

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108242.D
 Acq On : 17 Aug 2018 14:47
 Operator : JU/SJ
 Sample : J4497-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT-FRONT

Quant Time: Aug 17 15:14:11 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	127721	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	496920	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	257112	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	544123	20.00	ng	0.00
75) Chrysene-d12	14.21	240	474250	20.00	ng	-0.01
86) Perylene-d12	15.77	264	446711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	151251	21.44	ng	0.00
7) Phenol-d6	6.62	99	204927	21.86	ng	0.00
23) Nitrobenzene-d5	7.57	82	129185	14.51	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	59552	23.22	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	277709	17.34	ng	-0.01
78) Terphenyl-d14	13.14	244	339833	18.22	ng	-0.01

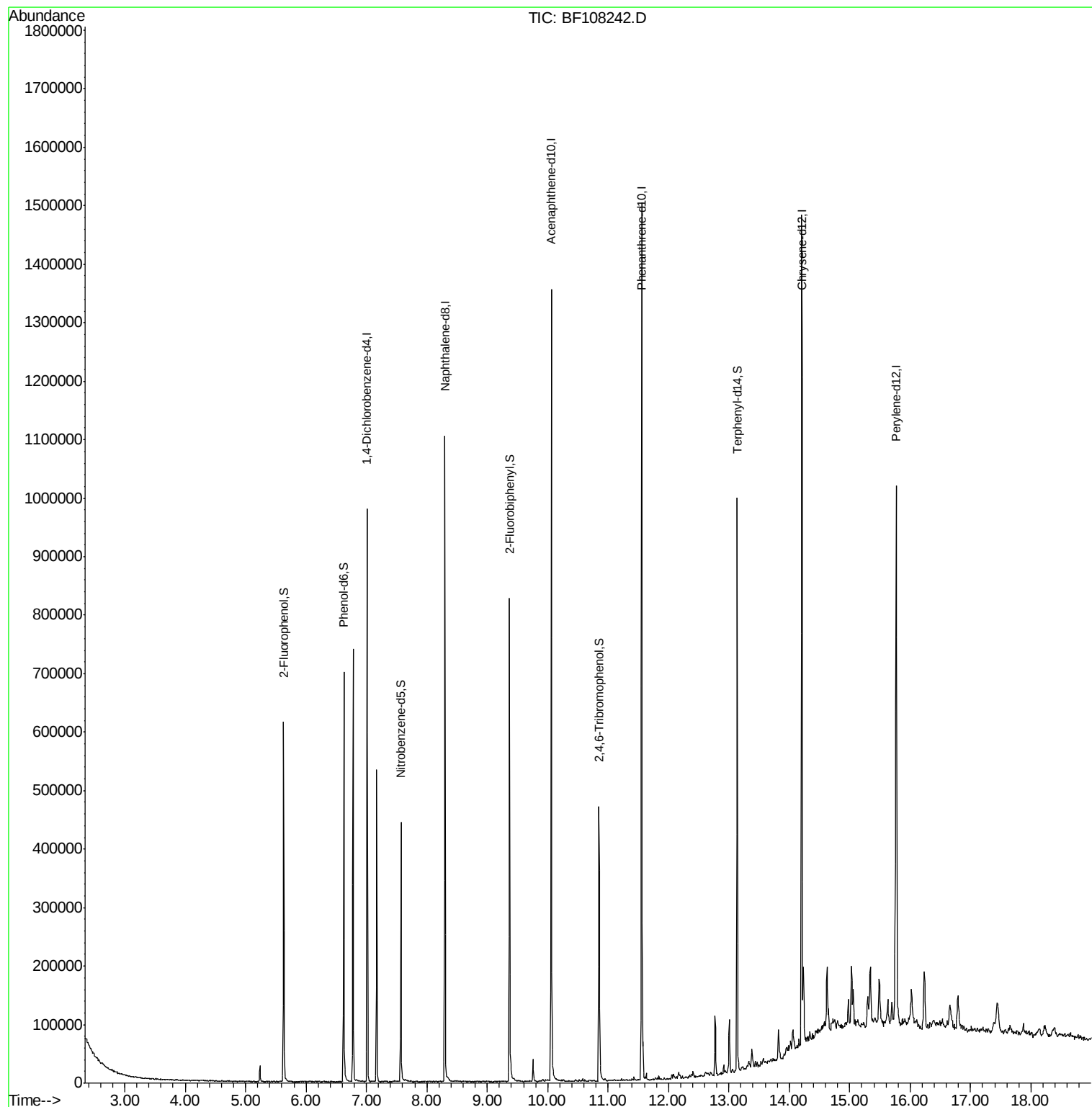
Target Compounds Qvalue

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

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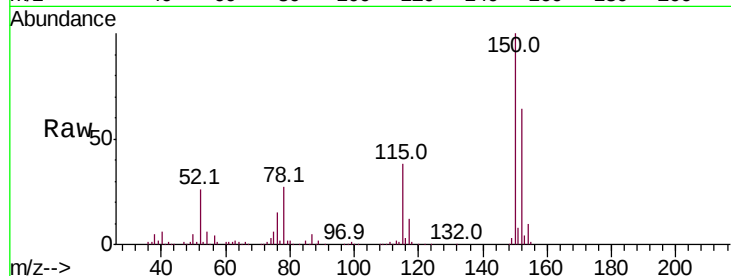


#1

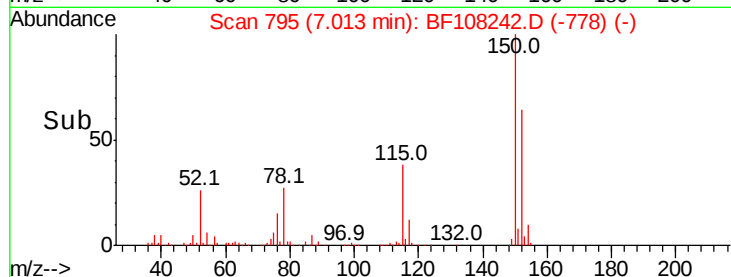
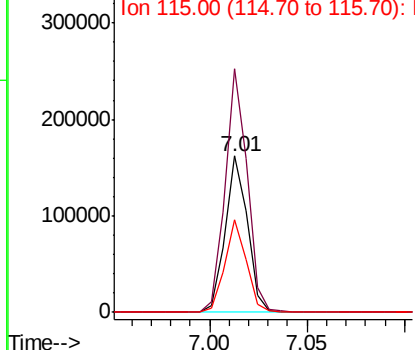
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Instrument :
BNA_F
ClientSampleId :
CARLSTADT-FRONT

Tot Ion:152 Resp: 127721
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 59.2 50.1 75.1



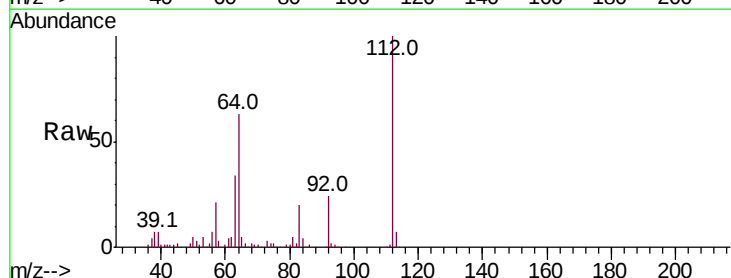
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



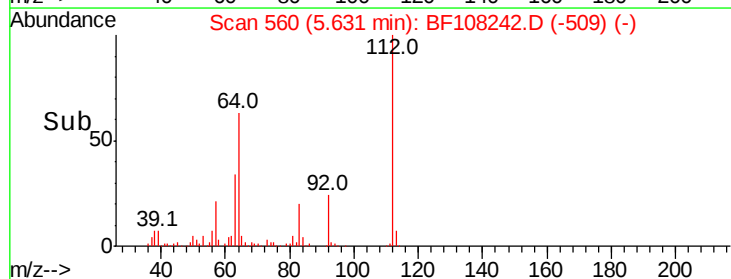
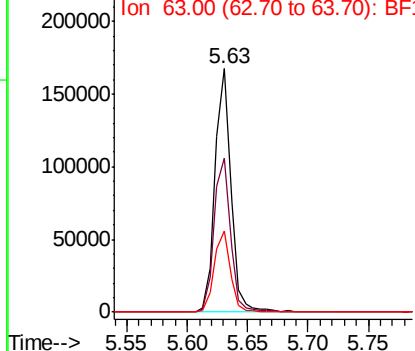
#5

2-Fluorophenol
Concen: 21.440 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Tgt Ion:112 Resp: 151251
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 33.5 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: 21.860 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Instrument :

BNA_F

ClientSampleId :

CARLSTADT-FRONT

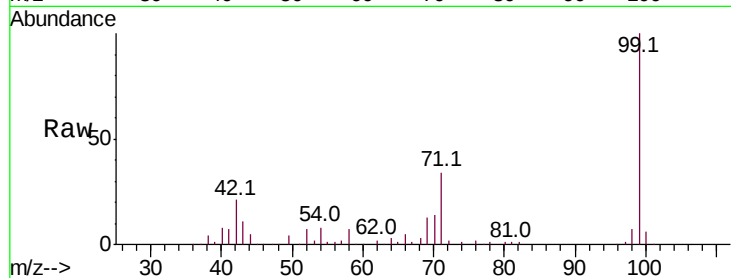
Tot Ion: 99 Resp: 204927

Ion Ratio Lower Upper

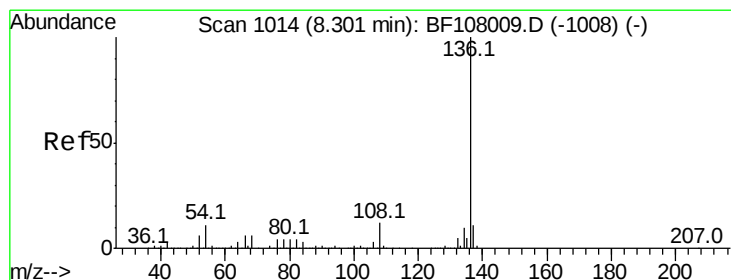
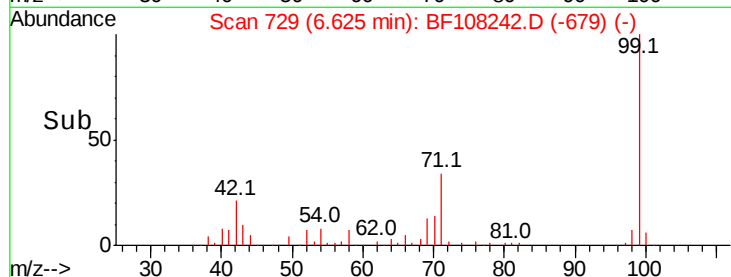
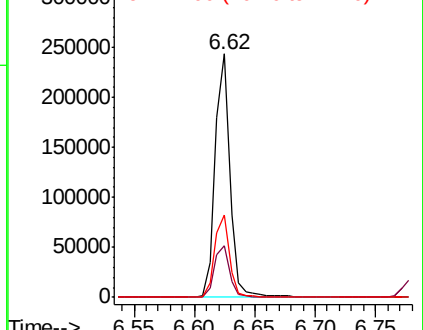
99 100

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: BF108242.D

Acq: 17 Aug 2018 14:47

Tgt Ion: 136 Resp: 496920

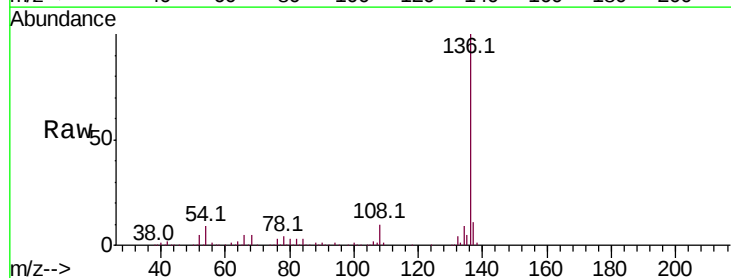
Ion Ratio Lower Upper

136 100

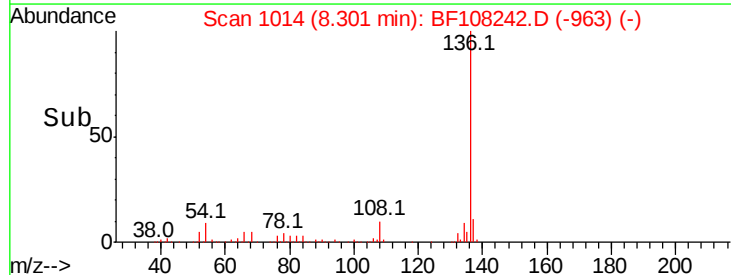
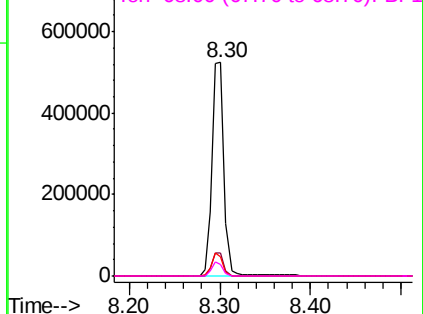
137 10.8 8.9 13.3

54 8.7 6.6 9.8

68 5.3 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: 14.507 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Instrument :

BNA_F

ClientSampleId :

CARLSTADT-FRONT

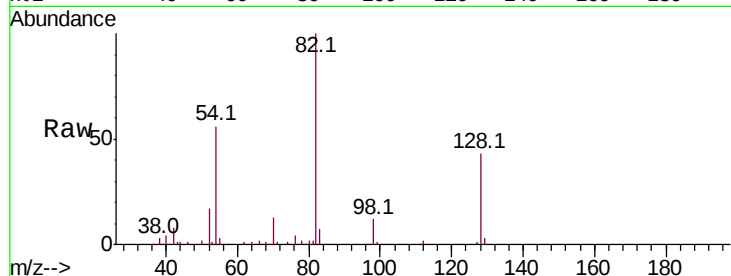
Tot Ion: 82 Resp: 129185

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

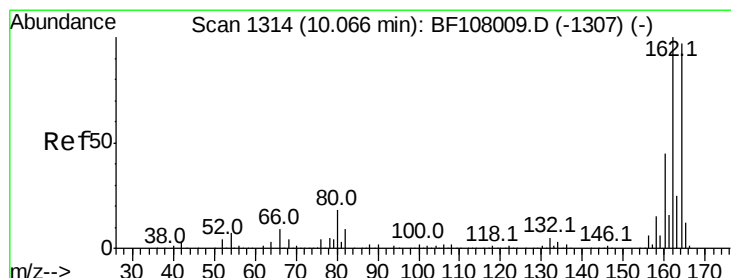
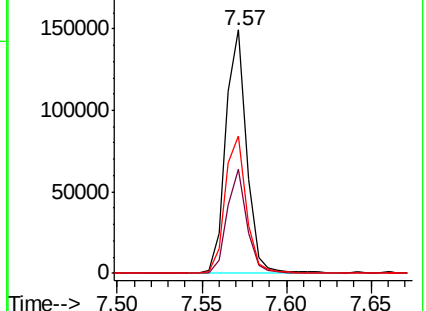
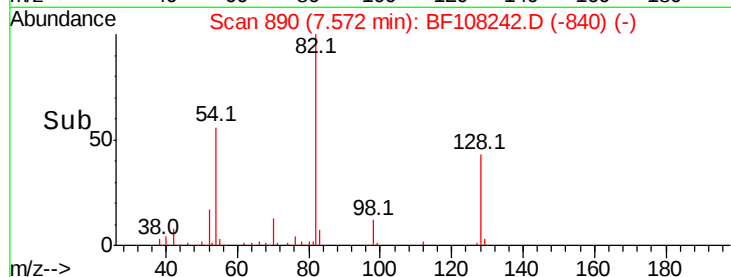
54 56.3 41.4 62.2



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: BF108242.D

Acq: 17 Aug 2018 14:47

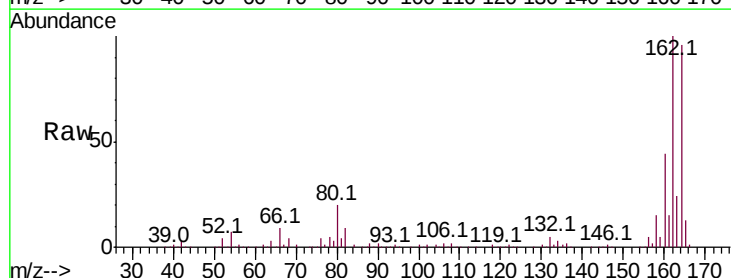
Tgt Ion:164 Resp: 257112

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

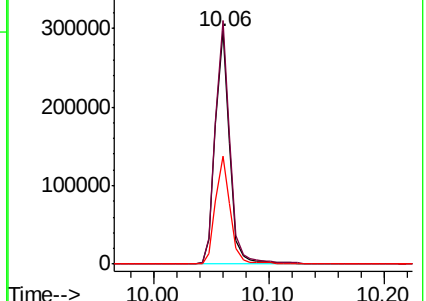
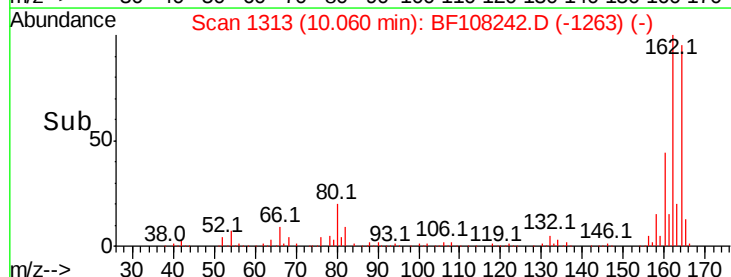
160 46.4 38.3 57.5

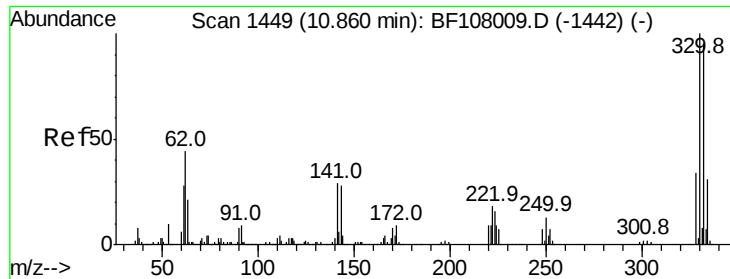


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

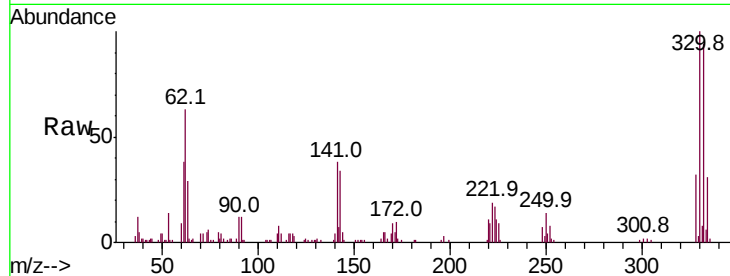




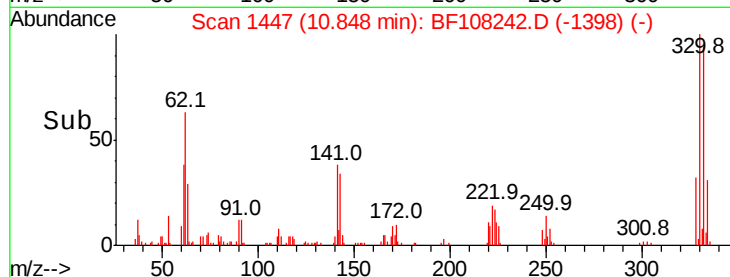
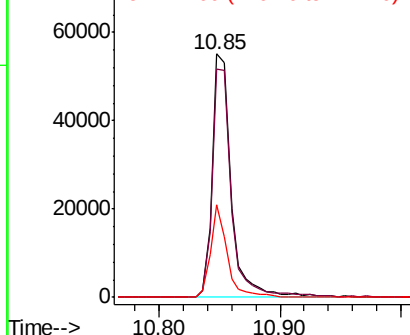
#41
 2,4,6-Tribromophenol
 Concen: 23.221 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT-FRONT

Tot Ion:330 Resp: 59552
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.7 29.9 44.9

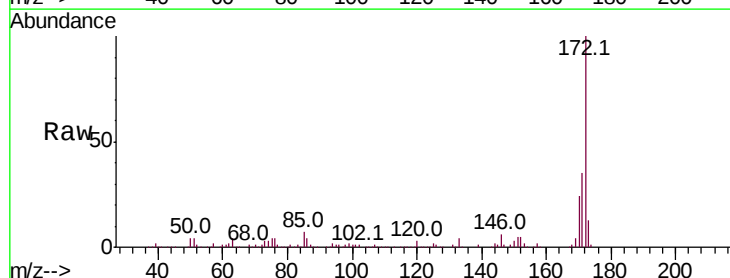


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

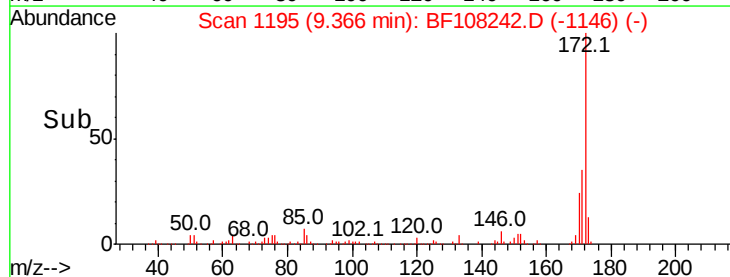
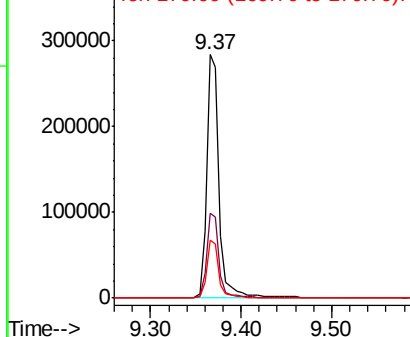


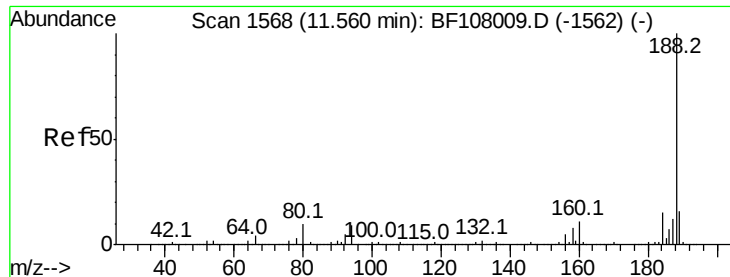
#44
 2-Fluorobiphenyl
 Concen: 17.341 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Tgt Ion:172 Resp: 277709
 Ion Ratio Lower Upper
 172 100
 171 34.7 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Instrument :

BNA_F

ClientSampleId :

CARLSTADT-FRONT

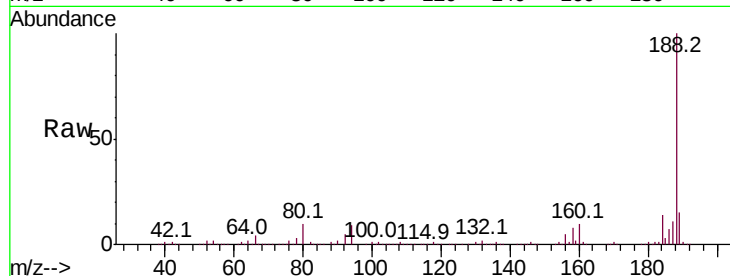
Tot Ion:188 Resp: 544123

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

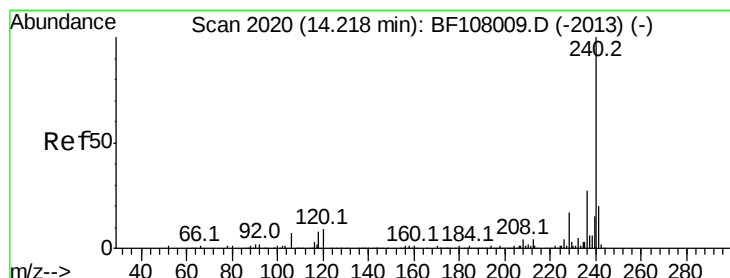
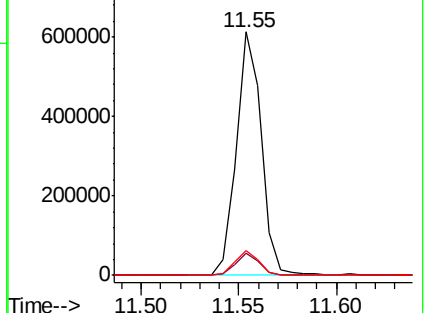
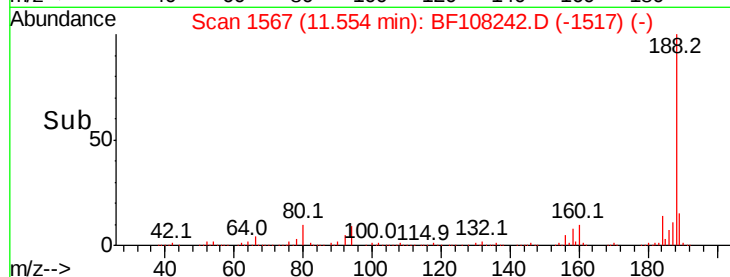
80 10.0 9.2 13.8



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# 2018

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

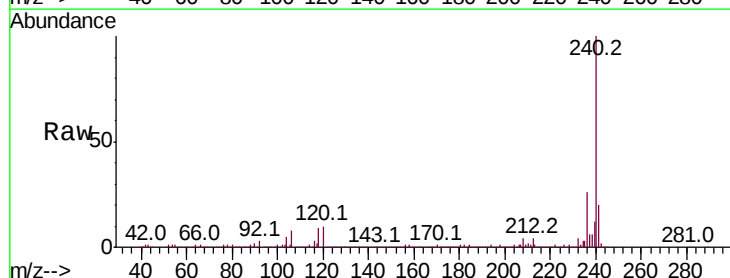
Tgt Ion:240 Resp: 474250

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

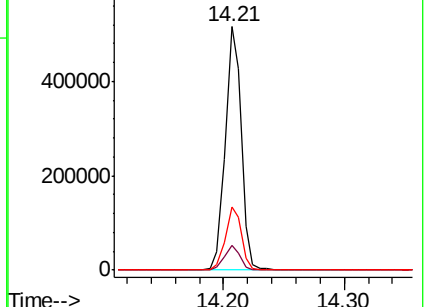
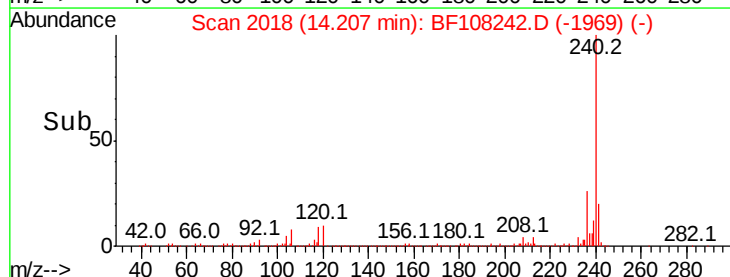
236 25.8 20.7 31.1

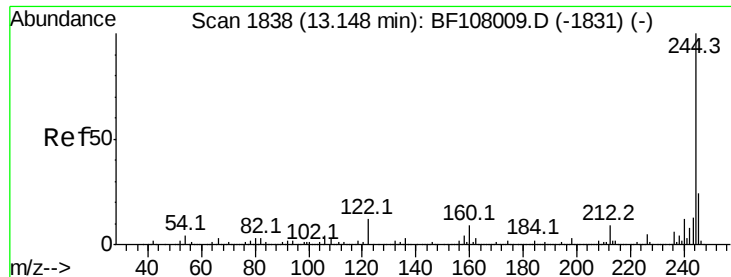


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 18.219 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Instrument :

BNA_F

ClientSampleId :

CARLSTADT-FRONT

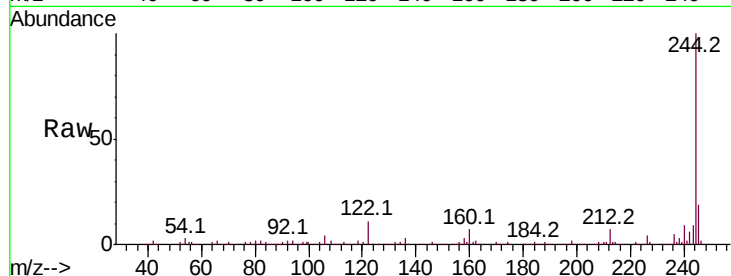
Tot Ion:244 Resp: 339833

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

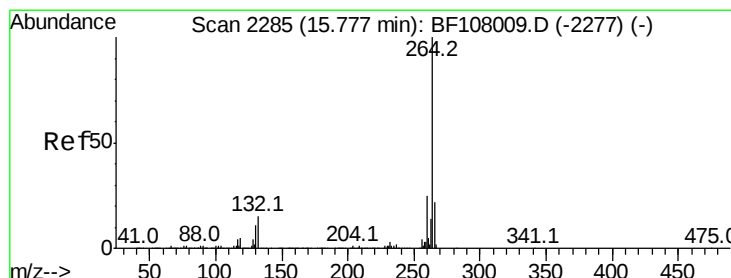
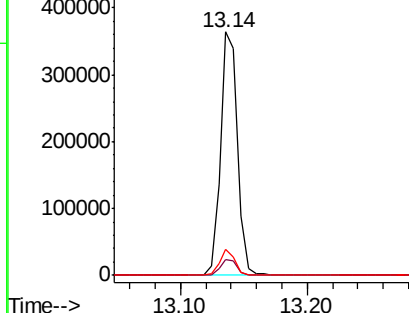
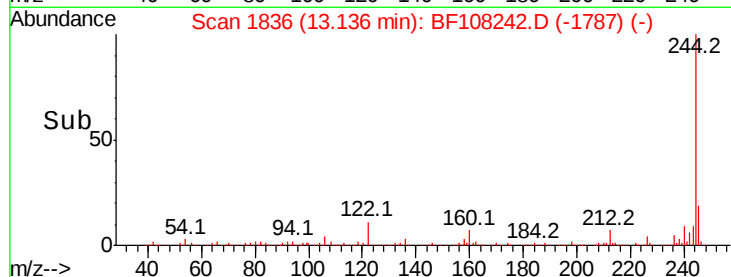
122 10.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

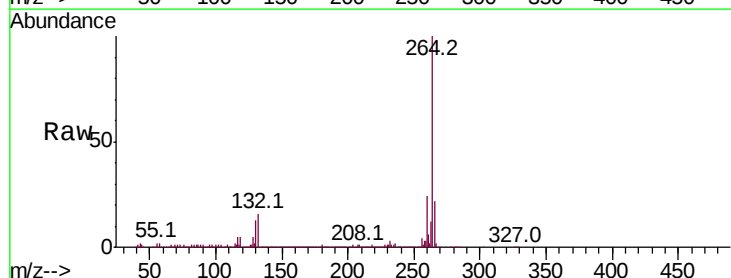
Tgt Ion:264 Resp: 446711

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

