

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108148.D
 Acq On : 14 Aug 2018 16:47
 Operator : JU/SJ
 Sample : J4460-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Quant Time: Aug 14 17:44:18 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

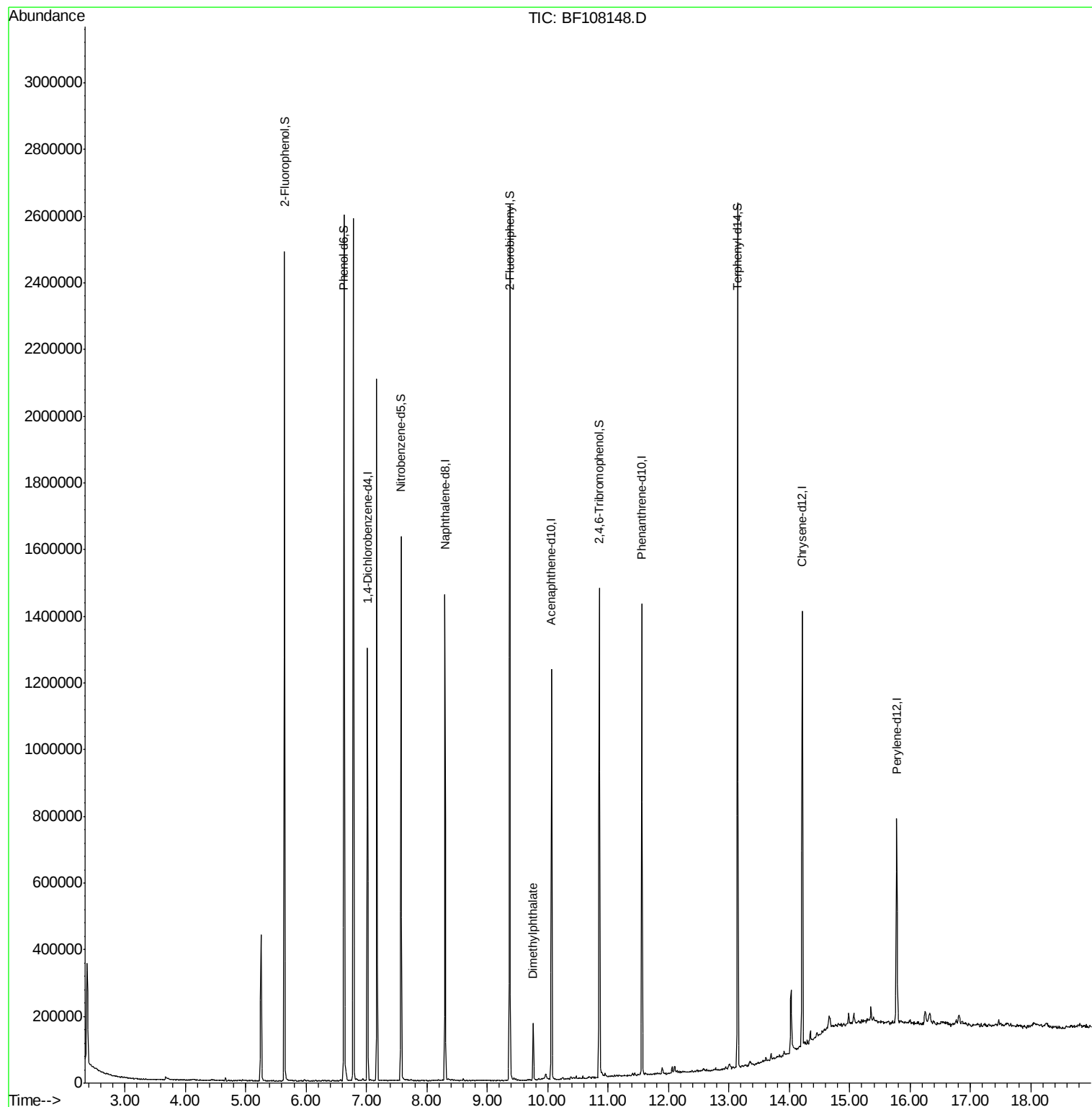
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	169241	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	585722	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	239539	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	476317	20.00	ng	0.00
75) Chrysene-d12	14.21	240	474248	20.00	ng	0.00
86) Perylene-d12	15.78	264	318734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	611697	65.44	ng	0.01
7) Phenol-d6	6.63	99	764048	61.51	ng	0.00
23) Nitrobenzene-d5	7.58	82	478438	45.58	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	162333	67.94	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	777070	52.08	ng	0.00
78) Terphenyl-d14	13.15	244	863671	46.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	70364	4.217	ng	99

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

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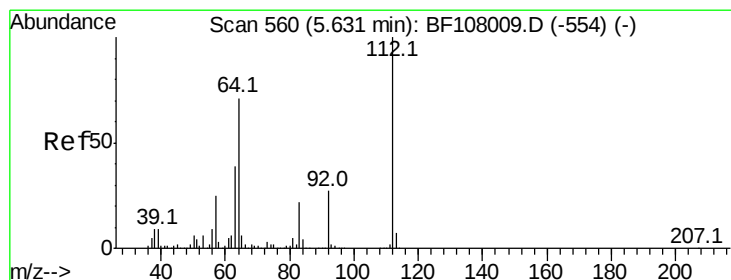
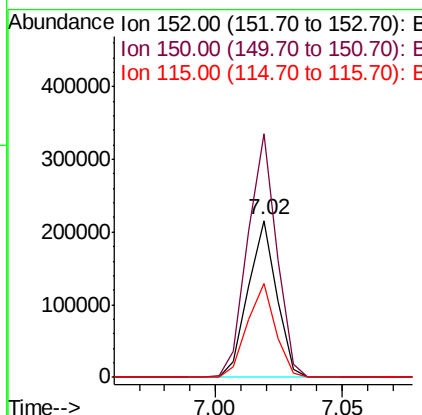
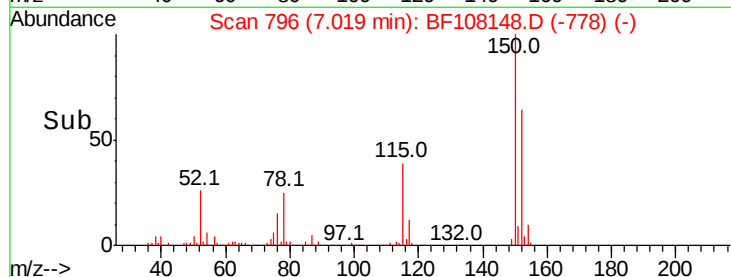
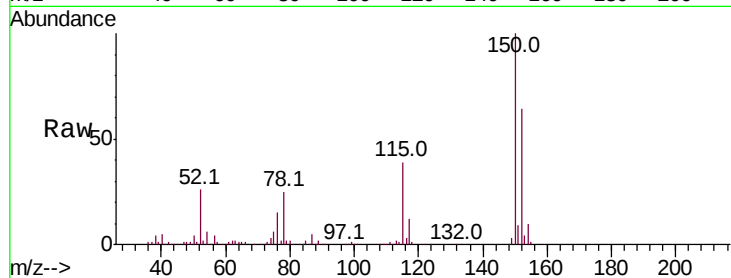


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108148.D
Acq: 14 Aug 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

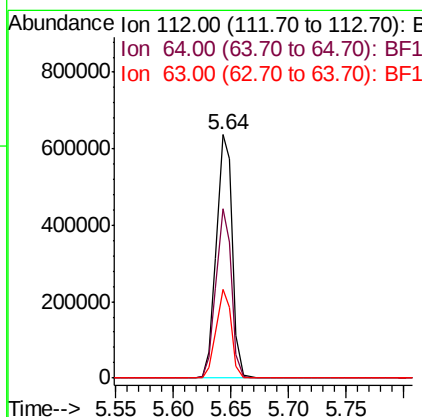
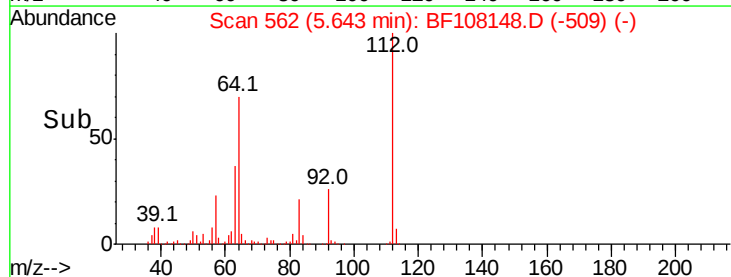
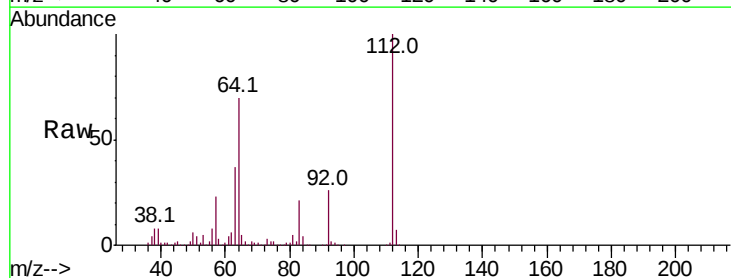
Tot Ion:152 Resp: 169241
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.8 50.1 75.1



#5

2-Fluorophenol
Concen: 65.436 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108148.D
Acq: 14 Aug 2018 16:47

Tgt Ion:112 Resp: 611697
Ion Ratio Lower Upper
112 100
64 69.6 47.9 71.9
63 36.7 23.7 35.5#





#7

Phenol-d6

Concen: 61.507 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108148.D

Acq: 14 Aug 2018 16:47

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

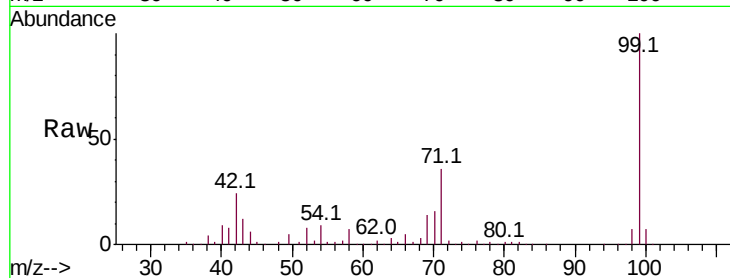
Tot Ion: 99 Resp: 764048

Ion Ratio Lower Upper

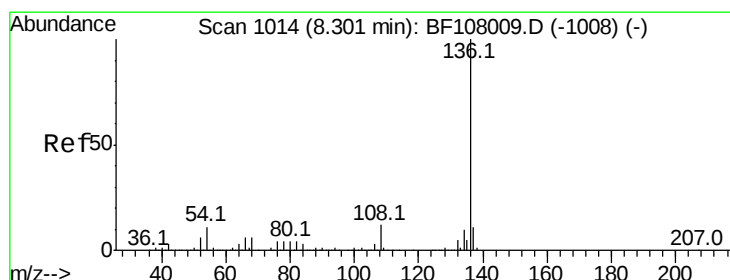
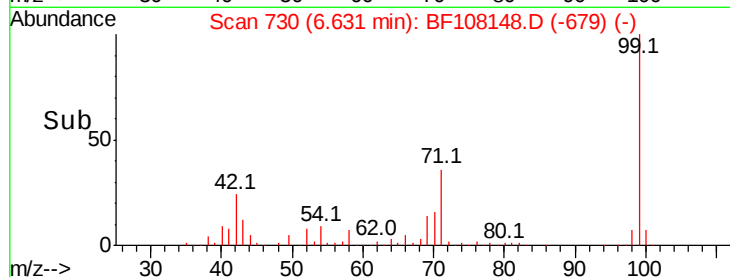
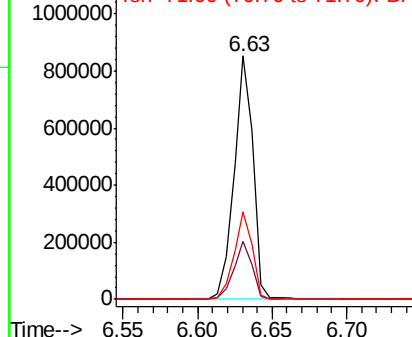
99 100

42 23.6 14.5 21.7#

71 36.1 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: BF108148.D

Acq: 14 Aug 2018 16:47

Tgt Ion: 136 Resp: 585722

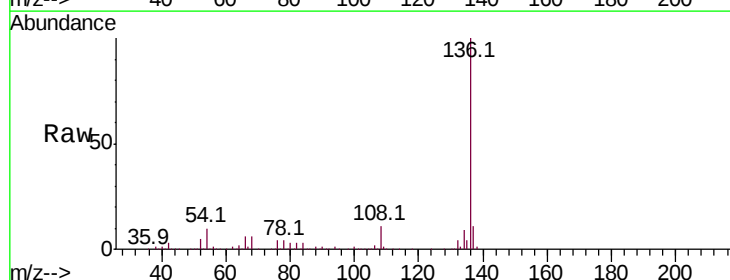
Ion Ratio Lower Upper

136 100

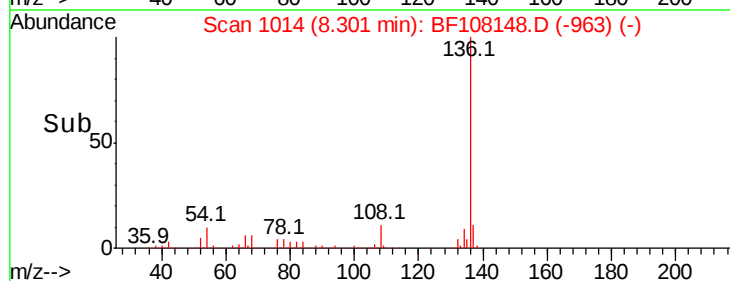
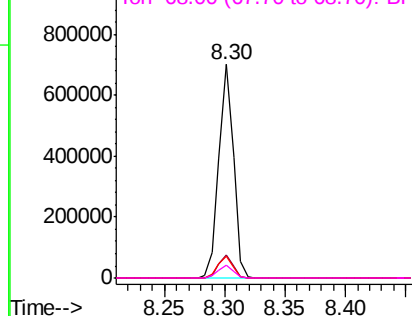
137 10.9 8.9 13.3

54 9.9 6.6 9.8#

68 6.2 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

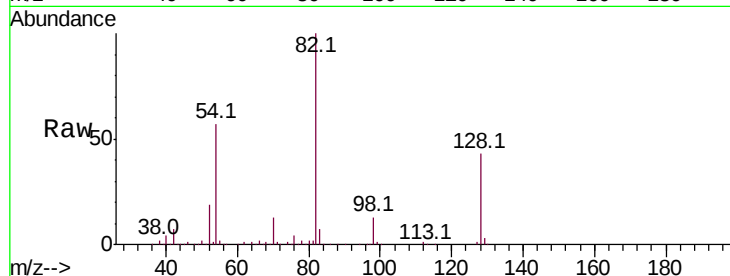




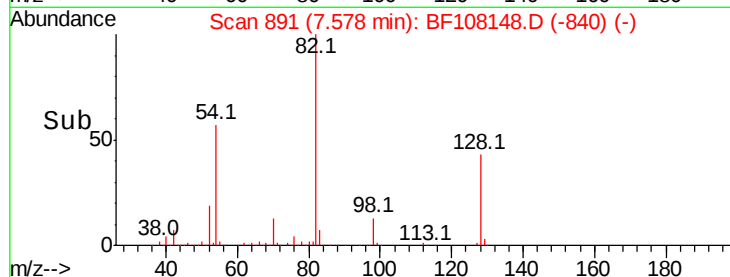
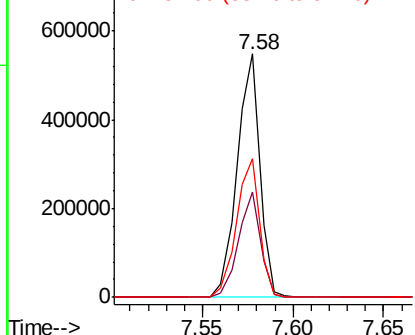
#23
Nitrobenzene-d5
Concen: 45.581 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108148.D
Acq: 14 Aug 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tot Ion: 82 Resp: 478438
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 56.9 41.4 62.2

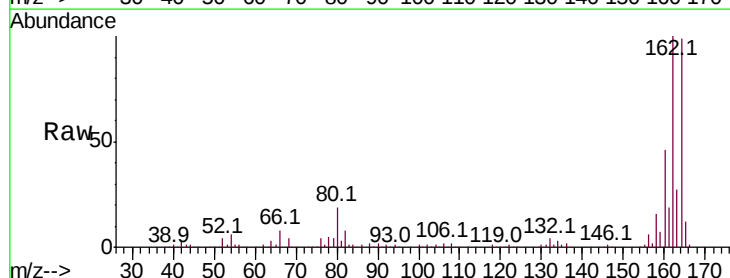


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

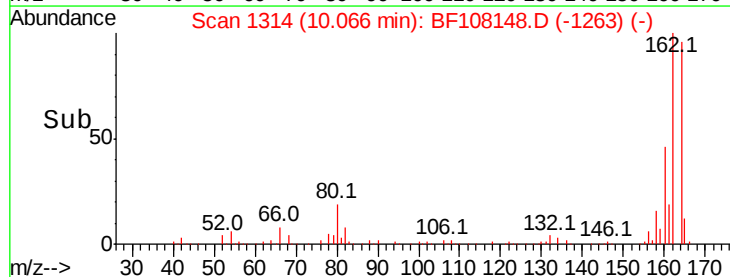
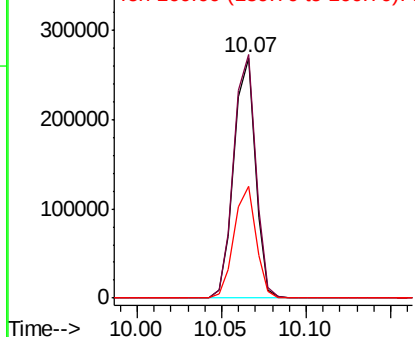


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108148.D
Acq: 14 Aug 2018 16:47

Tgt Ion:164 Resp: 239539
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.8 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

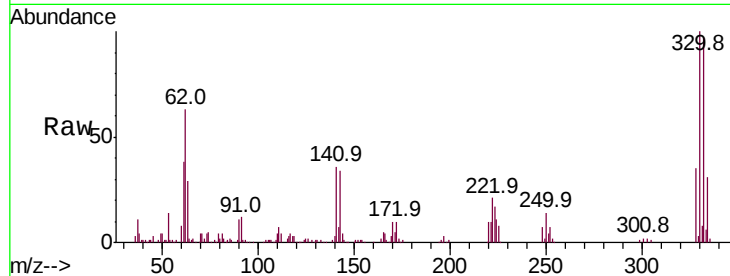




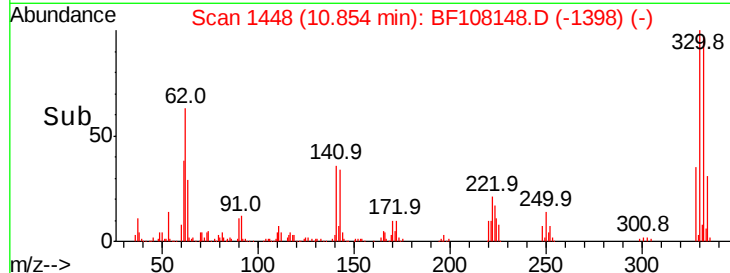
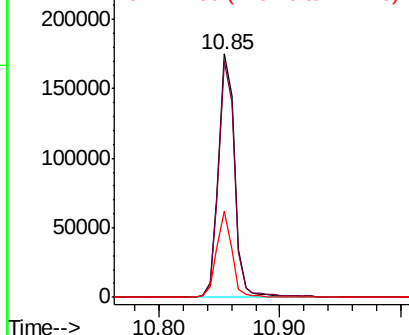
#41
 2,4,6-Tribromophenol
 Concen: 67.941 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108148.D
 Acq: 14 Aug 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.3	29.9	44.9

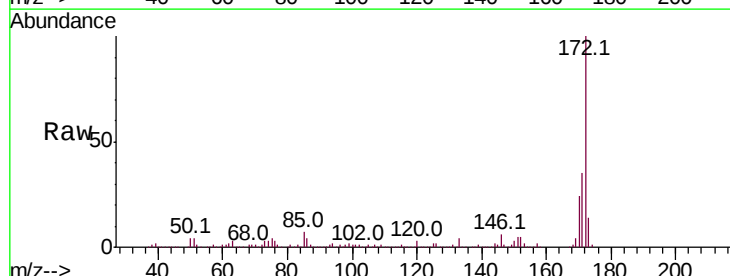


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

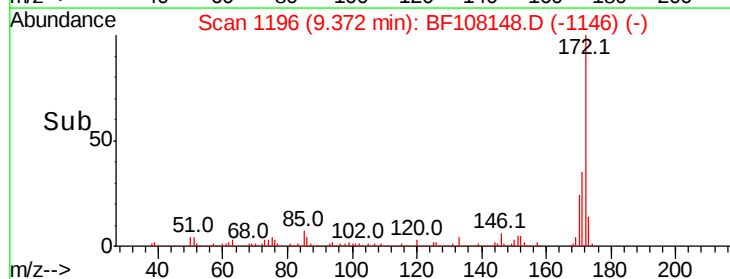
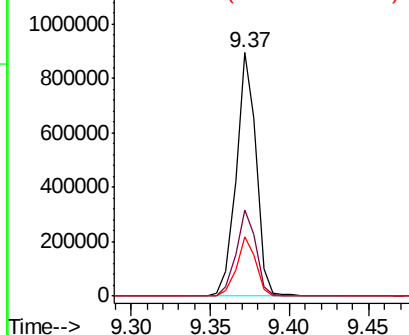


#44
 2-Fluorobiphenyl
 Concen: 52.082 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108148.D
 Acq: 14 Aug 2018 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	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

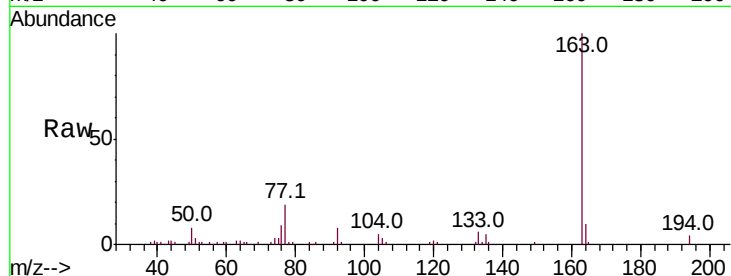




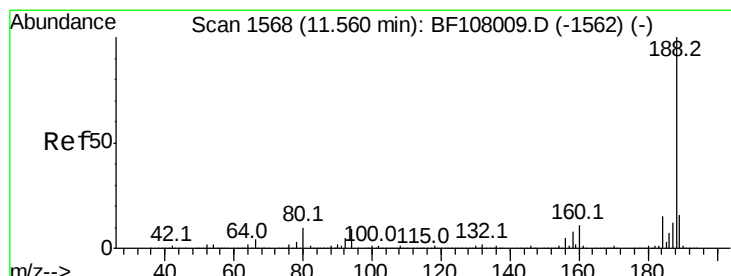
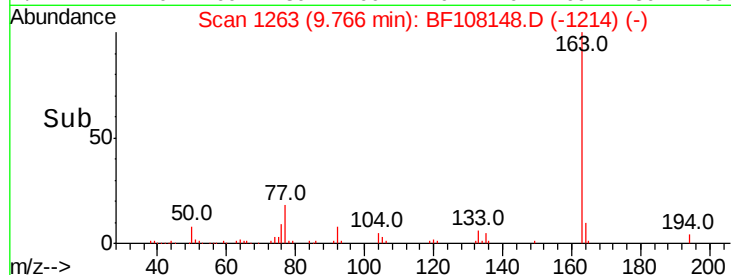
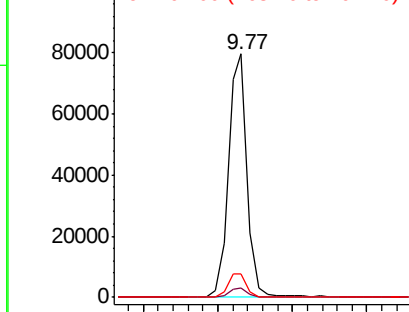
#49
Dimethylphthalate
Concen: 4.217 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108148.D
Acq: 14 Aug 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tot Ion:163 Resp: 70364
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

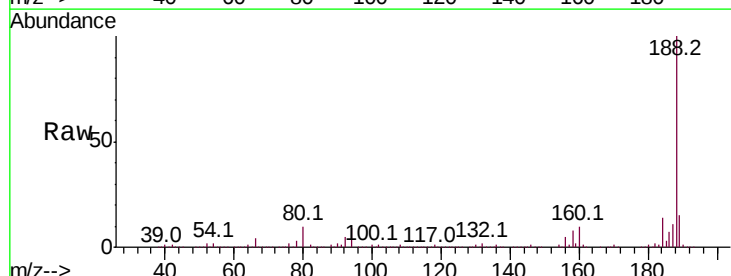


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

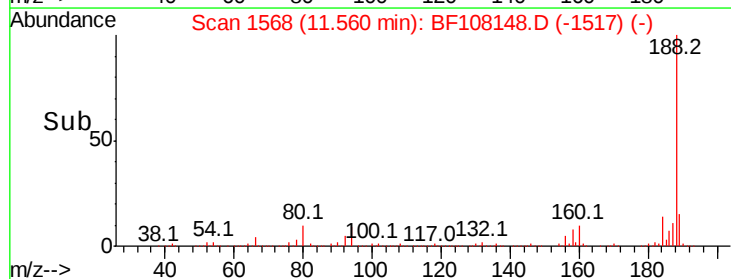
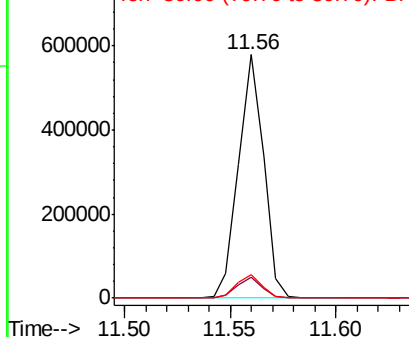


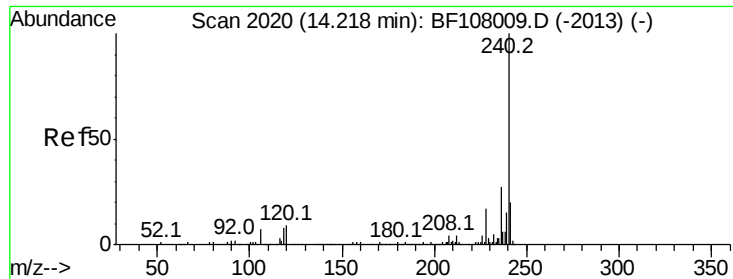
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108148.D
Acq: 14 Aug 2018 16:47

Tgt Ion:188 Resp: 476317
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.9 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: BF108148.D

Acq: 14 Aug 2018 16:47

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

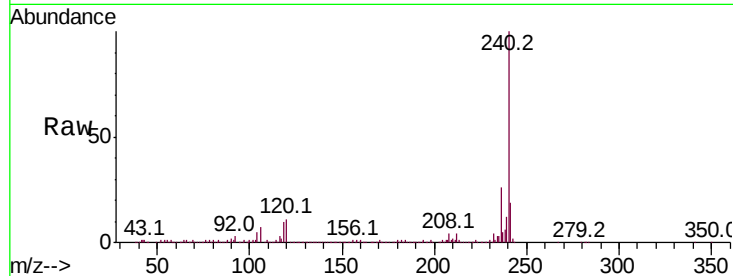
Tot Ion:240 Resp: 474248

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

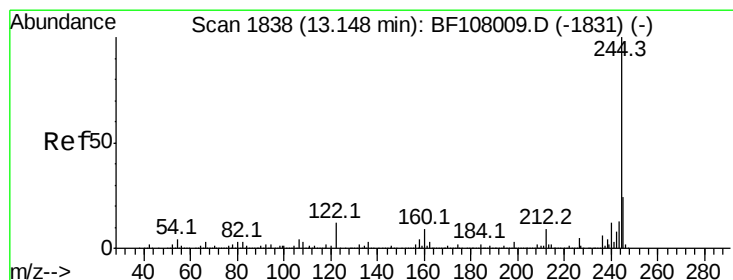
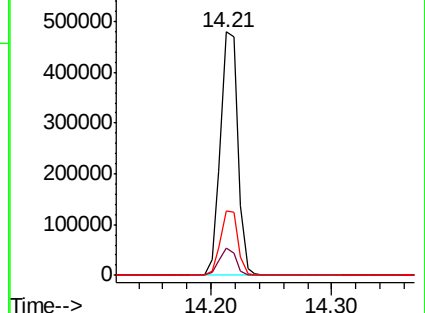
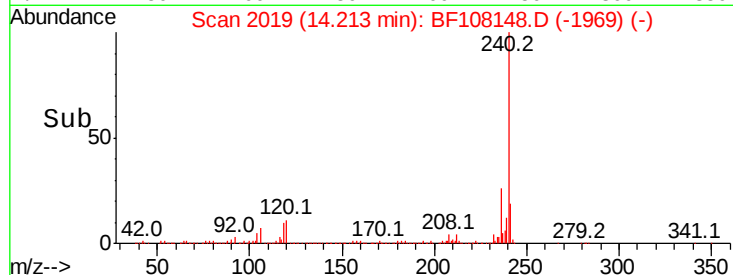
236 26.2 20.7 31.1



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: 46.304 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108148.D

Acq: 14 Aug 2018 16:47

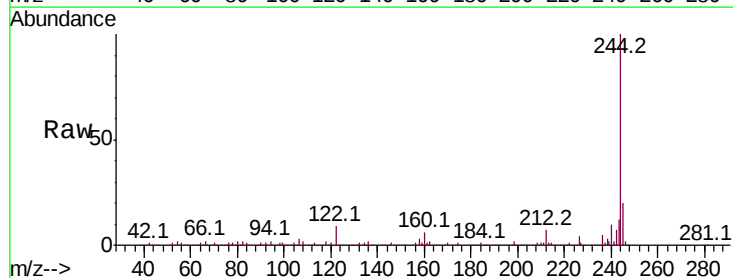
Tgt Ion:244 Resp: 863671

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

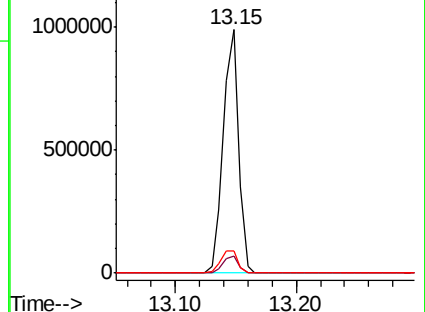
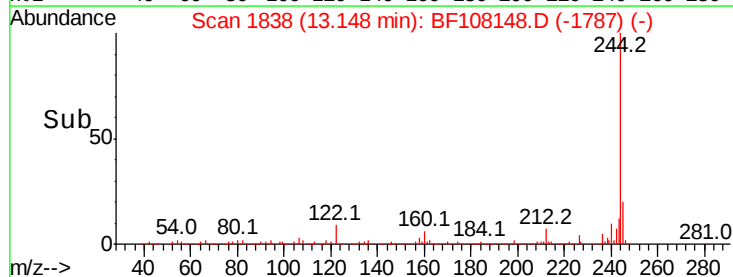
122 9.1 11.0 16.4#

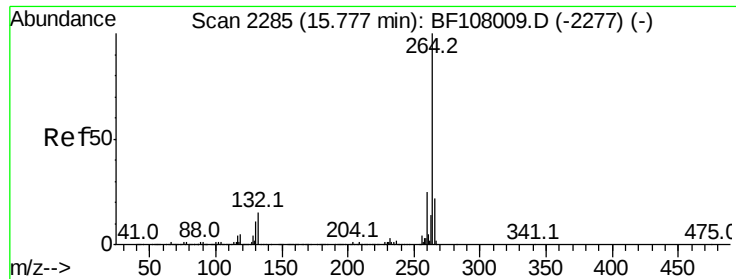


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108148.D
Acq: 14 Aug 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

