

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098848.D
 Acq On : 26 Sep 2017 22:41
 Operator : SJ/JU
 Sample : I5427-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092217-SIDI-F-U-B

Quant Time: Sep 27 02:39:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	137774	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	580665	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	262827	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	425913	20.00	ng	0.00
75) Chrysene-d12	14.07	240	284136	20.00	ng	-0.01
86) Perylene-d12	15.57	264	264763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	415022	47.95	ng	-0.01
7) Phenol-d6	6.53	99	347816	32.58	ng	-0.02
23) Nitrobenzene-d5	7.47	82	906517	100.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	192802	89.65	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1589982	100.99	ng	0.00
78) Terphenyl-d14	13.02	244	1161121	92.94	ng	-0.01

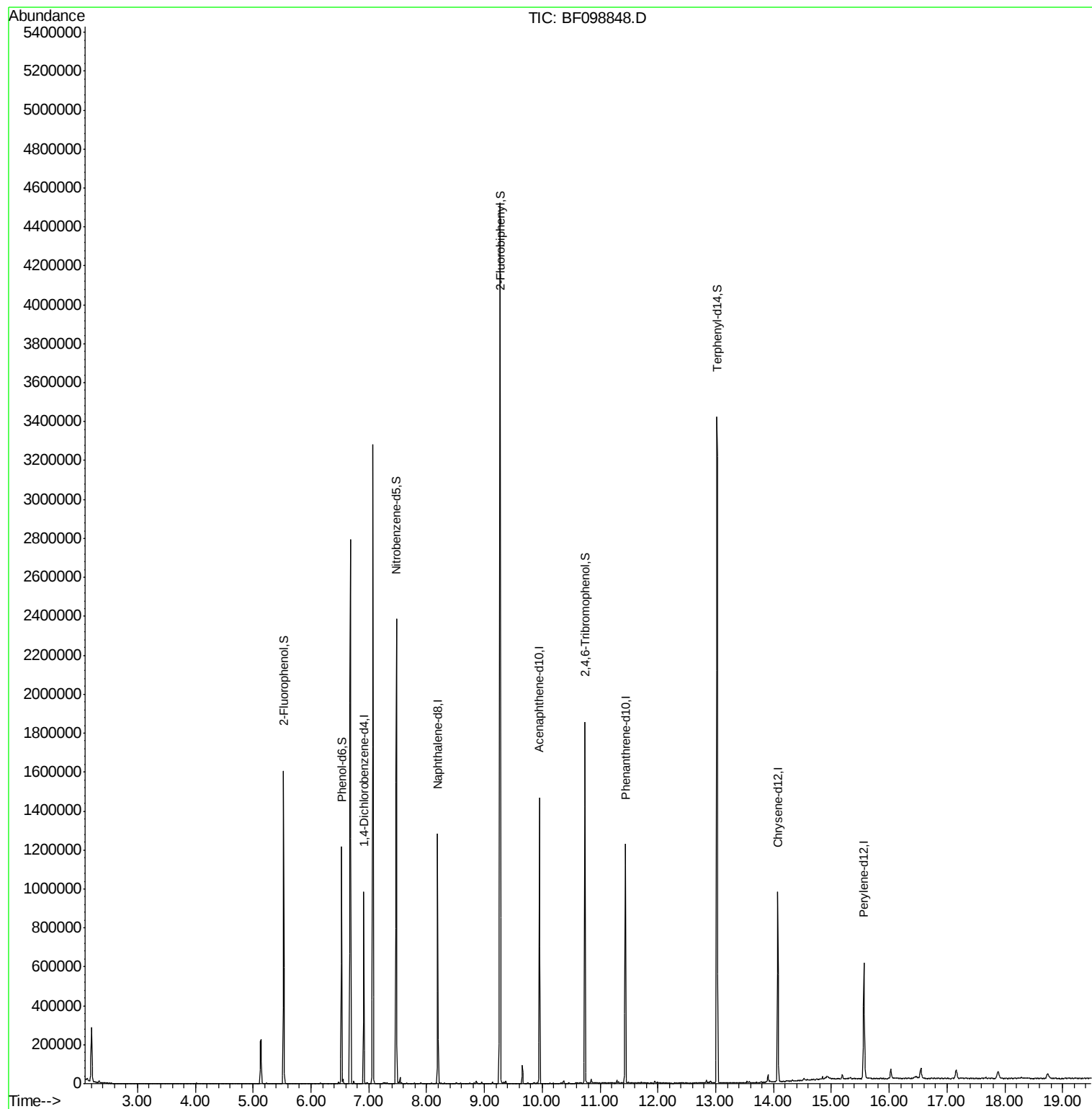
Target Compounds Qvalue

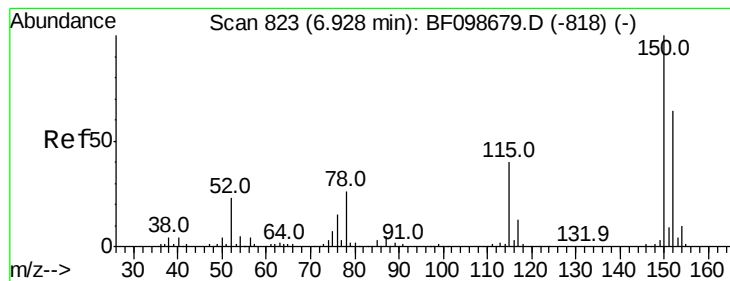
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

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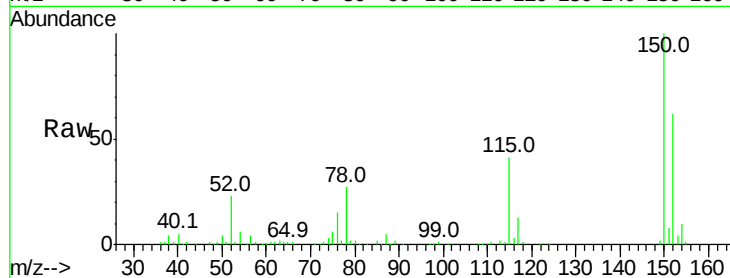
Tot Ion:152 Resp: 137774

Ion Ratio Lower Upper

152 100

150 160.6 124.6 186.8

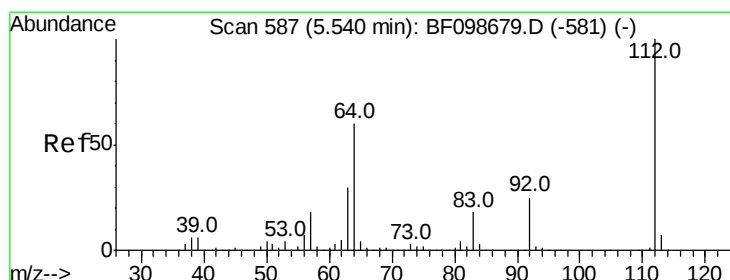
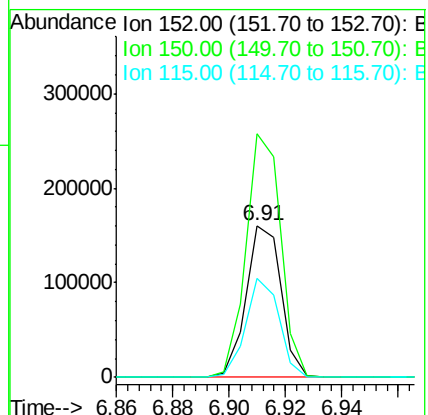
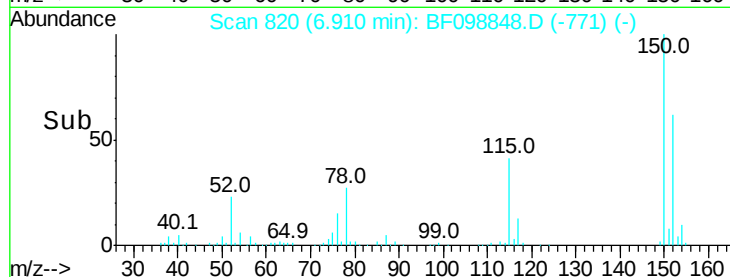
115 65.7 50.1 75.1



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: 47.953 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

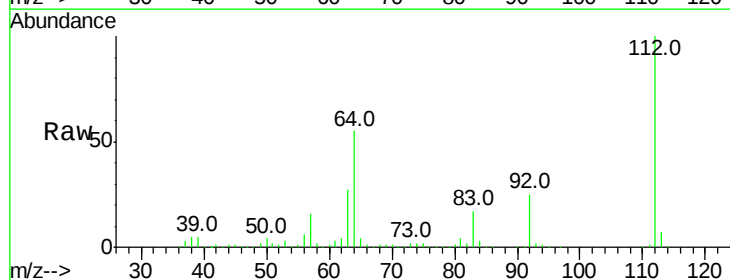
Tgt Ion:112 Resp: 415022

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

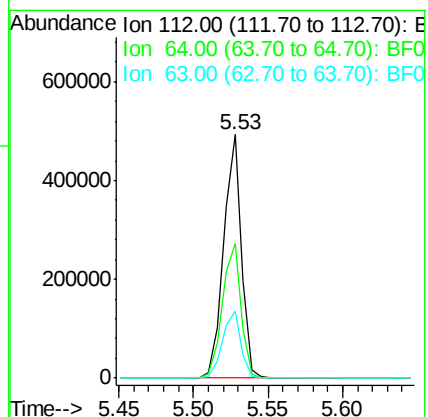
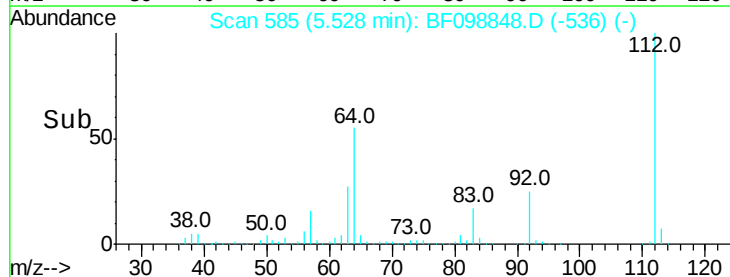
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.578 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

Instrument :

BNA_F

ClientSampleId :

092217-SIDI-F-U-B

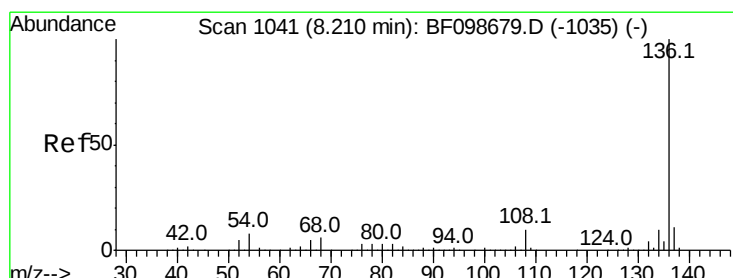
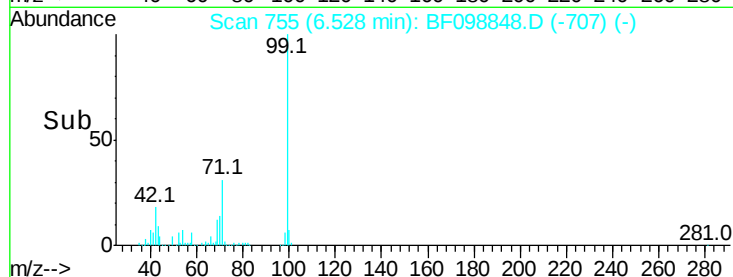
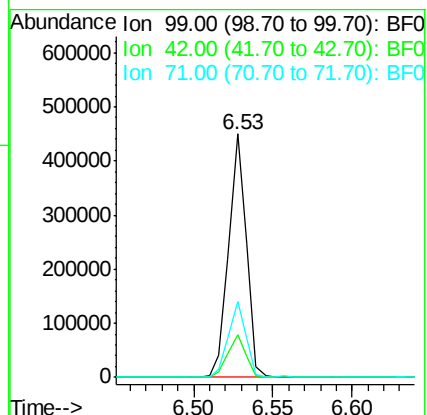
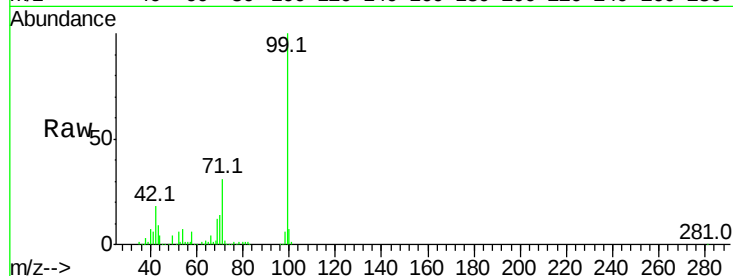
Tot Ion: 99 Resp: 347816

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 31.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

Tgt Ion: 136 Resp: 580665

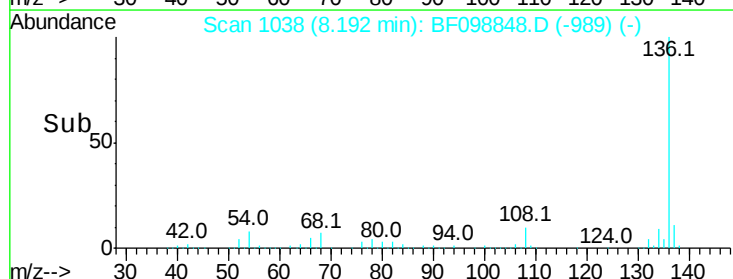
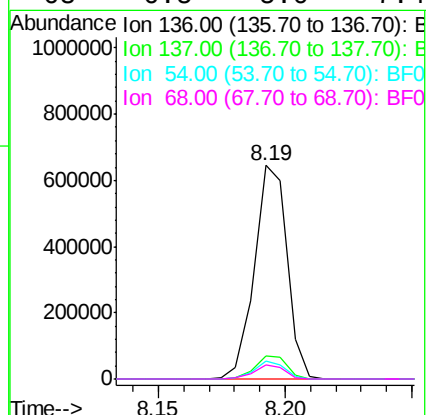
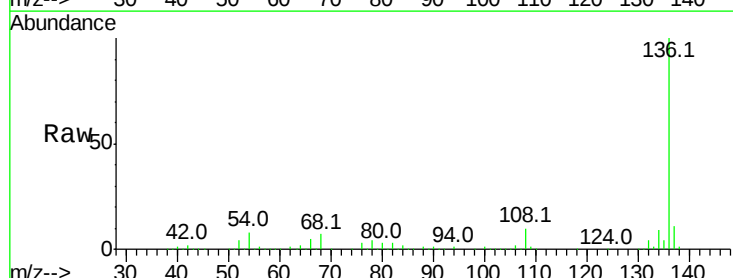
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.118 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

Instrument :

BNA_F

ClientSampleId :

092217-SIDI-F-U-B

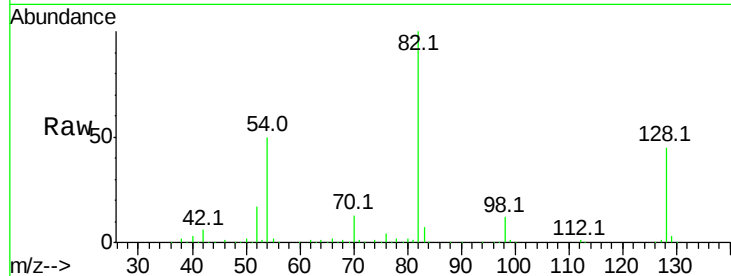
Tot Ion: 82 Resp: 906517

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

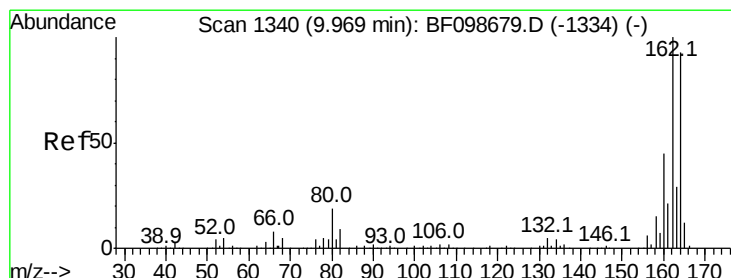
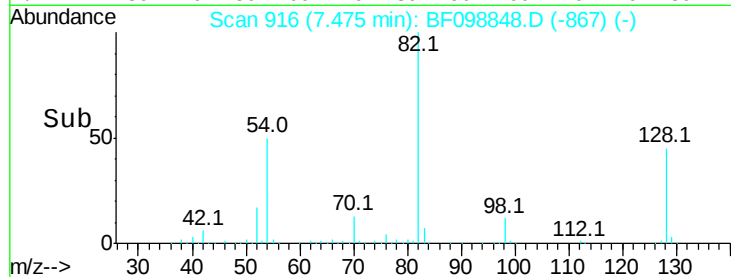
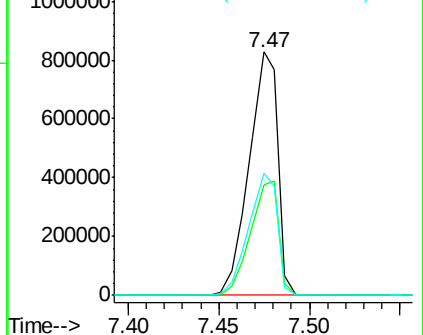
54 50.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

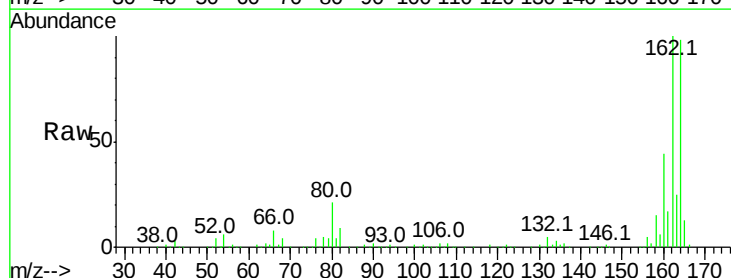
Tgt Ion: 164 Resp: 262827

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

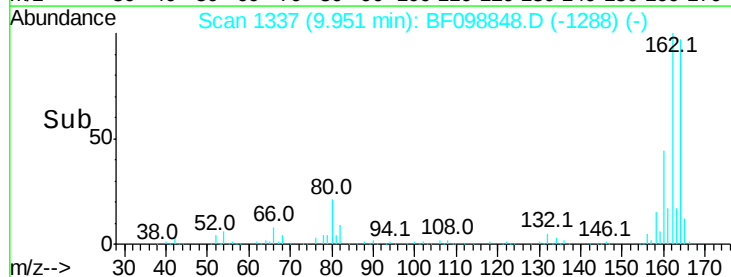
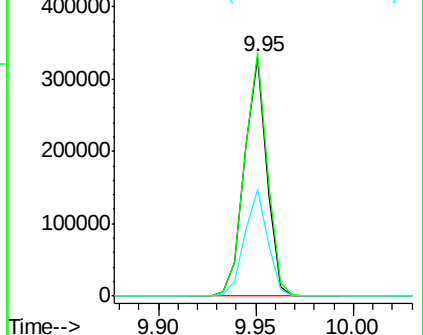
160 44.7 38.3 57.5

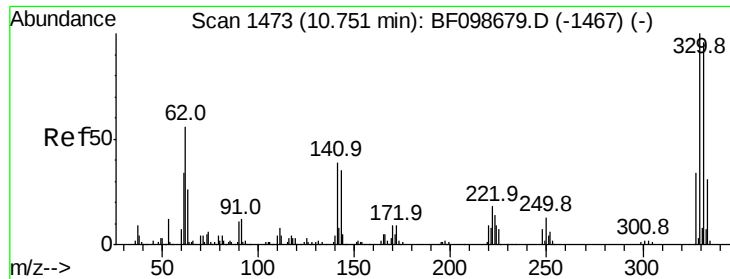


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

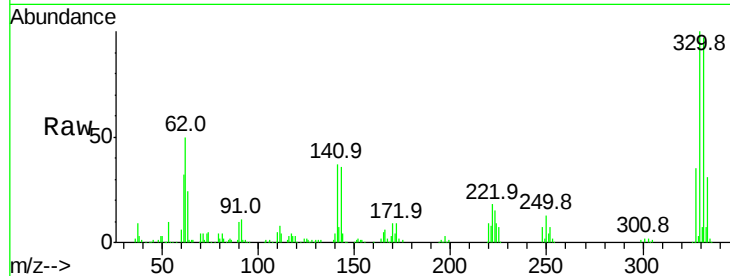




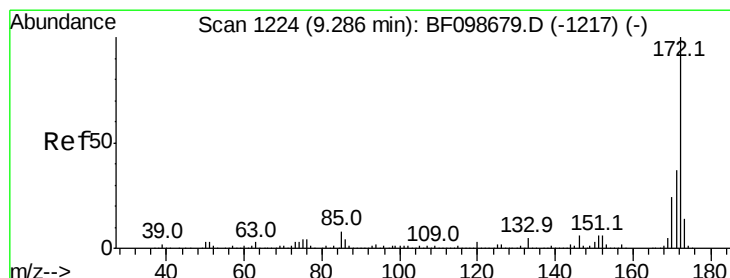
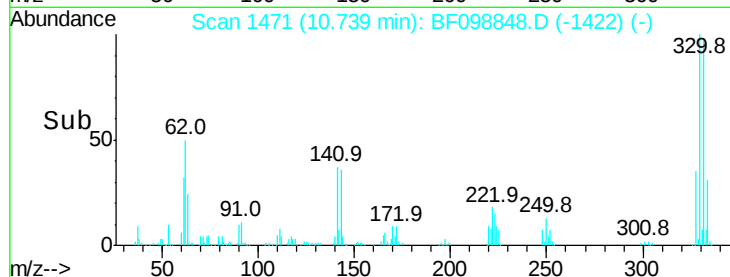
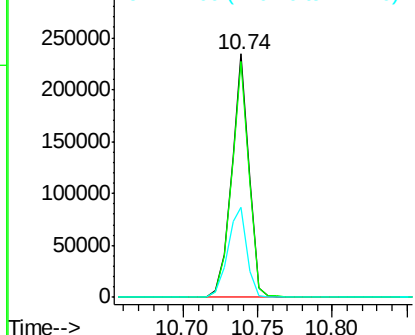
#41
 2,4,6-Tribromophenol
 Concen: 89.649 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098848.D
 Acq: 26 Sep 2017 22:41

Instrument :
 BNA_F
 ClientSampleId :
 092217-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	40.8	29.9	44.9

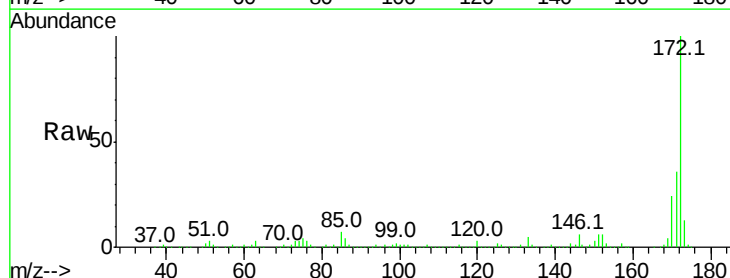


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

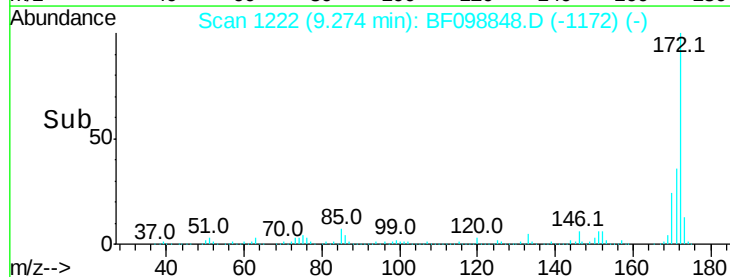
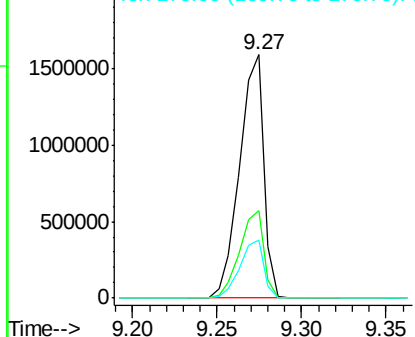


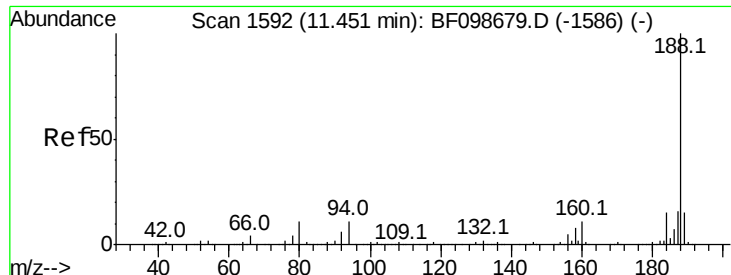
#44
 2-Fluorobiphenyl
 Concen: 100.992 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098848.D
 Acq: 26 Sep 2017 22:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

Instrument :

BNA_F

ClientSampleId :

092217-SIDI-F-U-B

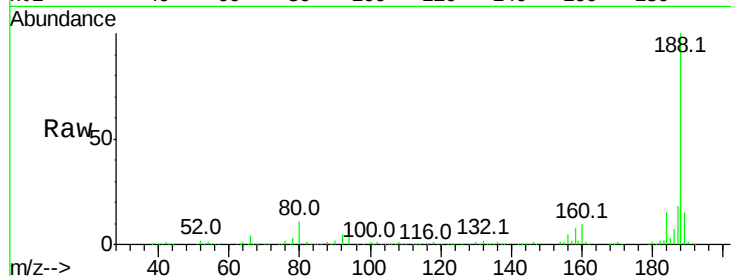
Tot Ion:188 Resp: 425913

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

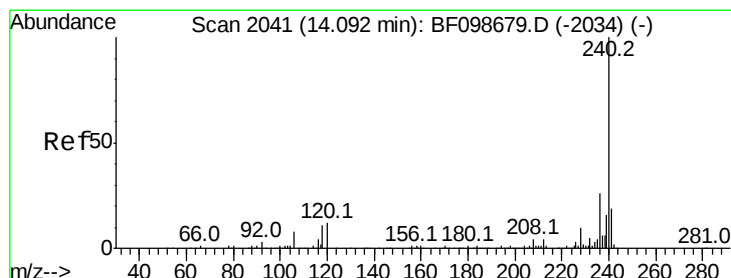
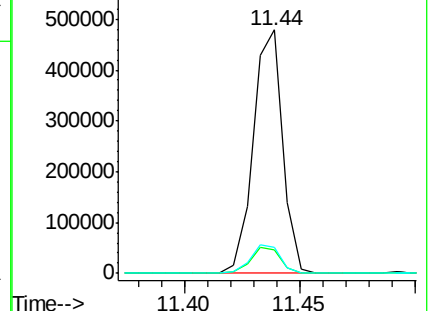
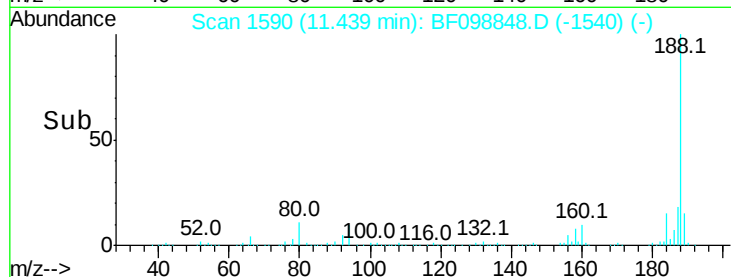
80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

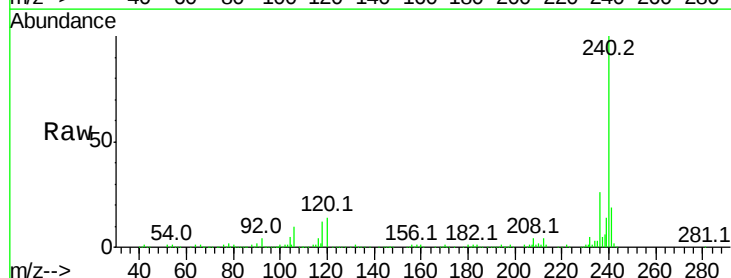
Tgt Ion:240 Resp: 284136

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

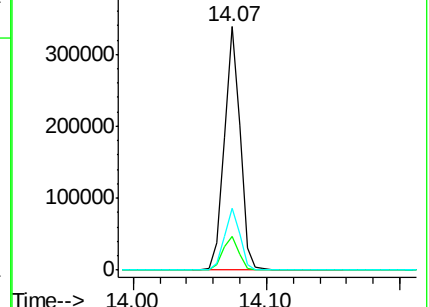
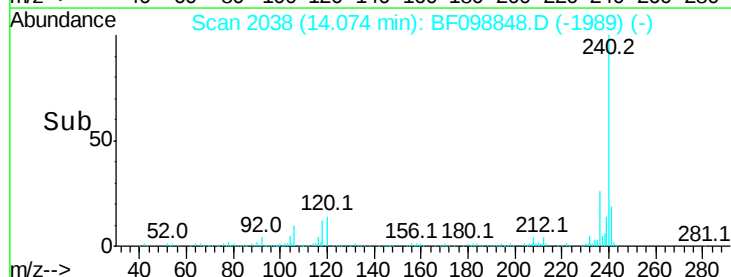
236 25.6 20.7 31.1

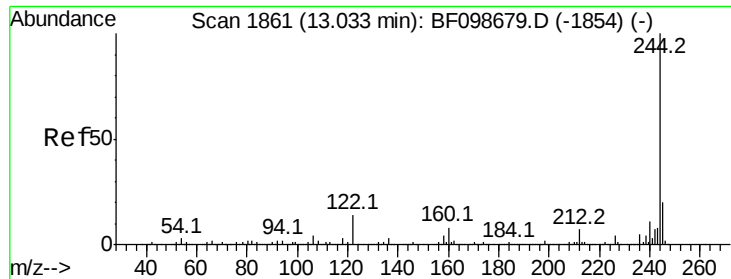


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.935 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

Instrument :

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ClientSampleId :

092217-SIDI-F-U-B

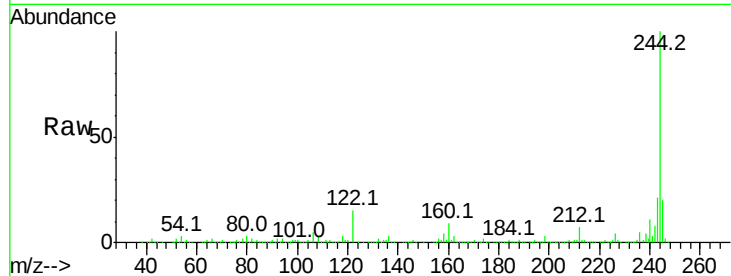
Tot Ion:244 Resp: 1161121

Ion Ratio Lower Upper

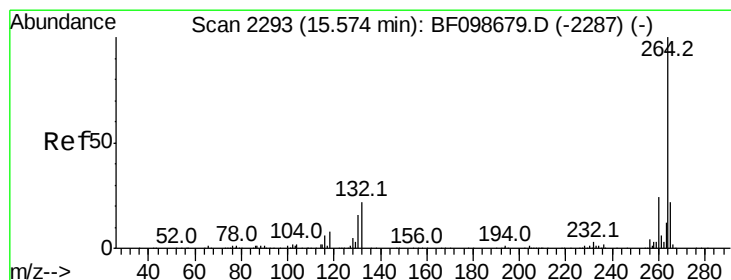
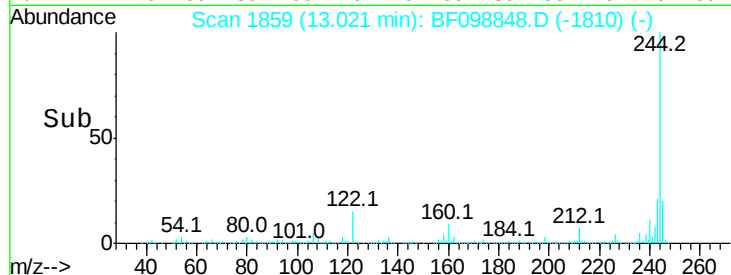
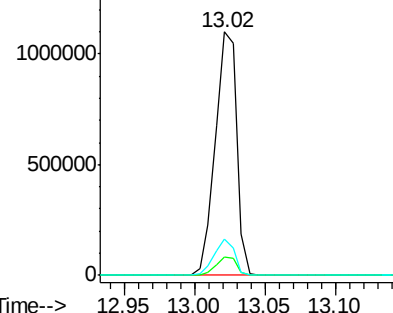
244 100

212 7.3 5.4 8.0

122 14.8 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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098848.D

Acq: 26 Sep 2017 22:41

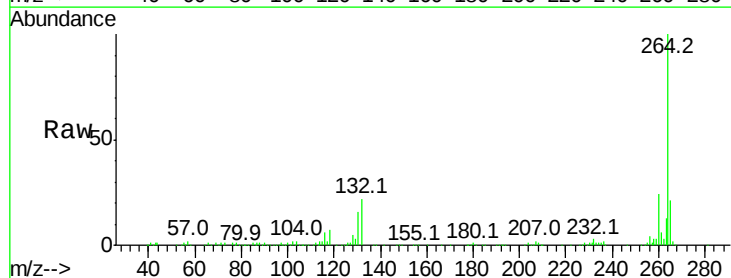
Tgt Ion:264 Resp: 264763

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

