

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108204.D
 Acq On : 16 Aug 2018 19:27
 Operator : JU/SJ
 Sample : J4282-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-A

Quant Time: Aug 17 04:24:02 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

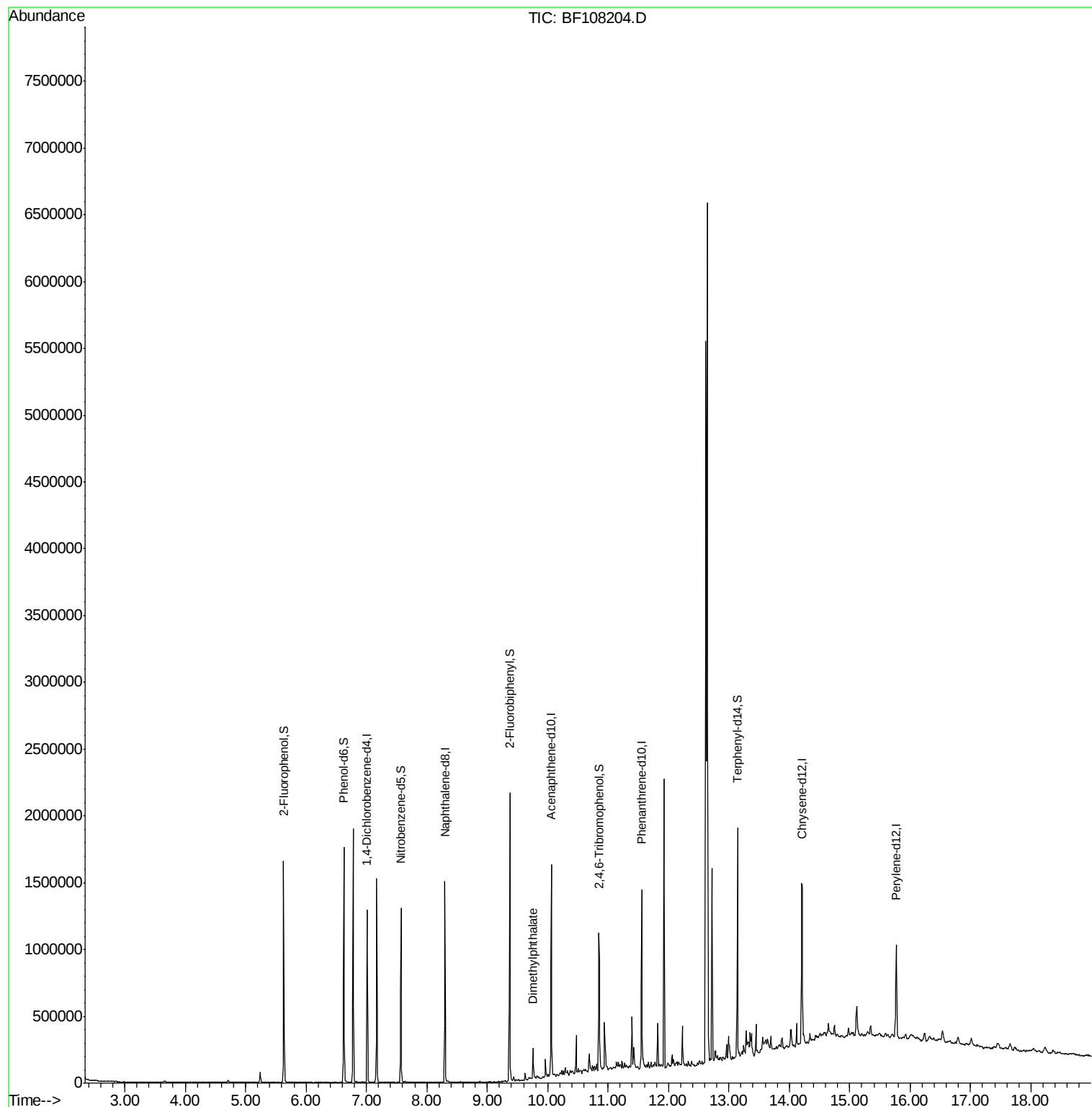
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	177854	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	647902	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	291732	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	475598	20.00	ng	0.00
75) Chrysene-d12	14.21	240	439242	20.00	ng	0.00
86) Perylene-d12	15.77	264	349011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	416484	42.40	ng	0.00
7) Phenol-d6	6.63	99	564046	43.21	ng	0.00
23) Nitrobenzene-d5	7.57	82	365984	31.52	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	120183	41.30	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	668499	36.79	ng	0.00
78) Terphenyl-d14	13.14	244	558222	32.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	66611	3.278	ng	Qvalue # 99

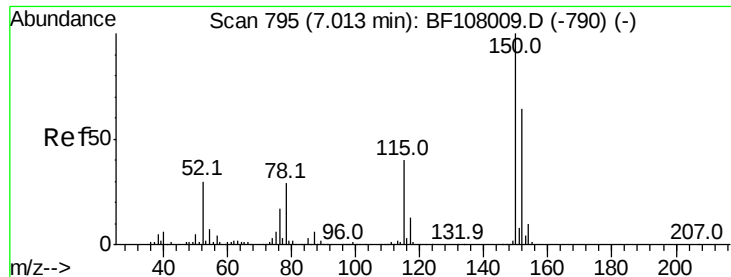
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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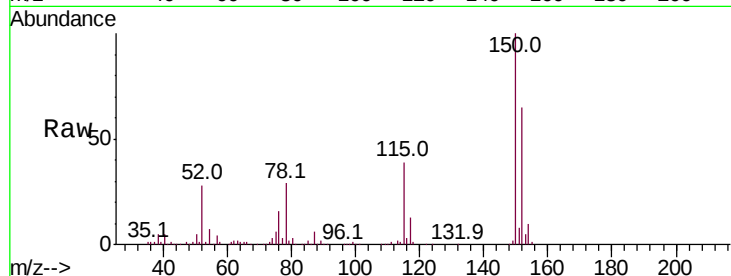


#1

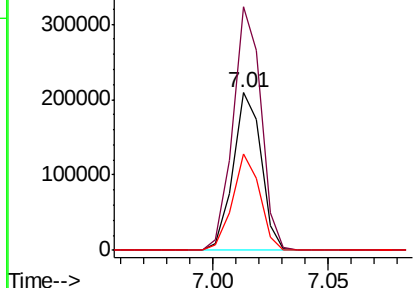
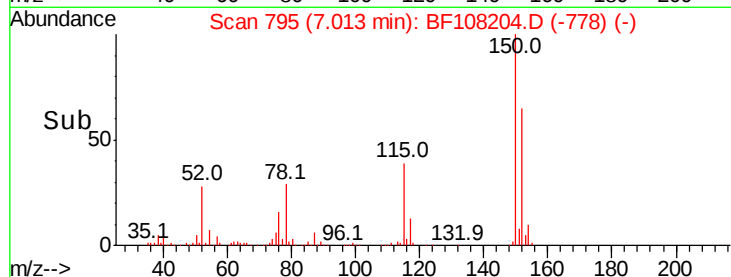
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108204.D
Acq: 16 Aug 2018 19:27

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.9	50.1	75.1



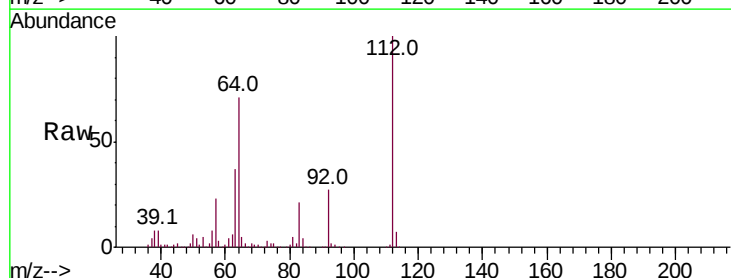
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



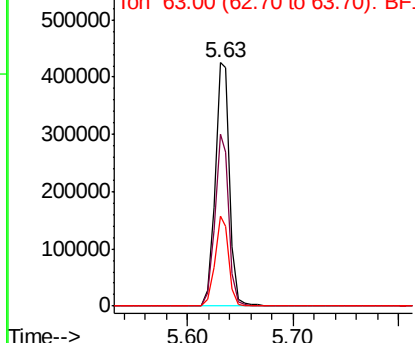
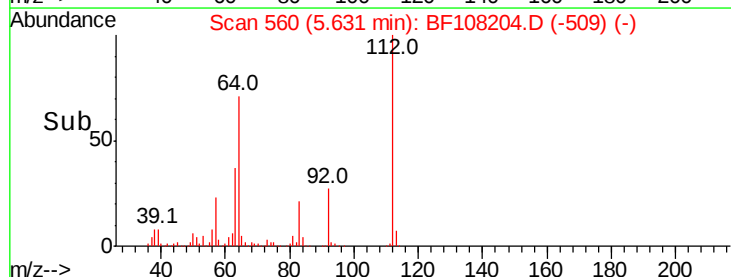
#5

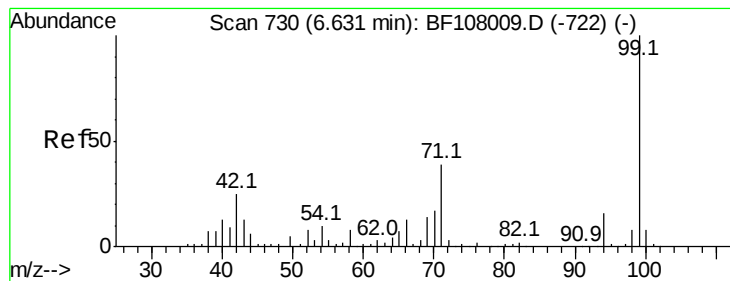
2-Fluorophenol
Concen: 42.396 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108204.D
Acq: 16 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	47.9	71.9
63	36.9	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: 43.207 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108204.D

Acq: 16 Aug 2018 19:27

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-A

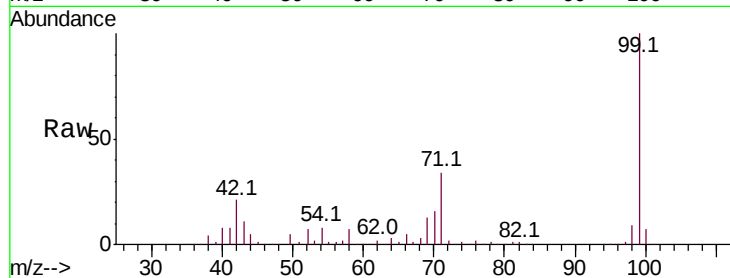
Tot Ion: 99 Resp: 564046

Ion Ratio Lower Upper

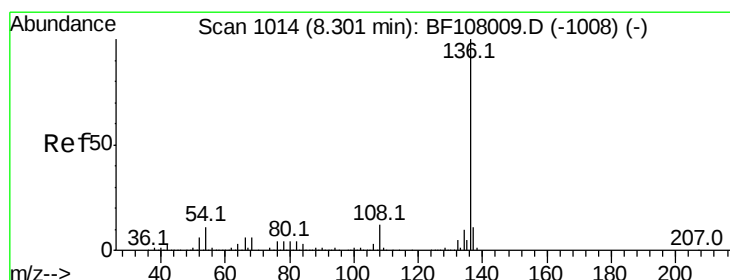
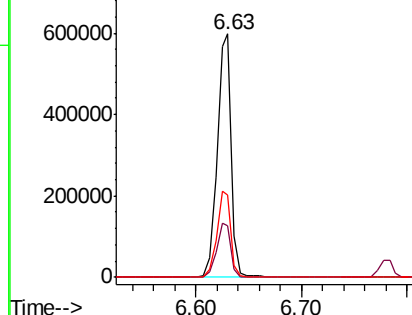
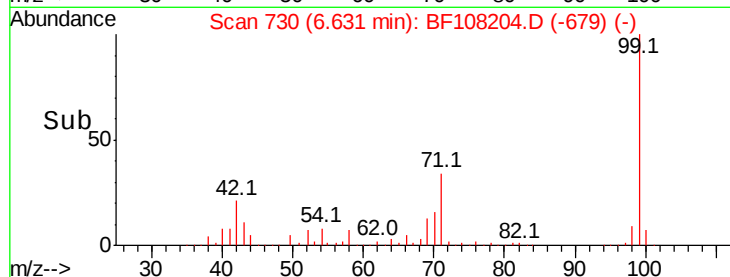
99 100

42 21.2 14.5 21.7

71 33.9 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: BF108204.D

Acq: 16 Aug 2018 19:27

Tgt Ion: 136 Resp: 647902

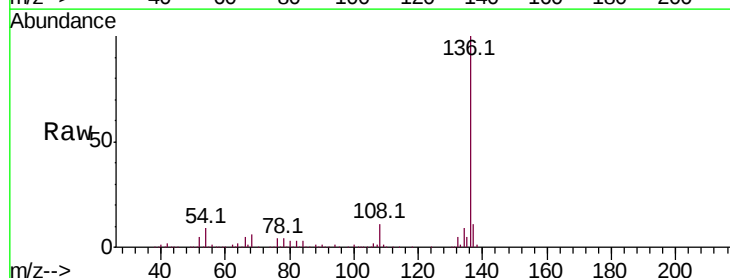
Ion Ratio Lower Upper

136 100

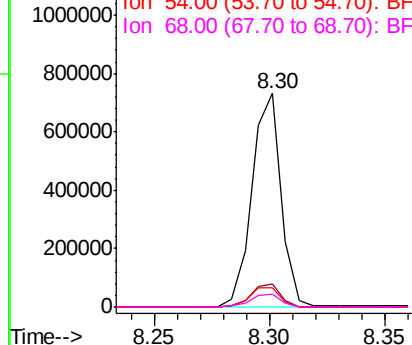
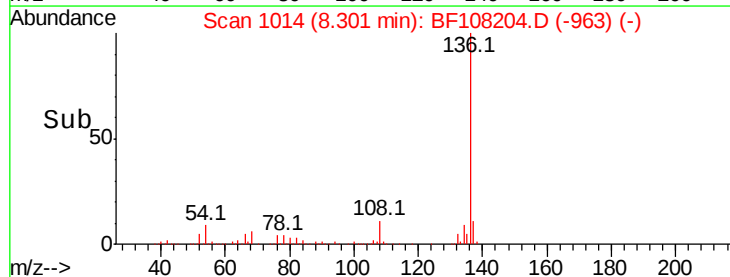
137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.9 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

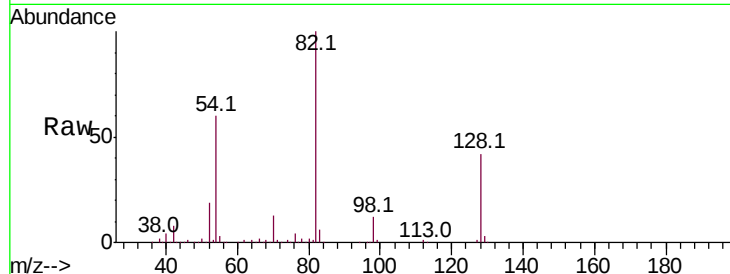




#23
 Nitrobenzene-d5
 Concen: 31.521 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108204.D
 Acq: 16 Aug 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	59.7	41.4	62.2

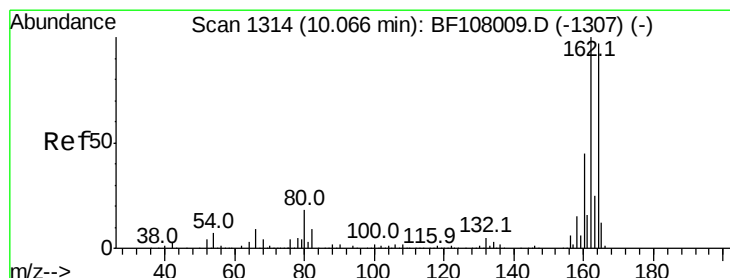
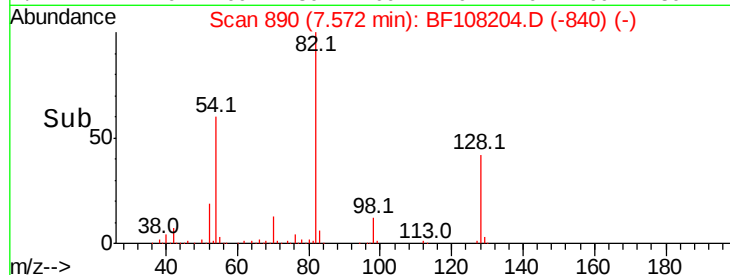
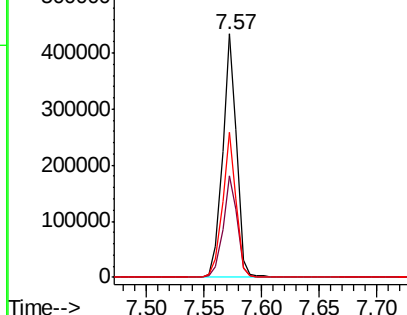


Abundance

Ion 82.00 (81.70 to 82.70): BF1

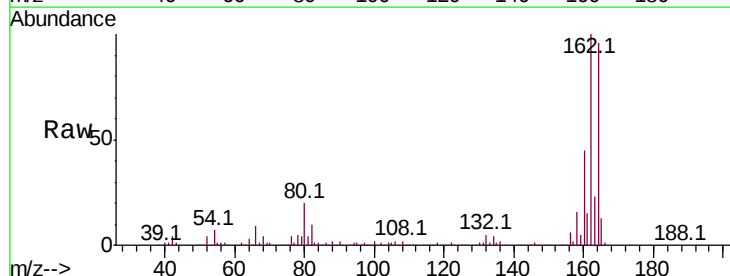
Ion 128.00 (127.70 to 128.70): BF1

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: BF108204.D
 Acq: 16 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.5	38.3	57.5

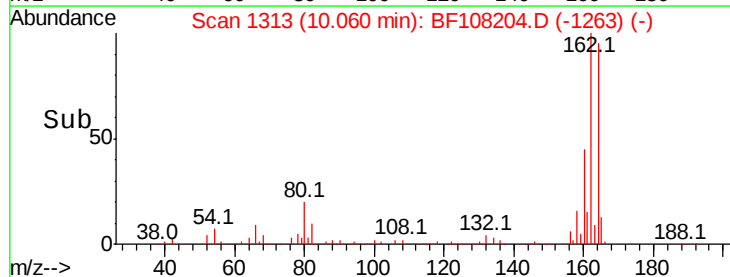
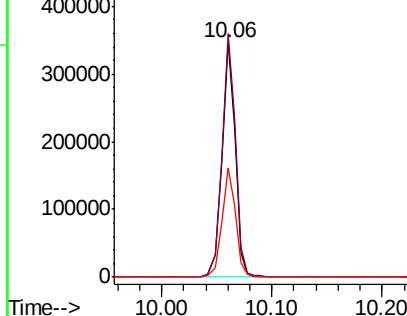


Abundance

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

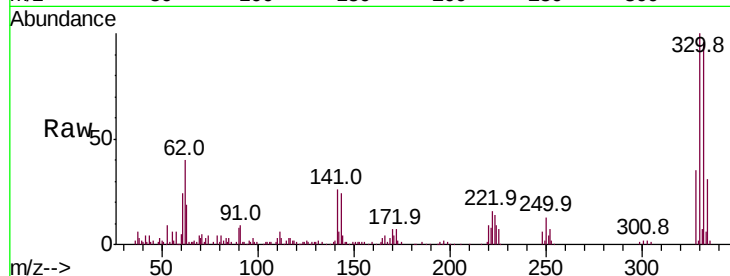




#41
 2,4,6-Tribromophenol
 Concen: 41.301 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108204.D
 Acq: 16 Aug 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.0	29.9	44.9

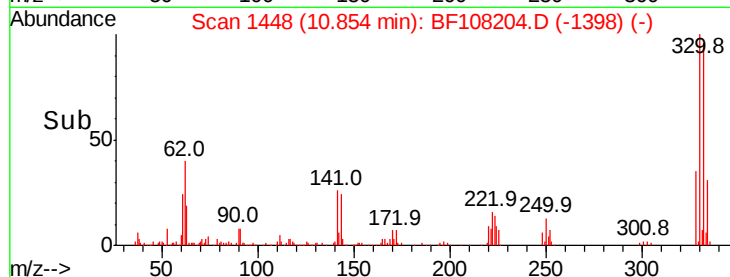
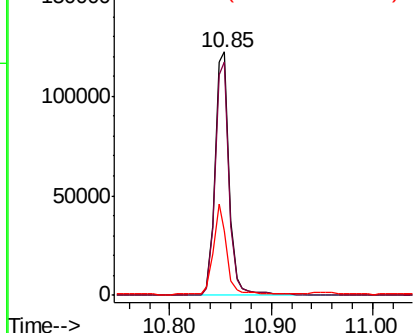


Abundance

Ion 329.80 (329.50 to 330.50): E

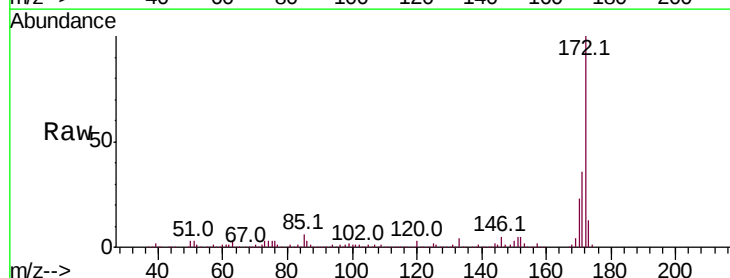
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 36.789 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108204.D
 Acq: 16 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4

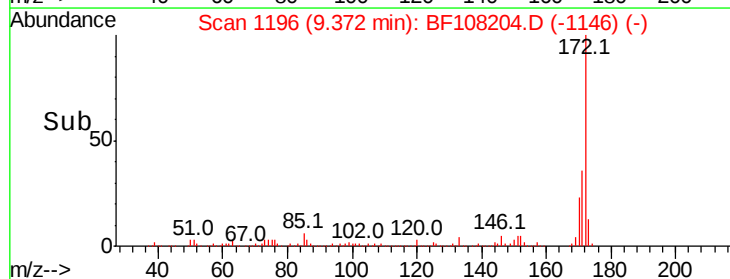
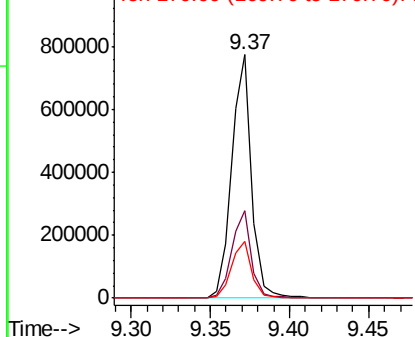


Abundance

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

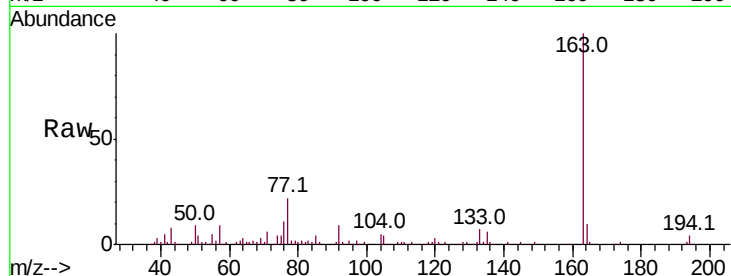




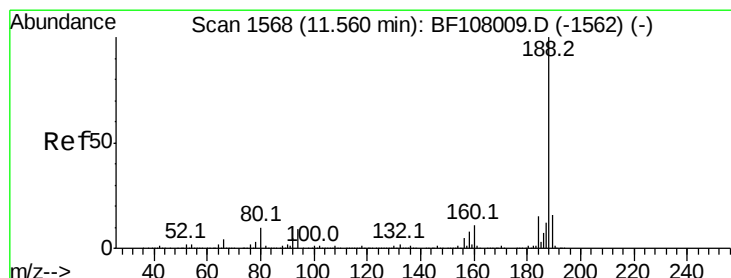
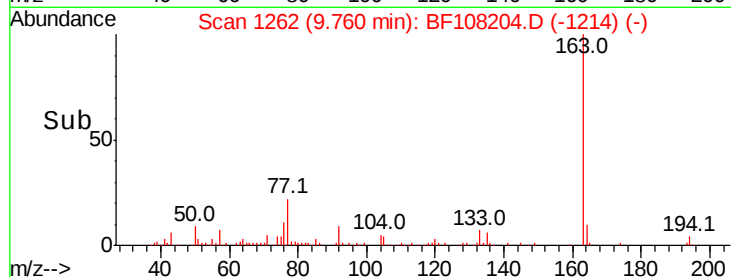
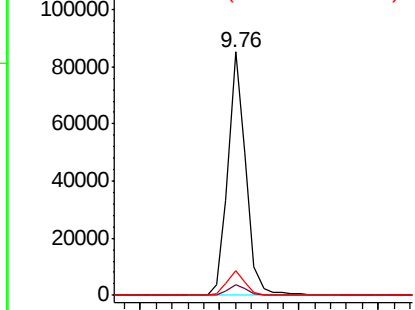
#49
Dimethylphthalate
Concen: 3.278 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108204.D
Acq: 16 Aug 2018 19:27

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-A

Tot Ion:163 Resp: 66611
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.0 8.2 12.2

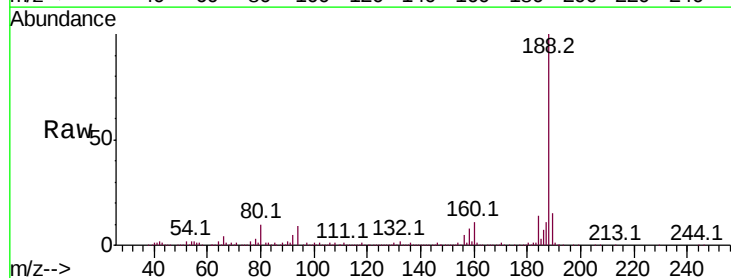


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

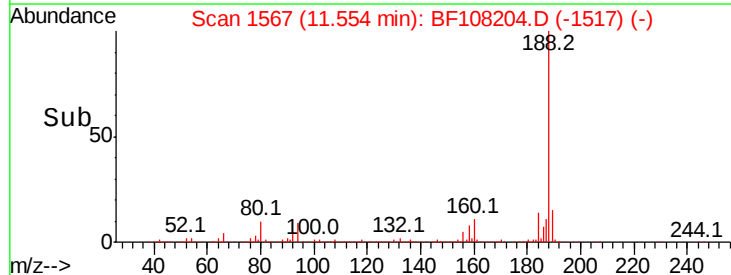
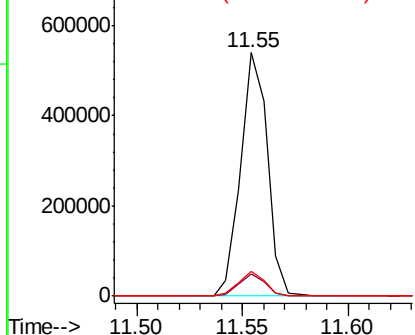


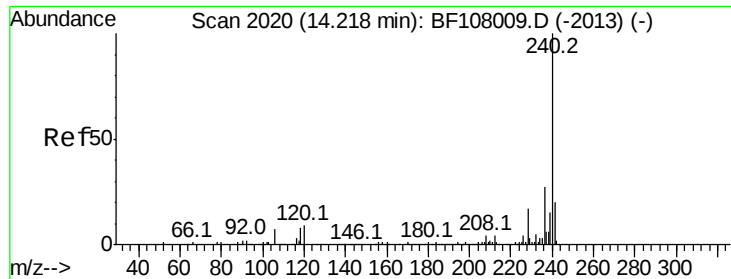
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108204.D
Acq: 16 Aug 2018 19:27

Tgt Ion:188 Resp: 475598
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.4 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: BF108204.D

Acq: 16 Aug 2018 19:27

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-A

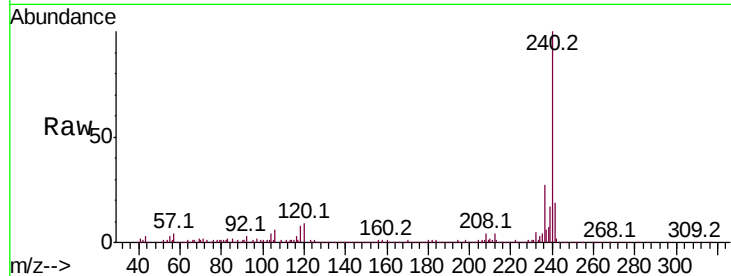
Tot Ion:240 Resp: 439242

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

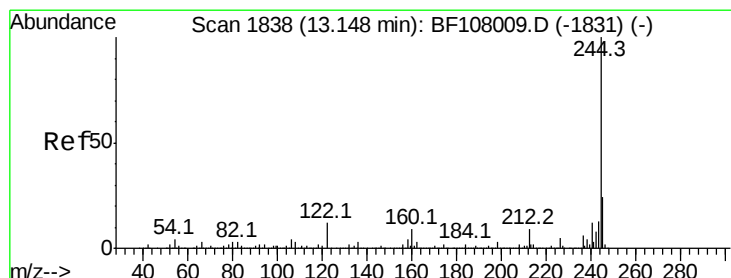
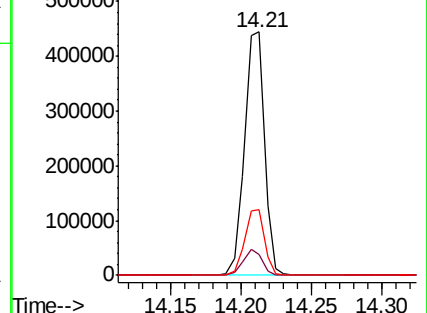
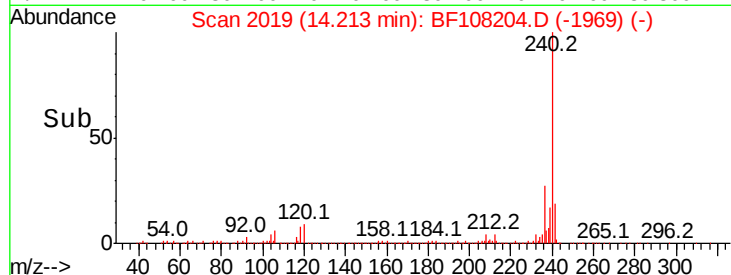
236 26.9 20.7 31.1



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: 32.313 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108204.D

Acq: 16 Aug 2018 19:27

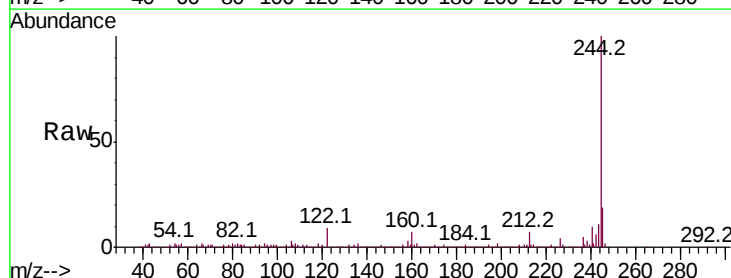
Tgt Ion:244 Resp: 558222

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

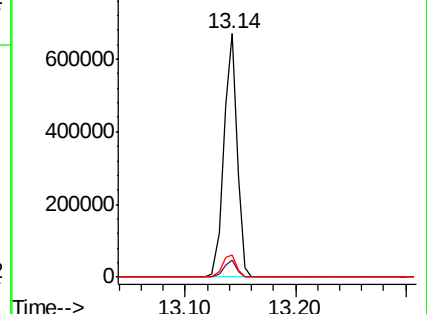
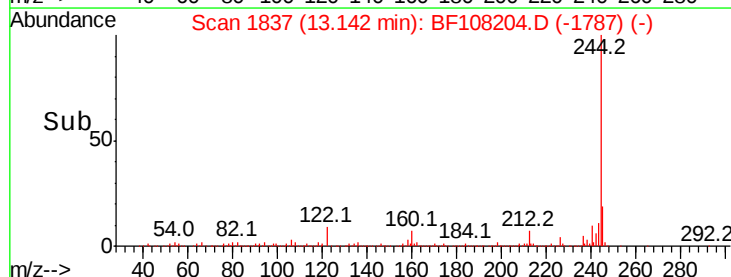
122 9.1 11.0 16.4#



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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108204.D
Acq: 16 Aug 2018 19:27

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3

