

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108064.D
 Acq On : 9 Aug 2018 20:34
 Operator : JU/SJ
 Sample : J4388-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1A

Quant Time: Aug 10 02:32:07 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

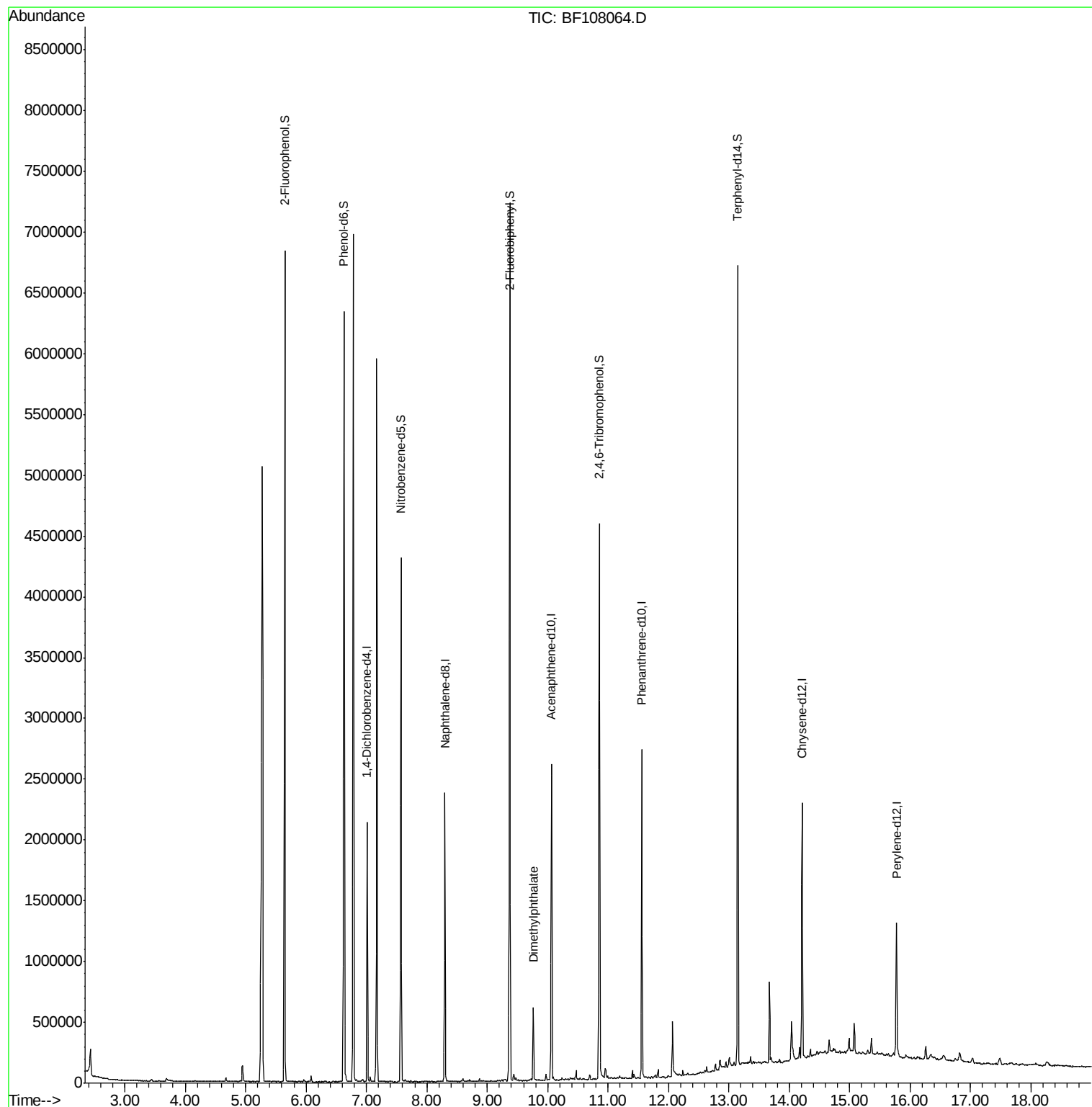
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	292743	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1115116	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	541495	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	908275	20.00	ng	0.00
75) Chrysene-d12	14.21	240	670670	20.00	ng	0.00
86) Perylene-d12	15.78	264	523920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1661921	102.78	ng	0.02
7) Phenol-d6	6.63	99	2225480	103.57	ng	0.00
23) Nitrobenzene-d5	7.58	82	1441396	72.13	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	523739	96.97	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2492667	73.90	ng	0.00
78) Terphenyl-d14	13.15	244	2039235	77.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	229843	6.093	ng	Qvalue # 99

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

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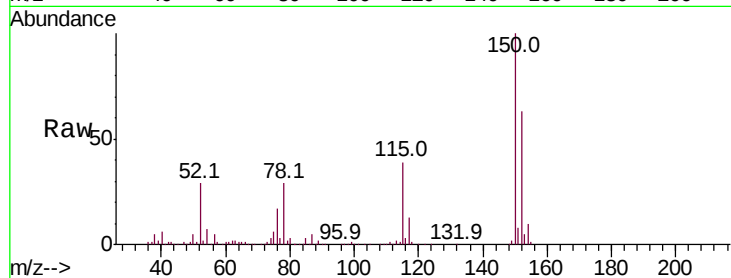


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
S-1A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.7	50.1	75.1

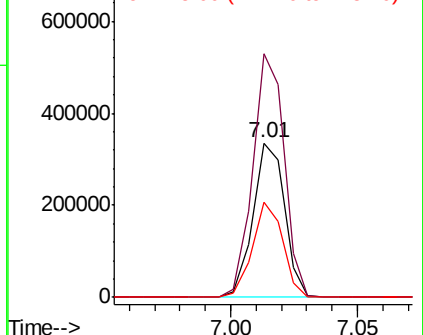
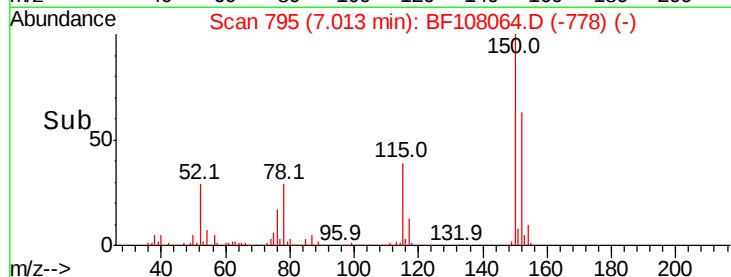


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

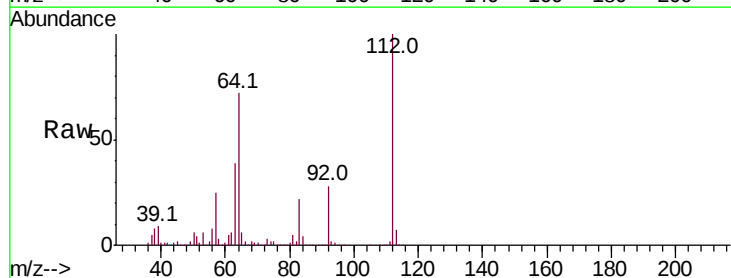
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.781 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	39.2	23.7	35.5#

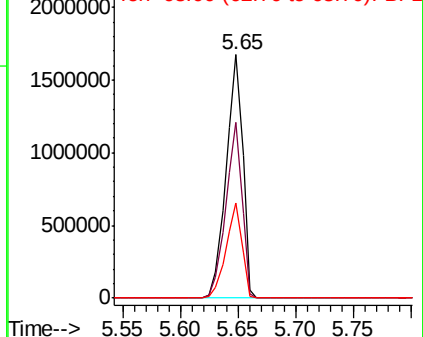
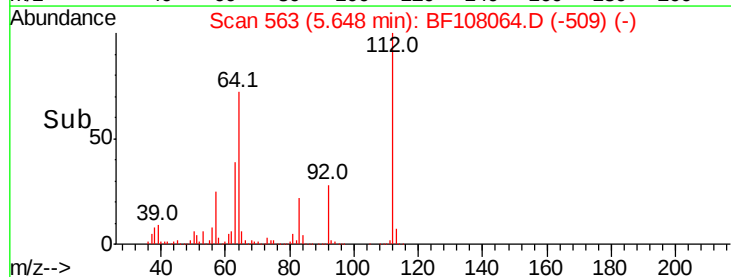


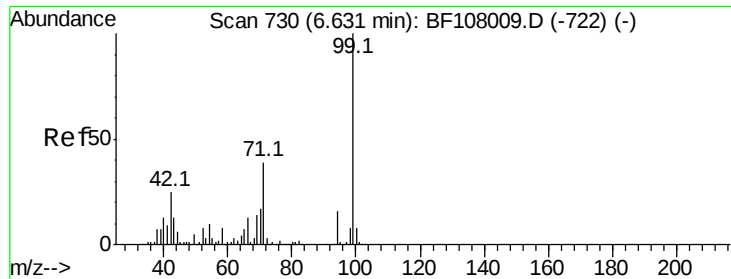
Abundance

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: 103.572 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

S-1A

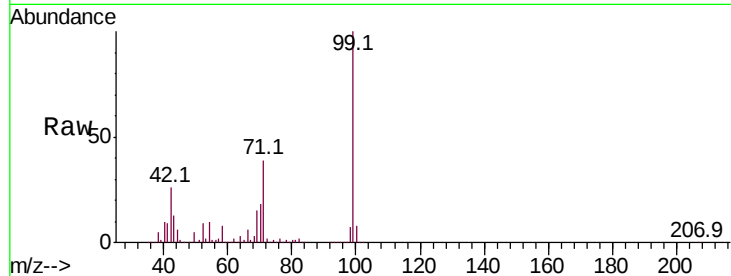
Tot Ion: 99 Resp: 2225480

Ion Ratio Lower Upper

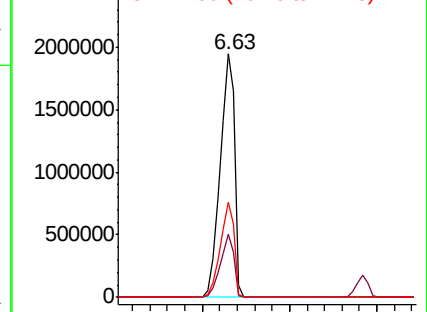
99 100

42 26.0 14.5 21.7#

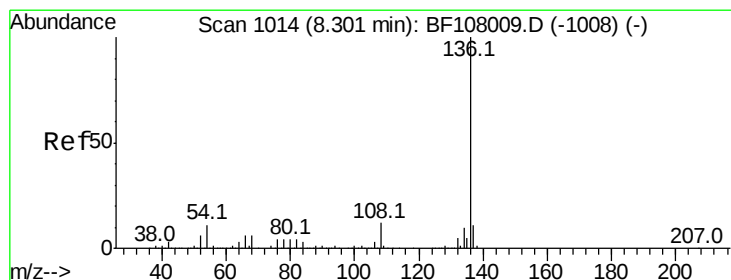
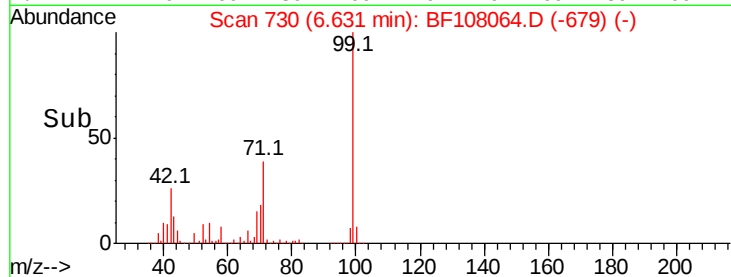
71 39.0 25.4 38.0#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Tgt Ion:136 Resp: 1115116

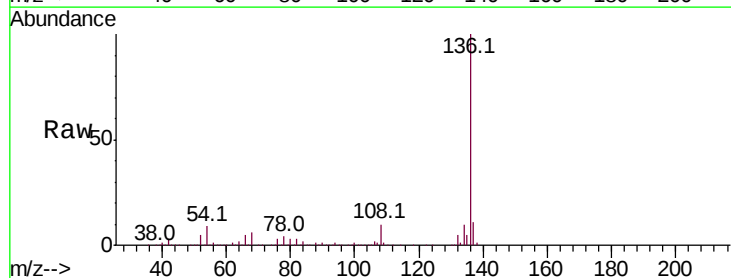
Ion Ratio Lower Upper

136 100

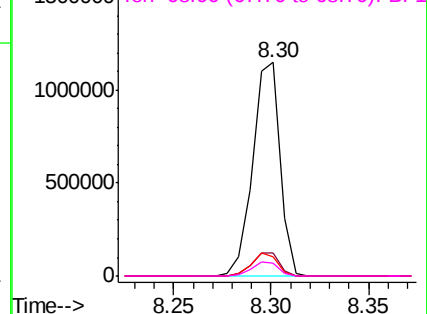
137 10.7 8.9 13.3

54 9.2 6.6 9.8

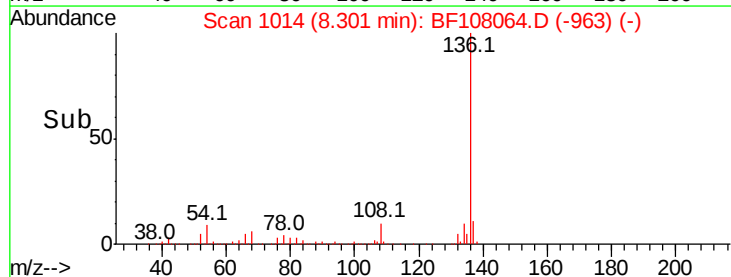
68 5.9 5.0 7.4



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



Time-->

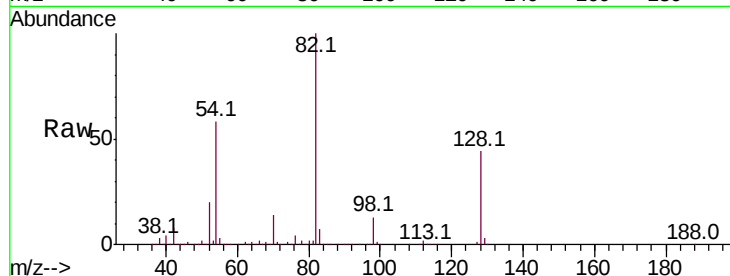




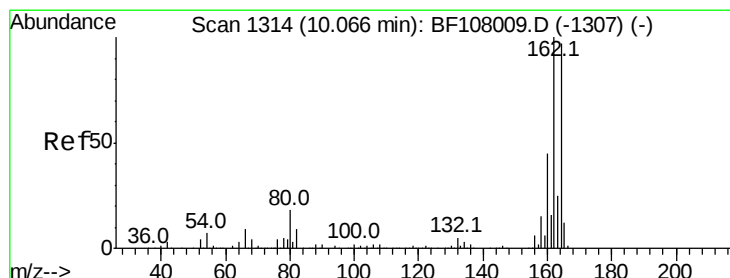
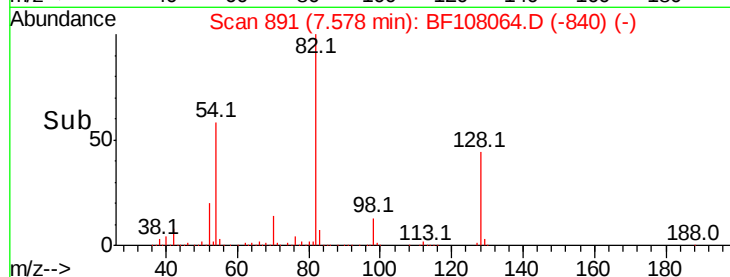
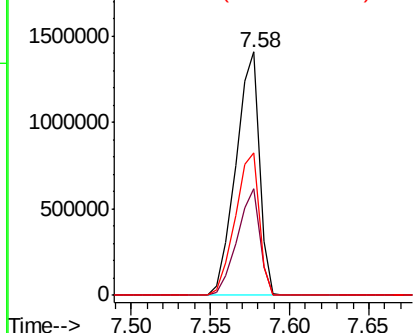
#23
Nitrobenzene-d5
Concen: 72.129 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Instrument :
BNA_F
ClientSampled :
S-1A

Tot Ion: 82 Resp: 1441396
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 58.5 41.4 62.2

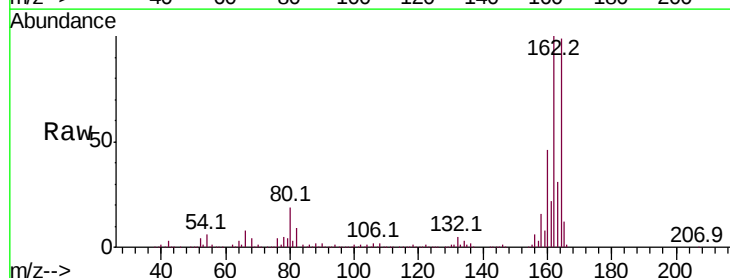


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

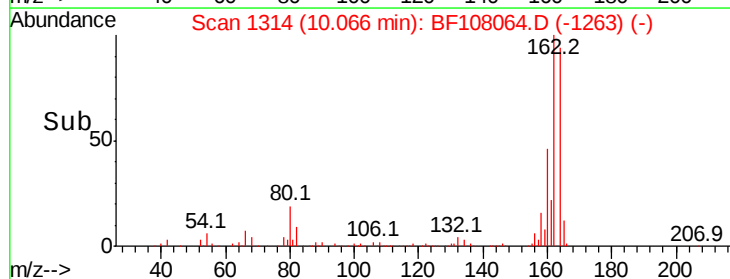
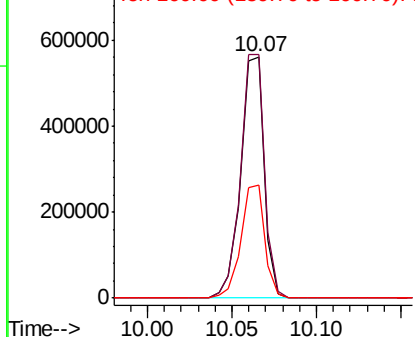


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Tgt Ion:164 Resp: 541495
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.7 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

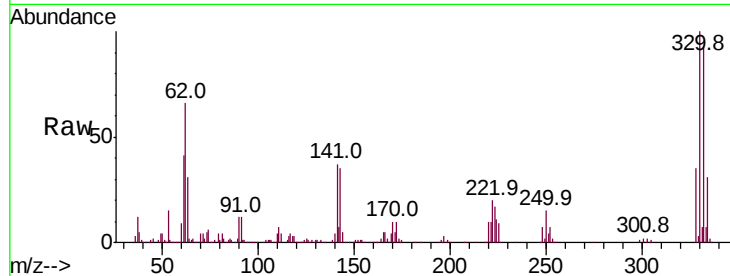




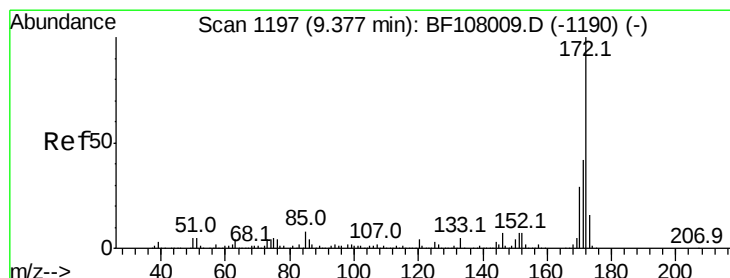
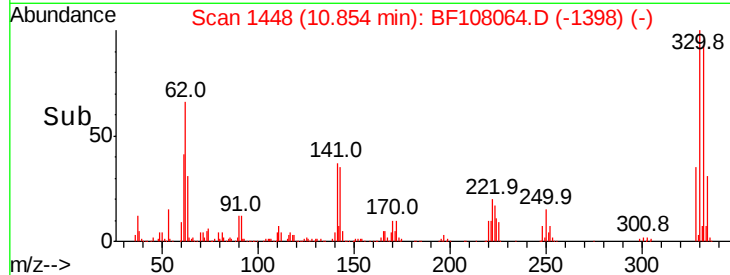
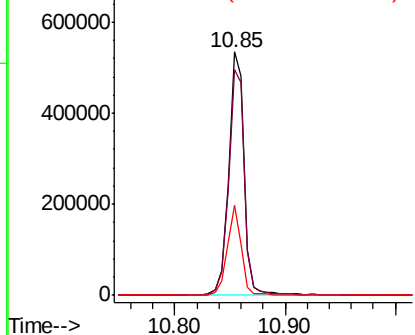
#41
 2,4,6-Tribromophenol
 Concen: 96.966 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108064.D
 Acq: 9 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 S-1A

Tot Ion:330 Resp: 523739
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 34.1 29.9 44.9

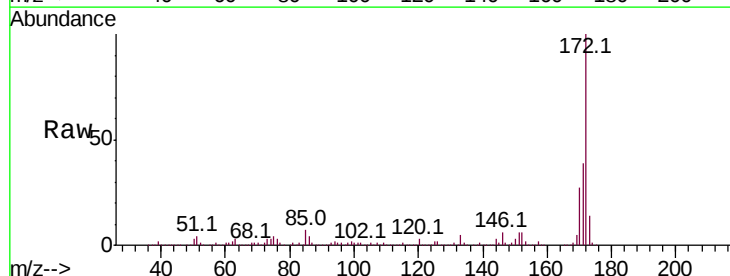


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

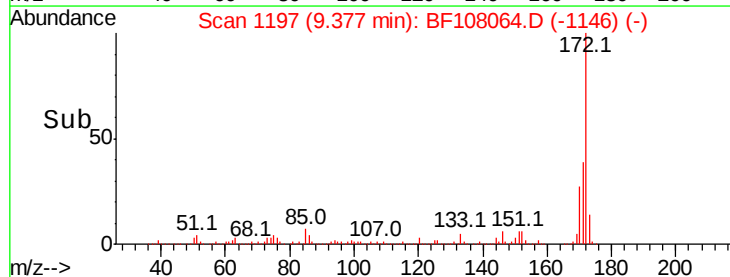
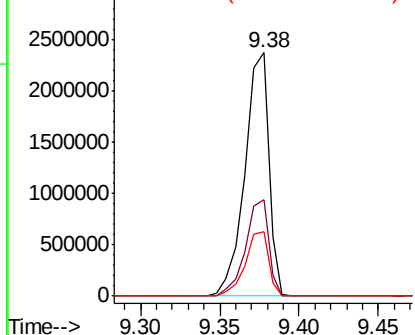


#44
 2-Fluorobiphenyl
 Concen: 73.905 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108064.D
 Acq: 9 Aug 2018 20:34

Tgt Ion:172 Resp: 2492667
 Ion Ratio Lower Upper
 172 100
 171 39.4 29.7 44.5
 170 26.6 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: 6.093 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

S-1A

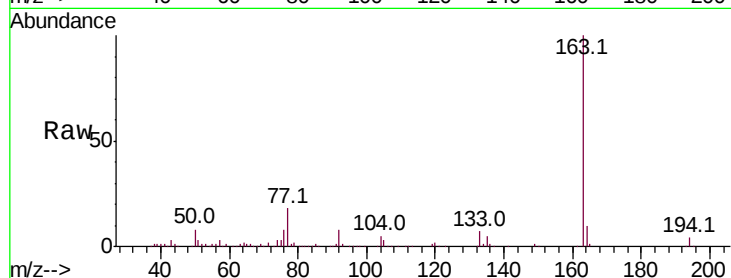
Tot Ion:163 Resp: 229843

Ion Ratio Lower Upper

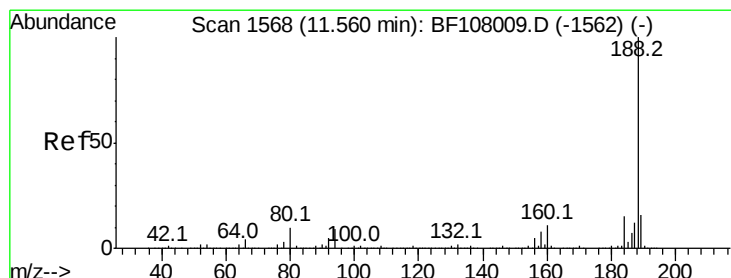
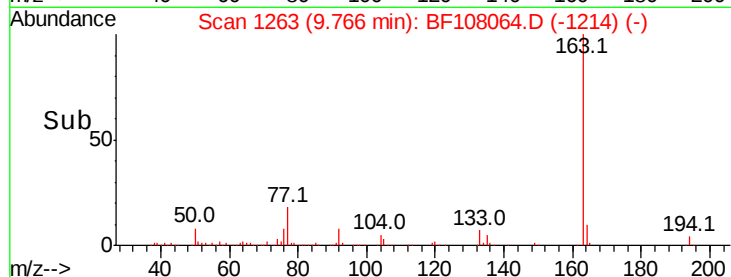
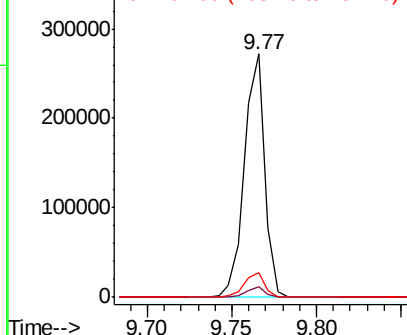
163 100

194 4.2 2.7 4.1#

164 10.4 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: 11.56 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

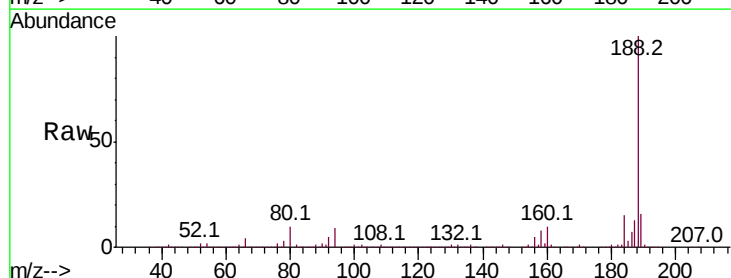
Tgt Ion:188 Resp: 908275

Ion Ratio Lower Upper

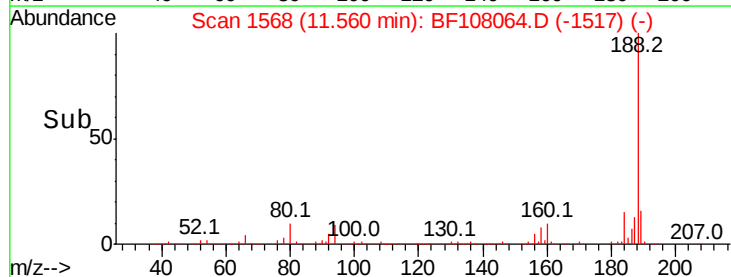
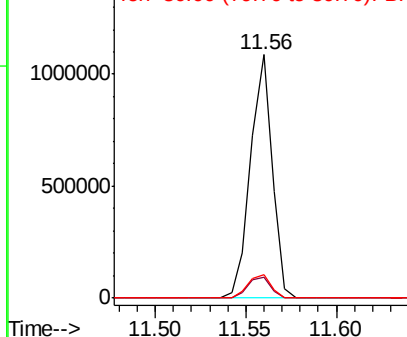
188 100

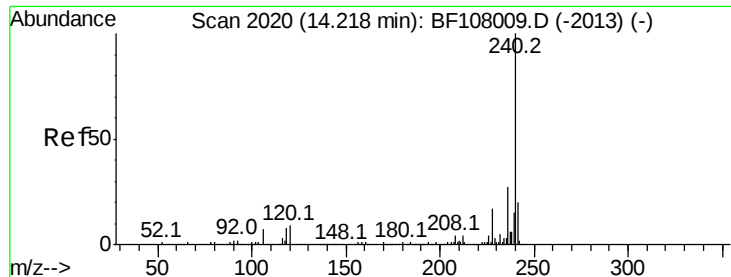
94 8.8 8.5 12.7

80 9.6 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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

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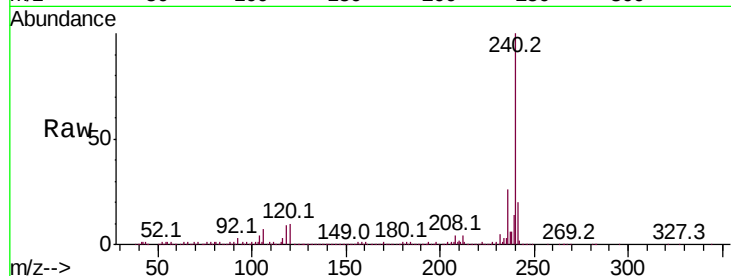
Tot Ion:240 Resp: 670670

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

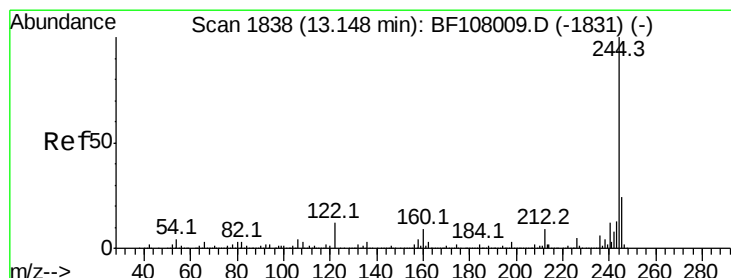
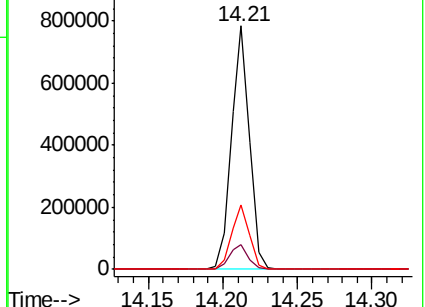
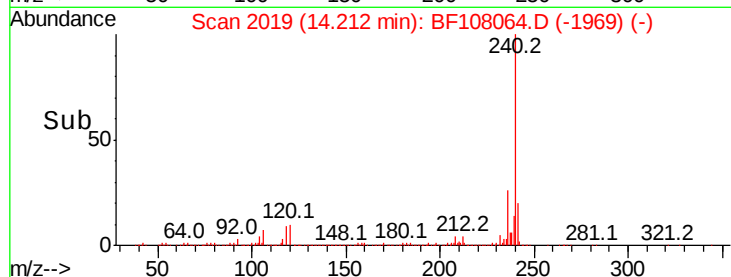
236 26.4 20.7 31.1



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: 77.309 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

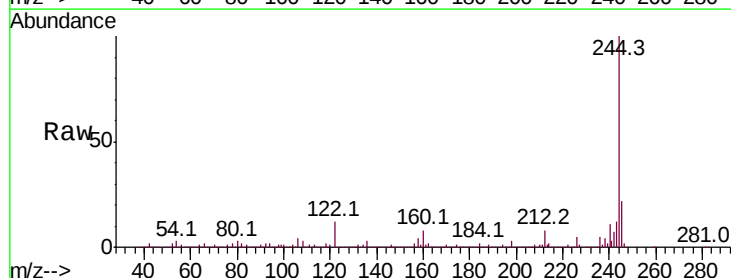
Tgt Ion:244 Resp: 2039235

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

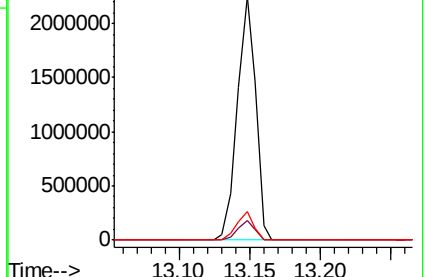
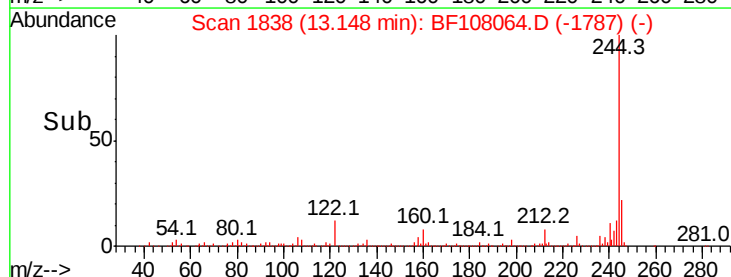
122 11.6 11.0 16.4



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: 15.78 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
S-1A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.4	17.5	26.3

