

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108743.D
 Acq On : 4 Sep 2018 16:19
 Operator : JU/SJ
 Sample : J4712-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Quant Time: Sep 05 04:17:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

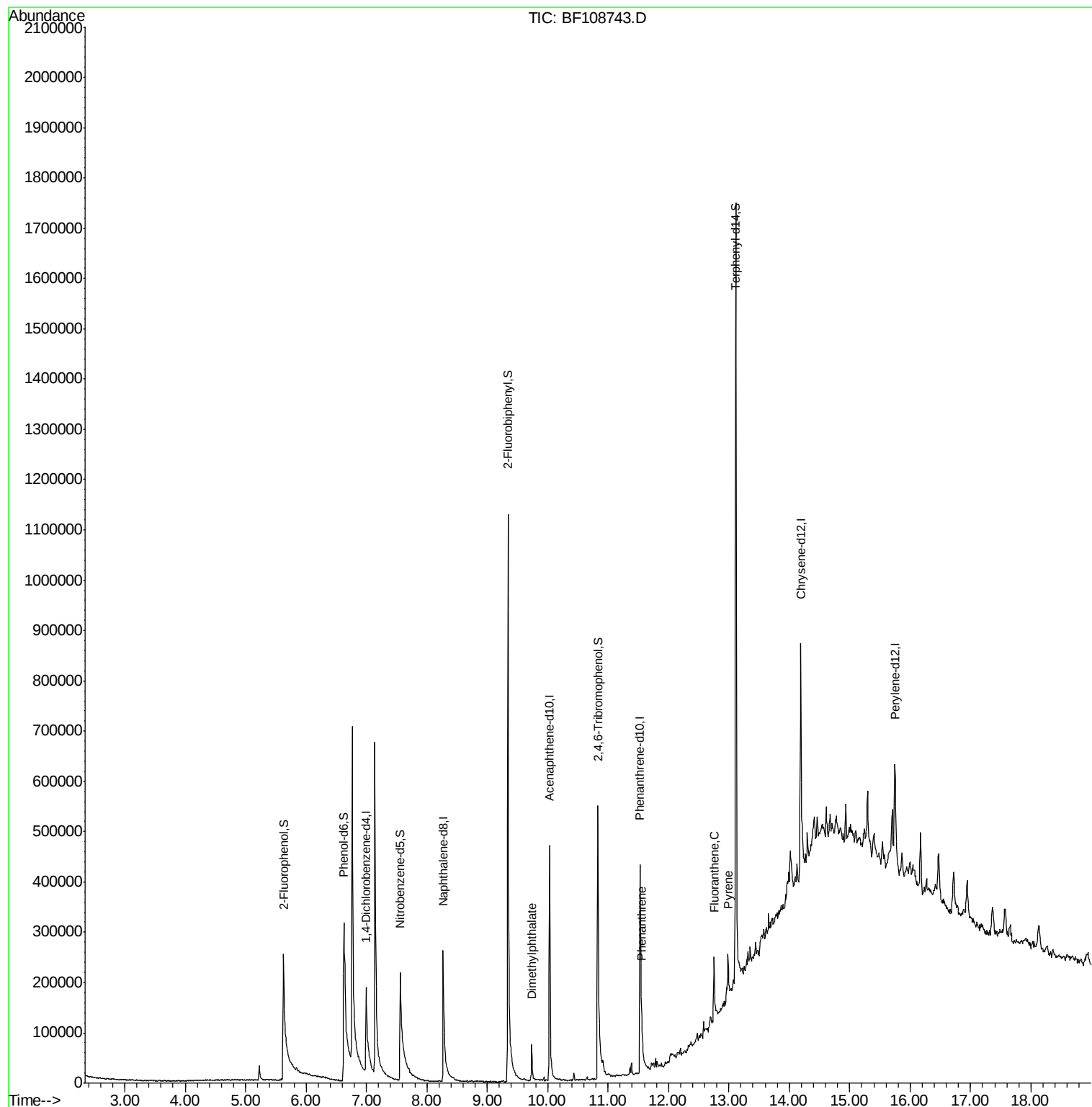
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63474	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	253190	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	117282	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	262211	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	210840	20.00	ng	-0.01
86) Perylene-d12	15.75	264	148699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	221196	60.54	ng	-0.02
7) Phenol-d6	6.62	99	403213	77.05	ng	-0.02
23) Nitrobenzene-d5	7.56	82	262528	52.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	118618	76.61	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	539174	61.81	ng	-0.02
78) Terphenyl-d14	13.11	244	680351	62.70	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	43744	4.737	ng	Qvalue # 98
70) Phenanthrene	11.56	178	29161	2.203	ng	98
74) Fluoranthene	12.75	202	83484	5.604	ng	94
77) Pyrene	12.98	202	56446	3.561	ng	98

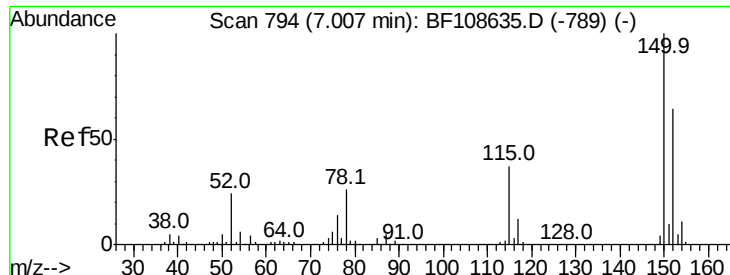
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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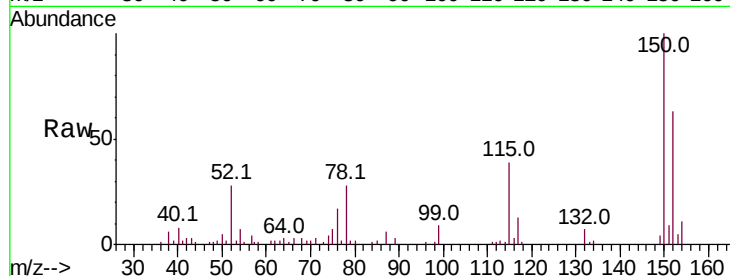


#1

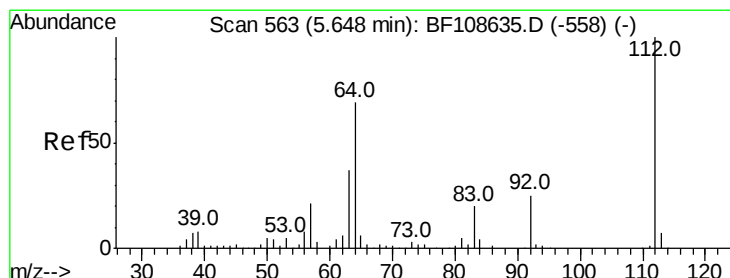
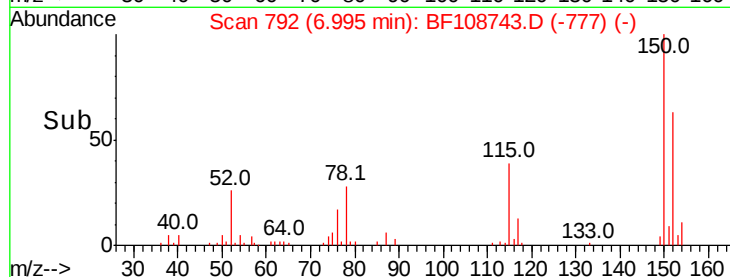
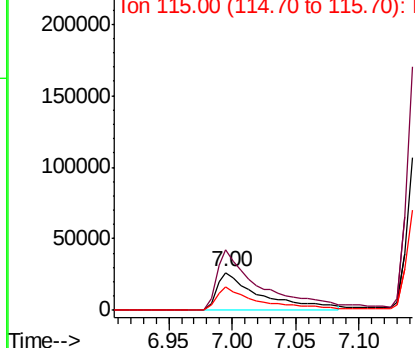
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108743.D
Acq: 4 Sep 2018 16:19

Instrument :
BNA_F
ClientSampled :
SB-14

Tot Ion:152 Resp: 63474
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.9 50.1 75.1



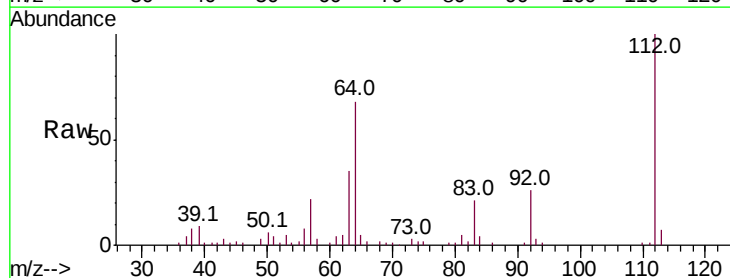
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



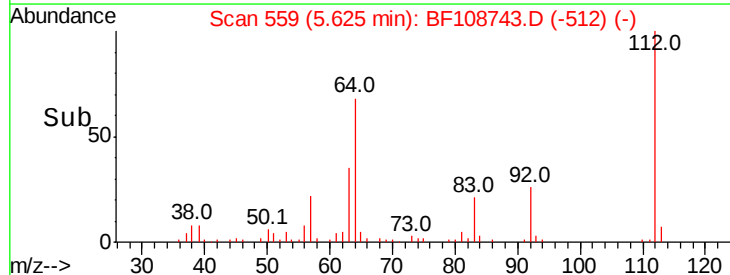
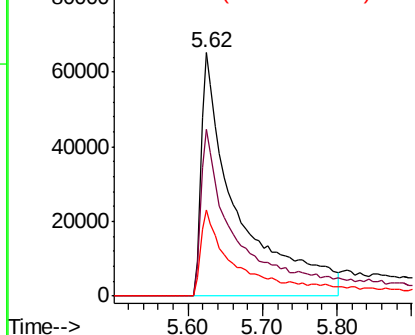
#5

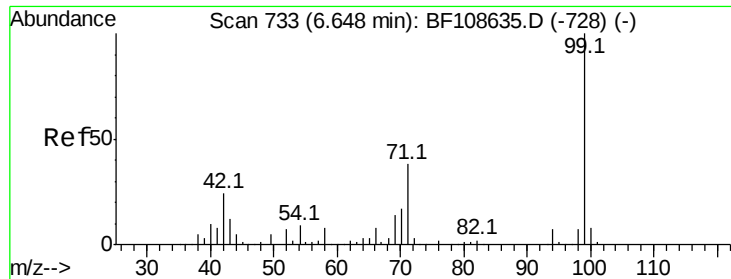
2-Fluorophenol
Concen: 60.539 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108743.D
Acq: 4 Sep 2018 16:19

Tgt Ion:112 Resp: 221196
Ion Ratio Lower Upper
112 100
64 68.4 47.9 71.9
63 35.4 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: 77.049 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

Instrument :

BNA_F

ClientSampled :

SB-14

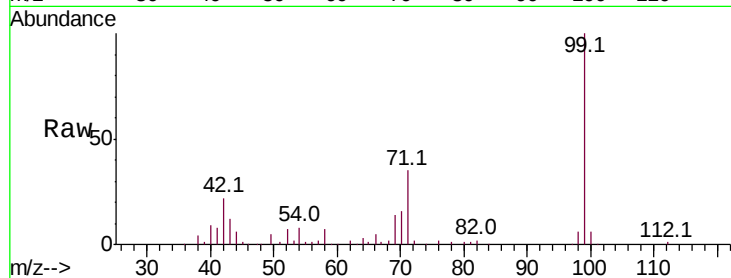
Tot Ion: 99 Resp: 403213

Ion Ratio Lower Upper

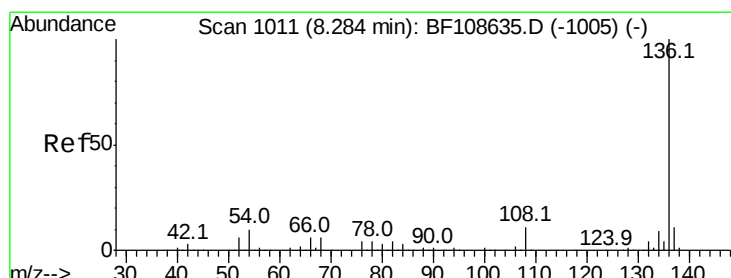
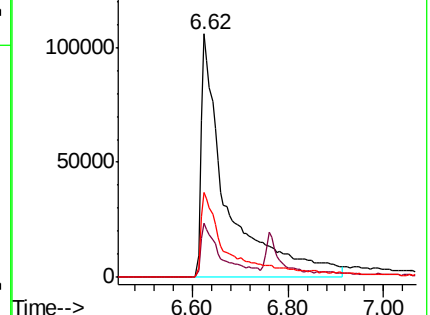
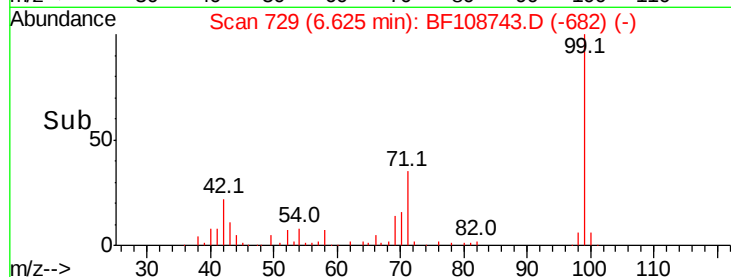
99 100

42 22.4 14.5 21.7#

71 35.1 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: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

Tgt Ion: 136 Resp: 253190

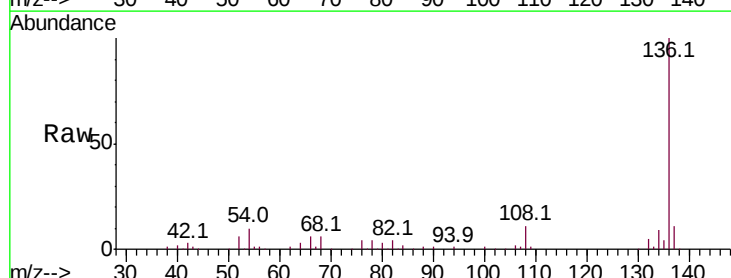
Ion Ratio Lower Upper

136 100

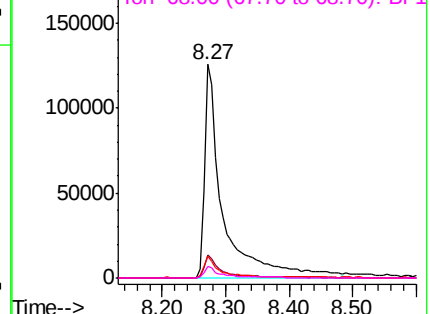
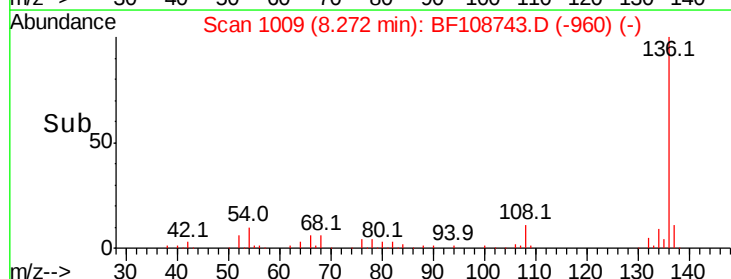
137 10.8 8.9 13.3

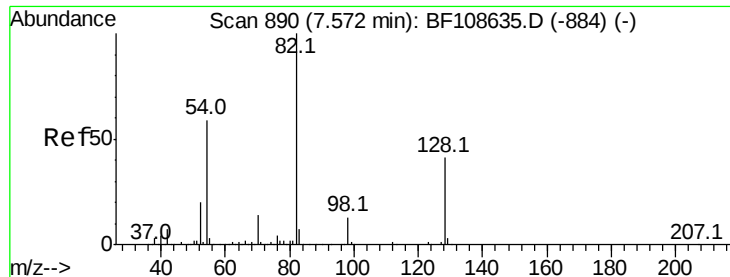
54 10.1 6.6 9.8#

68 5.7 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

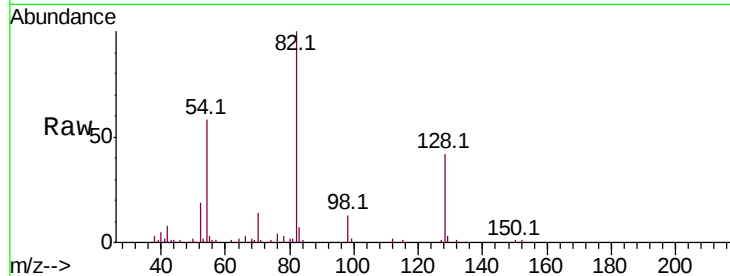




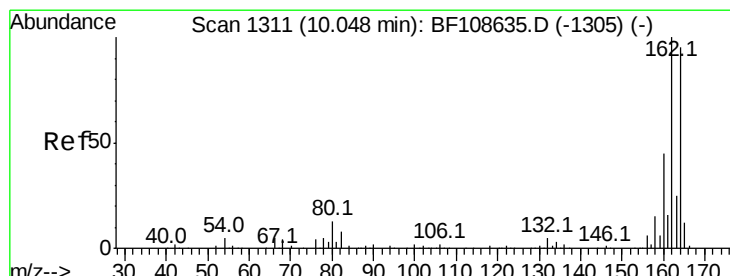
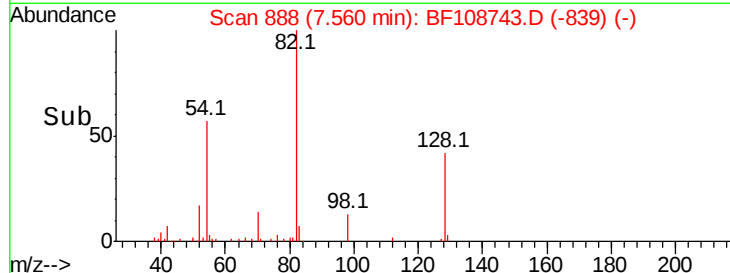
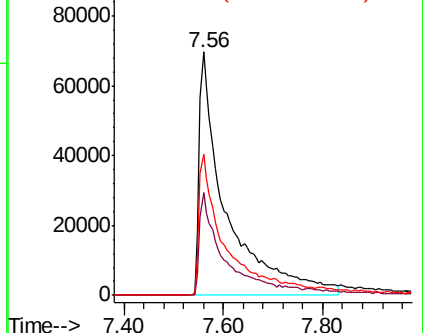
#23
Nitrobenzene-d5
Concen: 52.631 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108743.D
Acq: 4 Sep 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14

Tot Ion: 82 Resp: 262528
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 58.2 41.4 62.2

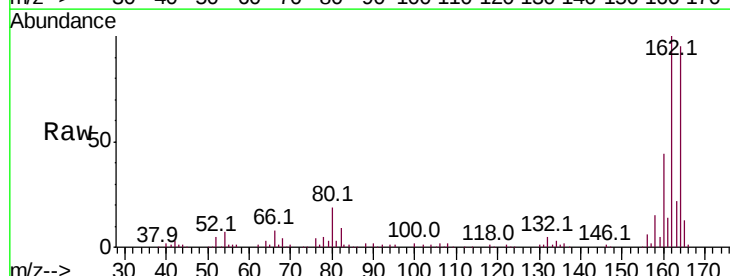


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

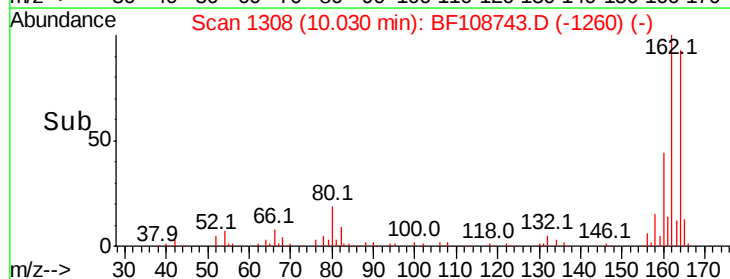
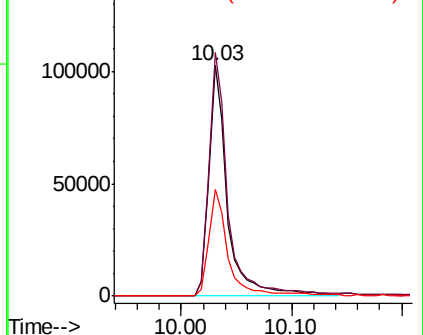


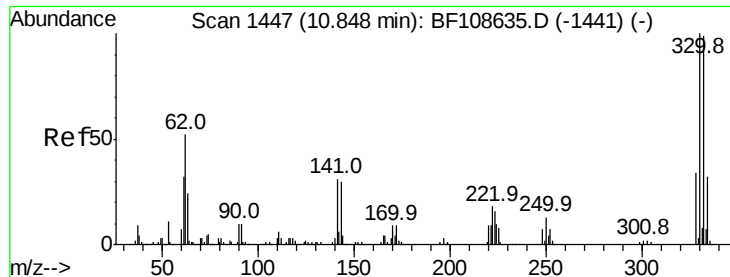
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108743.D
Acq: 4 Sep 2018 16:19

Tgt Ion:164 Resp: 117282
Ion Ratio Lower Upper
164 100
162 105.7 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

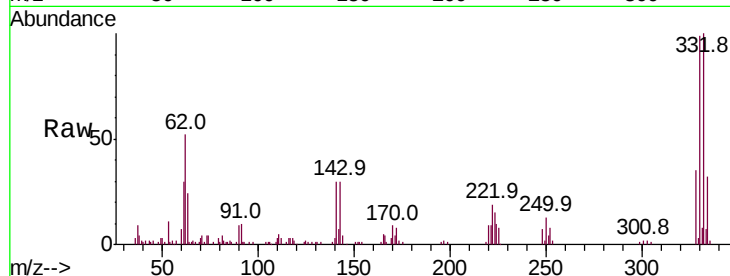




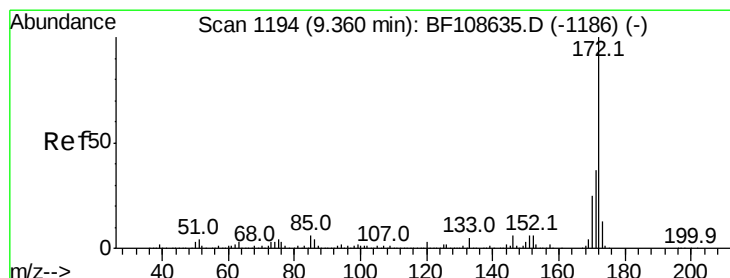
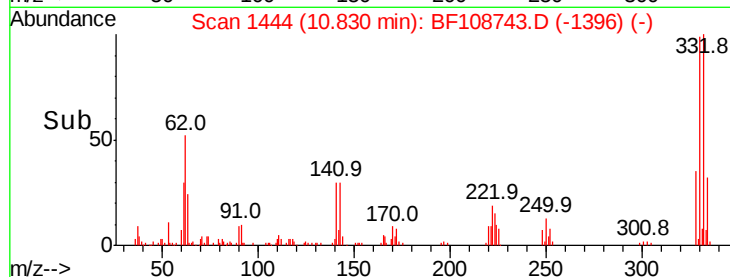
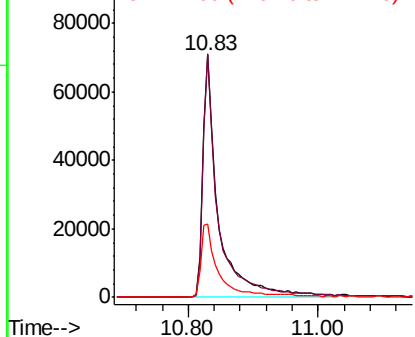
#41
 2,4,6-Tribromophenol
 Concen: 76.613 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108743.D
 Acq: 4 Sep 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tot Ion:330 Resp: 118618
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 34.9 29.9 44.9

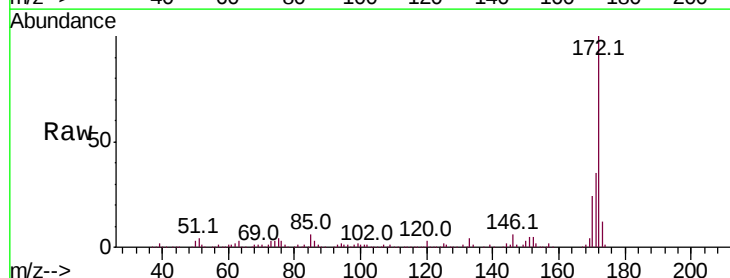


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

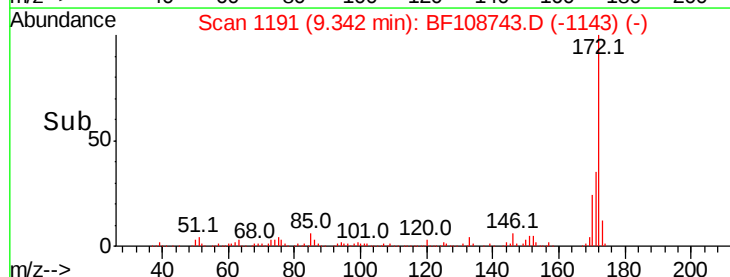
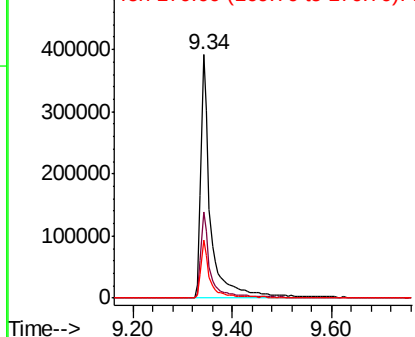


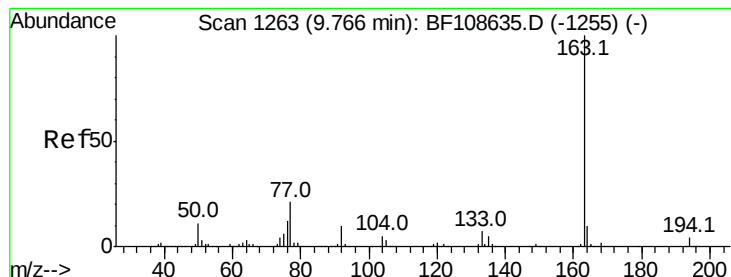
#44
 2-Fluorobiphenyl
 Concen: 61.813 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108743.D
 Acq: 4 Sep 2018 16:19

Tgt Ion:172 Resp: 539174
 Ion Ratio Lower Upper
 172 100
 171 35.5 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: 4.737 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

Instrument :

BNA_F

ClientSampled :

SB-14

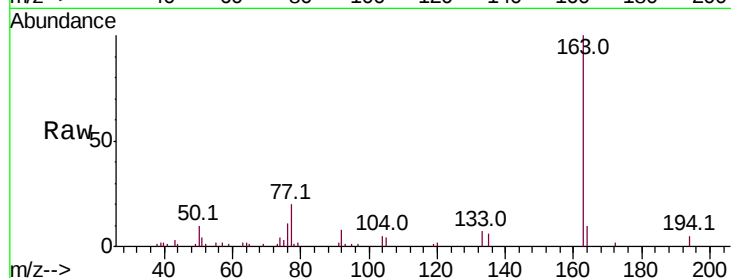
Tot Ion:163 Resp: 43744

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

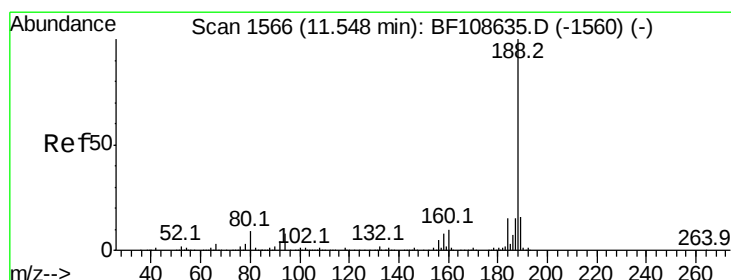
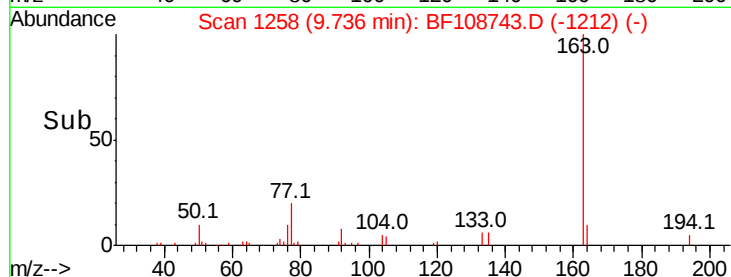
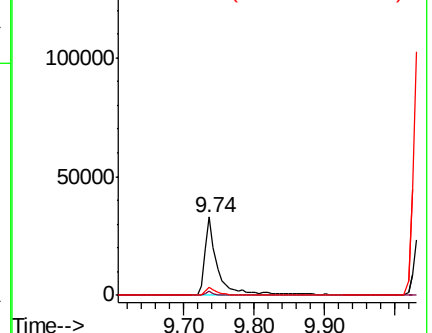
164 9.7 8.2 12.2



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: 11.53 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

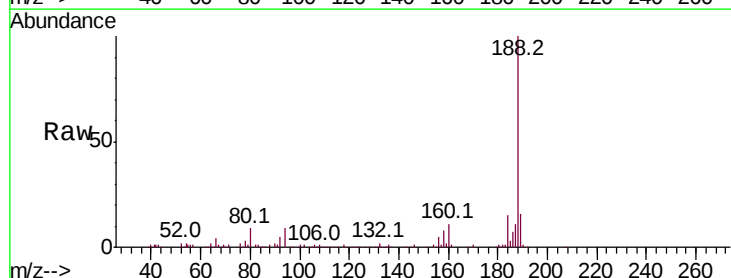
Tgt Ion:188 Resp: 262211

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

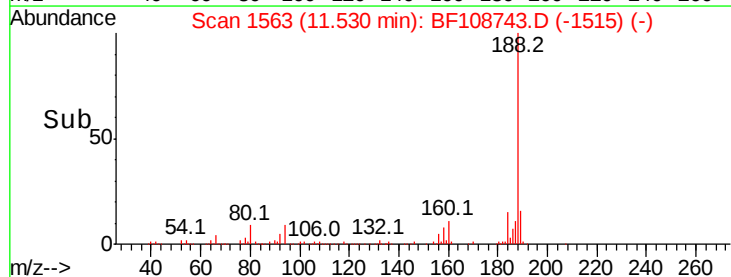
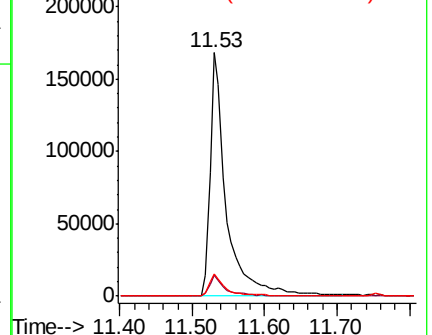
80 9.2 9.2 13.8#

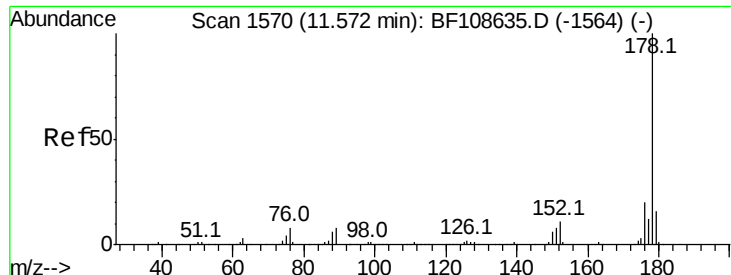


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.203 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14

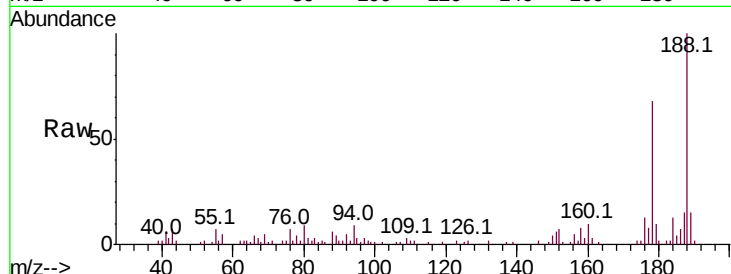
Tot Ion:178 Resp: 29161

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

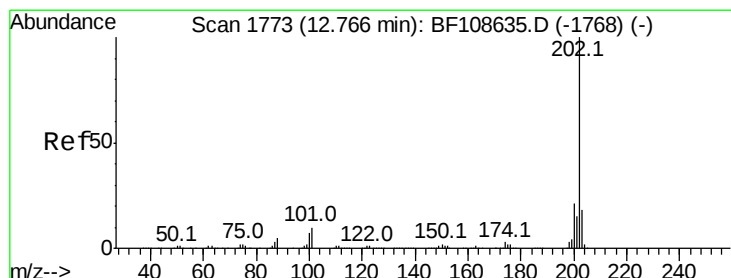
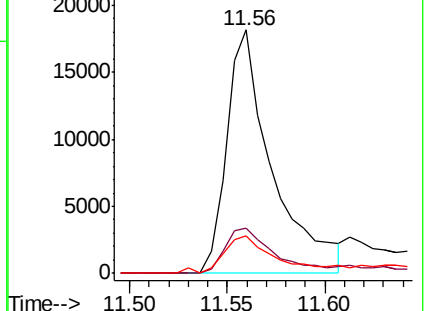
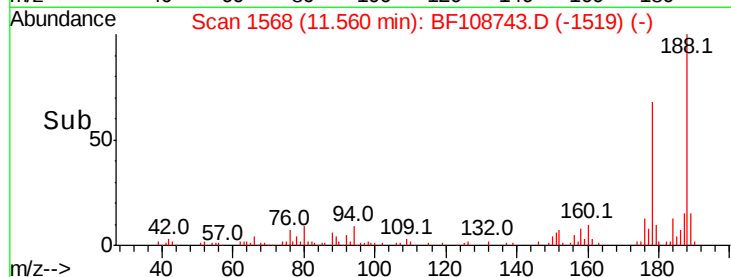
179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.604 ng

RT: 12.75 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

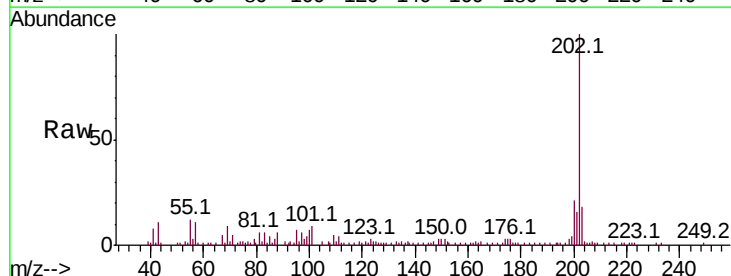
Tgt Ion:202 Resp: 83484

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.1

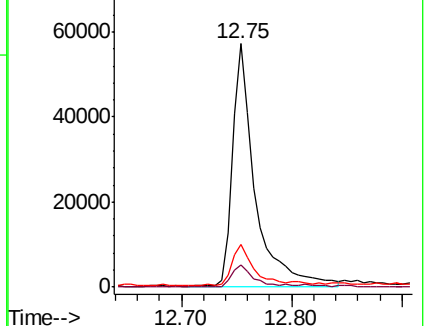
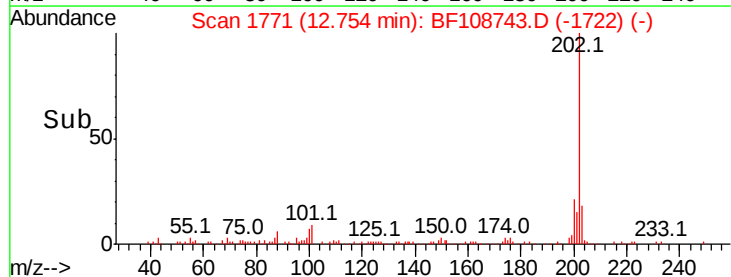
203 17.7 0.0 38.1

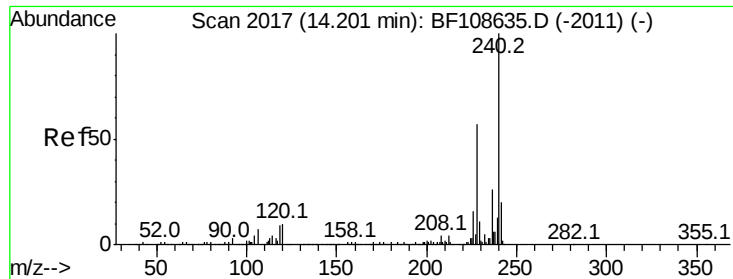


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14

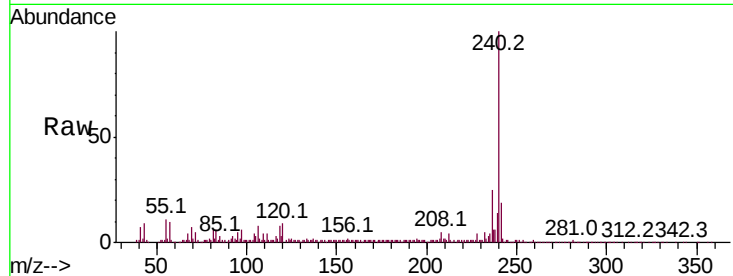
Tot Ion:240 Resp: 210840

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

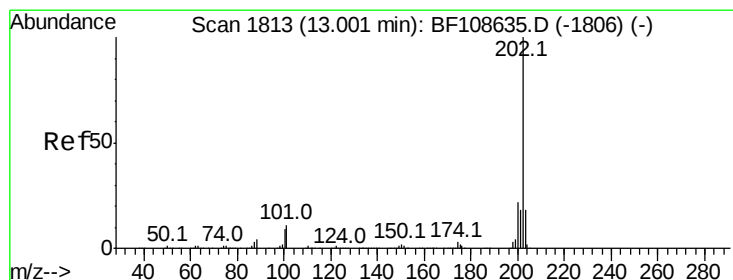
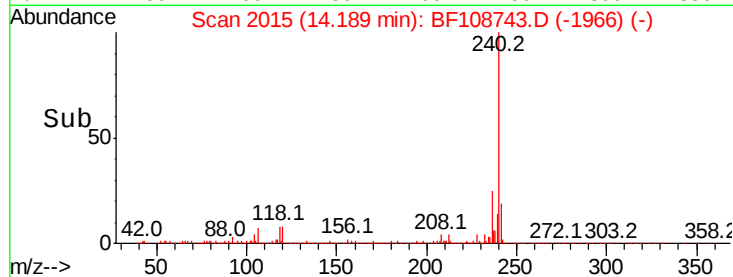
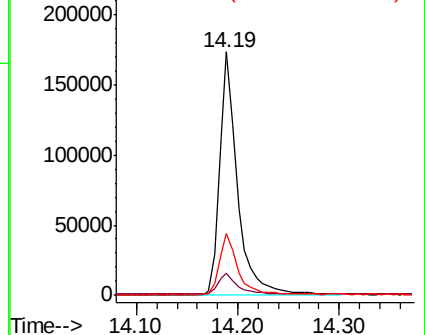
236 25.4 20.7 31.1



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



#77

Pyrene

Concen: 3.561 ng

RT: 12.98 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

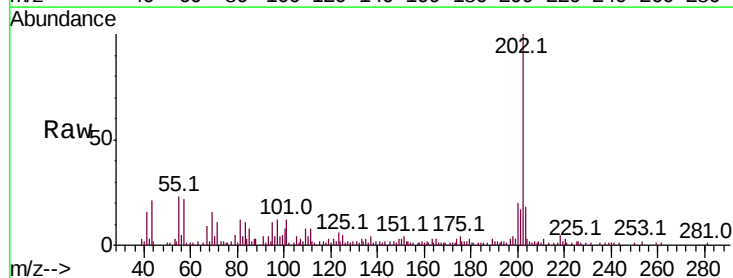
Tgt Ion:202 Resp: 56446

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

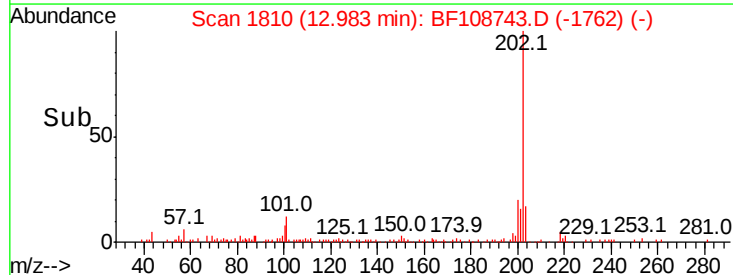
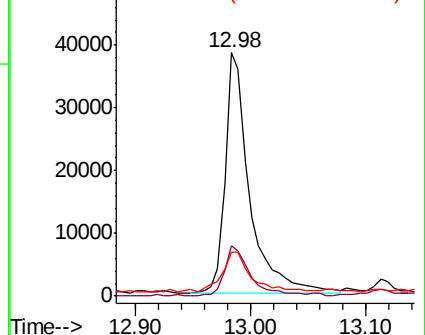
203 17.9 14.3 21.5

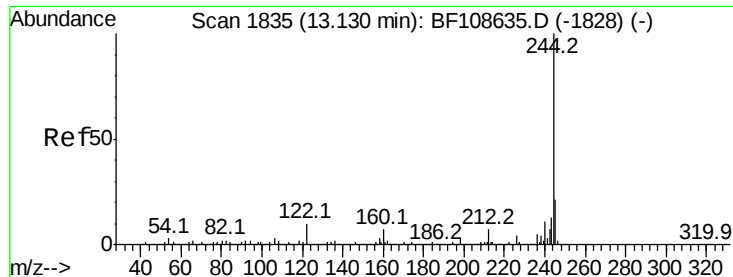


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.696 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14

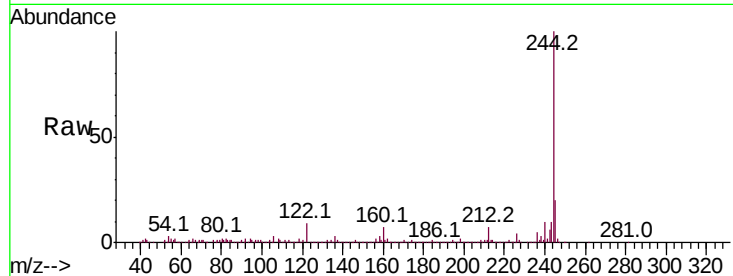
Tot Ion:244 Resp: 680351

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

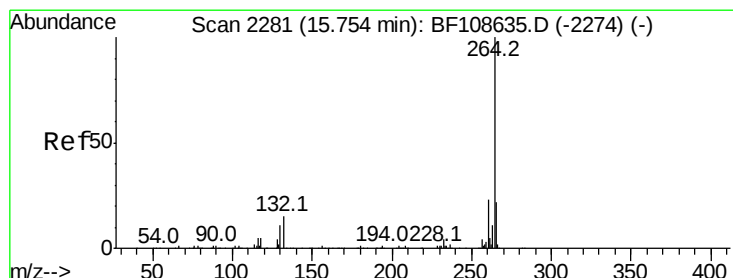
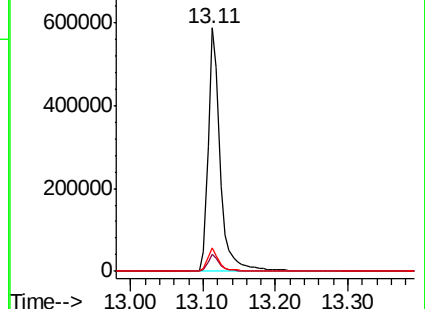
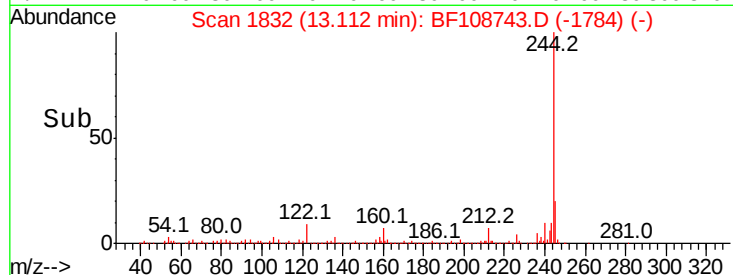
122 9.4 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108743.D

Acq: 4 Sep 2018 16:19

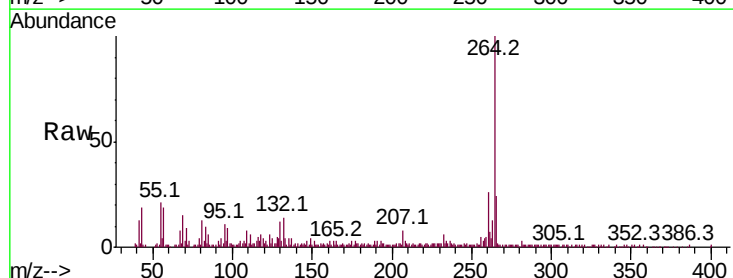
Tgt Ion:264 Resp: 148699

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 24.1 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

