

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109032.D
 Acq On : 15 Sep 2018 8:40
 Operator : JU/SJ
 Sample : J4901-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-U-M

Quant Time: Sep 17 03:28:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

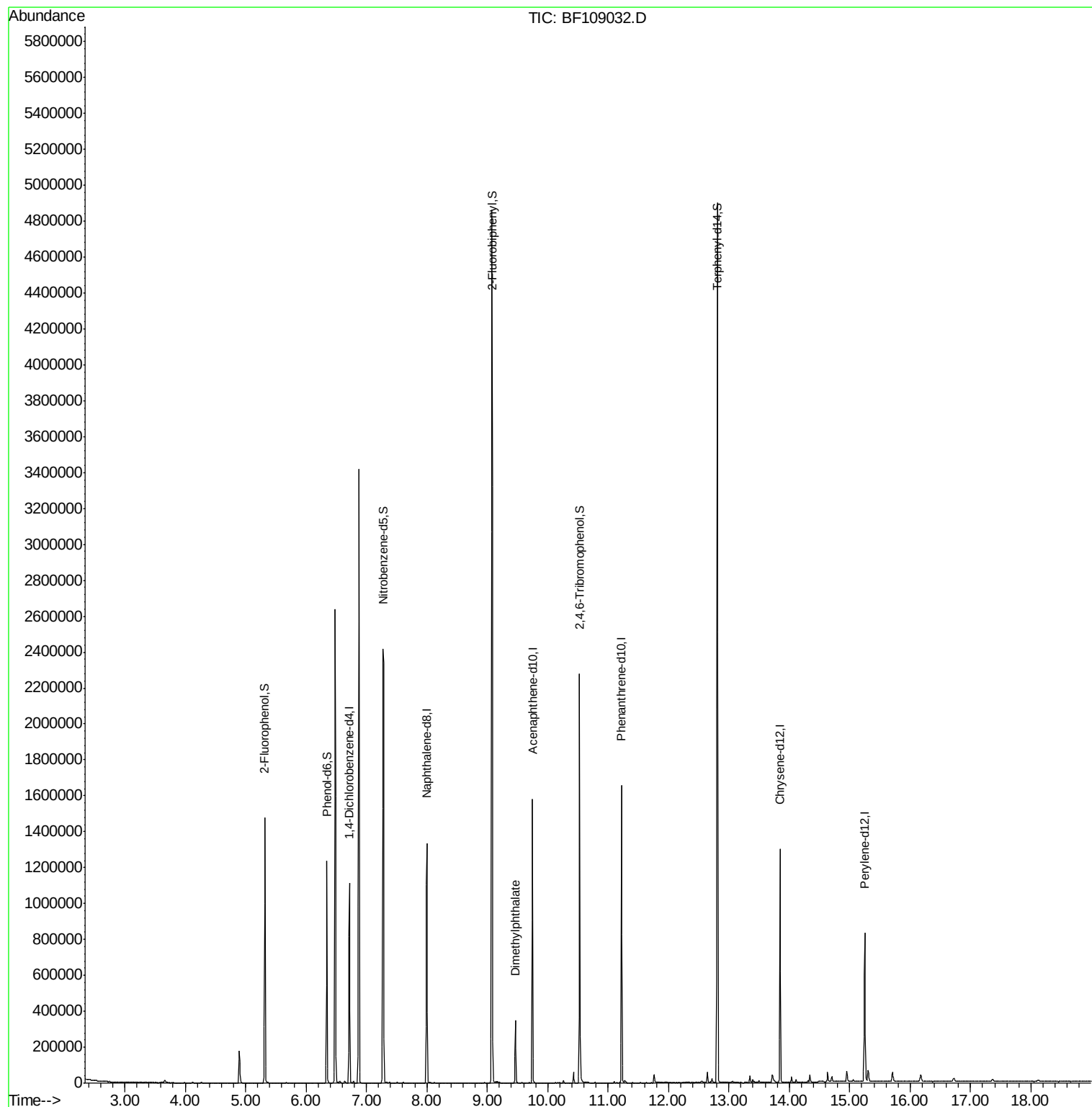
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152945	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	579623	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276370	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	551940	20.00	ng	0.00
75) Chrysene-d12	13.85	240	412198	20.00	ng	-0.01
86) Perylene-d12	15.25	264	373950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	386062	41.92	ng	0.00
7) Phenol-d6	6.34	99	348689	29.37	ng	-0.02
23) Nitrobenzene-d5	7.28	82	936424	90.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	279238	93.10	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1579256	89.53	ng	0.00
78) Terphenyl-d14	12.81	244	1805089	103.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	124443	6.300	ng	Qvalue 99

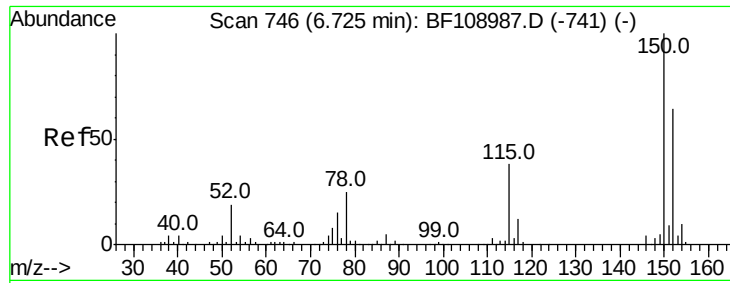
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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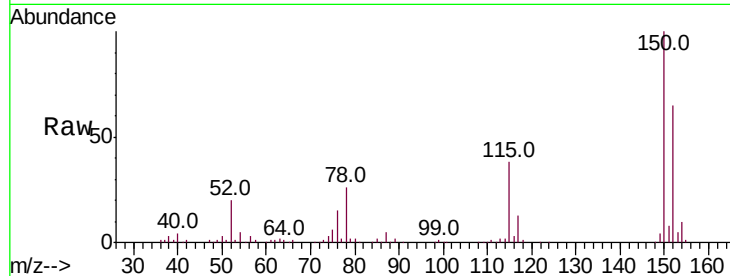


#1

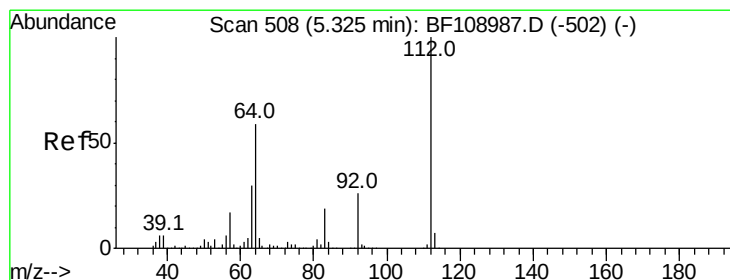
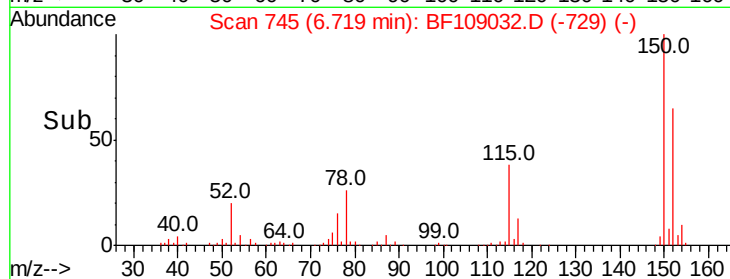
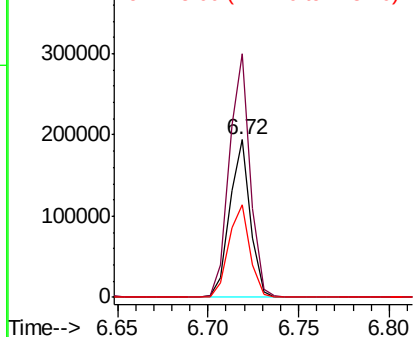
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109032.D
Acq: 15 Sep 2018 8:40

Instrument :
BNA_F
ClientSampleId :
091218-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.5	50.1	75.1



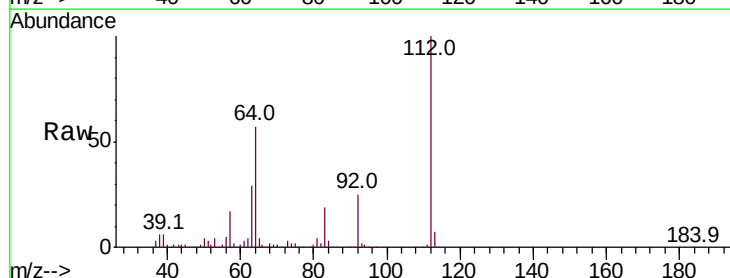
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



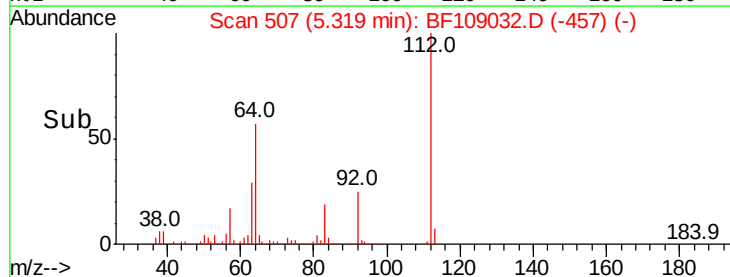
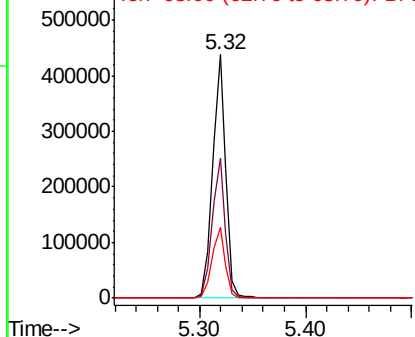
#5

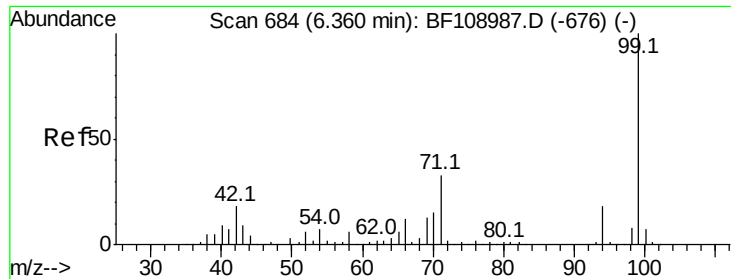
2-Fluorophenol
Concen: 41.924 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109032.D
Acq: 15 Sep 2018 8:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.1	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: 29.365 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-M

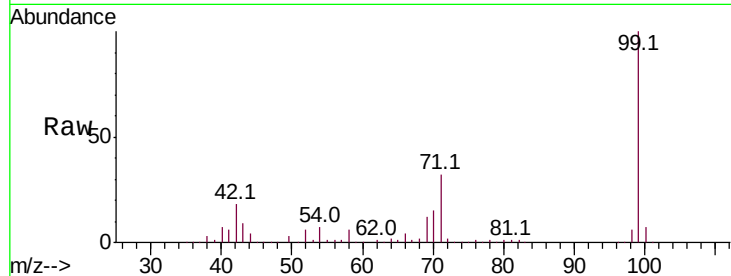
Tot Ion: 99 Resp: 348689

Ion Ratio Lower Upper

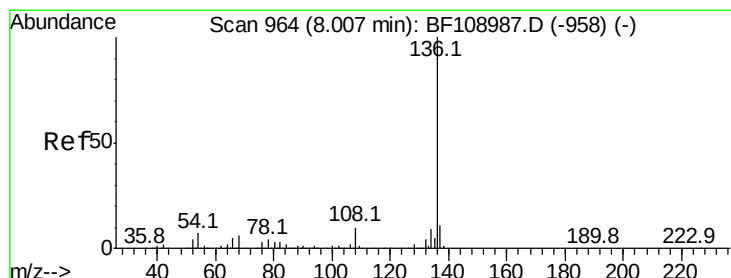
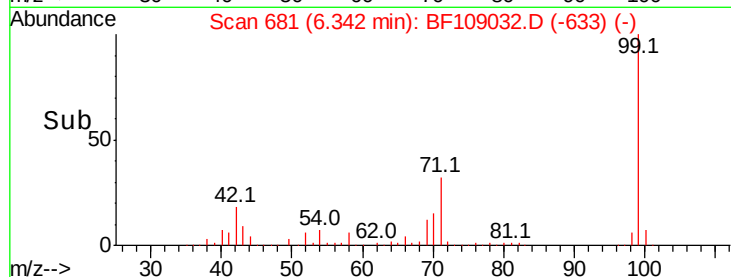
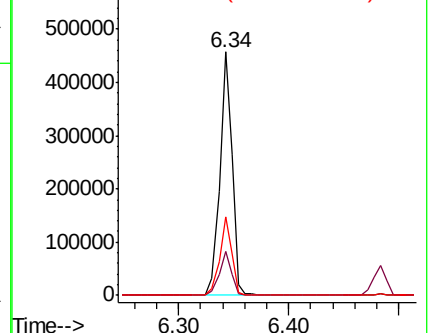
99 100

42 17.9 14.5 21.7

71 32.2 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

Tgt Ion: 136 Resp: 579623

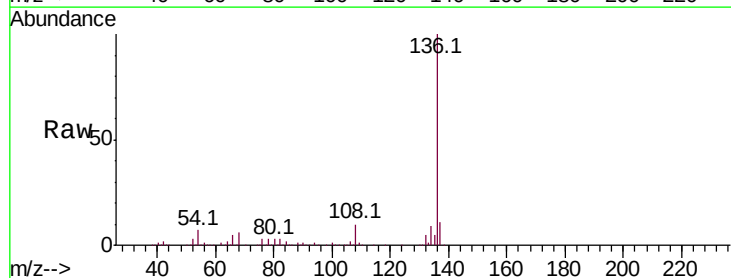
Ion Ratio Lower Upper

136 100

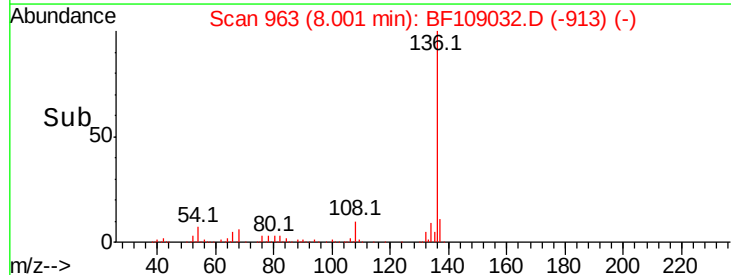
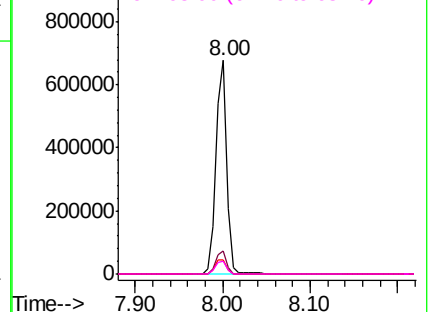
137 10.8 8.9 13.3

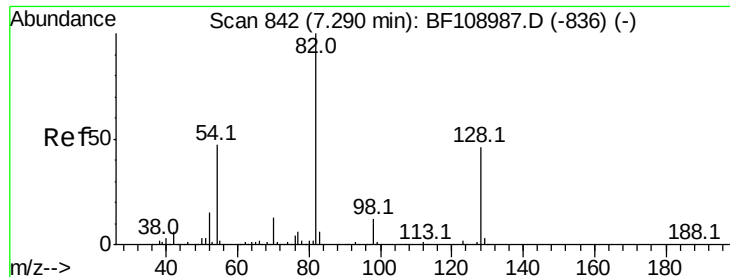
54 6.9 6.6 9.8

68 6.1 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: 90.615 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-M

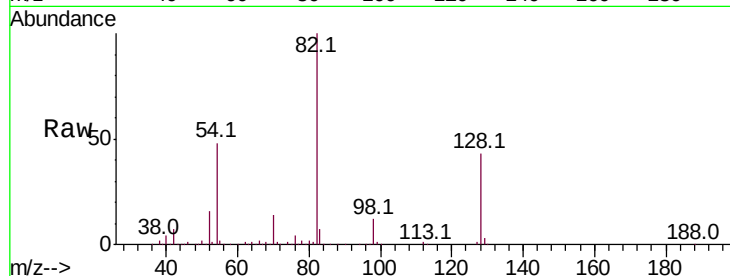
Tot Ion: 82 Resp: 936424

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

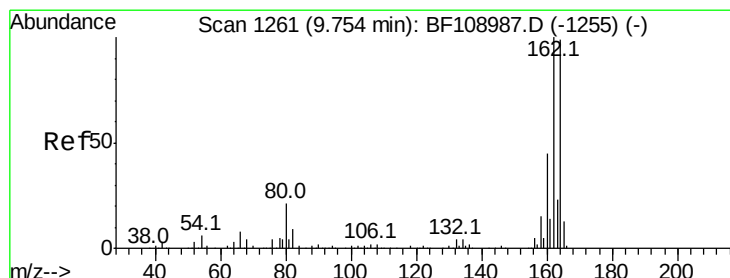
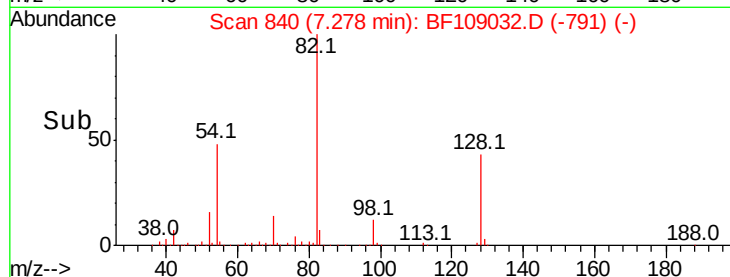
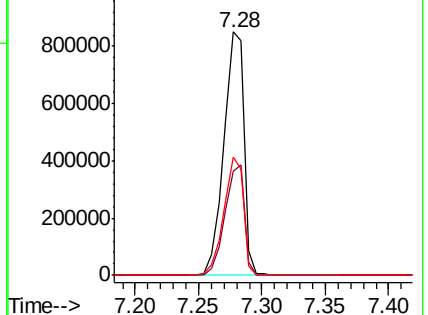
54 48.4 41.4 62.2



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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

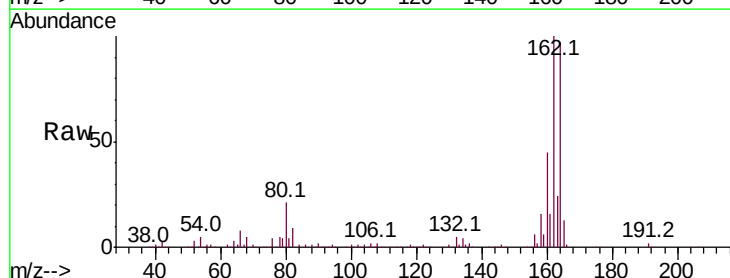
Tgt Ion: 164 Resp: 276370

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

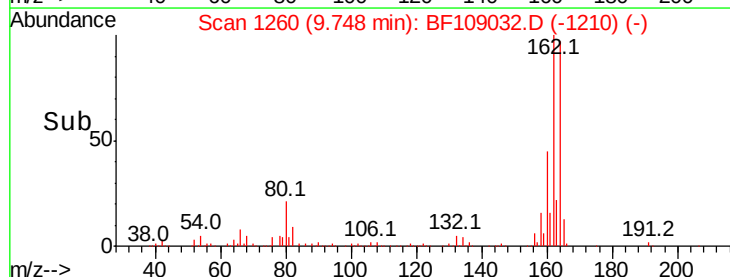
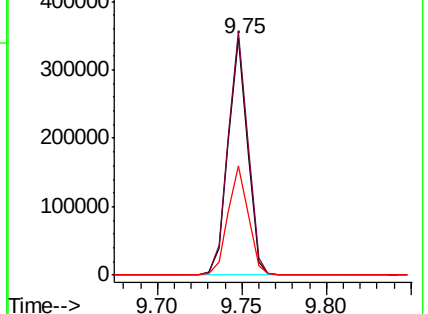
160 46.2 38.3 57.5

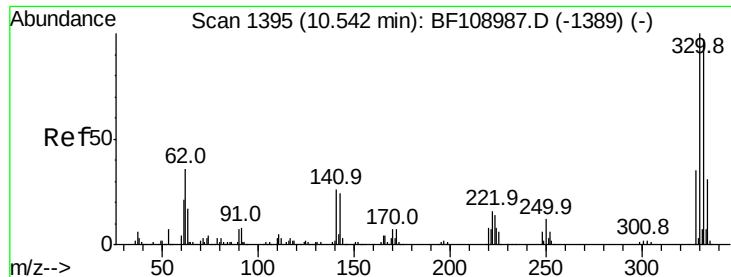


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

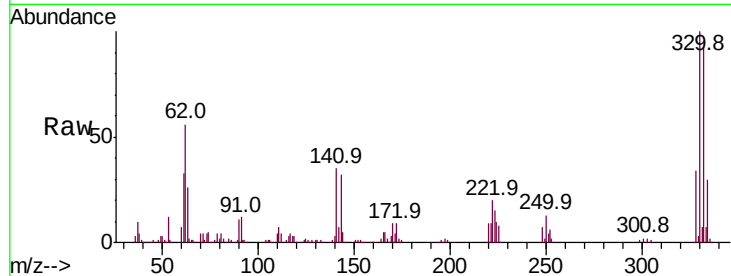




#41
 2,4,6-Tribromophenol
 Concen: 93.099 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109032.D
 Acq: 15 Sep 2018 8:40

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.4	29.9	44.9

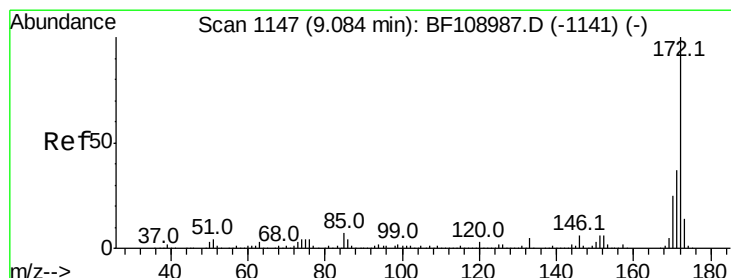
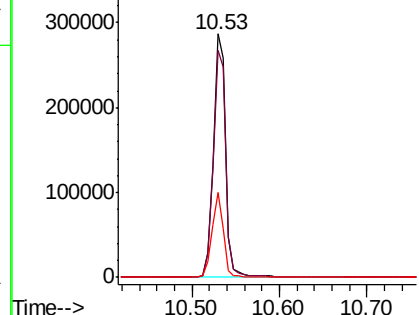
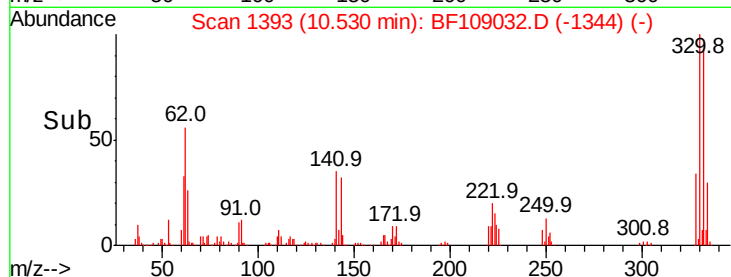


Abundance

Ion 329.80 (329.50 to 330.50): E

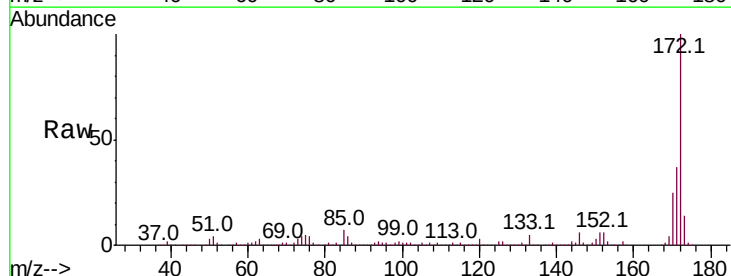
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.527 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109032.D
 Acq: 15 Sep 2018 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	19.6	29.4

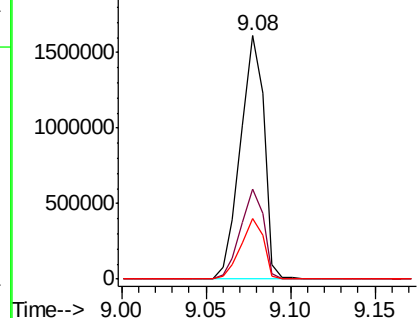
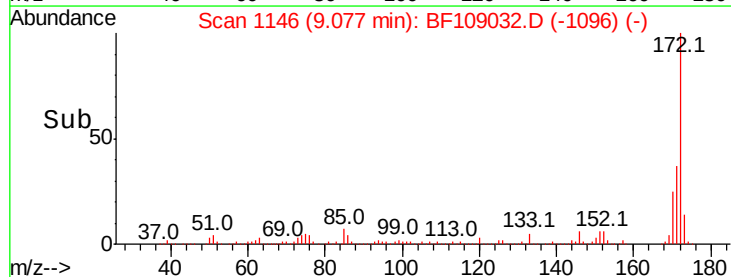


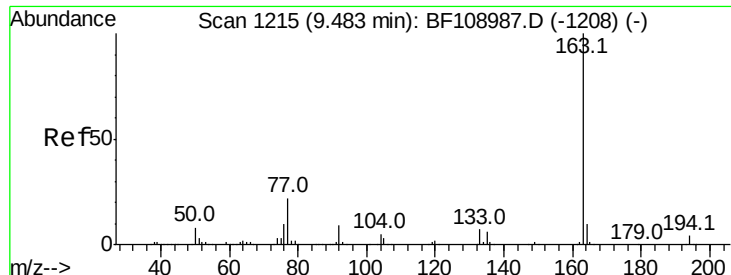
Abundance

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: 6.300 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-M

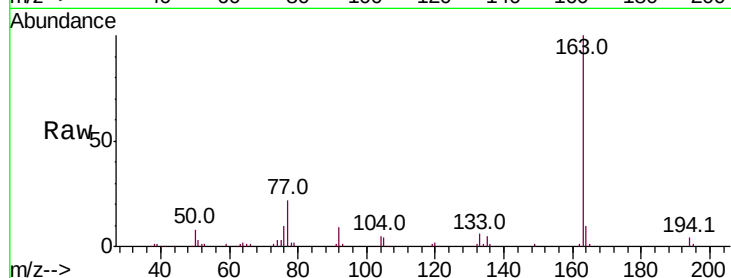
Tot Ion:163 Resp: 124443

Ion Ratio Lower Upper

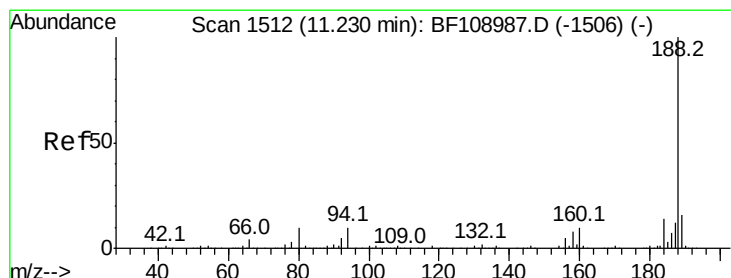
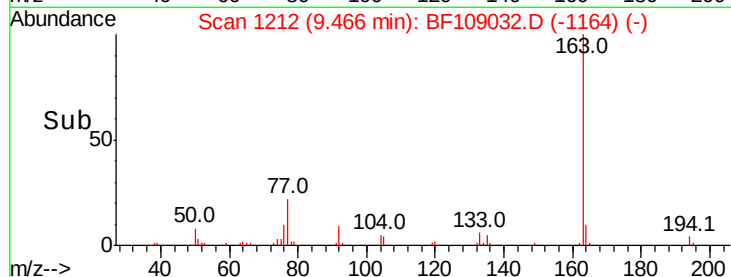
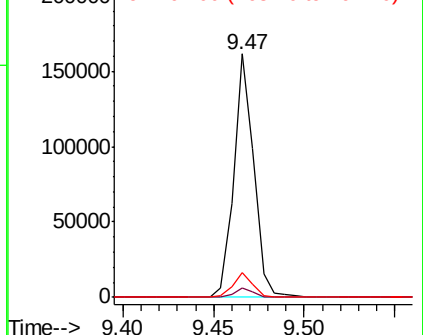
163 100

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: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

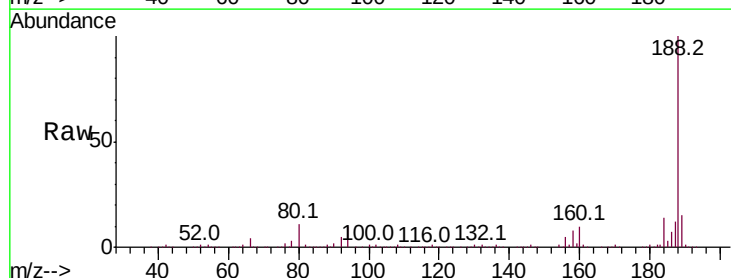
Tgt Ion:188 Resp: 551940

Ion Ratio Lower Upper

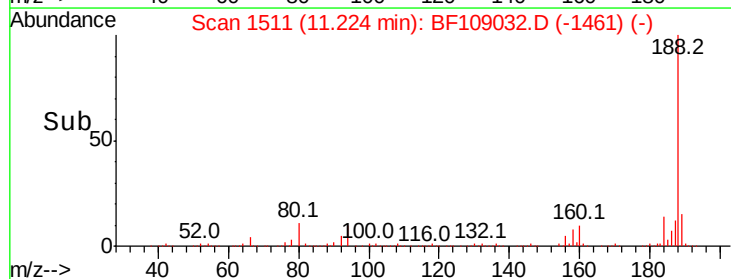
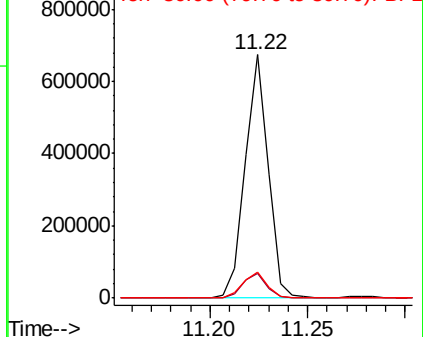
188 100

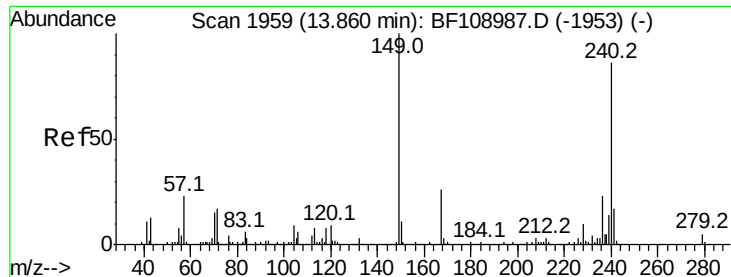
94 10.0 8.5 12.7

80 10.6 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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-M

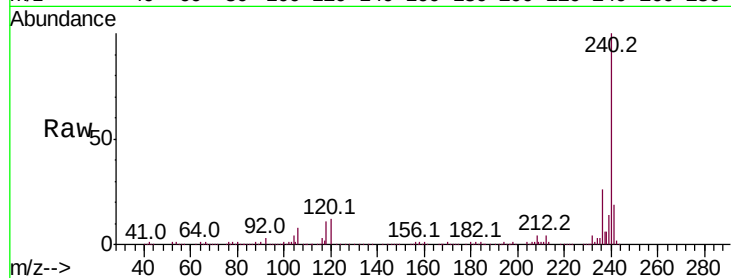
Tot Ion:240 Resp: 412198

Ion Ratio Lower Upper

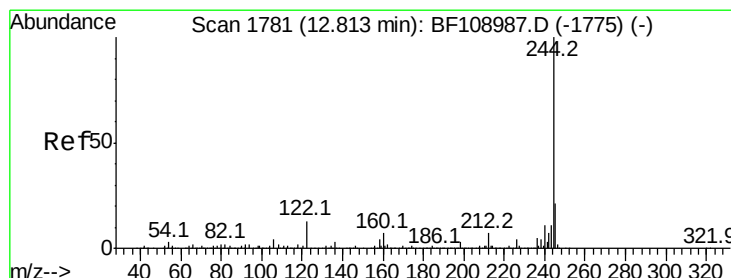
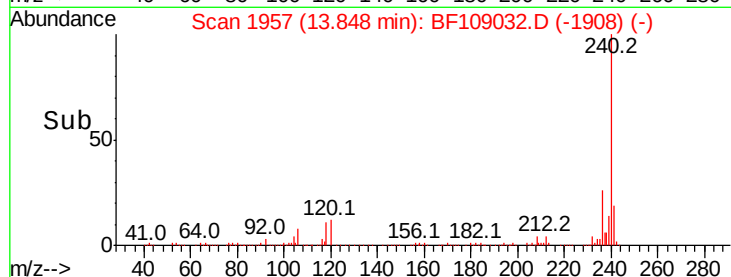
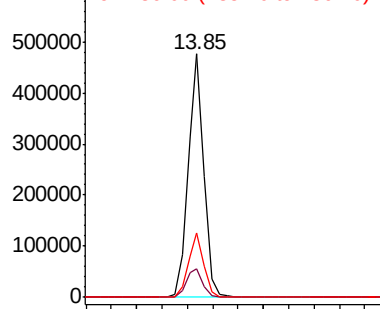
240 100

120 11.7 9.5 14.3

236 26.2 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: 103.798 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109032.D

Acq: 15 Sep 2018 8:40

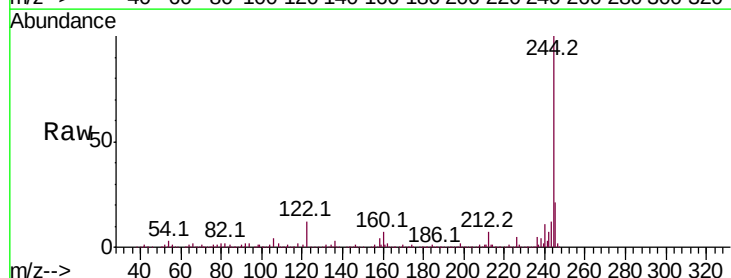
Tgt Ion:244 Resp: 1805089

Ion Ratio Lower Upper

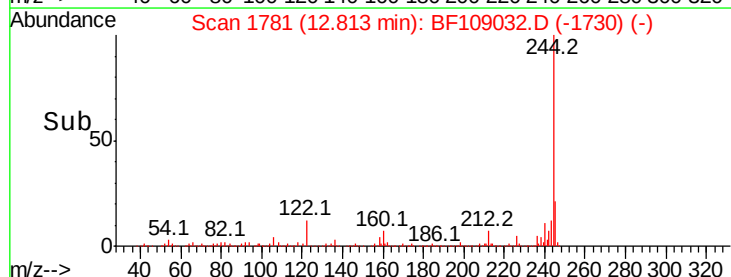
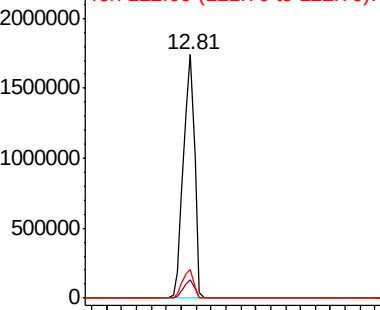
244 100

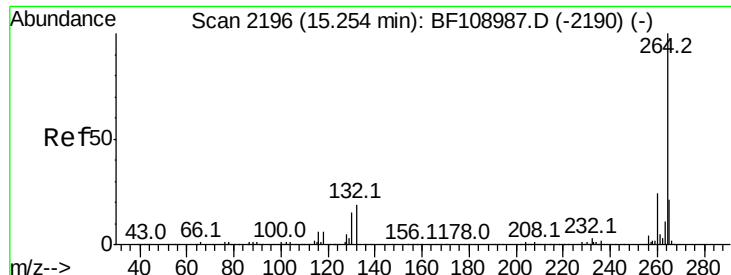
212 7.3 5.4 8.0

122 11.9 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: 15.25 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF109032.D
 Acq: 15 Sep 2018 8:40

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3

