

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108582.D
 Acq On : 29 Aug 2018 3:49
 Operator : JU/SJ
 Sample : J4656-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-M

Quant Time: Aug 29 06:58:29 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

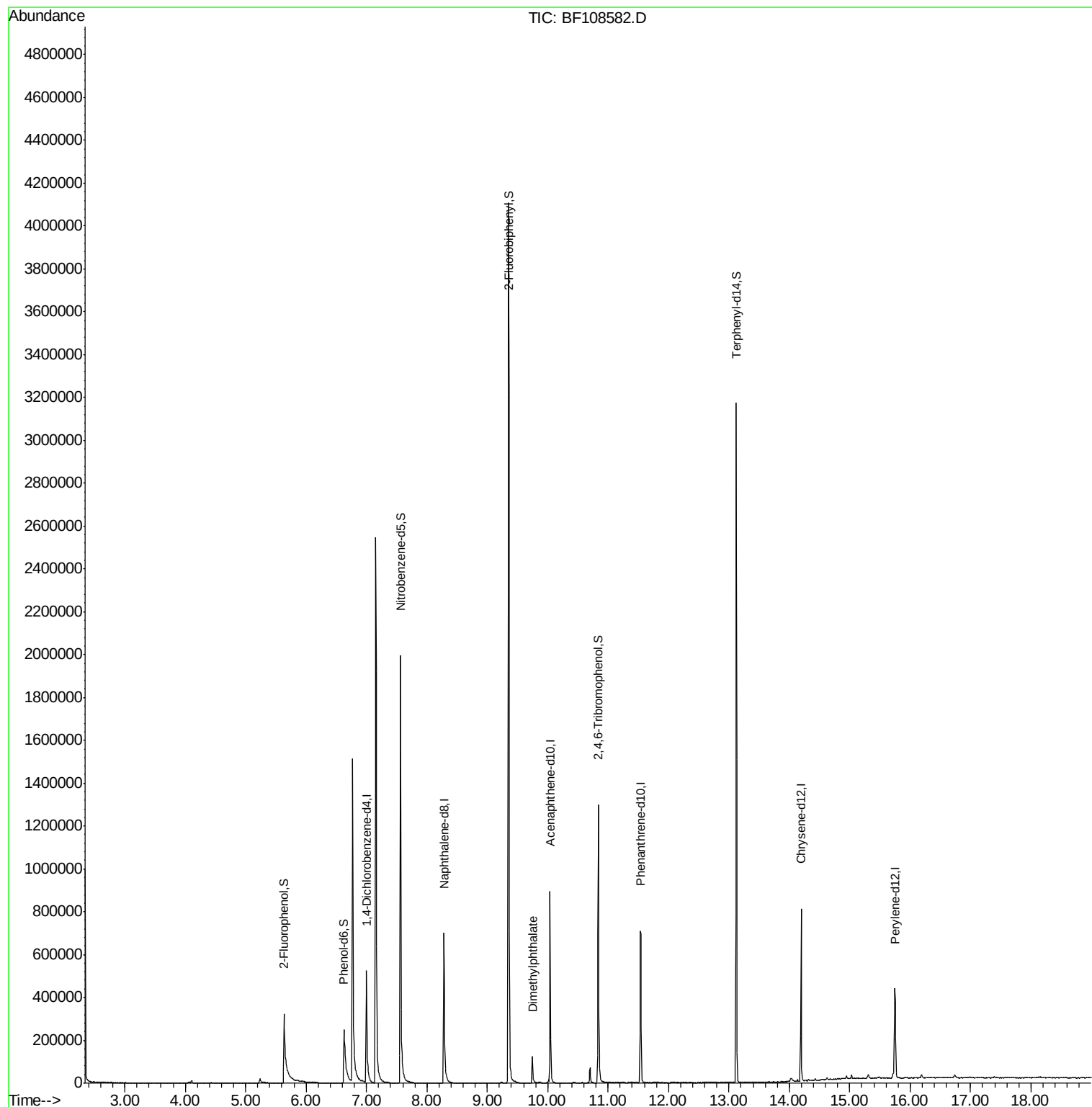
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111635	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	417553	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	188581	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	303666	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	279974	20.00	ng	0.00
86) Perylene-d12	15.75	264	220053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	241828	39.22	ng	0.00
7) Phenol-d6	6.63	99	201062	24.54	ng	0.00
23) Nitrobenzene-d5	7.57	82	775821	103.68	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	173775	92.38	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1410134	120.05	ng	-0.01
78) Terphenyl-d14	13.12	244	1059213	96.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	72464	5.516	ng	Qvalue # 98

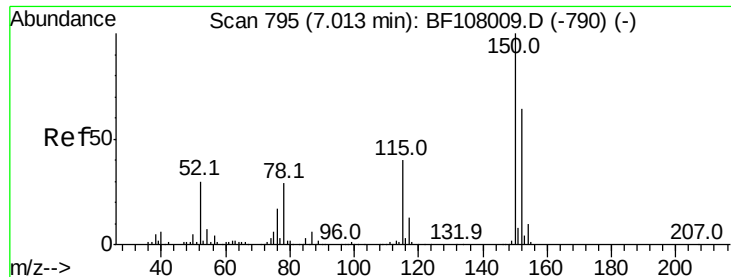
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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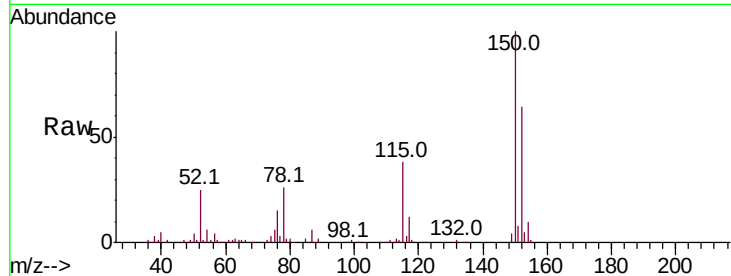


#1

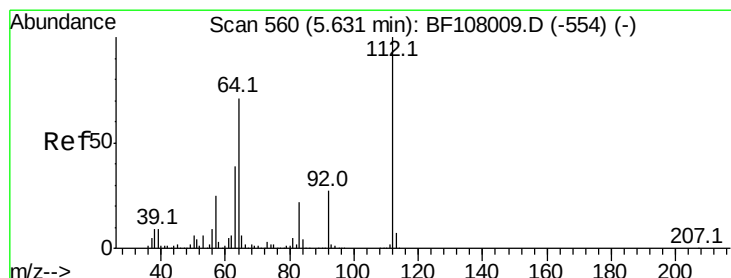
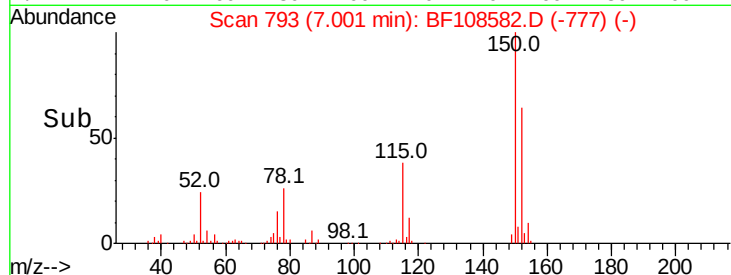
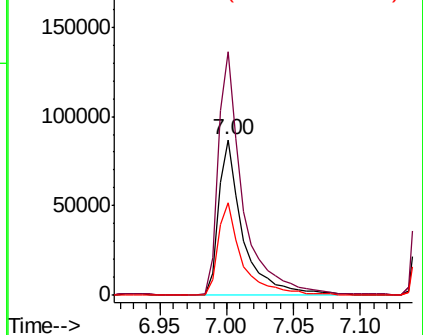
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-M

Tot Ion:152 Resp: 111635
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 59.5 50.1 75.1



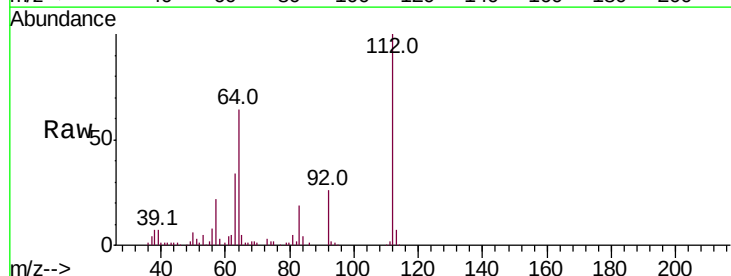
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



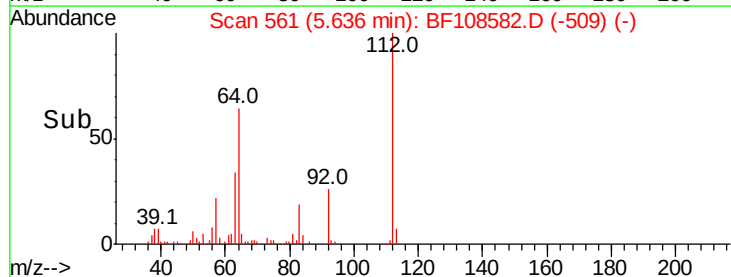
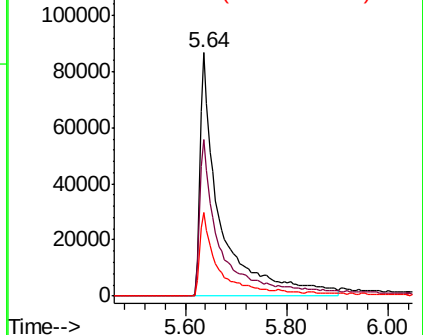
#5

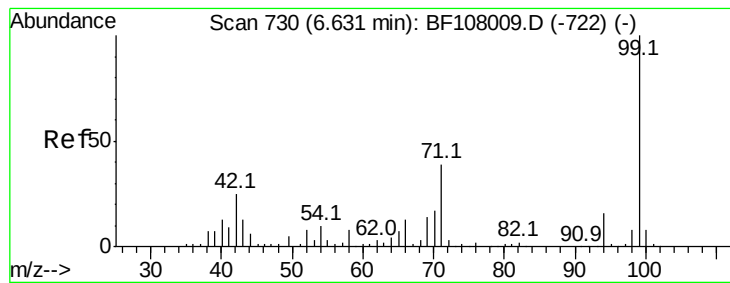
2-Fluorophenol
Concen: 39.219 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Tgt Ion:112 Resp: 241828
Ion Ratio Lower Upper
112 100
64 64.1 47.9 71.9
63 34.5 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: 24.538 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-M

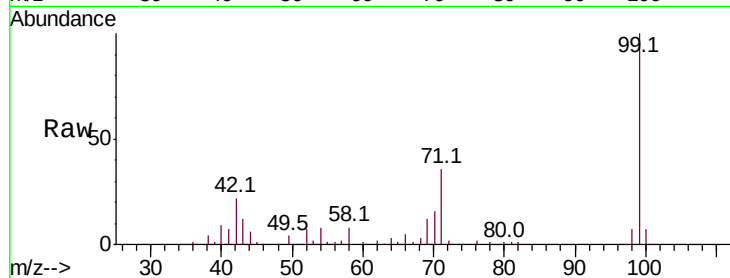
Tot Ion: 99 Resp: 201062

Ion Ratio Lower Upper

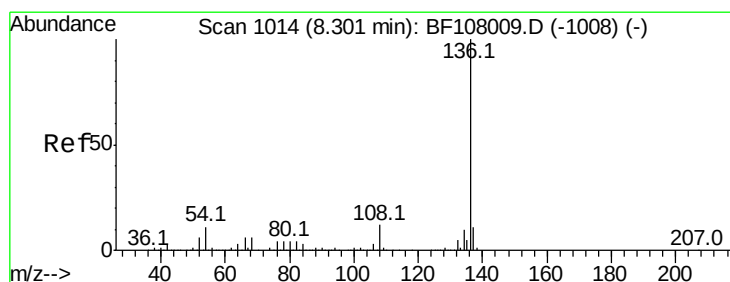
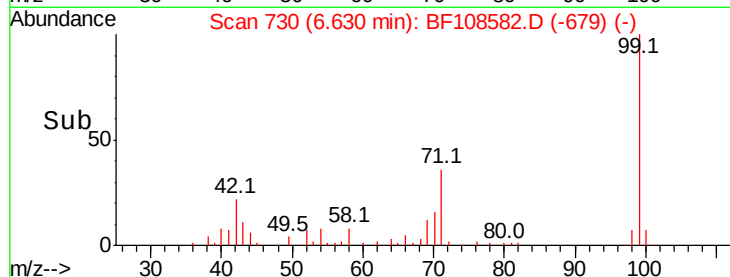
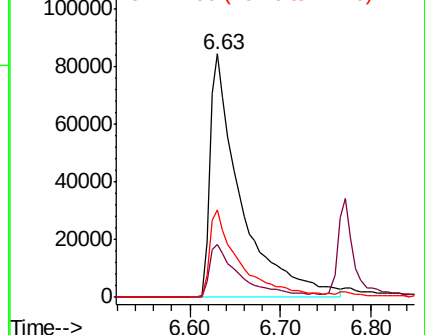
99 100

42 22.0 14.5 21.7#

71 35.8 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

Tgt Ion: 136 Resp: 417553

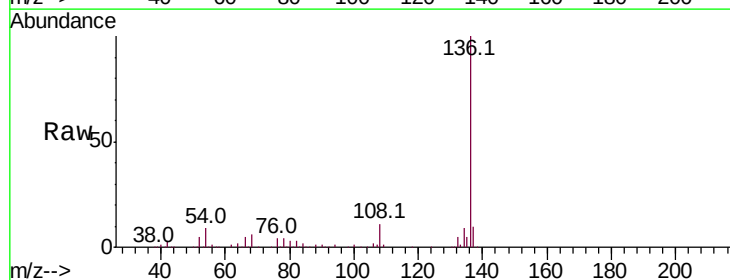
Ion Ratio Lower Upper

136 100

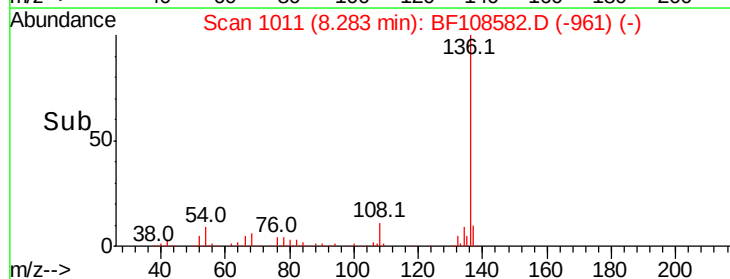
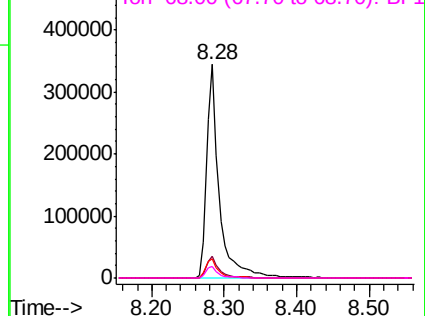
137 10.4 8.9 13.3

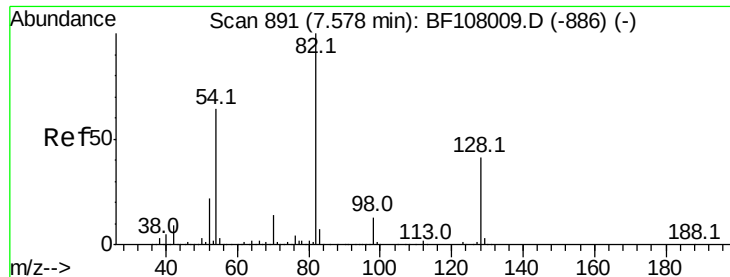
54 8.8 6.6 9.8

68 5.6 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

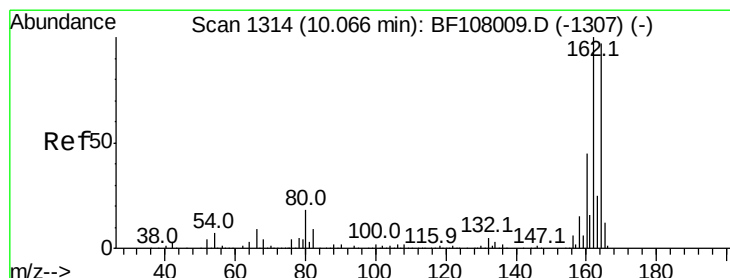
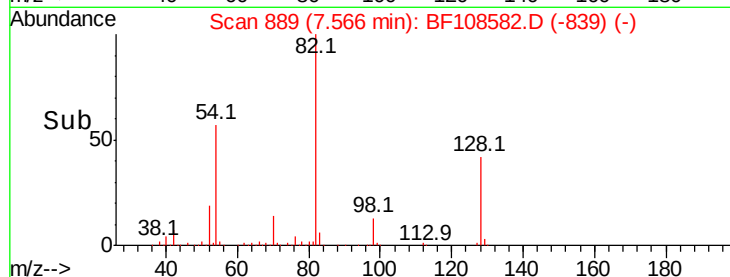
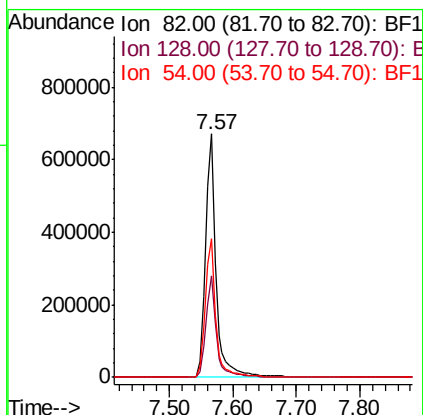
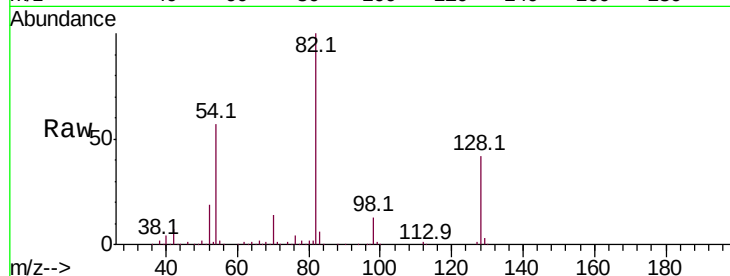




#23
 Nitrobenzene-d5
 Concen: 103.680 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

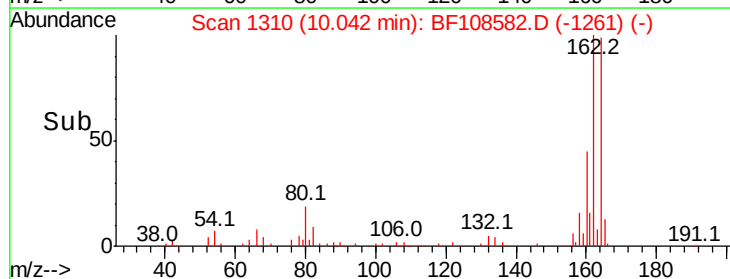
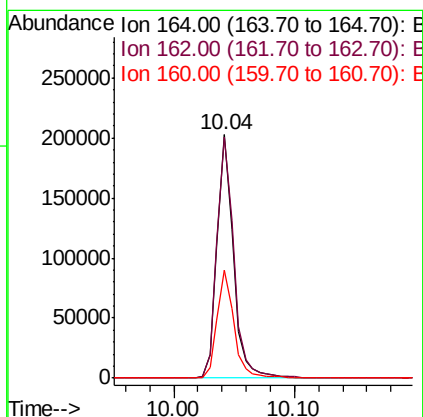
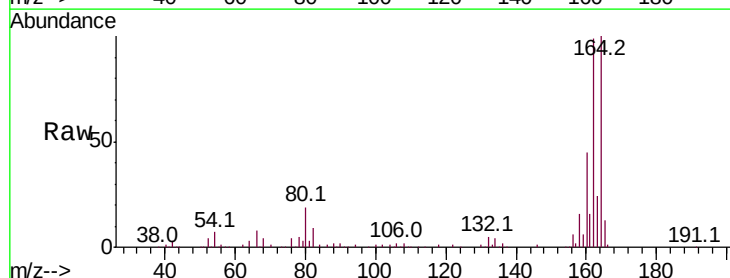
Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-M

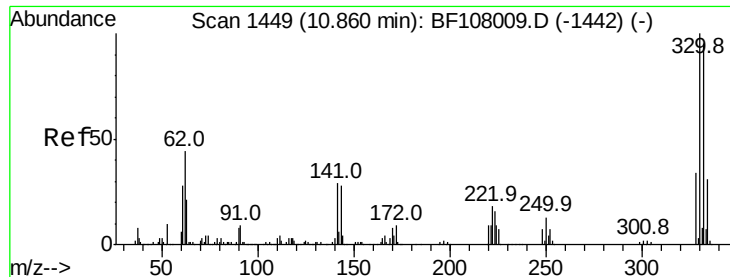
Tot Ion	82	Resp	775821
Ion Ratio	100	Lower	Upper
128	41.5	36.1	54.1
54	56.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Tgt Ion	164	Resp	188581
Ion Ratio	100	Lower	Upper
162	99.1	86.1	129.1
160	44.6	38.3	57.5

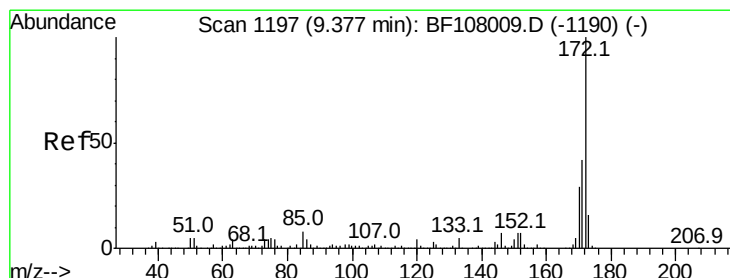
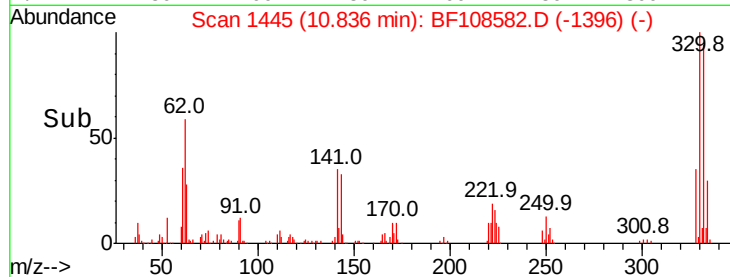
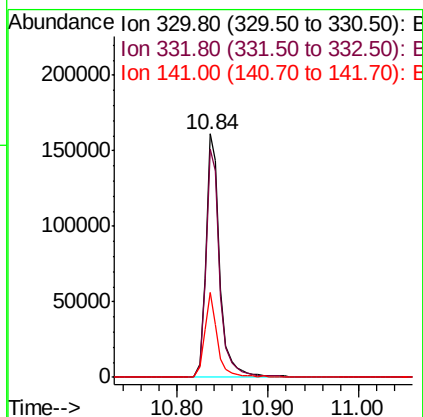
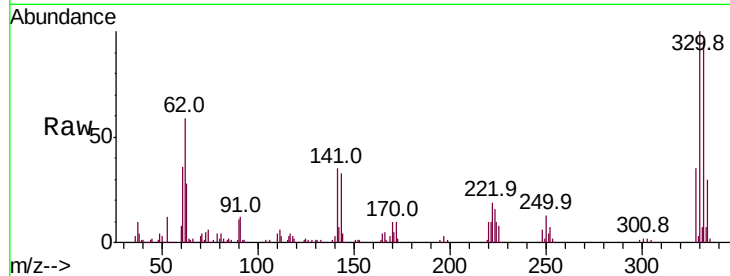




#41
 2,4,6-Tribromophenol
 Concen: 92.382 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

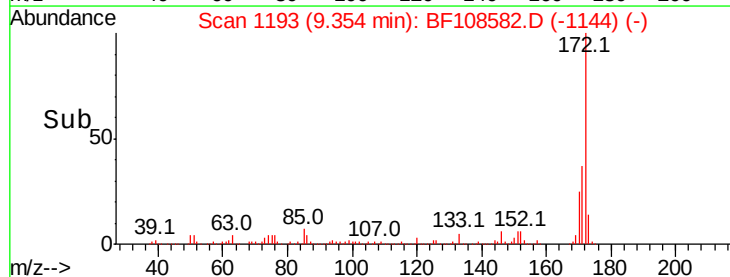
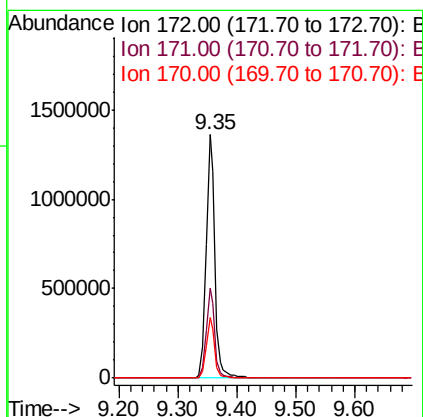
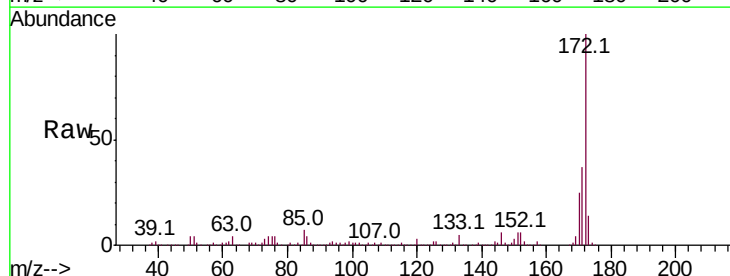
Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-M

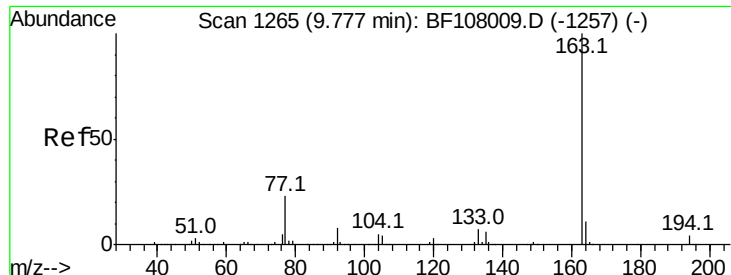
Tot Ion:330 Resp: 173775
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 120.051 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Tgt Ion:172 Resp: 1410134
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.7 19.6 29.4

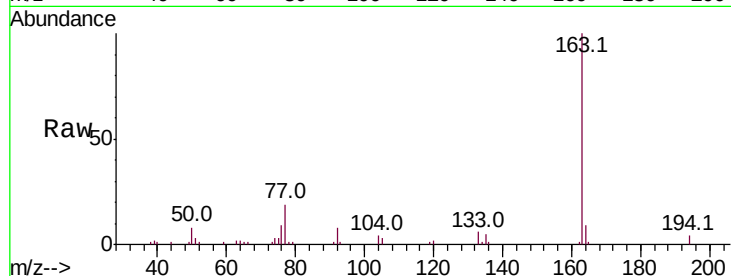




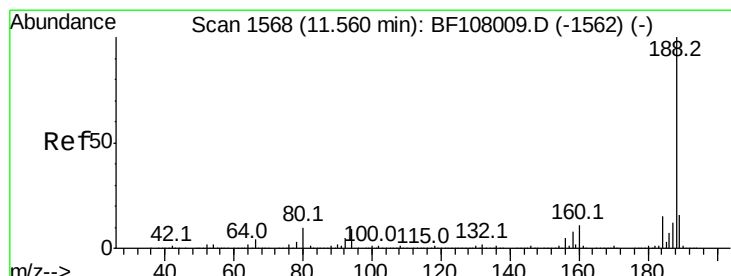
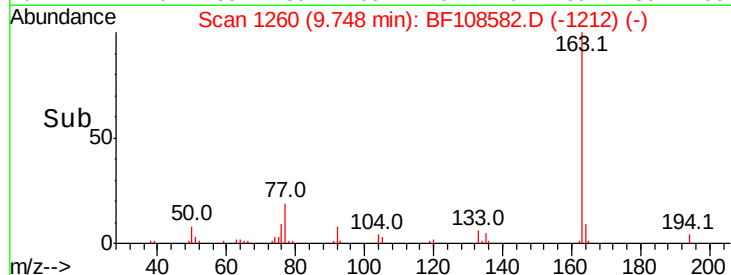
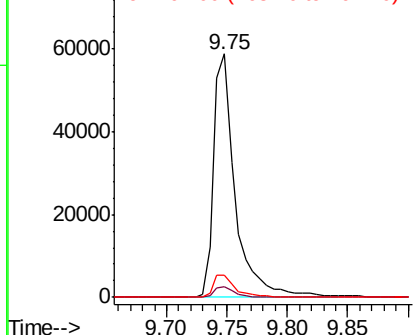
#49
Dimethylphthalate
Concen: 5.516 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-M

Tot Ion:163 Resp: 72464
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.4 8.2 12.2

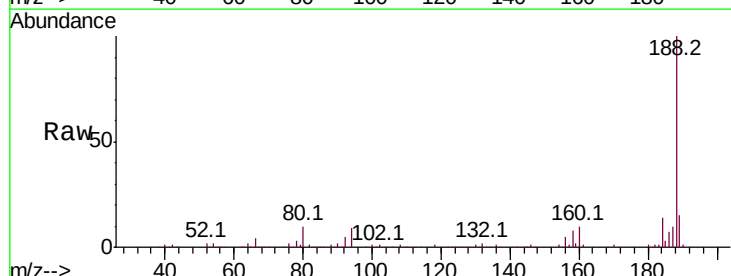


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

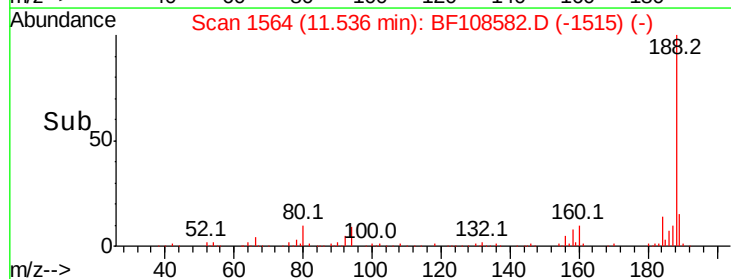
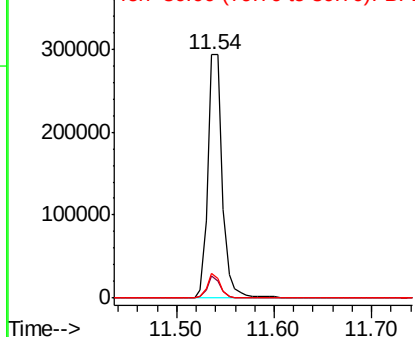


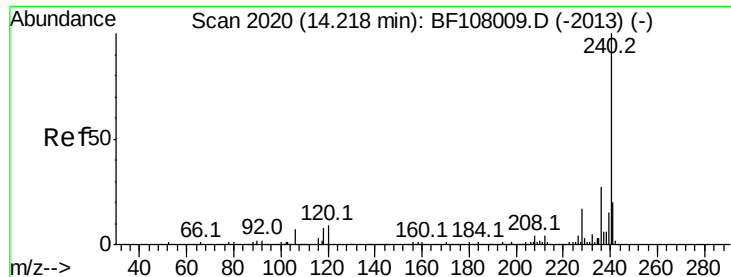
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Tgt Ion:188 Resp: 303666
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.1 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# 2016

Delta R.T. -0.01 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-M

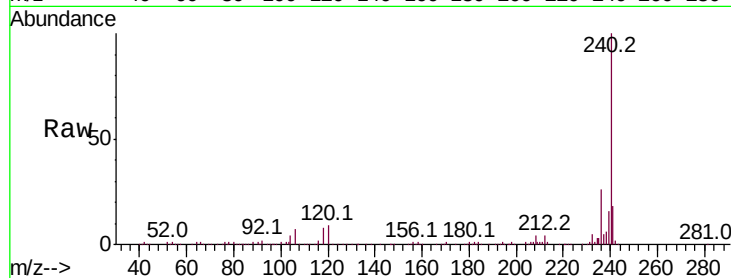
Tot Ion:240 Resp: 279974

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

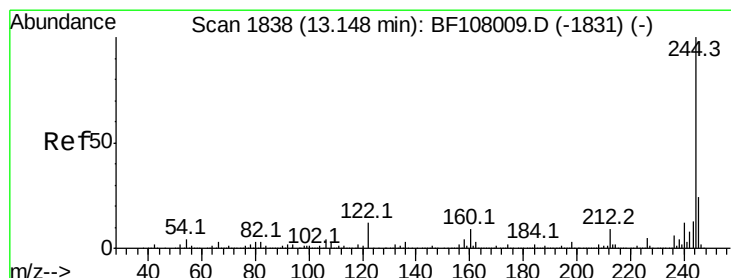
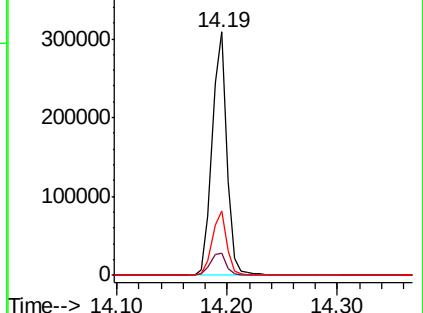
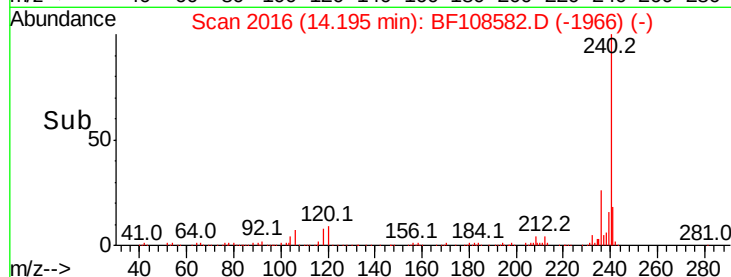
236 26.2 20.7 31.1



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: 96.192 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

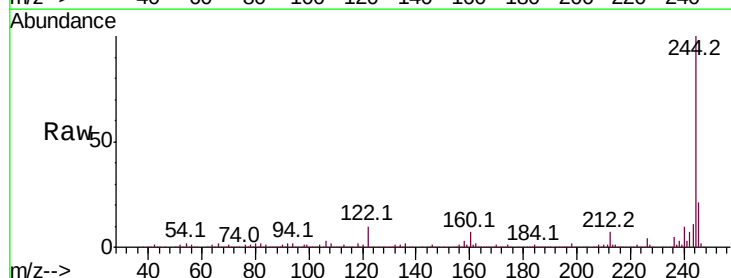
Tgt Ion:244 Resp: 1059213

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

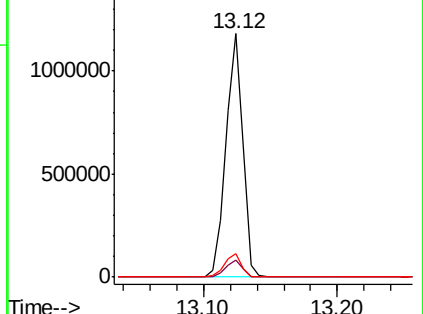
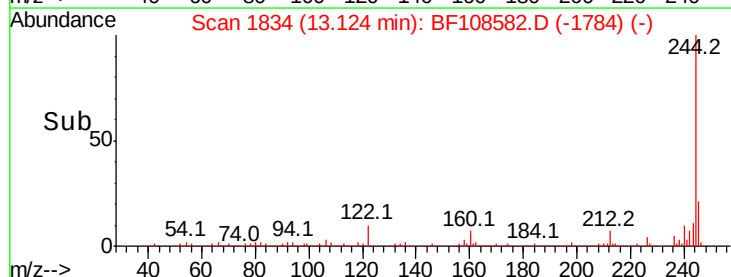
122 9.6 11.0 16.4#

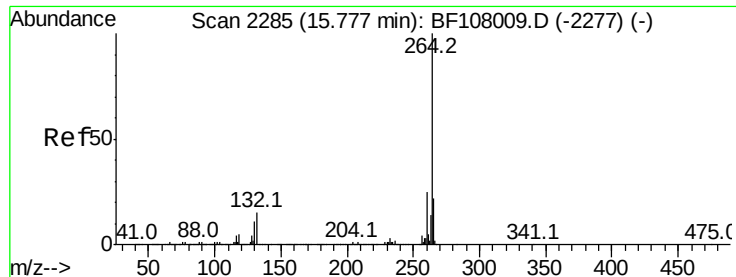


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

