

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109031.D
 Acq On : 15 Sep 2018 8:12
 Operator : JU/SJ
 Sample : J4901-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Sep 17 03:26:24 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

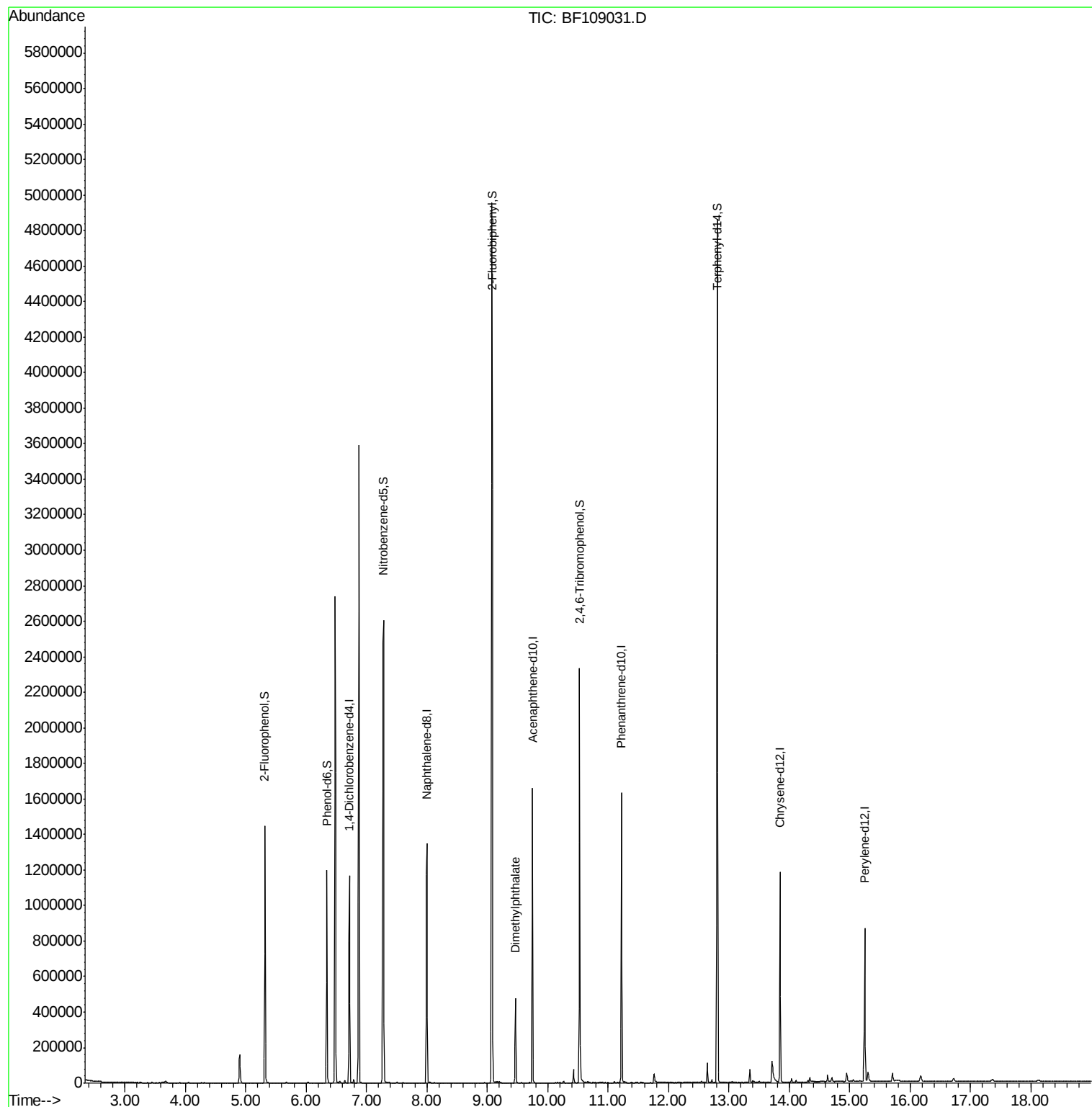
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157531	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	597923	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	286132	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	564188	20.00	ng	0.00
75) Chrysene-d12	13.85	240	393026	20.00	ng	-0.01
86) Perylene-d12	15.25	264	367305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	394471	41.59	ng	0.00
7) Phenol-d6	6.34	99	356138	29.12	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1014276	95.14	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	276169	88.93	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1658815	90.83	ng	0.00
78) Terphenyl-d14	12.81	244	1805225	108.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	176771	8.644	ng	Qvalue 100

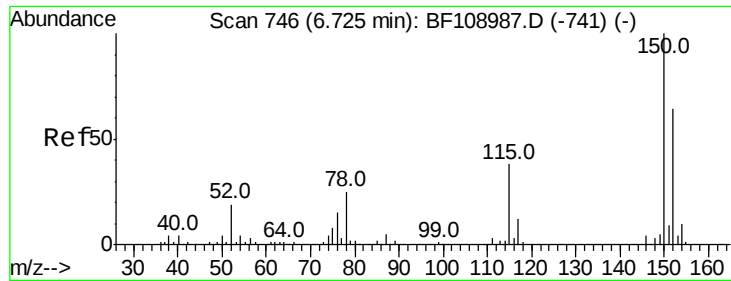
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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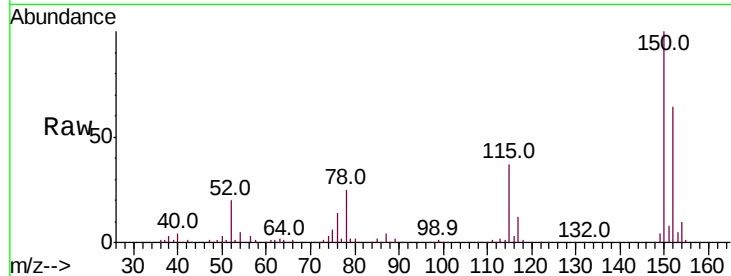


#1

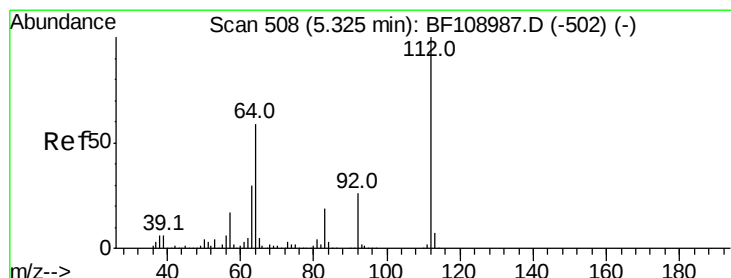
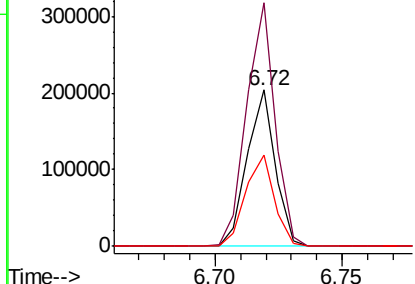
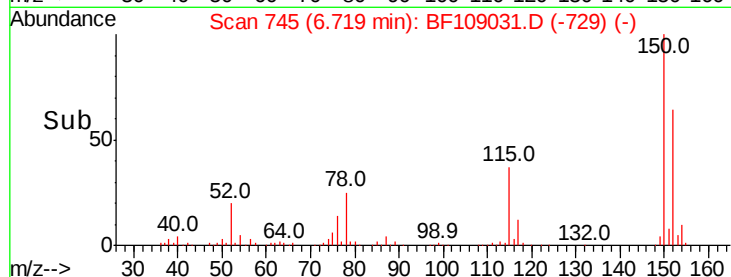
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

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

Tot Ion:152 Resp: 157531
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.3 50.1 75.1



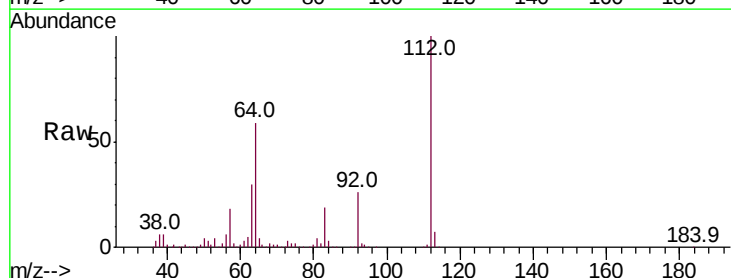
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



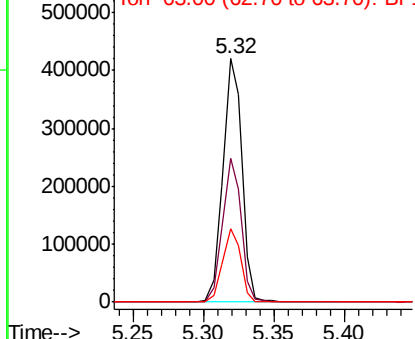
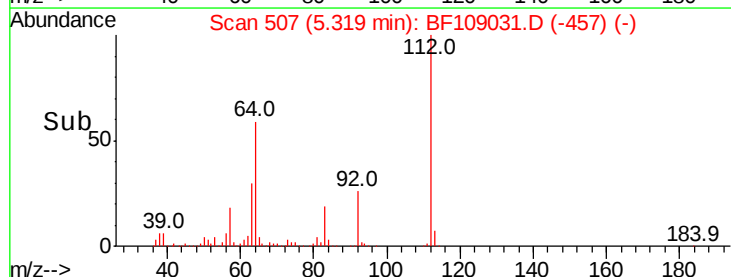
#5

2-Fluorophenol
Concen: 41.590 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

Tgt Ion:112 Resp: 394471
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.2 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: 29.120 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109031.D

Acq: 15 Sep 2018 8:12

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-B

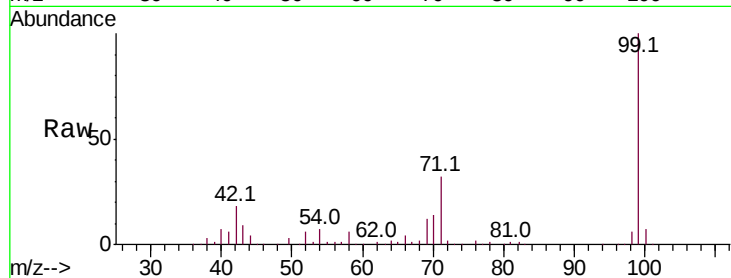
Tot Ion: 99 Resp: 356138

Ion Ratio Lower Upper

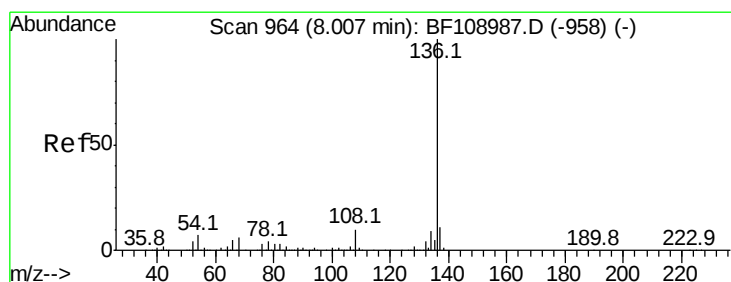
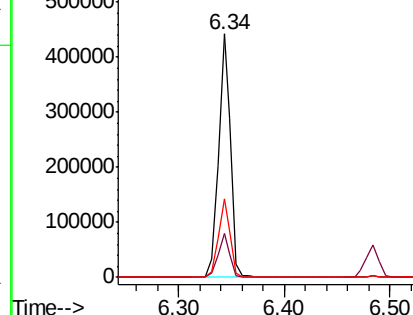
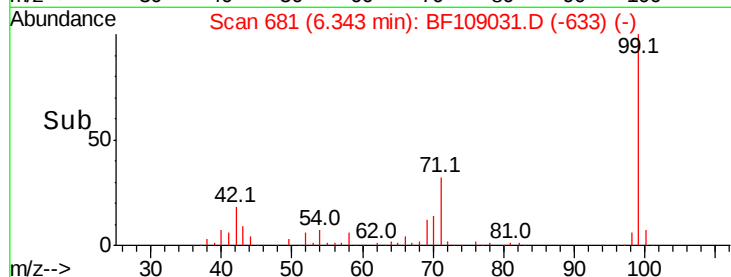
99 100

42 18.1 14.5 21.7

71 32.5 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109031.D

Acq: 15 Sep 2018 8:12

Tgt Ion: 136 Resp: 597923

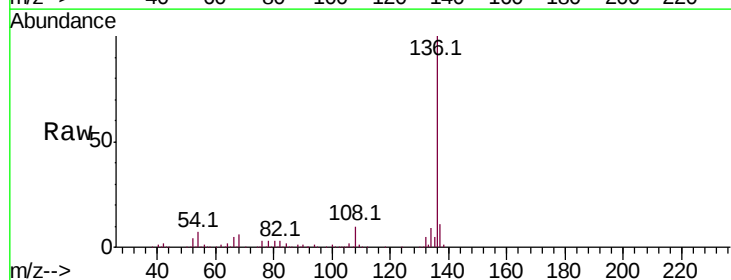
Ion Ratio Lower Upper

136 100

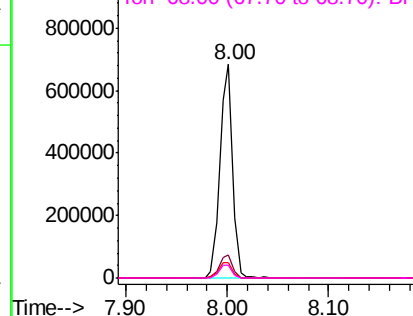
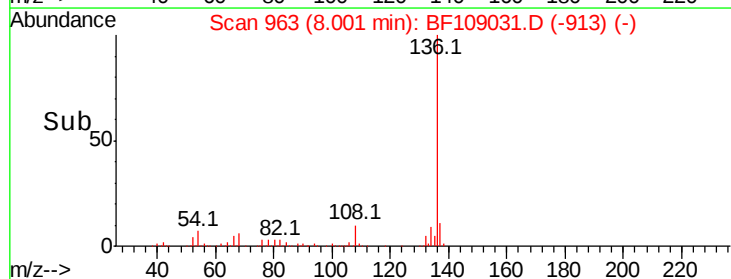
137 10.7 8.9 13.3

54 7.0 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

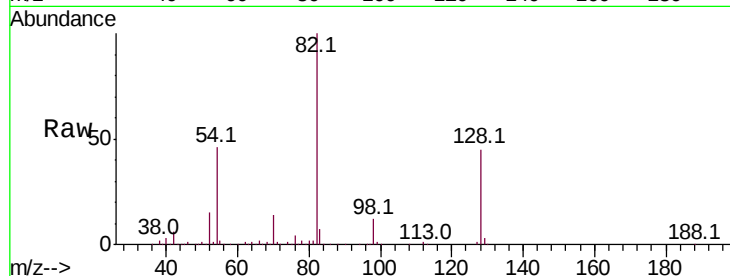




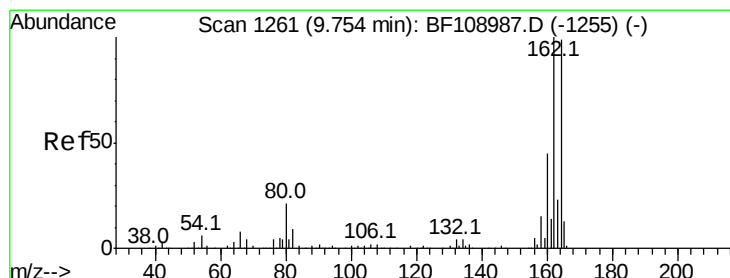
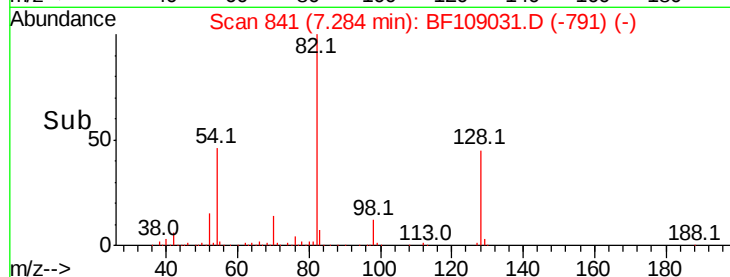
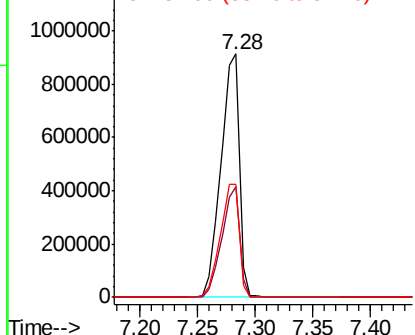
#23
Nitrobenzene-d5
Concen: 95.144 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

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

Tot Ion: 82 Resp: 1014276
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 46.3 41.4 62.2

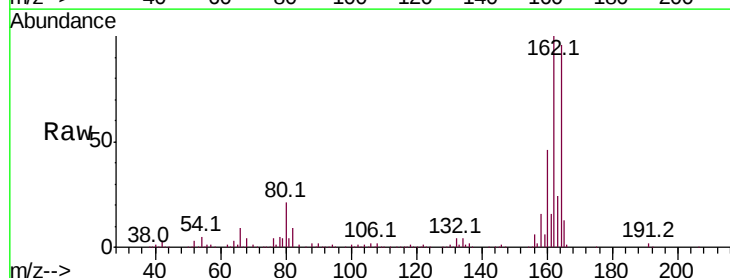


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

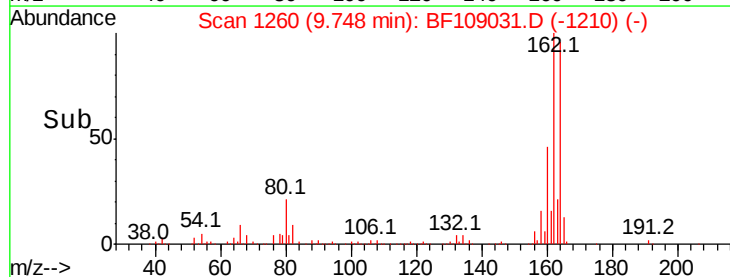
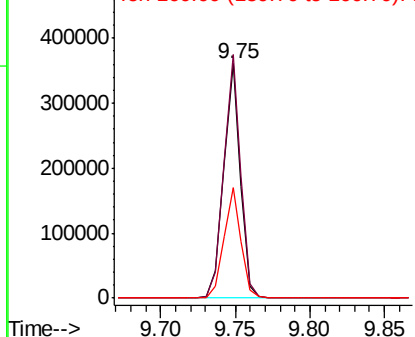


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

Tgt Ion:164 Resp: 286132
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 47.3 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

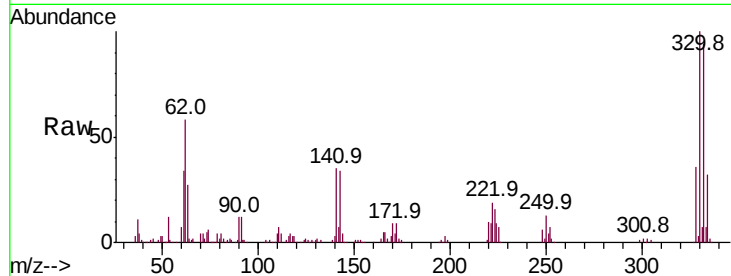




#41
 2,4,6-Tribromophenol
 Concen: 88.935 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.1	29.9	44.9

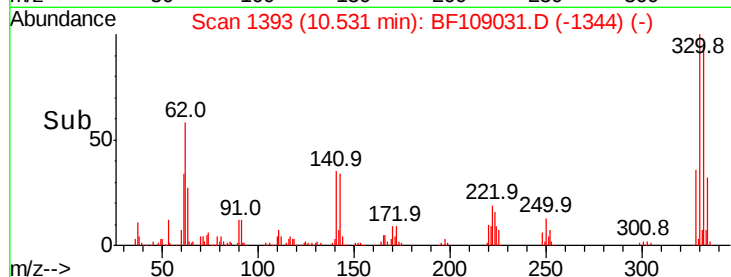
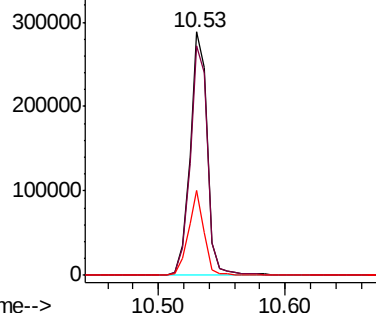


Abundance

Ion 329.80 (329.50 to 330.50): E

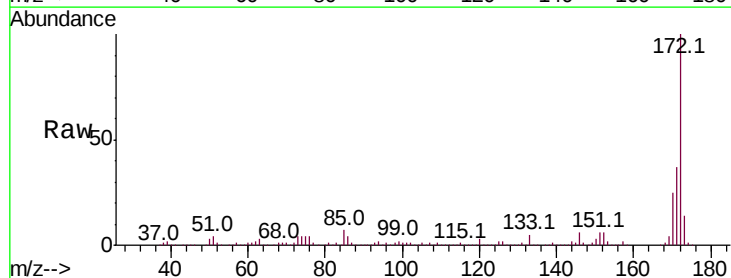
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.829 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.3	19.6	29.4

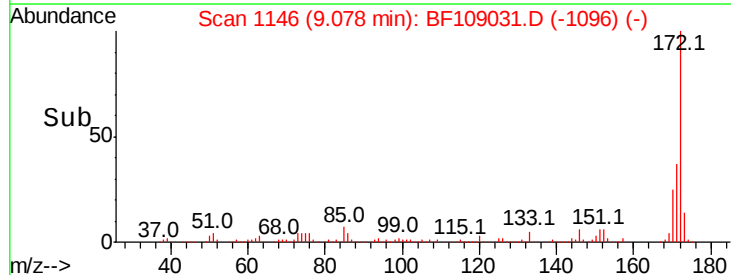
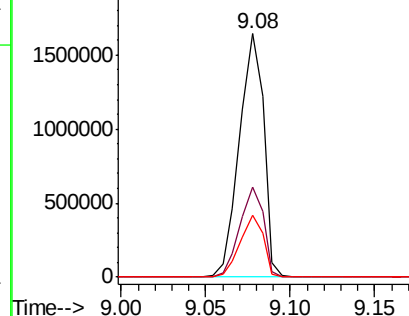


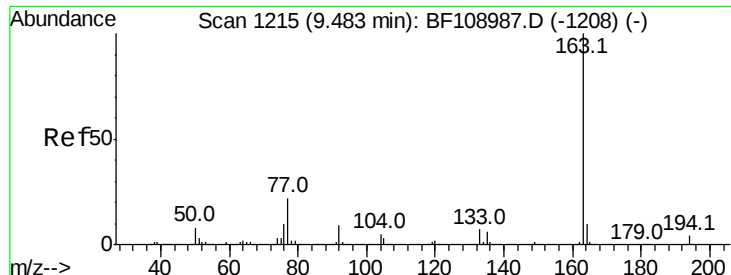
Abundance

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: 8.644 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109031.D

Acq: 15 Sep 2018 8:12

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-B

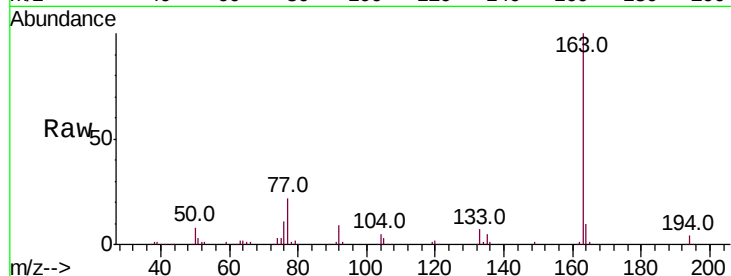
Tot Ion:163 Resp: 176771

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

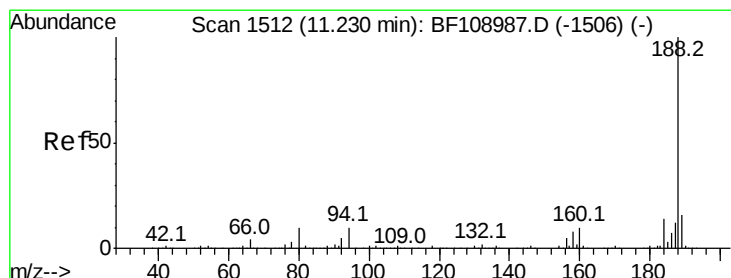
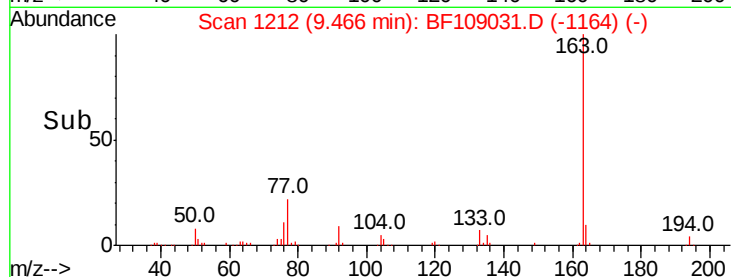
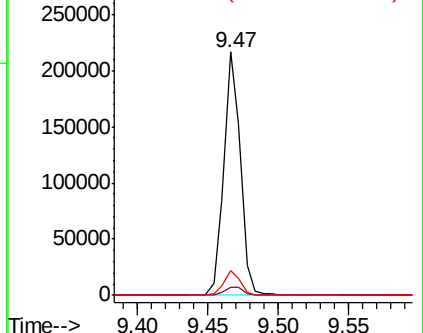
164 10.1 8.2 12.2



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: BF109031.D

Acq: 15 Sep 2018 8:12

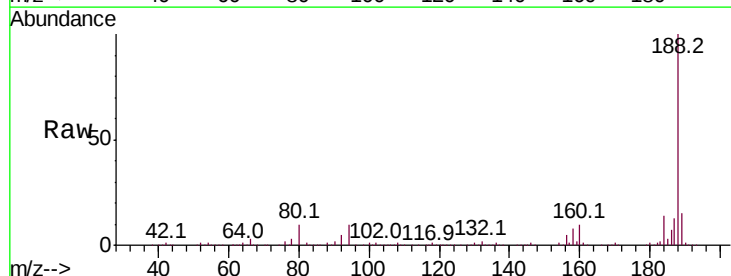
Tgt Ion:188 Resp: 564188

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

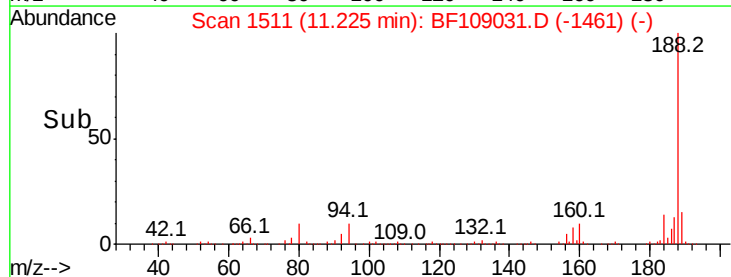
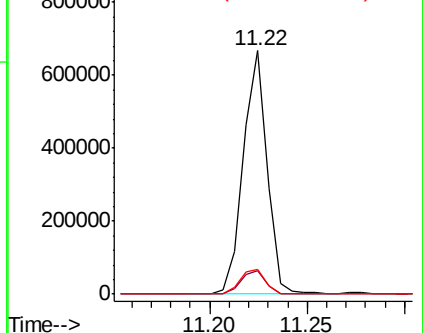
80 10.4 9.2 13.8



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: BF109031.D

Acq: 15 Sep 2018 8:12

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-B

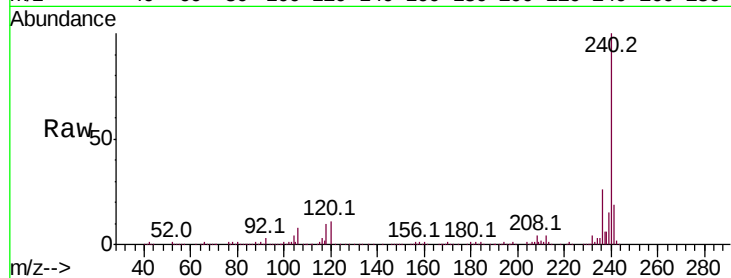
Tot Ion:240 Resp: 393026

Ion Ratio Lower Upper

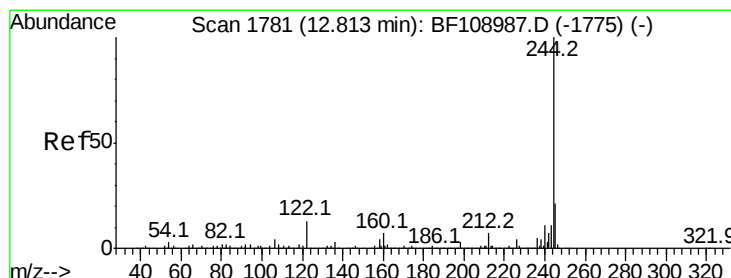
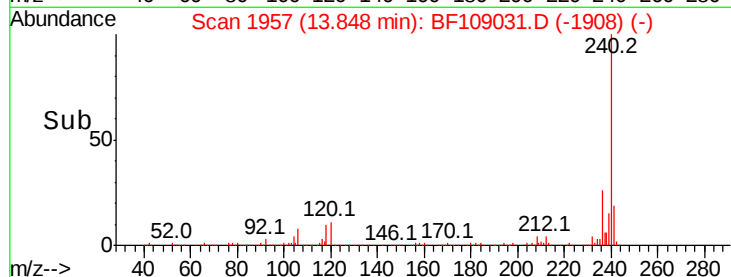
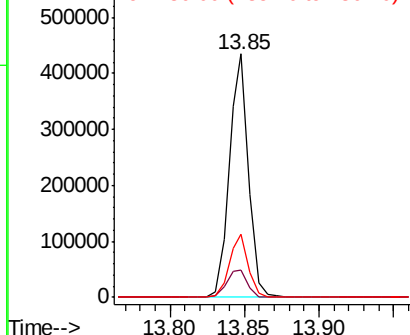
240 100

120 11.1 9.5 14.3

236 25.7 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: 108.870 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109031.D

Acq: 15 Sep 2018 8:12

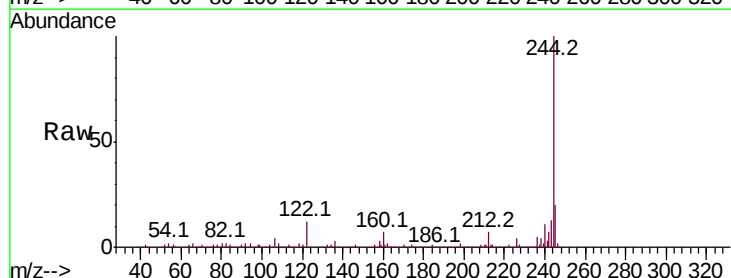
Tgt Ion:244 Resp: 1805225

Ion Ratio Lower Upper

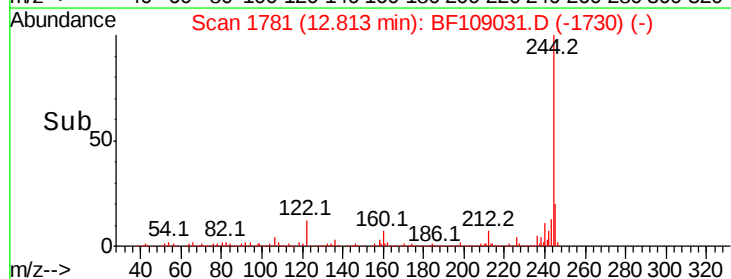
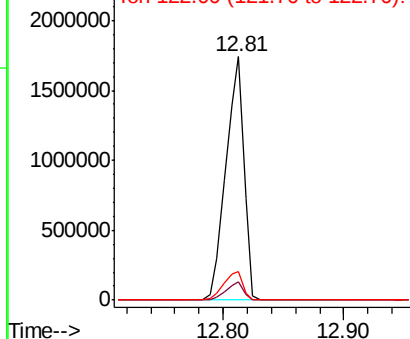
244 100

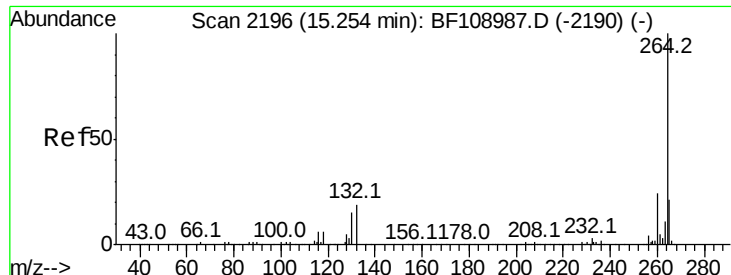
212 7.4 5.4 8.0

122 11.8 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

