

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108970.D
 Acq On : 13 Sep 2018 17:56
 Operator : JU/SJ
 Sample : J4873-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NF-CON-1

Quant Time: Sep 14 02:14:31 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

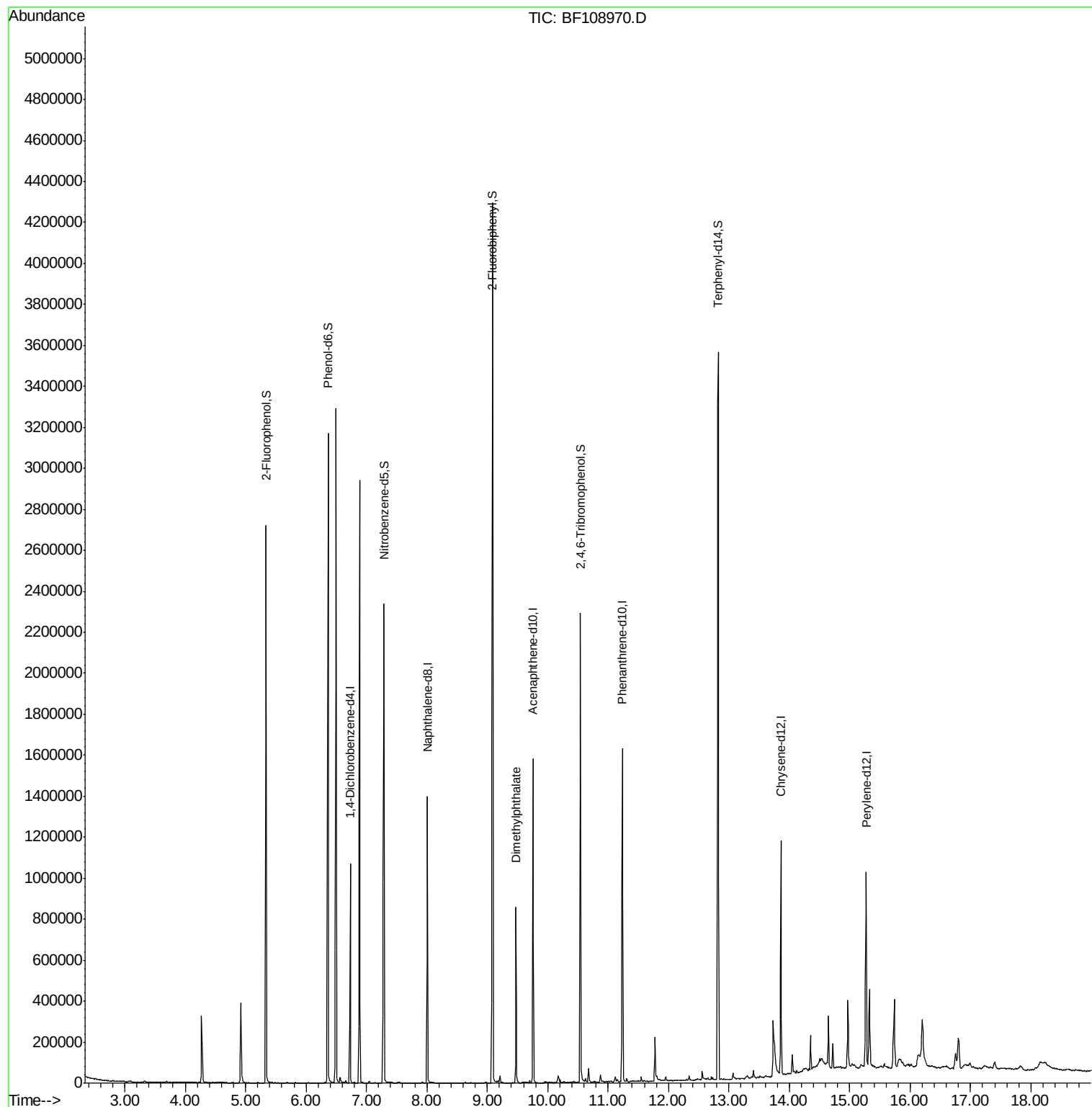
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	161152	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	610032	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	291833	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	544978	20.00	ng	0.00
75) Chrysene-d12	13.86	240	396177	20.00	ng	0.00
86) Perylene-d12	15.27	264	401432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	869947	89.43	ng	0.00
7) Phenol-d6	6.37	99	1177910	94.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	767742	78.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	275386	98.85	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1366687	79.89	ng	0.00
78) Terphenyl-d14	12.82	244	1281475	75.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	301872	14.789	ng	Qvalue 100

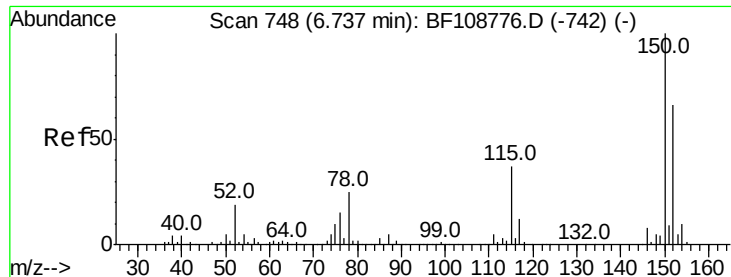
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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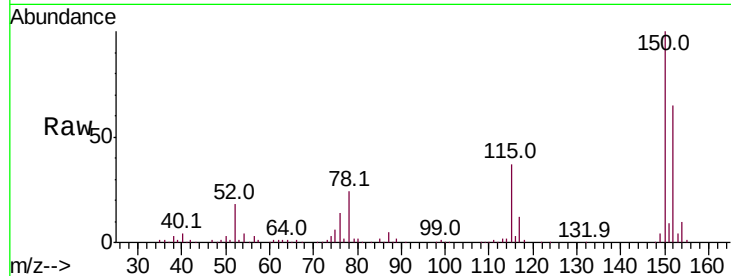


#1

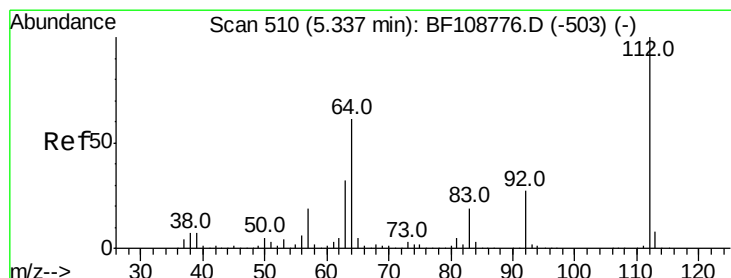
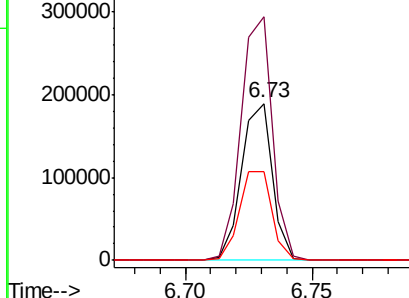
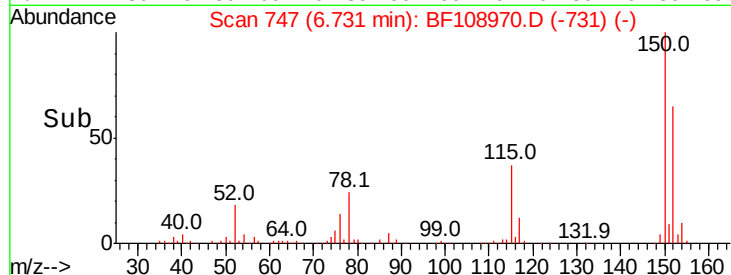
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Instrument :
BNA_F
ClientSampleId :
NF-CON-1

Tot Ion:152 Resp: 161152
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 56.7 50.1 75.1



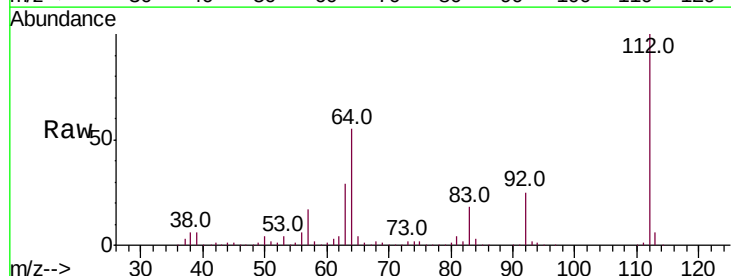
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



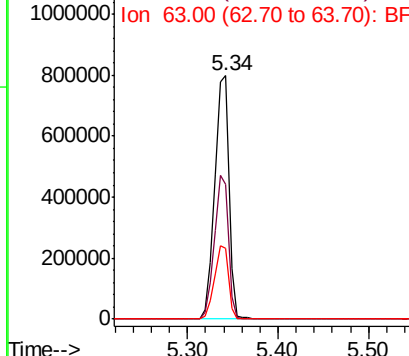
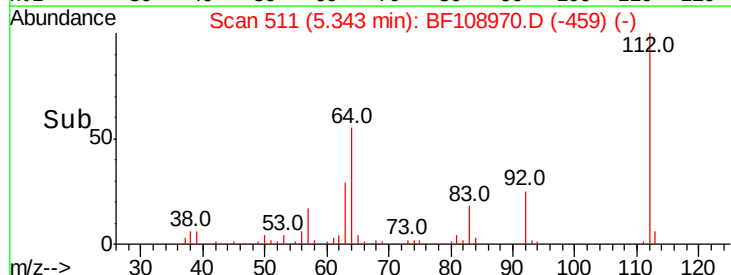
#5

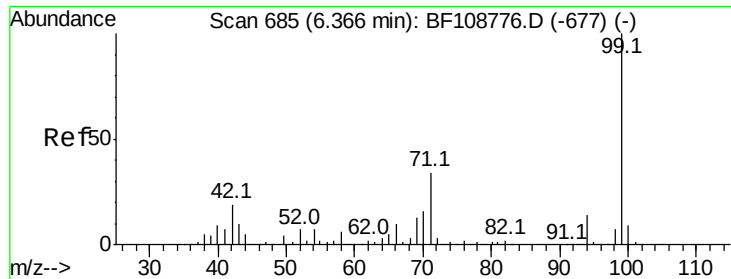
2-Fluorophenol
Concen: 89.432 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Tgt Ion:112 Resp: 869947
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 29.0 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: 94.113 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

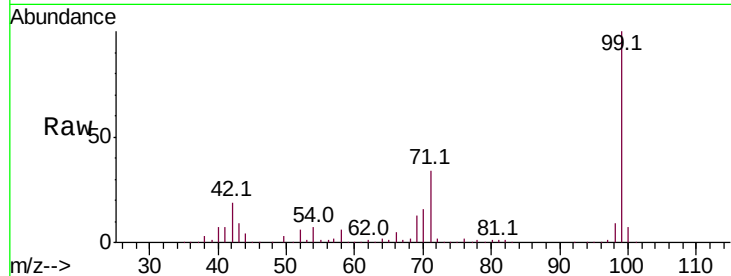
BNA_F

ClientSampleId :

NF-CON-1

Tot Ion: 99 Resp: 1177910

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	33.9	25.4	38.0

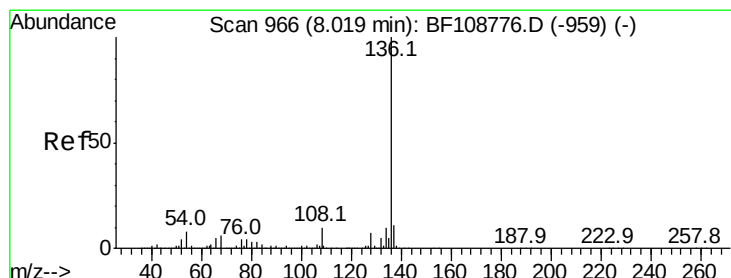
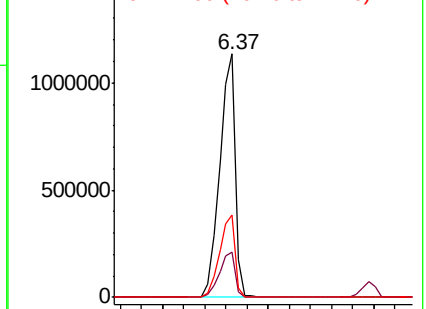
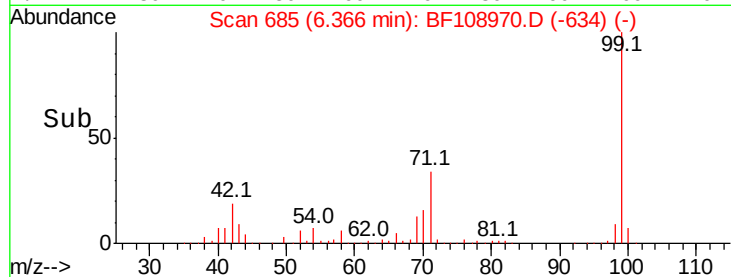


Abundance

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: 8.01 min Scan# 964

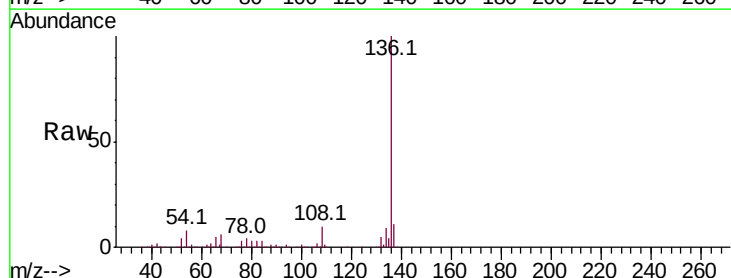
Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Tgt Ion: 136 Resp: 610032

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.6	9.8
68	6.5	5.0	7.4



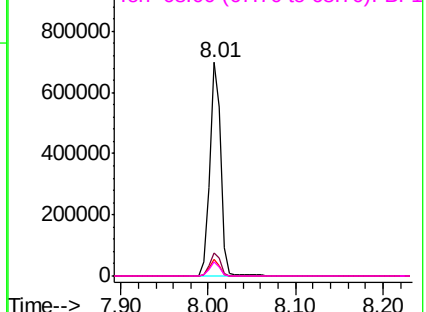
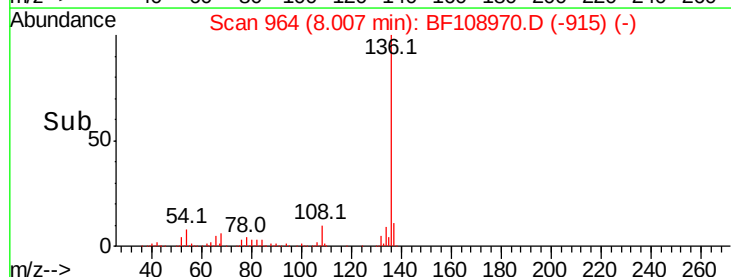
Abundance

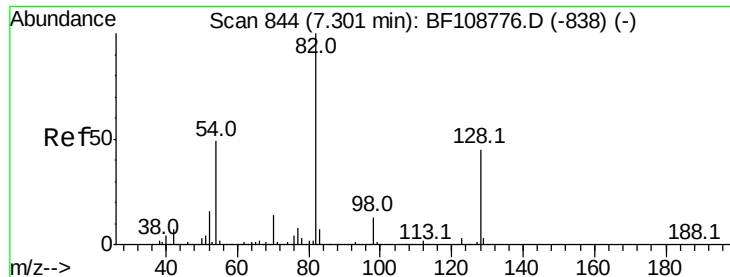
Ion 136.00 (135.70 to 136.70): E

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: 78.760 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampleId :

NF-CON-1

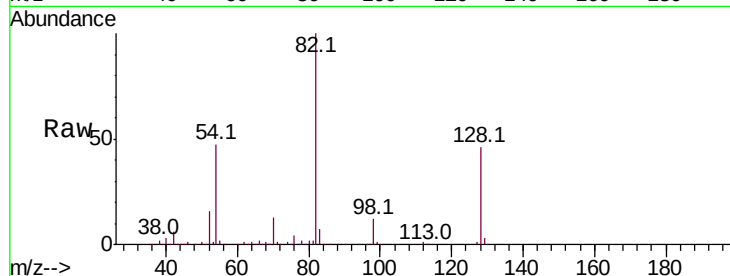
Tot Ion: 82 Resp: 767742

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

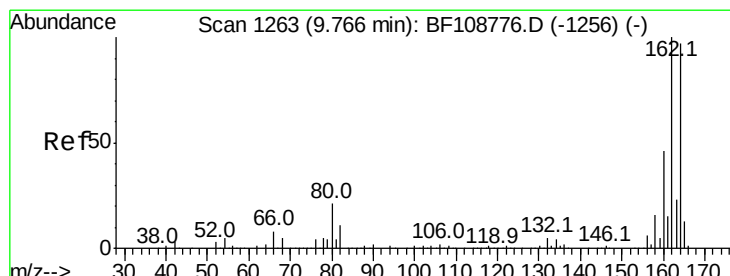
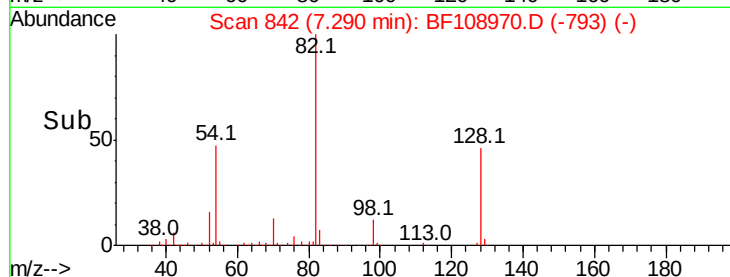
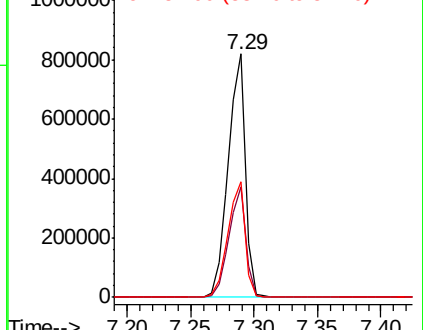
54 47.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

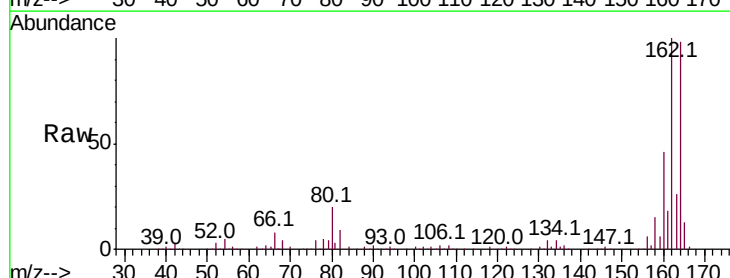
Tgt Ion: 164 Resp: 291833

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

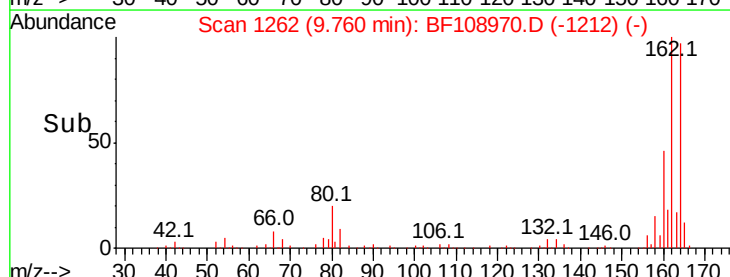
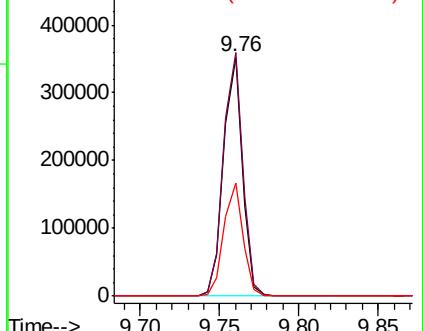
160 47.3 38.3 57.5

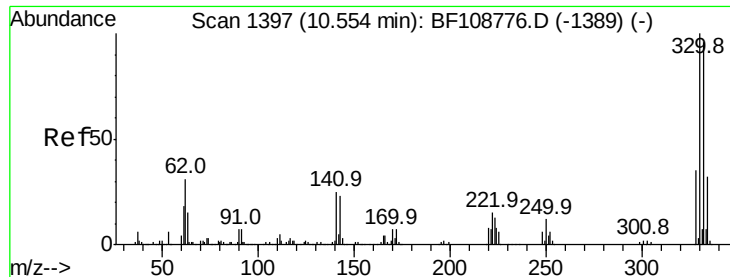


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

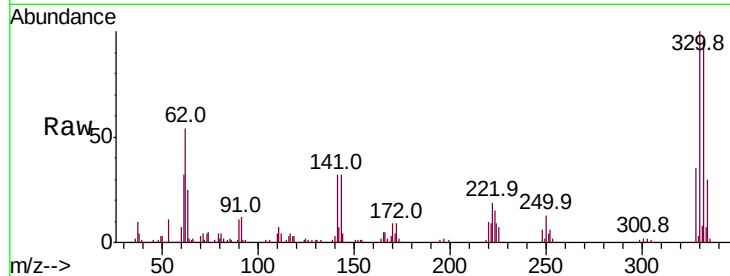




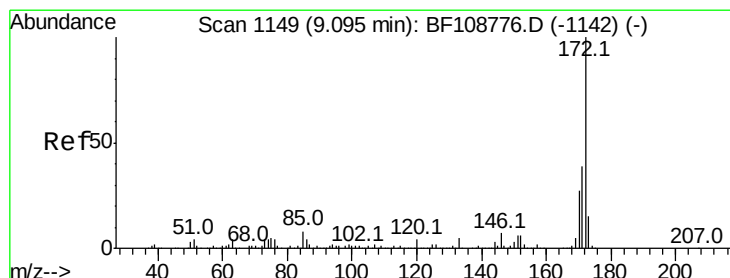
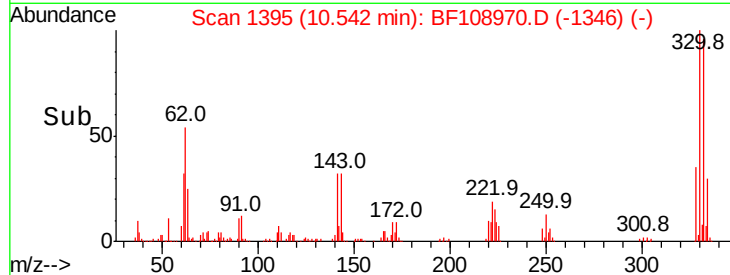
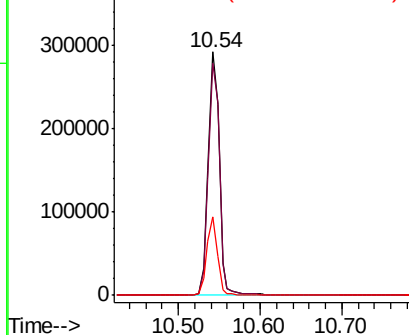
#41
 2,4,6-Tribromophenol
 Concen: 98.847 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108970.D
 Acq: 13 Sep 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 NF-CON-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.4	29.9	44.9

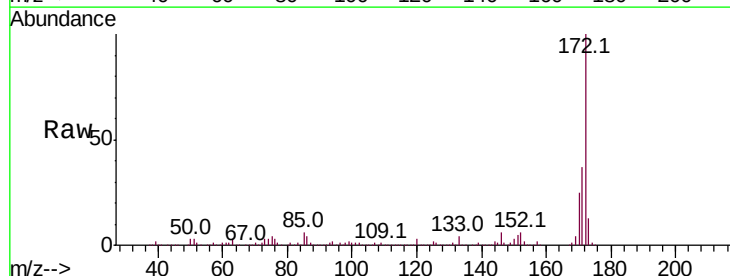


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

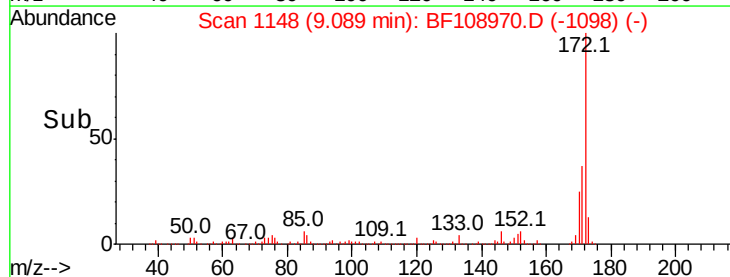
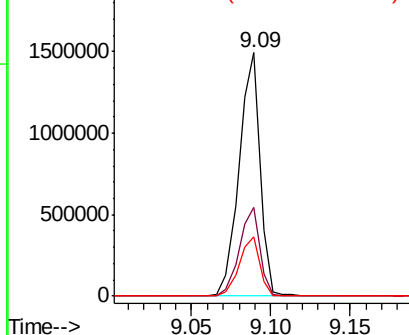


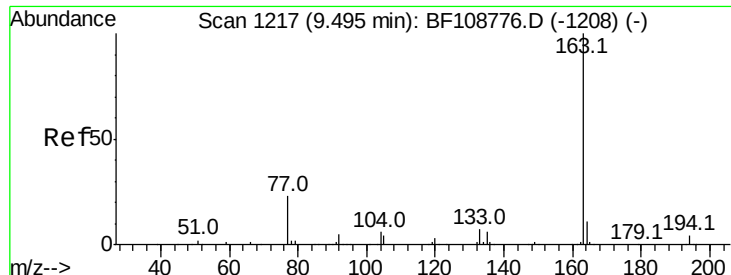
#44
 2-Fluorobiphenyl
 Concen: 79.893 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108970.D
 Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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: 14.789 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampleId :

NF-CON-1

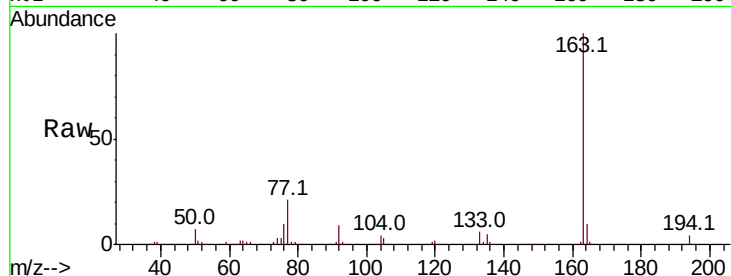
Tot Ion:163 Resp: 301872

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 10.3 8.2 12.2

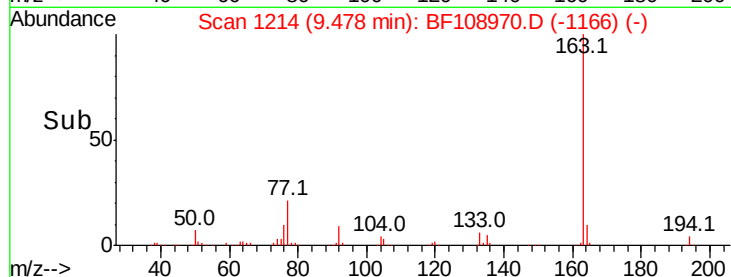


Abundance Ion 163.00 (162.70 to 163.70): E

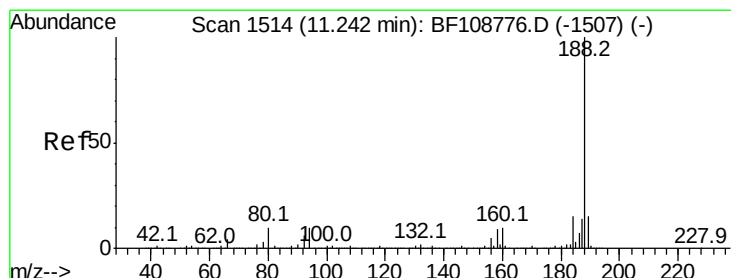
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

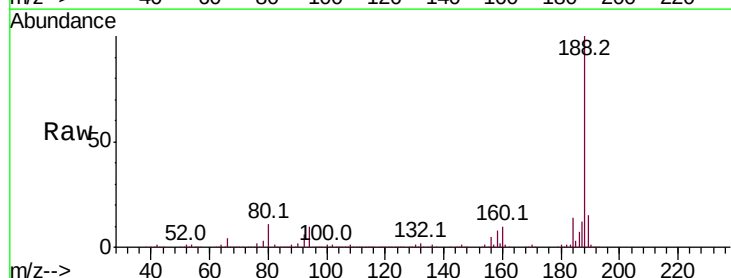
Tgt Ion:188 Resp: 544978

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

80 10.7 9.2 13.8

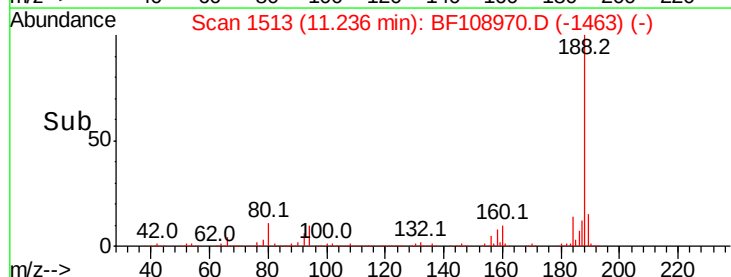


Abundance Ion 188.00 (187.70 to 188.70): E

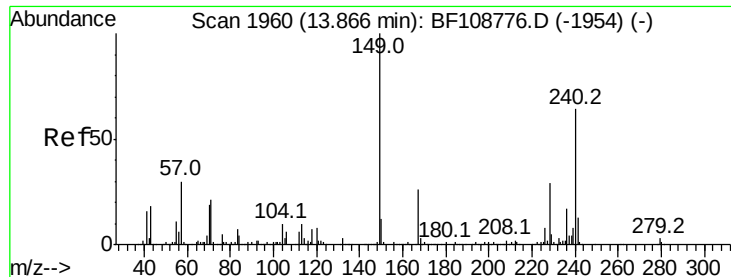
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampled :

NF-CON-1

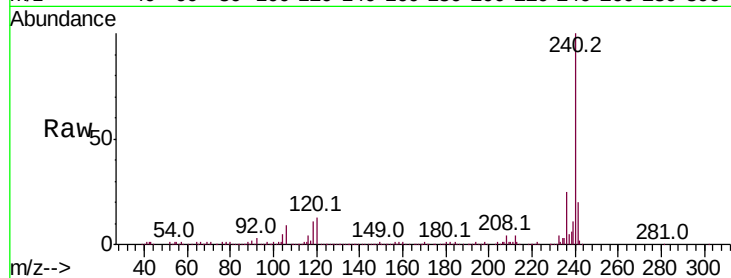
Tot Ion:240 Resp: 396177

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

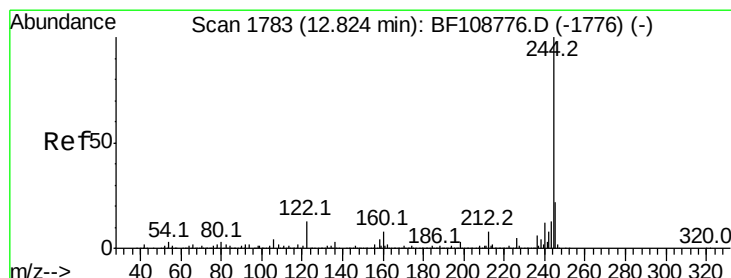
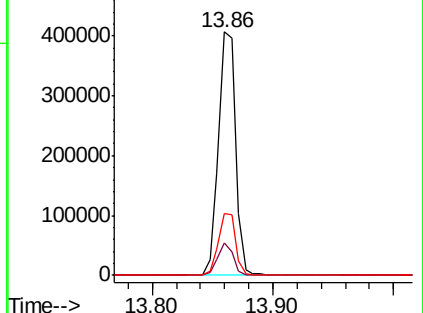
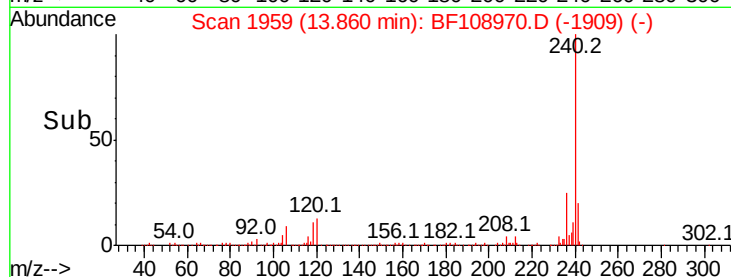
236 25.5 20.7 31.1



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: 75.428 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

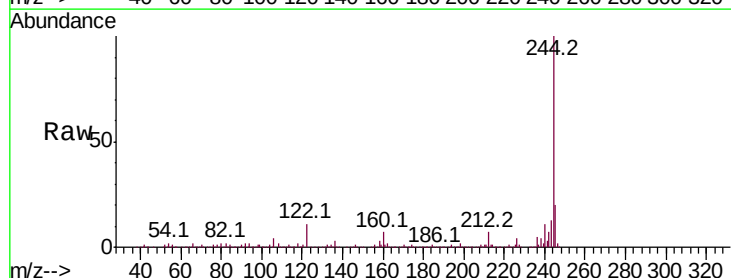
Tgt Ion:244 Resp: 1281475

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

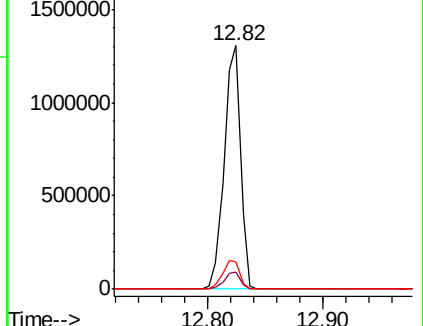
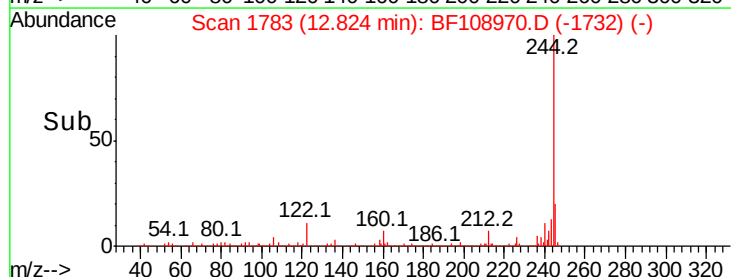
122 11.3 11.0 16.4

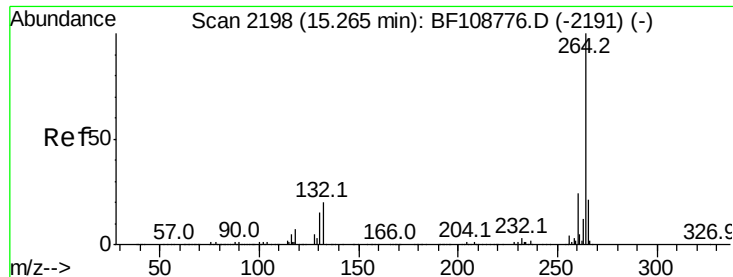


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

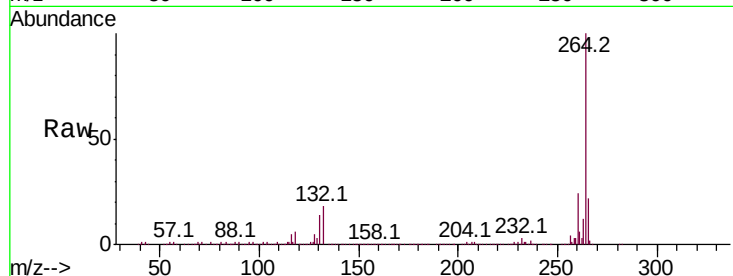




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Instrument :
BNA_F
ClientSampleId :
NF-CON-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	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

