

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108187.D
 Acq On : 16 Aug 2018 1:13
 Operator : JU/SJ
 Sample : J4440-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-D-S

Quant Time: Aug 16 04:11:32 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

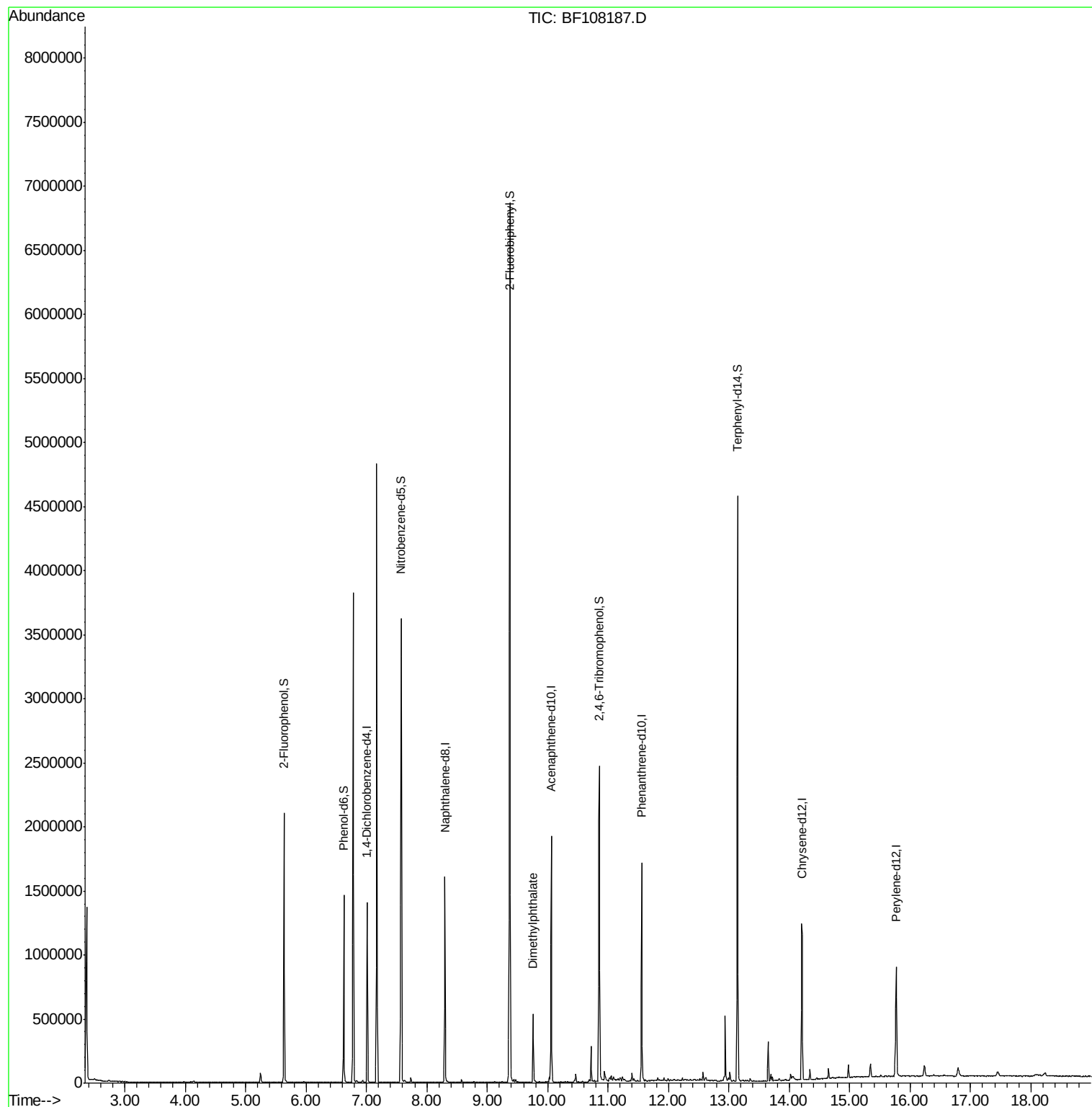
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	196819	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	746158	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	359984	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	608396	20.00	ng	0.00
75) Chrysene-d12	14.21	240	437848	20.00	ng	-0.01
86) Perylene-d12	15.77	264	431656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	472842	43.49	ng	0.00
7) Phenol-d6	6.62	99	392390	27.16	ng	0.00
23) Nitrobenzene-d5	7.58	82	1367320	102.26	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	294122	81.91	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2315522	103.27	ng	0.00
78) Terphenyl-d14	13.15	244	1672198	97.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	206864	8.250	ng	Qvalue 99

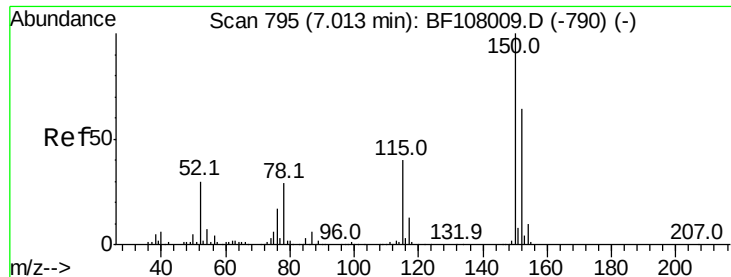
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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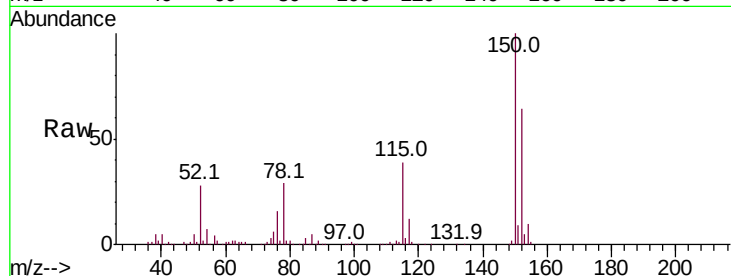


#1

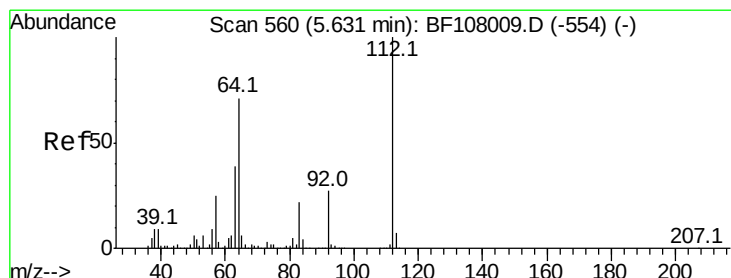
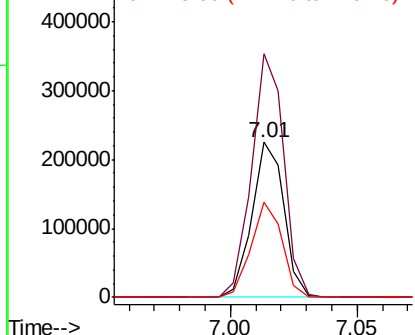
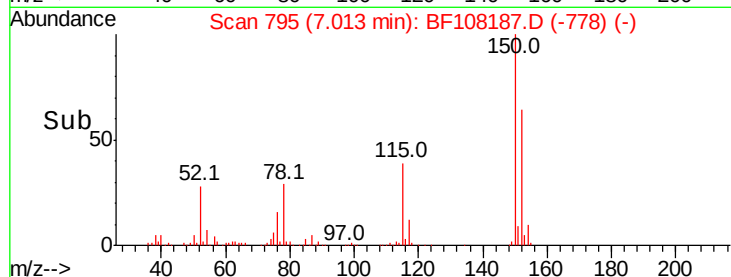
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-S

Tot Ion:152 Resp: 196819
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.6 50.1 75.1



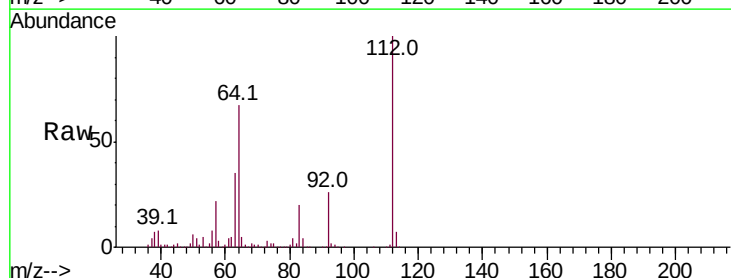
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



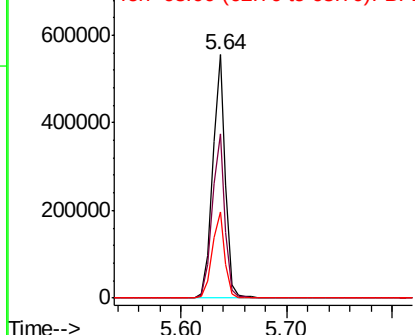
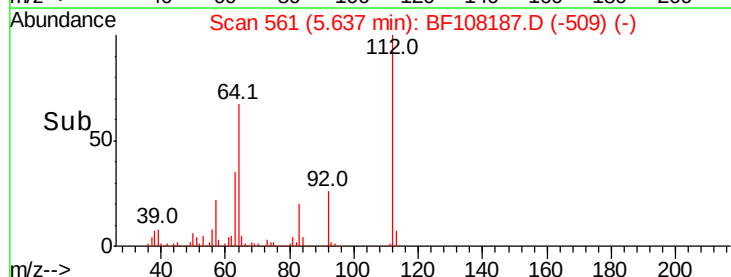
#5

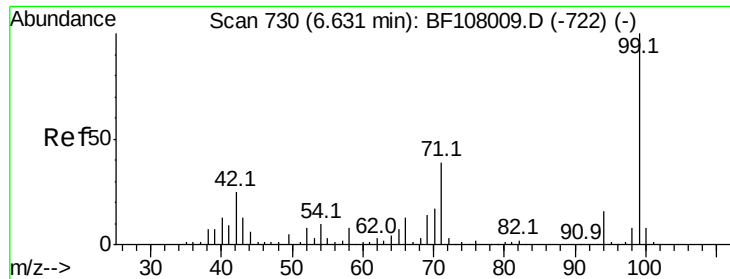
2-Fluorophenol
Concen: 43.495 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Tgt Ion:112 Resp: 472842
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.2 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: 27.162 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

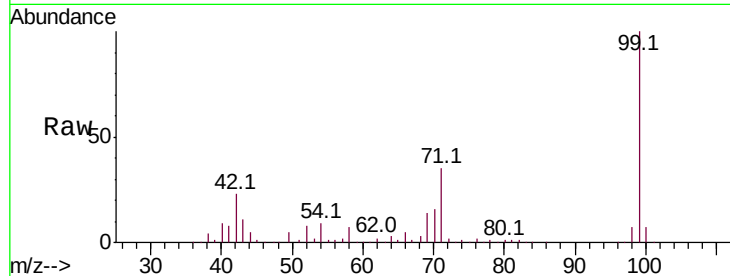
Tot Ion: 99 Resp: 392390

Ion Ratio Lower Upper

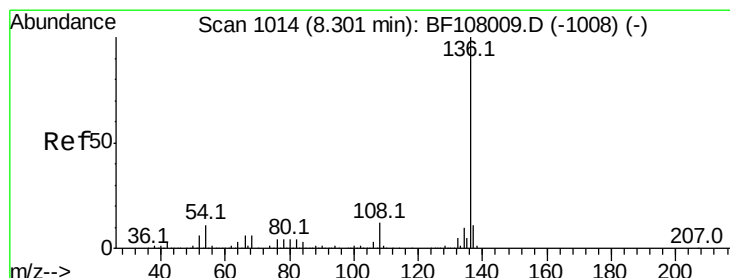
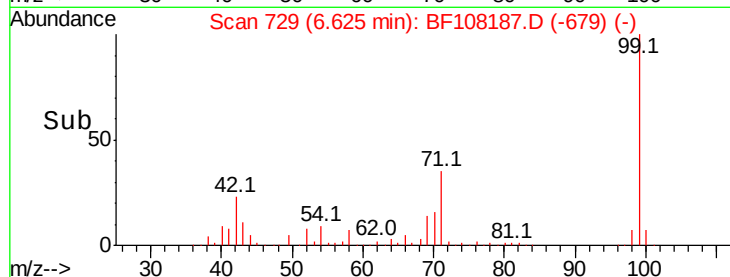
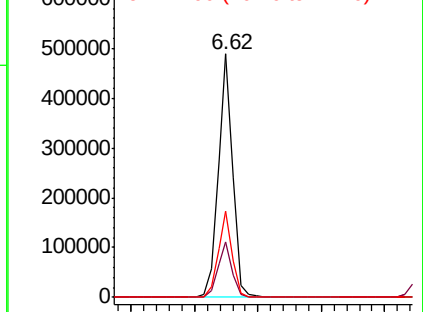
99 100

42 22.6 14.5 21.7#

71 35.4 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: BF108187.D

Acq: 16 Aug 2018 1:13

Tgt Ion: 136 Resp: 746158

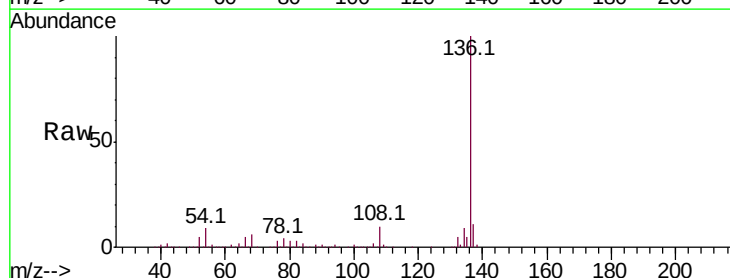
Ion Ratio Lower Upper

136 100

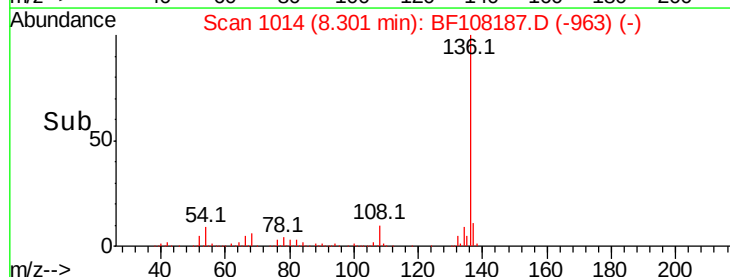
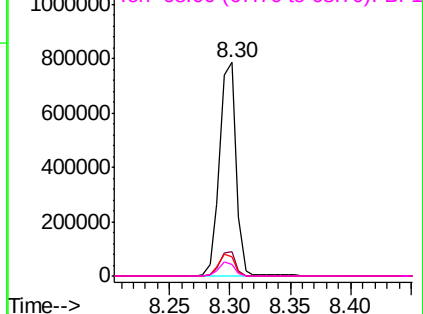
137 11.1 8.9 13.3

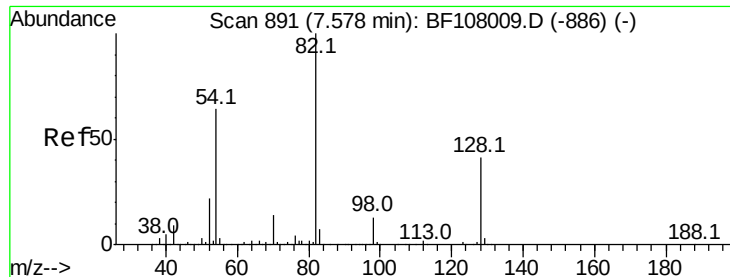
54 9.2 6.6 9.8

68 5.7 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: 102.255 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

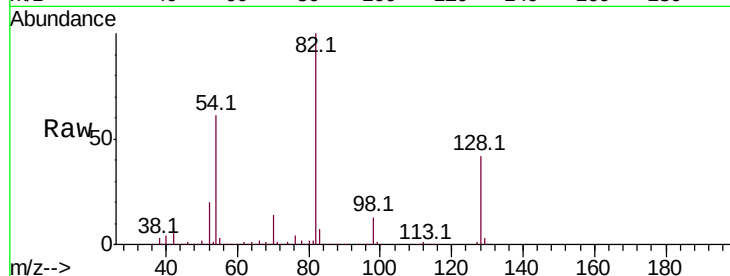
Tot Ion: 82 Resp: 1367320

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

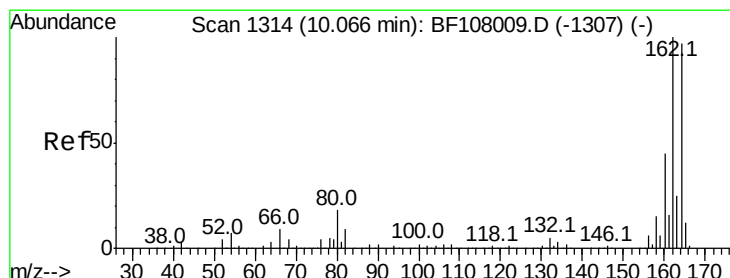
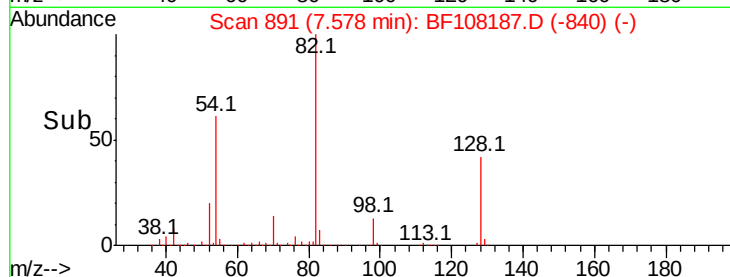
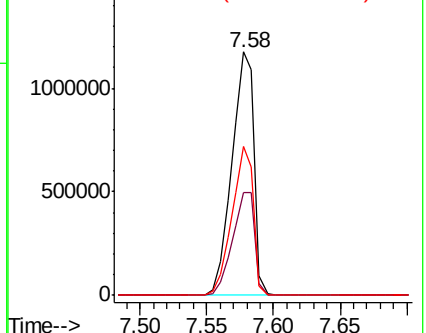
54 61.3 41.4 62.2



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: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

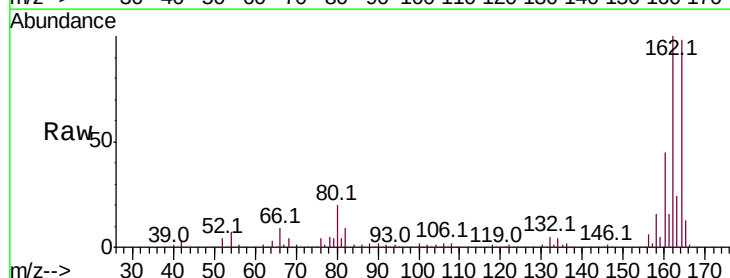
Tgt Ion:164 Resp: 359984

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

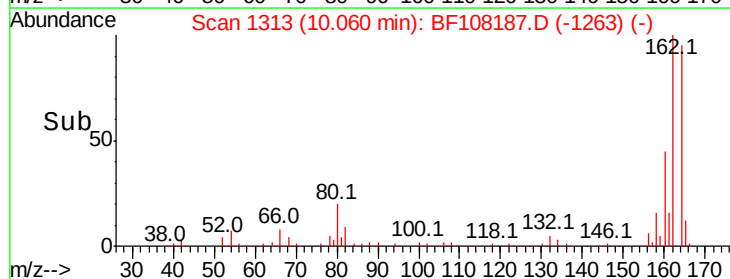
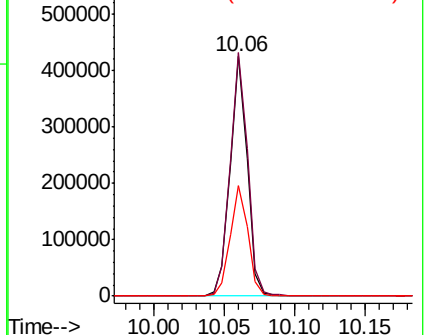
160 46.0 38.3 57.5

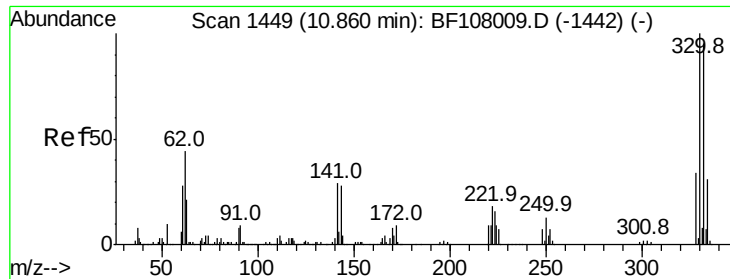


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

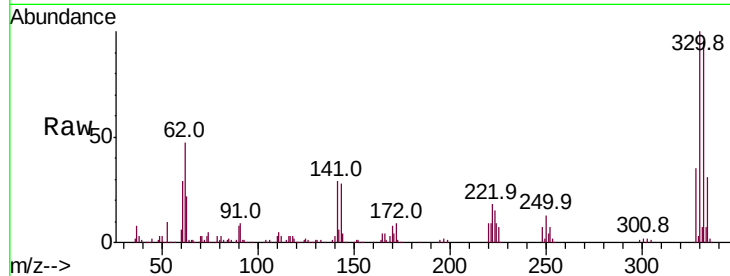




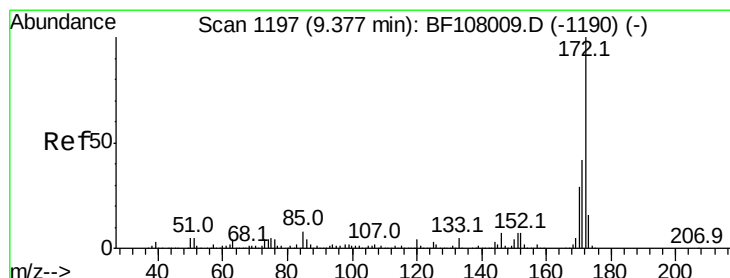
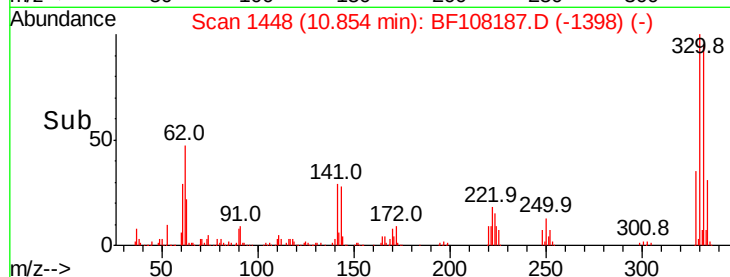
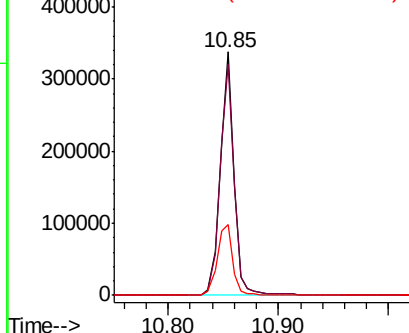
#41
 2,4,6-Tribromophenol
 Concen: 81.911 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108187.D
 Acq: 16 Aug 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.5	29.9	44.9

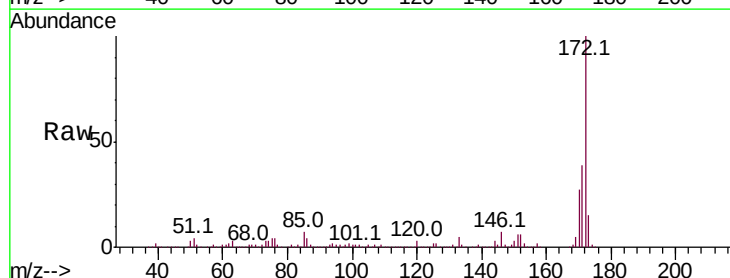


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

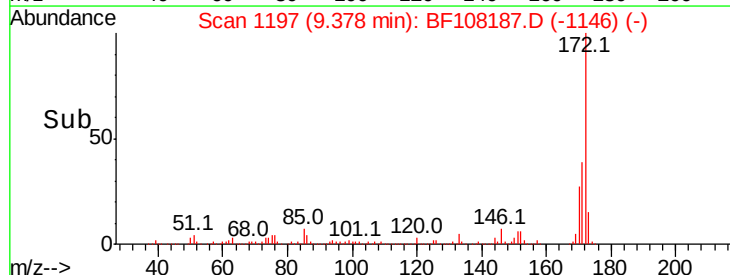
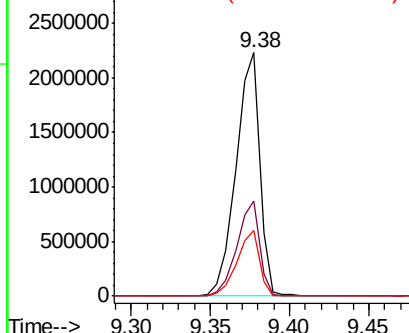


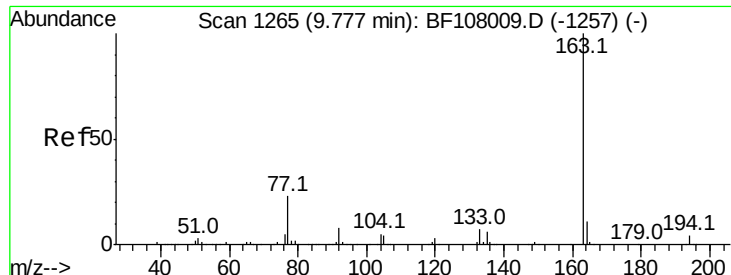
#44
 2-Fluorobiphenyl
 Concen: 103.268 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108187.D
 Acq: 16 Aug 2018 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.7	44.5
170	27.0	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

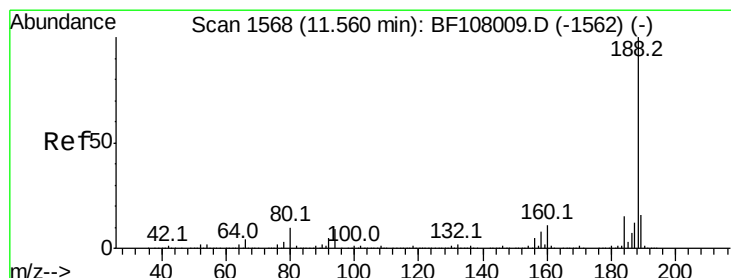
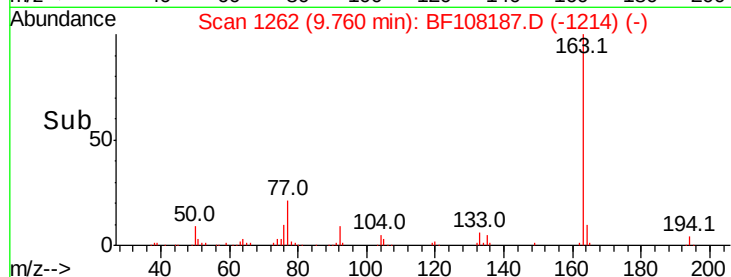
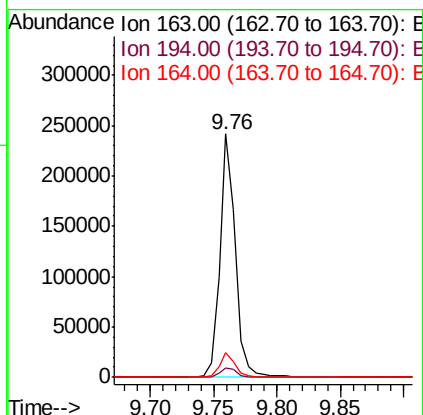
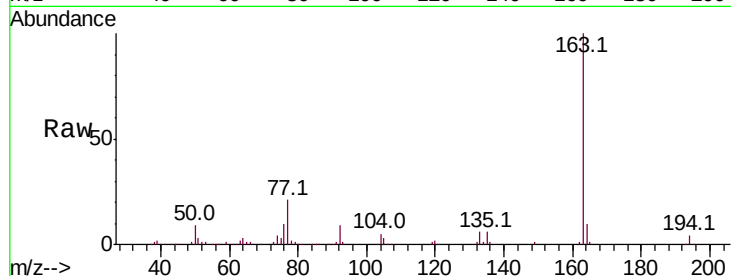




#49
Dimethylphthalate
Concen: 8.250 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

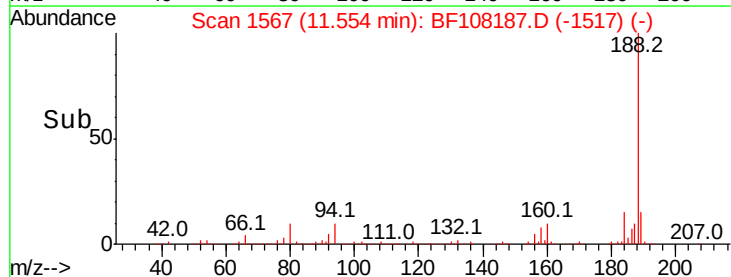
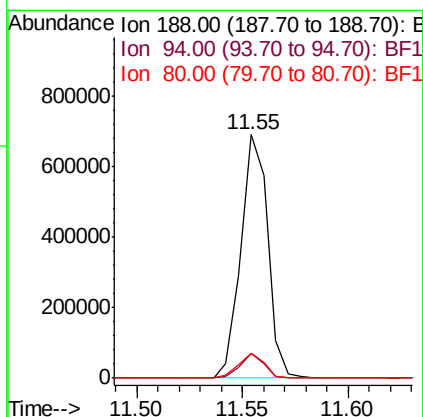
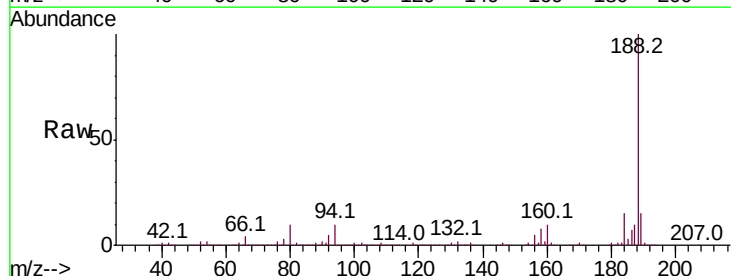
Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-S

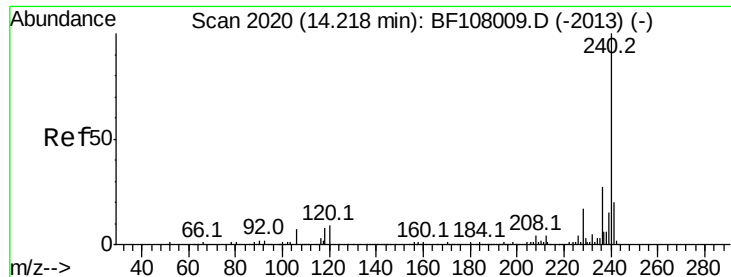
Tot Ion:163 Resp: 206864
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Tgt Ion:188 Resp: 608396
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

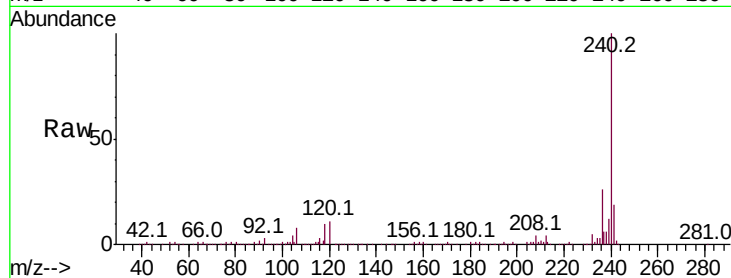
Tot Ion:240 Resp: 437848

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

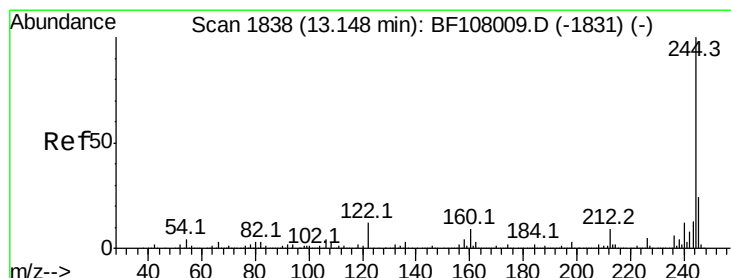
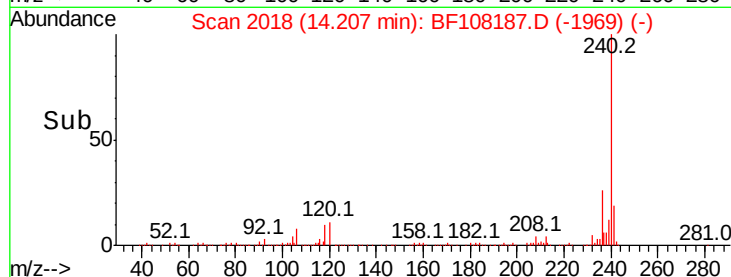
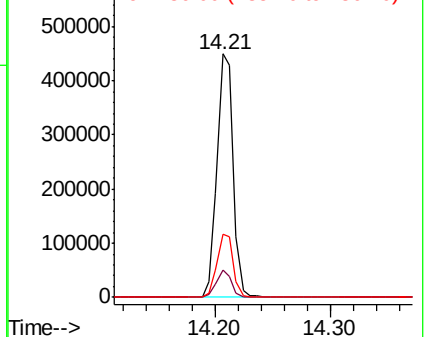
236 25.9 20.7 31.1



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: 97.104 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

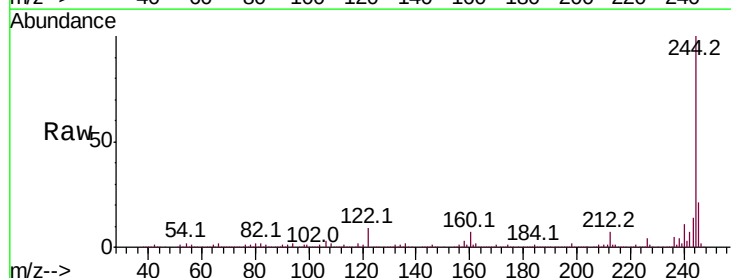
Tgt Ion:244 Resp: 1672198

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

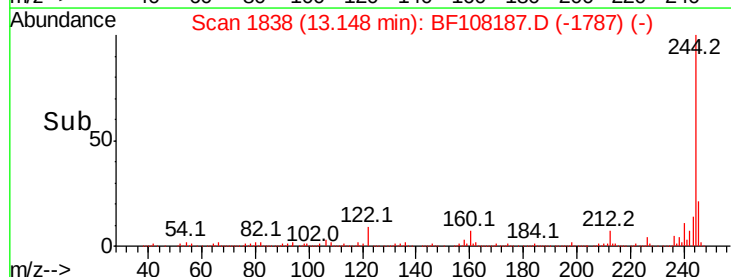
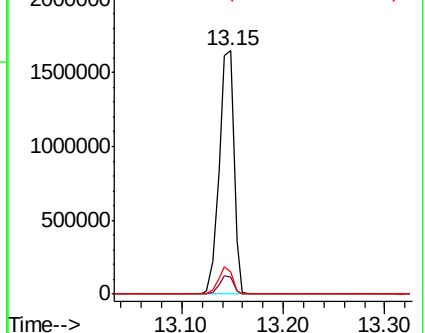
122 9.0 11.0 16.4#

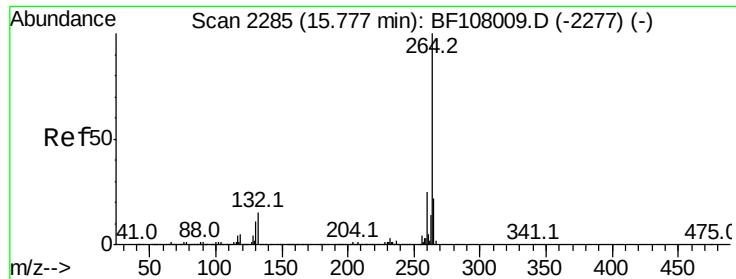


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3

