

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108160.D
 Acq On : 15 Aug 2018 12:43
 Operator : JU/SJ
 Sample : J4454-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61A

Quant Time: Aug 15 13:45:59 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

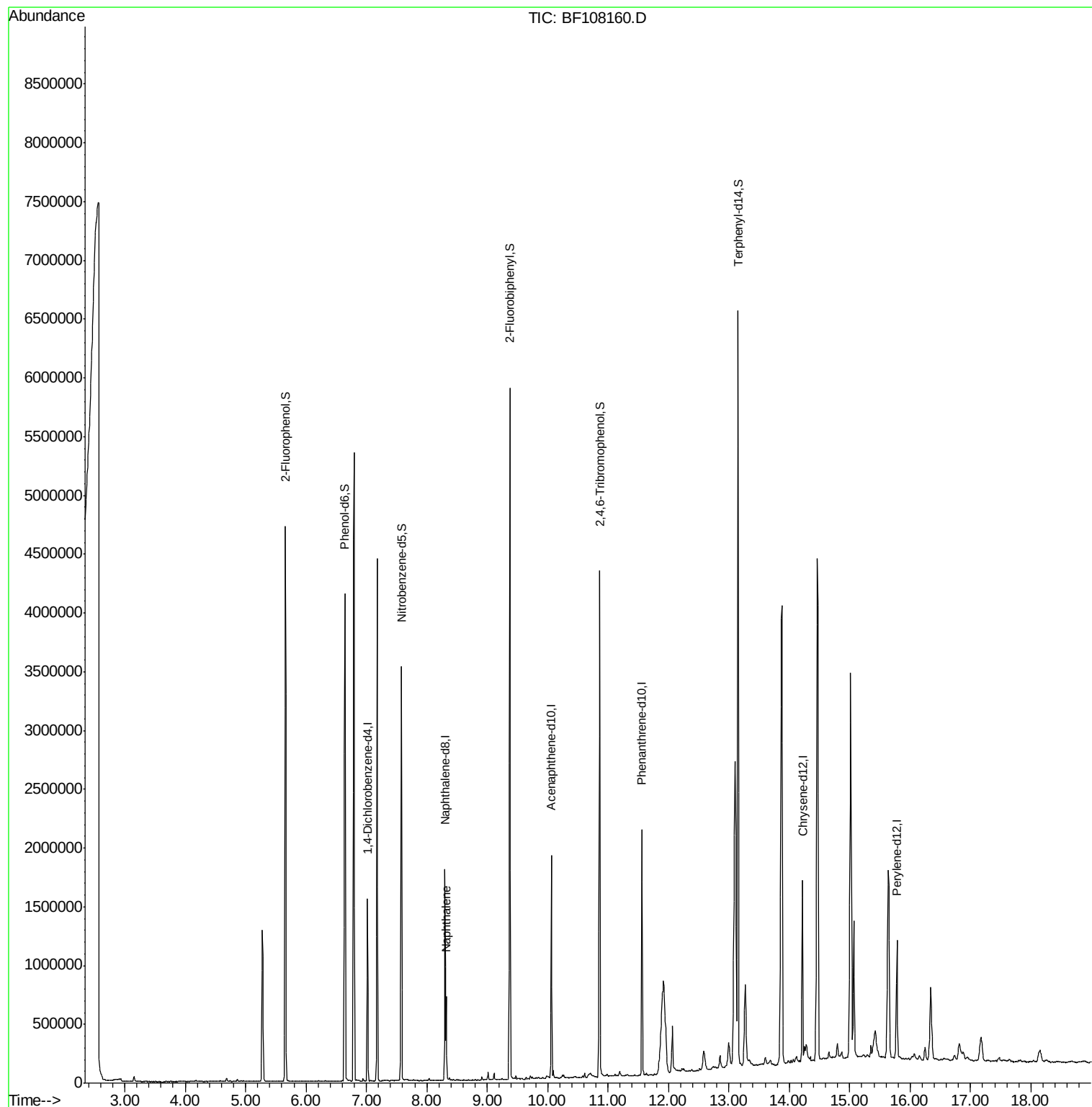
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	198289	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	734394	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	378614	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	748016	20.00	ng	0.00
75) Chrysene-d12	14.22	240	541777	20.00	ng	0.00
86) Perylene-d12	15.78	264	509754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1211150	110.58	ng	0.03
7) Phenol-d6	6.64	99	1486553	102.14	ng	0.01
23) Nitrobenzene-d5	7.58	82	1183377	89.92	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	537068	142.21	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1976277	83.80	ng	0.00
78) Terphenyl-d14	13.15	244	2231943	104.75	ng	0.00
Target Compounds						
31) Naphthalene	8.32	128	311141	9.316	ng	99

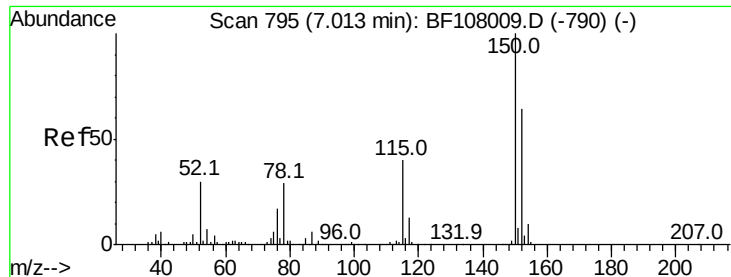
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108160.D
Acq On : 15 Aug 2018 12:43
Operator : JU/SJ
Sample : J4454-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61A

Quant Time: Aug 15 13:45:59 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



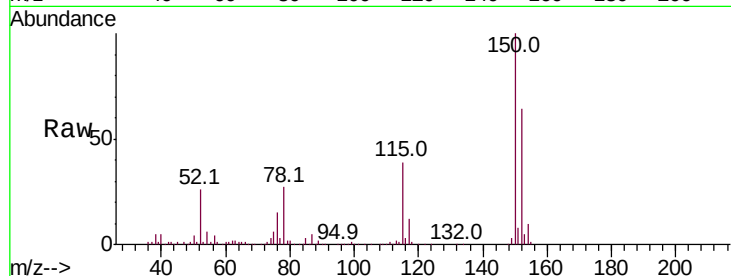


#1

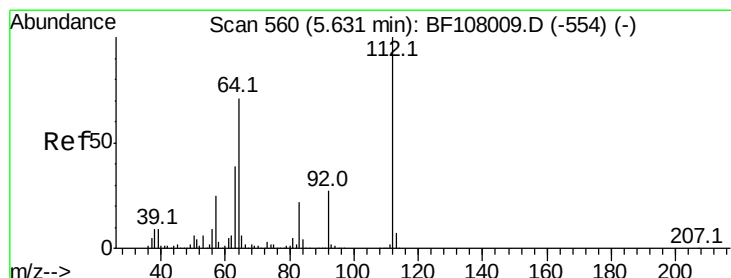
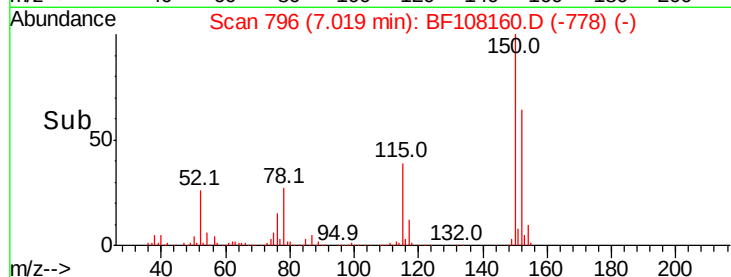
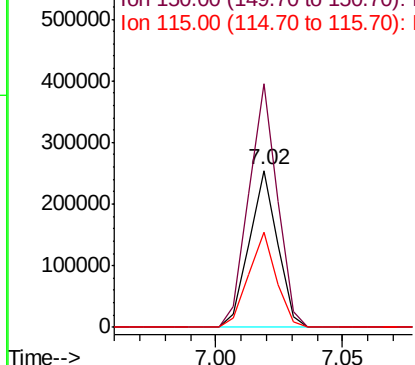
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108160.D
Acq: 15 Aug 2018 12:43

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61A

Tot Ion:152 Resp: 198289
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 60.4 50.1 75.1



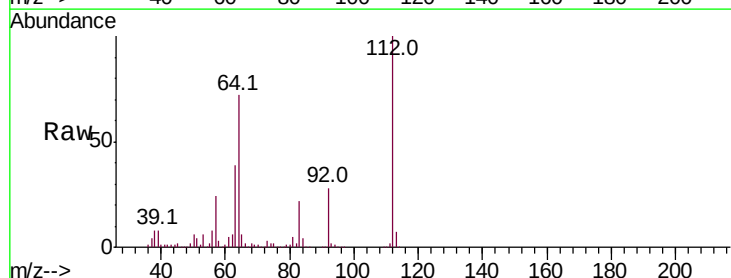
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



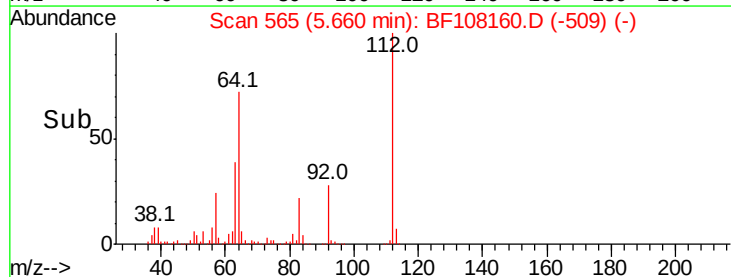
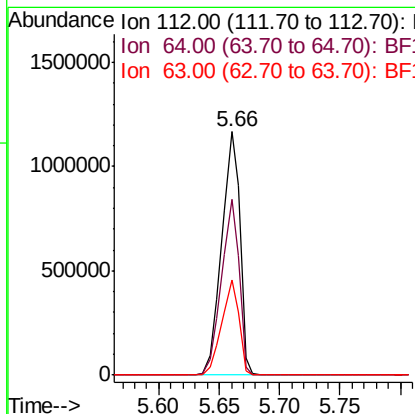
#5

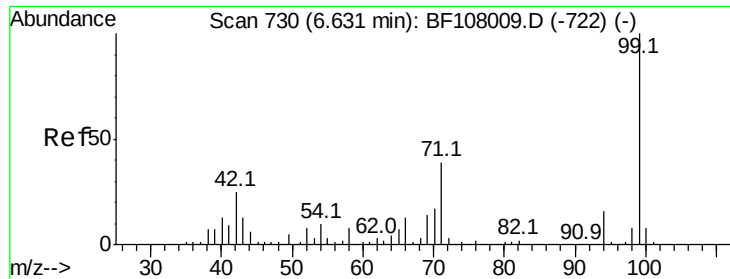
2-Fluorophenol
Concen: 110.583 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF108160.D
Acq: 15 Aug 2018 12:43

Tgt Ion:112 Resp: 1211150
Ion Ratio Lower Upper
112 100
64 72.0 47.9 71.9#
63 38.9 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: 102.138 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108160.D

Acq: 15 Aug 2018 12:43

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61A

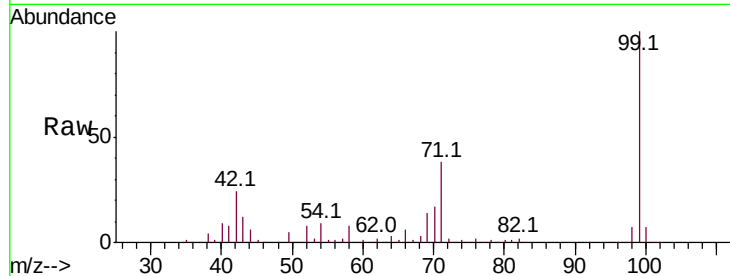
Tot Ion: 99 Resp: 1486553

Ion Ratio Lower Upper

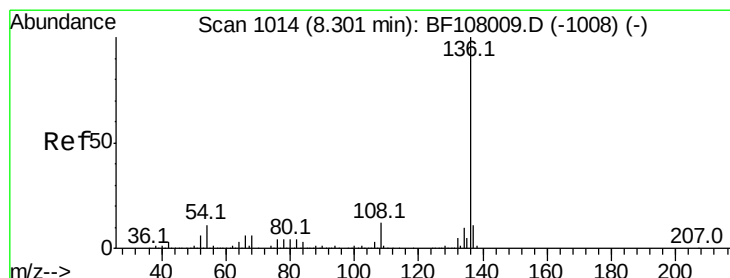
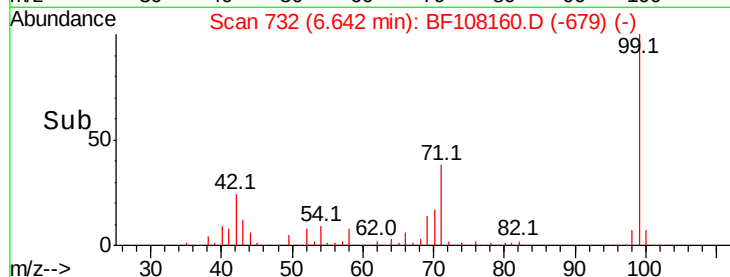
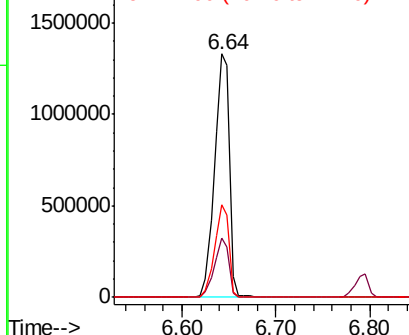
99 100

42 24.1 14.5 21.7#

71 38.1 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: BF108160.D

Acq: 15 Aug 2018 12:43

Tgt Ion: 136 Resp: 734394

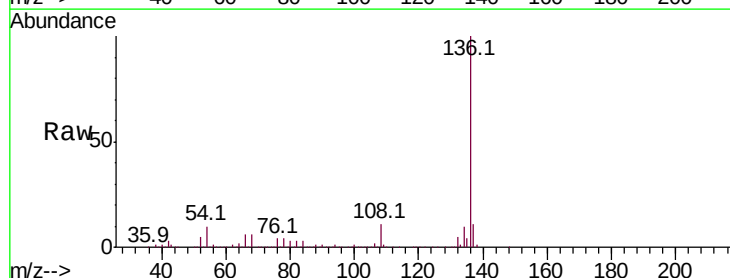
Ion Ratio Lower Upper

136 100

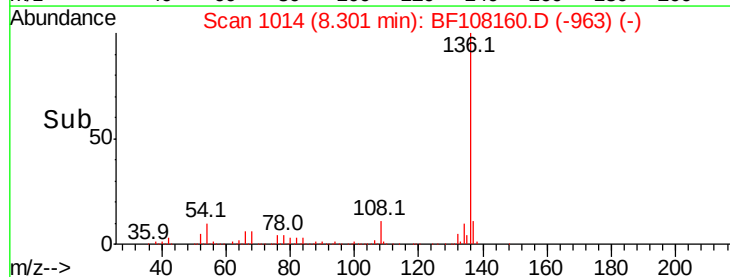
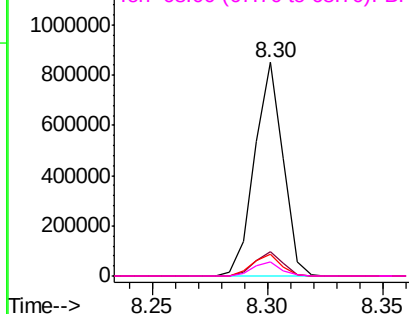
137 11.2 8.9 13.3

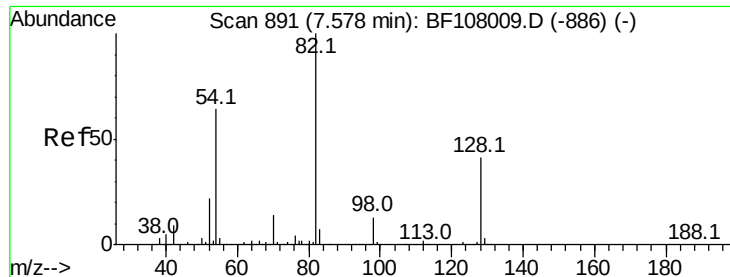
54 10.1 6.6 9.8#

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

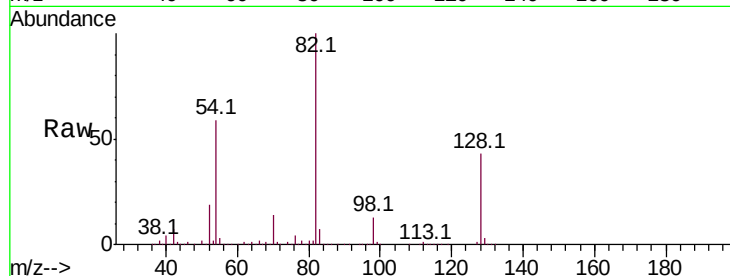




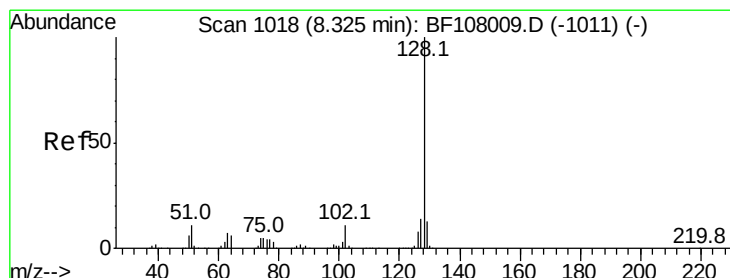
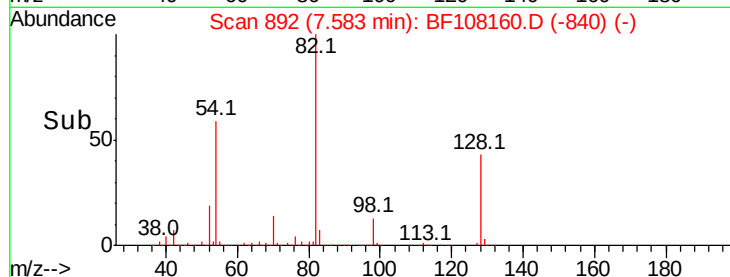
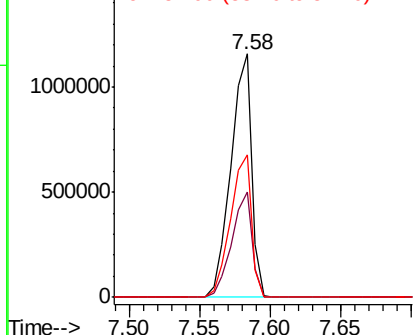
#23
Nitrobenzene-d5
Concen: 89.917 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108160.D
Acq: 15 Aug 2018 12:43

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61A

Tot Ion: 82 Resp: 1183377
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 58.5 41.4 62.2

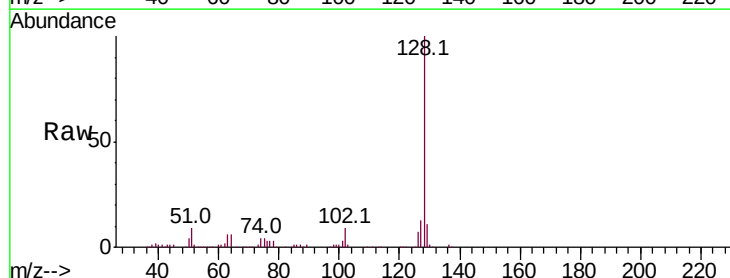


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

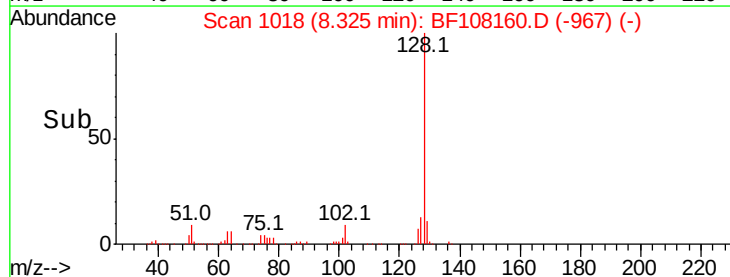
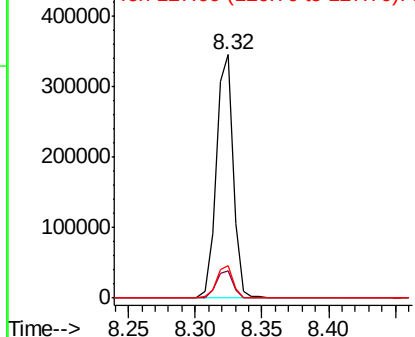


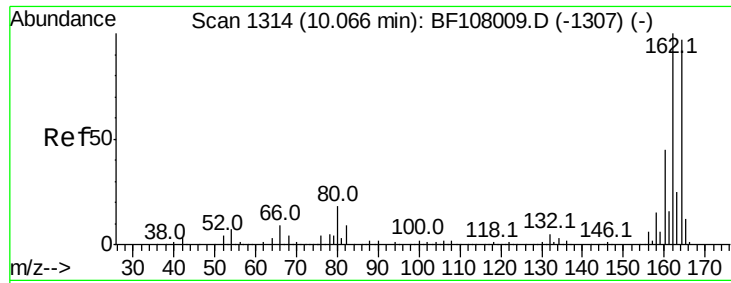
#31
Naphthalene
Concen: 9.316 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108160.D
Acq: 15 Aug 2018 12:43

Tgt Ion:128 Resp: 311141
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

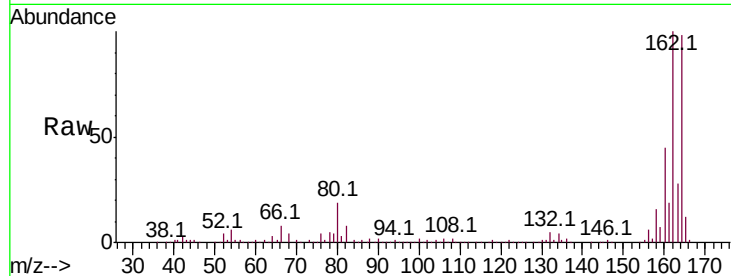




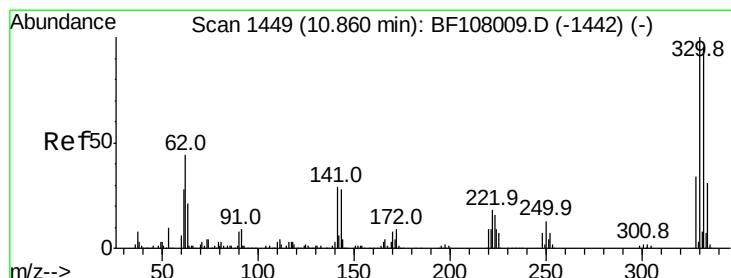
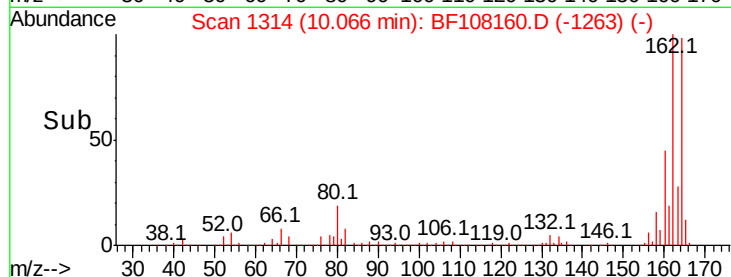
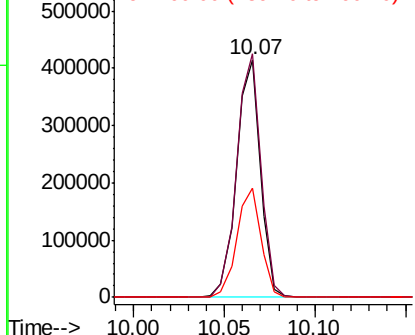
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108160.D
 Acq: 15 Aug 2018 12:43

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61A

Tot Ion:164 Resp: 378614
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 46.0 38.3 57.5

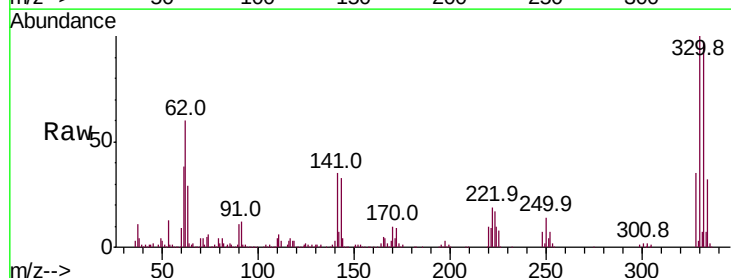


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

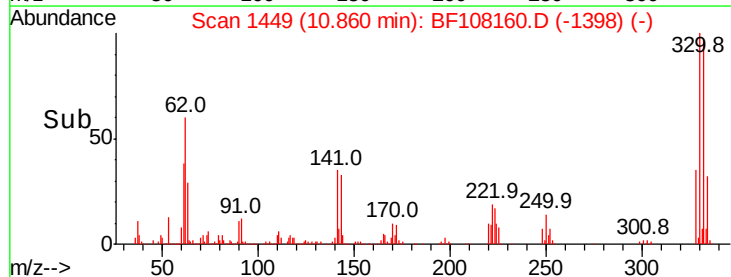
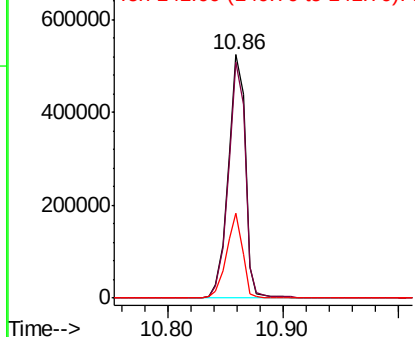


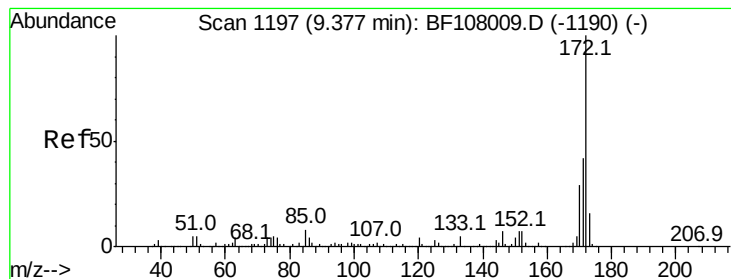
#41
 2,4,6-Tribromophenol
 Concen: 142.210 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108160.D
 Acq: 15 Aug 2018 12:43

Tgt Ion:330 Resp: 537068
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.0 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: 83.802 ng

RT: 9.38 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF108160.D

Acq: 15 Aug 2018 12:43

Instrument :

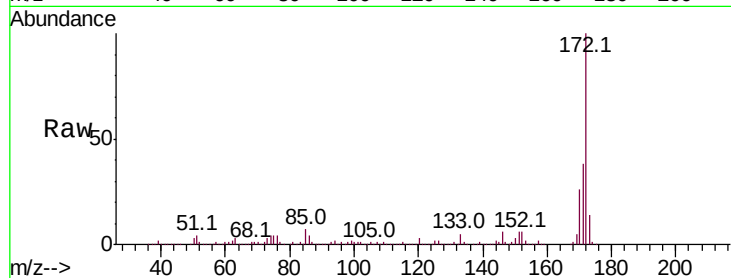
BNA_F

ClientSampleId :

CB-0818-S-TCLP-61A

Tot Ion:172 Resp: 1976277

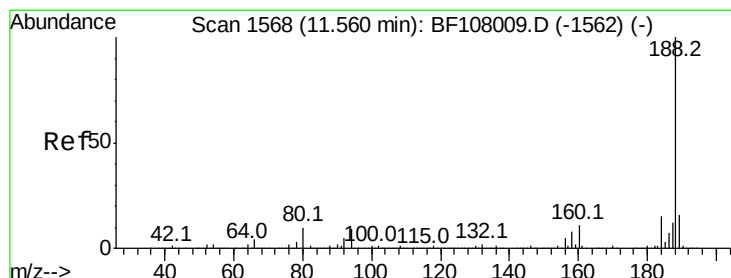
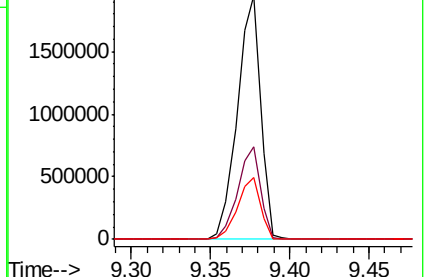
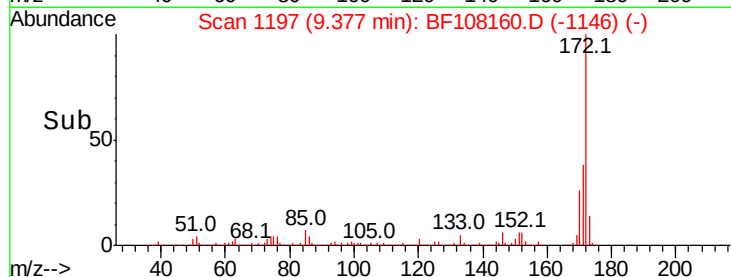
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.6	19.6	29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

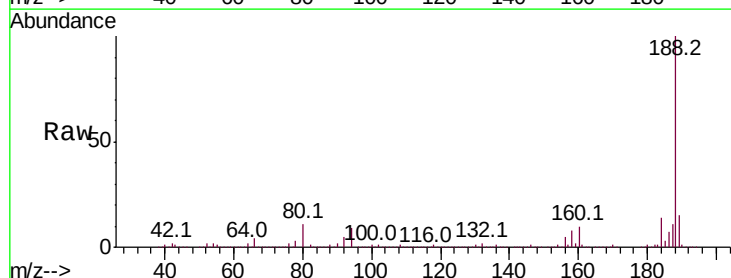
Delta R.T. 0.00 min

Lab File: BF108160.D

Acq: 15 Aug 2018 12:43

Tgt Ion:188 Resp: 748016

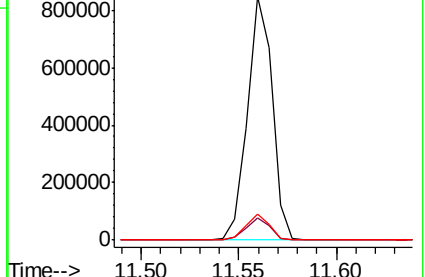
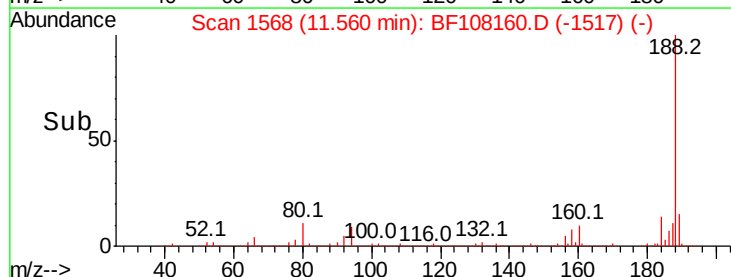
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.7	9.2	13.8

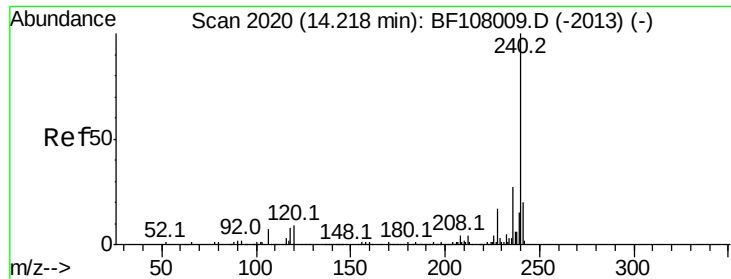


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108160.D

Acq: 15 Aug 2018 12:43

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61A

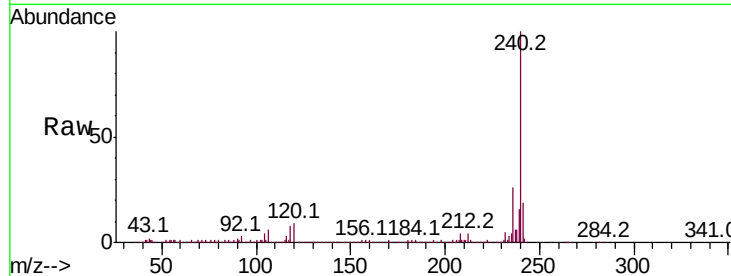
Tot Ion:240 Resp: 541777

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

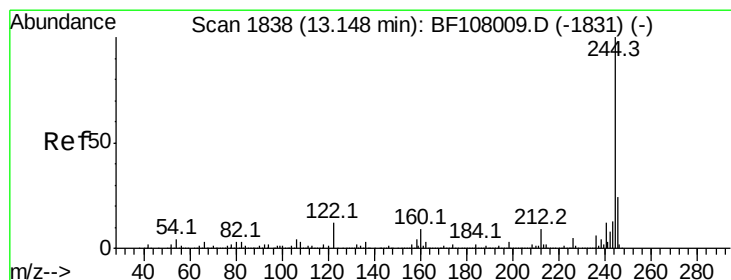
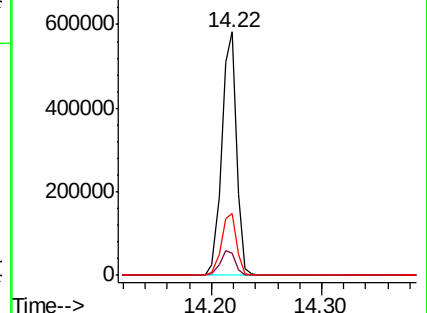
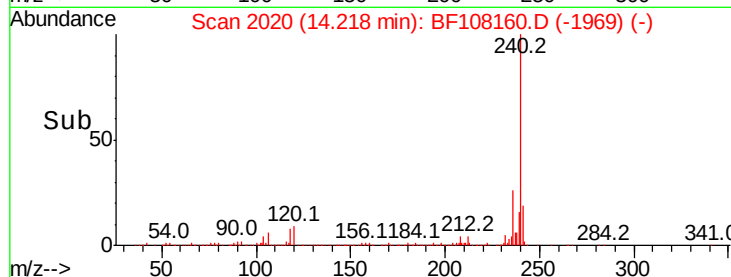
236 25.6 20.7 31.1



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: 104.745 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108160.D

Acq: 15 Aug 2018 12:43

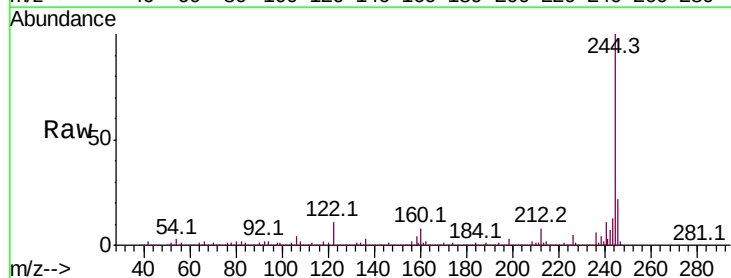
Tgt Ion:244 Resp: 2231943

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

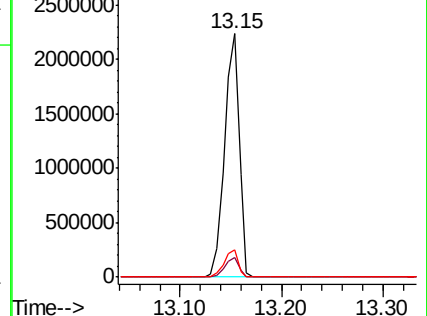
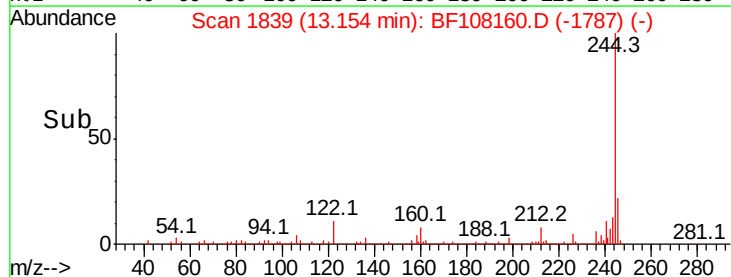
122 11.0 11.0 16.4#

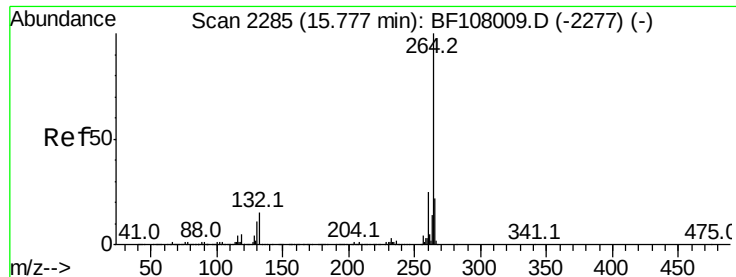


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108160.D
 Acq: 15 Aug 2018 12:43

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

