

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108130.D
 Acq On : 13 Aug 2018 21:37
 Operator : JU/SJ
 Sample : J4442-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

Quant Time: Aug 14 02:08:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

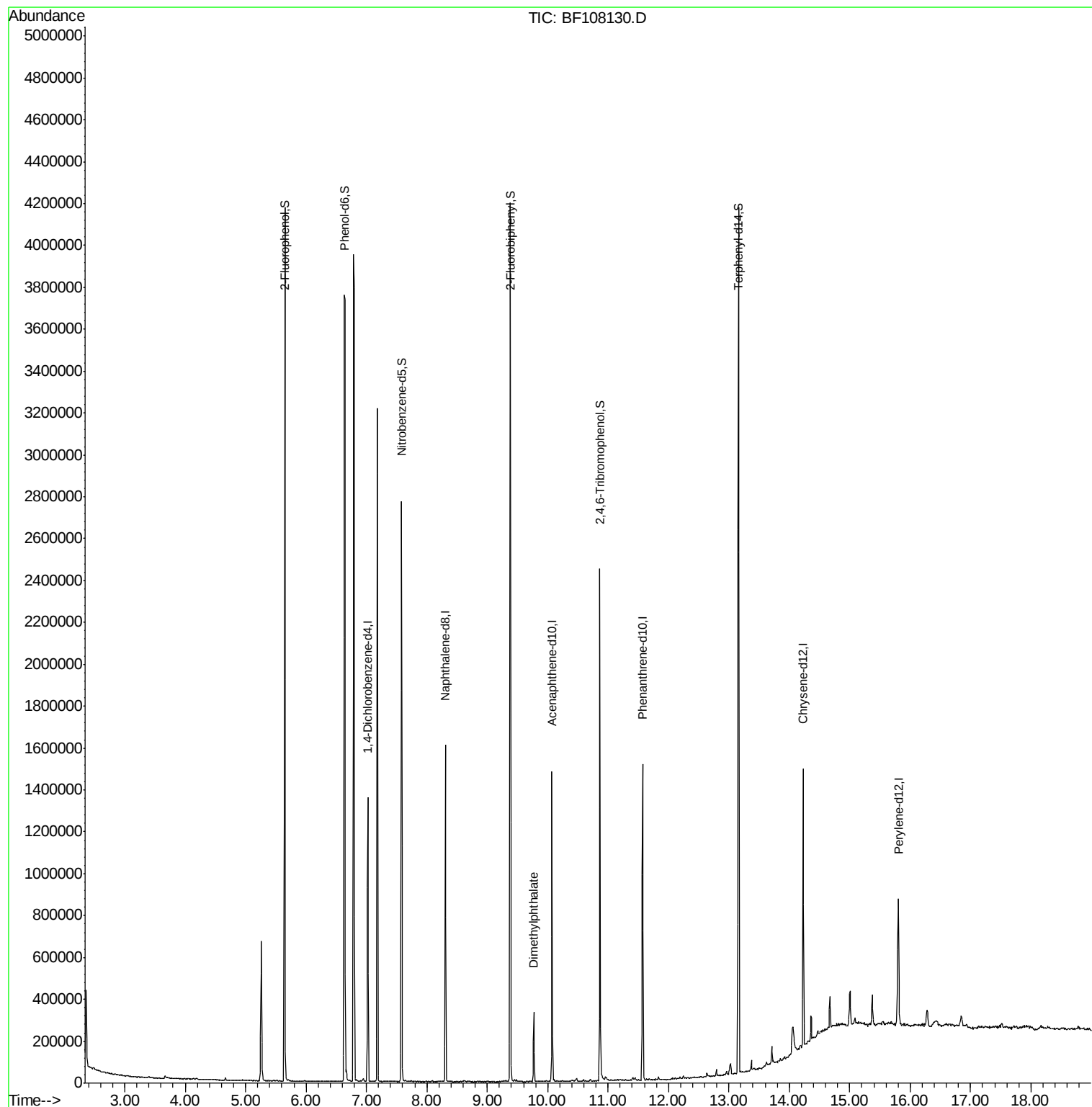
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	177892	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	608175	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	267449	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	507908	20.00	ng	0.01
75) Chrysene-d12	14.23	240	426931	20.00	ng	0.01
86) Perylene-d12	15.81	264	275052	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	991420	100.90	ng	0.02
7) Phenol-d6	6.64	99	1270404	97.30	ng	0.01
23) Nitrobenzene-d5	7.58	82	785069	72.03	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	265379	99.48	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1263557	75.85	ng	0.00
78) Terphenyl-d14	13.16	244	1339478	79.77	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	115266	6.187	ng	Qvalue # 99

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

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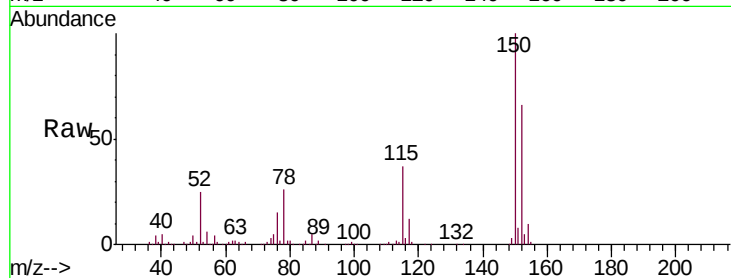


#1

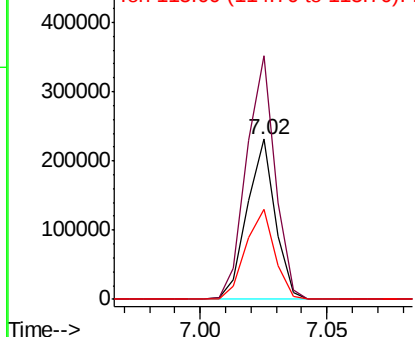
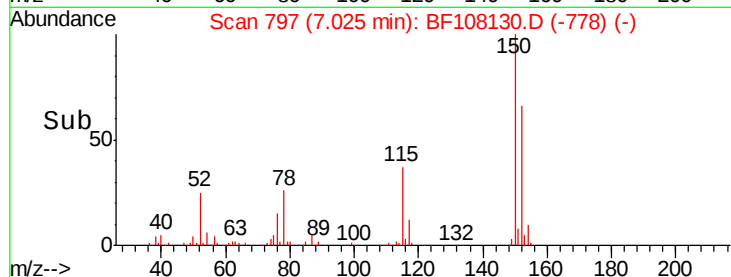
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Tgt Ion:152 Resp: 177892
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 55.9 50.1 75.1



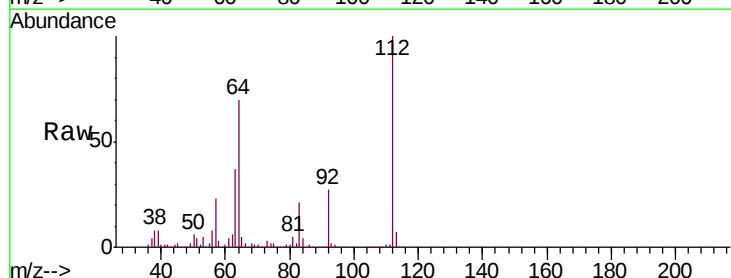
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



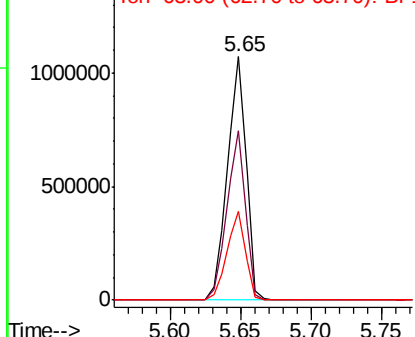
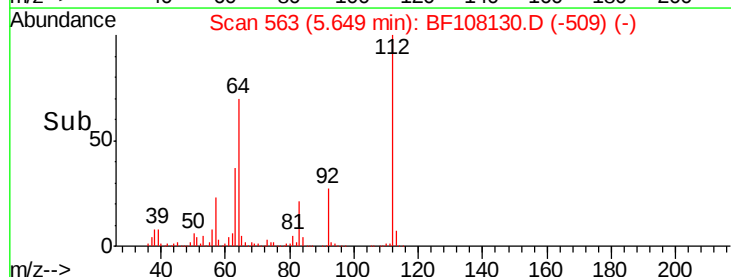
#5

2-Fluorophenol
Concen: 100.899 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Tgt Ion:112 Resp: 991420
Ion Ratio Lower Upper
112 100
64 69.6 47.9 71.9
63 36.6 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: 97.295 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

BNA_F

ClientSampleId :

SP-1-1

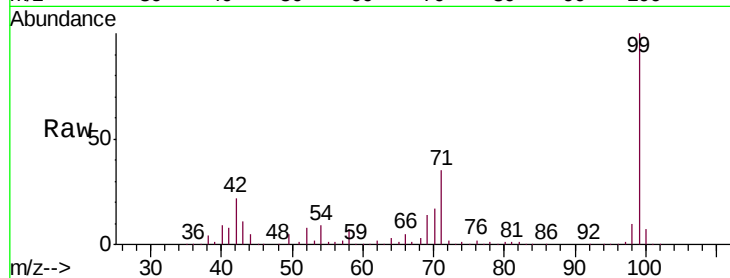
Tgt Ion: 99 Resp: 1270404

Ion Ratio Lower Upper

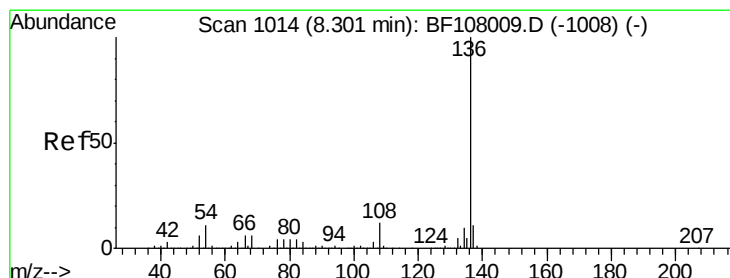
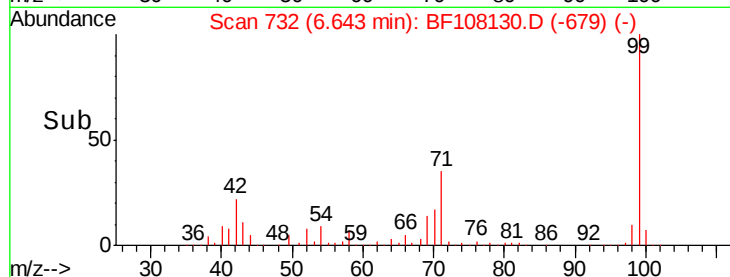
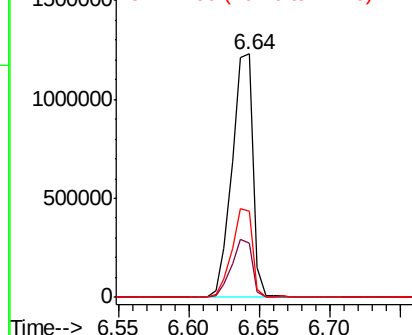
99 100

42 22.0 14.5 21.7#

71 35.3 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: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Tgt Ion: 136 Resp: 608175

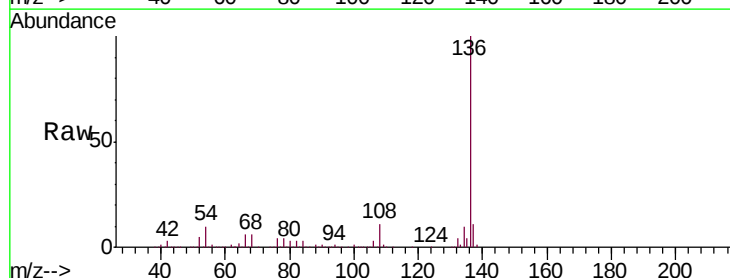
Ion Ratio Lower Upper

136 100

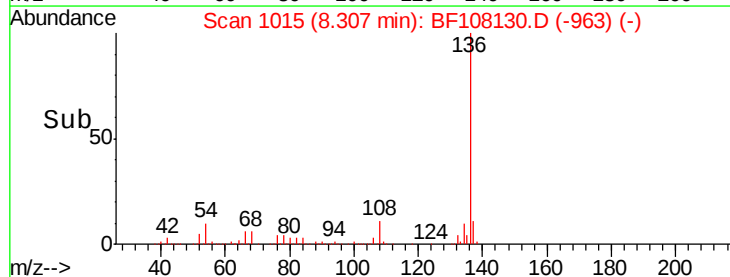
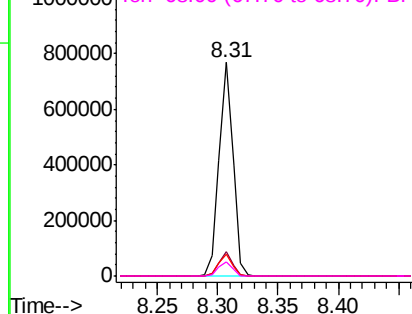
137 11.1 8.9 13.3

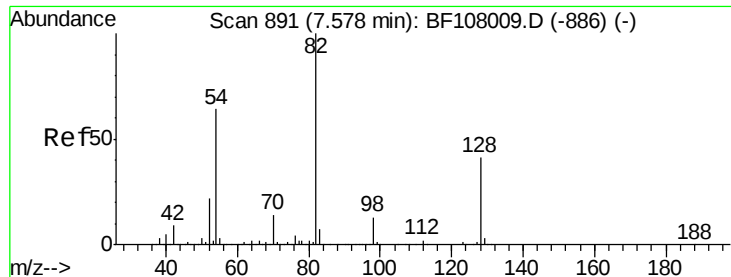
54 10.4 6.6 9.8#

68 6.3 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: 72.032 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

BNA_F

ClientSampleId :

SP-1-1

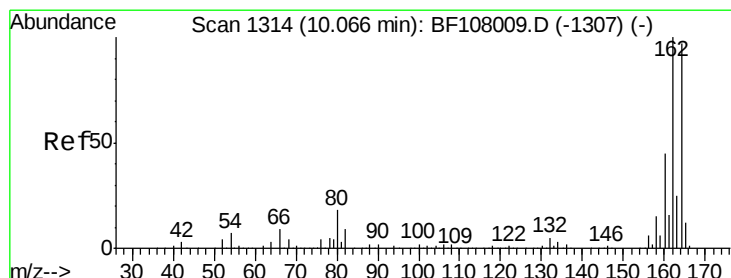
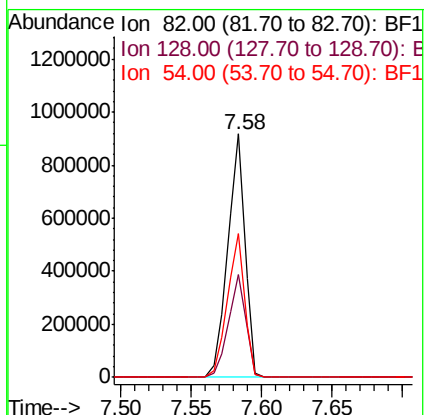
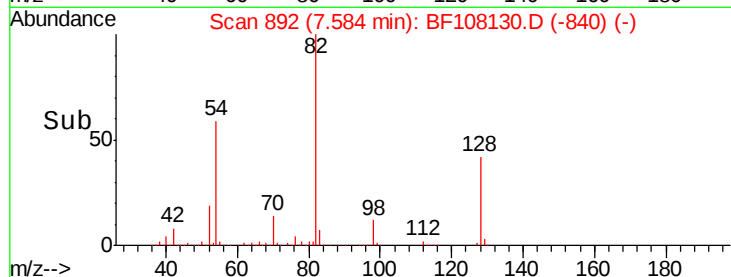
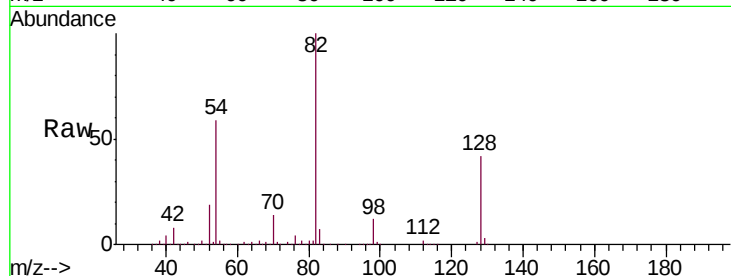
Tgt Ion: 82 Resp: 785069

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

54 59.3 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

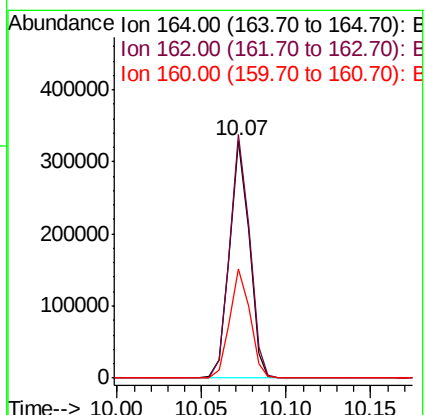
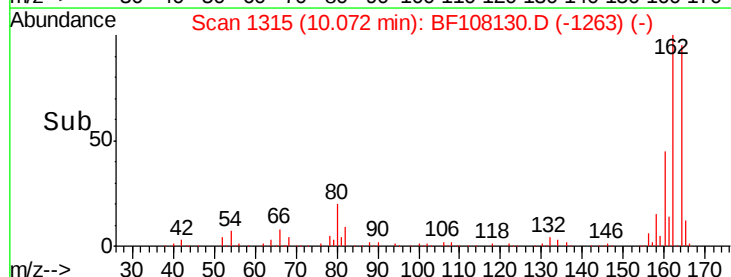
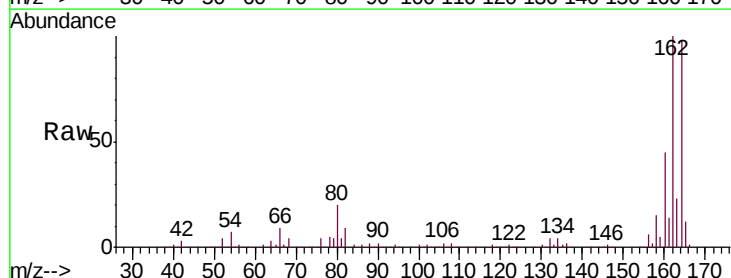
Tgt Ion: 164 Resp: 267449

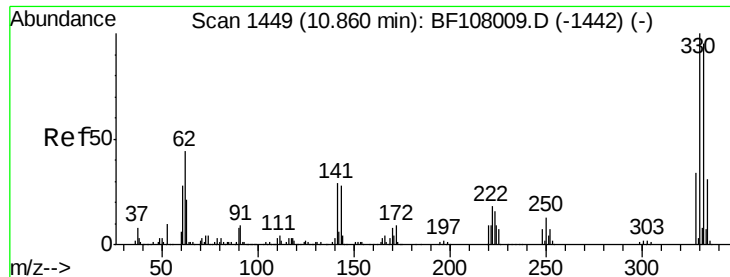
Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

160 45.9 38.3 57.5

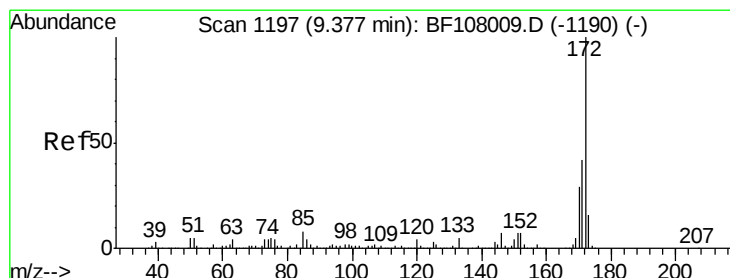
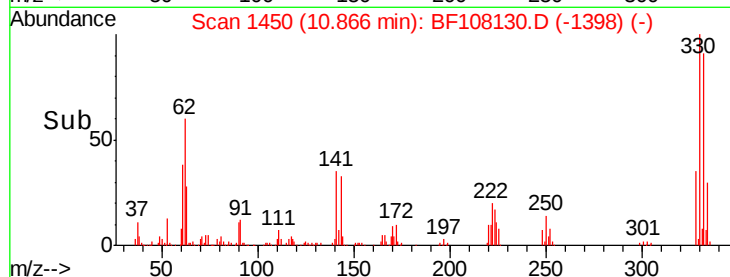
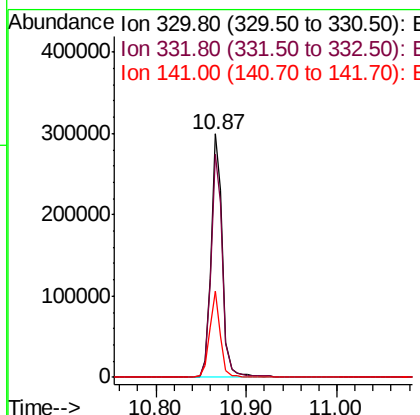
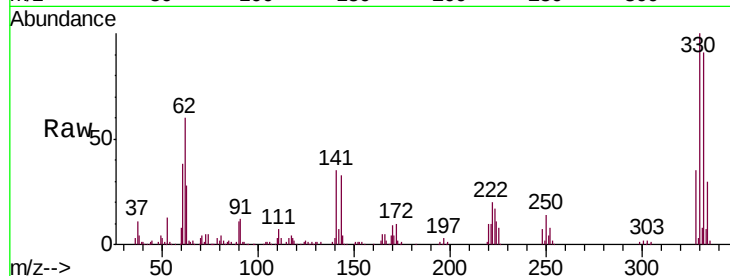




#41
 2,4,6-Tribromophenol
 Concen: 99.477 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108130.D
 Acq: 13 Aug 2018 21:37

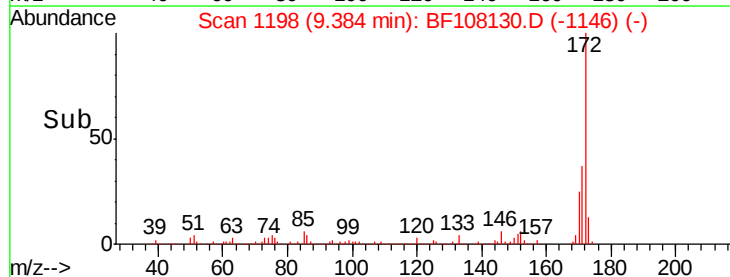
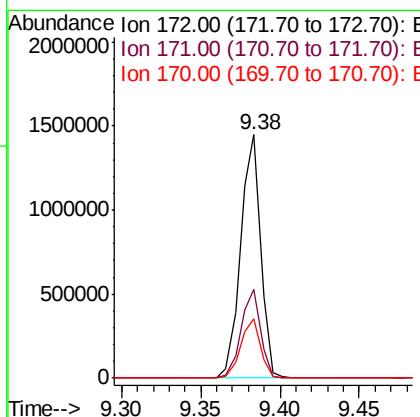
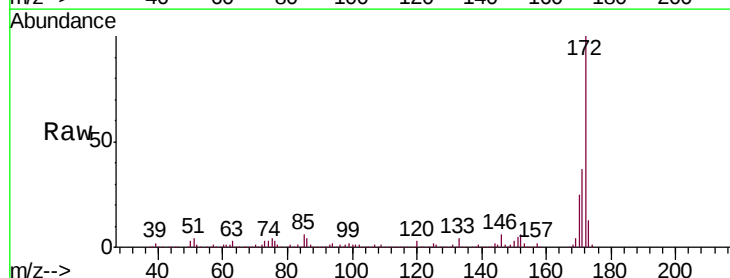
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

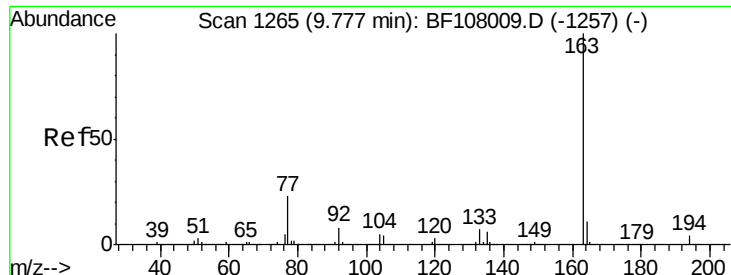
Tgt Ion: 330 Resp: 265379
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 33.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 75.850 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108130.D
 Acq: 13 Aug 2018 21:37

Tgt Ion: 172 Resp: 1263557
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 19.6 29.4

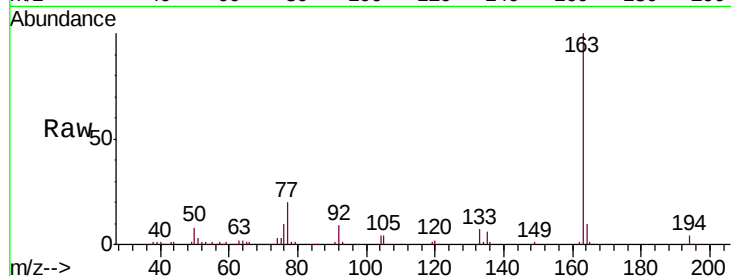




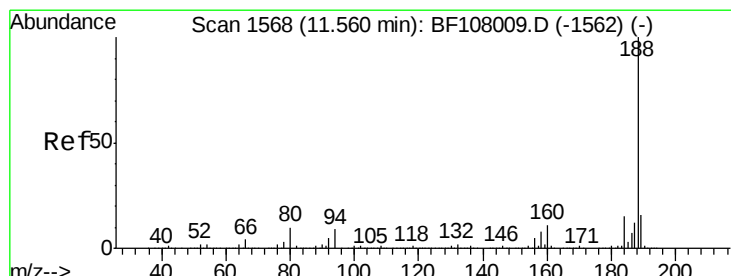
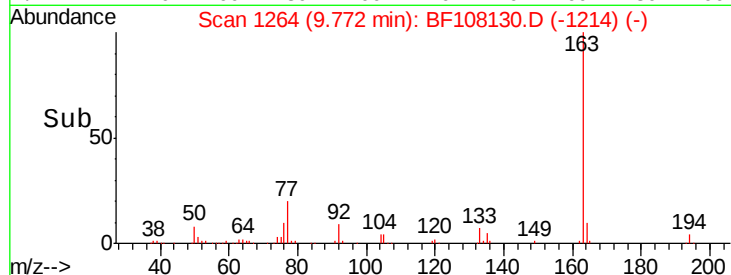
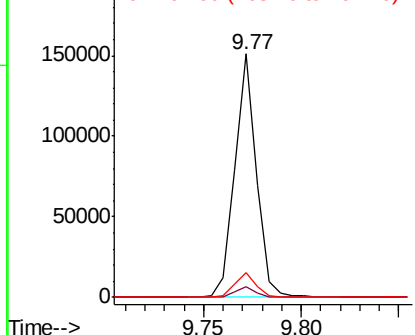
#49
Dimethylphthalate
Concen: 6.187 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Tgt Ion:163 Resp: 115266
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 8.2 12.2

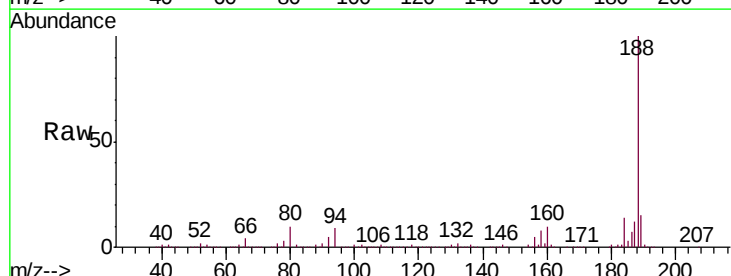


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

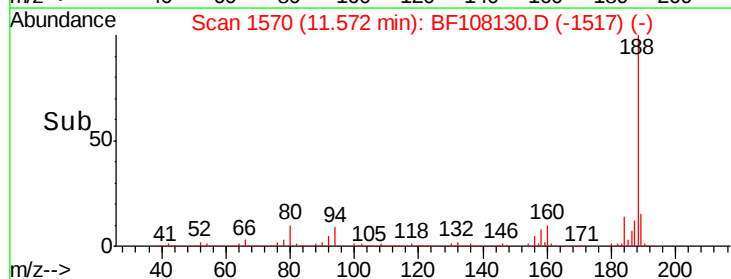
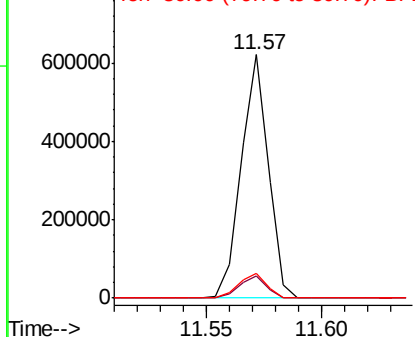


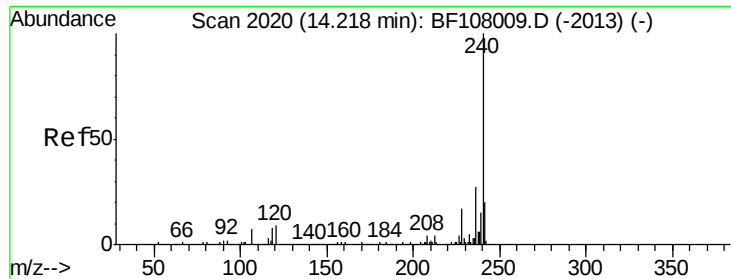
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Tgt Ion:188 Resp: 507908
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.9 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: 14.23 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

BNA_F

ClientSampleId :

SP-1-1

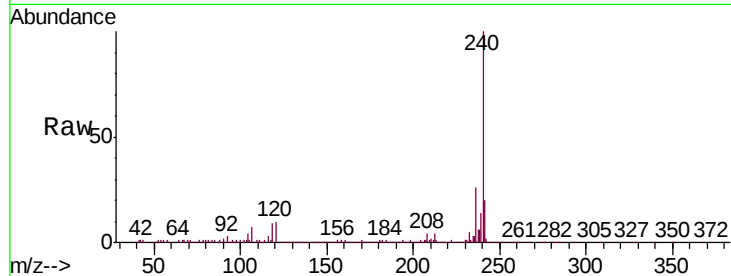
Tgt Ion:240 Resp: 426931

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

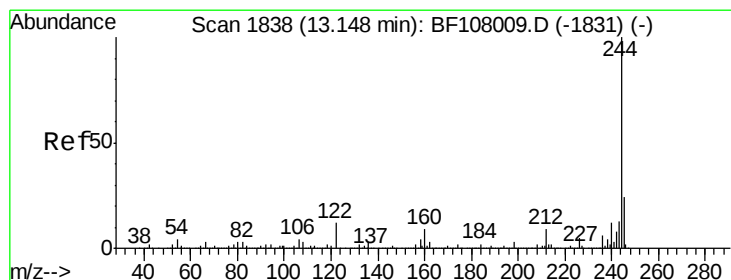
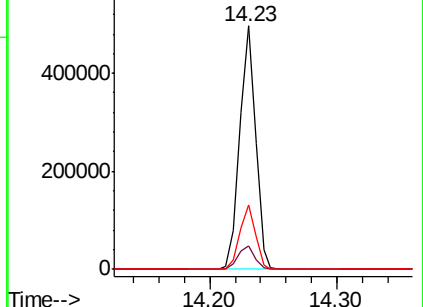
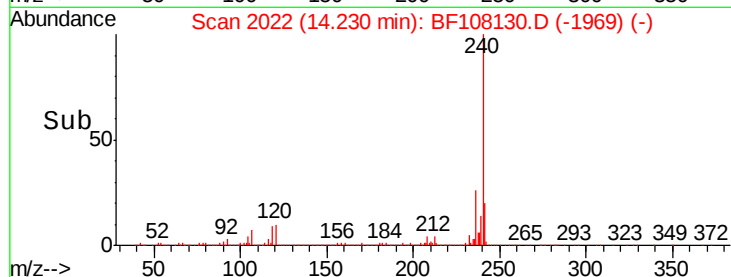
236 26.4 20.7 31.1



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: 79.772 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

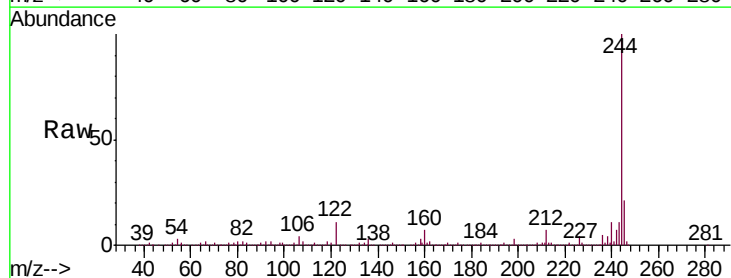
Tgt Ion:244 Resp: 1339478

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

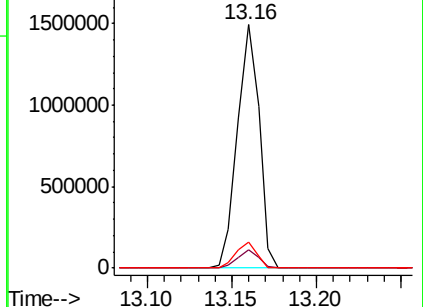
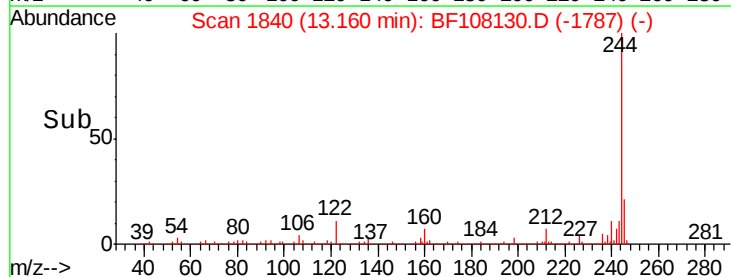
122 10.8 11.0 16.4#

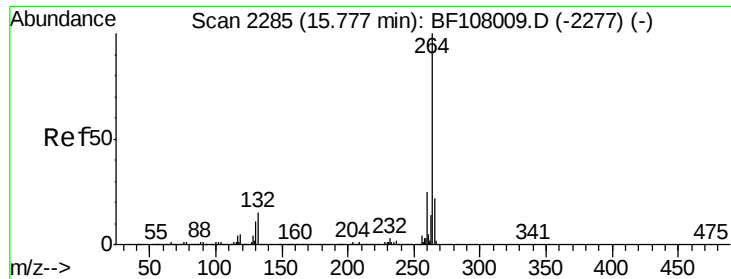


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.81 min Scan# 2290
Delta R.T. 0.03 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.1	17.5	26.3

