

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108186.D
 Acq On : 16 Aug 2018 00:46
 Operator : JU/SJ
 Sample : J4440-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 16 04:09:11 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

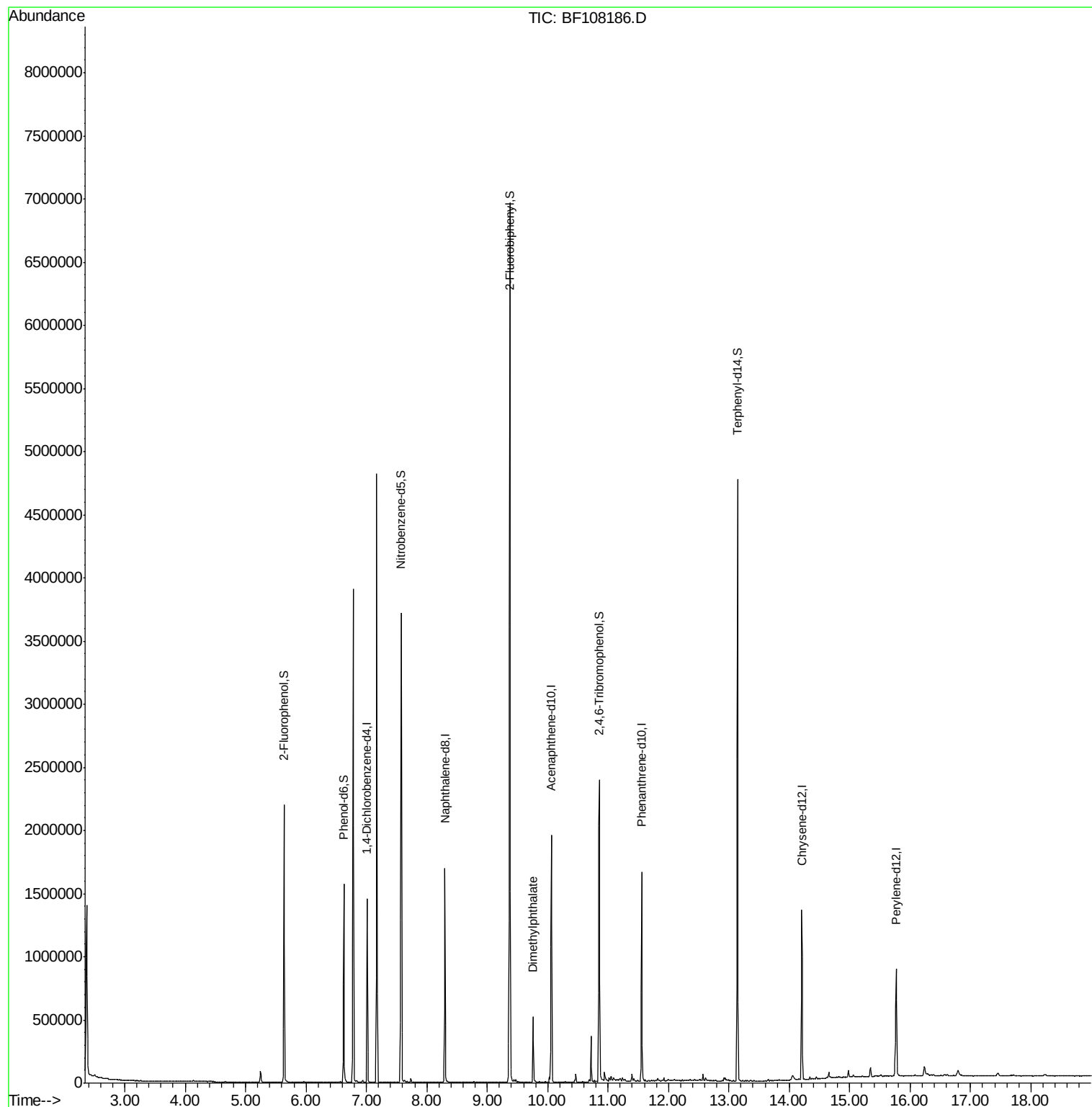
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	205297	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	766367	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	372121	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	592211	20.00	ng	0.00
75) Chrysene-d12	14.21	240	435025	20.00	ng	-0.01
86) Perylene-d12	15.77	264	434959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	505580	44.59	ng	0.00
7) Phenol-d6	6.62	99	429859	28.53	ng	0.00
23) Nitrobenzene-d5	7.58	82	1402250	102.10	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	281053	75.72	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2364492	102.01	ng	0.00
78) Terphenyl-d14	13.14	244	1658323	96.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	199726	7.705	ng	Qvalue 99

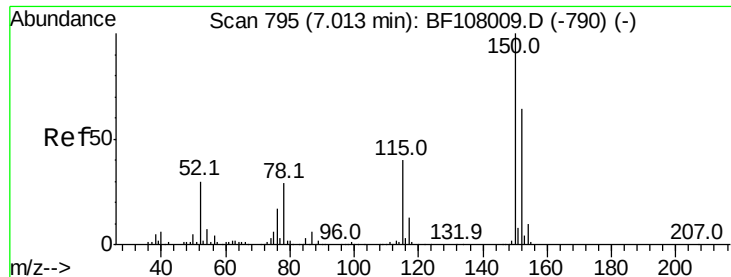
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



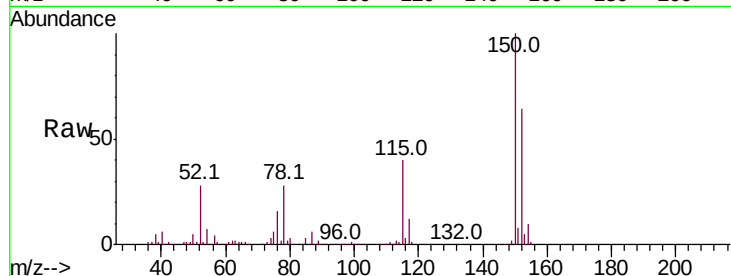


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	63.2	50.1	75.1

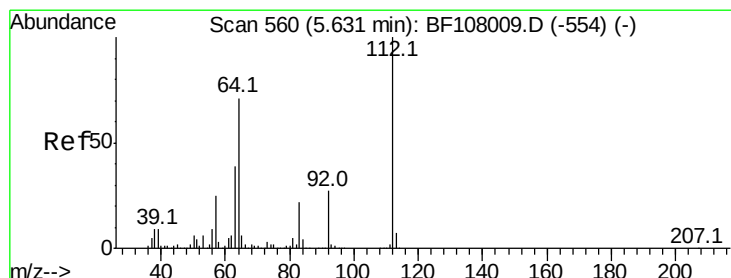
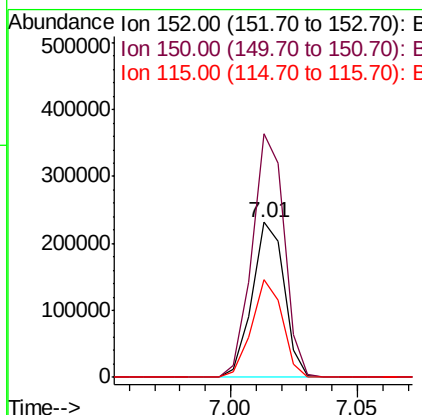
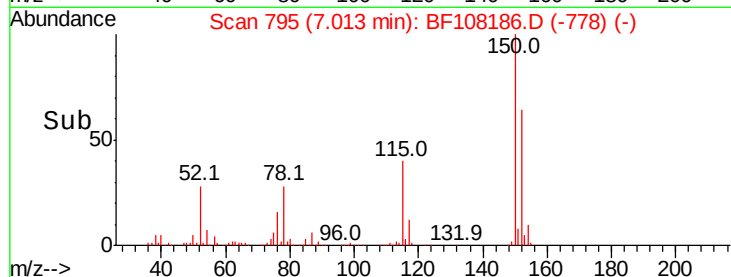


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

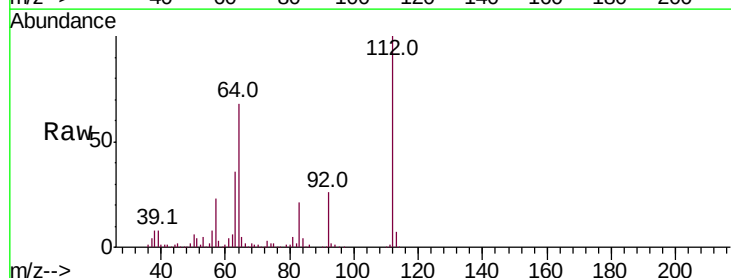
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.586 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	36.0	23.7	35.5#

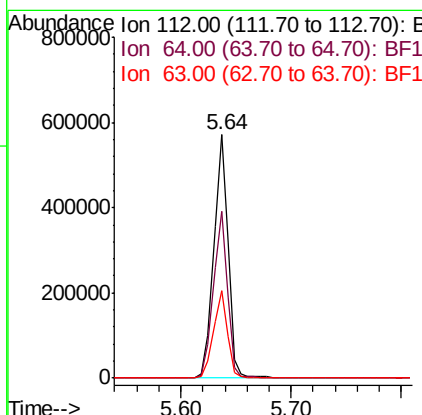
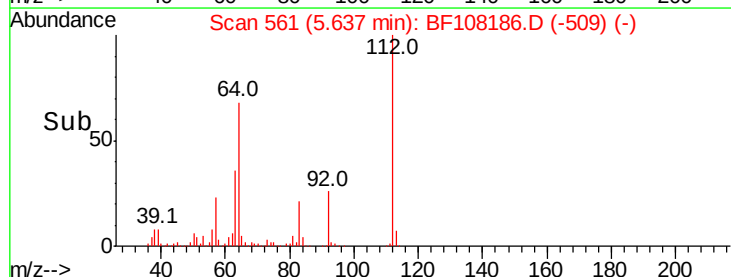


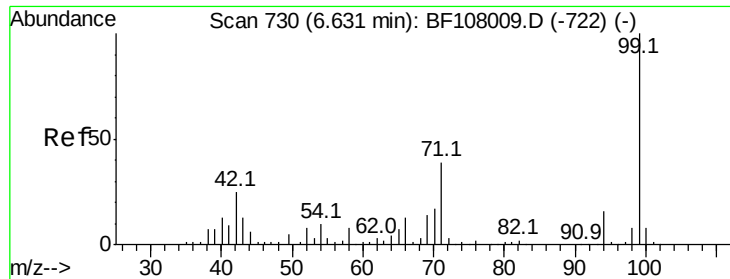
Abundance

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: 28.527 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

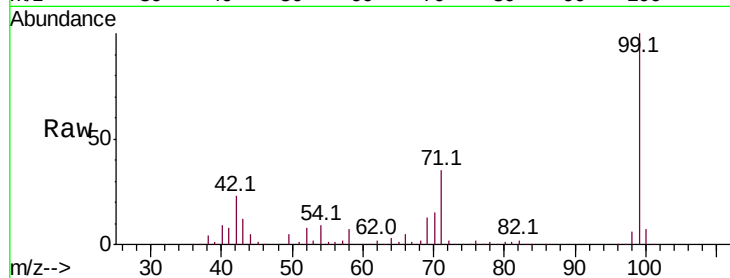
Tot Ion: 99 Resp: 429859

Ion Ratio Lower Upper

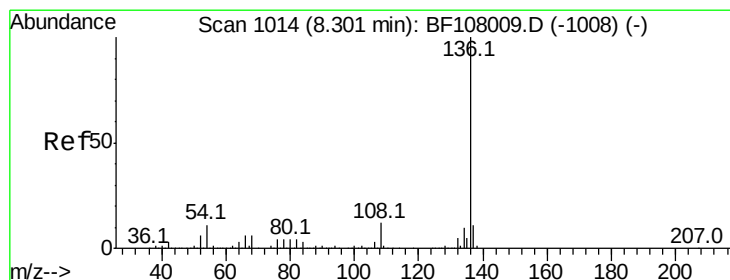
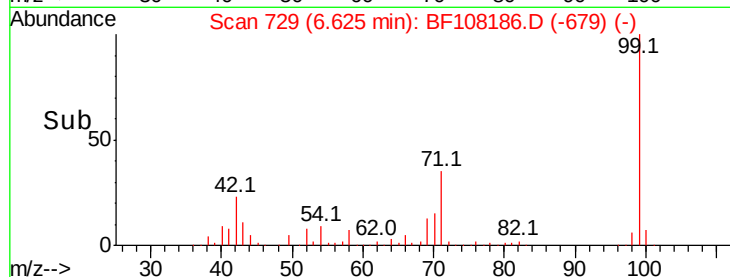
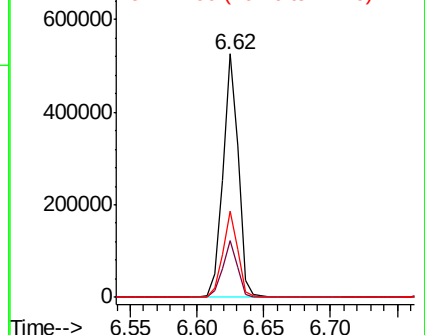
99 100

42 23.4 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Tgt Ion: 136 Resp: 766367

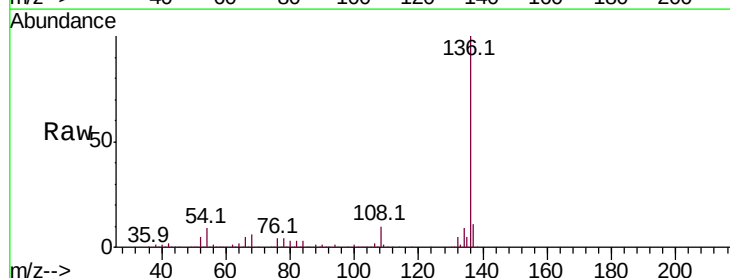
Ion Ratio Lower Upper

136 100

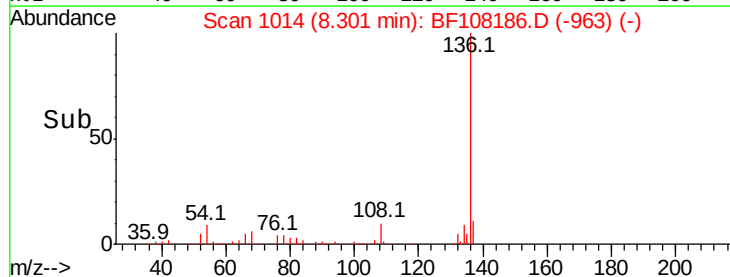
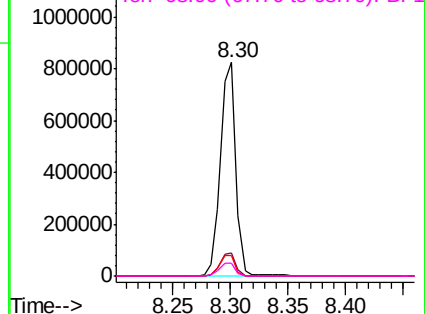
137 10.7 8.9 13.3

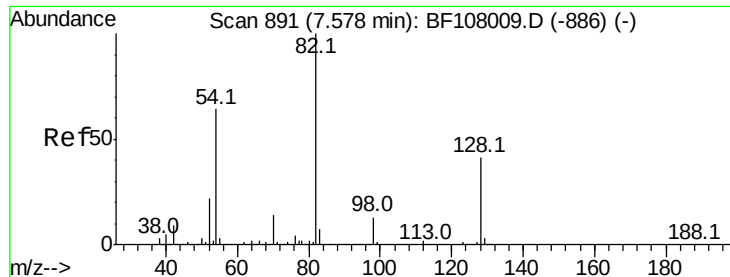
54 9.4 6.6 9.8

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: 102.102 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

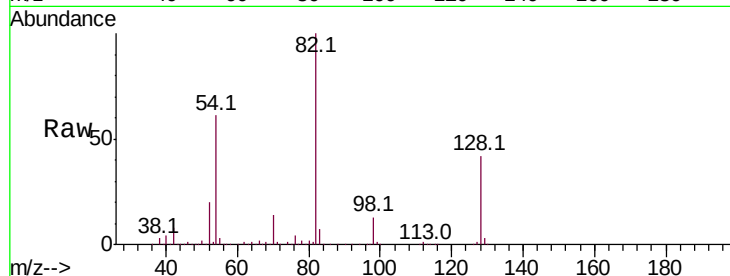
Tot Ion: 82 Resp: 1402250

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

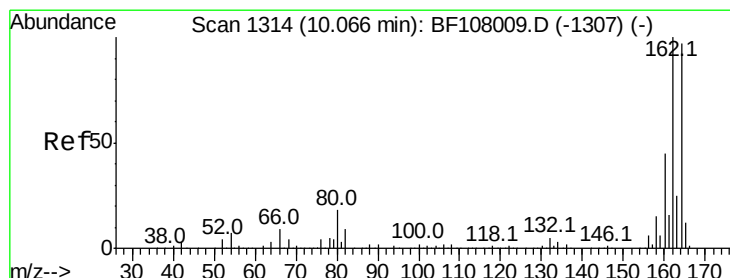
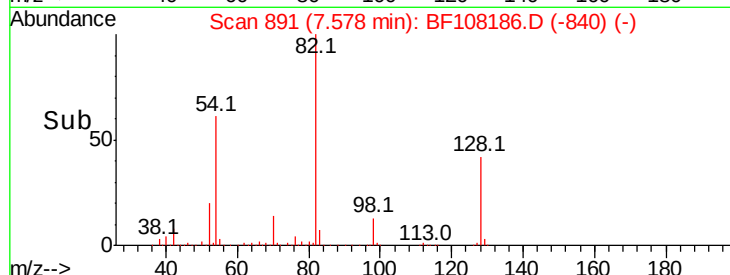
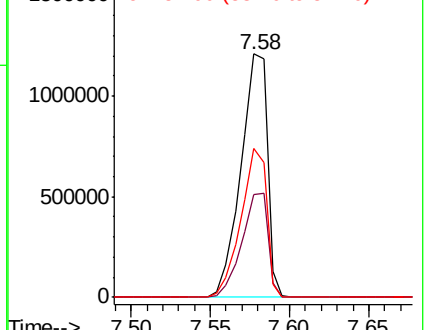
54 61.0 41.4 62.2



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: BF108186.D

Acq: 16 Aug 2018 00:46

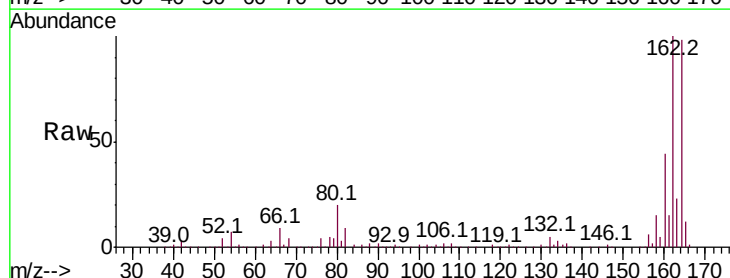
Tgt Ion:164 Resp: 372121

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

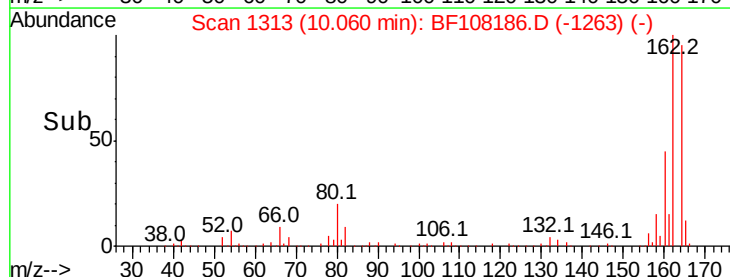
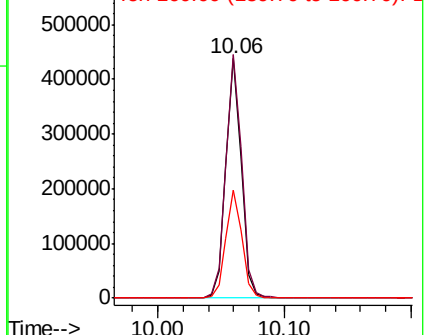
160 45.1 38.3 57.5

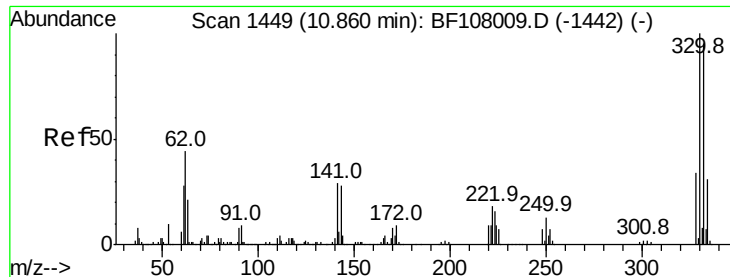


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

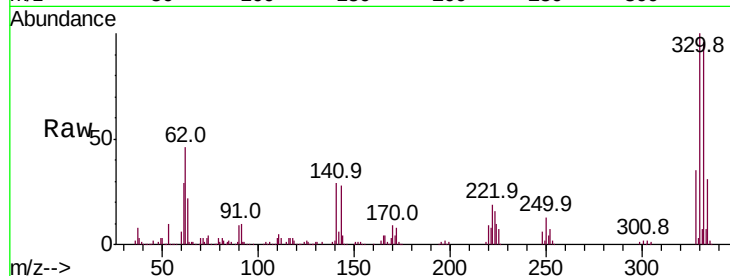




#41
 2,4,6-Tribromophenol
 Concen: 75.719 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108186.D
 Acq: 16 Aug 2018 00:46

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	33.5	29.9	44.9

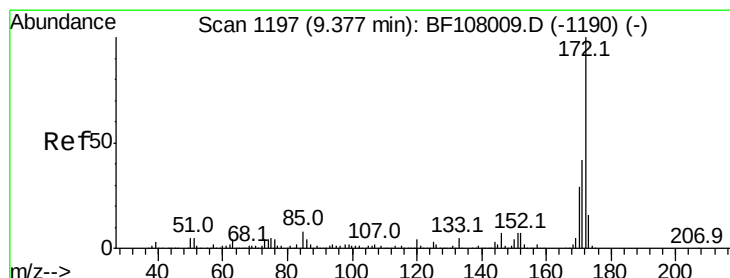
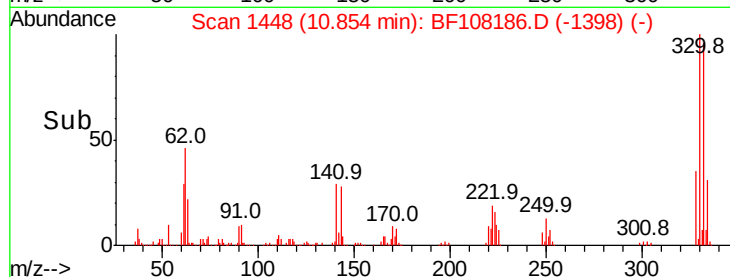
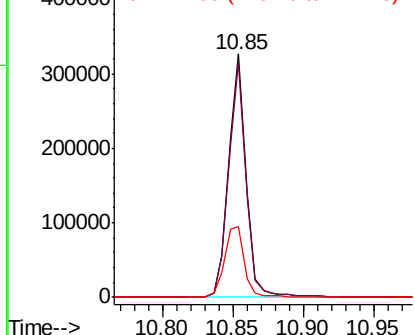


Abundance

Ion 329.80 (329.50 to 330.50): E

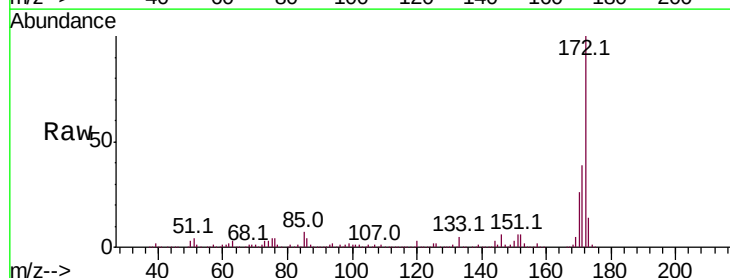
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.013 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108186.D
 Acq: 16 Aug 2018 00:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.2	19.6	29.4

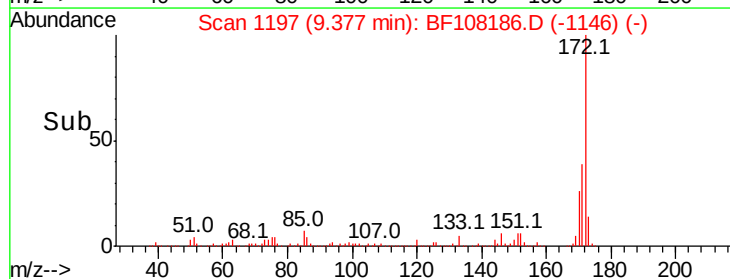
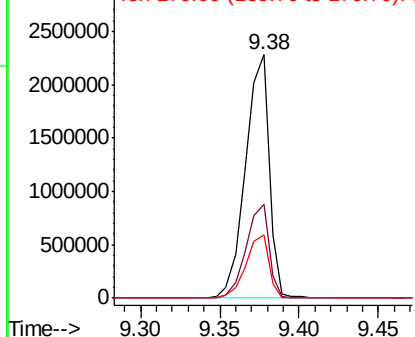


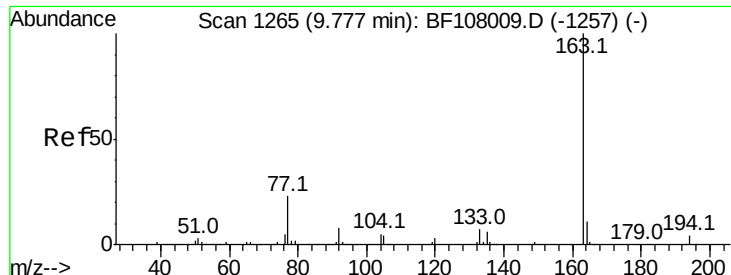
Abundance

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

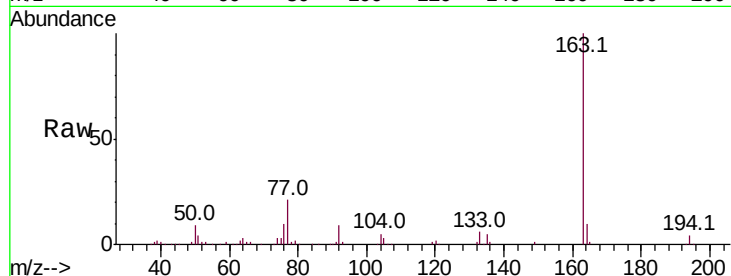




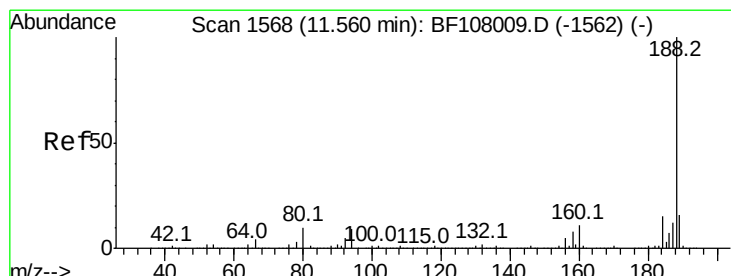
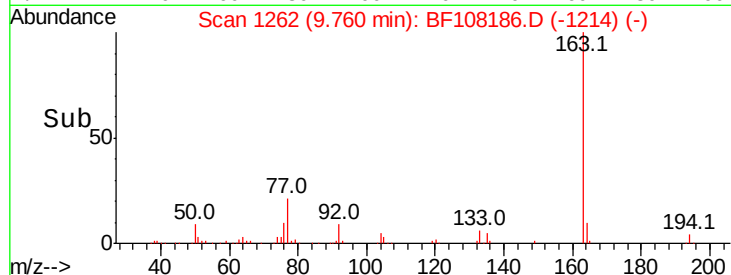
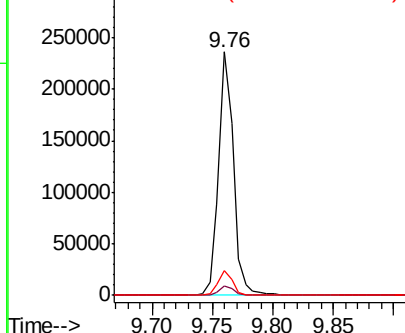
#49
Dimethylphthalate
Concen: 7.705 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

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

Tot Ion:163 Resp: 199726
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.3 8.2 12.2

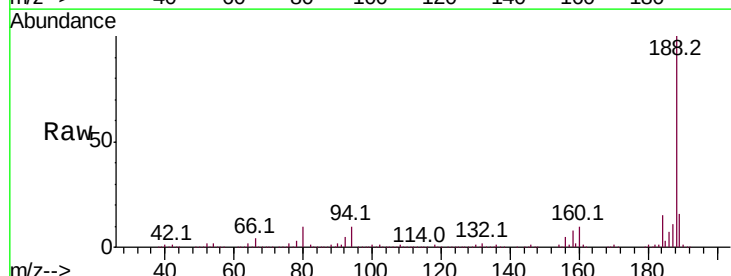


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

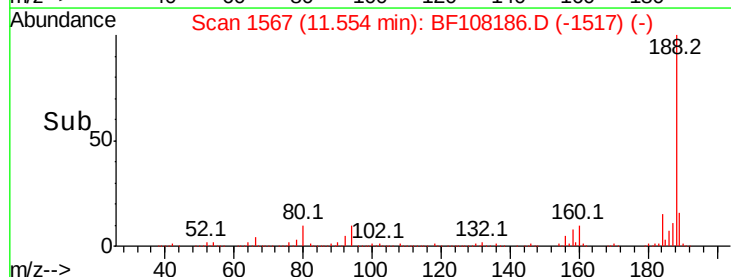
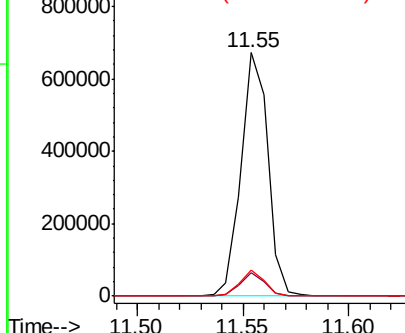


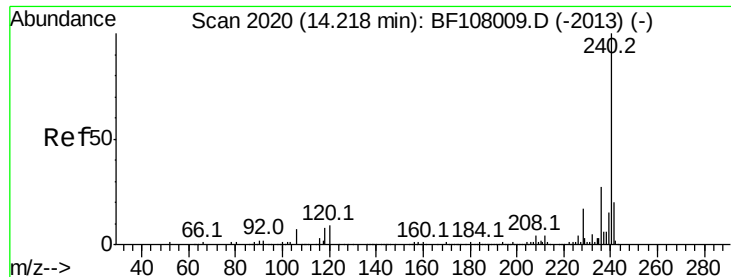
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:188 Resp: 592211
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.5 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# 2018

Delta R.T. -0.01 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

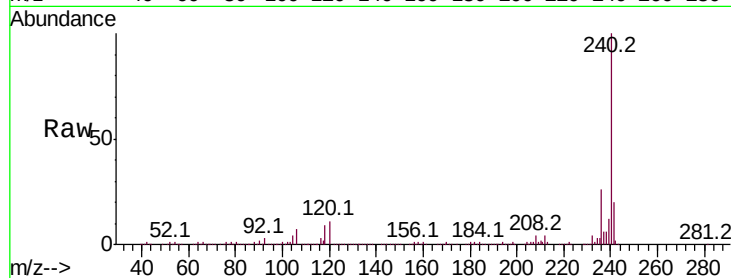
Tot Ion:240 Resp: 435025

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

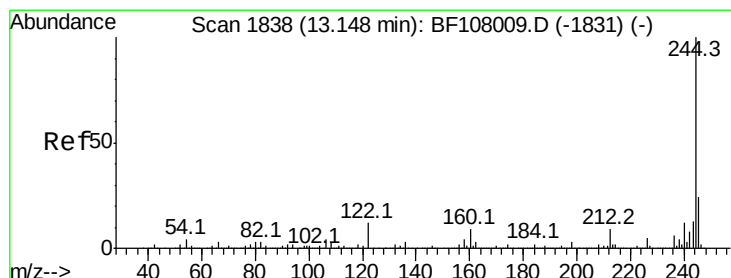
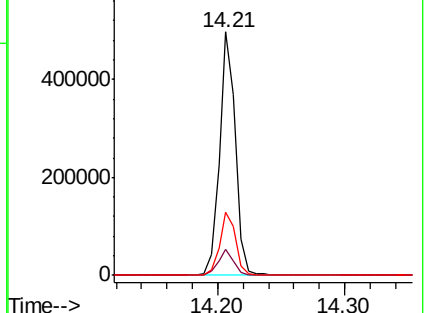
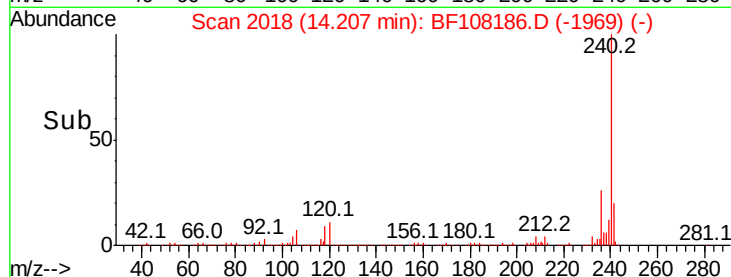
236 25.7 20.7 31.1



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: 96.923 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

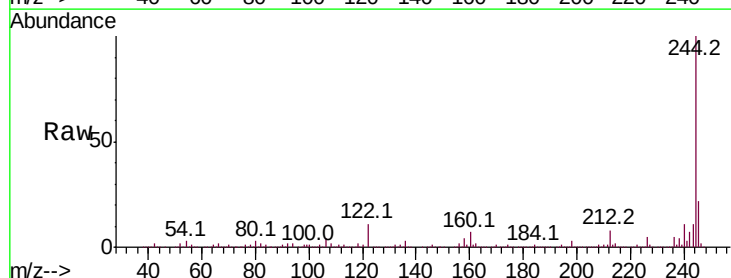
Tgt Ion:244 Resp: 1658323

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

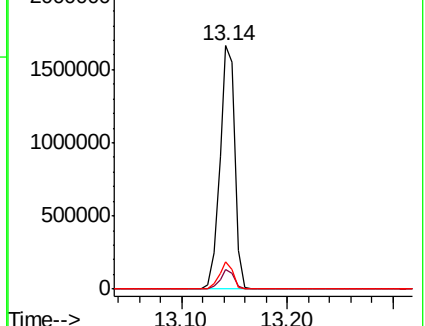
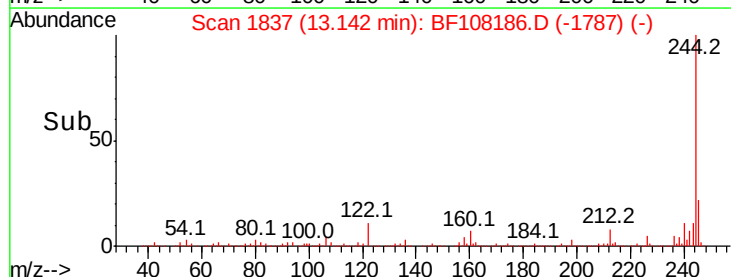
122 11.5 11.0 16.4

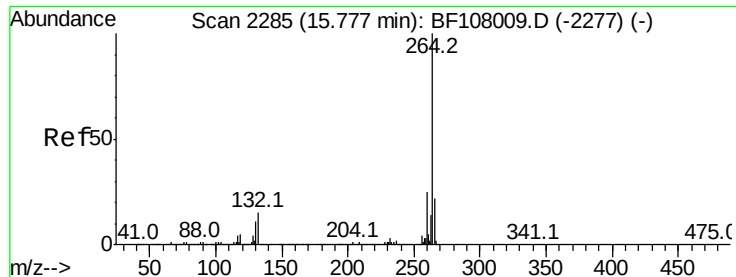


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108186.D
Acq: 16 Aug 2018 00:46

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.5	17.5	26.3

