

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108583.D
 Acq On : 29 Aug 2018 4:16
 Operator : JU/SJ
 Sample : J4656-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Aug 29 06:59:28 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

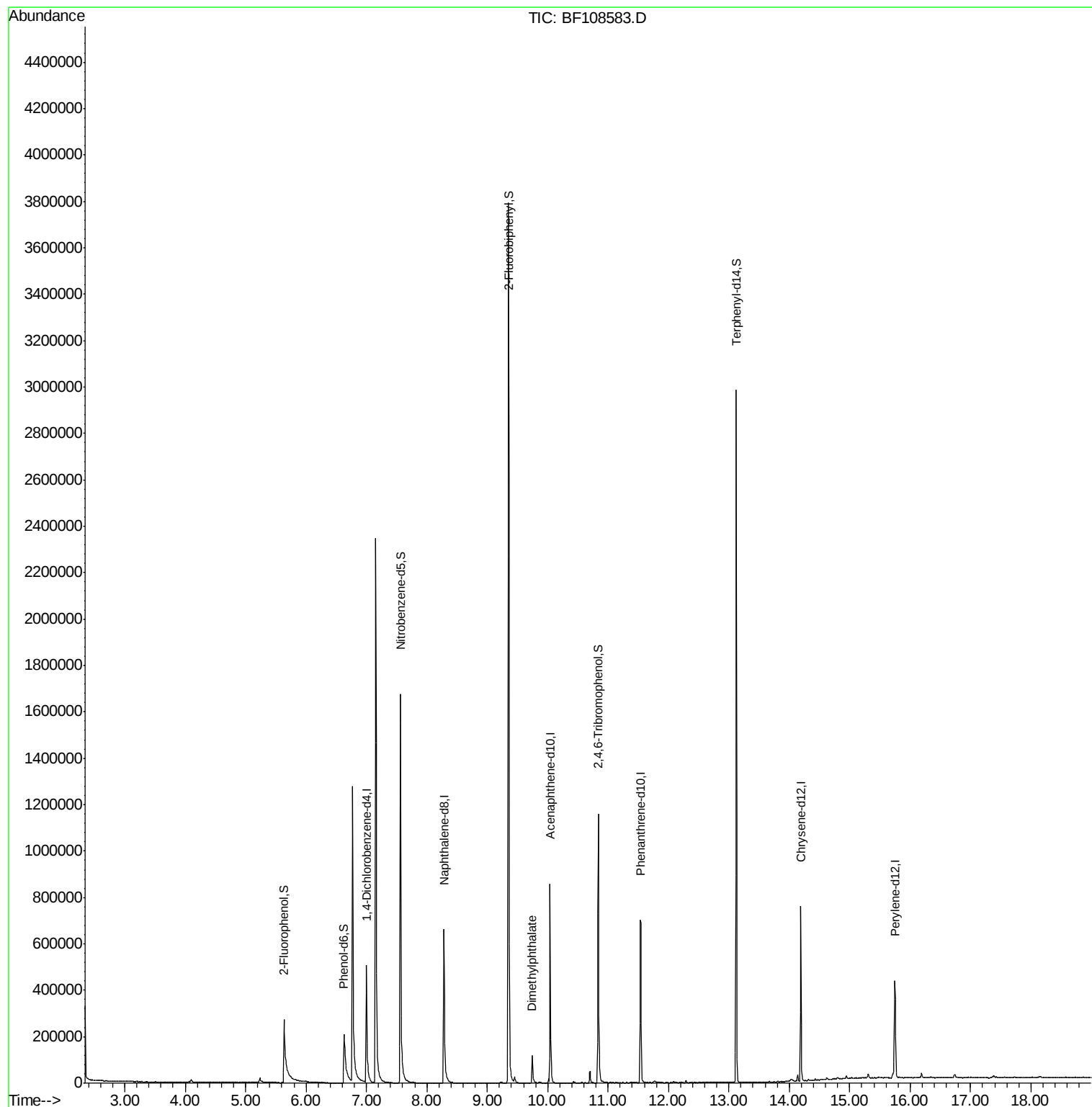
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	106245	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	396774	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	182088	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	305265	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	280006	20.00	ng	-0.01
86) Perylene-d12	15.75	264	229061	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	190651	32.49	ng	0.00
7) Phenol-d6	6.63	99	186766	23.95	ng	0.00
23) Nitrobenzene-d5	7.57	82	705660	99.24	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	157313	86.61	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1286532	113.43	ng	-0.01
78) Terphenyl-d14	13.12	244	1030910	93.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	69655	5.492	ng	99

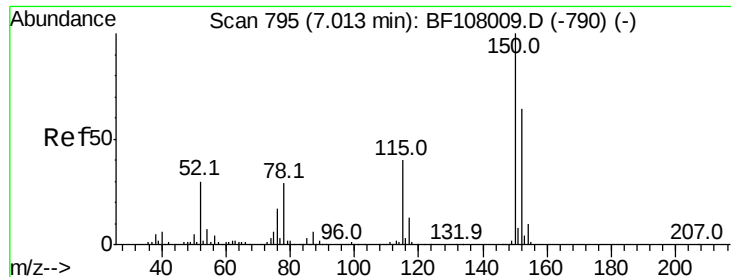
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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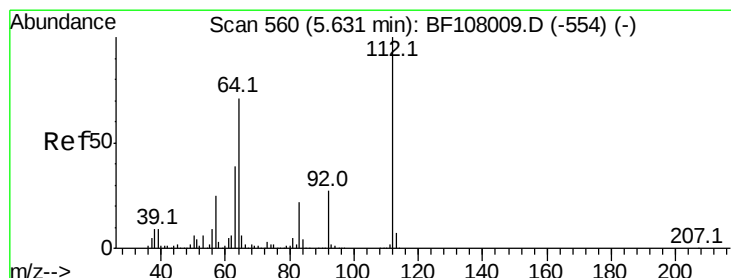
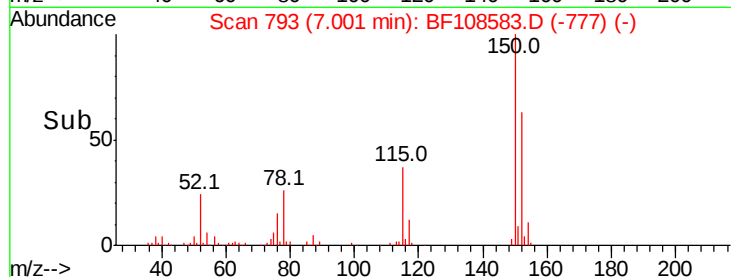
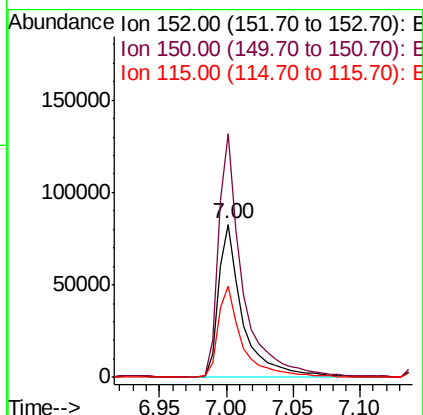
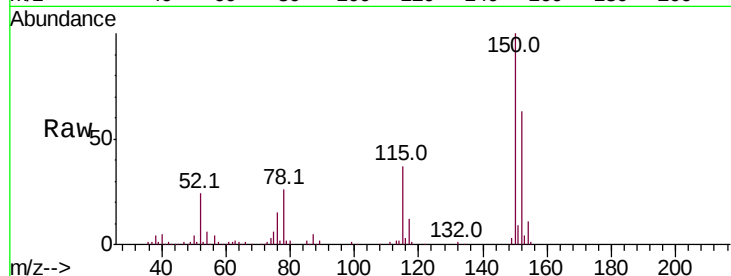


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108583.D
Acq: 29 Aug 2018 4:16

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

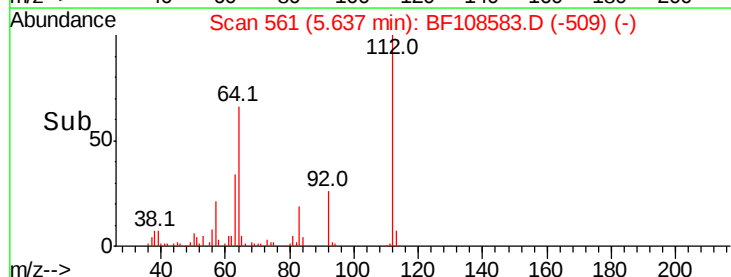
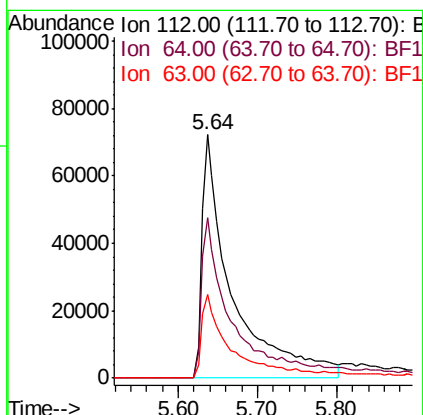
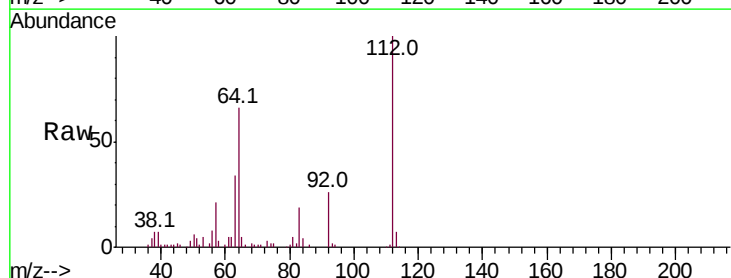
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.3	50.1	75.1



#5

2-Fluorophenol
Concen: 32.488 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108583.D
Acq: 29 Aug 2018 4:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	34.4	23.7	35.5





#7

Phenol-d6

Concen: 23.949 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108583.D

Acq: 29 Aug 2018 4:16

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-S

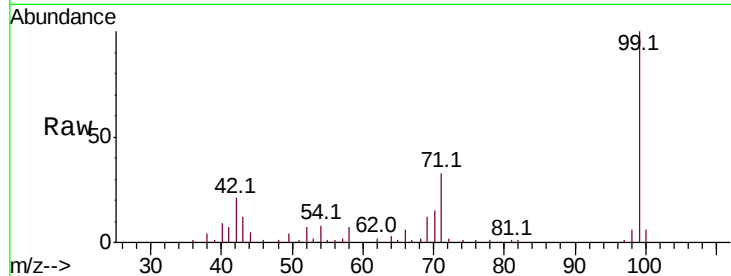
Tot Ion: 99 Resp: 186766

Ion Ratio Lower Upper

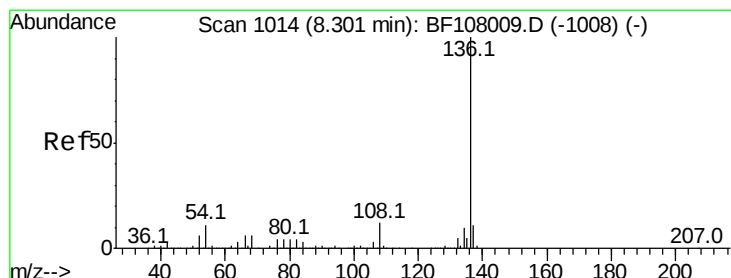
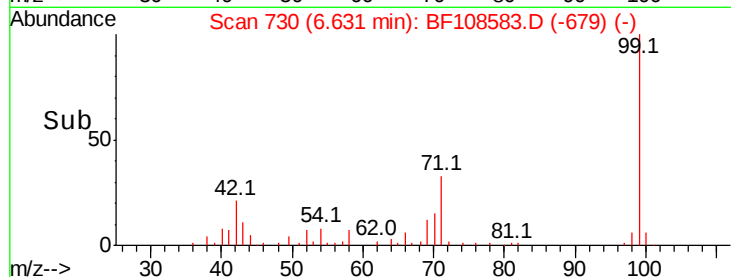
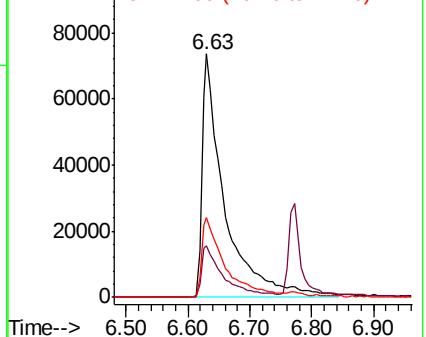
99 100

42 21.5 14.5 21.7

71 32.7 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: BF108583.D

Acq: 29 Aug 2018 4:16

Tgt Ion: 136 Resp: 396774

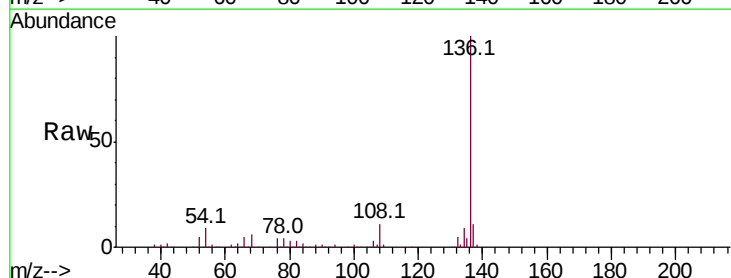
Ion Ratio Lower Upper

136 100

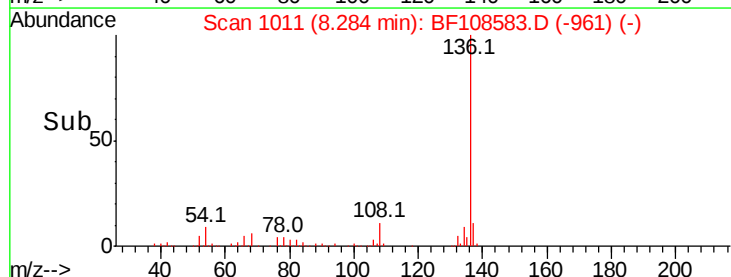
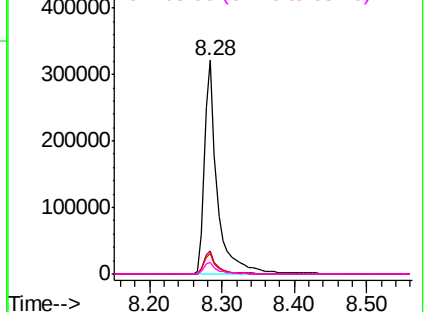
137 10.9 8.9 13.3

54 9.4 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: 99.243 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108583.D

Acq: 29 Aug 2018 4:16

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-S

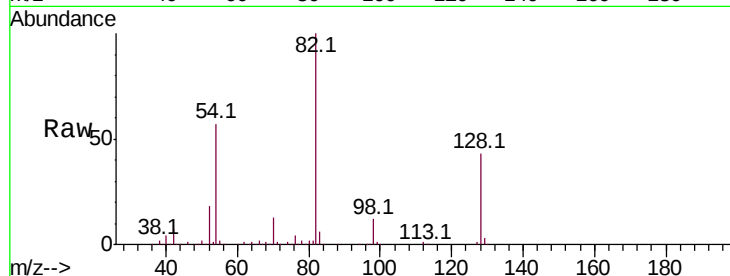
Tot Ion: 82 Resp: 705660

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

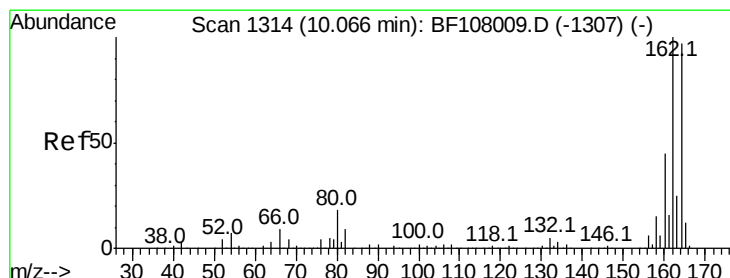
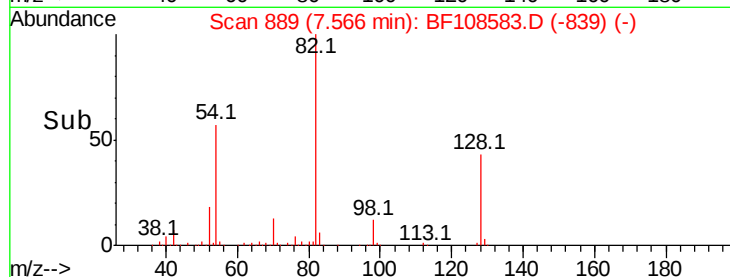
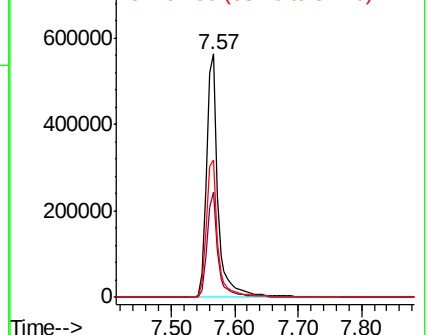
54 56.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108583.D

Acq: 29 Aug 2018 4:16

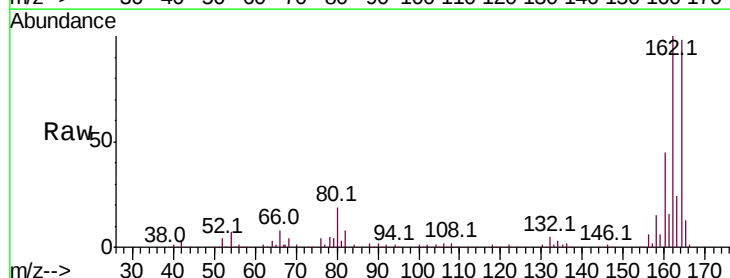
Tgt Ion: 164 Resp: 182088

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

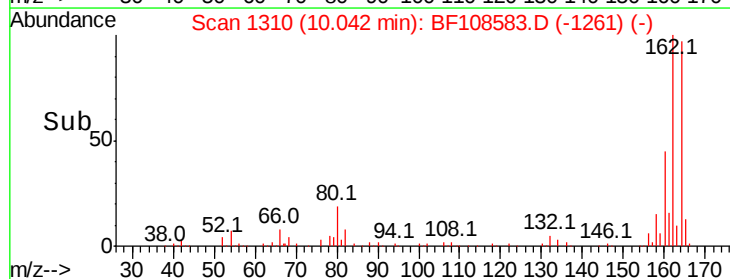
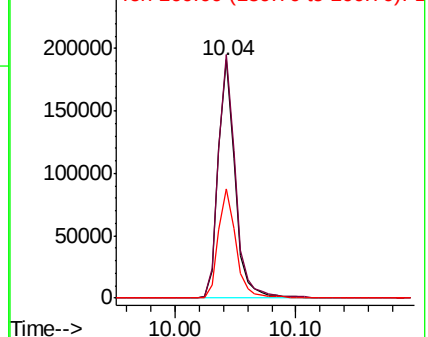
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

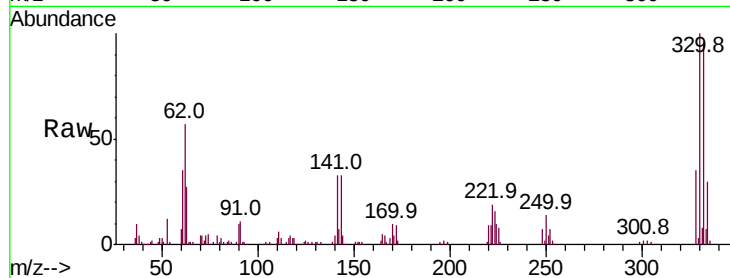




#41
 2,4,6-Tribromophenol
 Concen: 86.613 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108583.D
 Acq: 29 Aug 2018 4:16

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.4	29.9	44.9

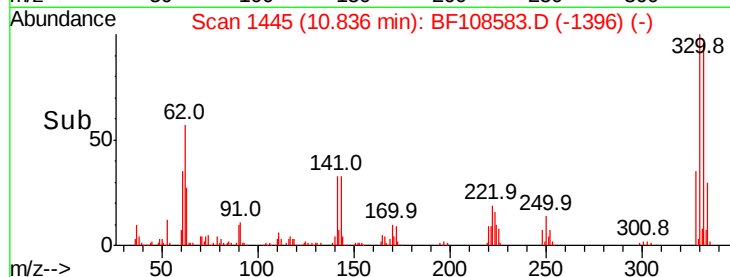
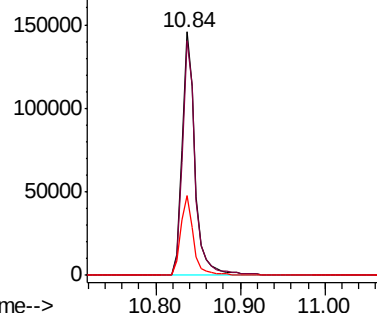


Abundance

Ion 329.80 (329.50 to 330.50): E

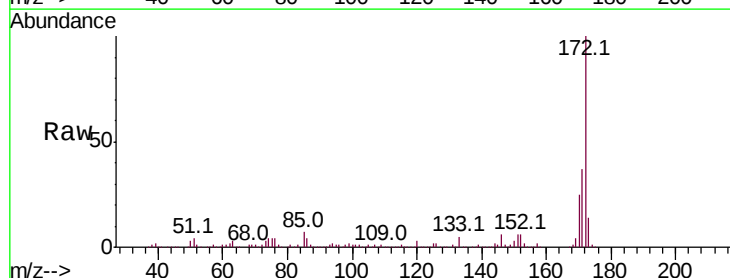
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.433 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108583.D
 Acq: 29 Aug 2018 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4

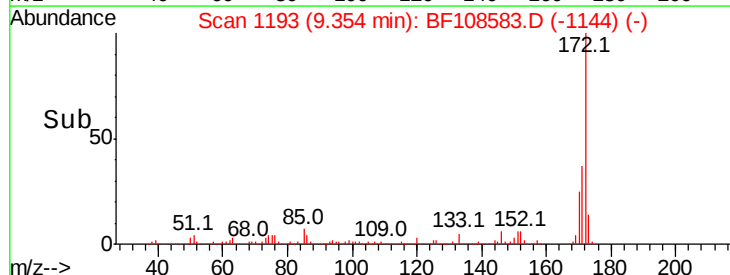
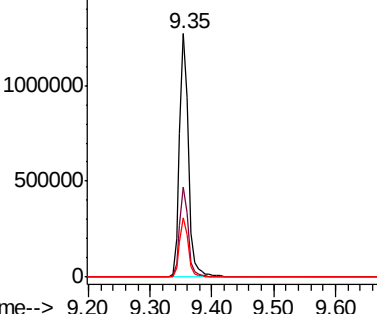


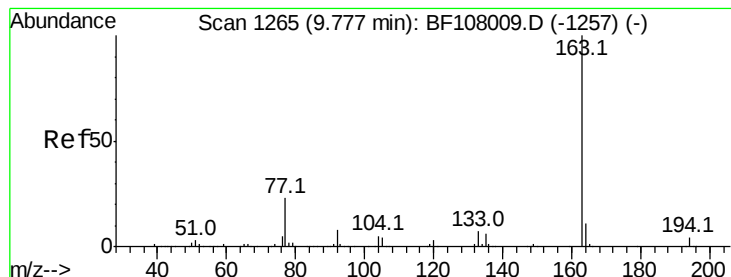
Abundance

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: 5.492 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108583.D

Acq: 29 Aug 2018 4:16

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-S

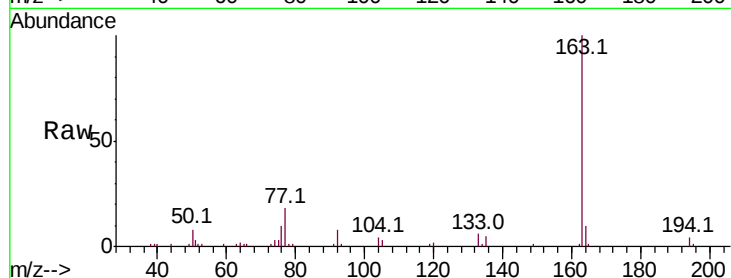
Tot Ion:163 Resp: 69655

Ion Ratio Lower Upper

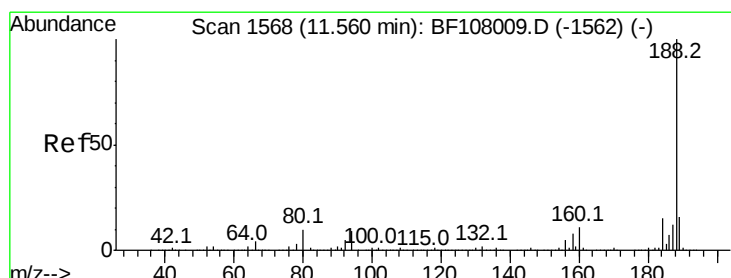
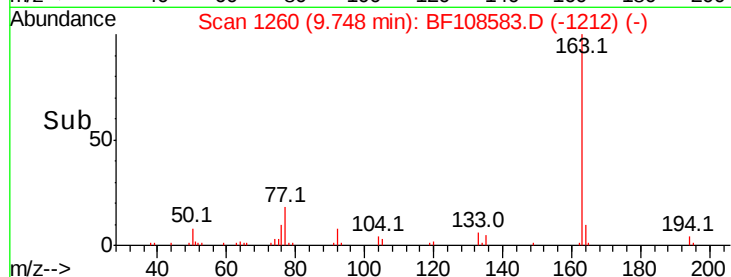
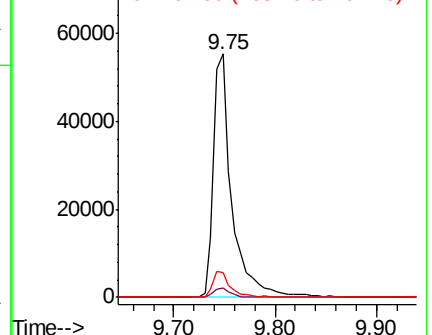
163 100

194 3.8 2.7 4.1

164 9.9 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: BF108583.D

Acq: 29 Aug 2018 4:16

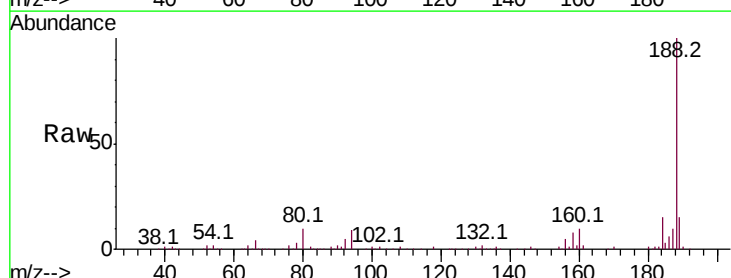
Tgt Ion:188 Resp: 305265

Ion Ratio Lower Upper

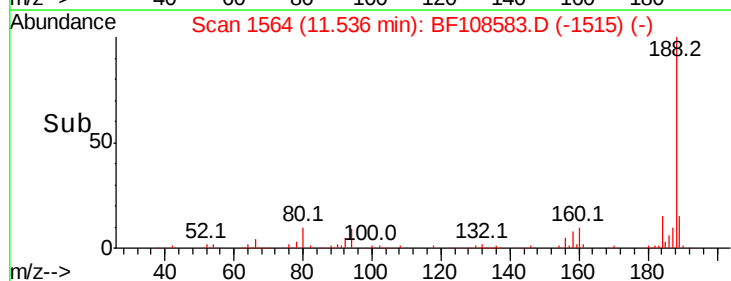
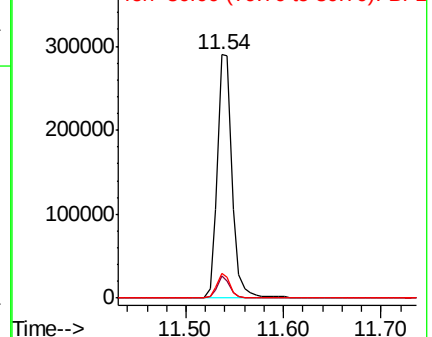
188 100

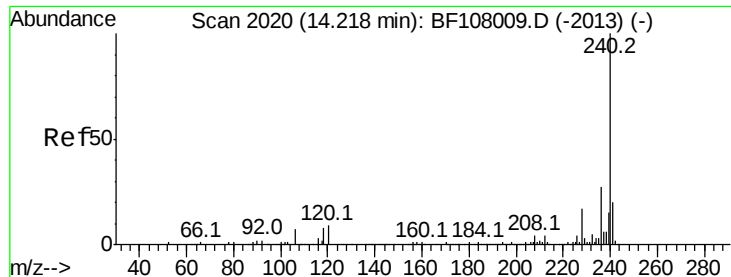
94 9.1 8.5 12.7

80 10.0 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# 2015

Delta R.T. -0.01 min

Lab File: BF108583.D

Acq: 29 Aug 2018 4:16

Instrument :

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ClientSampleId :

082418-SIDI-F-U-S

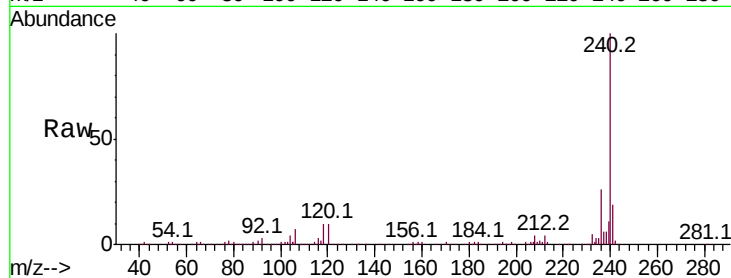
Tot Ion:240 Resp: 280006

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

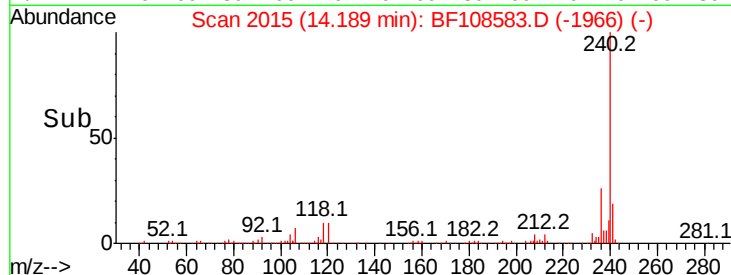
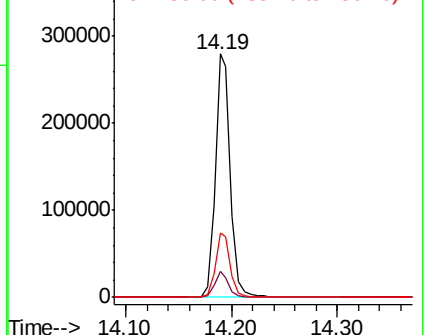
236 26.4 20.7 31.1



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: 93.611 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108583.D

Acq: 29 Aug 2018 4:16

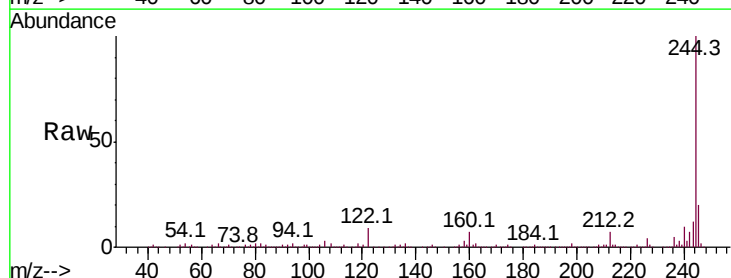
Tgt Ion:244 Resp: 1030910

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

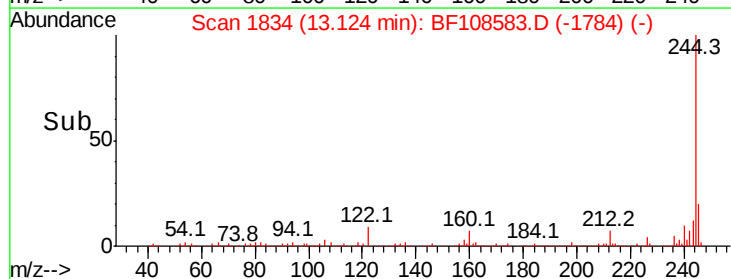
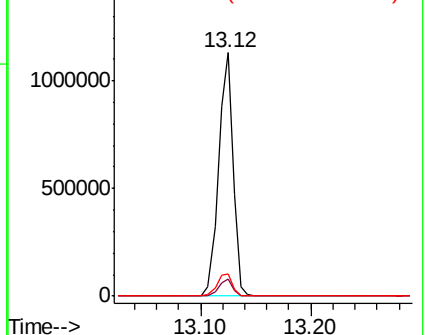
122 9.1 11.0 16.4#

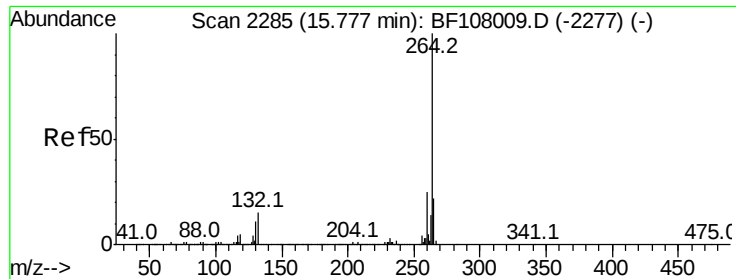


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108583.D
Acq: 29 Aug 2018 4:16

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.4	17.5	26.3

