

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108408.D
 Acq On : 23 Aug 2018 4:26
 Operator : JU/SJ
 Sample : J4525-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Aug 23 08:25:09 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

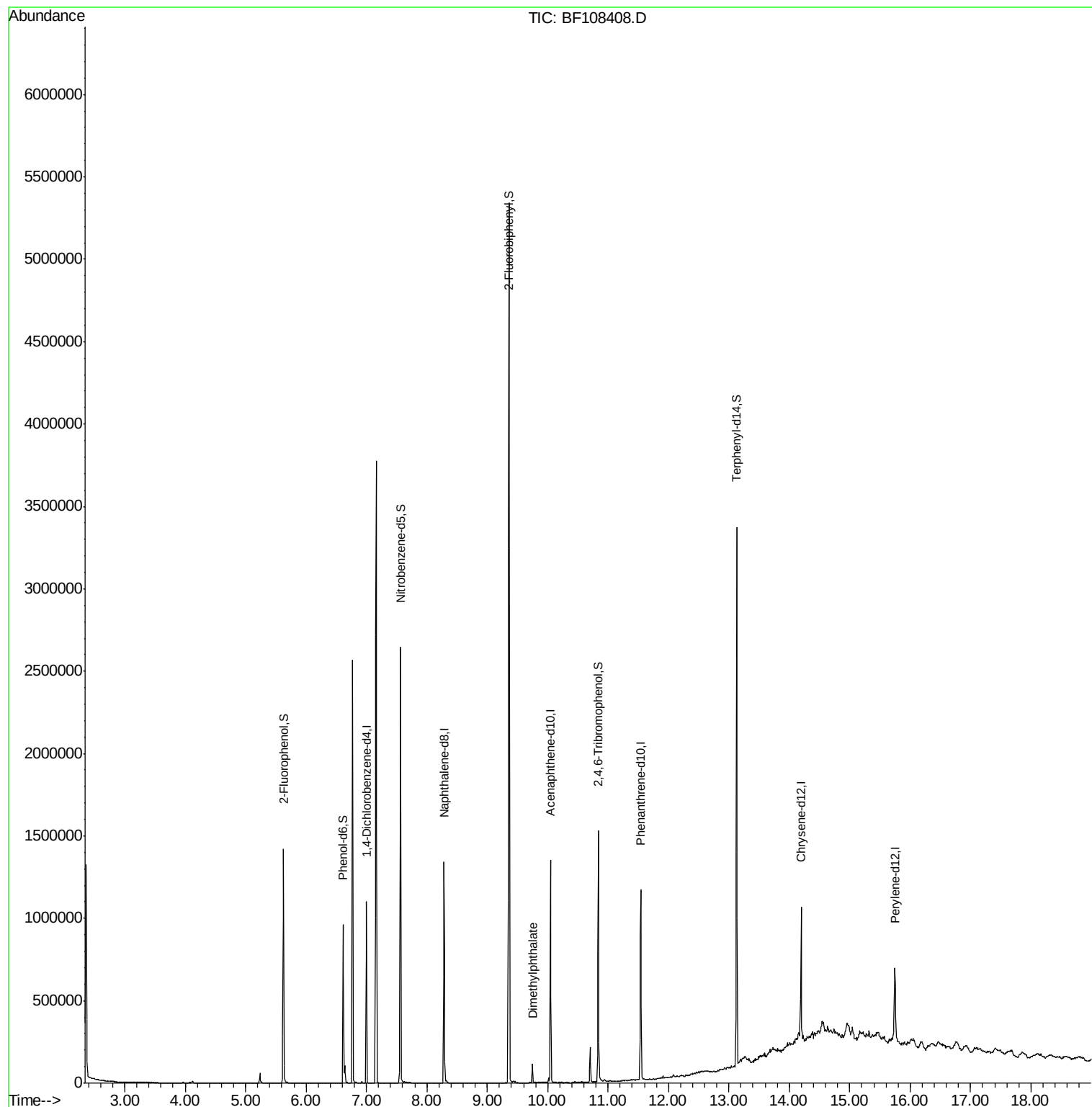
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148046	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	538162	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	252386	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	404103	20.00	ng	0.00
75) Chrysene-d12	14.19	240	270100	20.00	ng	0.00
86) Perylene-d12	15.75	264	229439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	333983	40.84	ng	0.00
7) Phenol-d6	6.61	99	274249	25.24	ng	-0.02
23) Nitrobenzene-d5	7.57	82	927729	96.20	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	174795	69.43	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1673521	106.46	ng	0.00
78) Terphenyl-d14	13.13	244	1141216	107.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	46472	2.643	ng	99

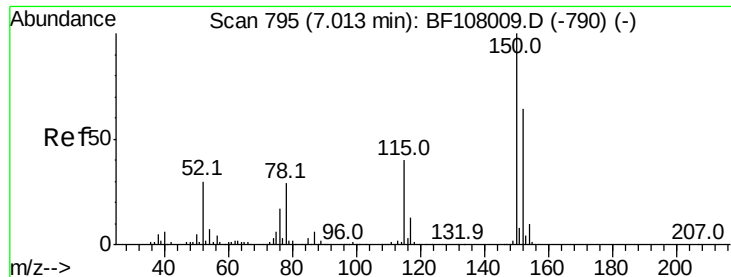
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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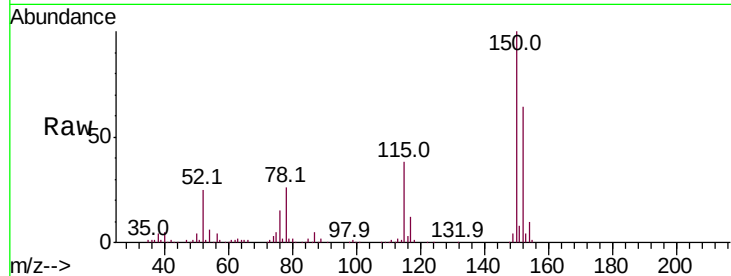


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108408.D
Acq: 23 Aug 2018 4:26

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.0	50.1	75.1

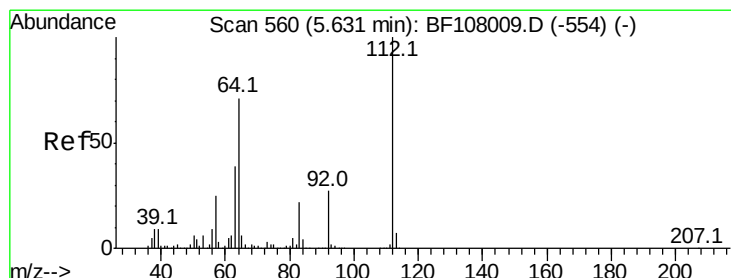
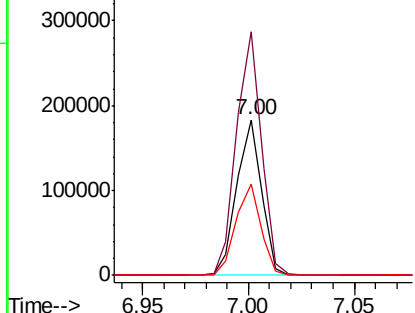
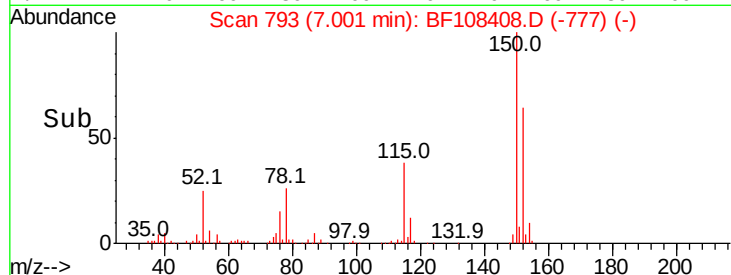


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

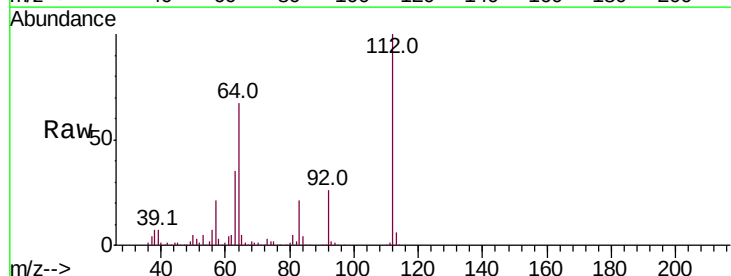
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.843 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108408.D
Acq: 23 Aug 2018 4:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.7	23.7	35.5

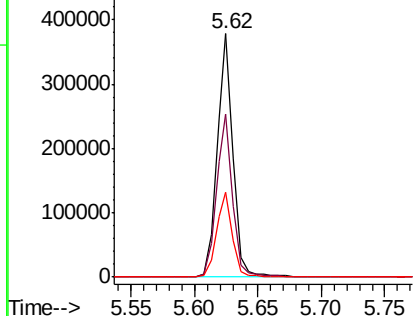
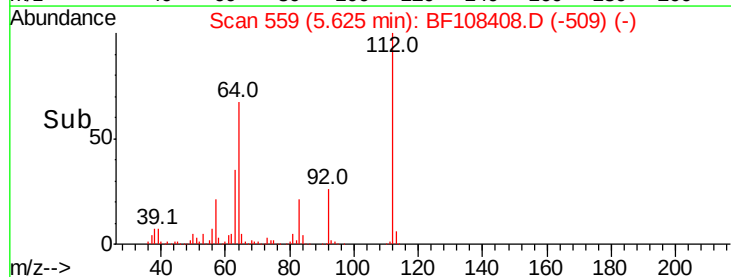


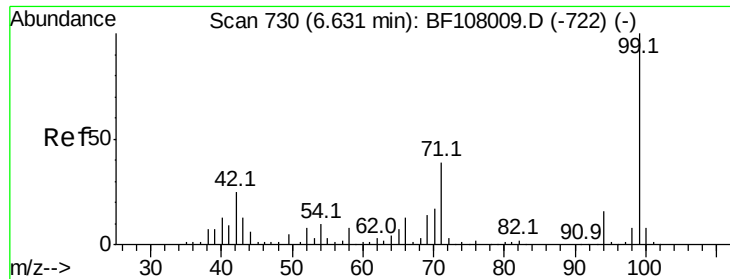
Abundance

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: 25.238 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108408.D

Acq: 23 Aug 2018 4:26

Instrument :

BNA_F

ClientSampleId :

081518-SIDI-F-D-B

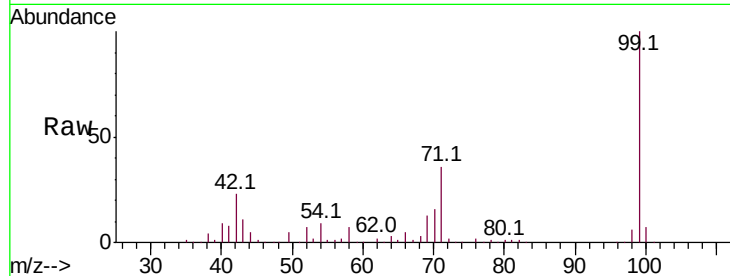
Tot Ion: 99 Resp: 274249

Ion Ratio Lower Upper

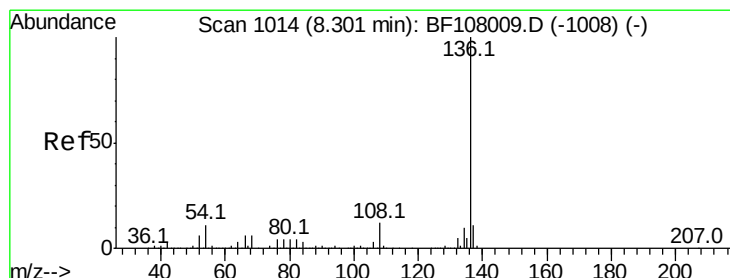
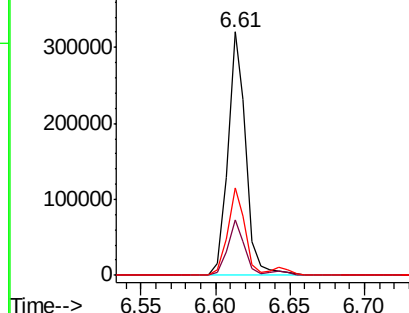
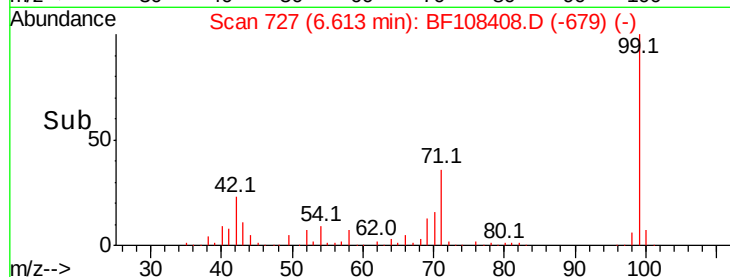
99 100

42 22.6 14.5 21.7#

71 36.1 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: BF108408.D

Acq: 23 Aug 2018 4:26

Tgt Ion: 136 Resp: 538162

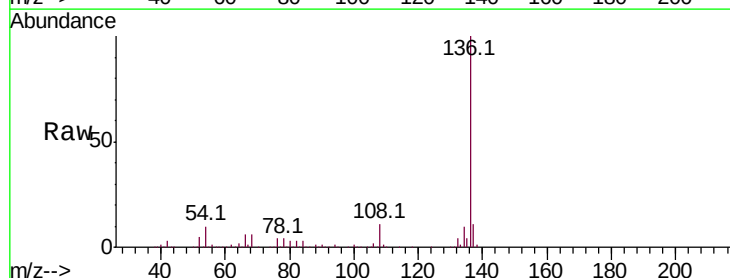
Ion Ratio Lower Upper

136 100

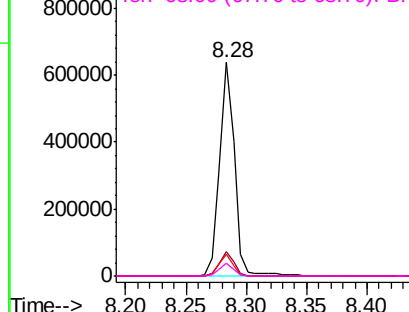
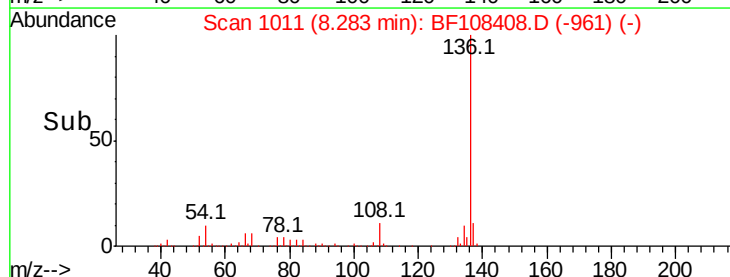
137 11.4 8.9 13.3

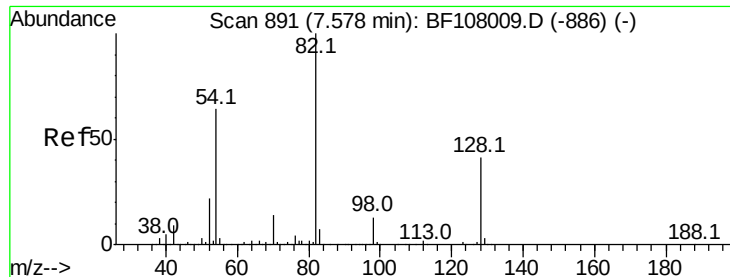
54 10.0 6.6 9.8#

68 5.8 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

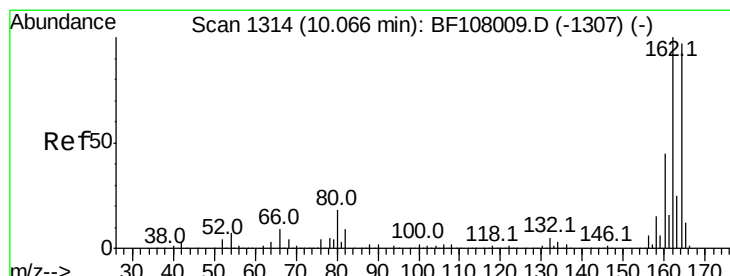
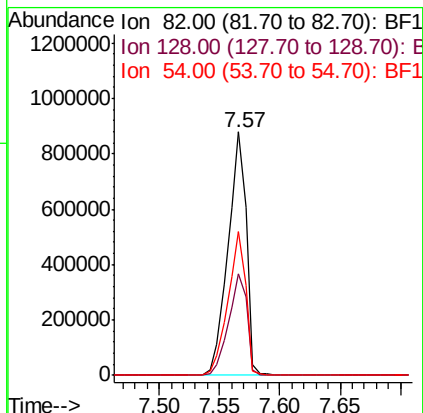
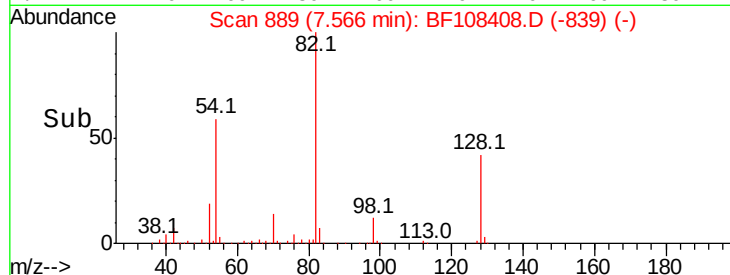
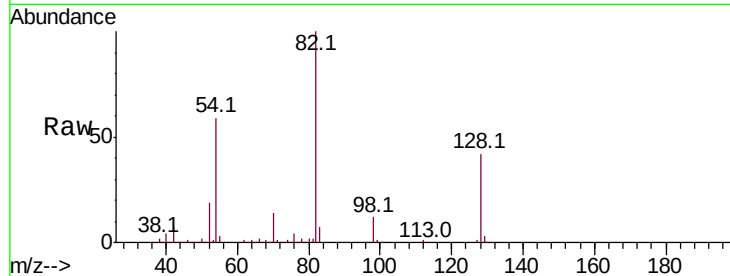




#23
 Nitrobenzene-d5
 Concen: 96.195 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108408.D
 Acq: 23 Aug 2018 4:26

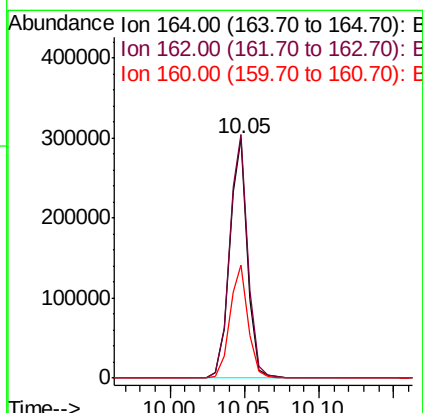
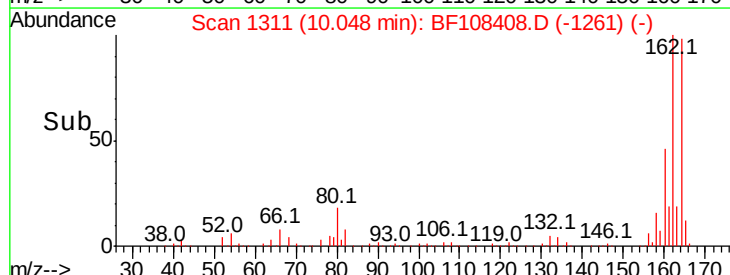
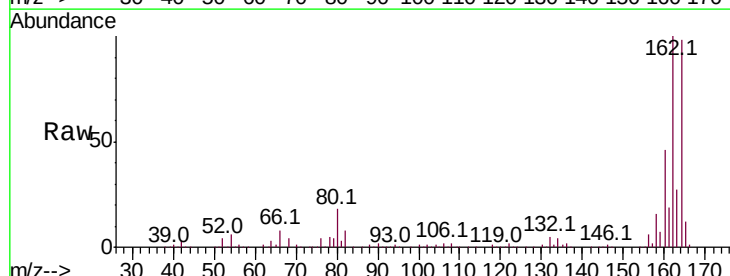
Instrument :
 BNA_F
 ClientSampleId :
 081518-SIDI-F-D-B

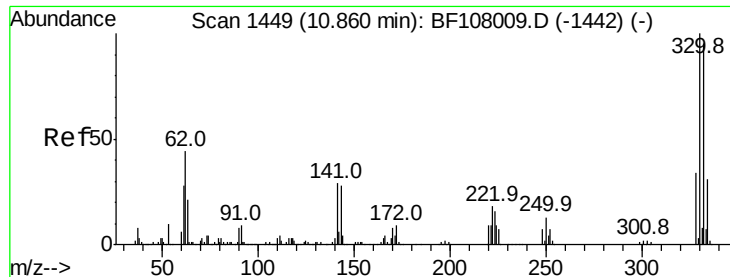
Tot Ion: 82 Resp: 927729
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.1 54.1
 54 58.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108408.D
 Acq: 23 Aug 2018 4:26

Tgt Ion: 164 Resp: 252386
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 47.0 38.3 57.5

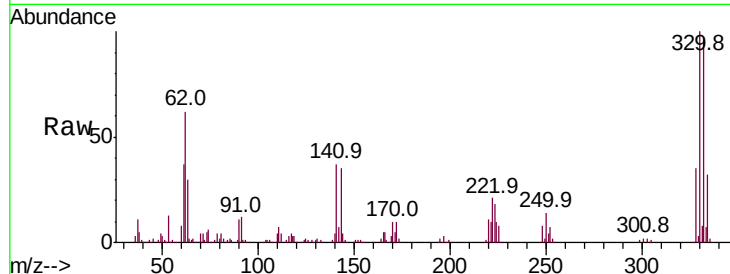




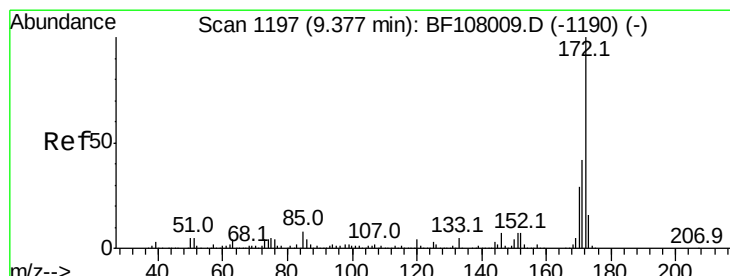
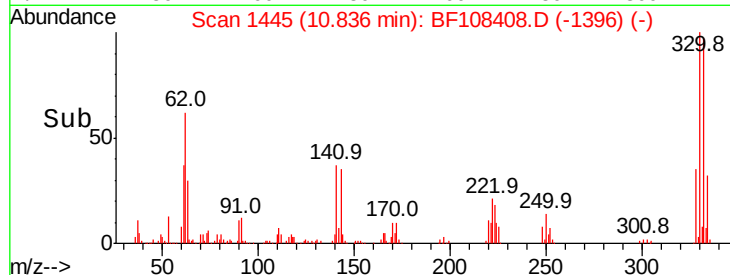
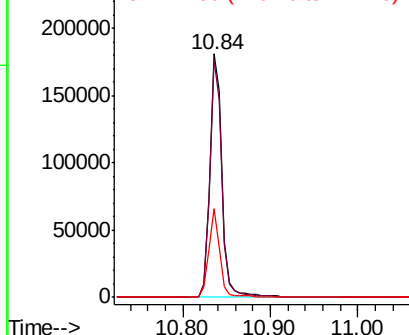
#41
 2,4,6-Tribromophenol
 Concen: 69.432 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108408.D
 Acq: 23 Aug 2018 4:26

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.1	29.9	44.9

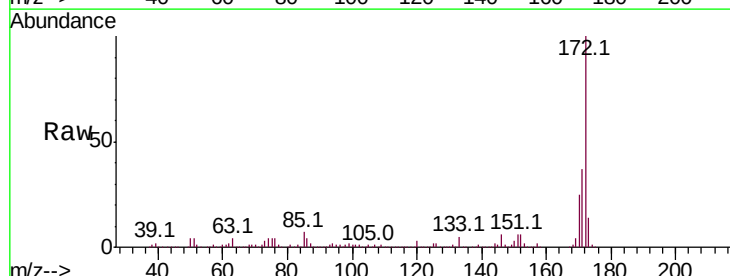


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

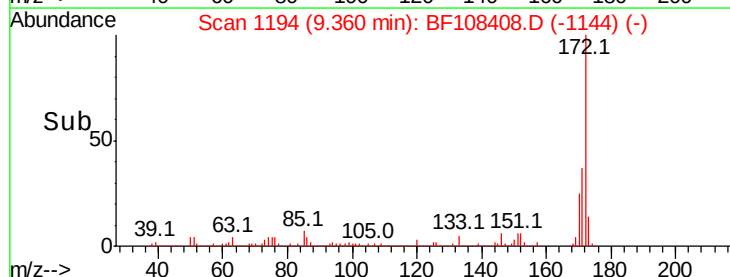
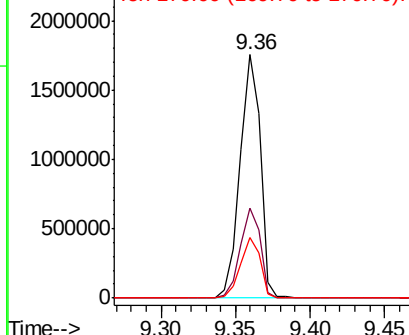


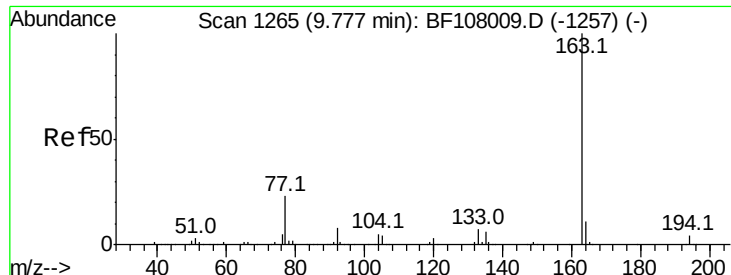
#44
 2-Fluorobiphenyl
 Concen: 106.455 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108408.D
 Acq: 23 Aug 2018 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.9	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

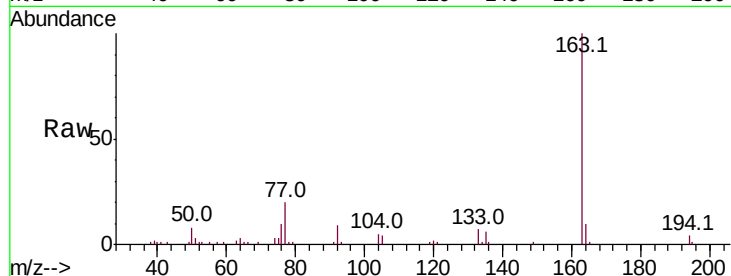




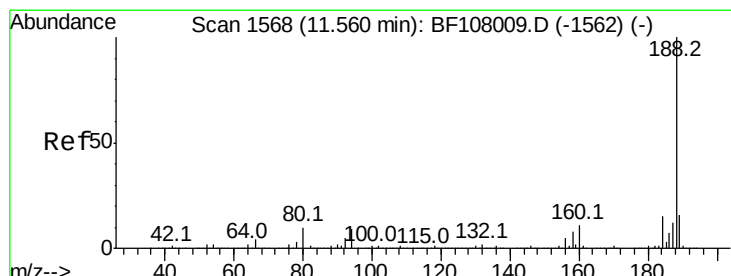
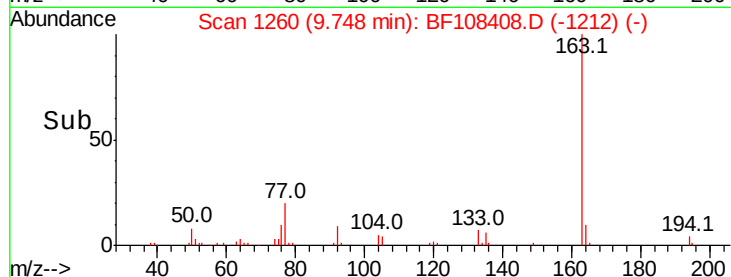
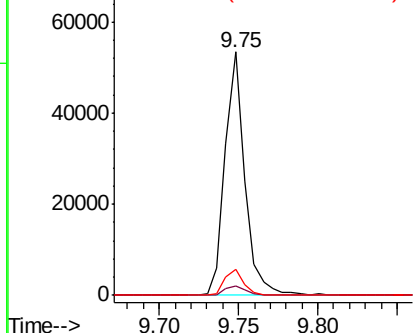
#49
Dimethylphthalate
Concen: 2.643 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108408.D
Acq: 23 Aug 2018 4:26

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

Tot Ion:163 Resp: 46472
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.4 8.2 12.2

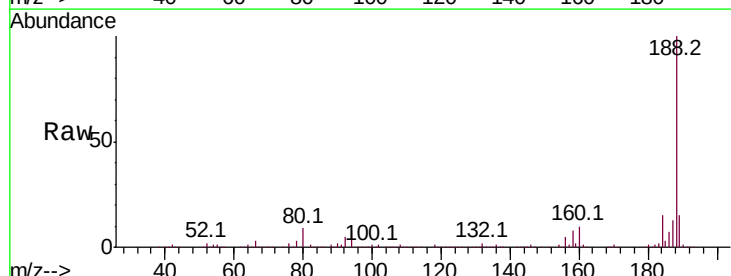


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

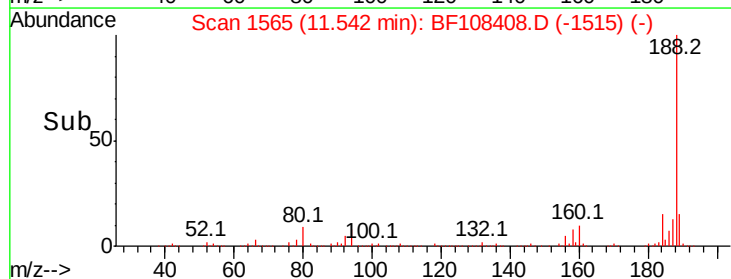
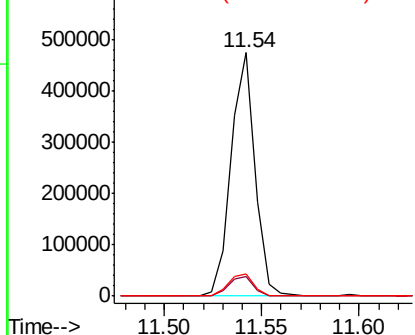


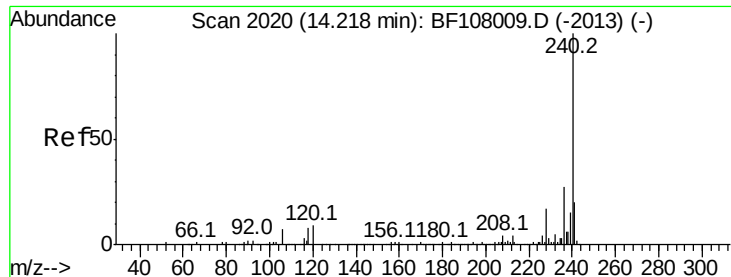
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108408.D
Acq: 23 Aug 2018 4:26

Tgt Ion:188 Resp: 404103
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.0 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: BF108408.D

Acq: 23 Aug 2018 4:26

Instrument :

BNA_F

ClientSampleId :

081518-SIDI-F-D-B

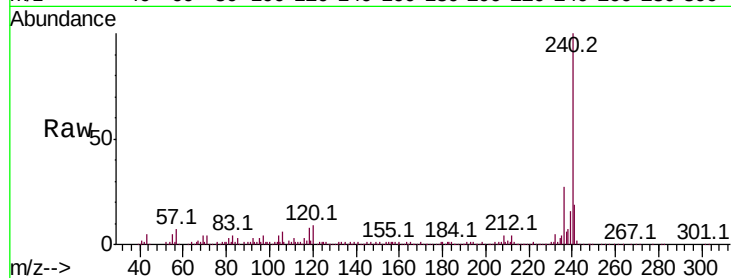
Tot Ion:240 Resp: 270100

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

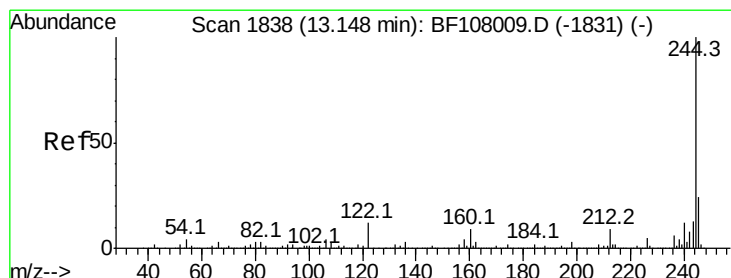
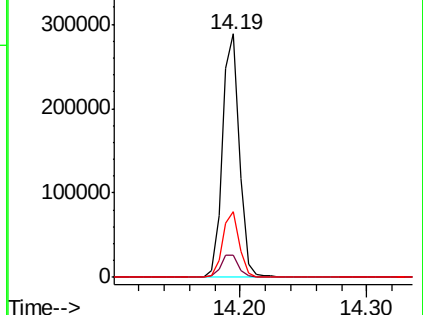
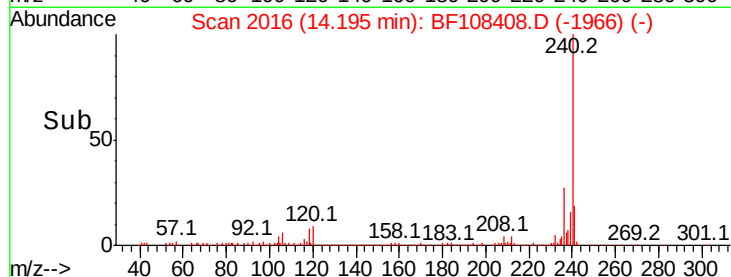
236 26.8 20.7 31.1



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: 107.428 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108408.D

Acq: 23 Aug 2018 4:26

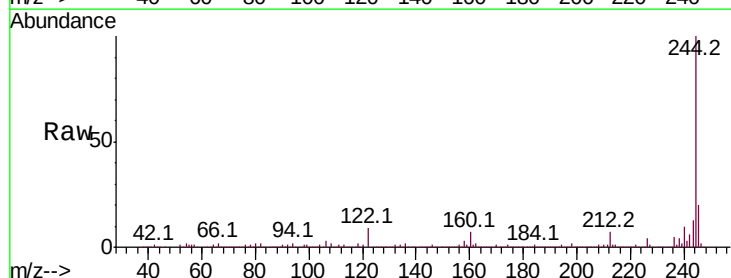
Tgt Ion:244 Resp: 1141216

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

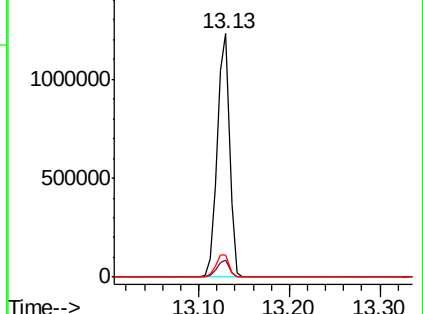
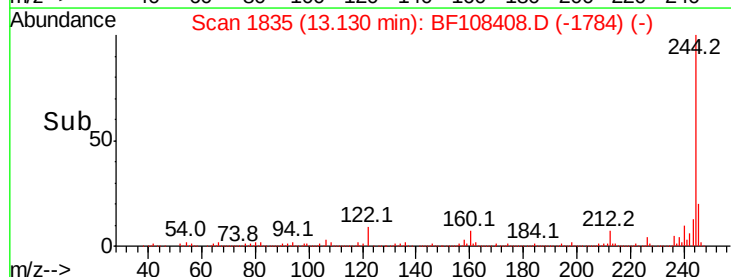
122 9.0 11.0 16.4#

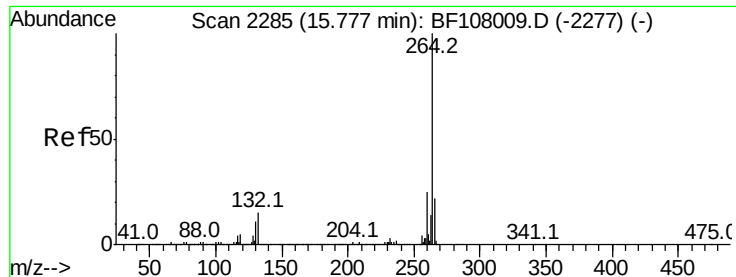


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108408.D
Acq: 23 Aug 2018 4:26

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

