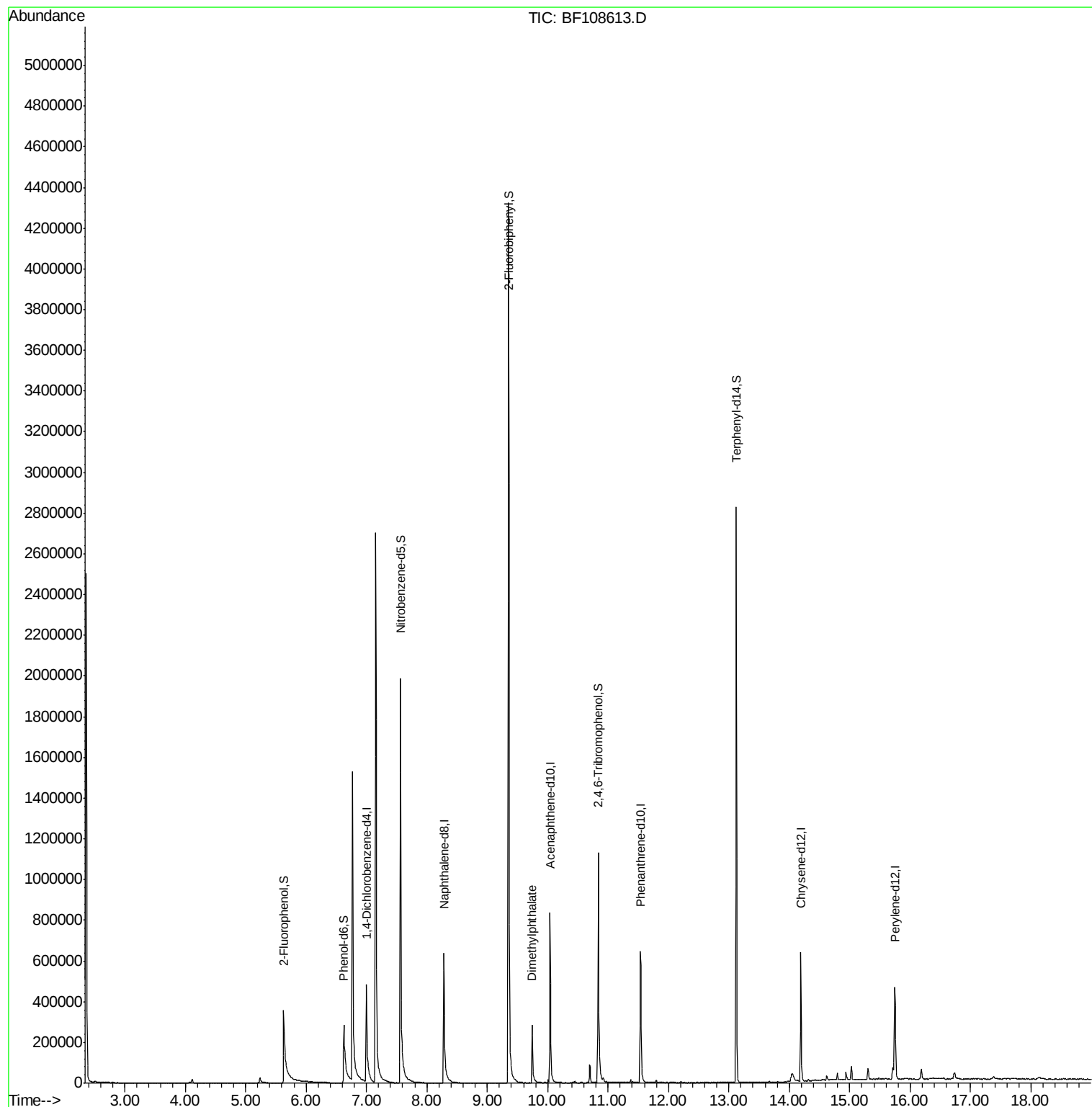
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	117909	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	441523	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	197319	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	312729	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	254551	20.00	ng	-0.01
86) Perylene-d12	15.75	264	251868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	255188	39.18	ng	0.00
7) Phenol-d6	6.62	99	233944	27.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	852091	107.69	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	183041	93.00	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1508275	122.72	ng	-0.01
78) Terphenyl-d14	13.12	244	1029681	102.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	161303	11.735	ng	Qvalue 99

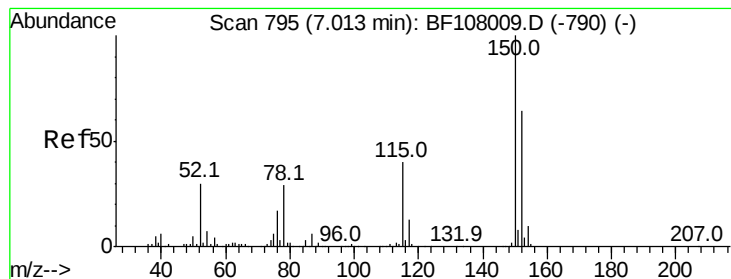
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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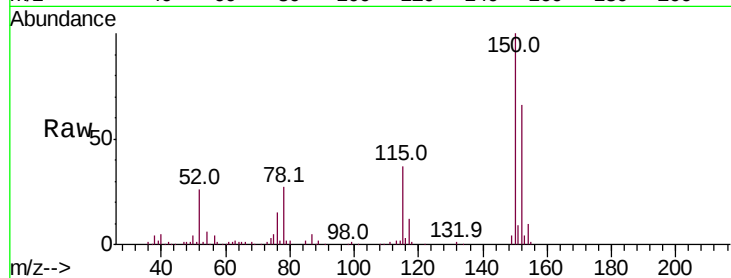


#1

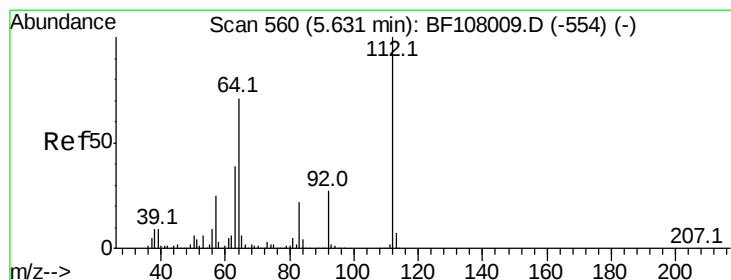
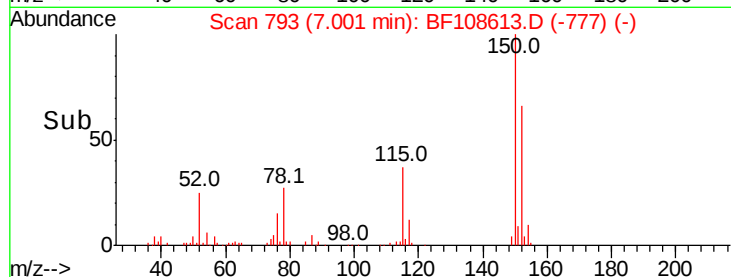
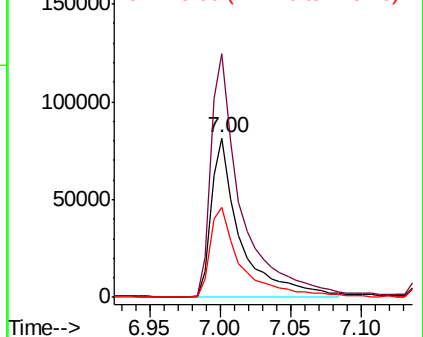
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-S

Tot Ion:152 Resp: 117909
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 56.0 50.1 75.1



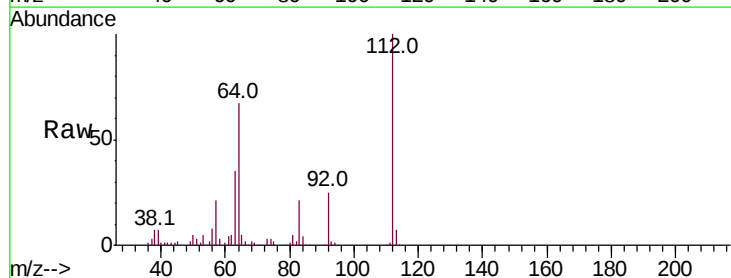
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



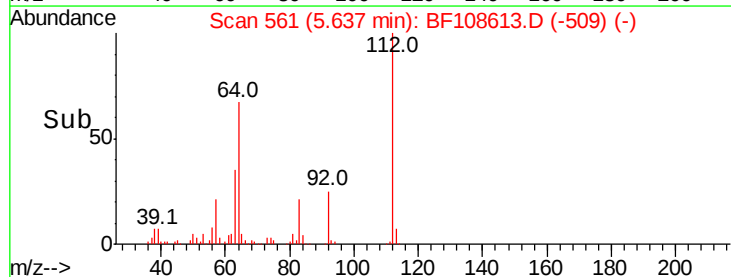
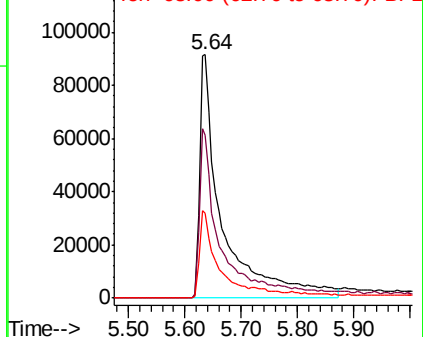
#5

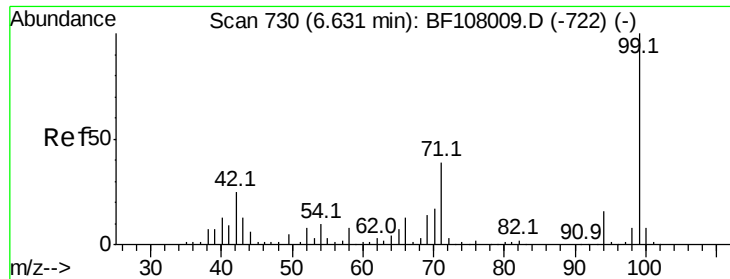
2-Fluorophenol
Concen: 39.183 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Tgt Ion:112 Resp: 255188
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 35.0 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: 27.032 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-D-S

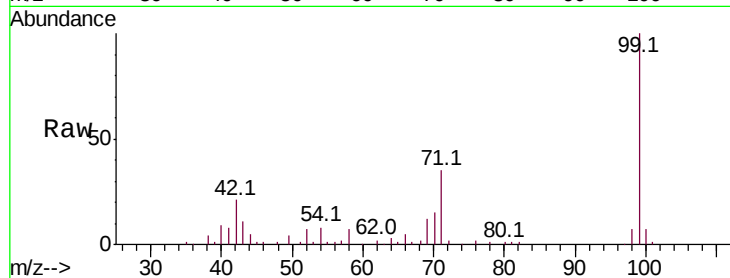
Tot Ion: 99 Resp: 233944

Ion Ratio Lower Upper

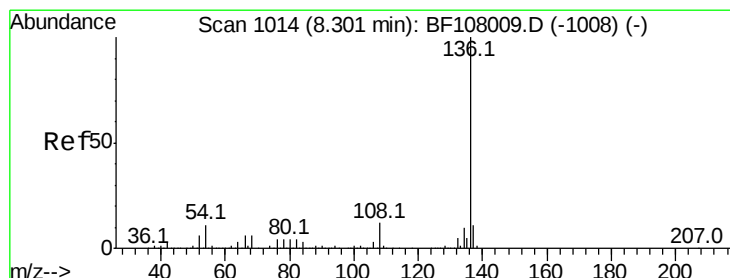
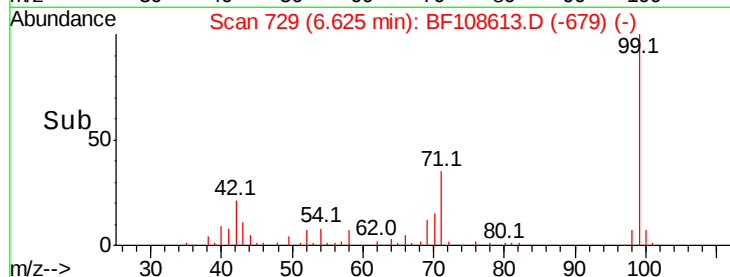
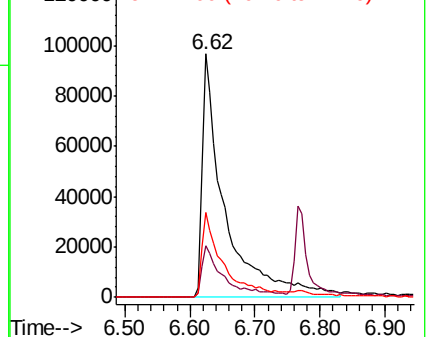
99 100

42 21.0 14.5 21.7

71 34.6 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Tgt Ion: 136 Resp: 441523

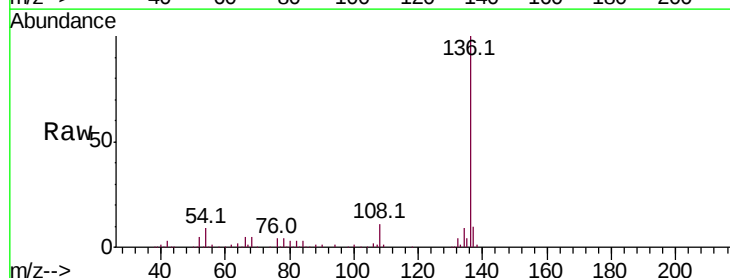
Ion Ratio Lower Upper

136 100

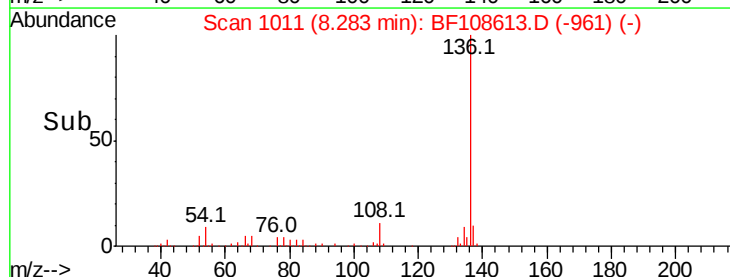
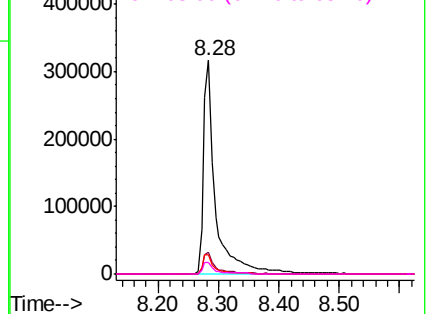
137 10.3 8.9 13.3

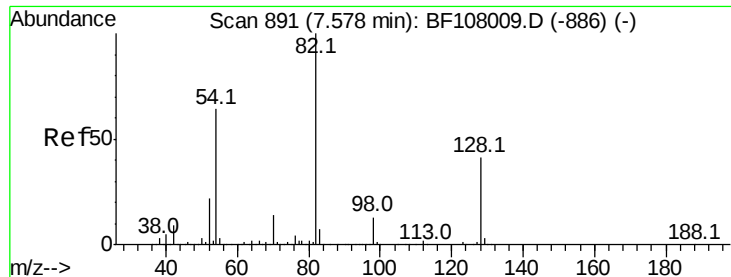
54 8.8 6.6 9.8

68 5.2 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

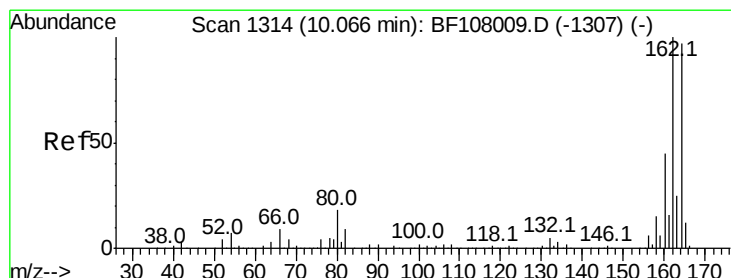
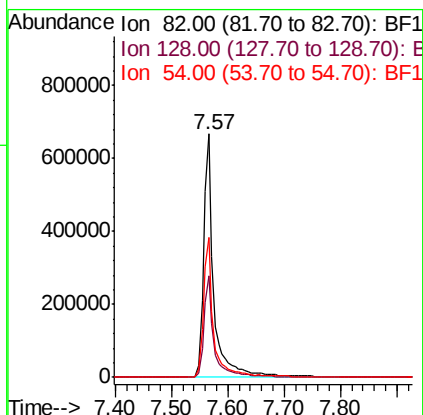
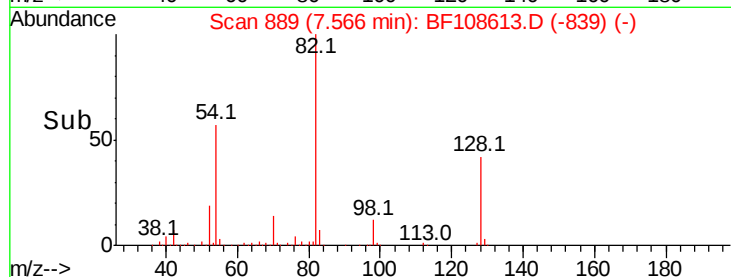
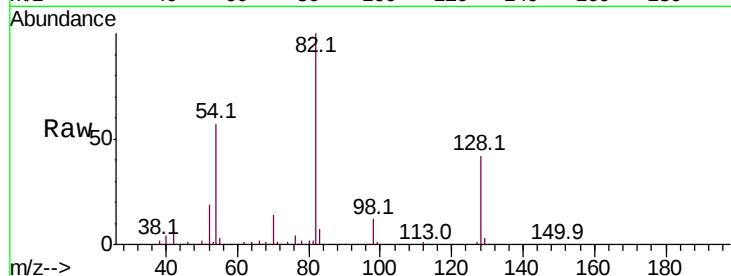




#23
Nitrobenzene-d5
Concen: 107.691 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

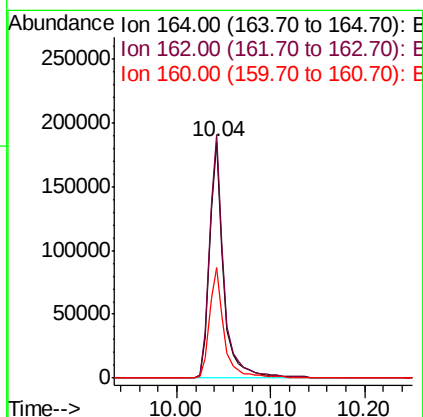
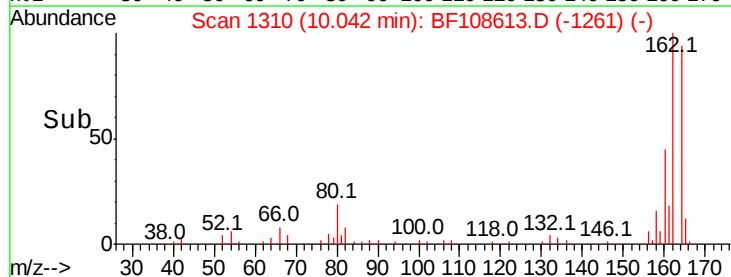
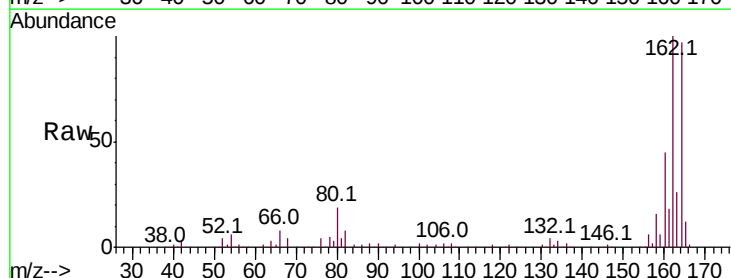
Instrument :
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ClientSampleId :
082718-SIDI-F-D-S

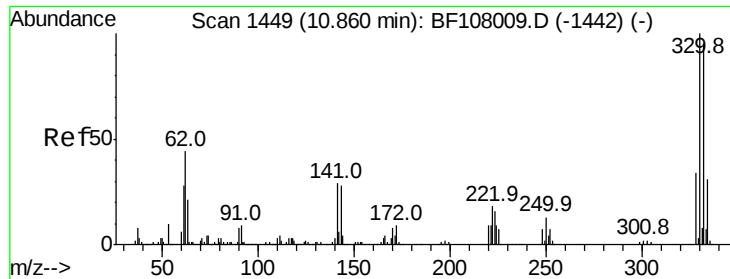
Tot Ion: 82 Resp: 852091
Ion Ratio Lower Upper
82 100
128 41.5 36.1 54.1
54 57.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Tgt Ion:164 Resp: 197319
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 46.6 38.3 57.5

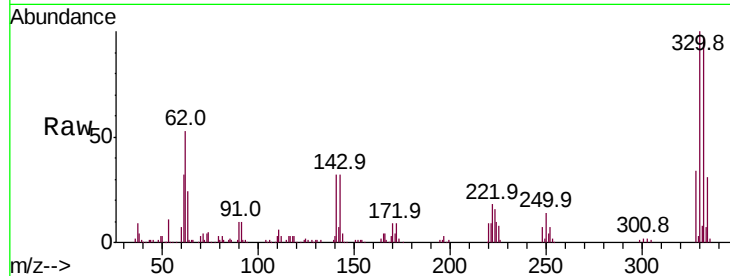




#41
 2,4,6-Tribromophenol
 Concen: 92.999 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.8	29.9	44.9

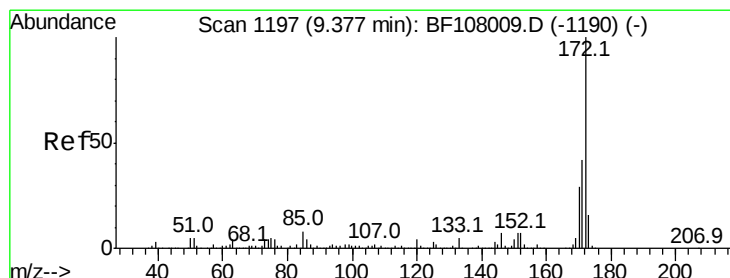
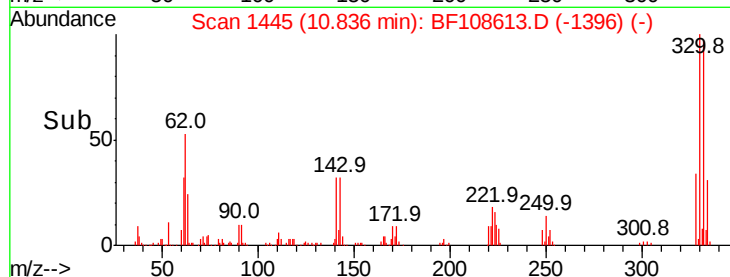
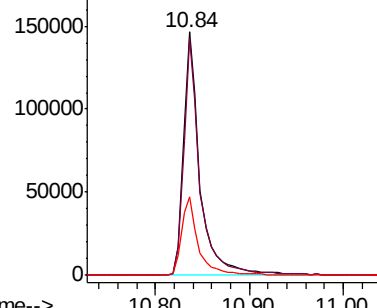


Abundance

Ion 329.80 (329.50 to 330.50): E

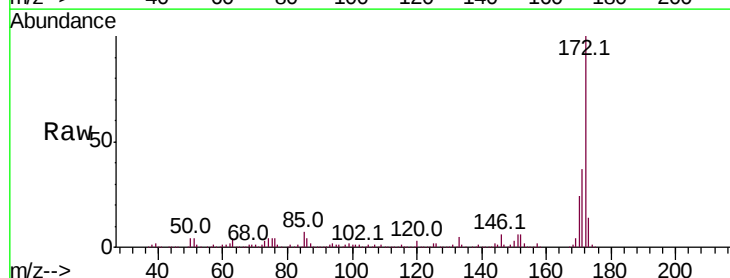
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 122.719 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

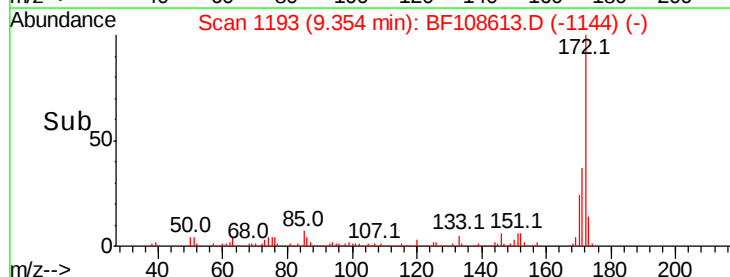
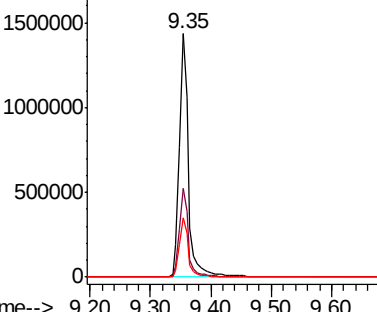


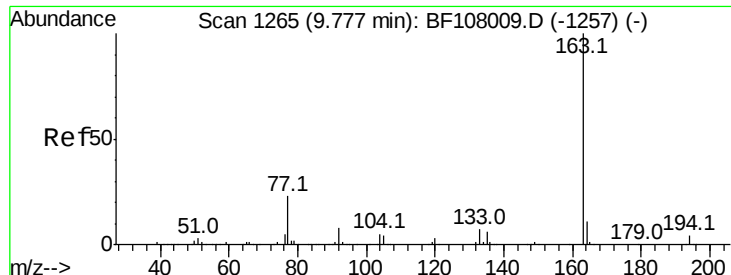
Abundance

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

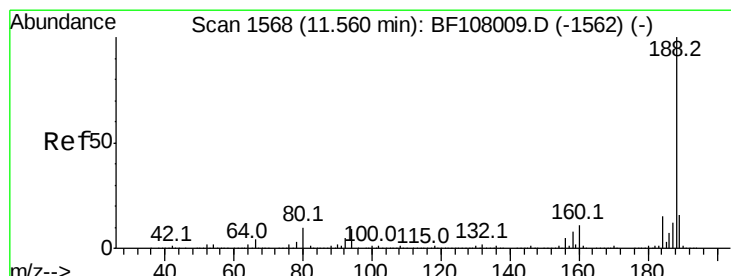
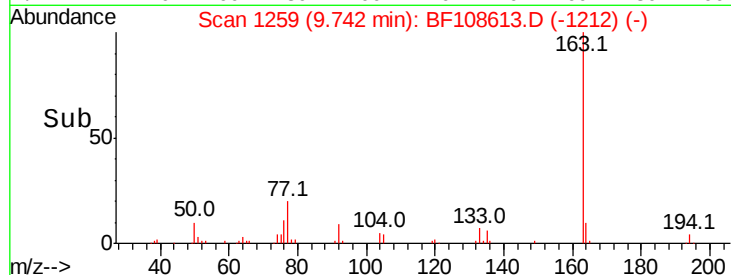
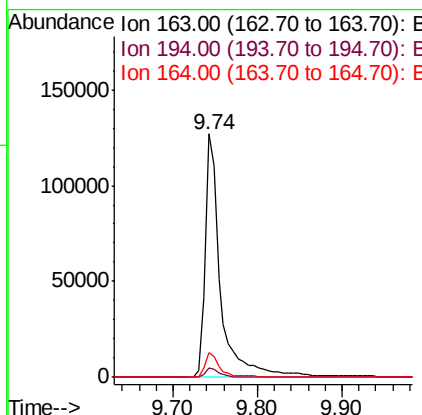
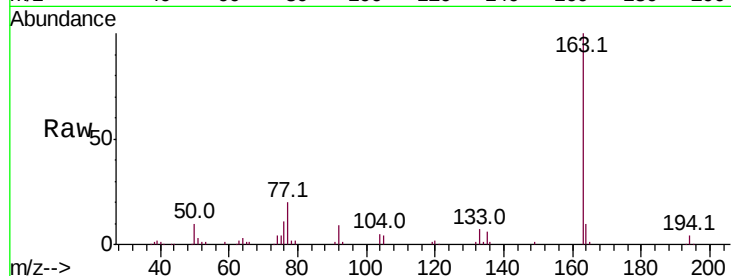




#49
Dimethylphthalate
Concen: 11.735 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

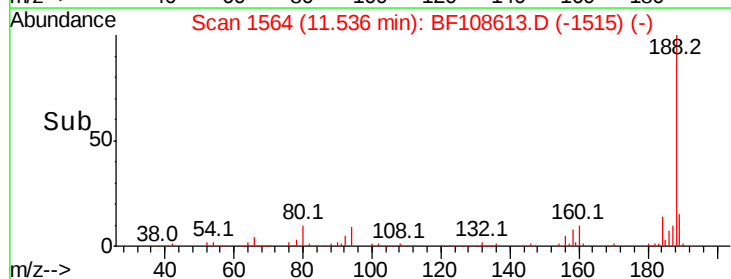
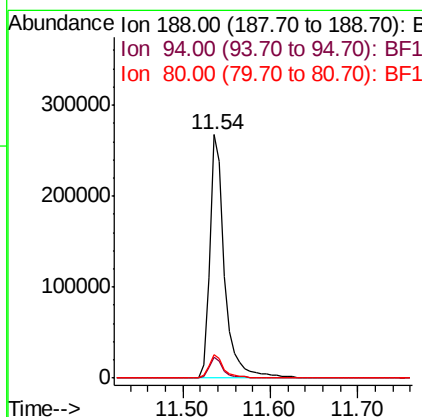
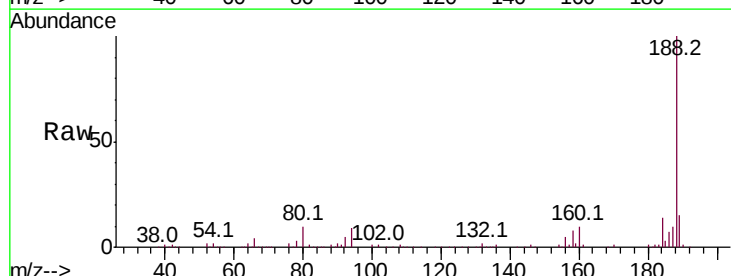
Instrument :
BNA_F
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082718-SIDI-F-D-S

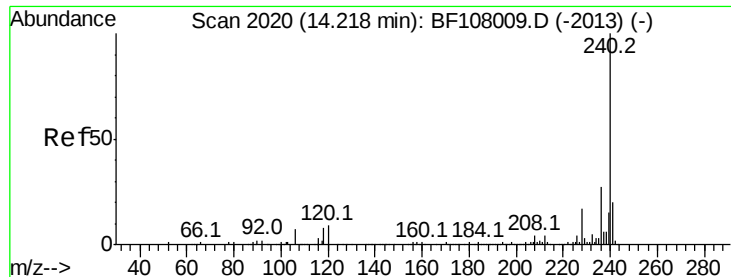
Tot Ion:163 Resp: 161303
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Tgt Ion:188 Resp: 312729
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.7 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-D-S

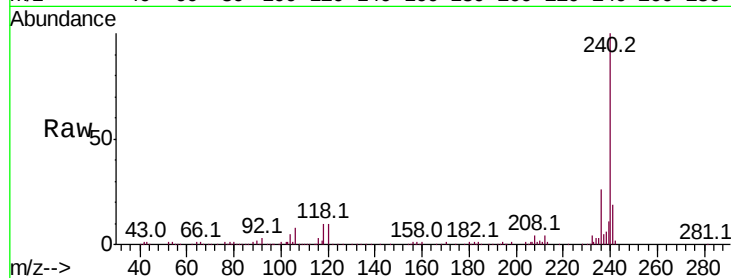
Tot Ion:240 Resp: 254551

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

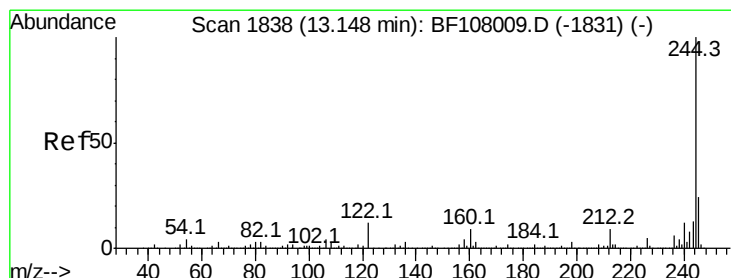
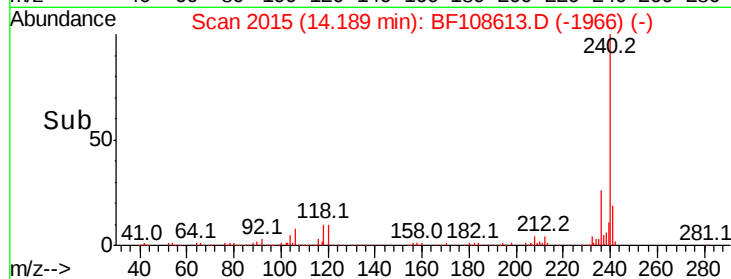
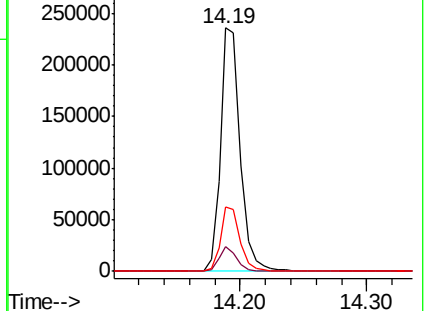
236 26.5 20.7 31.1



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: 102.849 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

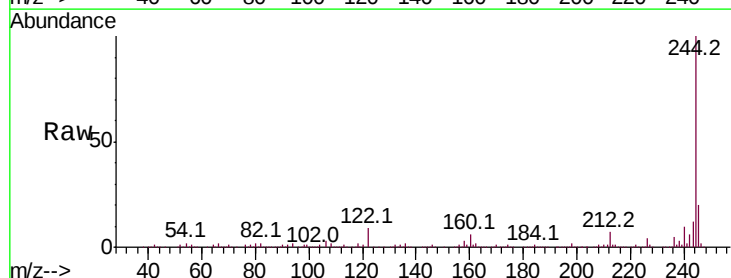
Tgt Ion:244 Resp: 1029681

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

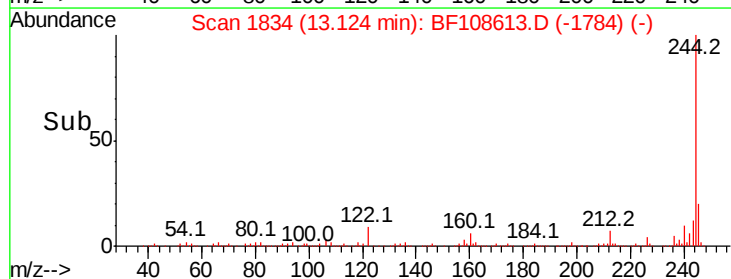
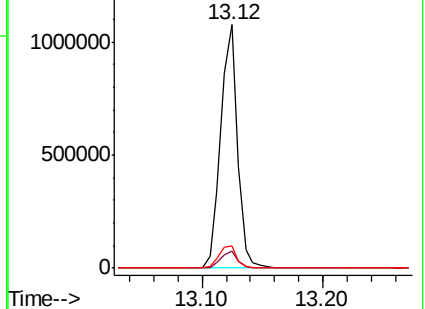
122 9.1 11.0 16.4#

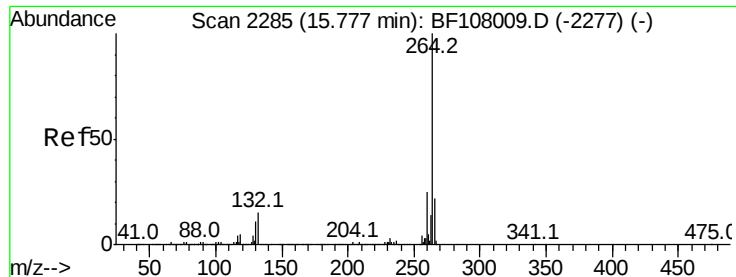


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3

