

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108205.D
 Acq On : 16 Aug 2018 19:55
 Operator : JU/SJ
 Sample : J4282-07 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 17 04:26:58 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

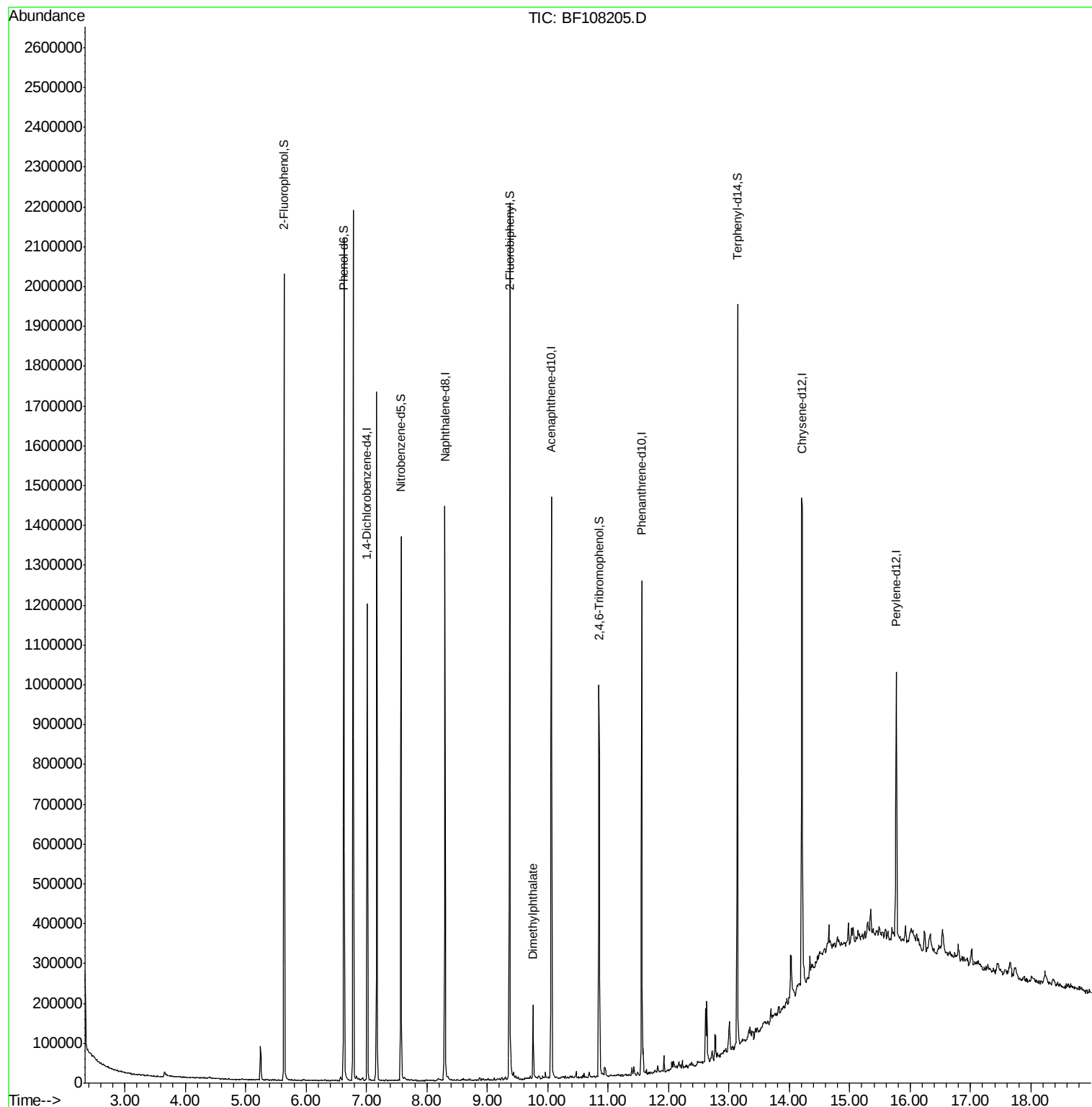
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	172703	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	622220	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	267377	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	443468	20.00	ng	0.00
75) Chrysene-d12	14.21	240	439133	20.00	ng	0.00
86) Perylene-d12	15.77	264	323925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	467881	49.05	ng	0.00
7) Phenol-d6	6.63	99	612851	48.35	ng	0.00
23) Nitrobenzene-d5	7.57	82	394898	35.41	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	119174	44.68	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	675854	40.58	ng	0.00
78) Terphenyl-d14	13.14	244	596733	34.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	65152	3.498	ng	Qvalue 99

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

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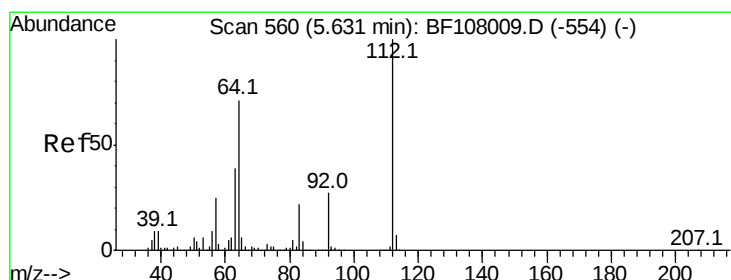
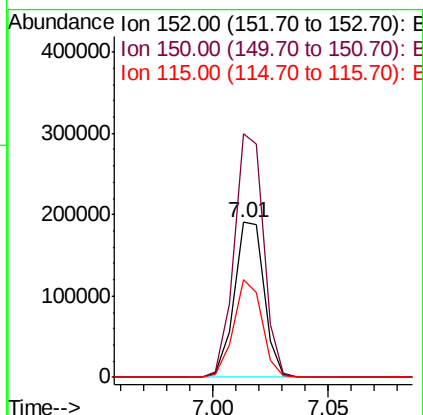
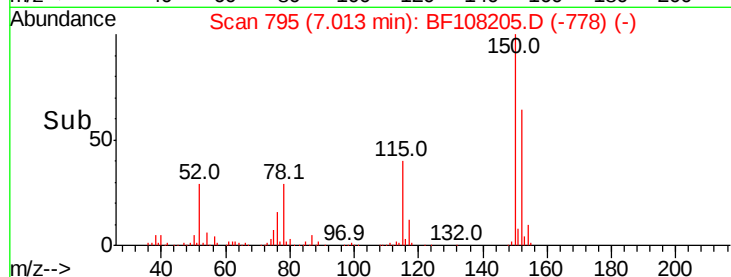
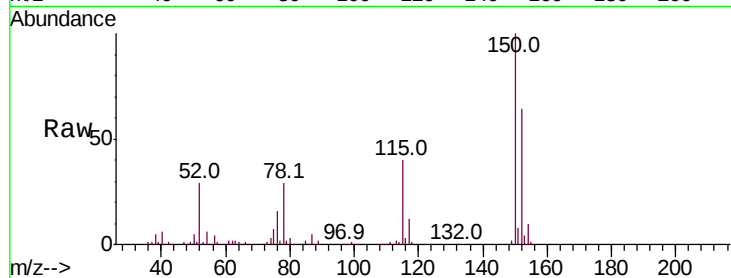


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108205.D
Acq: 16 Aug 2018 19:55

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

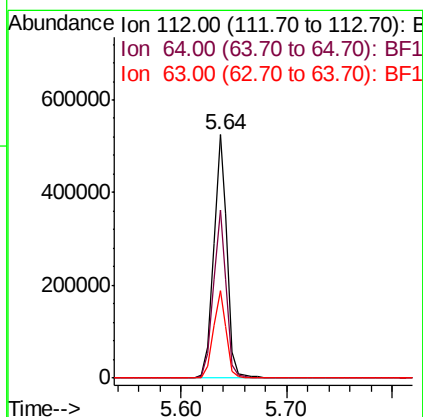
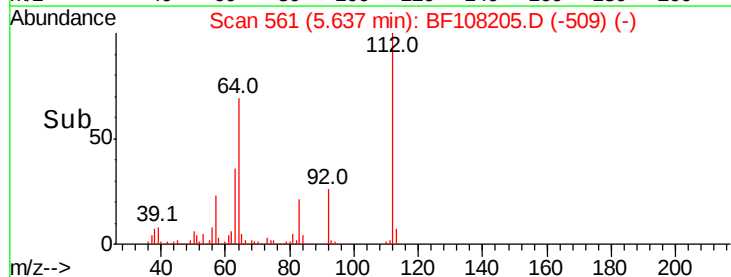
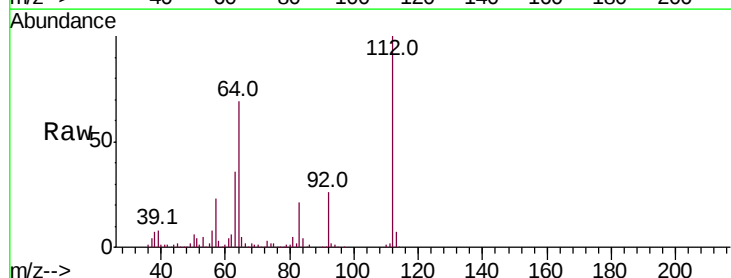
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.6	50.1	75.1



#5

2-Fluorophenol
Concen: 49.048 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108205.D
Acq: 16 Aug 2018 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	36.2	23.7	35.5#





#7

Phenol-d6

Concen: 48.346 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108205.D

Acq: 16 Aug 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

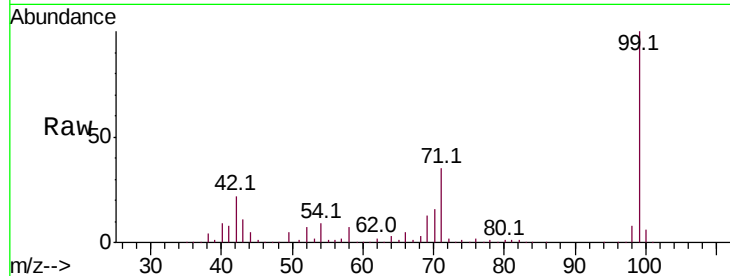
Tot Ion: 99 Resp: 612851

Ion Ratio Lower Upper

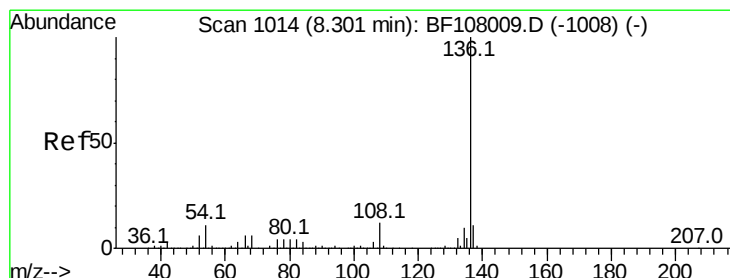
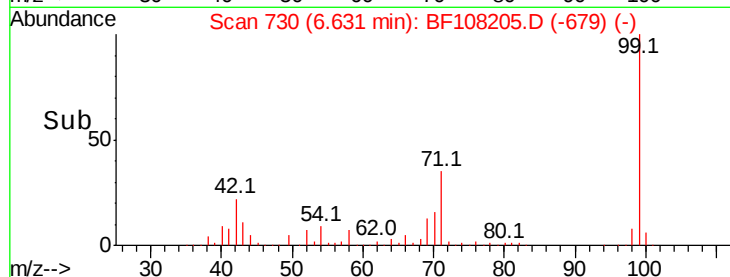
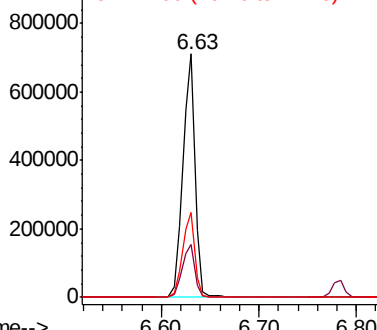
99 100

42 21.8 14.5 21.7#

71 35.0 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: BF108205.D

Acq: 16 Aug 2018 19:55

Tgt Ion: 136 Resp: 622220

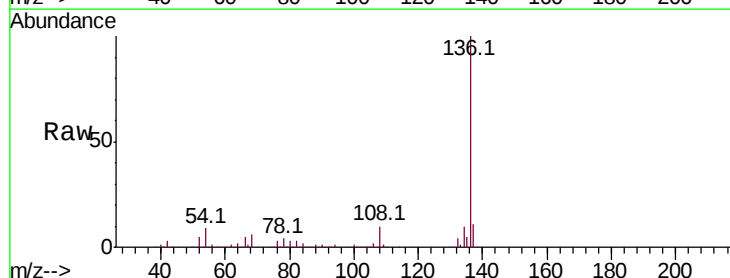
Ion Ratio Lower Upper

136 100

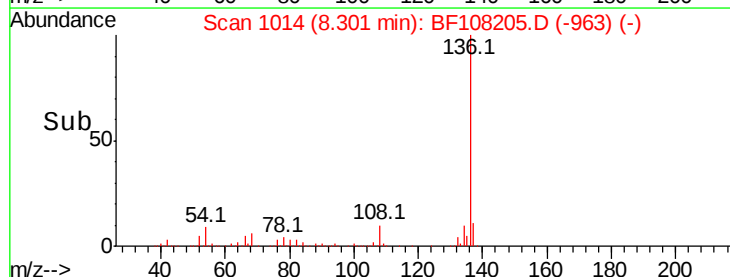
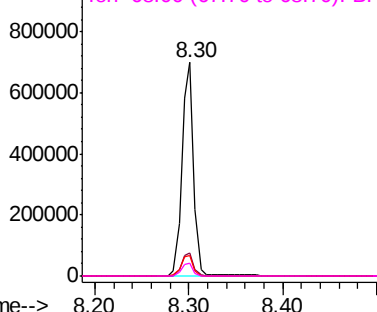
137 10.9 8.9 13.3

54 9.4 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: 35.415 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108205.D

Acq: 16 Aug 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

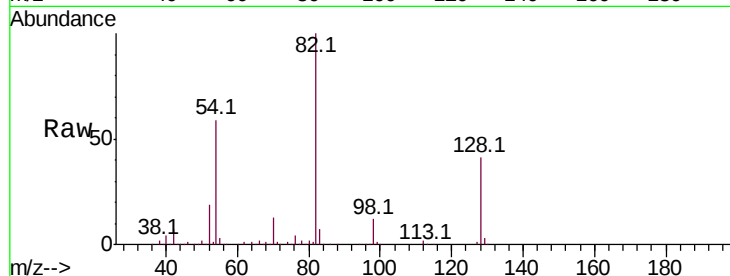
Tot Ion: 82 Resp: 394898

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

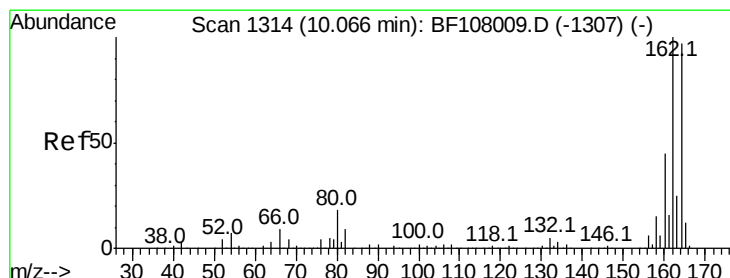
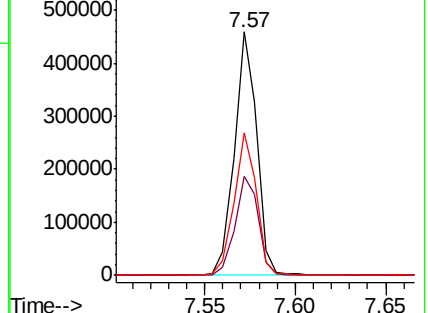
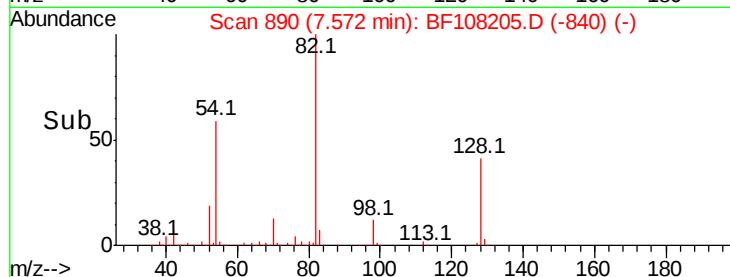
54 58.7 41.4 62.2



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: BF108205.D

Acq: 16 Aug 2018 19:55

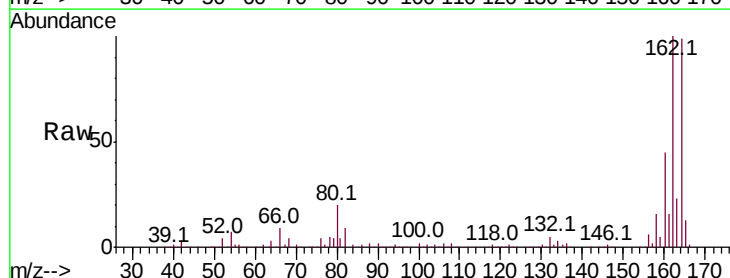
Tgt Ion: 164 Resp: 267377

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

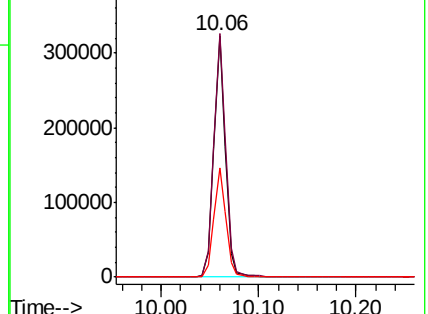
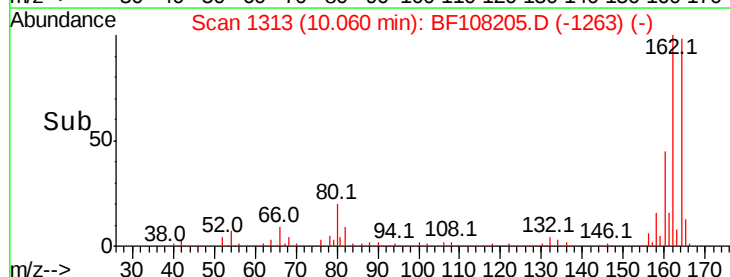
160 45.0 38.3 57.5

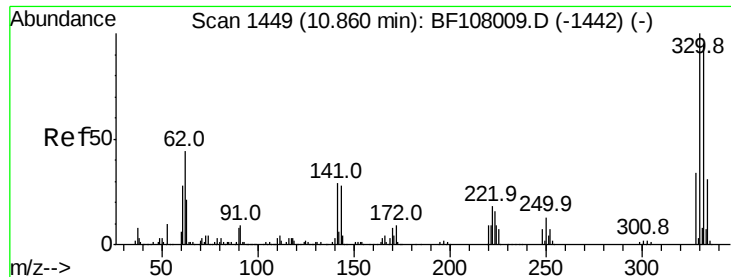


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

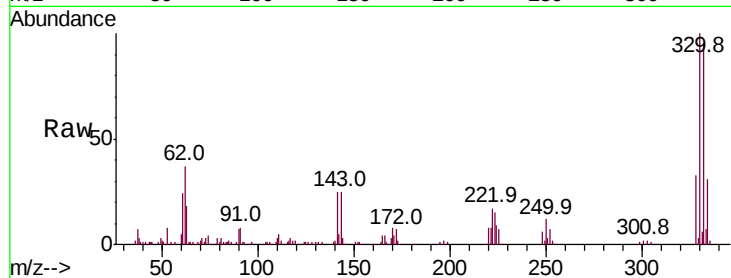




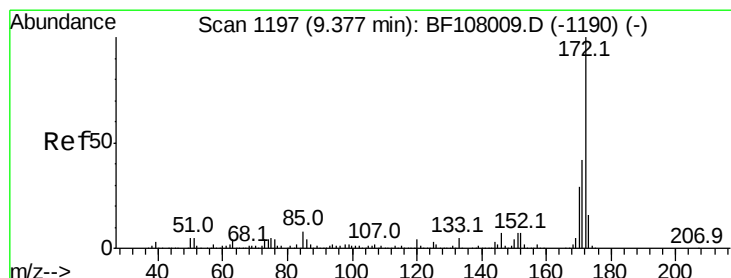
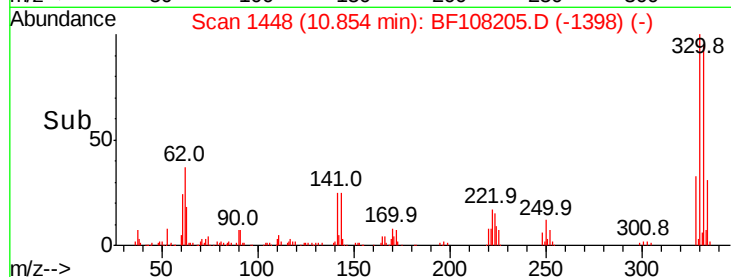
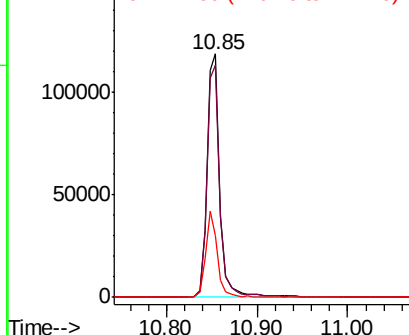
#41
 2,4,6-Tribromophenol
 Concen: 44.684 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108205.D
 Acq: 16 Aug 2018 19:55

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

Tot Ion:330 Resp: 119174
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.9 29.9 44.9

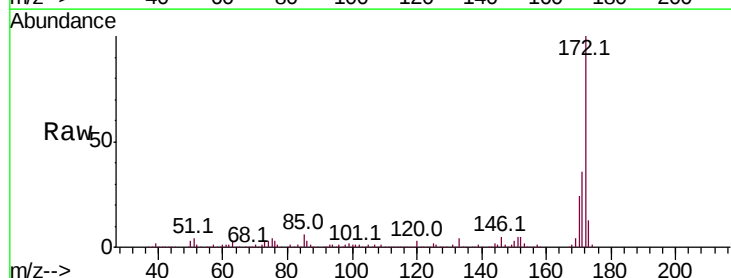


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

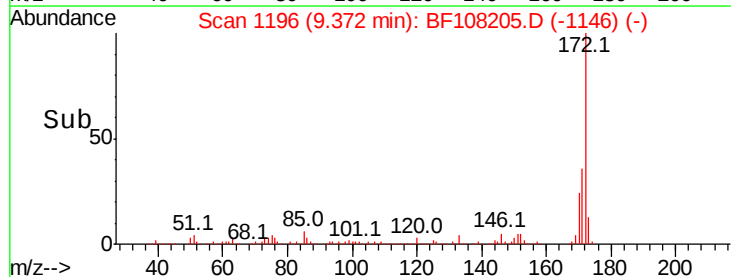
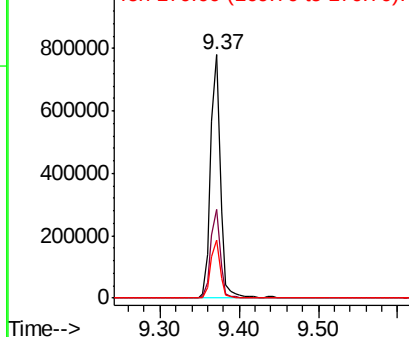


#44
 2-Fluorobiphenyl
 Concen: 40.582 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108205.D
 Acq: 16 Aug 2018 19:55

Tgt Ion:172 Resp: 675854
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.6 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

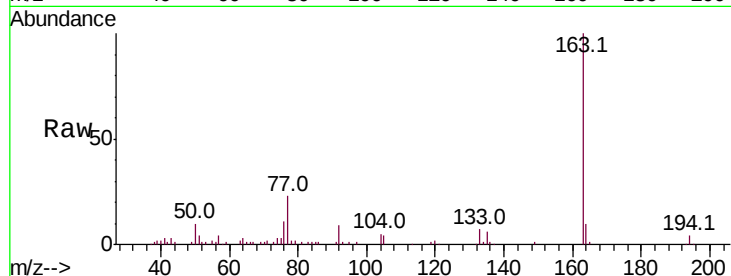




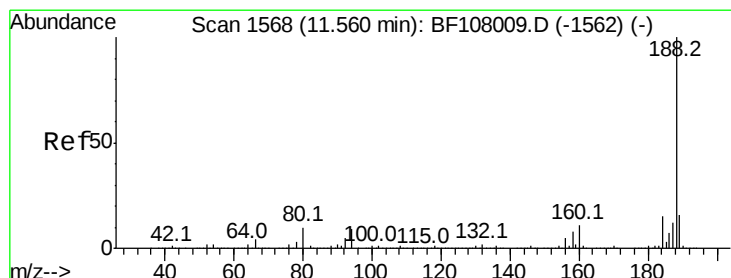
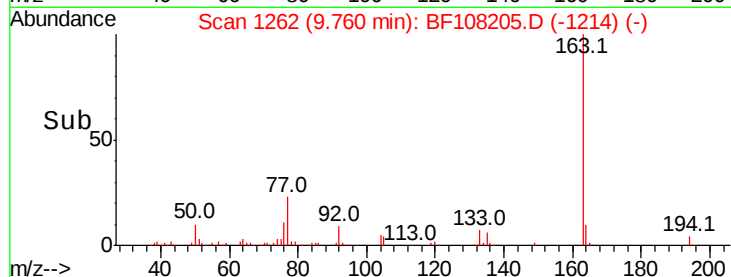
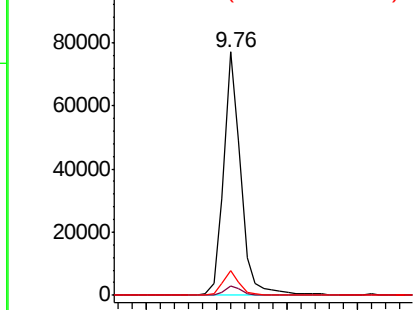
#49
Dimethylphthalate
Concen: 3.498 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108205.D
Acq: 16 Aug 2018 19:55

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

Tot Ion:163 Resp: 65152
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.0 8.2 12.2

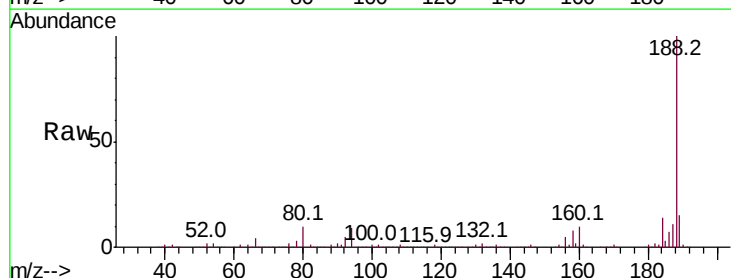


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

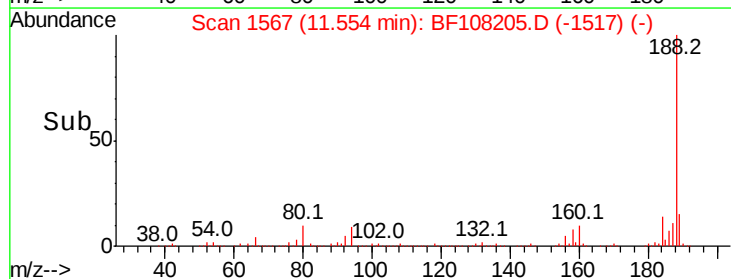
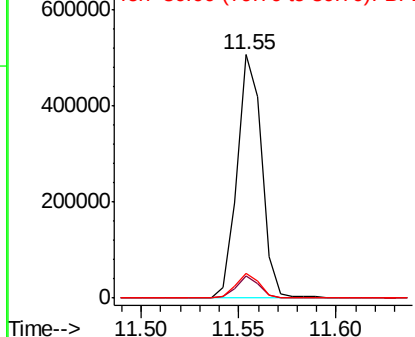


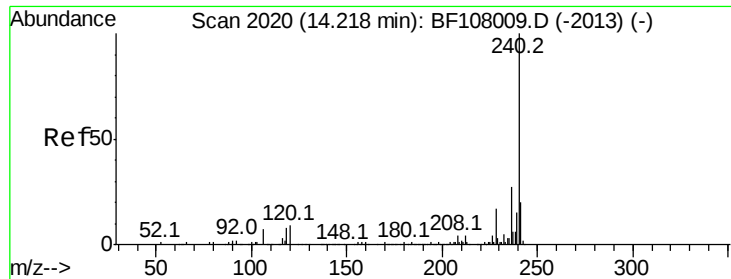
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108205.D
Acq: 16 Aug 2018 19:55

Tgt Ion:188 Resp: 443468
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.1 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: BF108205.D

Acq: 16 Aug 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

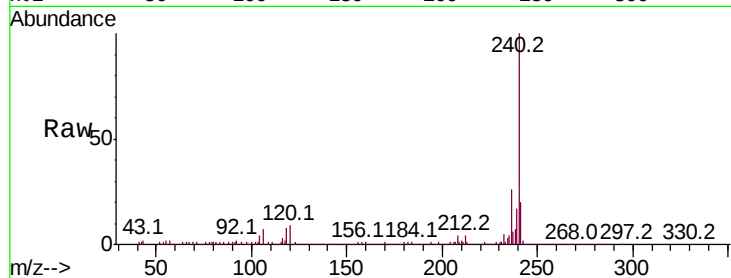
Tot Ion:240 Resp: 439133

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

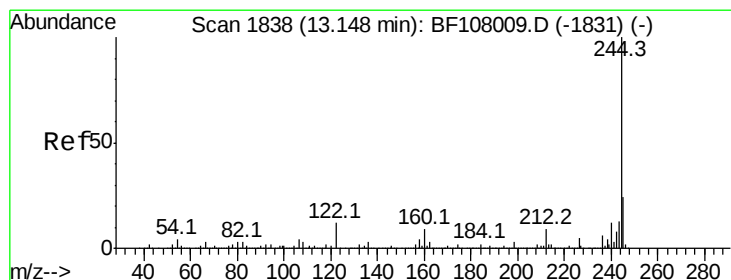
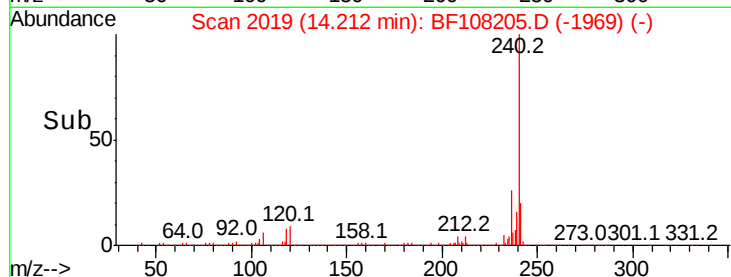
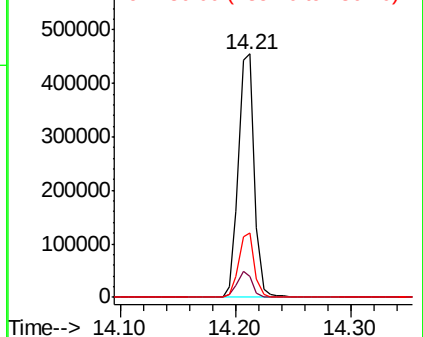
236 26.4 20.7 31.1



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: 34.551 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108205.D

Acq: 16 Aug 2018 19:55

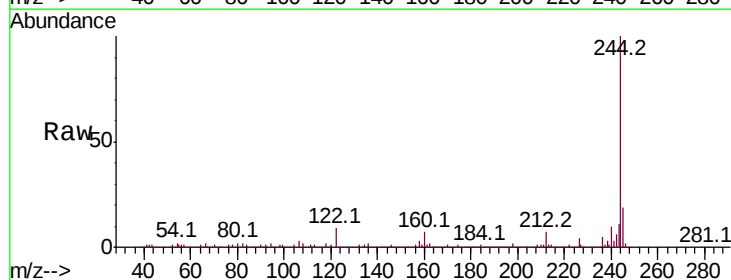
Tgt Ion:244 Resp: 596733

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

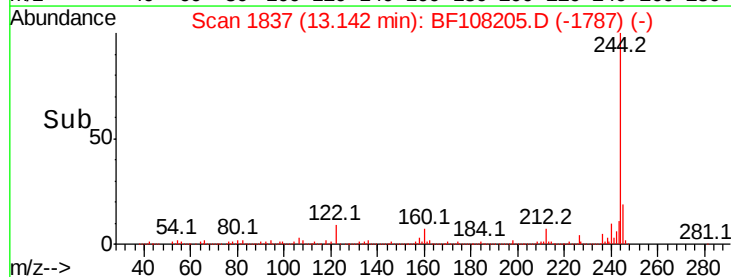
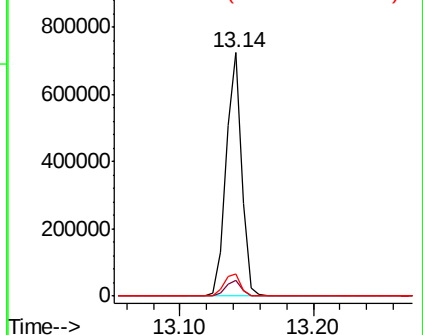
122 9.0 11.0 16.4#

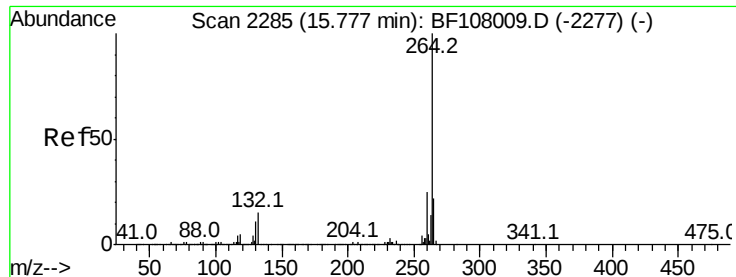


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

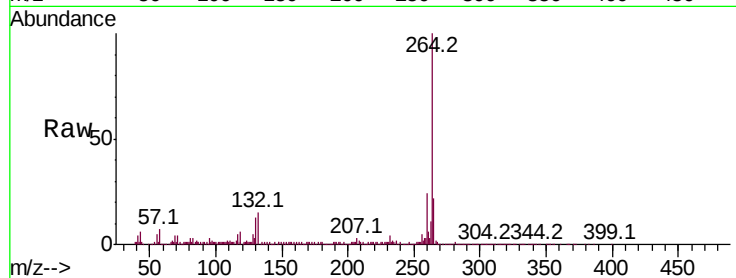




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108205.D
 Acq: 16 Aug 2018 19:55

Instrument :
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 ClientSampleId :
 SU-01-081518-B

Tot Ion:	264	Resp:	323925
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	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

