

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108546.D
 Acq On : 28 Aug 2018 8:12
 Operator : JU/SJ
 Sample : J4660-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082318-SIDI-F-D-M

Quant Time: Aug 28 10:47:33 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

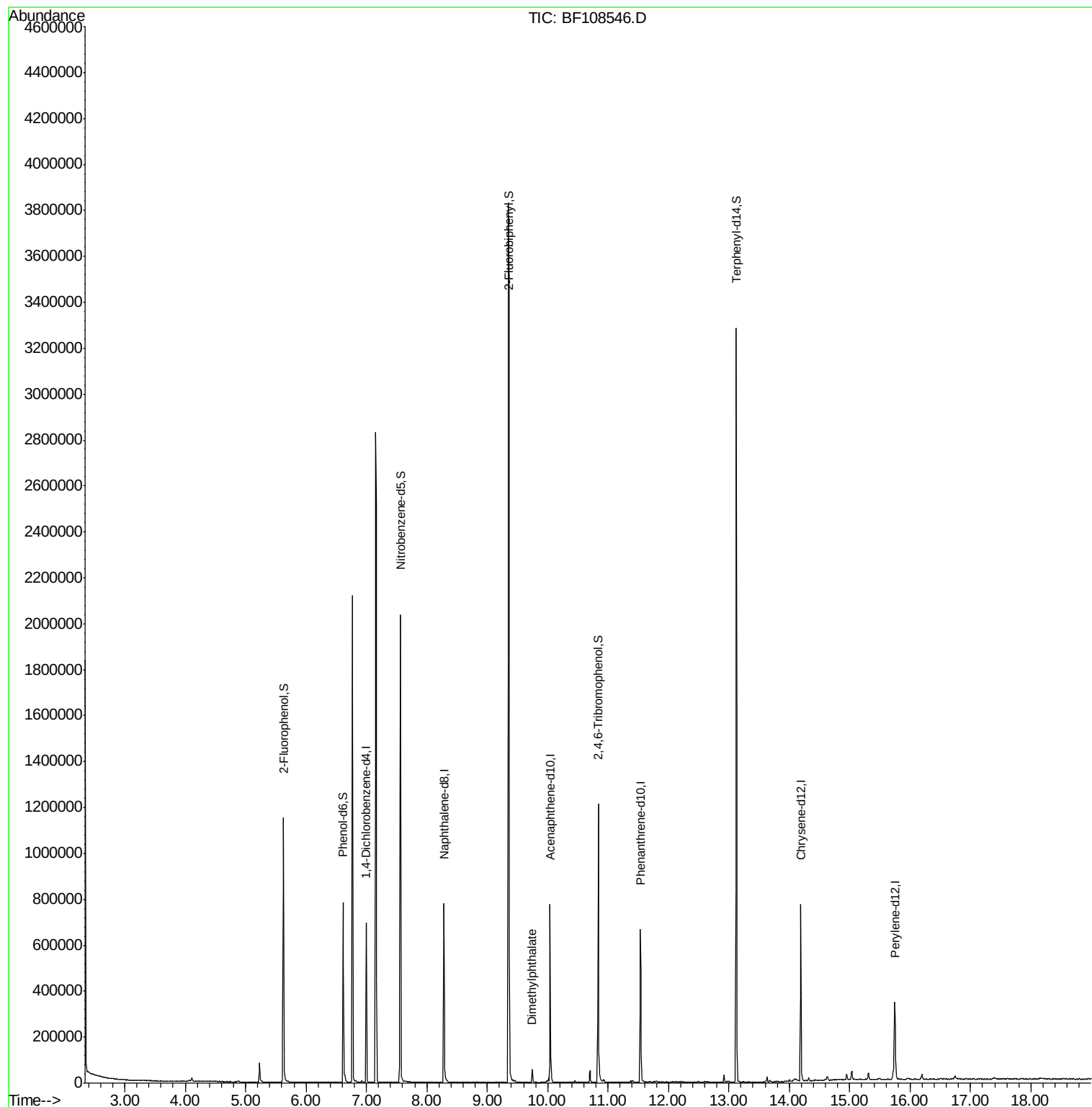
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	104230	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	356200	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	148636	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	251400	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	269479	20.00	ng	-0.01
86) Perylene-d12	15.75	264	184455	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	279292	48.51	ng	0.00
7) Phenol-d6	6.61	99	227554	29.74	ng	-0.02
23) Nitrobenzene-d5	7.57	82	713558	111.78	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	146160	98.58	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1283651	138.65	ng	-0.01
78) Terphenyl-d14	13.12	244	1112252	104.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	29832	2.881	ng	Qvalue # 98

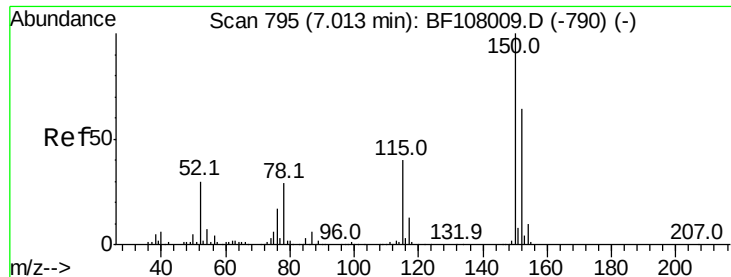
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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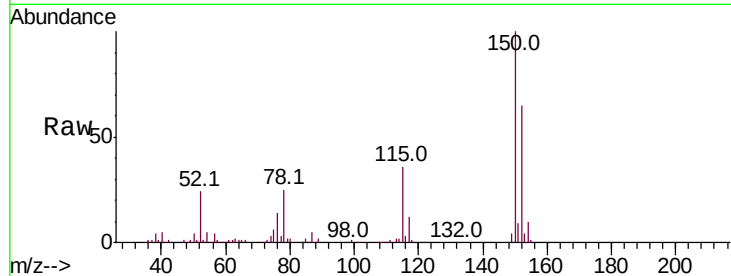


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108546.D
Acq: 28 Aug 2018 8:12

Instrument :
BNA_F
ClientSampleId :
082318-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.3	50.1	75.1

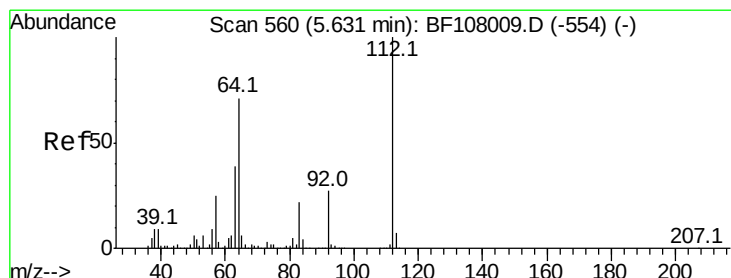
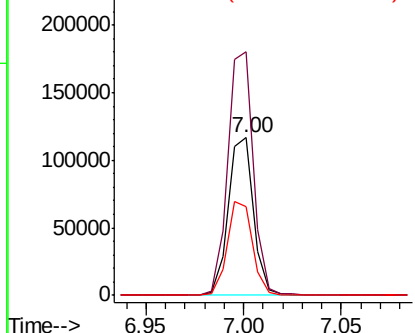
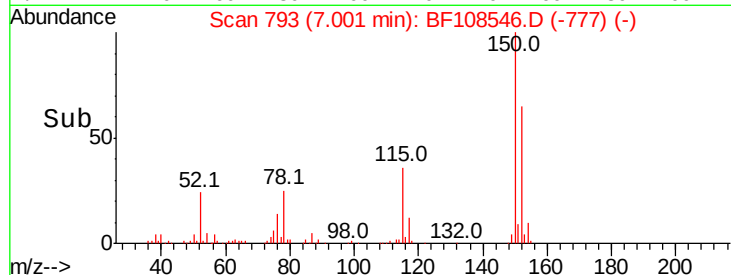


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

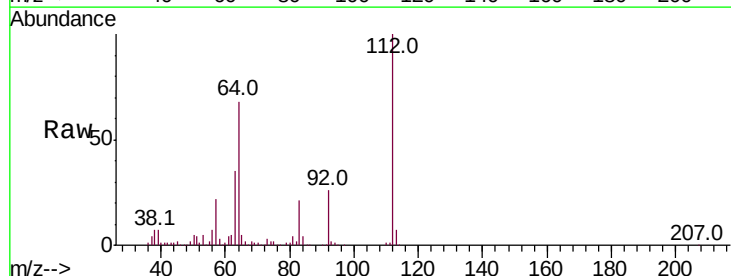
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.512 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108546.D
Acq: 28 Aug 2018 8:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	35.3	23.7	35.5

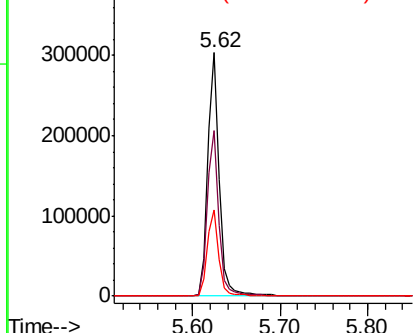
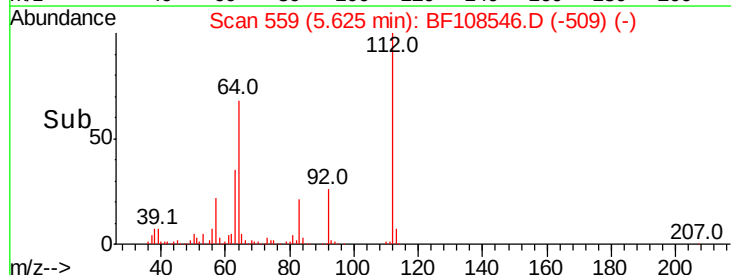


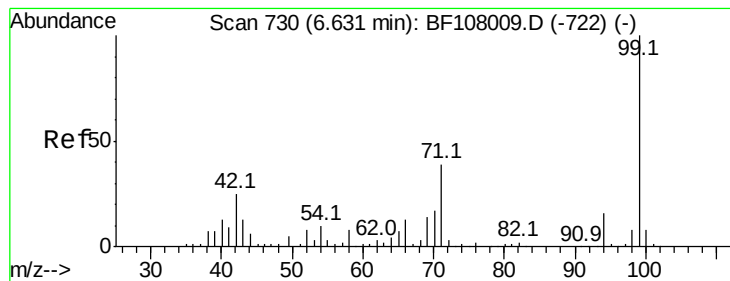
Abundance

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: 29.744 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108546.D

Acq: 28 Aug 2018 8:12

Instrument :

BNA_F

ClientSampleId :

082318-SIDI-F-D-M

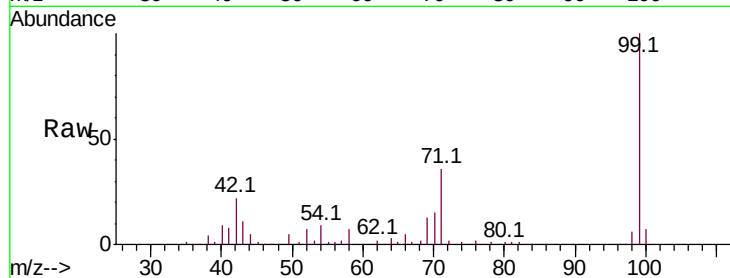
Tot Ion: 99 Resp: 227554

Ion Ratio Lower Upper

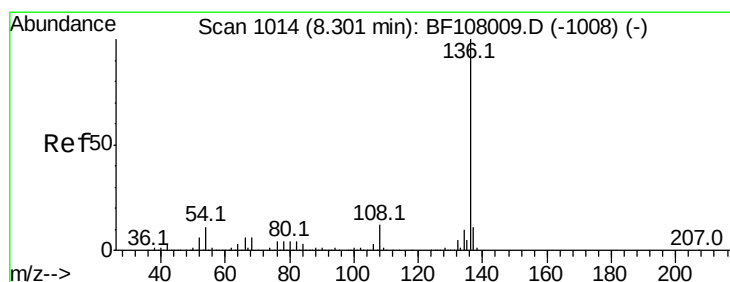
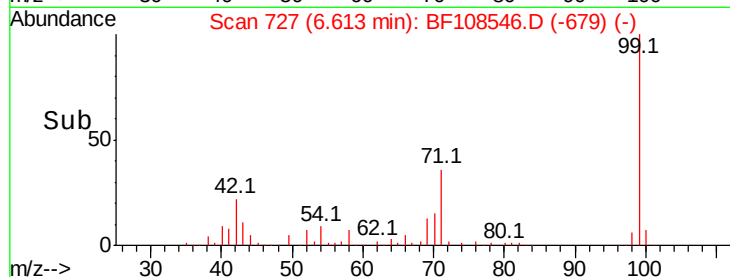
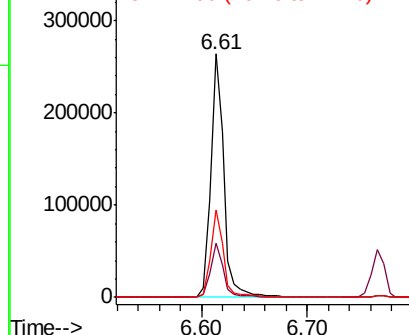
99 100

42 22.4 14.5 21.7#

71 35.9 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: BF108546.D

Acq: 28 Aug 2018 8:12

Tgt Ion: 136 Resp: 356200

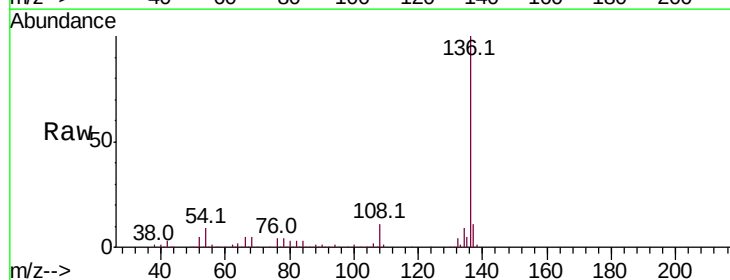
Ion Ratio Lower Upper

136 100

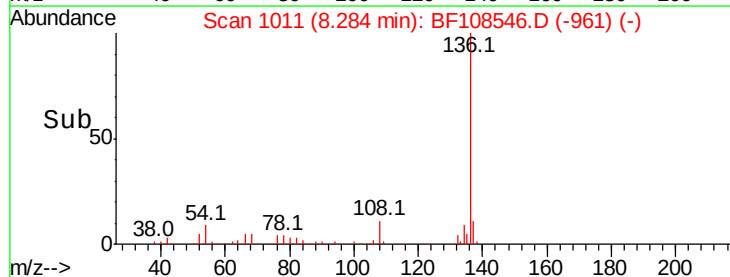
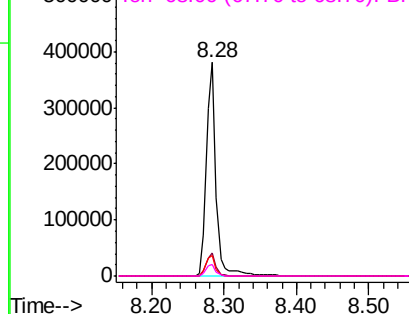
137 10.7 8.9 13.3

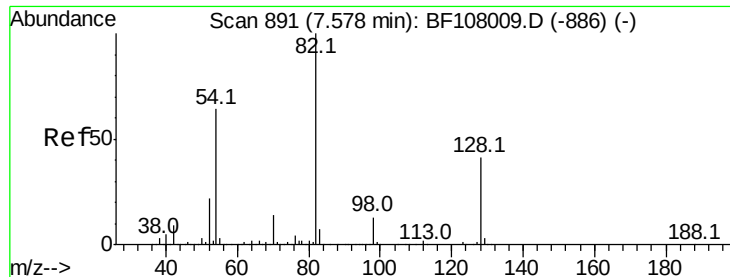
54 9.4 6.6 9.8

68 5.5 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

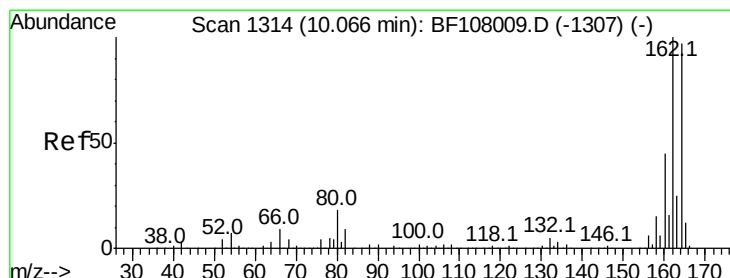
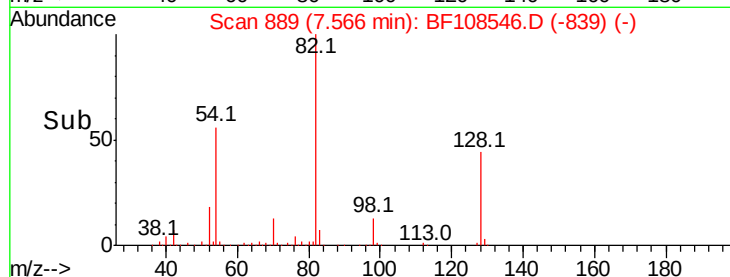
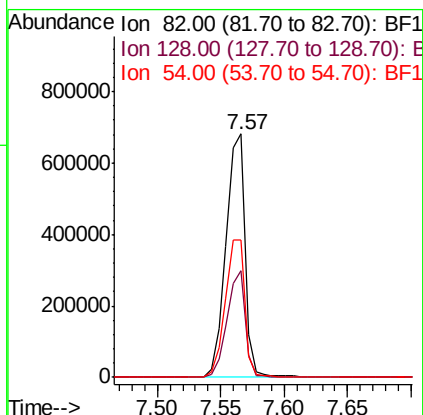
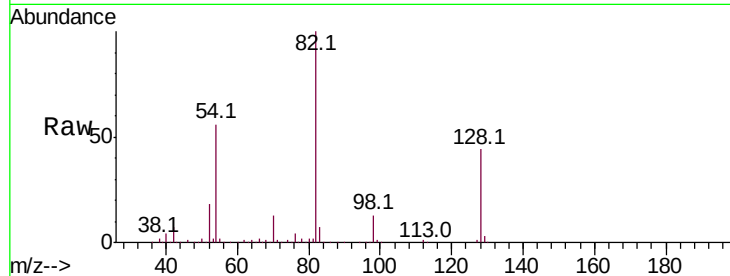




#23
 Nitrobenzene-d5
 Concen: 111.784 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108546.D
 Acq: 28 Aug 2018 8:12

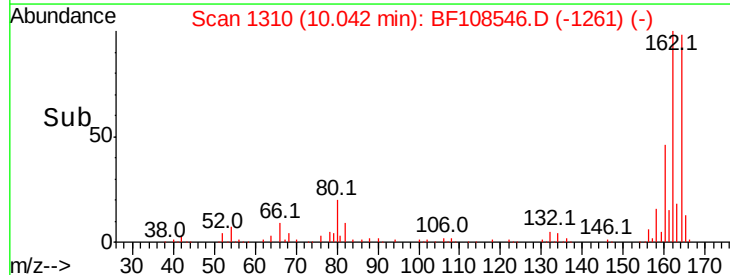
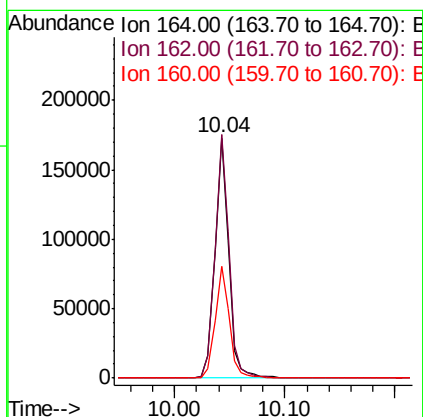
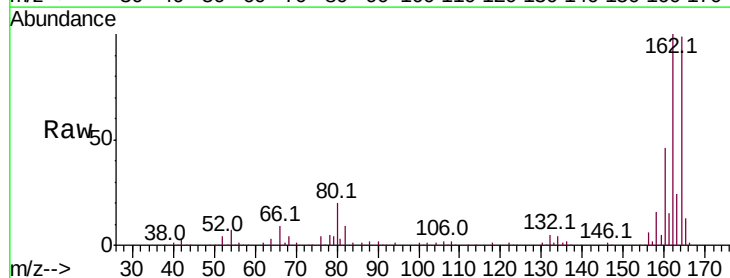
Instrument :
 BNA_F
 ClientSampleId :
 082318-SIDI-F-D-M

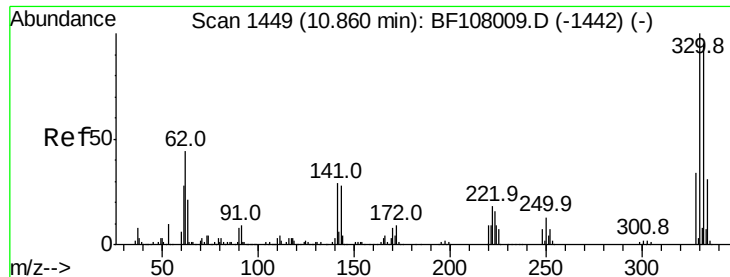
Tot Ion: 82 Resp: 713558
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 56.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108546.D
 Acq: 28 Aug 2018 8:12

Tgt Ion: 164 Resp: 148636
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 46.3 38.3 57.5

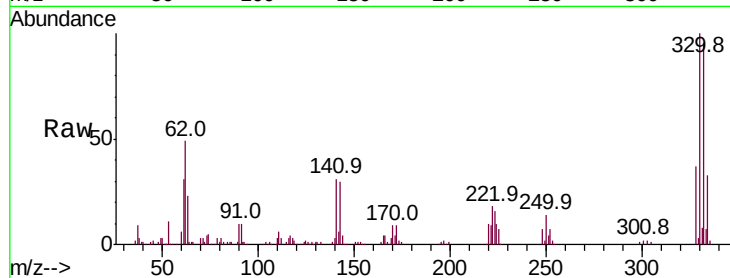




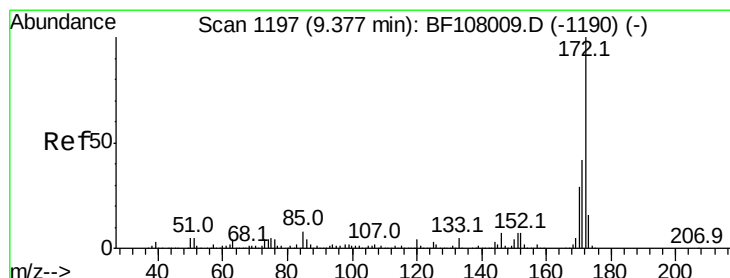
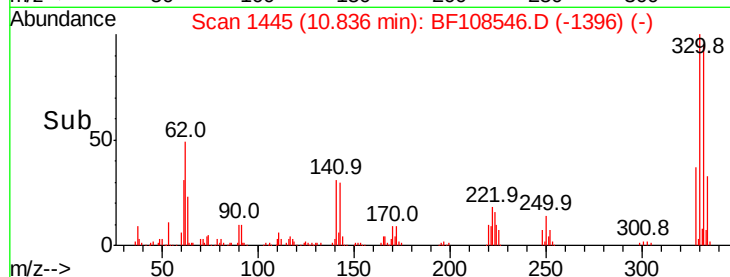
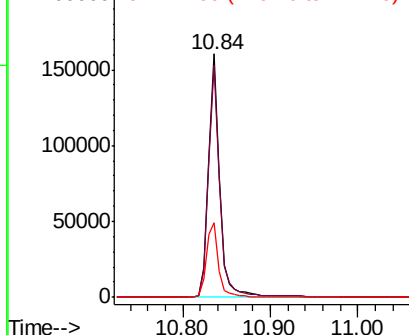
#41
 2,4,6-Tribromophenol
 Concen: 98.583 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108546.D
 Acq: 28 Aug 2018 8:12

Instrument :
 BNA_F
 ClientSampleId :
 082318-SIDI-F-D-M

Tot Ion:330 Resp: 146160
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.6 29.9 44.9

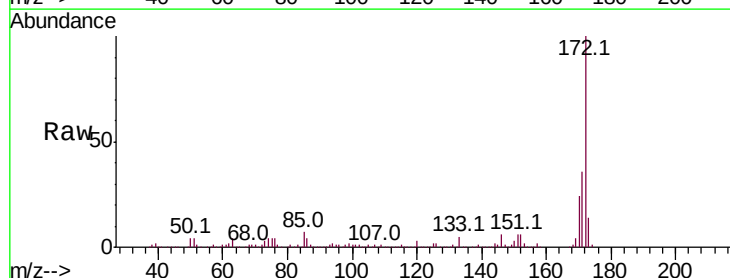


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

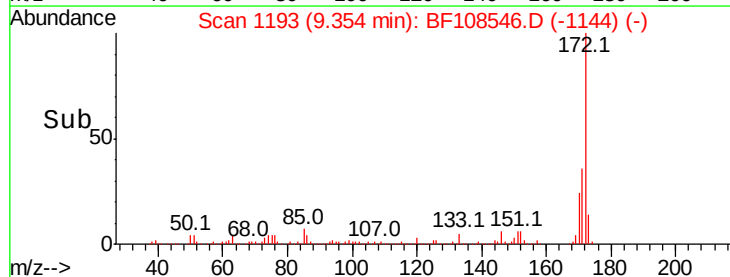
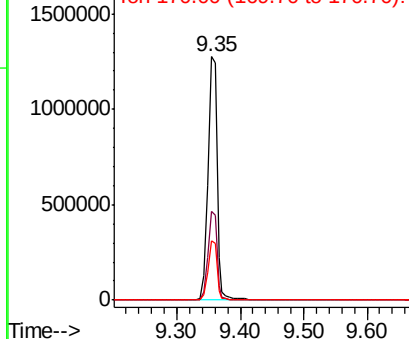


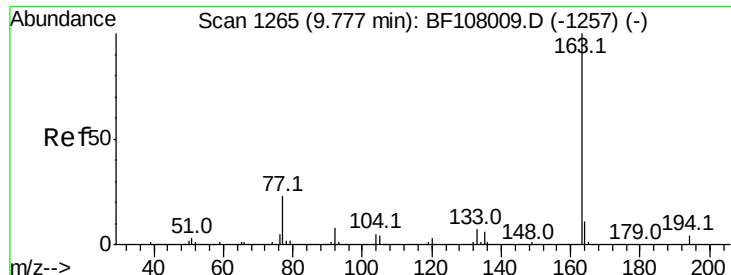
#44
 2-Fluorobiphenyl
 Concen: 138.652 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108546.D
 Acq: 28 Aug 2018 8:12

Tgt Ion:172 Resp: 1283651
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 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: 2.881 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108546.D

Acq: 28 Aug 2018 8:12

Instrument :

BNA_F

ClientSampleId :

082318-SIDI-F-D-M

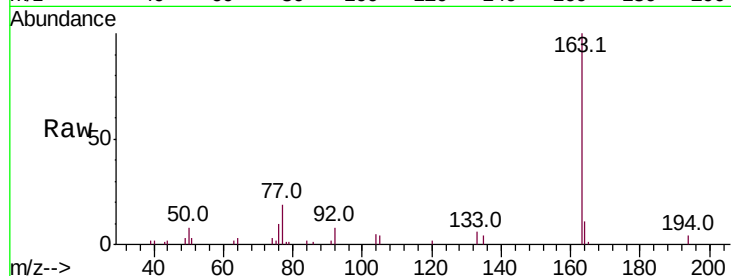
Tot Ion:163 Resp: 29832

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

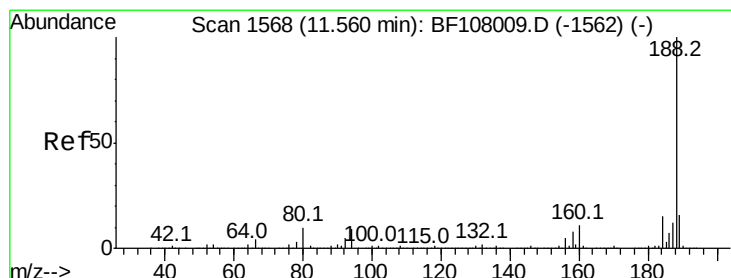
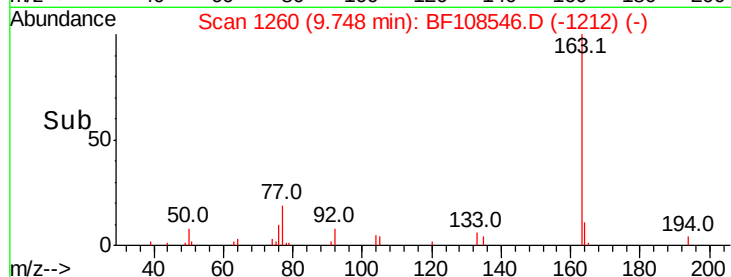
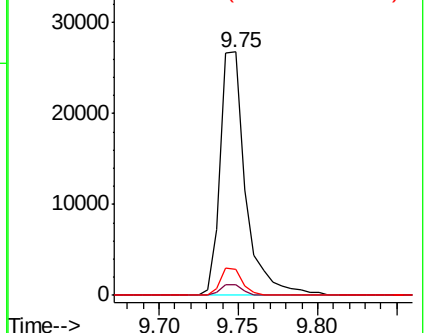
164 10.9 8.2 12.2



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: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108546.D

Acq: 28 Aug 2018 8:12

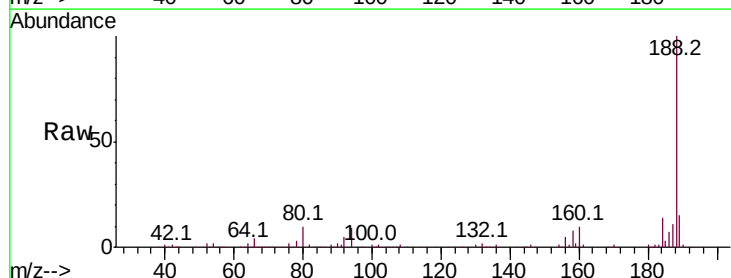
Tgt Ion:188 Resp: 251400

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

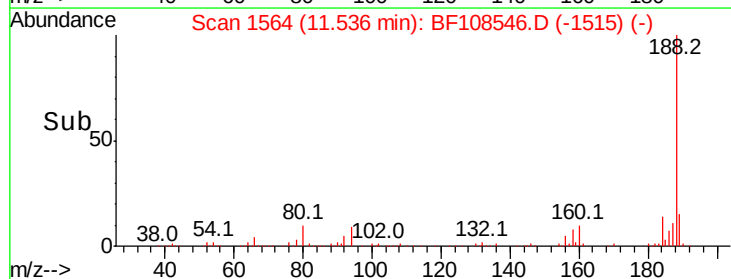
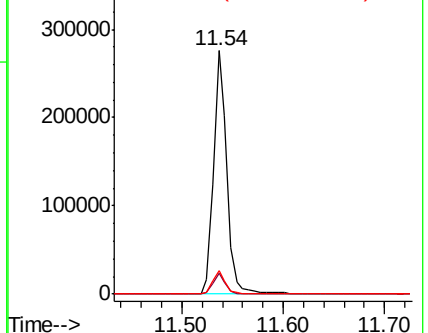
80 9.5 9.2 13.8

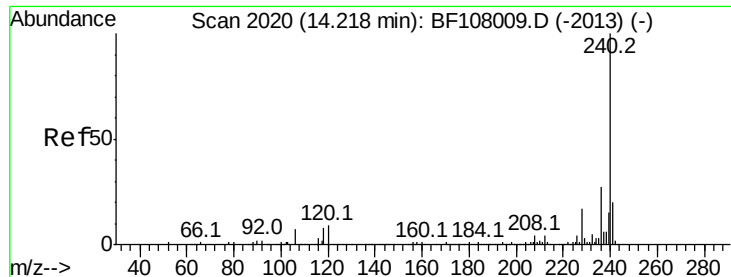


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108546.D

Acq: 28 Aug 2018 8:12

Instrument :

BNA_F

ClientSampleId :

082318-SIDI-F-D-M

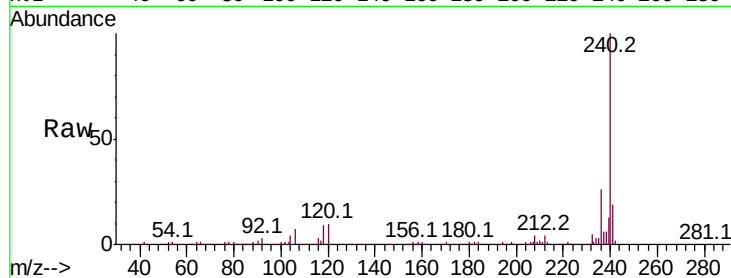
Tot Ion:240 Resp: 269479

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

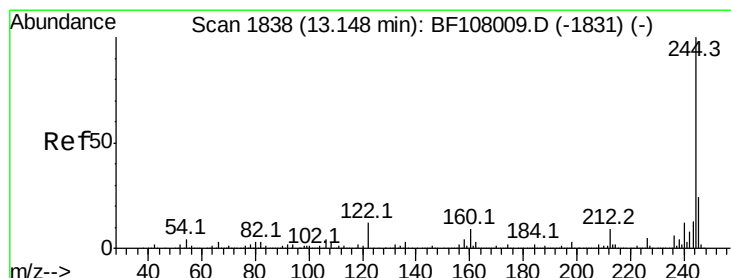
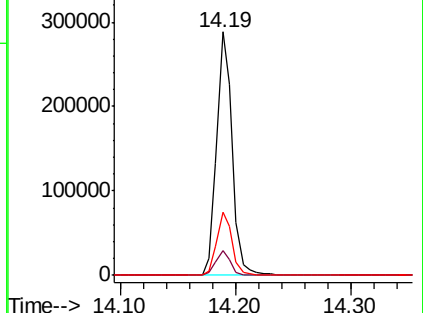
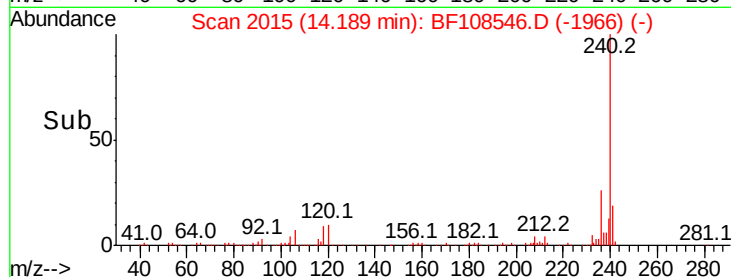
236 26.1 20.7 31.1



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: 104.942 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108546.D

Acq: 28 Aug 2018 8:12

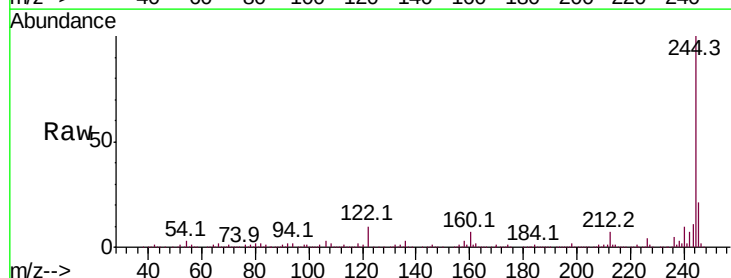
Tgt Ion:244 Resp: 1112252

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

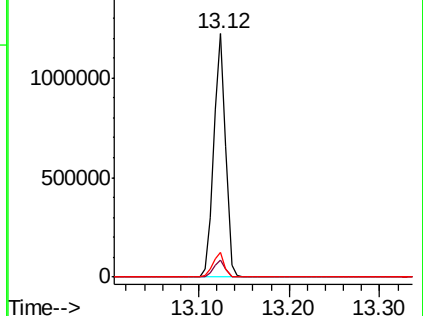
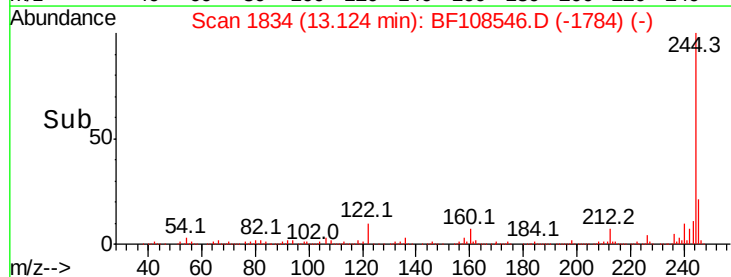
122 10.0 11.0 16.4#

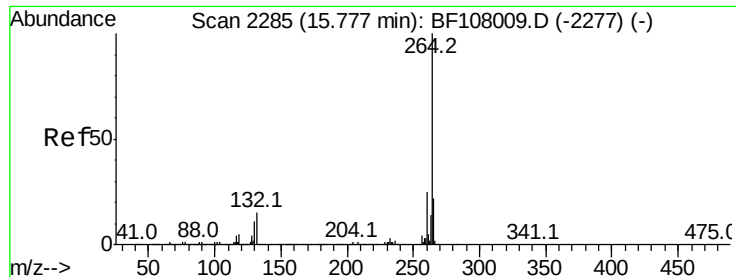


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108546.D
Acq: 28 Aug 2018 8:12

Instrument :
BNA_F
ClientSampleId :
082318-SIDI-F-D-M

Tot Ion:	264	Resp:	184455
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

