

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108161.D
 Acq On : 15 Aug 2018 13:10
 Operator : JU/SJ
 Sample : J4447-26
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-9

Quant Time: Aug 15 14:07:47 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

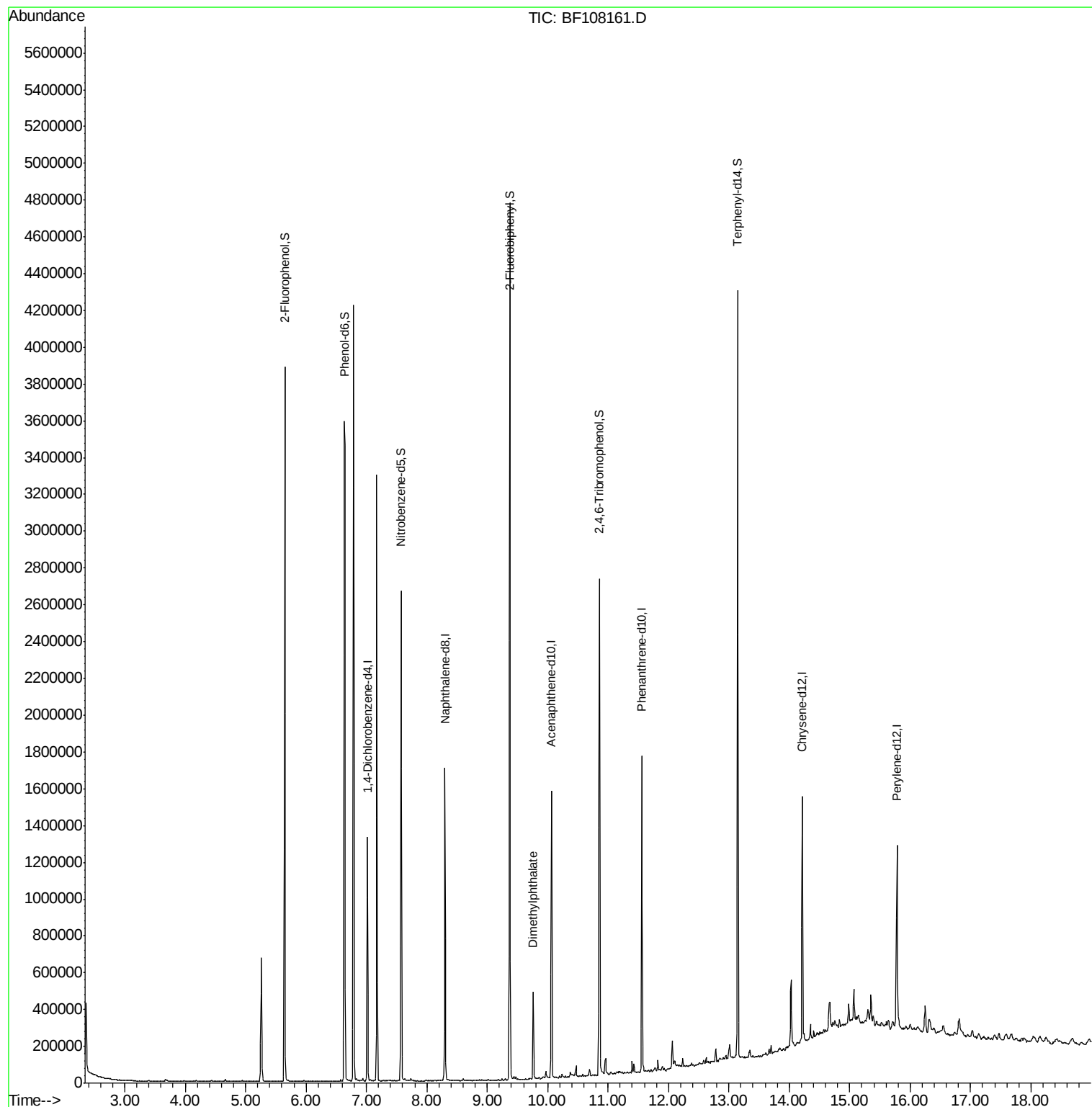
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	177969	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	664829	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	330255	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	578536	20.00	ng	0.00
75) Chrysene-d12	14.21	240	456506	20.00	ng	0.00
86) Perylene-d12	15.78	264	483509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	948354	96.47	ng	0.02
7) Phenol-d6	6.64	99	1279073	97.92	ng	0.00
23) Nitrobenzene-d5	7.58	82	843214	70.77	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	339166	102.96	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1559589	75.82	ng	0.00
78) Terphenyl-d14	13.15	244	1395844	77.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	188392	8.189	ng	Qvalue 99

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

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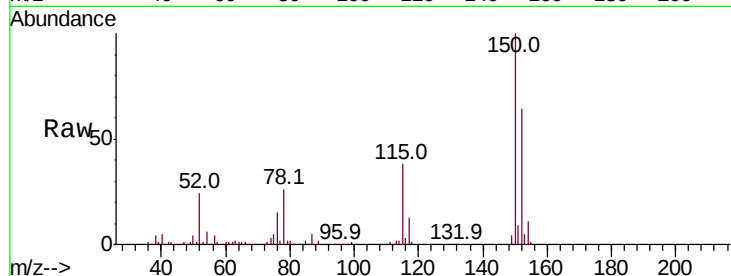


#1

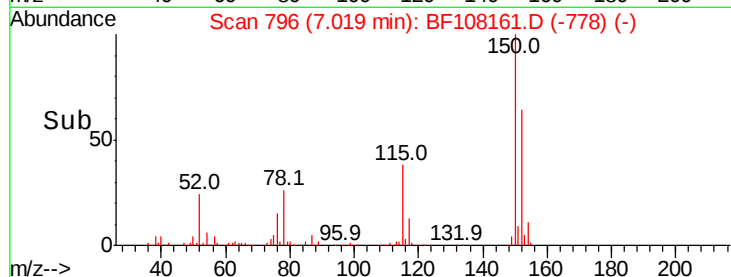
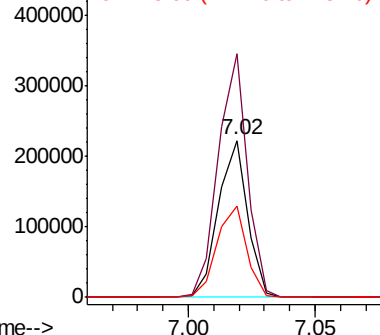
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampled :
SP-1-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	58.4	50.1	75.1



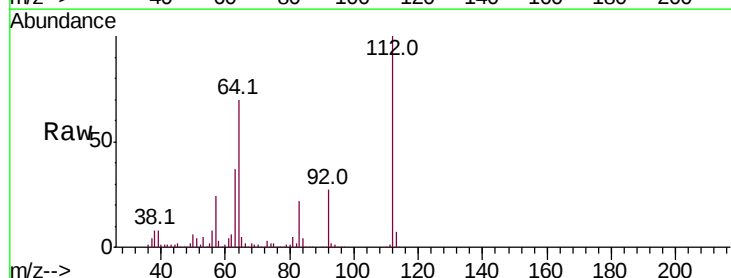
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



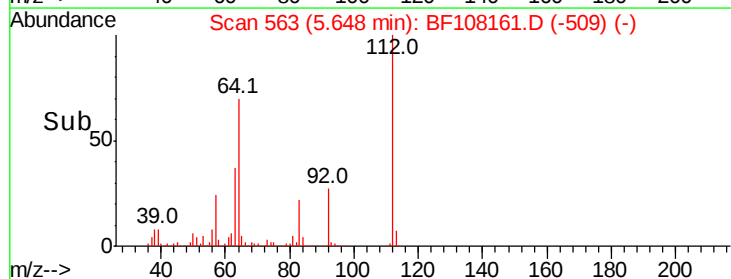
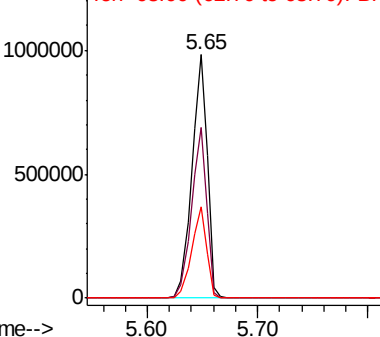
#5

2-Fluorophenol
Concen: 96.475 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	37.4	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: 97.917 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108161.D

Acq: 15 Aug 2018 13:10

Instrument :

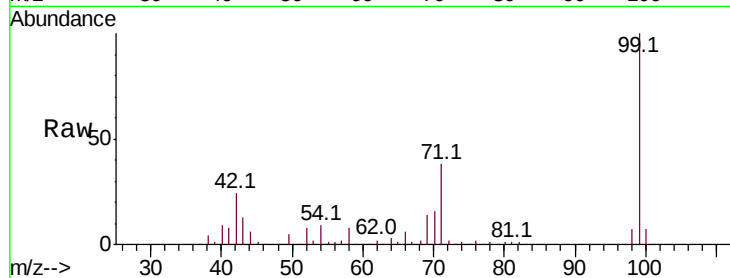
BNA_F

ClientSampleId :

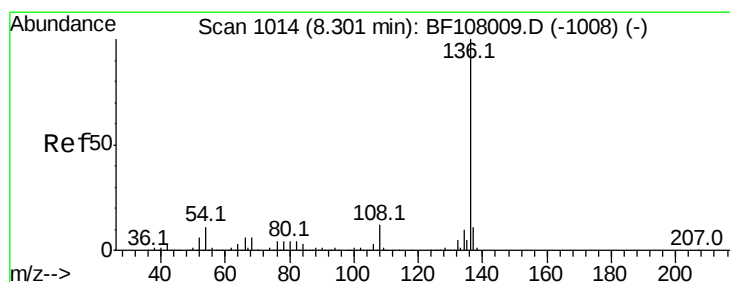
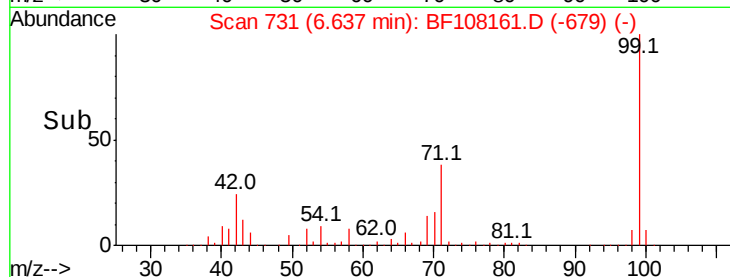
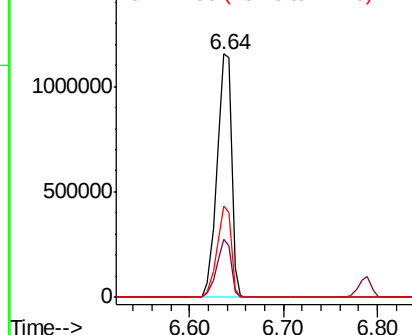
SP-1-9

Tot Ion: 99 Resp: 1279073

Ion	Ratio	Lower	Upper
99	100		
42	23.8	14.5	21.7#
71	37.7	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: 8.30 min Scan# 1014

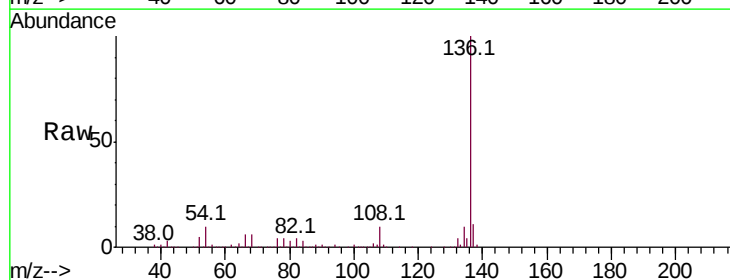
Delta R.T. 0.00 min

Lab File: BF108161.D

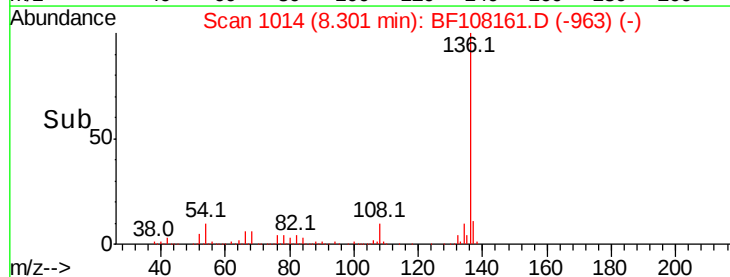
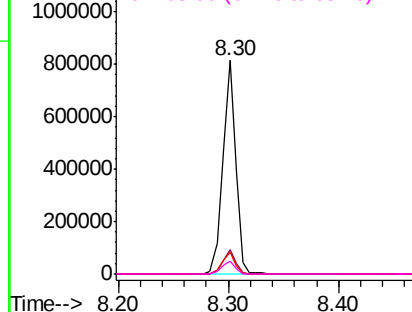
Acq: 15 Aug 2018 13:10

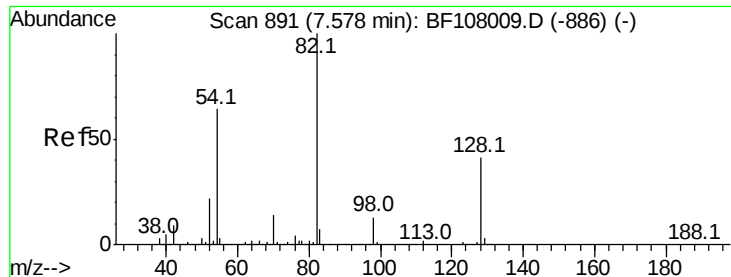
Tgt Ion: 136 Resp: 664829

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	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

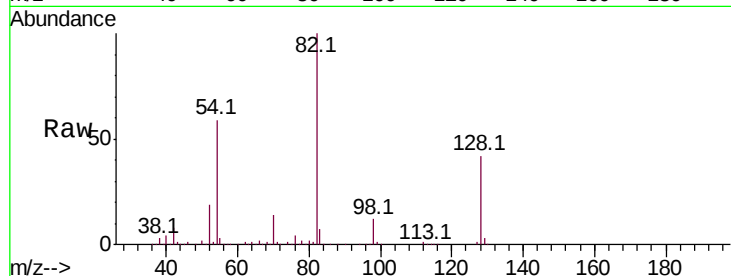




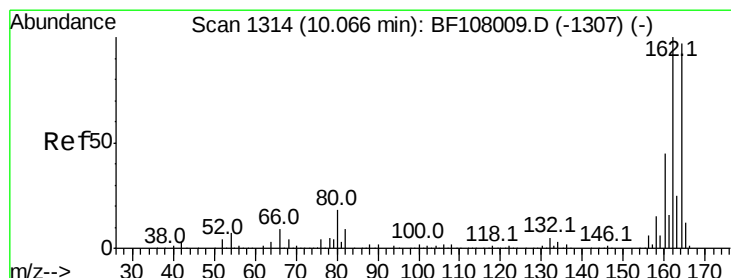
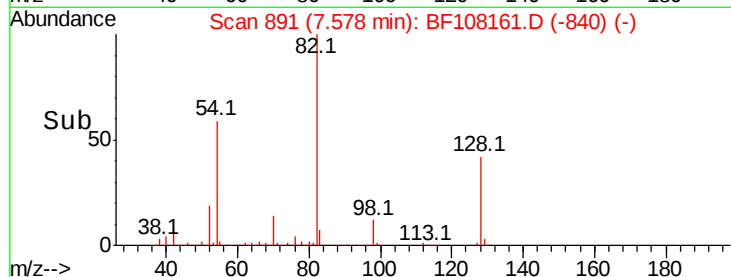
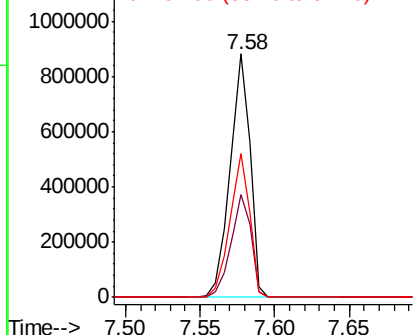
#23
Nitrobenzene-d5
Concen: 70.774 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :
SP-1-9

Tot Ion	82	Resp	843214
Ion Ratio	Lower	Upper	
82	100		
128	42.1	36.1	54.1
54	59.1	41.4	62.2

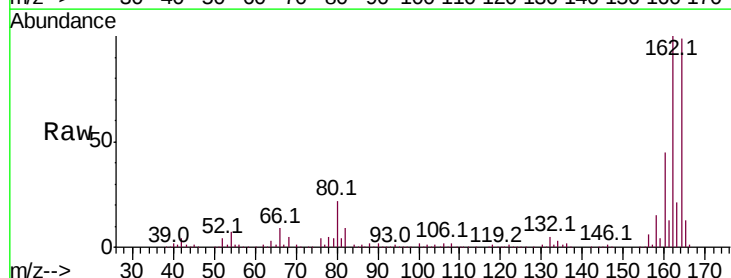


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

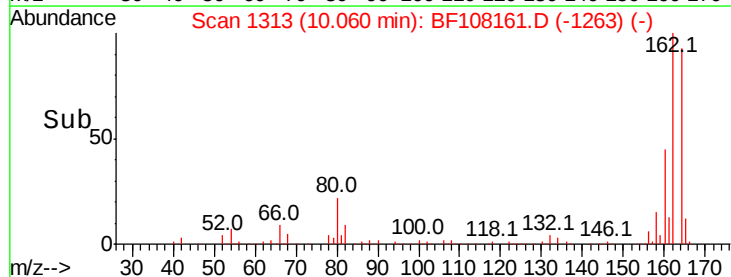
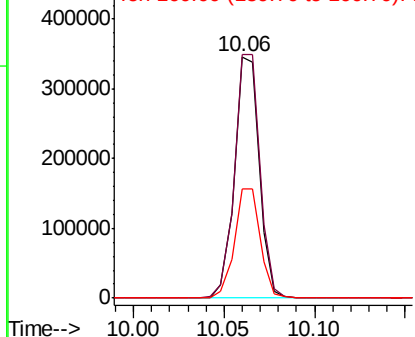


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion	164	Resp	330255
Ion Ratio	Lower	Upper	
164	100		
162	101.0	86.1	129.1
160	45.1	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

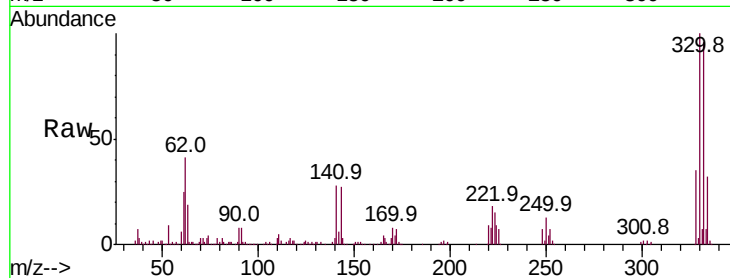




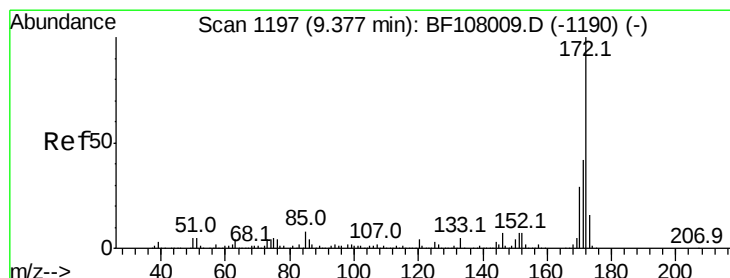
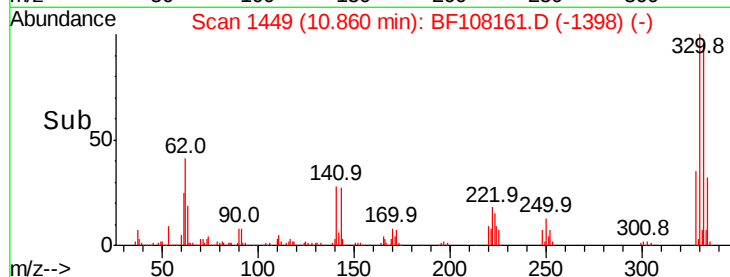
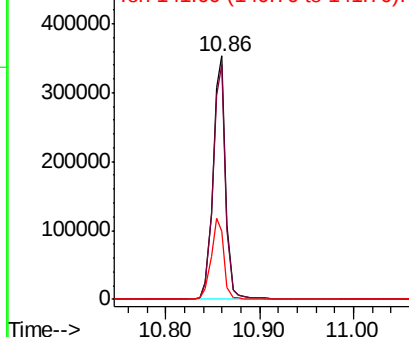
#41
 2,4,6-Tribromophenol
 Concen: 102.958 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108161.D
 Acq: 15 Aug 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.7	29.9	44.9

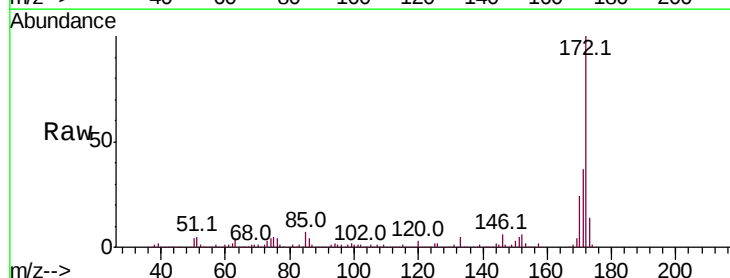


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

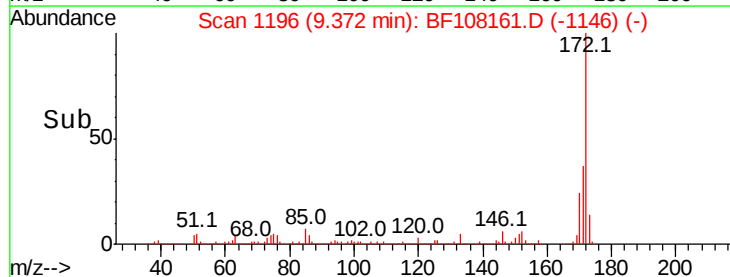
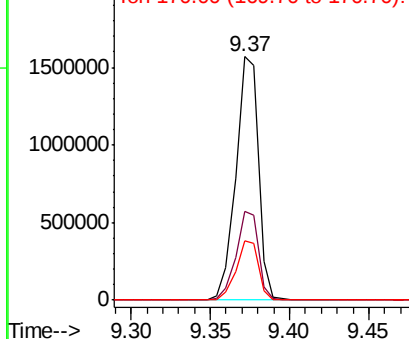


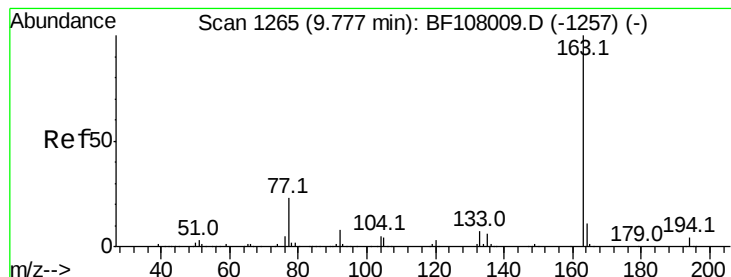
#44
 2-Fluorobiphenyl
 Concen: 75.816 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108161.D
 Acq: 15 Aug 2018 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	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: 8.189 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108161.D

Acq: 15 Aug 2018 13:10

Instrument :

BNA_F

ClientSampled :

SP-1-9

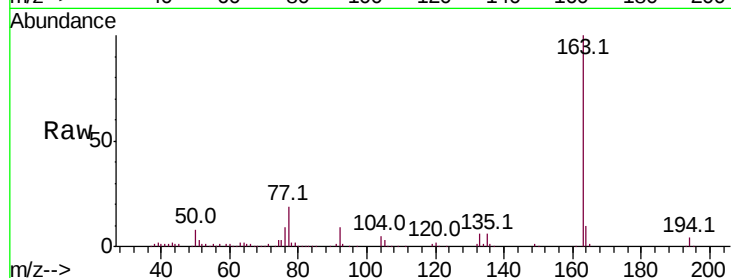
Tot Ion:163 Resp: 188392

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

164 9.9 8.2 12.2

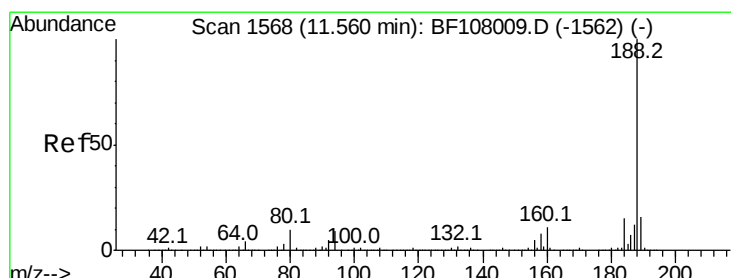
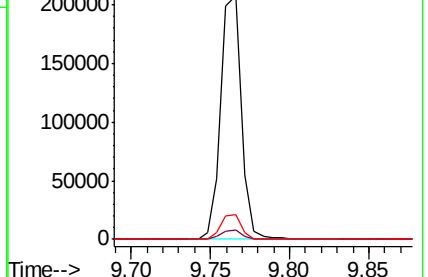
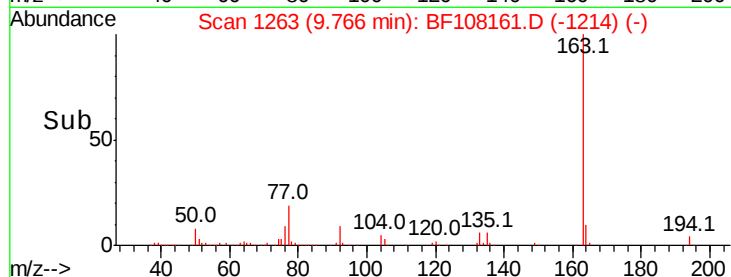


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 9.70 9.75 9.80 9.85



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108161.D

Acq: 15 Aug 2018 13:10

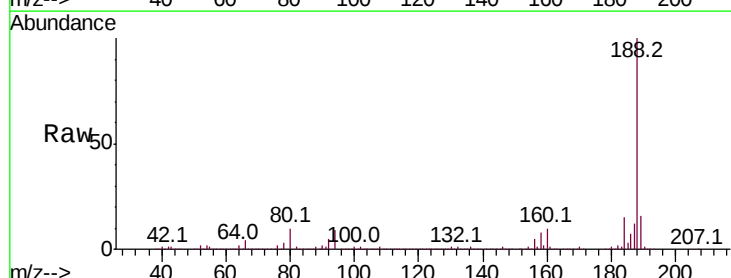
Tgt Ion:188 Resp: 578536

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

80 10.1 9.2 13.8

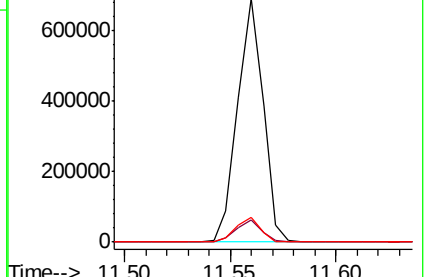
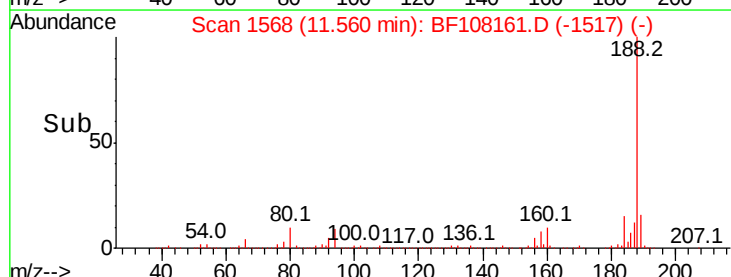


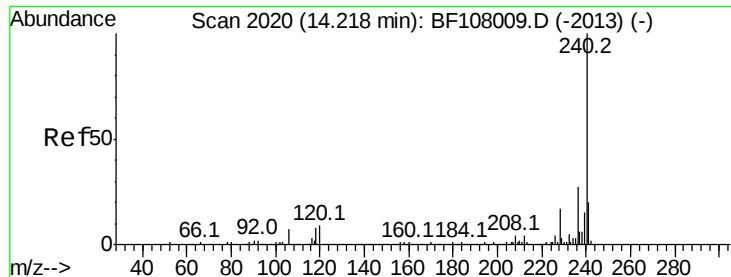
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time--> 11.50 11.55 11.60





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108161.D

Acq: 15 Aug 2018 13:10

Instrument :

BNA_F

ClientSampleId :

SP-1-9

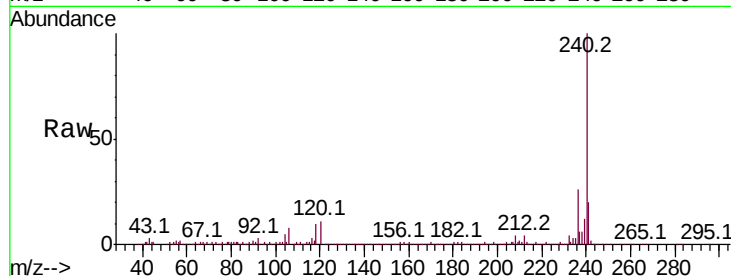
Tot Ion:240 Resp: 456506

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

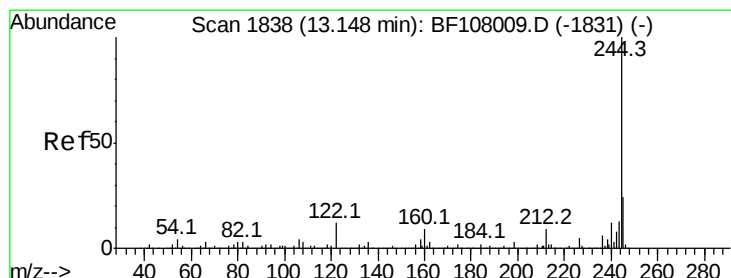
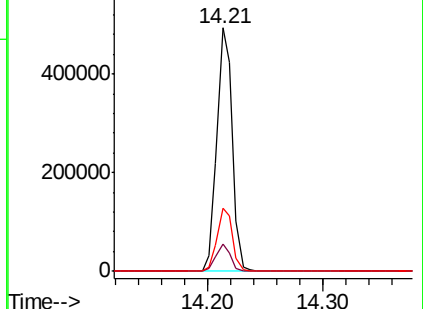
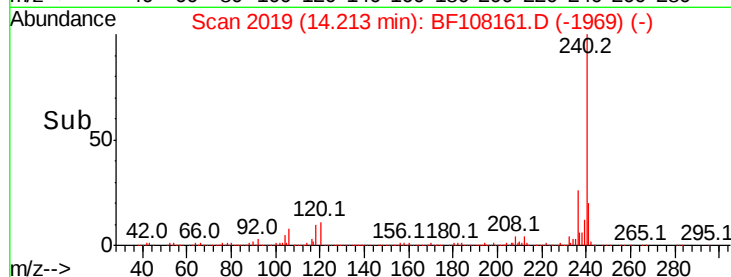
236 25.9 20.7 31.1



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: 77.743 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108161.D

Acq: 15 Aug 2018 13:10

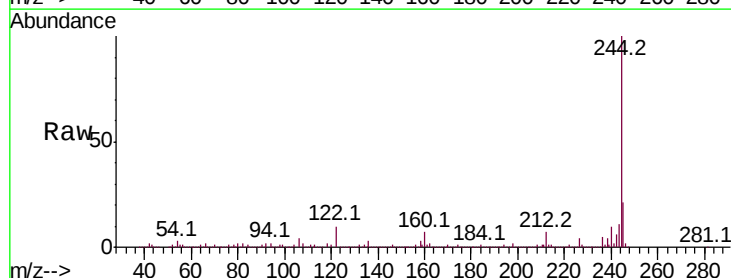
Tgt Ion:244 Resp: 1395844

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

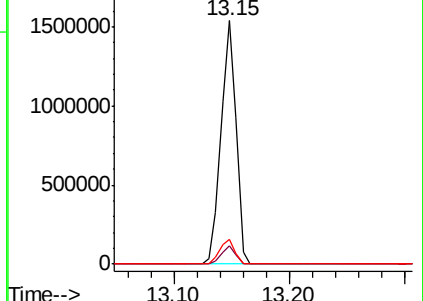
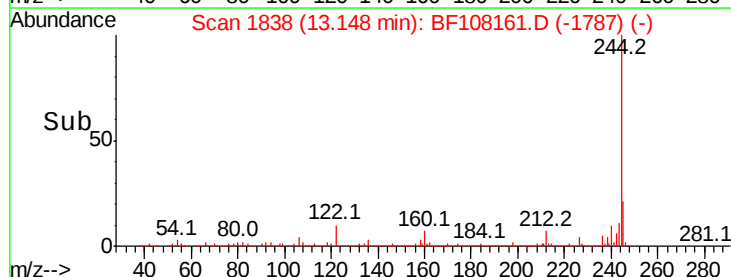
122 10.0 11.0 16.4#

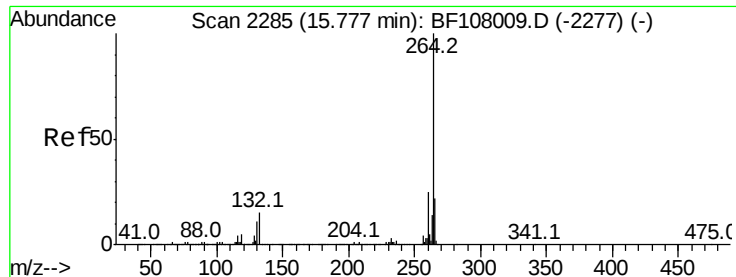


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :
SP-1-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3

