

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108335.D
 Acq On : 21 Aug 2018 13:30
 Operator : JU/SJ
 Sample : J4521-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12003

Quant Time: Aug 21 14:03:36 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

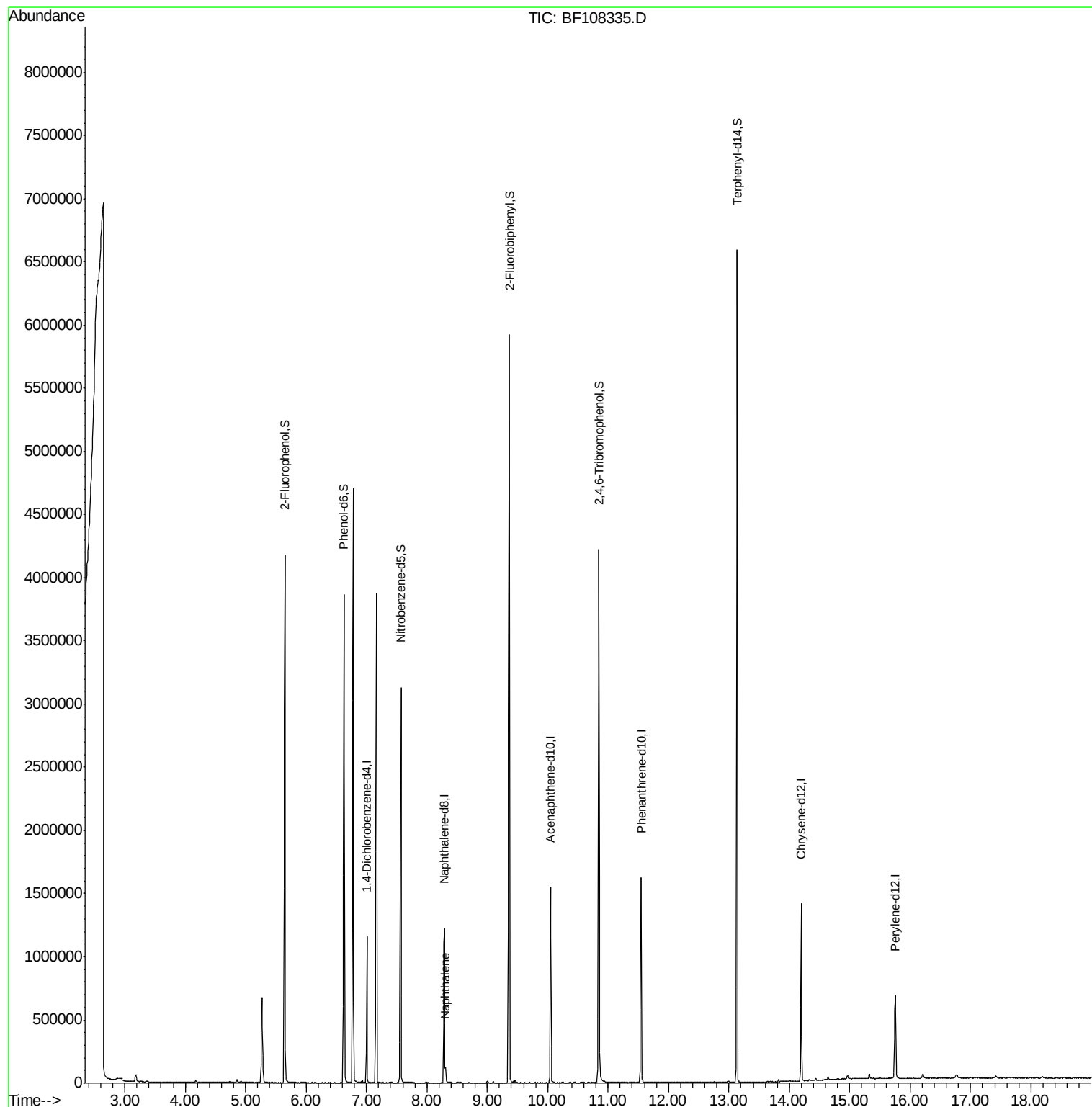
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	159454	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	592731	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	308774	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	652978	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	500083	20.00	ng	-0.02
86) Perylene-d12	15.75	264	336412	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1145766	130.09	ng	0.02
7) Phenol-d6	6.63	99	1386014	118.42	ng	0.00
23) Nitrobenzene-d5	7.57	82	1145039	107.80	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	548984	178.24	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2050840	106.63	ng	-0.01
78) Terphenyl-d14	13.14	244	2464679	125.31	ng	-0.01
Target Compounds						
31) Naphthalene	8.31	128	59841	2.220	ng	Qvalue 99

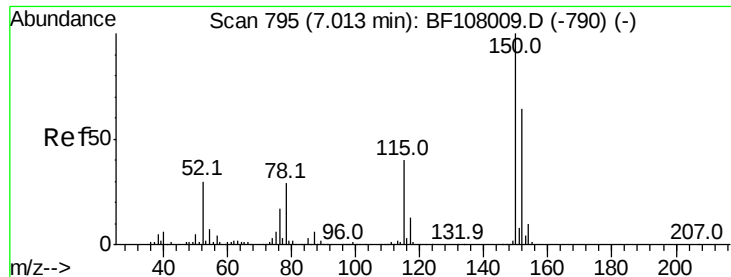
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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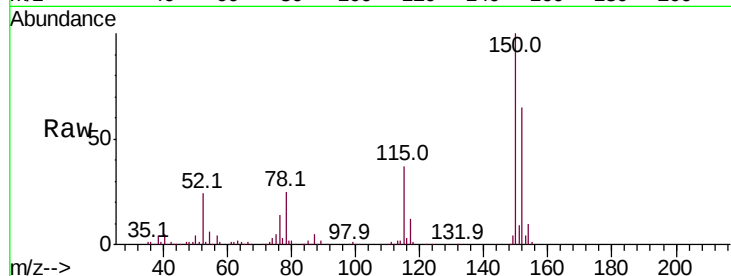


#1

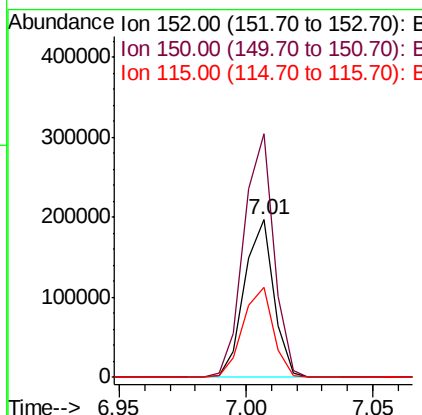
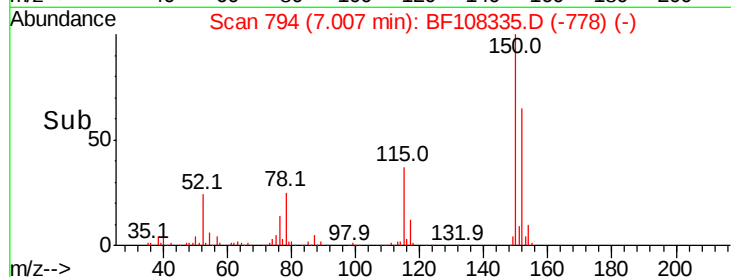
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

Instrument :
BNA_F
ClientSampleId :
72-12003

Tot Ion:152 Resp: 159454
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 57.0 50.1 75.1



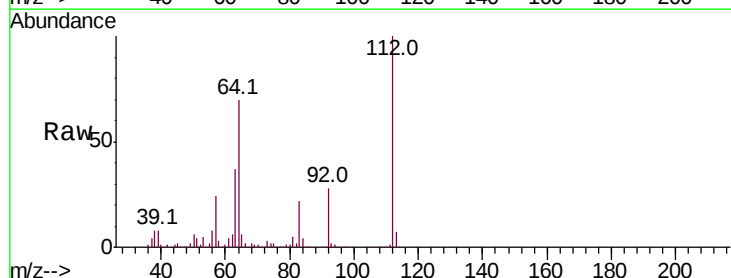
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



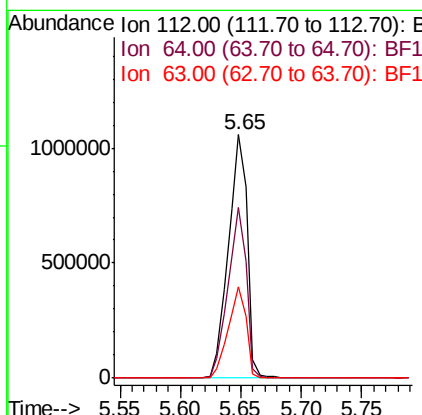
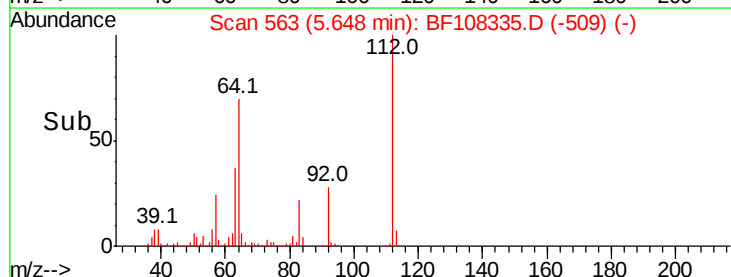
#5

2-Fluorophenol
Concen: 130.091 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

Tgt Ion:112 Resp: 1145766
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: 118.424 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108335.D

Acq: 21 Aug 2018 13:30

Instrument :

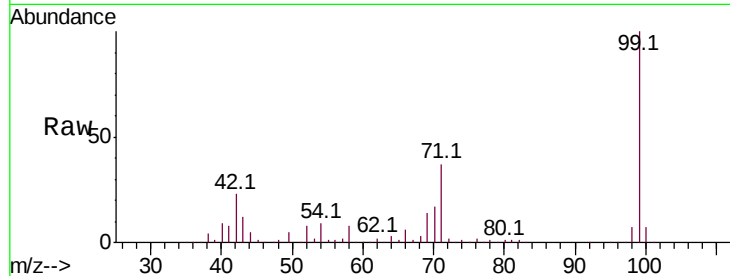
BNA_F

ClientSampleId :

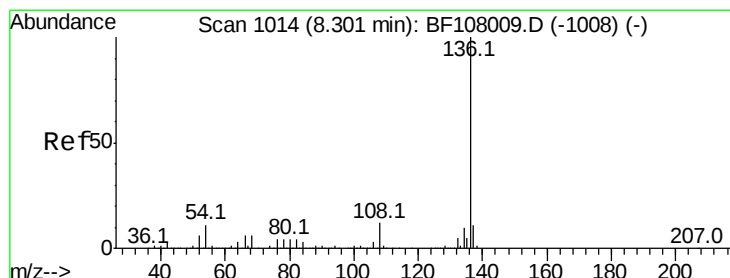
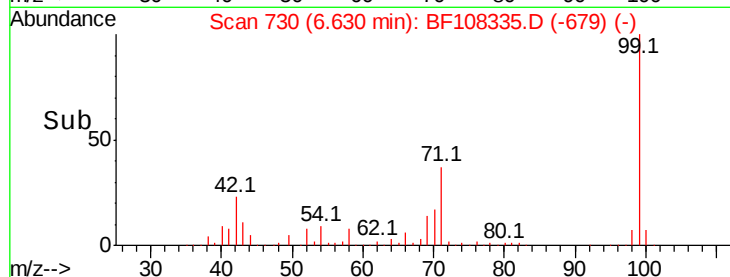
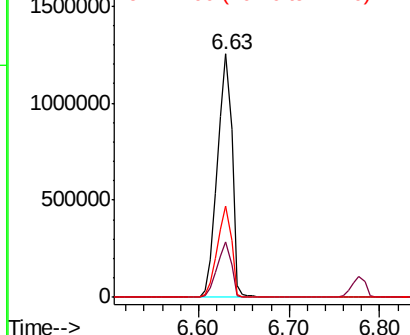
72-12003

Tot Ion: 99 Resp: 1386014

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.4	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: 8.29 min Scan# 1012

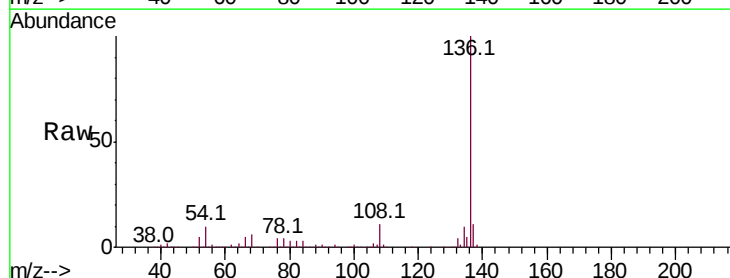
Delta R.T. -0.01 min

Lab File: BF108335.D

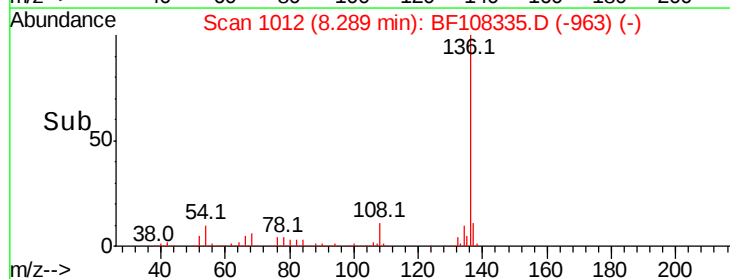
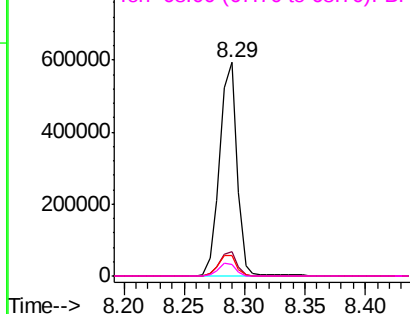
Acq: 21 Aug 2018 13:30

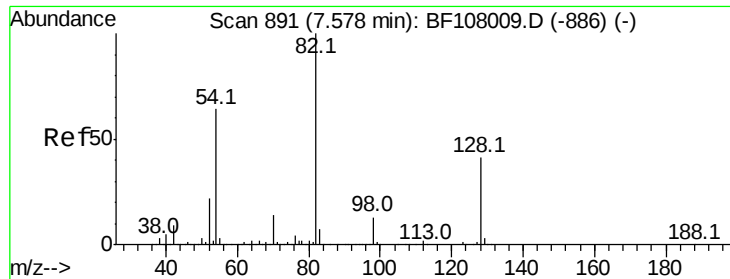
Tgt Ion: 136 Resp: 592731

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.8	6.6	9.8
68	5.5	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

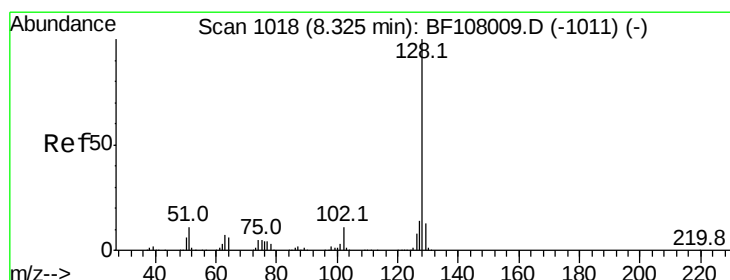
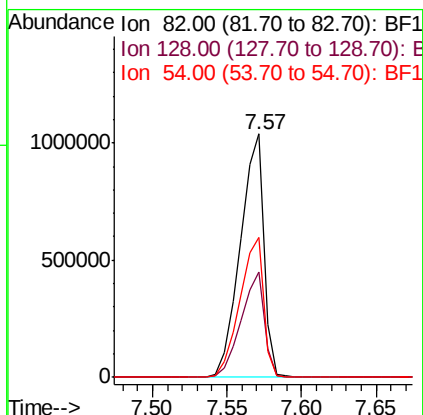
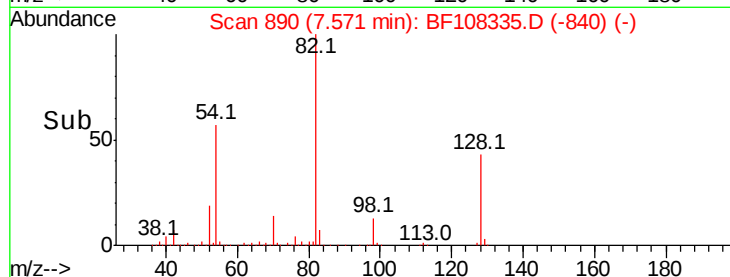
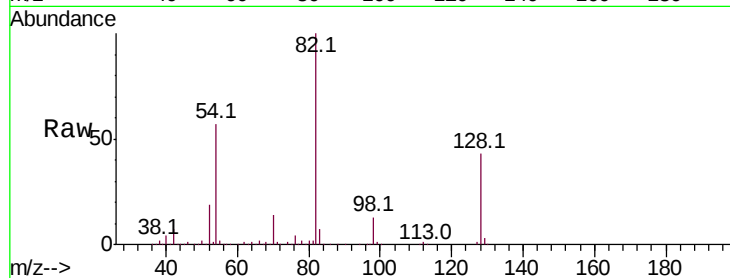




#23
Nitrobenzene-d5
Concen: 107.797 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

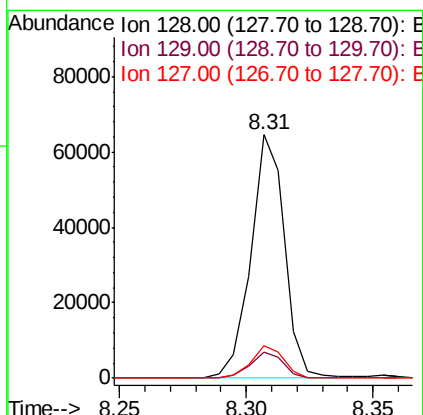
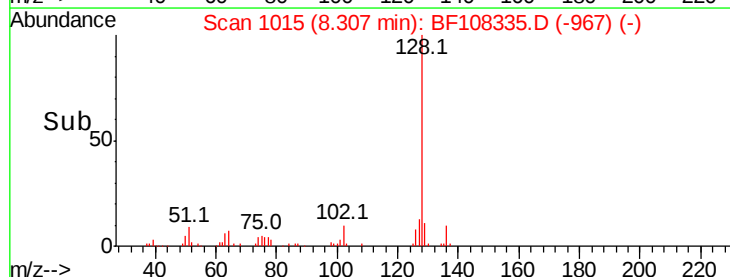
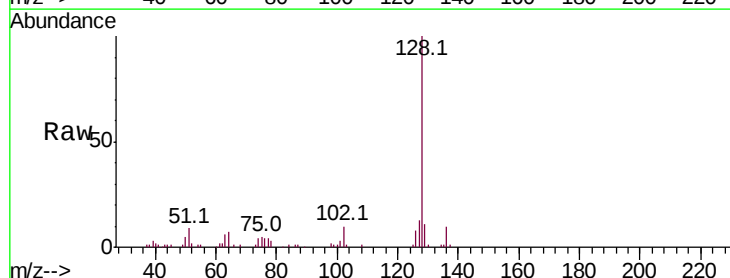
Instrument :
BNA_F
ClientSampleId :
72-12003

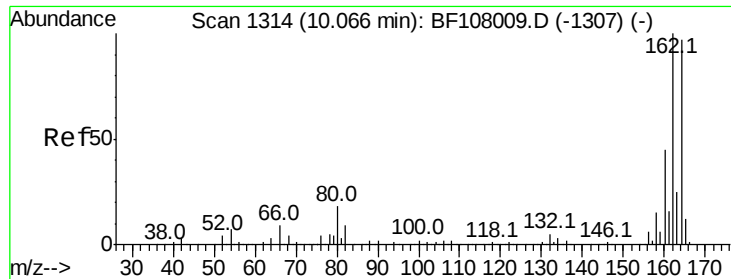
Tot Ion: 82 Resp: 1145039
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 57.3 41.4 62.2



#31
Naphthalene
Concen: 2.220 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

Tgt Ion:128 Resp: 59841
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3

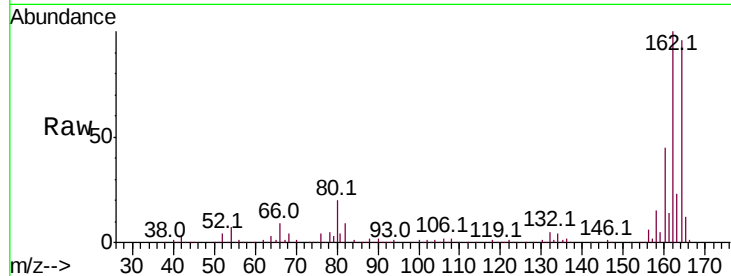




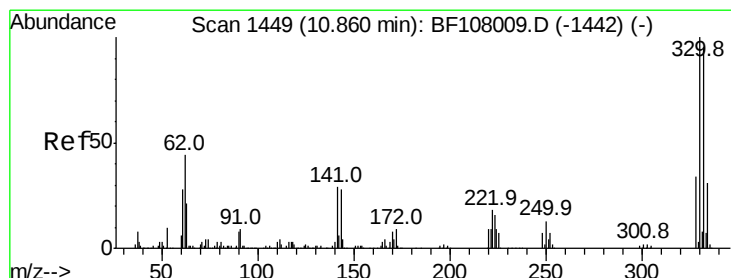
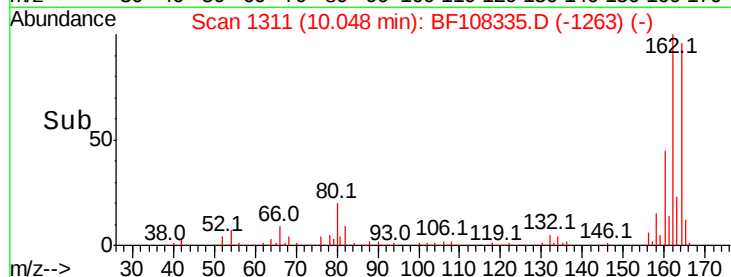
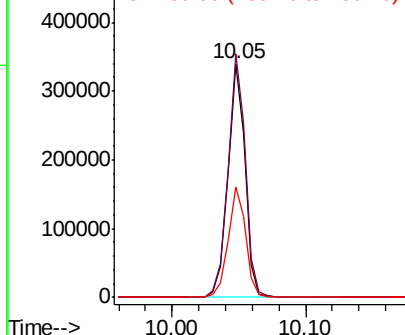
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

Instrument :
BNA_F
ClientSampleId :
72-12003

Tot Ion:164 Resp: 308774
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.3 38.3 57.5

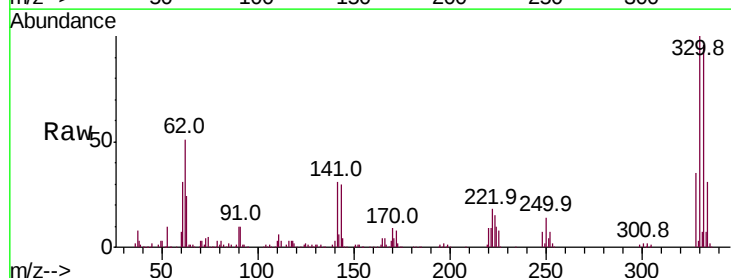


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

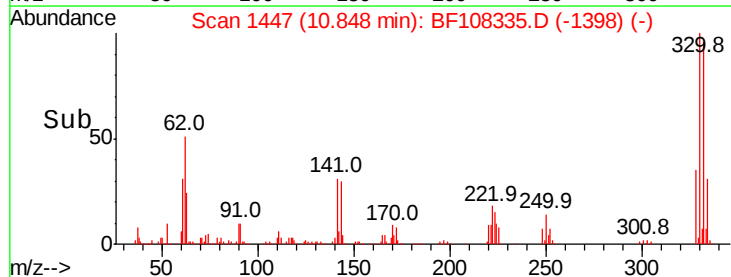
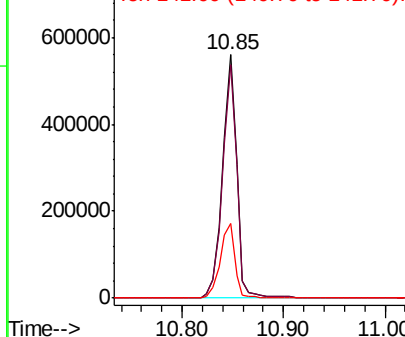


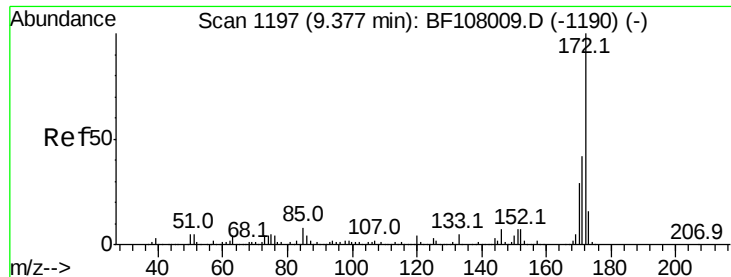
#41
2,4,6-Tribromophenol
Concen: 178.245 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

Tgt Ion:330 Resp: 548984
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 31.8 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



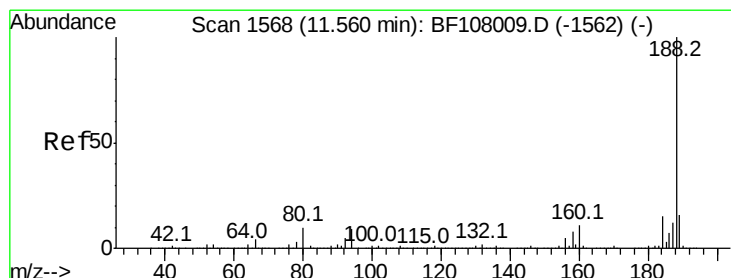
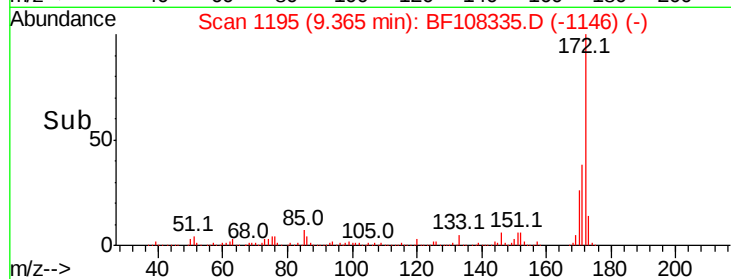
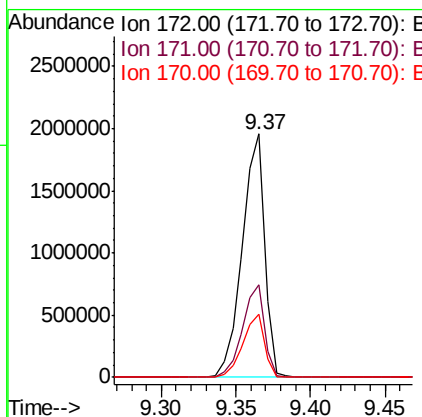
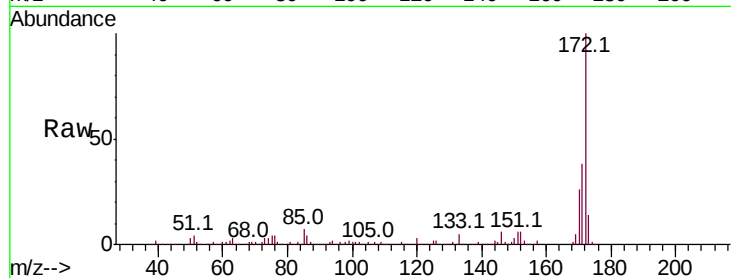


#44
 2-Fluorobiphenyl
 Concen: 106.633 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108335.D
 Acq: 21 Aug 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 72-12003

Tot Ion:172 Resp: 2050840

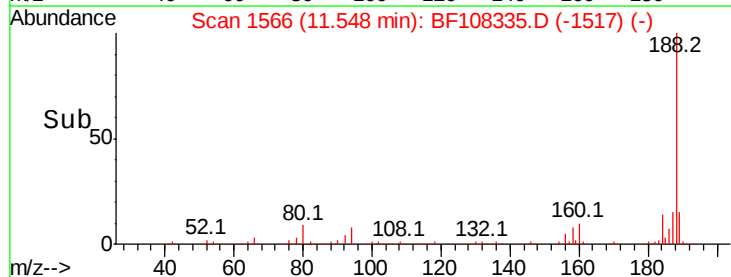
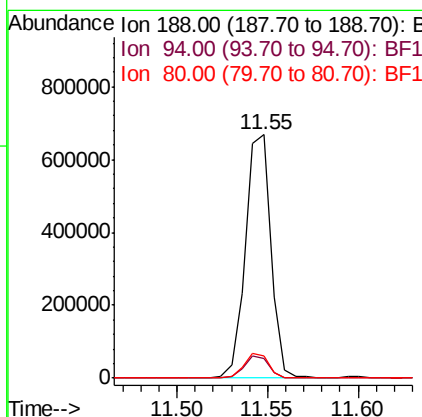
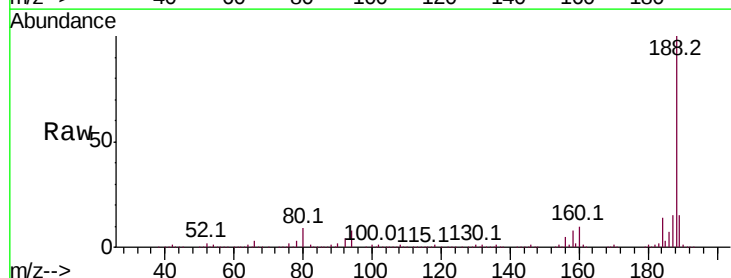
Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.8	19.6	29.4

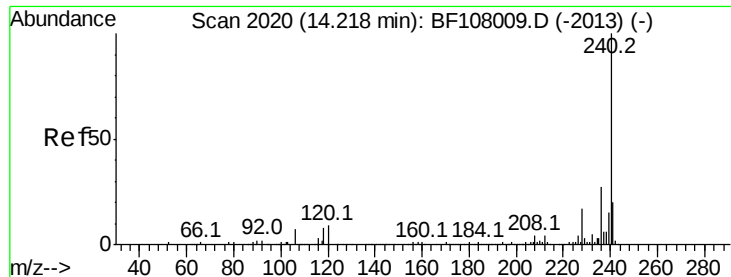


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108335.D
 Acq: 21 Aug 2018 13:30

Tgt Ion:188 Resp: 652978

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.1	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108335.D

Acq: 21 Aug 2018 13:30

Instrument :

BNA_F

ClientSampleId :

72-12003

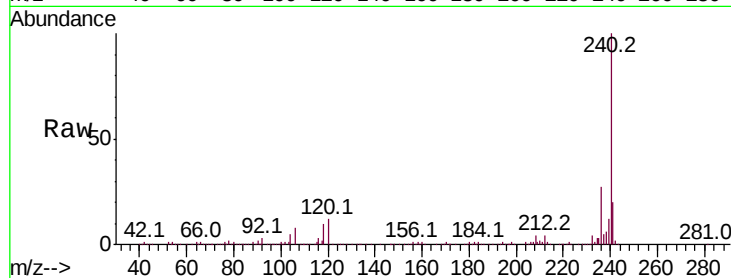
Tot Ion:240 Resp: 500083

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

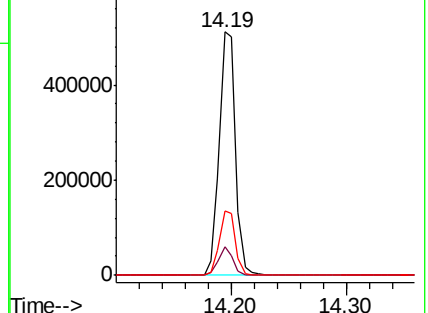
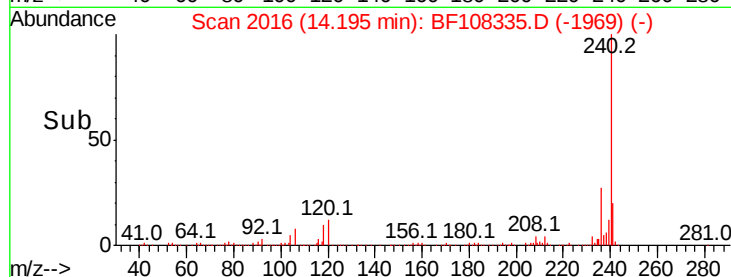
236 26.7 20.7 31.1



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: 125.312 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108335.D

Acq: 21 Aug 2018 13:30

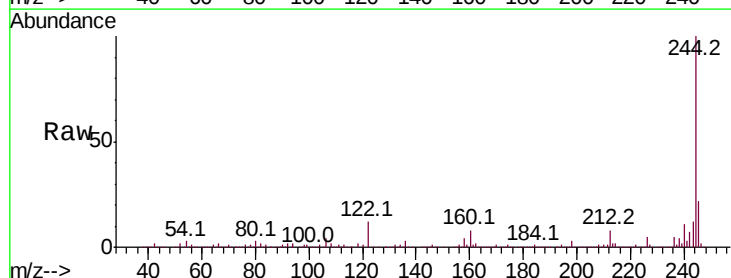
Tgt Ion:244 Resp: 2464679

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

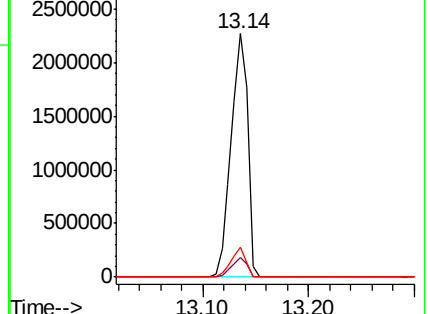
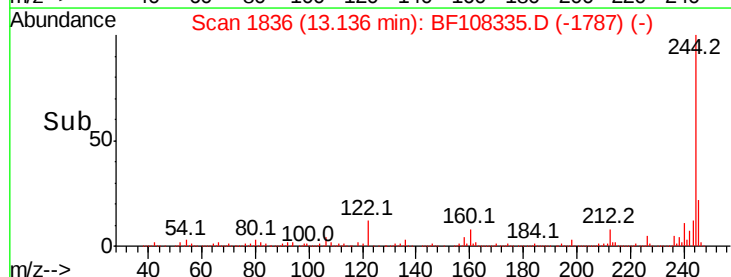
122 12.2 11.0 16.4

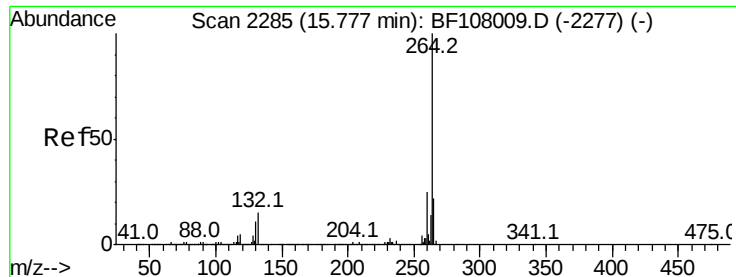


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

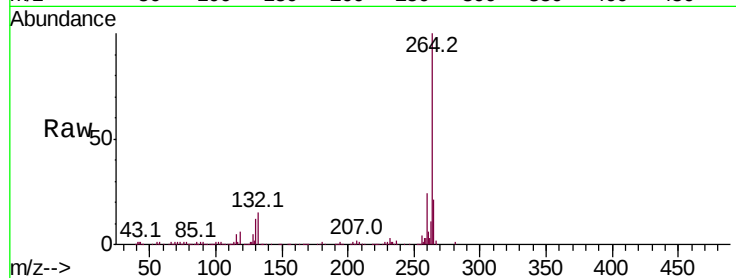




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108335.D
Acq: 21 Aug 2018 13:30

Instrument :
BNA_F
ClientSampleId :
72-12003

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

