

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108938.D
 Acq On : 11 Sep 2018 16:34
 Operator : JU/SJ
 Sample : PB112758BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BL

Quant Time: Sep 11 17:00:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165330	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	628131	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	301763	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	559110	20.00	ng	0.00
75) Chrysene-d12	13.87	240	364345	20.00	ng	0.00
86) Perylene-d12	15.28	264	400516	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	996527	99.86	ng	0.02
7) Phenol-d6	6.37	99	1280381	99.71	ng	0.00
23) Nitrobenzene-d5	7.30	82	817077	81.41	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	282763	98.16	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1443503	81.61	ng	0.00
78) Terphenyl-d14	12.83	244	1285178	82.25	ng	0.00

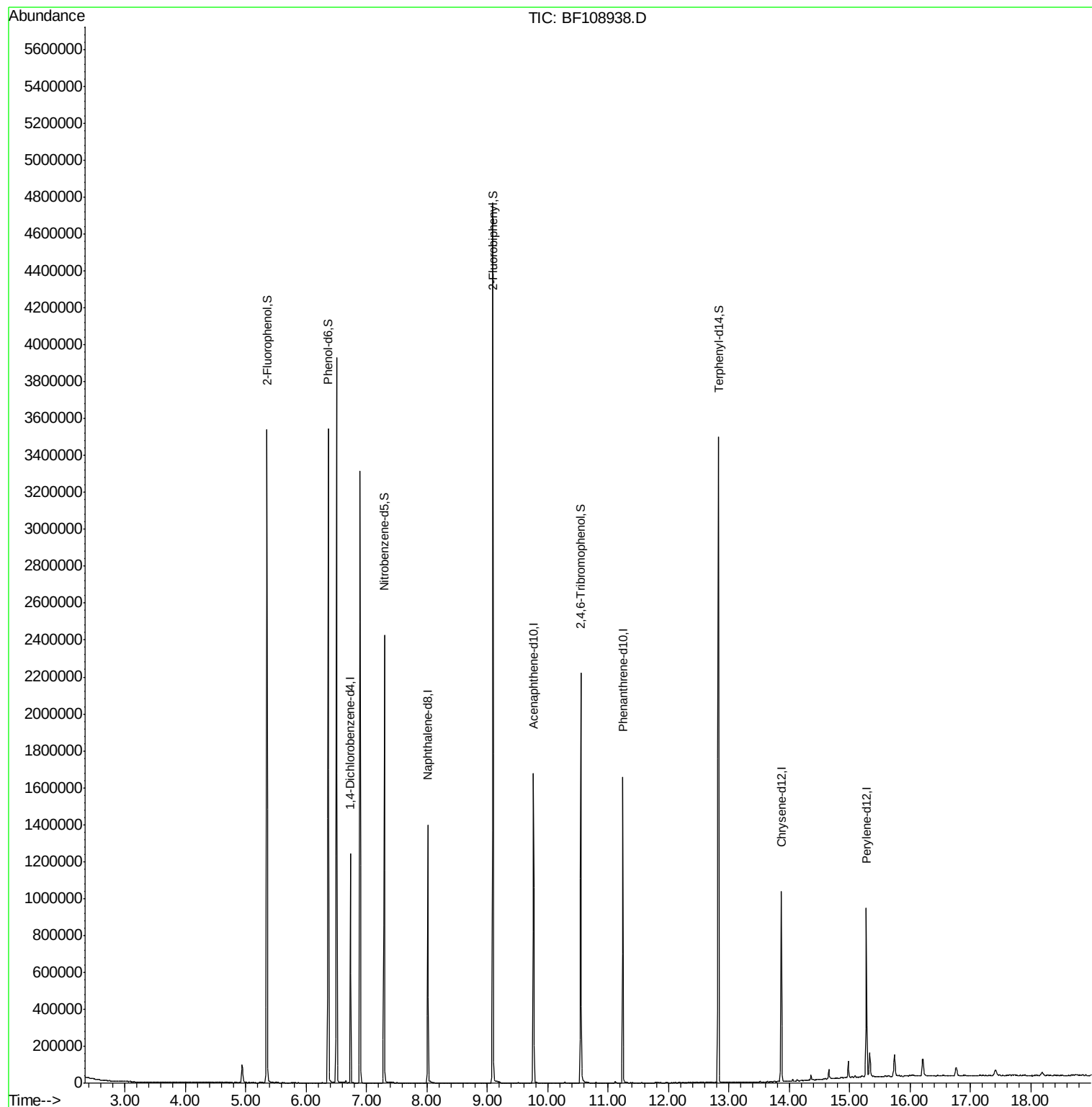
Target Compounds Qvalue

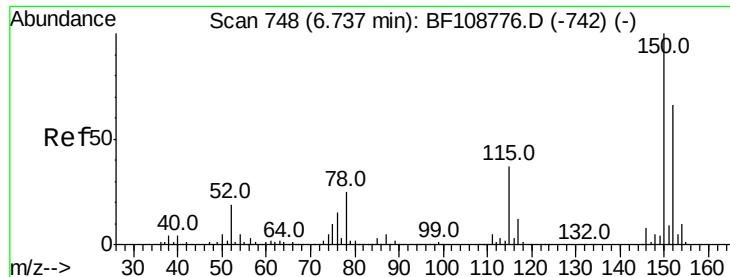
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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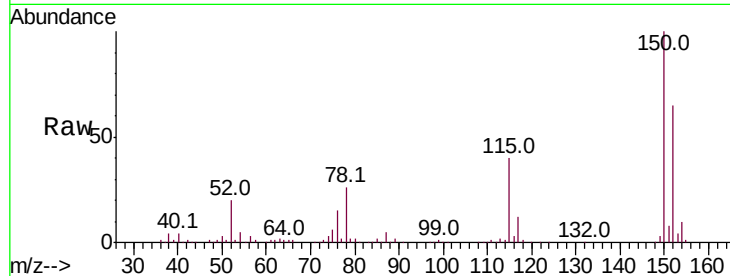


#1

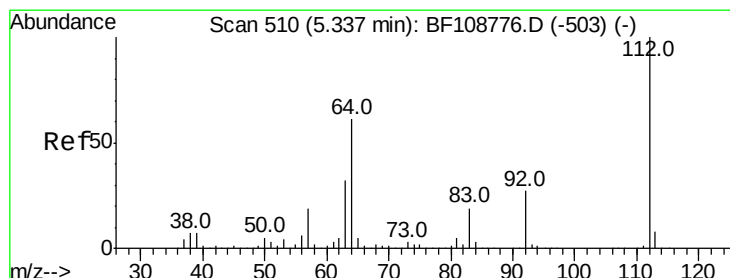
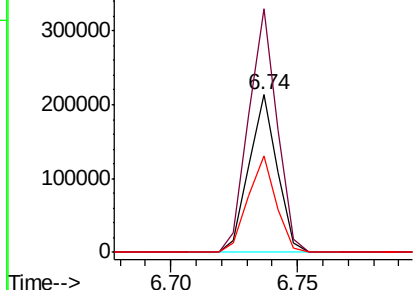
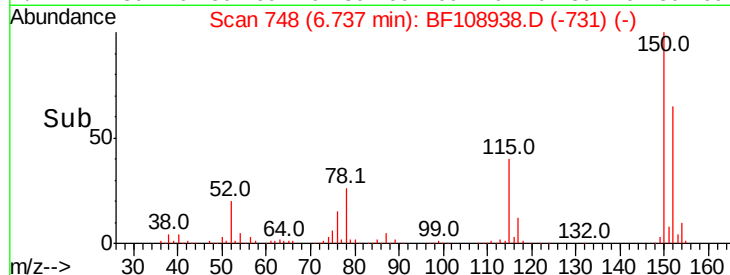
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :
PB112758BL

Tot Ion:152 Resp: 165330
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.4 50.1 75.1



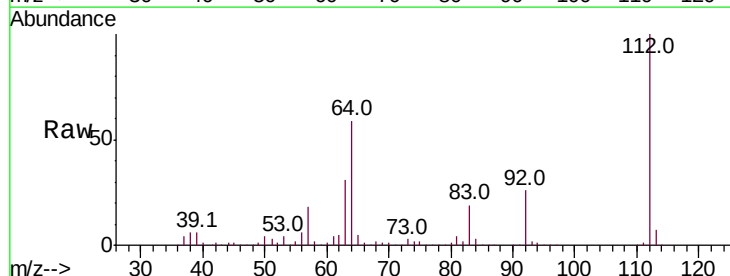
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



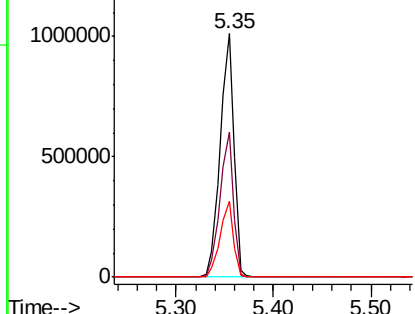
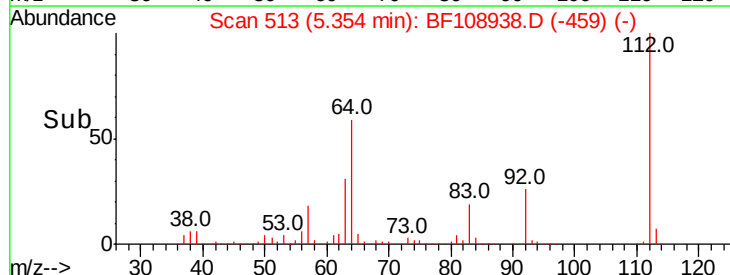
#5

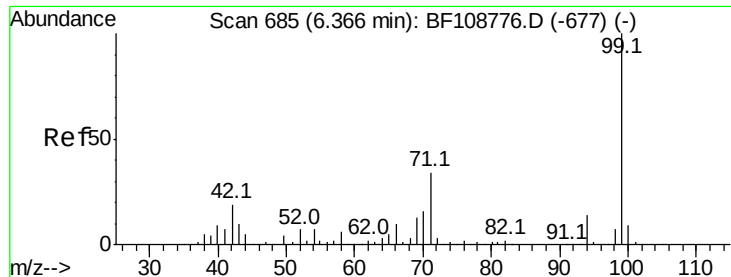
2-Fluorophenol
Concen: 99.856 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:112 Resp: 996527
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 31.0 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: 99.715 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108938.D

Acq: 11 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

PB112758BL

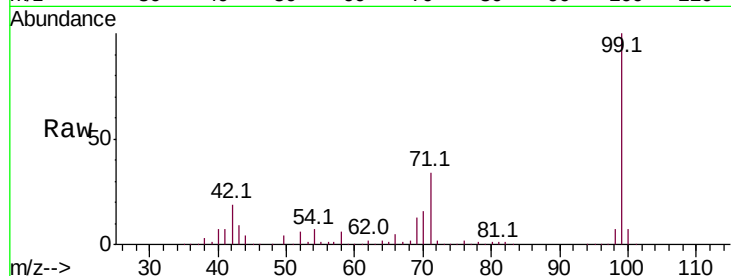
Tot Ion: 99 Resp: 1280381

Ion Ratio Lower Upper

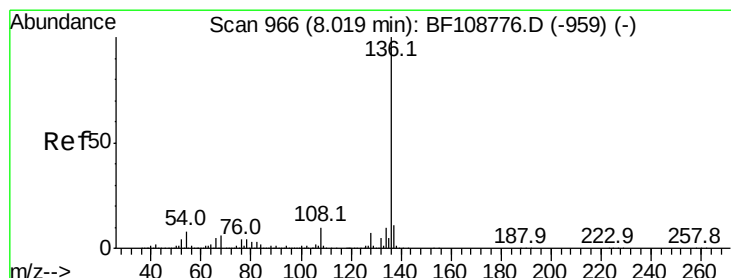
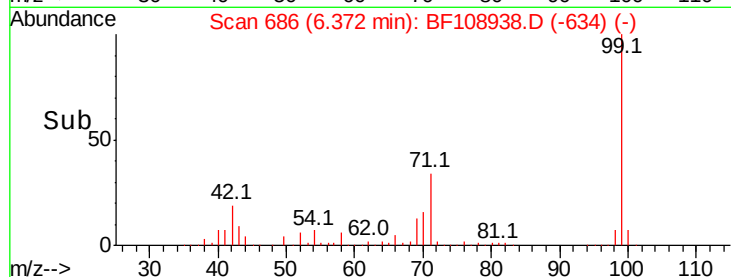
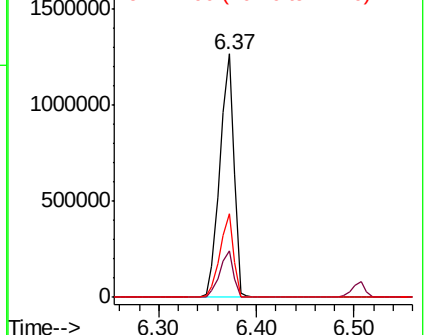
99 100

42 19.1 14.5 21.7

71 34.3 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108938.D

Acq: 11 Sep 2018 16:34

Tgt Ion: 136 Resp: 628131

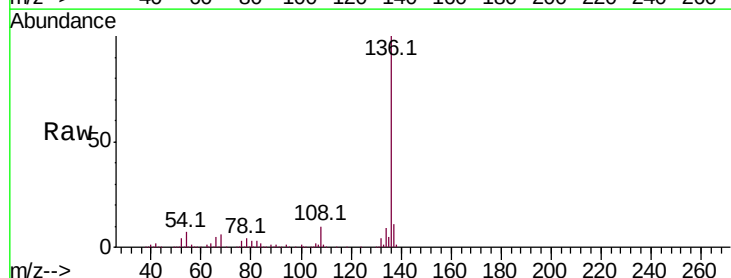
Ion Ratio Lower Upper

136 100

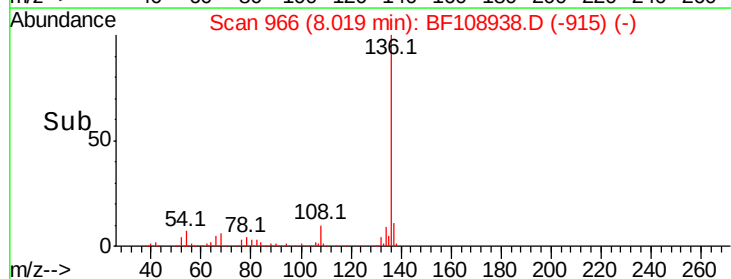
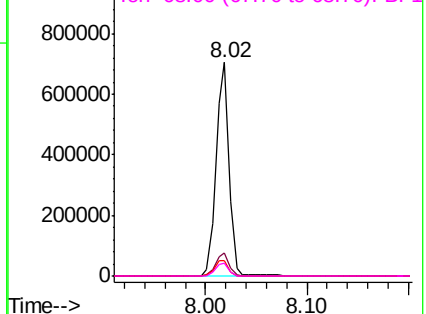
137 11.1 8.9 13.3

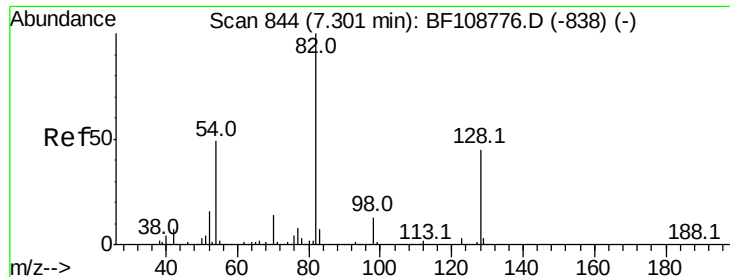
54 7.3 6.6 9.8

68 6.0 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

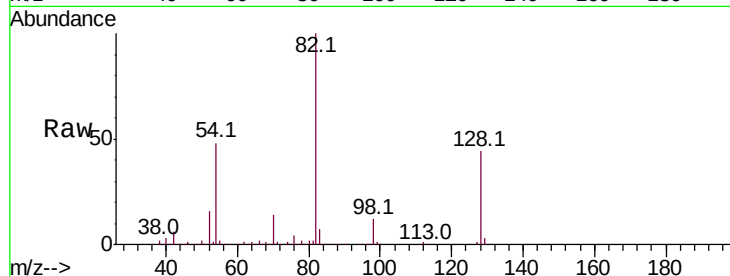




#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :
PB112758BL

Tot Ion	82	Resp	817077
Ion Ratio	100	Lower	Upper
128	43.9	36.1	54.1
54	47.5	41.4	62.2

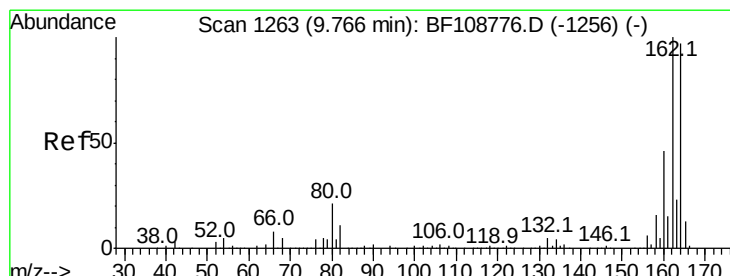
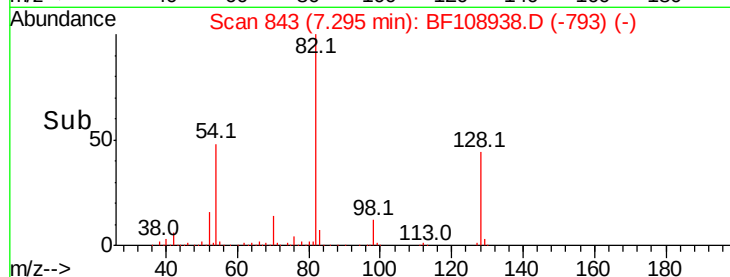
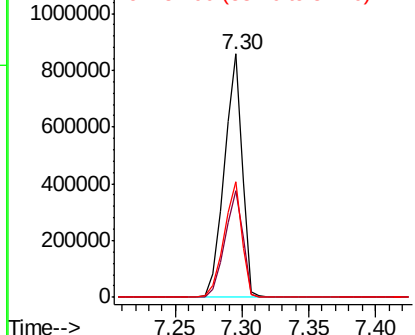


Abundance

Ion 82.00 (81.70 to 82.70): BF1

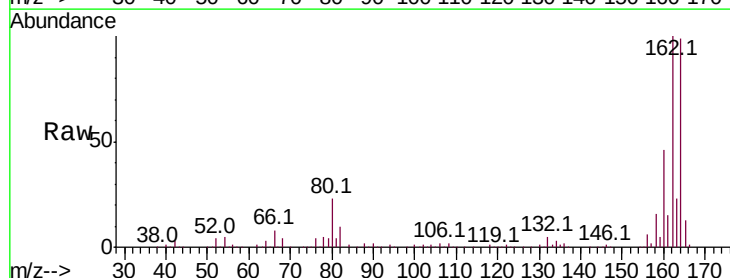
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion	164	Resp	301763
Ion Ratio	100	Lower	Upper
162	101.4	86.1	129.1
160	46.2	38.3	57.5

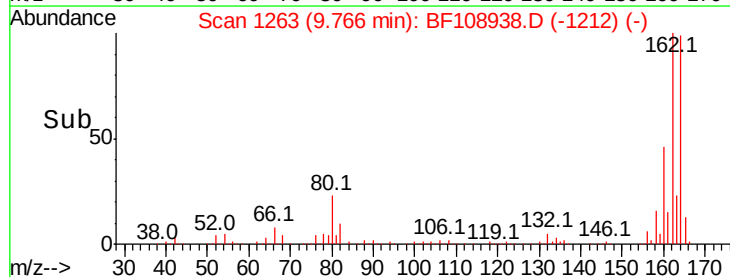
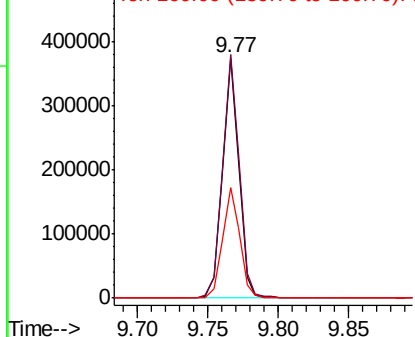


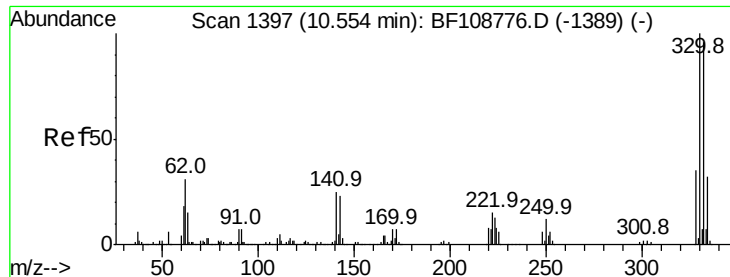
Abundance

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

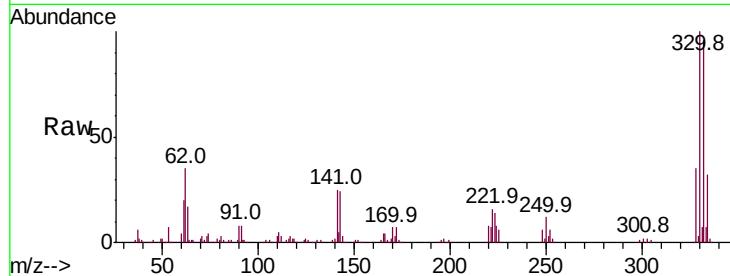




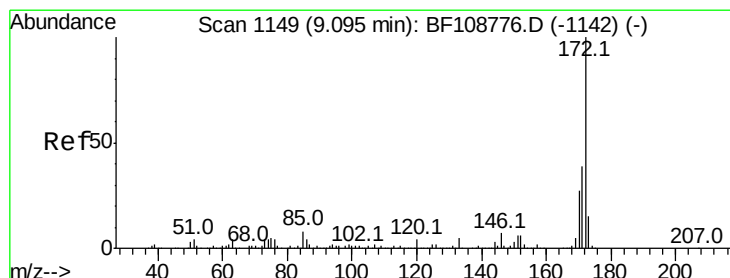
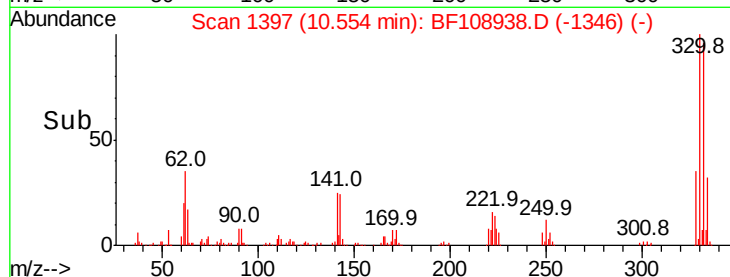
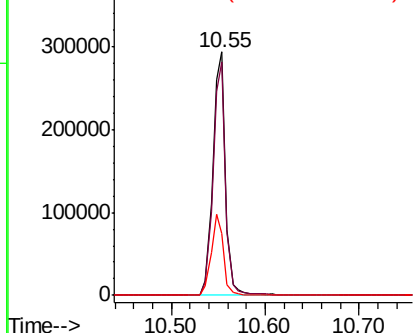
#41
 2,4,6-Tribromophenol
 Concen: 98.155 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108938.D
 Acq: 11 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.3	29.9	44.9

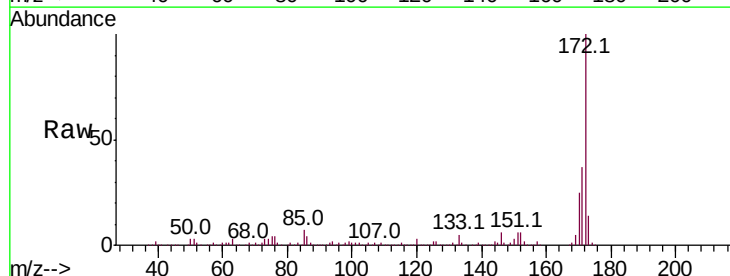


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

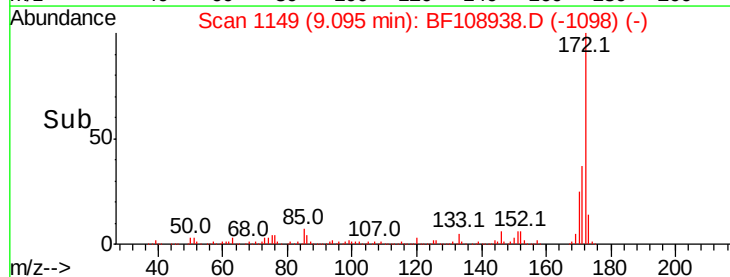
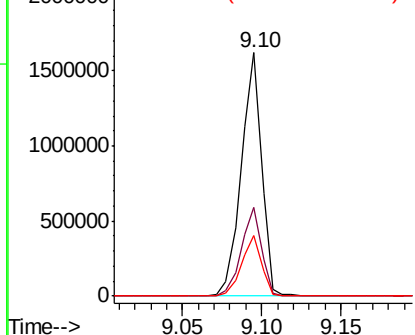


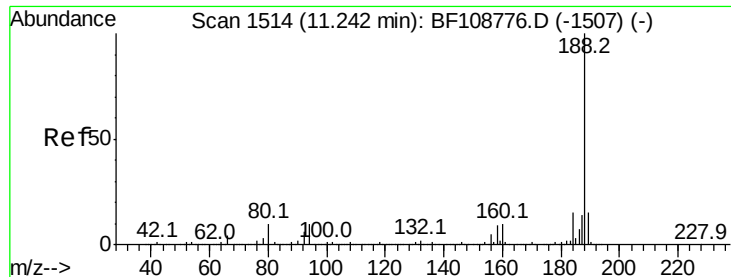
#44
 2-Fluorobiphenyl
 Concen: 81.607 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108938.D
 Acq: 11 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.0	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

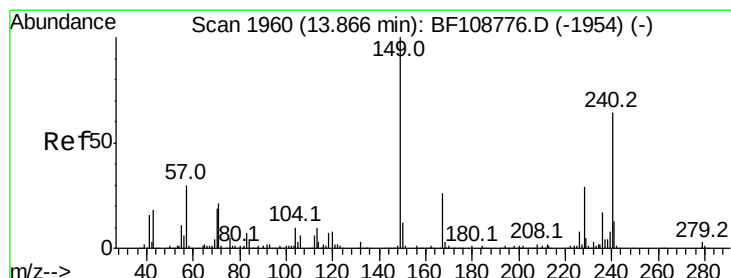
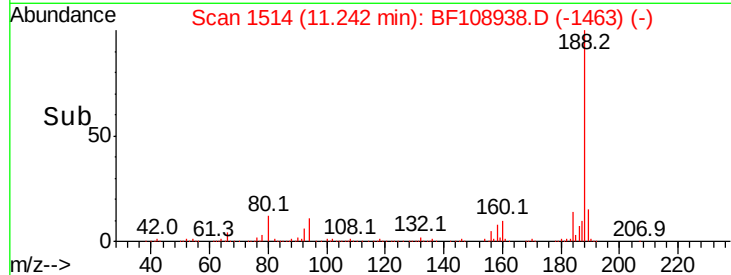
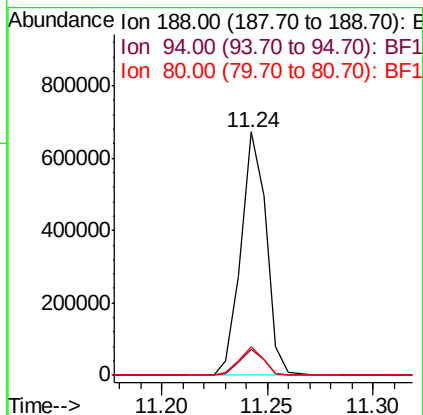
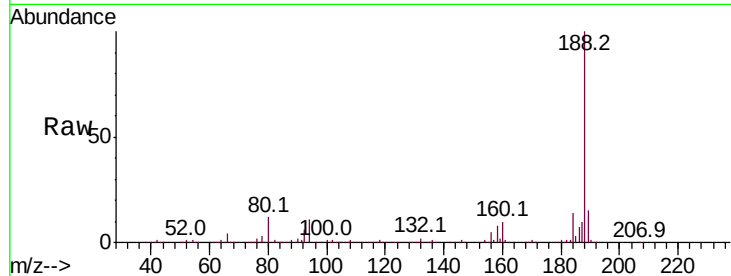




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

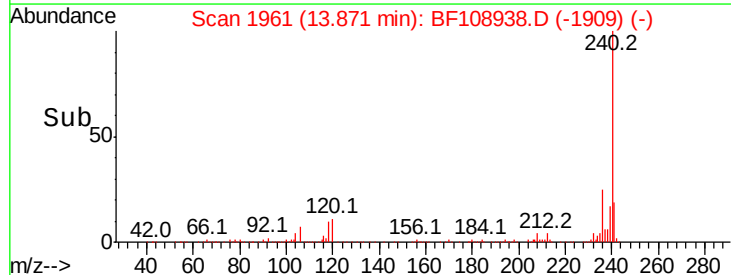
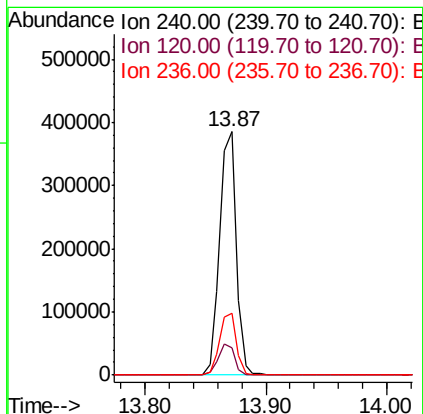
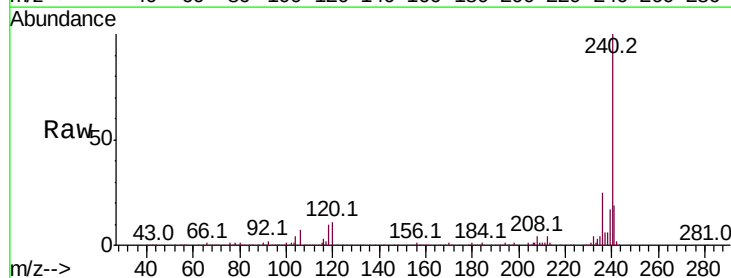
Instrument :
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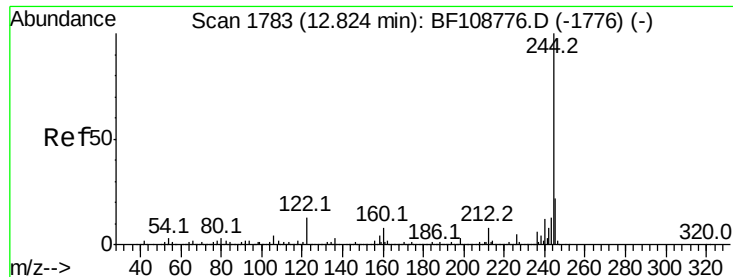
Tot Ion:188 Resp: 559110
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:240 Resp: 364345
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 82.255 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108938.D

Acq: 11 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

PB112758BL

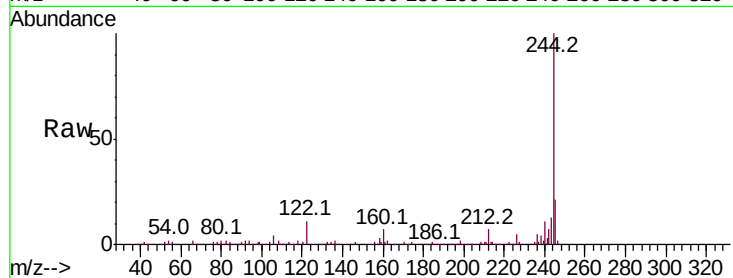
Tot Ion:244 Resp: 1285178

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

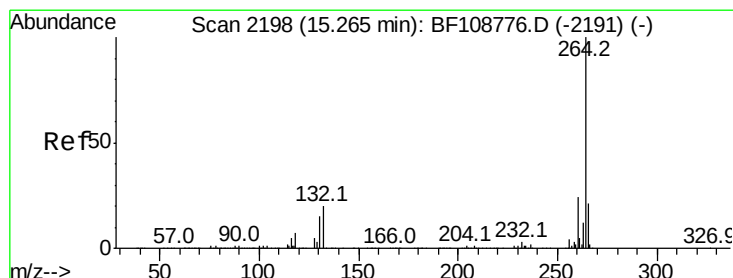
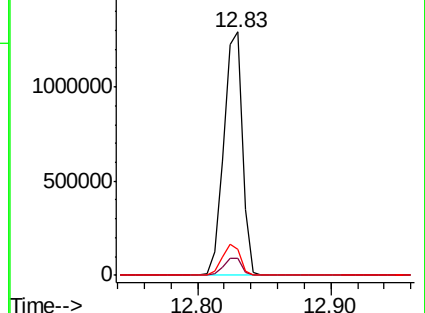
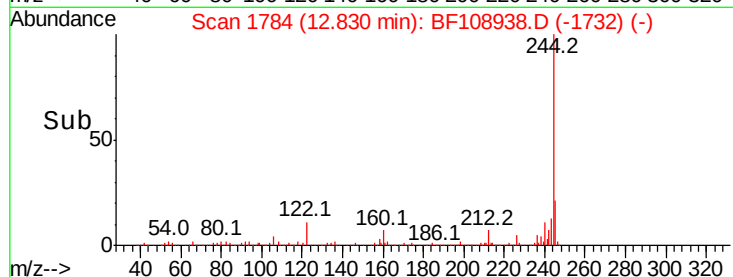
122 10.8 11.0 16.4#



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: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108938.D

Acq: 11 Sep 2018 16:34

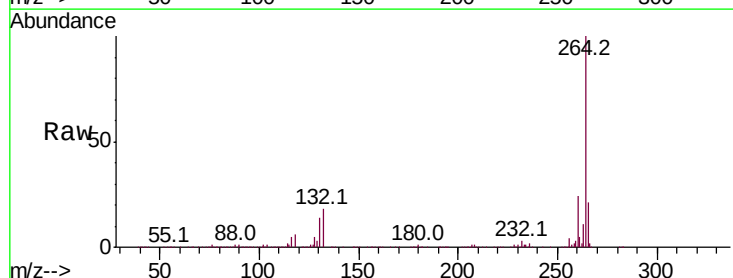
Tgt Ion:264 Resp: 400516

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

