

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108126.D
 Acq On : 13 Aug 2018 19:48
 Operator : JU/SJ
 Sample : J4442-51
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-6

Quant Time: Aug 14 01:58:10 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

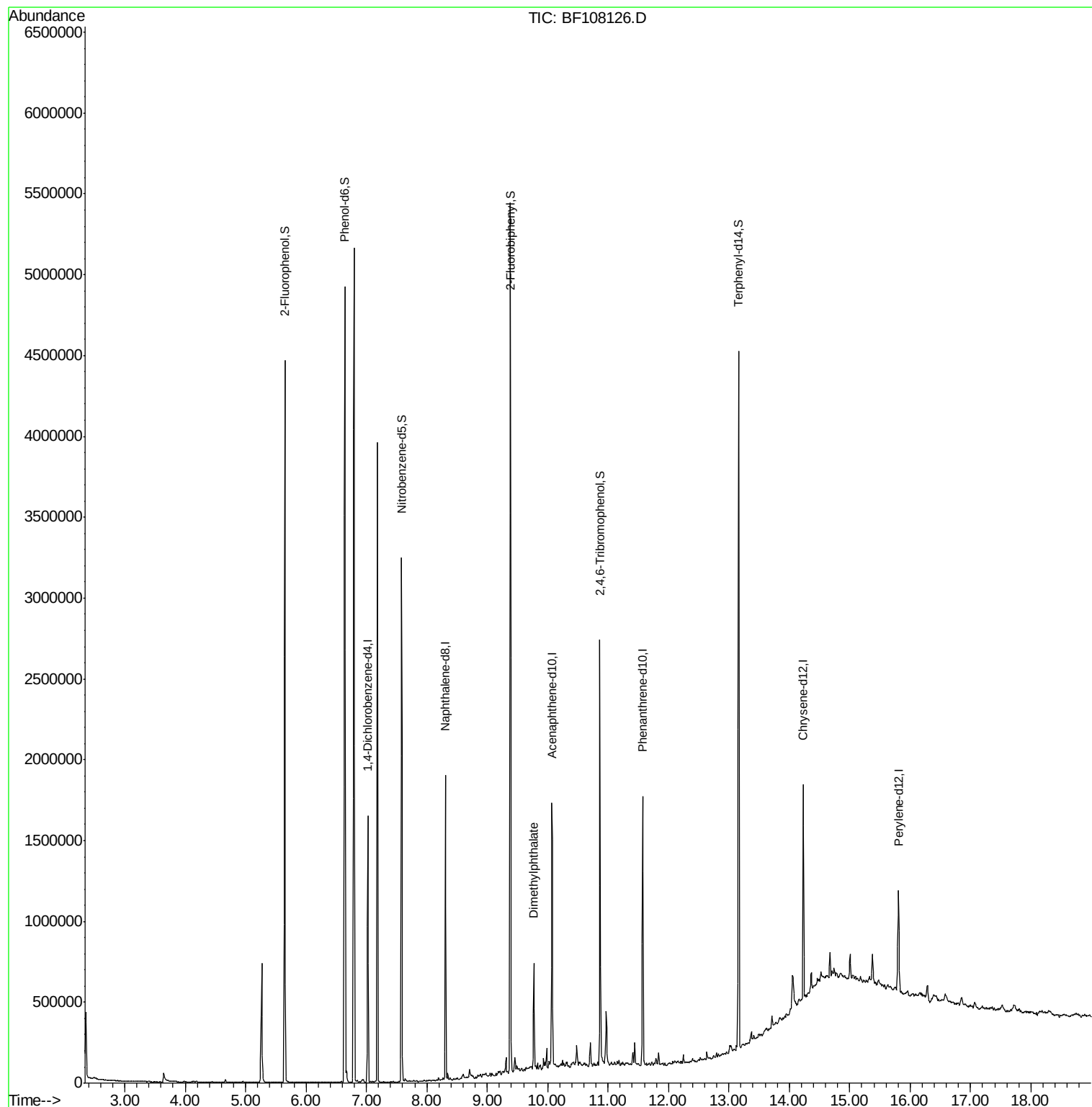
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	206686	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	717895	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	310506	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	573409	20.00	ng	0.01
75) Chrysene-d12	14.23	240	452125	20.00	ng	0.01
86) Perylene-d12	15.81	264	300504	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1195321	104.70	ng	0.02
7) Phenol-d6	6.64	99	1571903	103.61	ng	0.01
23) Nitrobenzene-d5	7.58	82	987561	76.76	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	320395	103.45	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1552916	80.29	ng	0.00
78) Terphenyl-d14	13.16	244	1502425	84.49	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	148460	6.864	ng	Qvalue # 98

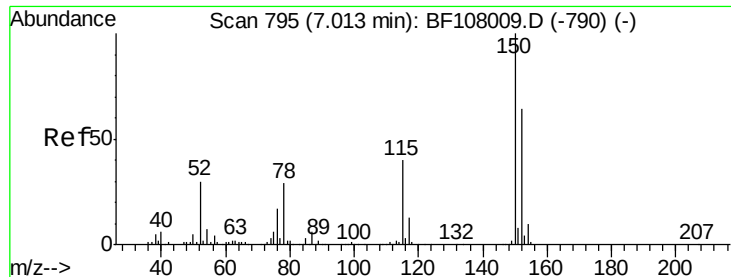
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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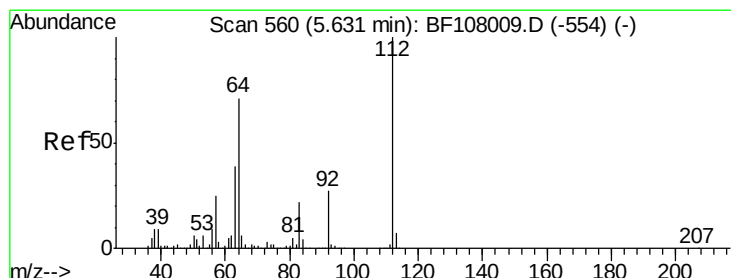
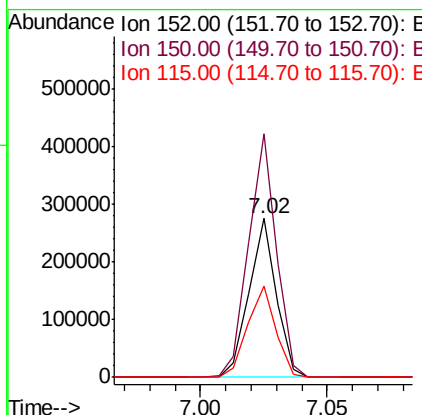
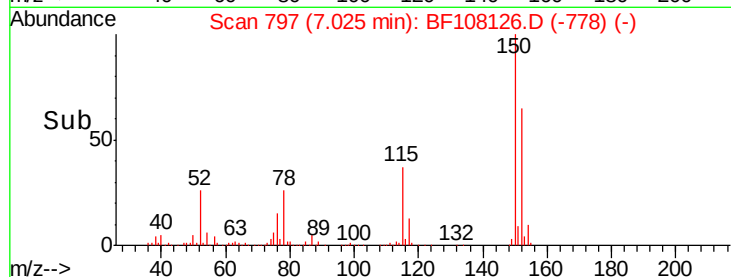
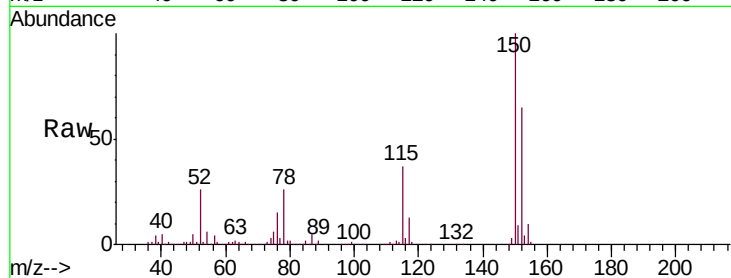


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-1-6

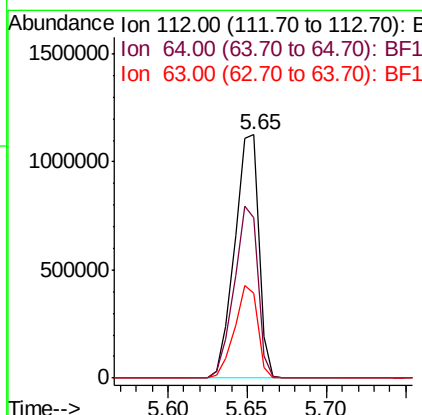
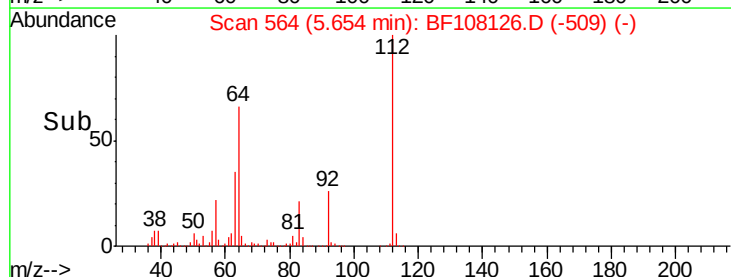
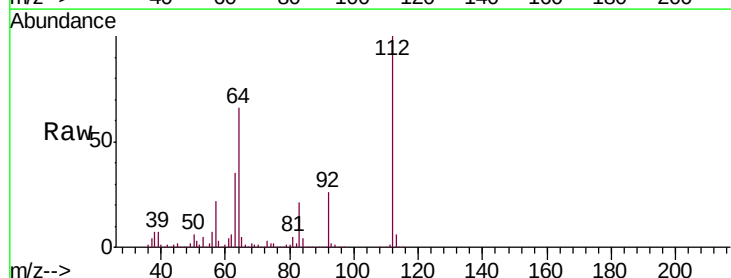
Tgt Ion:152 Resp: 206686
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 57.1 50.1 75.1

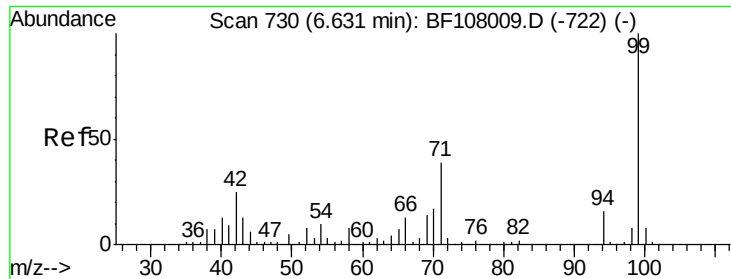


#5

2-Fluorophenol
Concen: 104.703 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Tgt Ion:112 Resp: 1195321
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 35.1 23.7 35.5





#7

Phenol-d6

Concen: 103.615 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

Instrument :

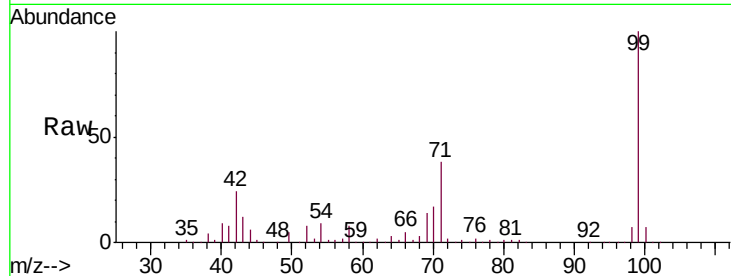
BNA_F

ClientSampleId :

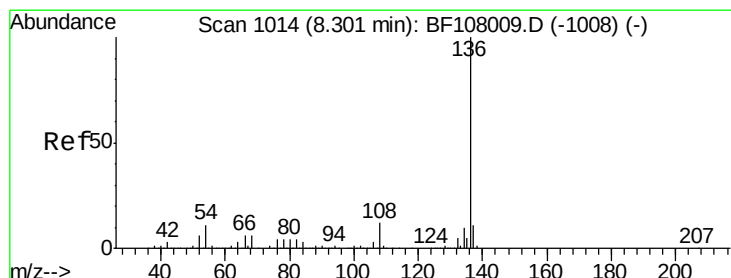
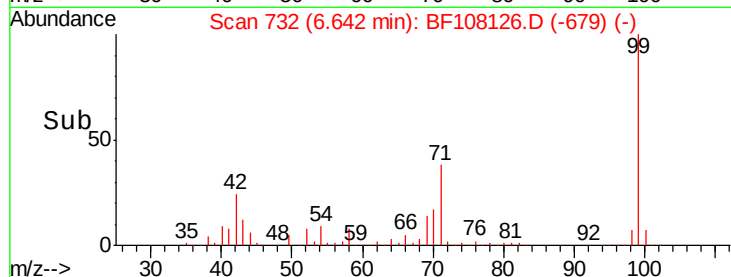
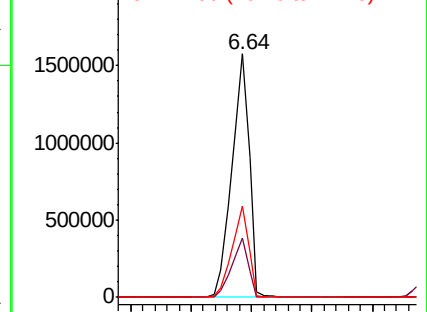
SP-1-6

Tgt Ion: 99 Resp: 1571903

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.5	21.7#
71	37.5	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: 8.31 min Scan# 1015

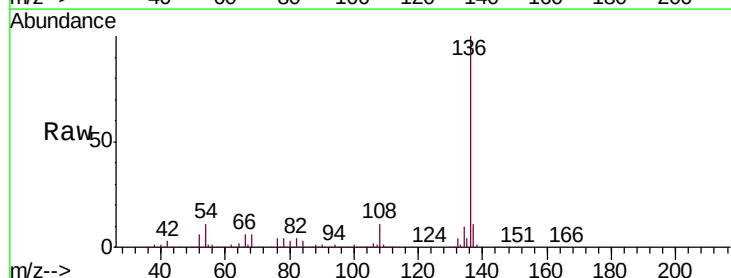
Delta R.T. 0.01 min

Lab File: BF108126.D

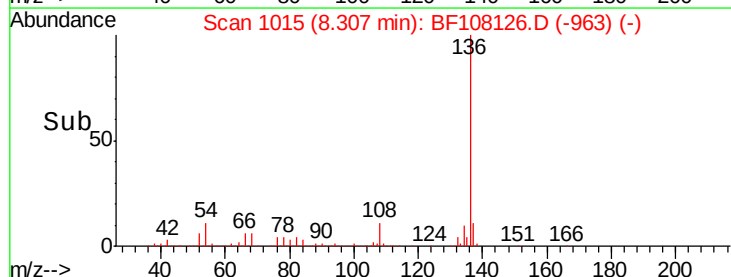
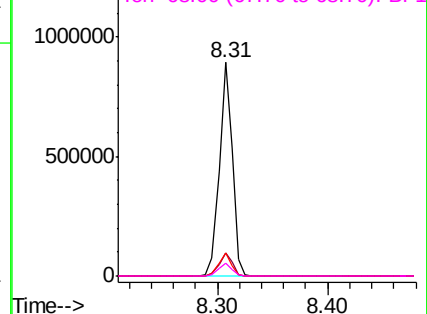
Acq: 13 Aug 2018 19:48

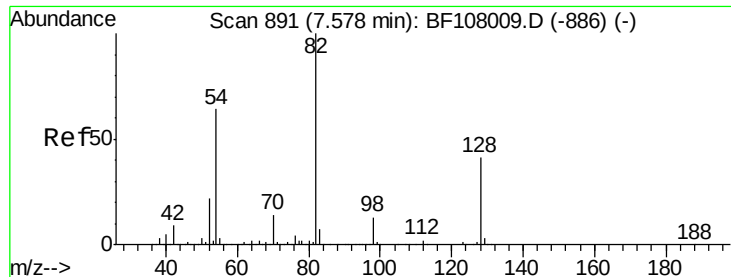
Tgt Ion: 136 Resp: 717895

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.6	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

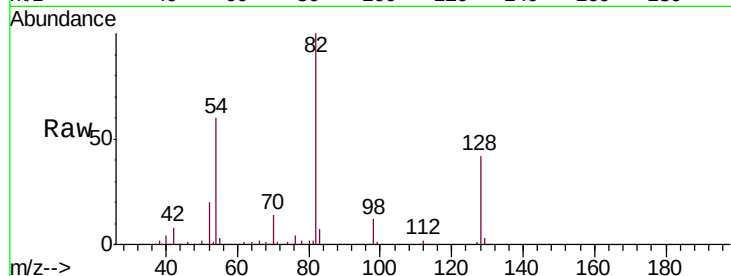




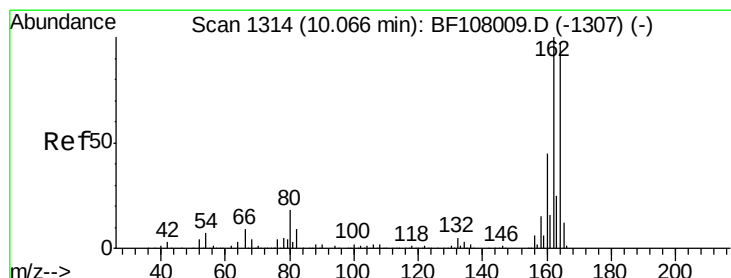
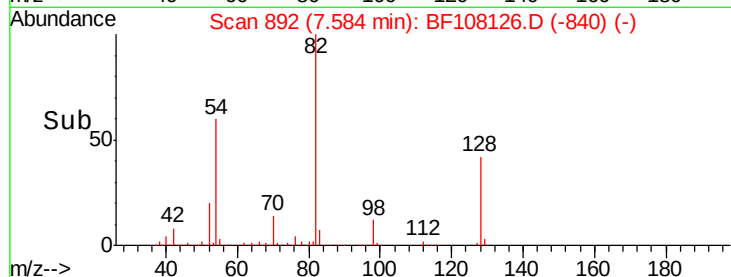
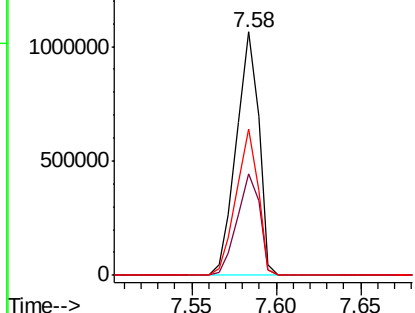
#23
Nitrobenzene-d5
Concen: 76.762 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-1-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	60.1	41.4	62.2

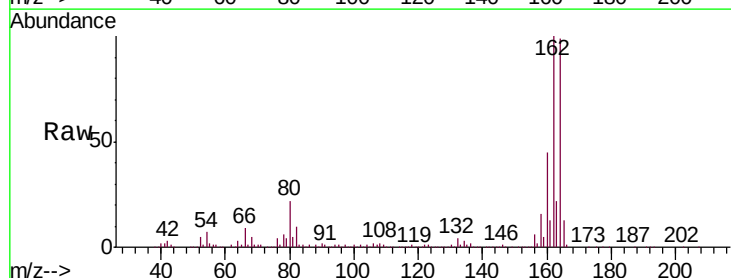


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

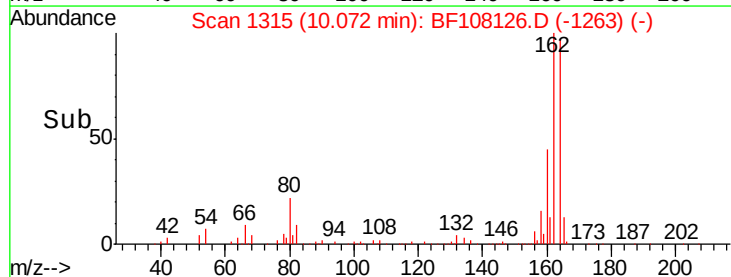
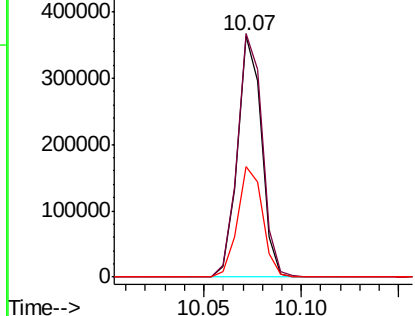


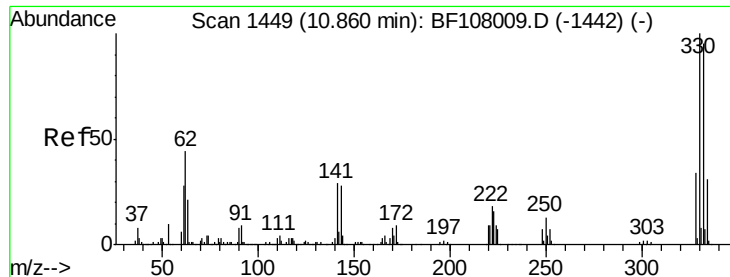
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.7	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

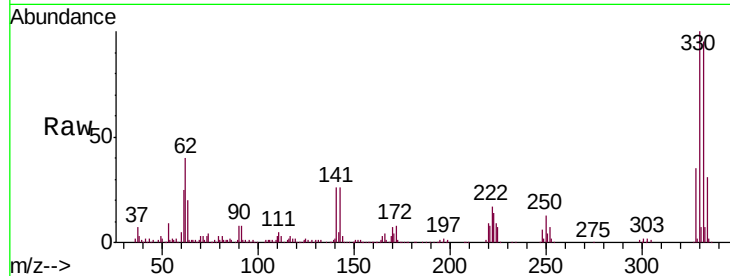




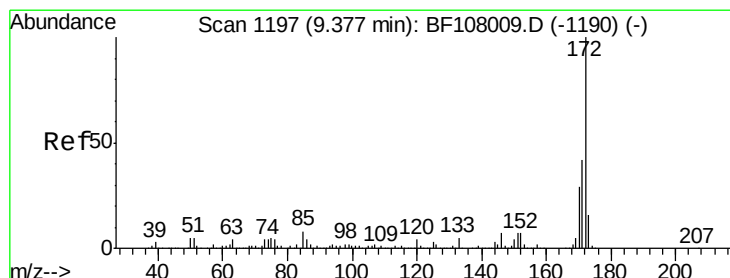
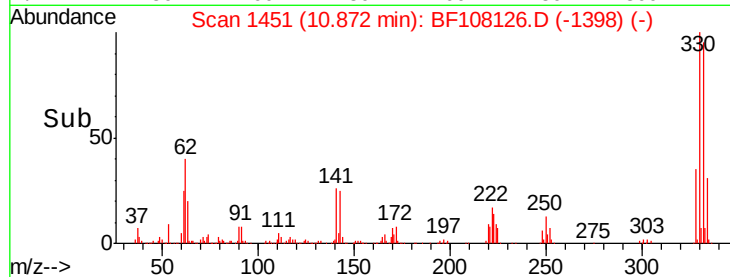
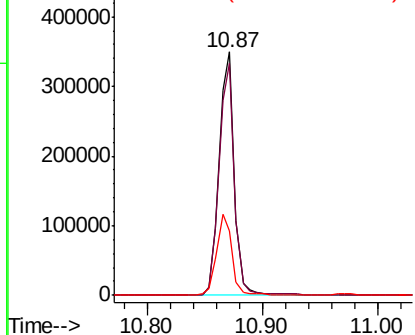
#41
 2,4,6-Tribromophenol
 Concen: 103.446 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.9	29.9	44.9

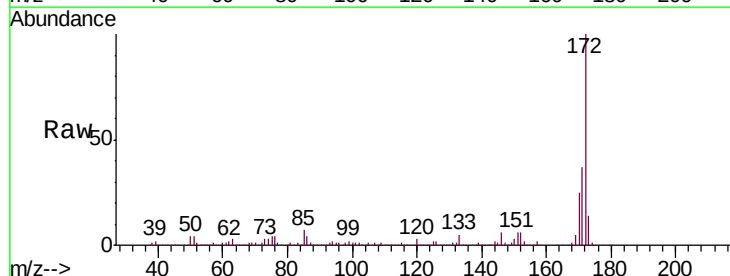


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

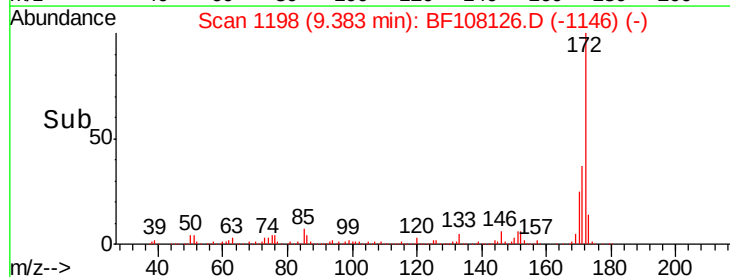
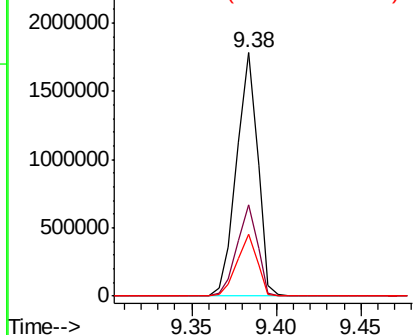


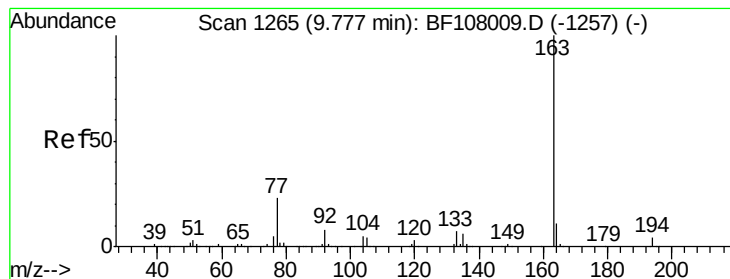
#44
 2-Fluorobiphenyl
 Concen: 80.293 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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: 6.864 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

Instrument :

BNA_F

ClientSampleId :

SP-1-6

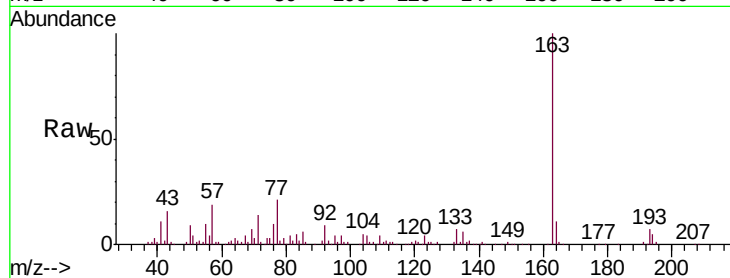
Tgt Ion:163 Resp: 148460

Ion Ratio Lower Upper

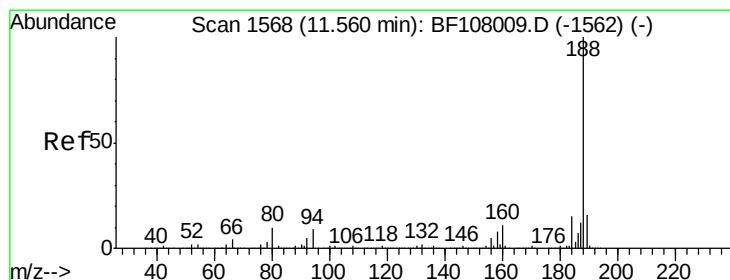
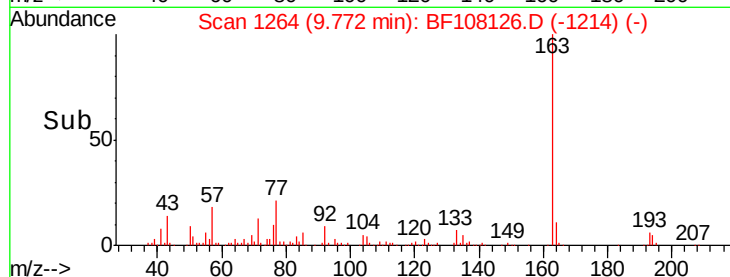
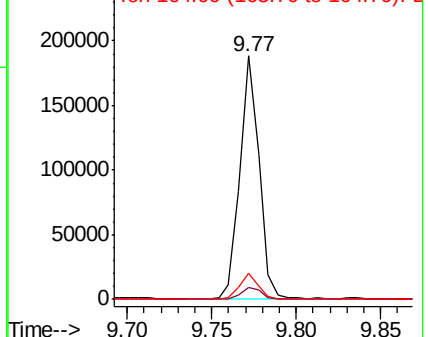
163 100

194 5.2 2.7 4.1#

164 10.6 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: BF108126.D

Acq: 13 Aug 2018 19:48

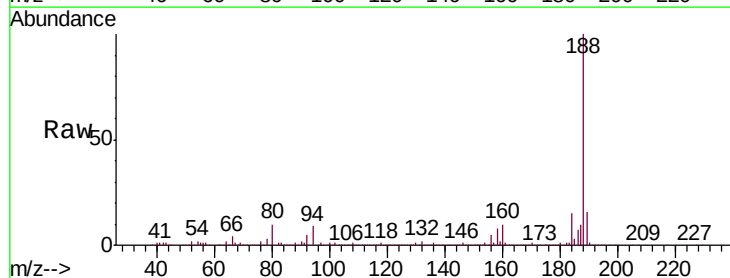
Tgt Ion:188 Resp: 573409

Ion Ratio Lower Upper

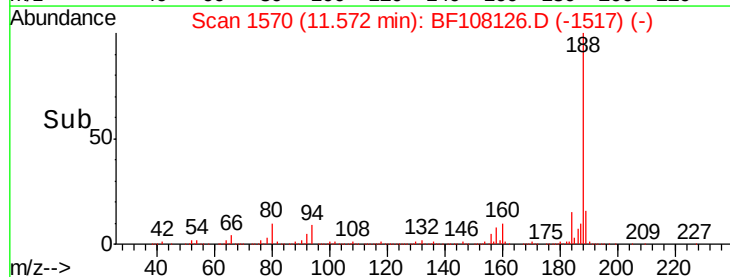
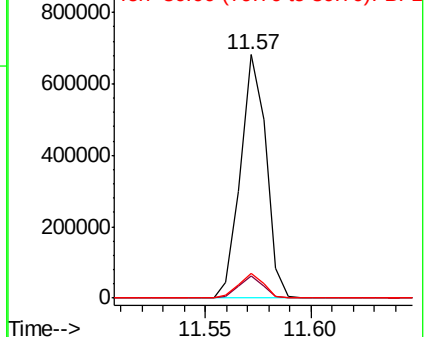
188 100

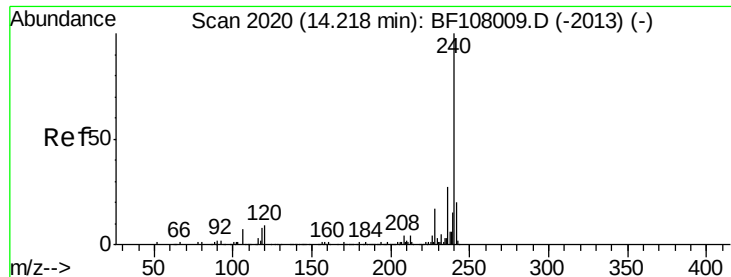
94 9.1 8.5 12.7

80 10.1 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: BF108126.D

Acq: 13 Aug 2018 19:48

Instrument :

BNA_F

ClientSampleId :

SP-1-6

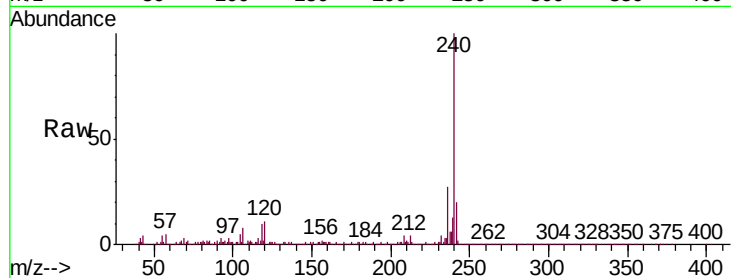
Tgt Ion:240 Resp: 452125

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

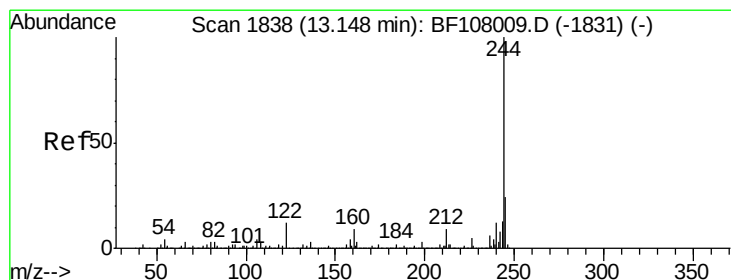
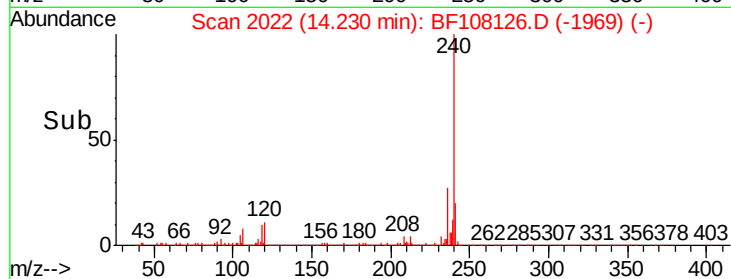
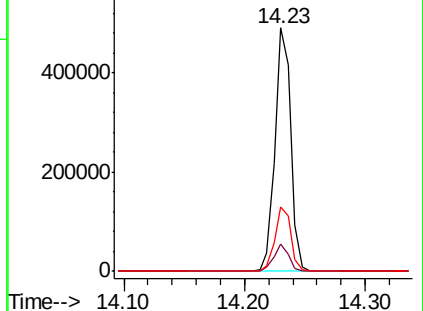
236 26.6 20.7 31.1



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: 84.490 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

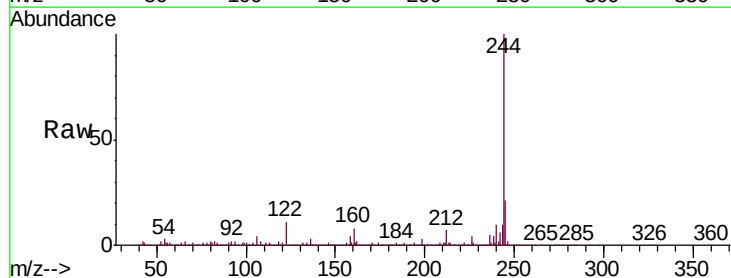
Tgt Ion:244 Resp: 1502425

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

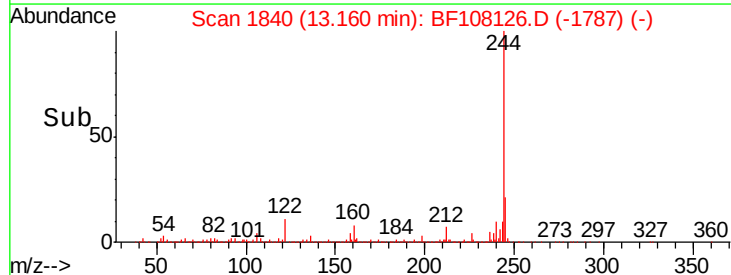
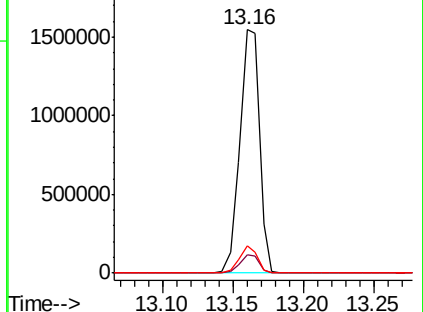
122 11.0 11.0 16.4

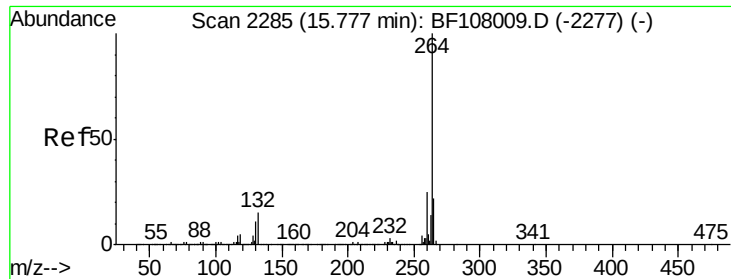


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2291
Delta R.T. 0.04 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-1-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3

