

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108413.D
 Acq On : 23 Aug 2018 6:41
 Operator : JU/SJ
 Sample : J4525-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Aug 23 08:33:10 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

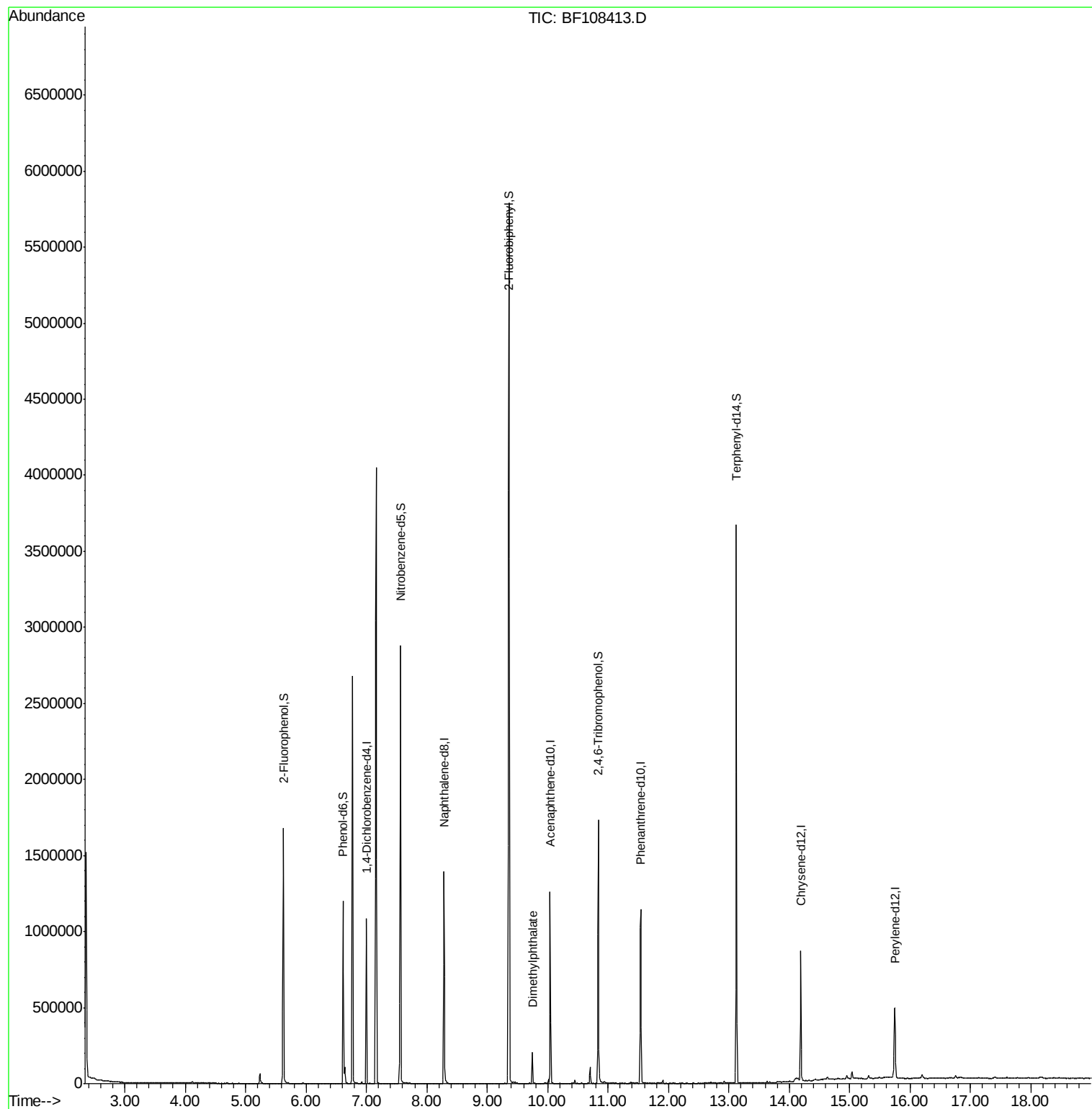
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	155449	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	565625	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	263567	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	430711	20.00	ng	0.00
75) Chrysene-d12	14.19	240	302902	20.00	ng	-0.01
86) Perylene-d12	15.75	264	247384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	405068	47.18	ng	0.00
7) Phenol-d6	6.61	99	343023	30.06	ng	-0.02
23) Nitrobenzene-d5	7.57	82	1036070	102.21	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	202548	77.04	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1835294	111.79	ng	0.00
78) Terphenyl-d14	13.12	244	1297543	108.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	89444	4.872	ng	# 98

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

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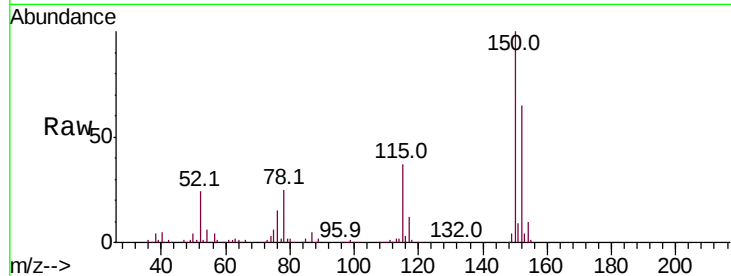


#1

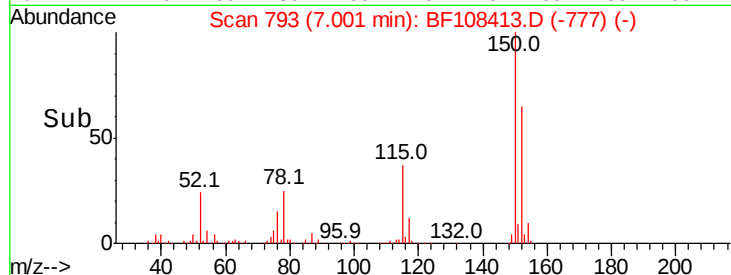
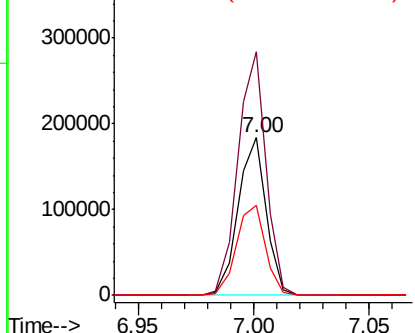
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

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

Tot Ion:152 Resp: 155449
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.5 50.1 75.1



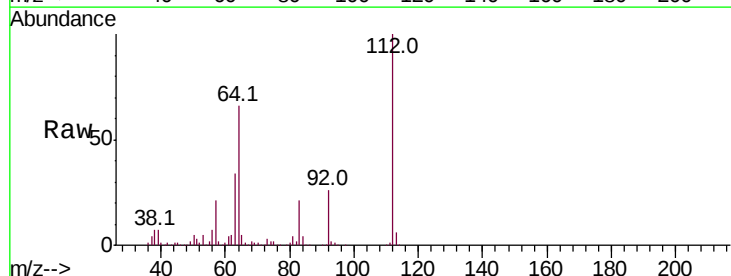
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



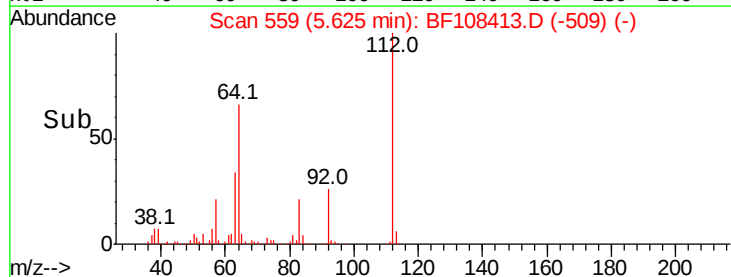
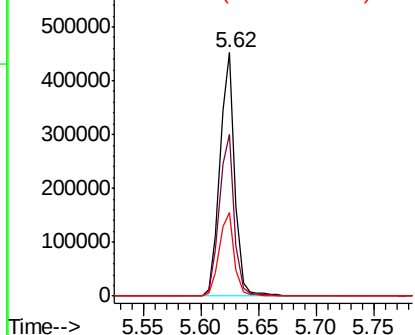
#5

2-Fluorophenol
Concen: 47.177 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:112 Resp: 405068
Ion Ratio Lower Upper
112 100
64 66.4 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: 30.064 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108413.D

Acq: 23 Aug 2018 6:41

Instrument :

BNA_F

ClientSampleId :

081518-SIDI-F-U-S

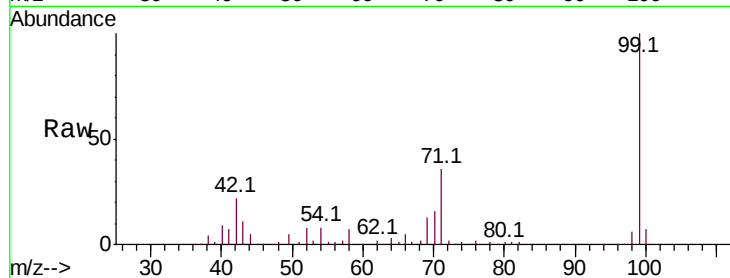
Tot Ion: 99 Resp: 343023

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

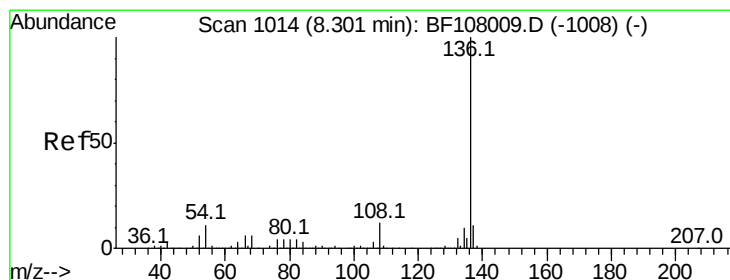
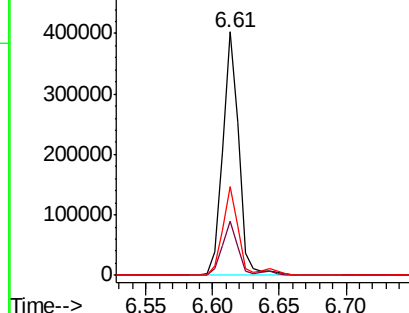
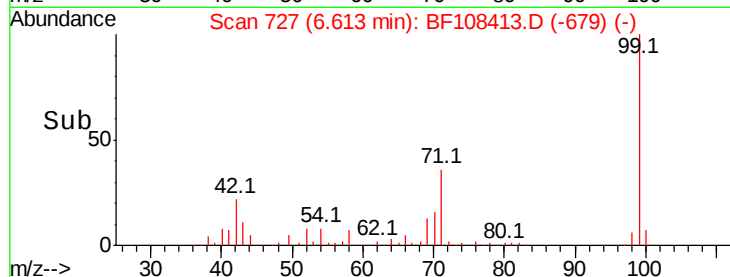
71 36.5 25.4 38.0



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: BF108413.D

Acq: 23 Aug 2018 6:41

Tgt Ion: 136 Resp: 565625

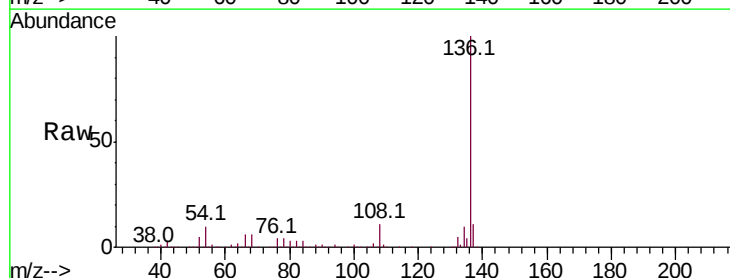
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 5.8 5.0 7.4

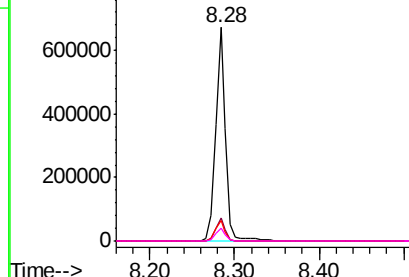
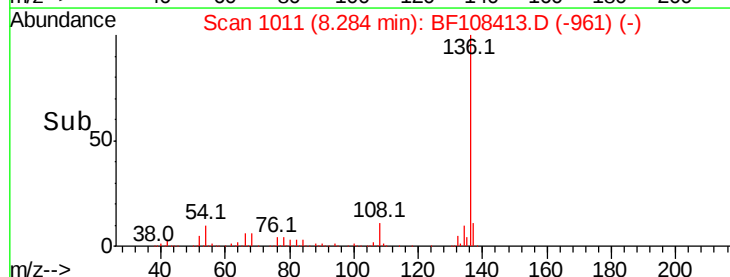


Abundance Ion 136.00 (135.70 to 136.70): E

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

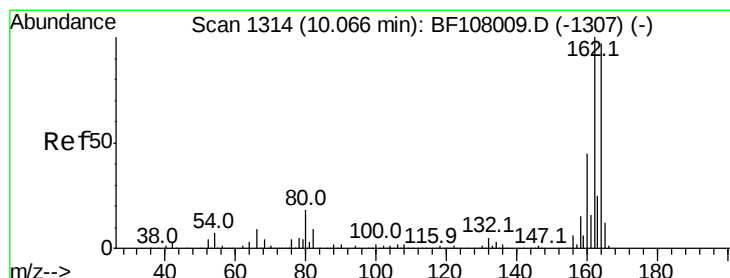
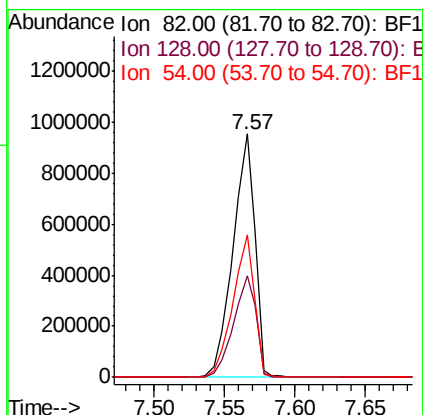
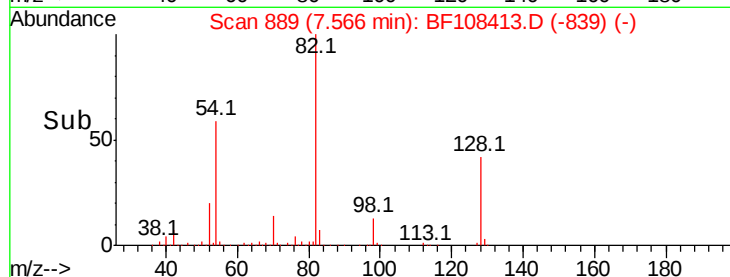
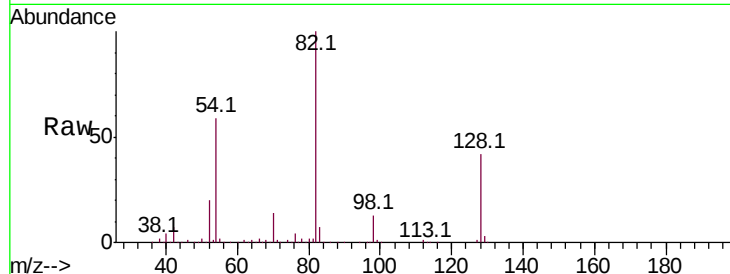




#23
 Nitrobenzene-d5
 Concen: 102.213 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

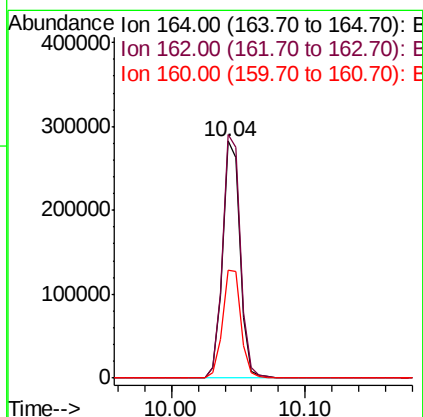
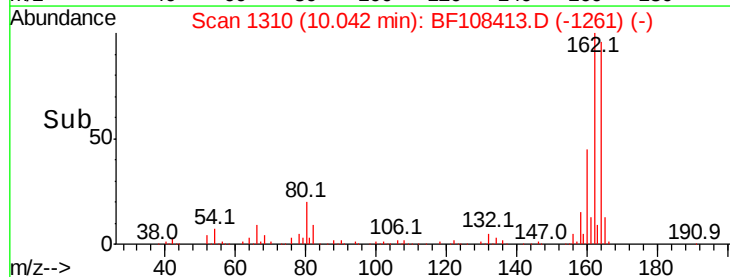
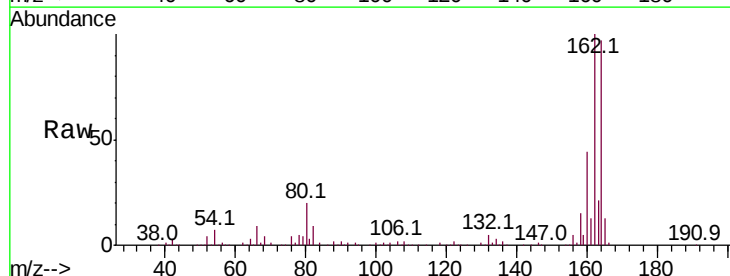
Instrument :
 BNA_F
 ClientSampleId :
 081518-SIDI-F-U-S

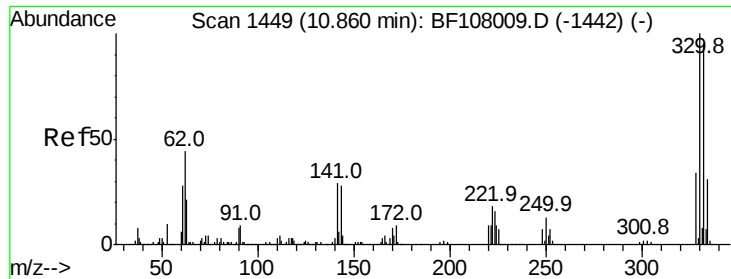
Tot Ion: 82 Resp: 1036070
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 58.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Tgt Ion:164 Resp: 263567
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 45.7 38.3 57.5

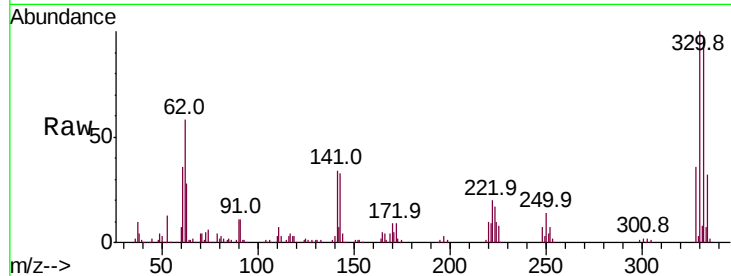




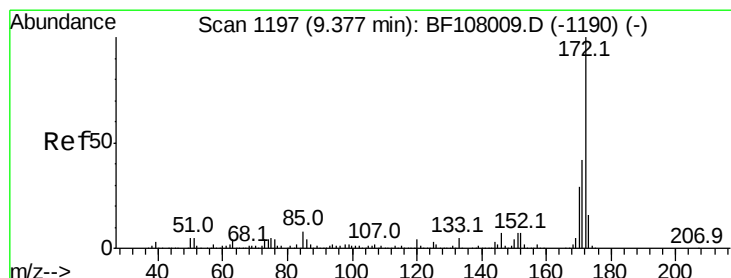
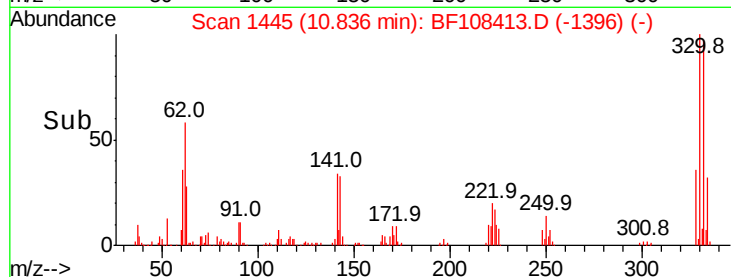
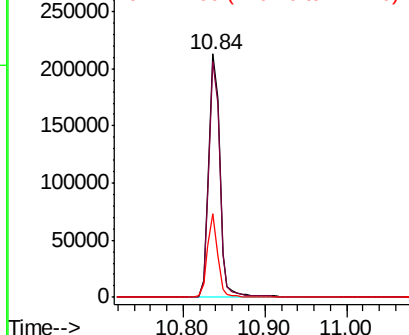
#41
 2,4,6-Tribromophenol
 Concen: 77.043 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

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

Tot Ion:330 Resp: 202548
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.8 29.9 44.9

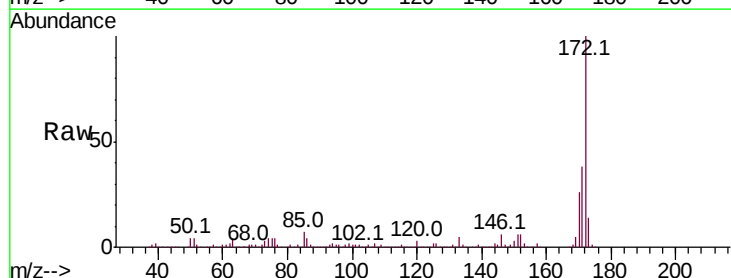


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

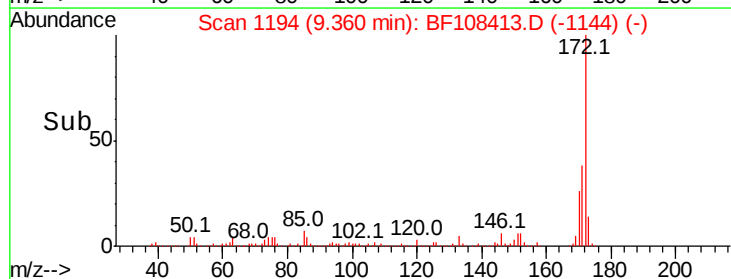
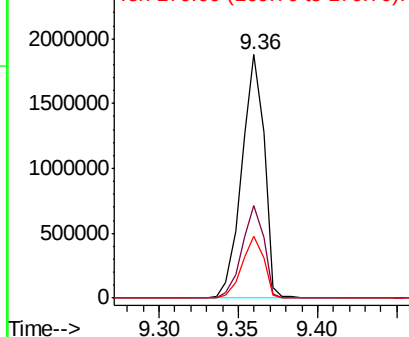


#44
 2-Fluorobiphenyl
 Concen: 111.793 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Tgt Ion:172 Resp: 1835294
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 25.7 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

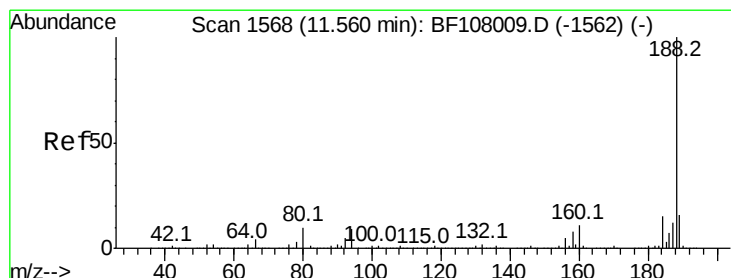
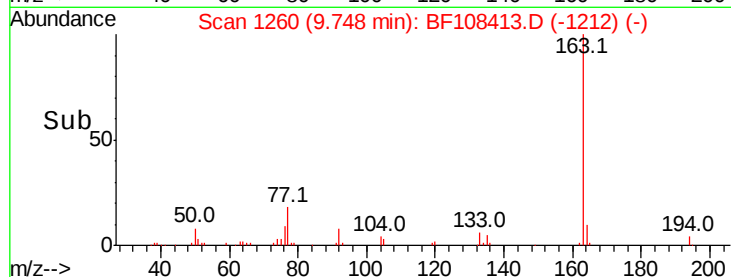
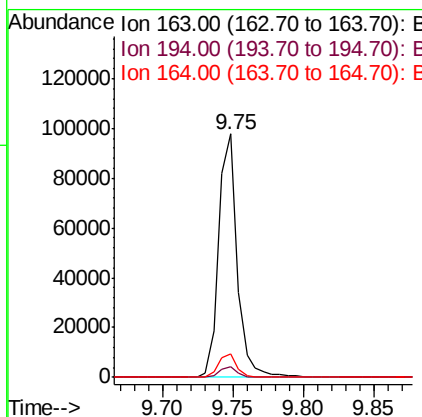
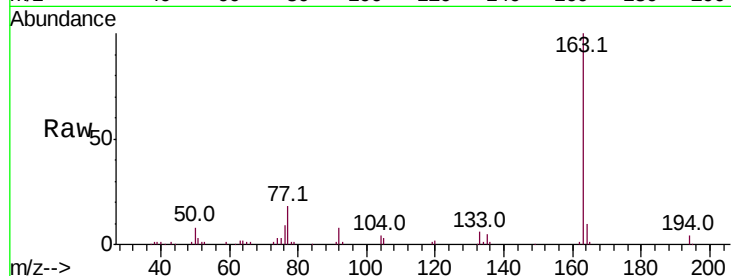




#49
Dimethylphthalate
Concen: 4.872 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

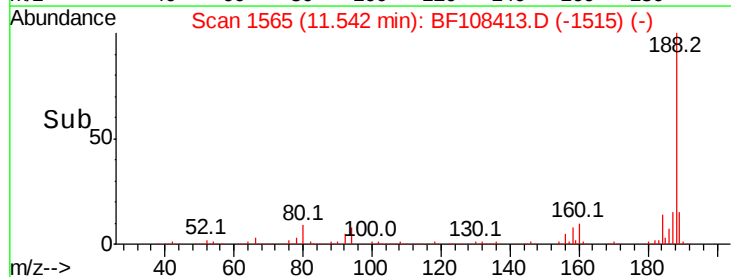
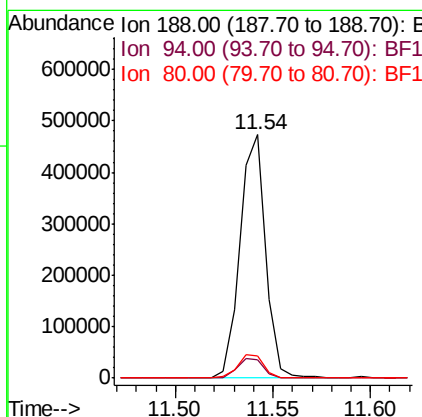
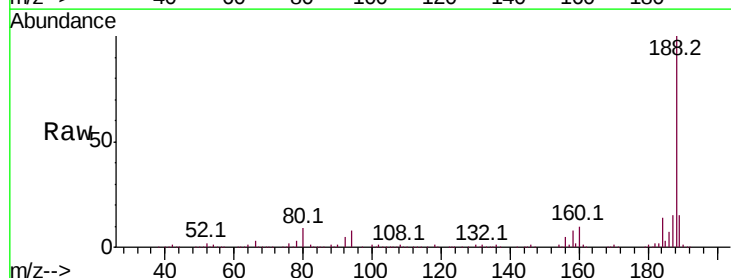
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BNA_F
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081518-SIDI-F-U-S

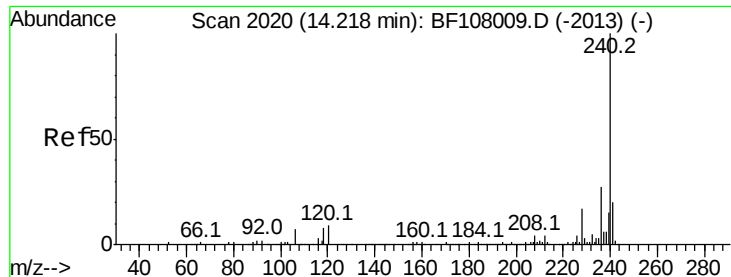
Tot Ion:163 Resp: 89444
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 9.6 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:188 Resp: 430711
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.9 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: BF108413.D

Acq: 23 Aug 2018 6:41

Instrument :

BNA_F

ClientSampleId :

081518-SIDI-F-U-S

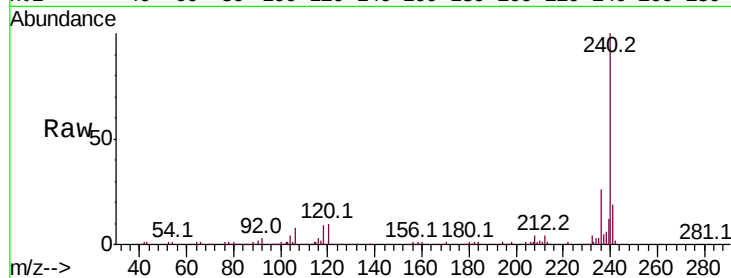
Tot Ion:240 Resp: 302902

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

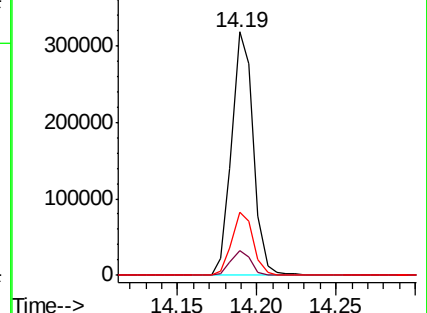
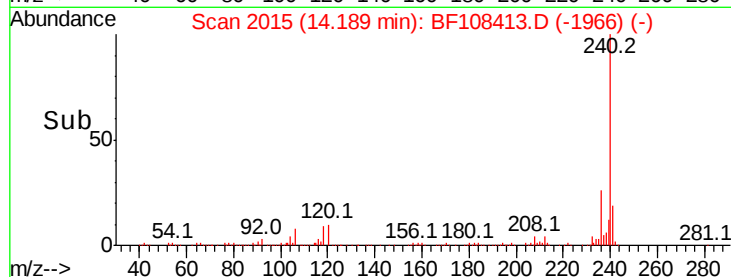
236 26.1 20.7 31.1



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: 108.916 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108413.D

Acq: 23 Aug 2018 6:41

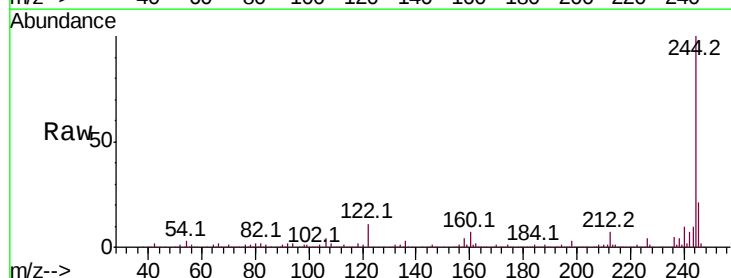
Tgt Ion:244 Resp: 1297543

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

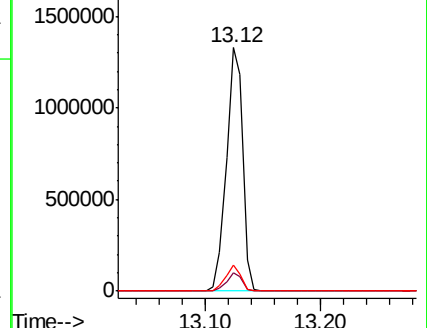
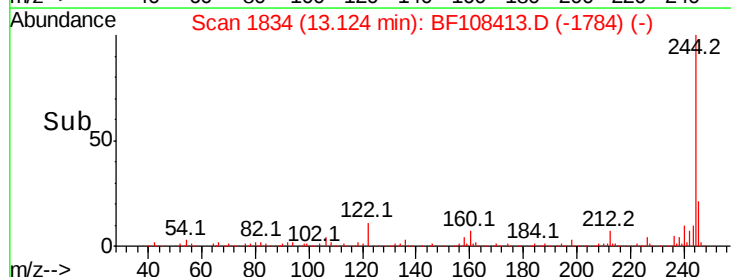
122 10.9 11.0 16.4#

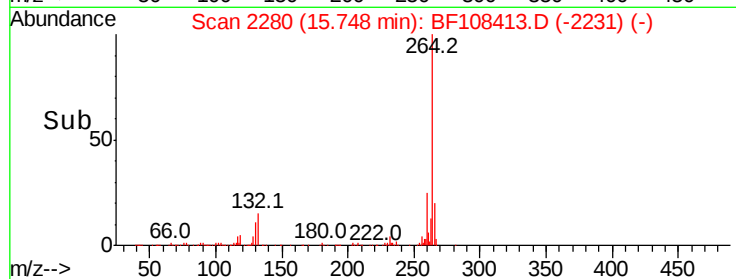
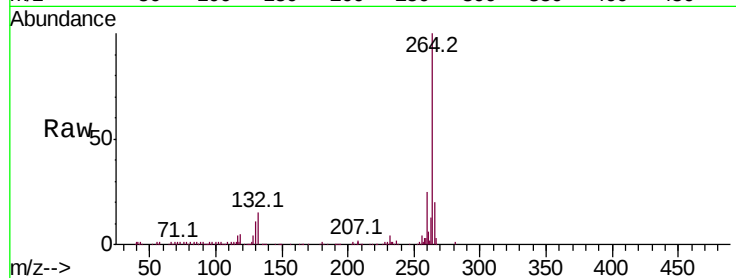


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108413.D

Acq: 23 Aug 2018 6:41

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Tot Ion: 264 Resp: 247384

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.5 17.5 26.3

