

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108410.D
 Acq On : 23 Aug 2018 5:20
 Operator : JU/SJ
 Sample : J4525-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081518-SIDI-F-D-S

Quant Time: Aug 23 08:28:09 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

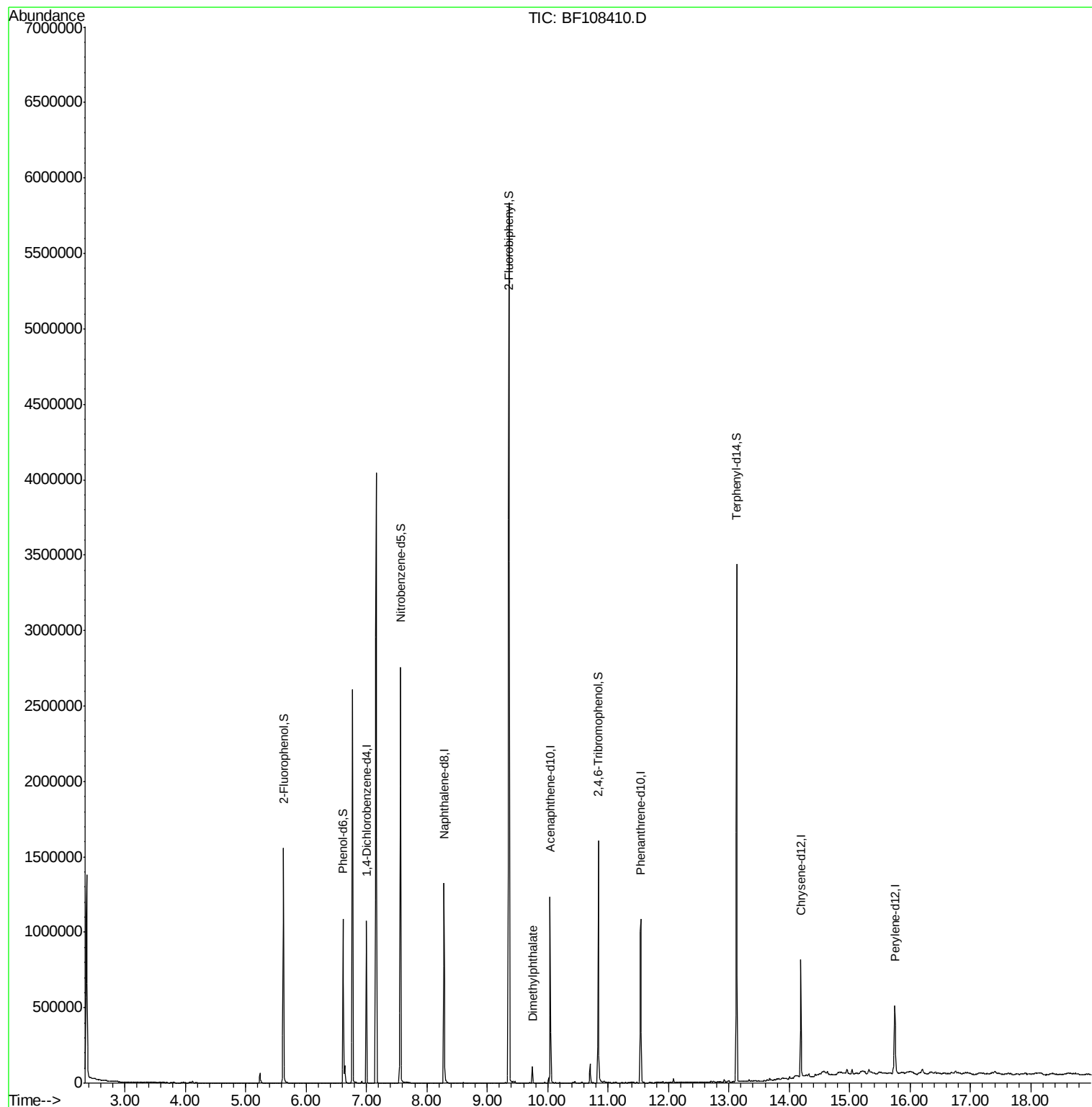
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	149151	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	540960	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	249195	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	410954	20.00	ng	0.00
75) Chrysene-d12	14.19	240	284914	20.00	ng	0.00
86) Perylene-d12	15.75	264	235359	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	364618	44.26	ng	0.00
7) Phenol-d6	6.61	99	307468	28.09	ng	-0.02
23) Nitrobenzene-d5	7.57	82	1005769	103.75	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	188668	75.90	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1798694	115.88	ng	0.00
78) Terphenyl-d14	13.13	244	1273484	113.65	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	48776	2.810	ng	98

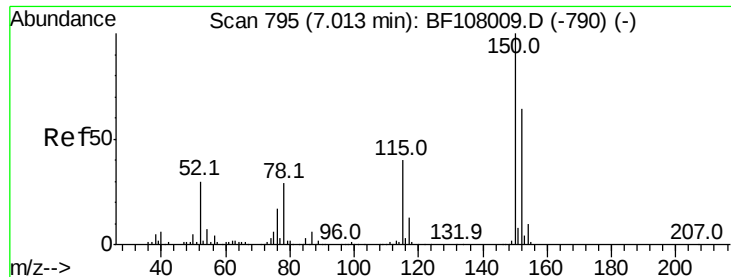
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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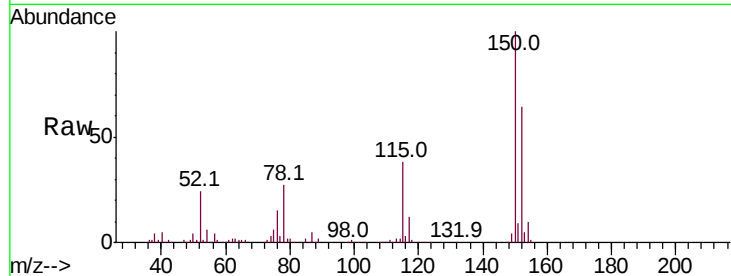


#1

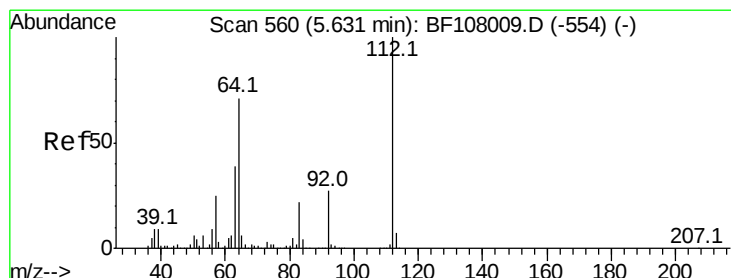
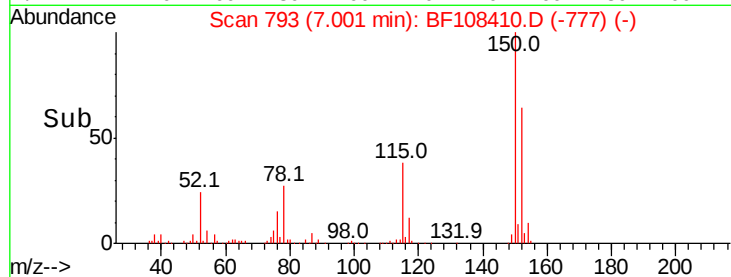
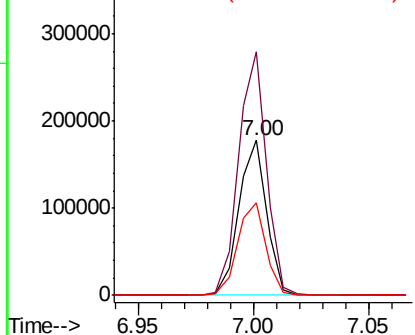
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :
081518-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.0	50.1	75.1



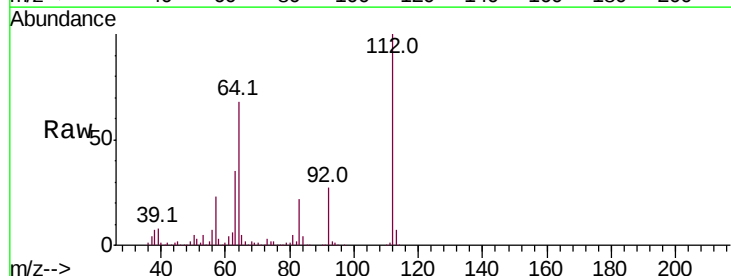
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



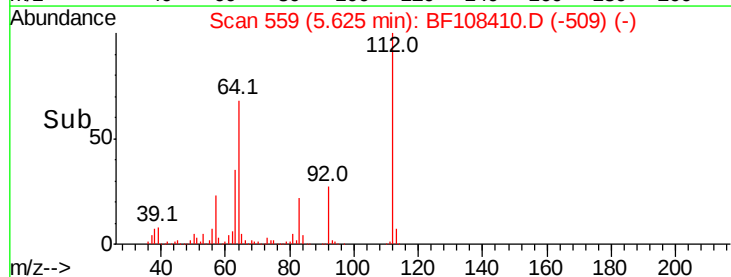
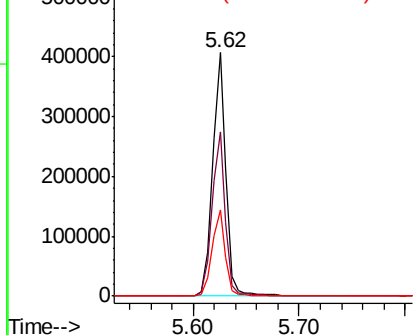
#5

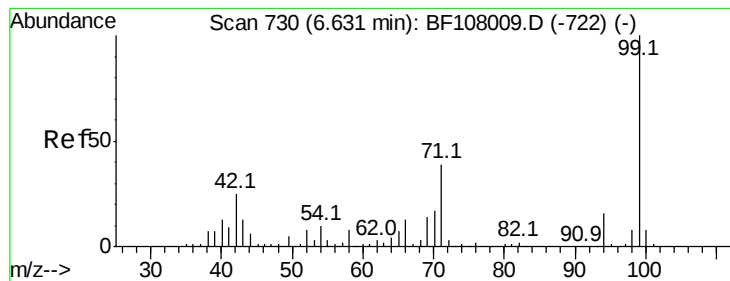
2-Fluorophenol
Concen: 44.259 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	35.2	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: 28.085 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108410.D

Acq: 23 Aug 2018 5:20

Instrument :

BNA_F

ClientSampleId :

081518-SIDI-F-D-S

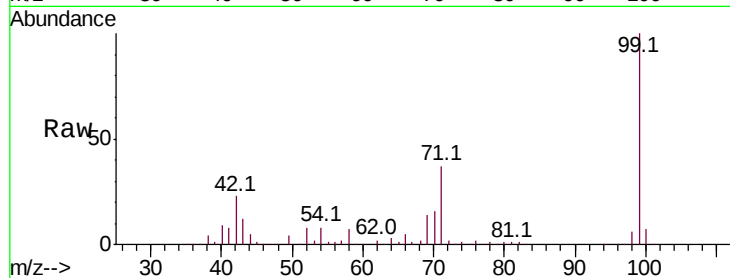
Tot Ion: 99 Resp: 307468

Ion Ratio Lower Upper

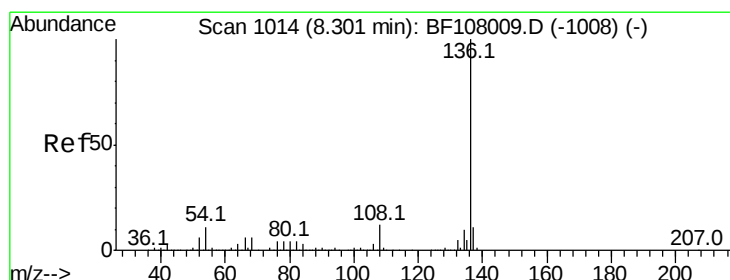
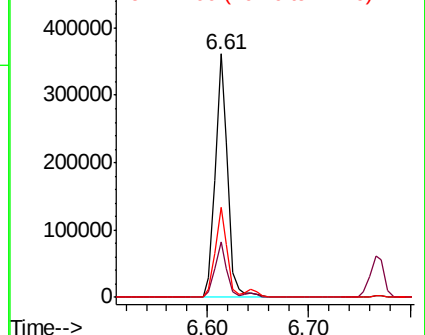
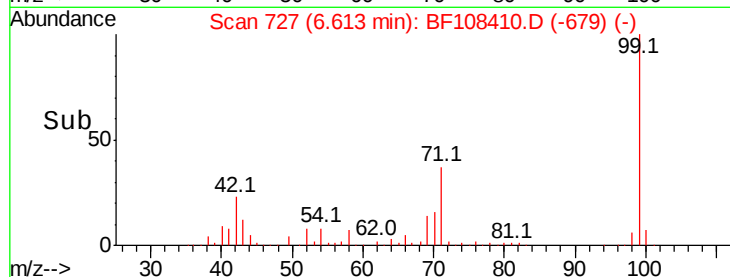
99 100

42 22.6 14.5 21.7#

71 37.2 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: BF108410.D

Acq: 23 Aug 2018 5:20

Tgt Ion: 136 Resp: 540960

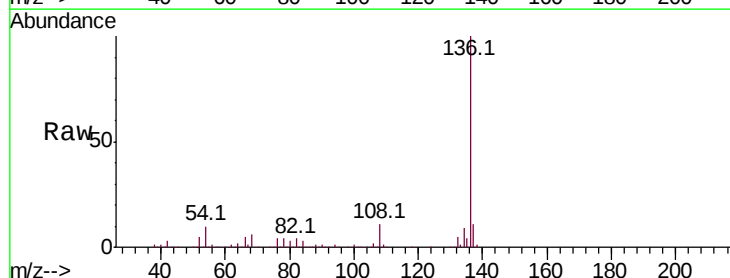
Ion Ratio Lower Upper

136 100

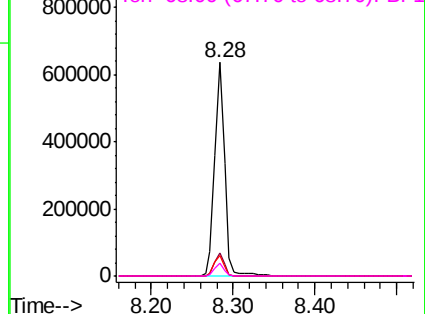
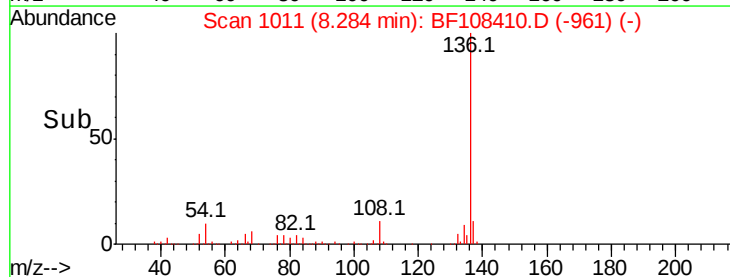
137 11.0 8.9 13.3

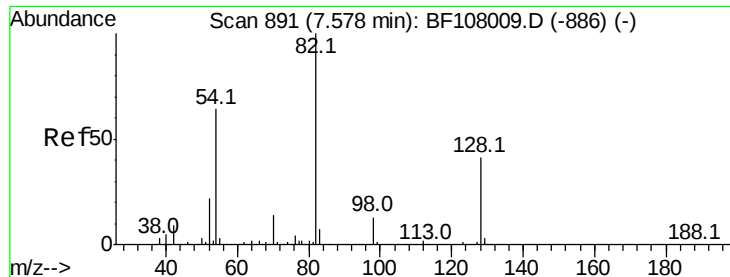
54 9.7 6.6 9.8

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

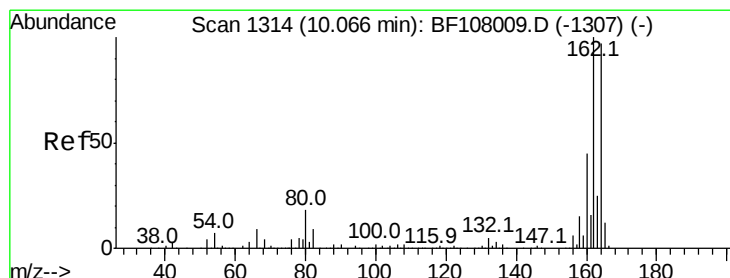
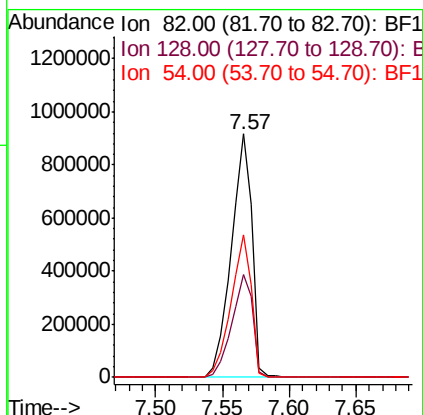
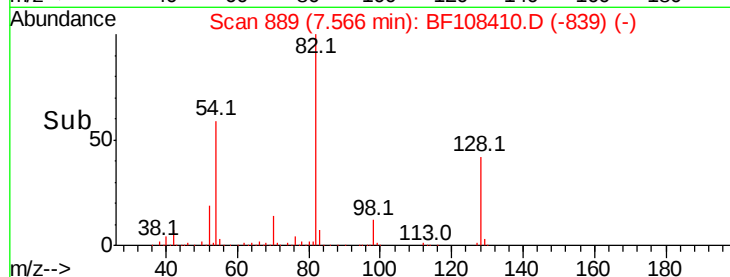
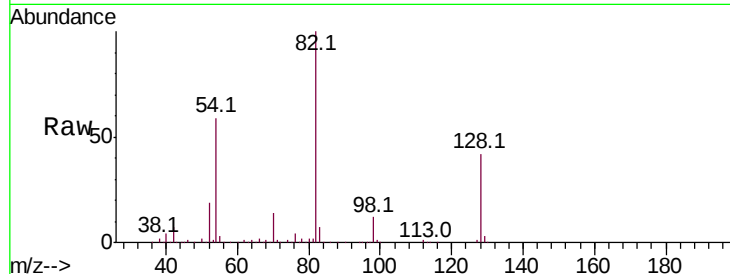




#23
Nitrobenzene-d5
Concen: 103.748 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

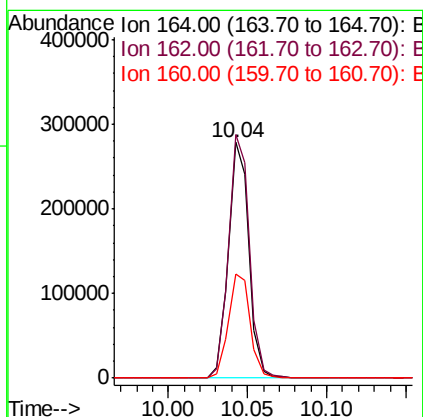
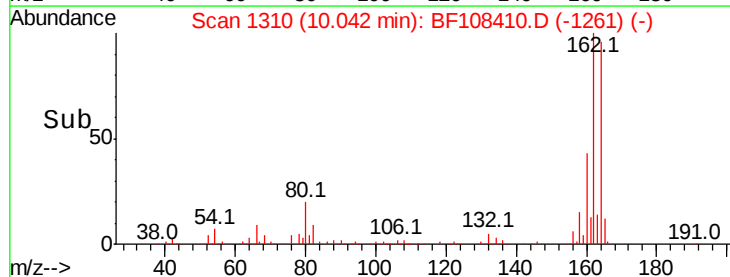
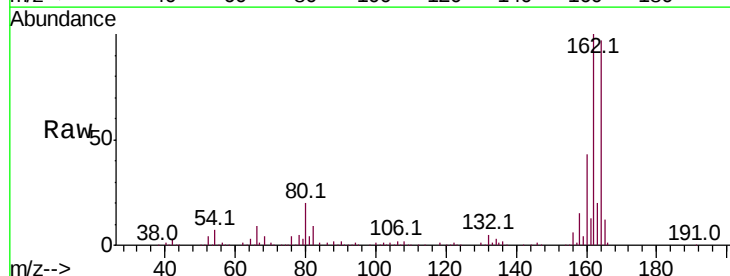
Instrument :
BNA_F
ClientSampleId :
081518-SIDI-F-D-S

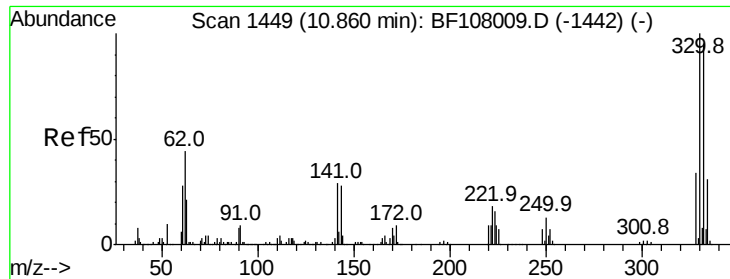
Tot Ion: 82 Resp: 1005769
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 58.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:164 Resp: 249195
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 44.4 38.3 57.5

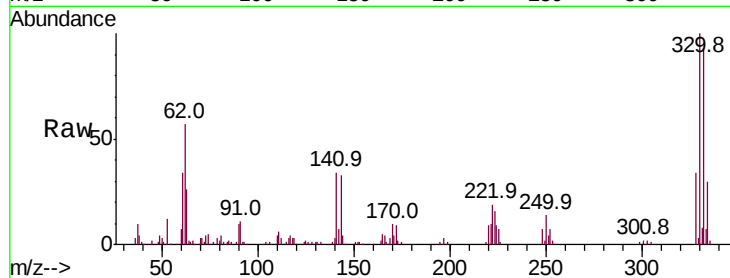




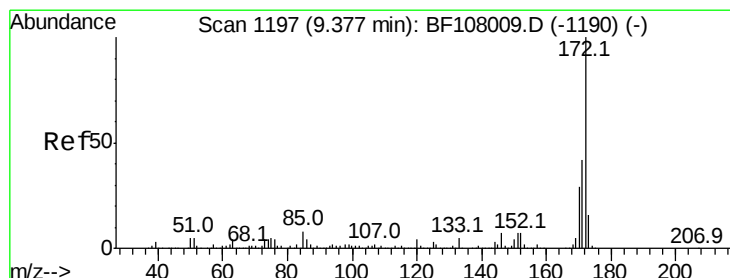
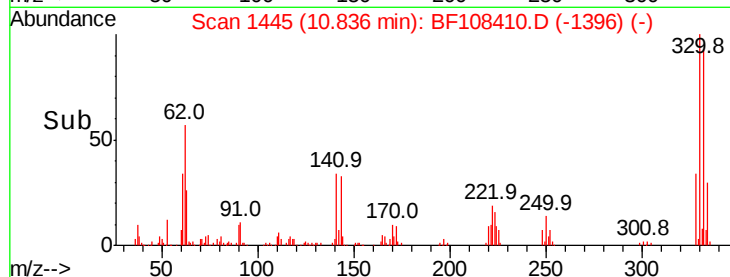
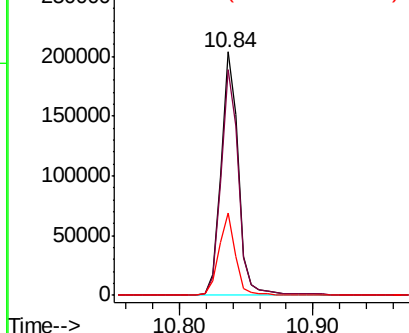
#41
 2,4,6-Tribromophenol
 Concen: 75.903 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108410.D
 Acq: 23 Aug 2018 5:20

Instrument :
 BNA_F
 ClientSampleId :
 081518-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.2	29.9	44.9

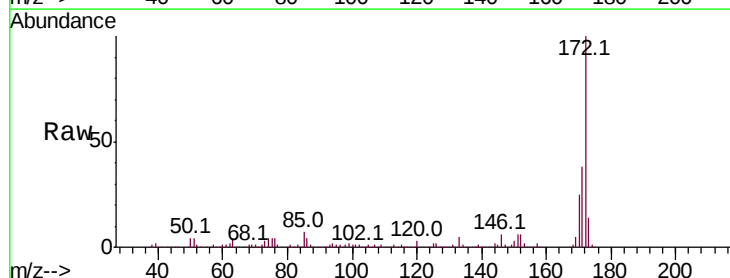


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

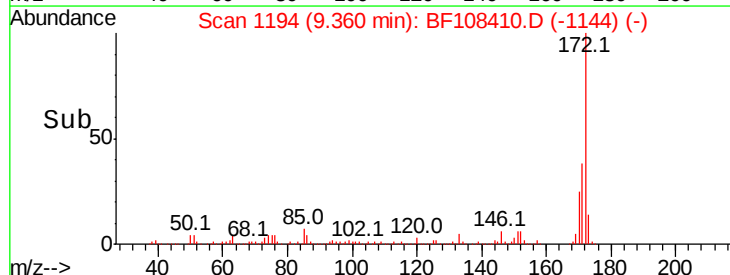
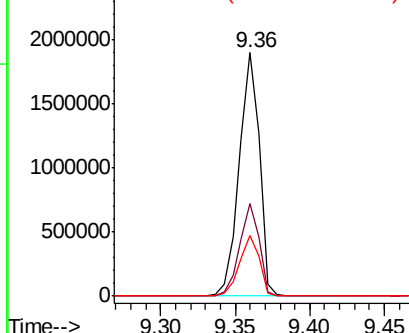


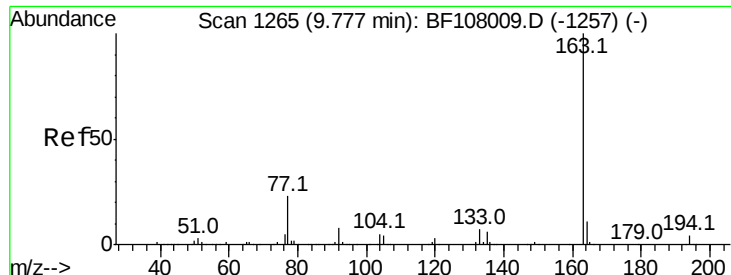
#44
 2-Fluorobiphenyl
 Concen: 115.883 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108410.D
 Acq: 23 Aug 2018 5:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.1	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

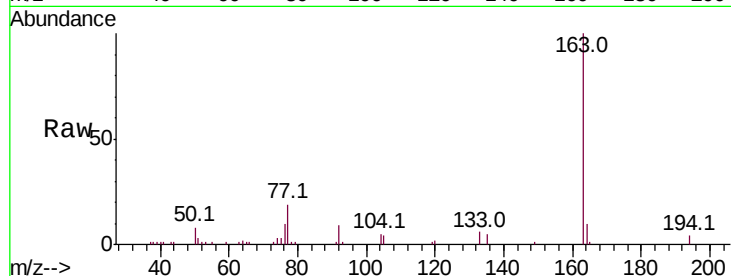




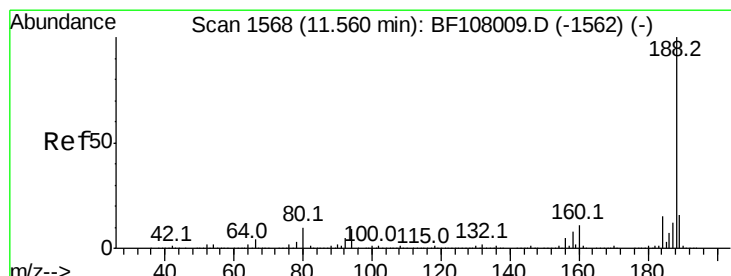
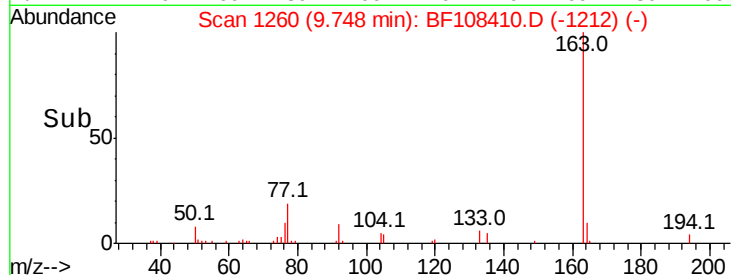
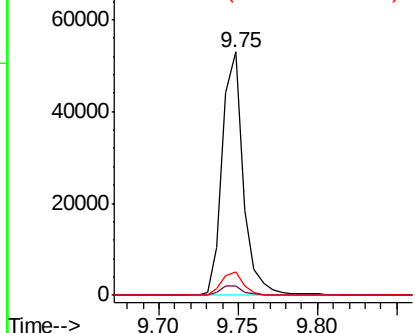
#49
Dimethylphthalate
Concen: 2.810 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :
081518-SIDI-F-D-S

Tot Ion:163 Resp: 48776
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 8.2 12.2

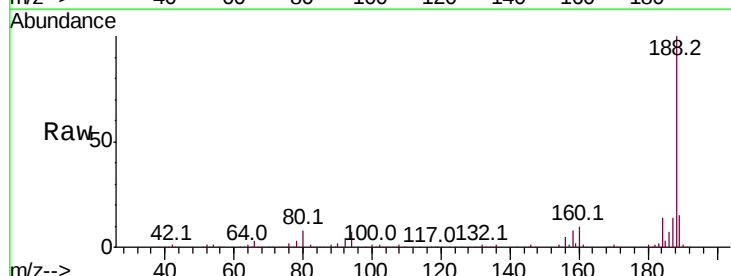


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

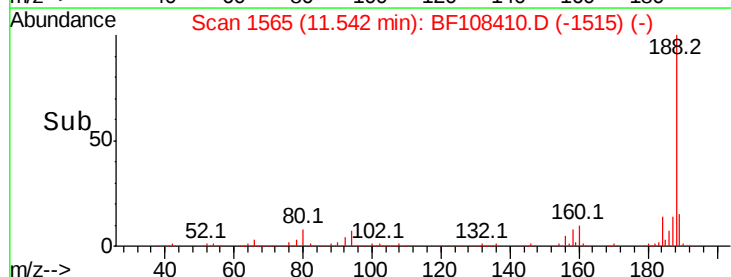
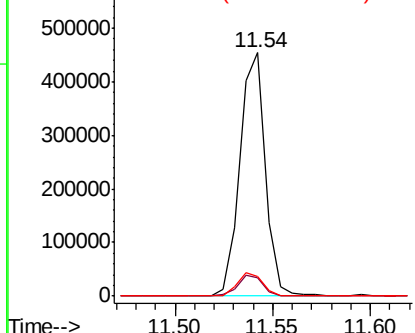


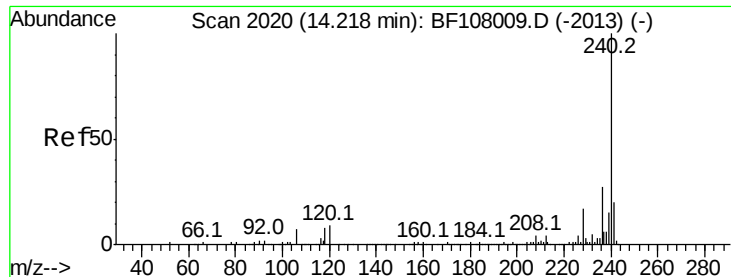
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:188 Resp: 410954
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 7.9 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: BF108410.D

Acq: 23 Aug 2018 5:20

Instrument :

BNA_F

ClientSampleId :

081518-SIDI-F-D-S

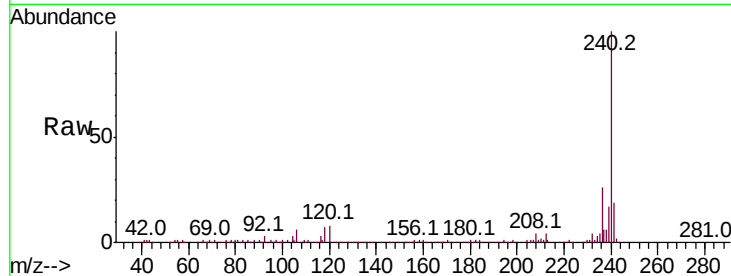
Tot Ion:240 Resp: 284914

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

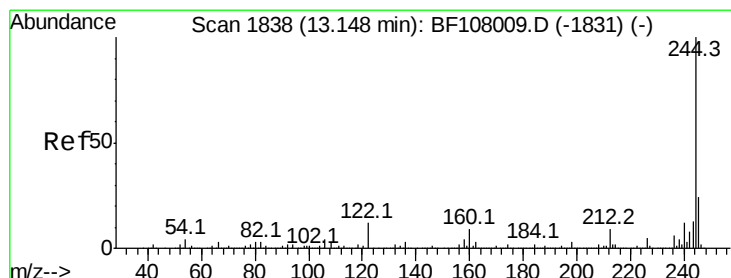
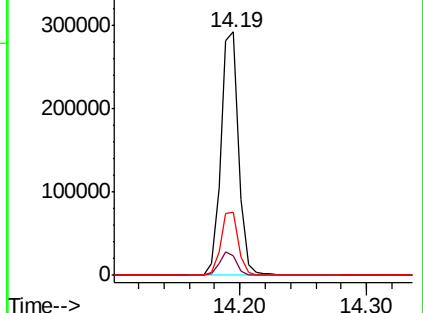
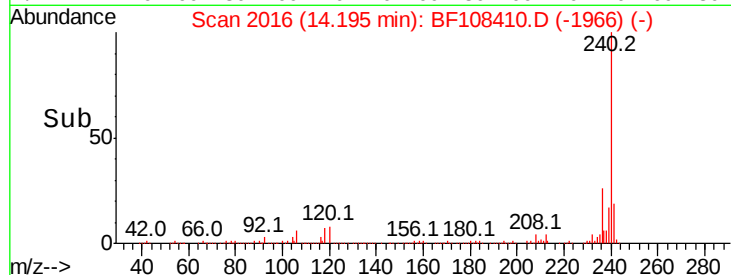
236 25.9 20.7 31.1



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: 113.646 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108410.D

Acq: 23 Aug 2018 5:20

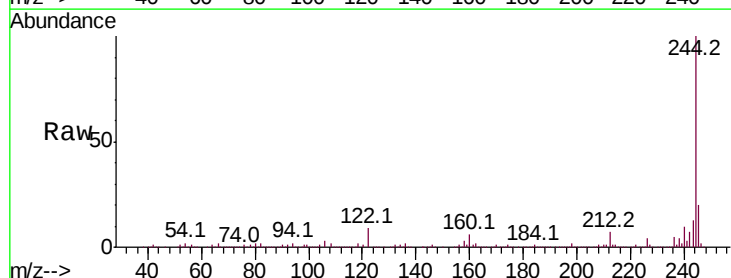
Tgt Ion:244 Resp: 1273484

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

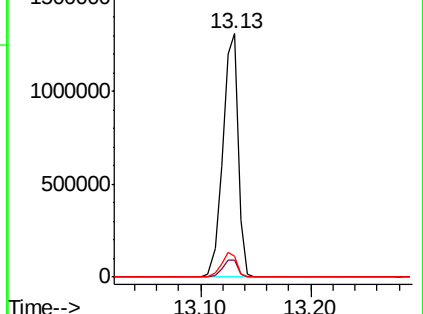
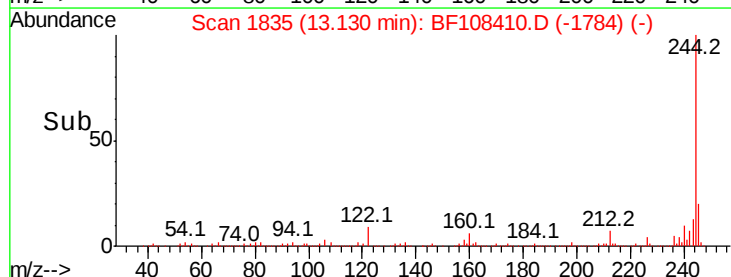
122 8.6 11.0 16.4#

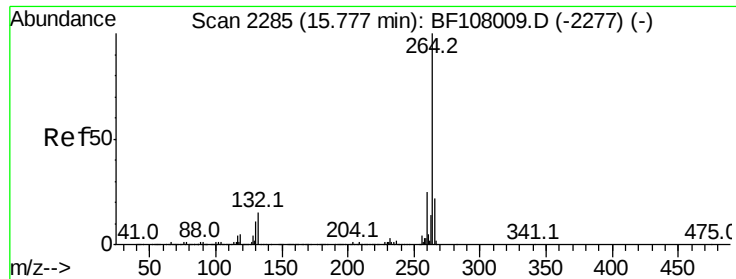


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108410.D
 Acq: 23 Aug 2018 5:20

Instrument :
 BNA_F
 ClientSampleId :
 081518-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3

