

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107968.D
 Acq On : 4 Aug 2018 5:27
 Operator : JU/SJ
 Sample : J4297-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 06 03:46:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

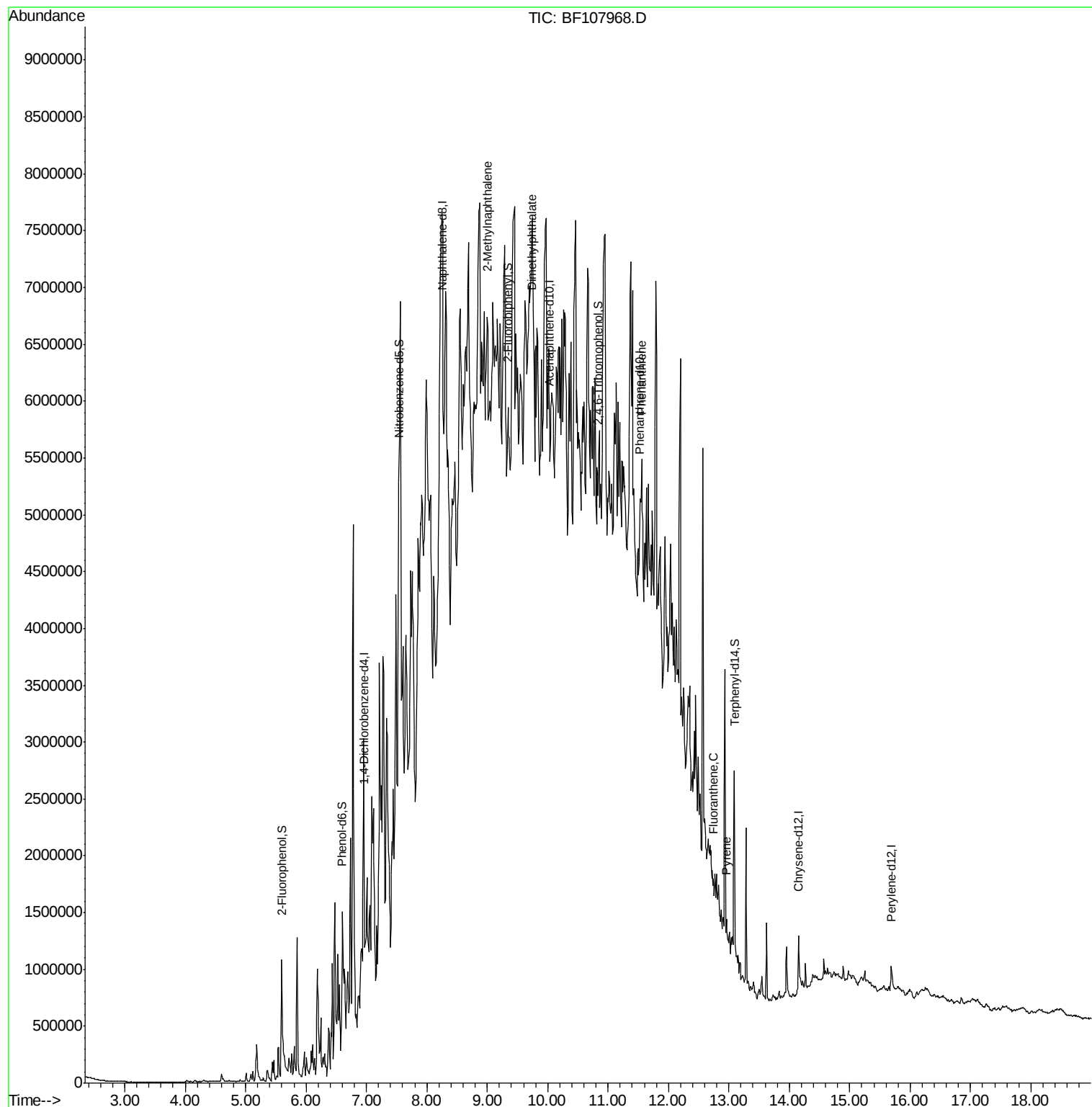
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	91674	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	126755	20.00	ng	0.02
38) Acenaphthene-d10	10.04	164	137401	20.00	ng	0.03
63) Phenanthrene-d10	11.53	188	160834	20.00	ng	0.03
75) Chrysene-d12	14.15	240	254718	20.00	ng	0.00
86) Perylene-d12	15.69	264	201172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	701348	130.02	ng	0.00
7) Phenol-d6	6.60	99	839517	118.09	ng	0.00
23) Nitrobenzene-d5	7.53	82	280353	127.42	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	128376	68.76	ng	0.04
44) 2-Fluorobiphenyl	9.34	172	614588	62.33	ng	0.02
78) Terphenyl-d14	13.09	244	859174	73.14	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	9.00	142	2126663	574.599	ng	95
49) Dimethylphthalate	9.73	163	43374	4.203	ng	# 71
70) Phenanthrene	11.55	178	608032	79.618	ng	# 93
74) Fluoranthene	12.74	202	36894	4.112	ng	# 72
77) Pyrene	12.97	202	40219	2.193	ng	# 66

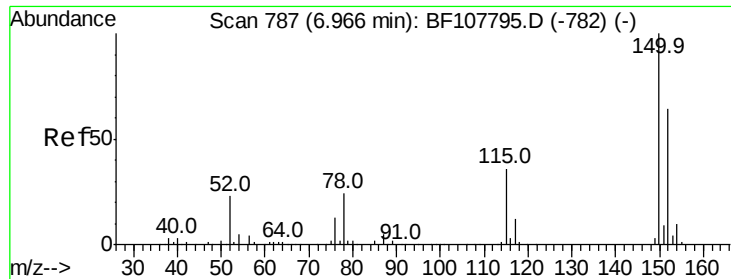
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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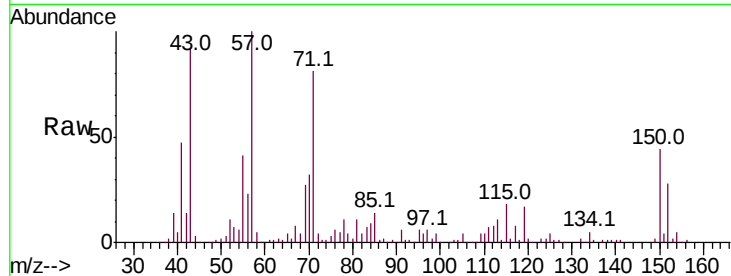


#1

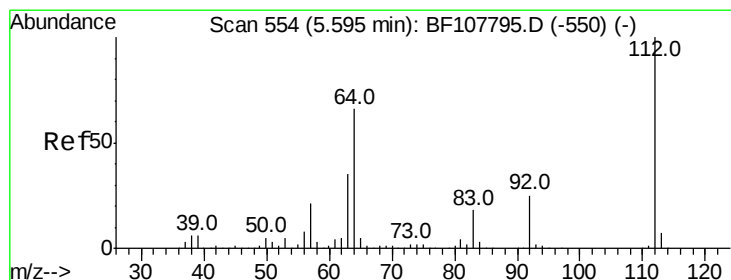
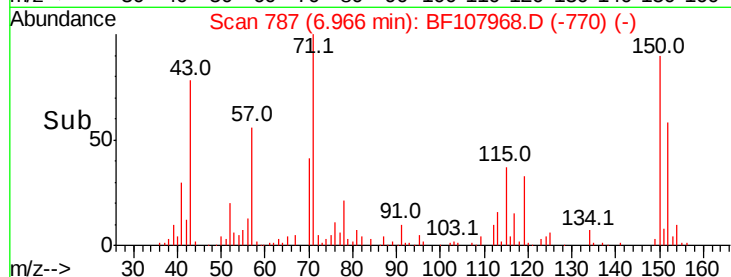
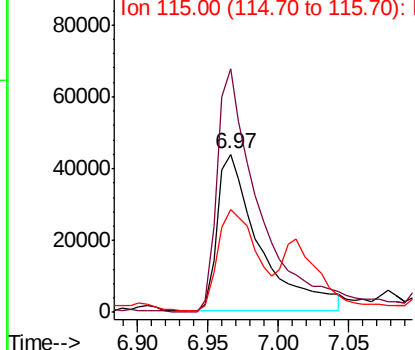
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 91674
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 64.8 50.1 75.1



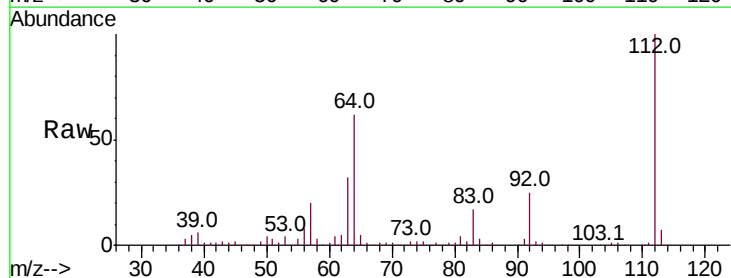
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



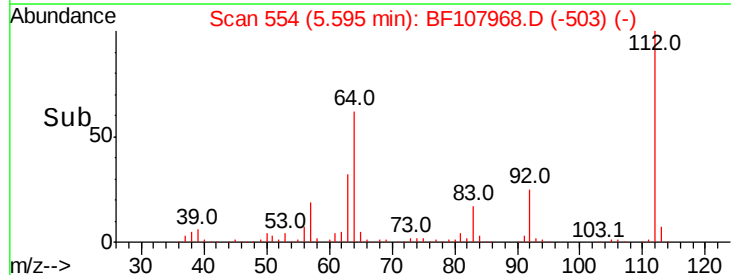
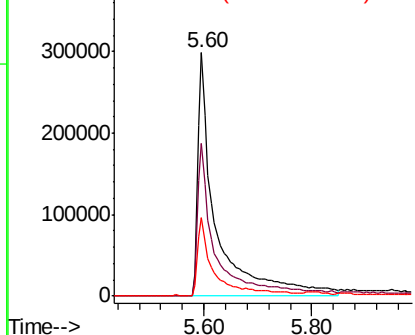
#5

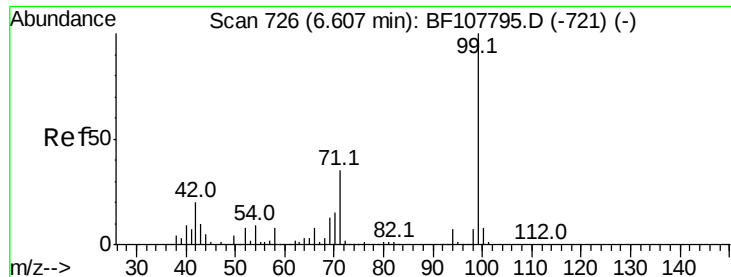
2-Fluorophenol
Concen: 130.023 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Tgt Ion:112 Resp: 701348
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.0 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: 118.092 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

Instrument :

BNA_F

ClientSampleId :

TP-2

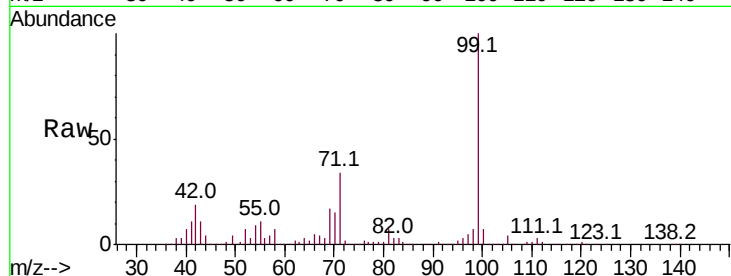
Tot Ion: 99 Resp: 839517

Ion Ratio Lower Upper

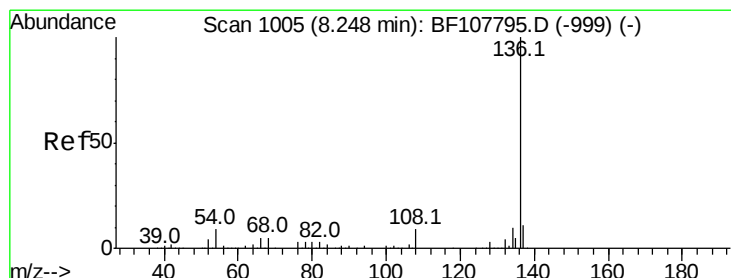
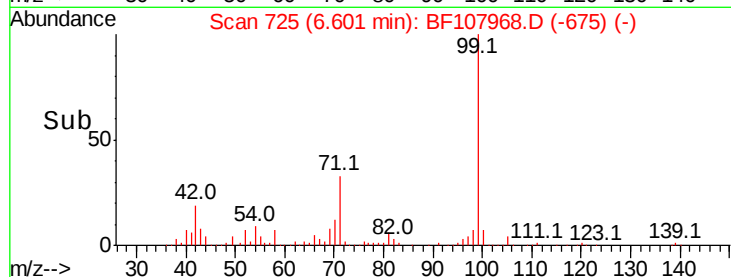
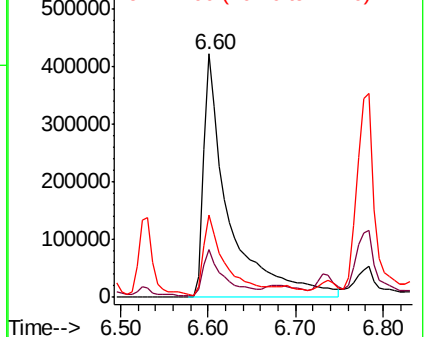
99 100

42 19.4 14.5 21.7

71 33.7 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# 1008

Delta R.T. 0.02 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

Tgt Ion: 136 Resp: 126755

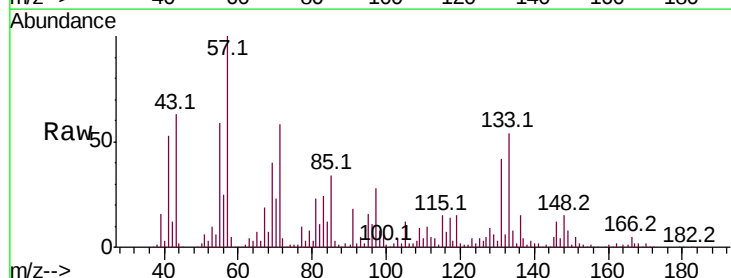
Ion Ratio Lower Upper

136 100

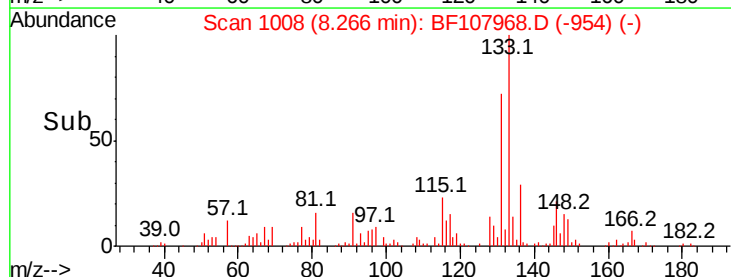
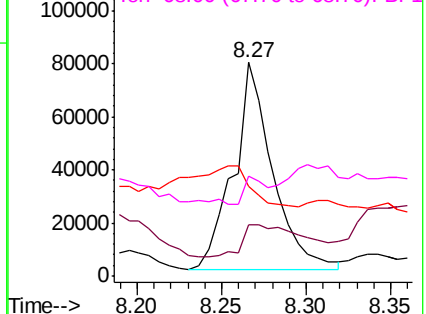
137 23.9 8.9 13.3#

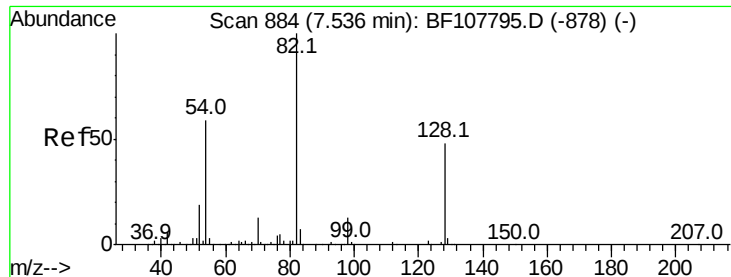
54 42.1 6.6 9.8#

68 46.7 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

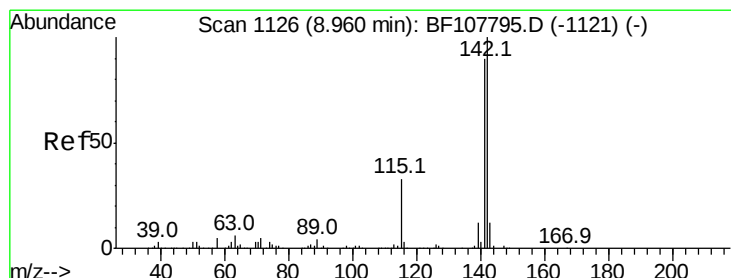
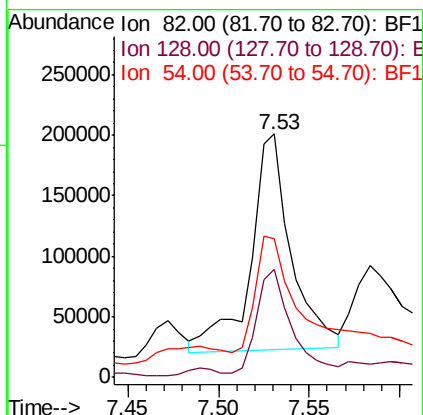
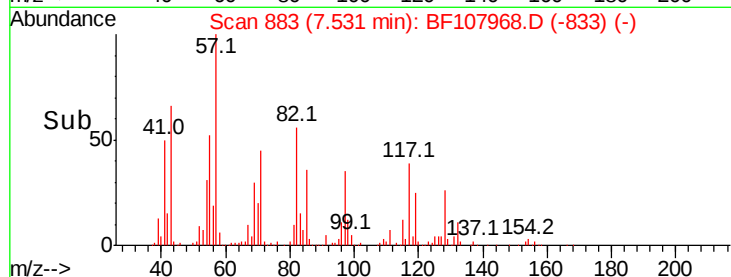
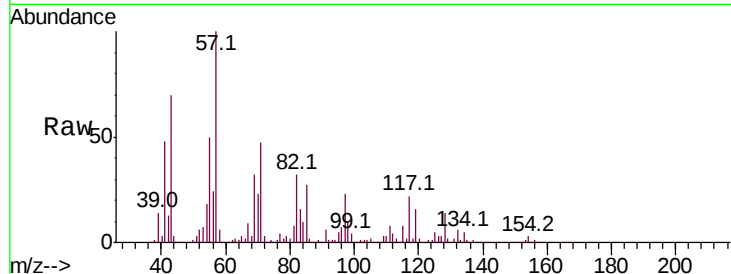




#23
Nitrobenzene-d5
Concen: 127.421 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

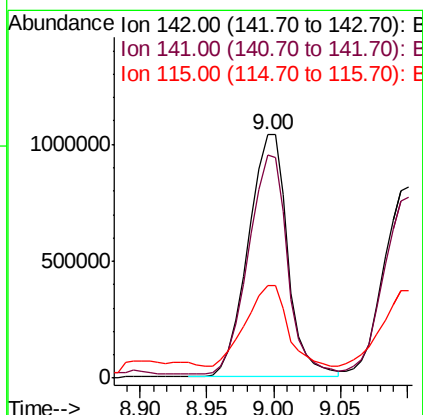
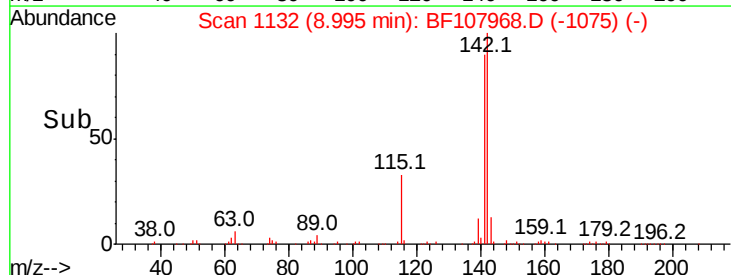
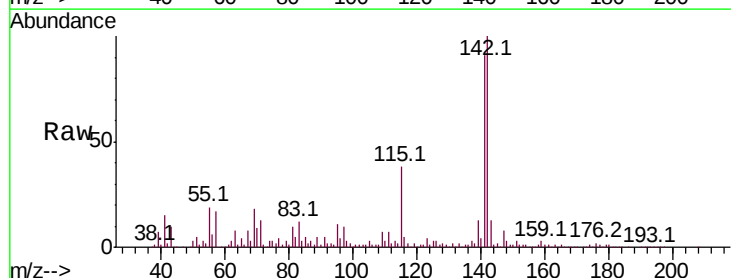
Instrument :
BNA_F
ClientSampleId :
TP-2

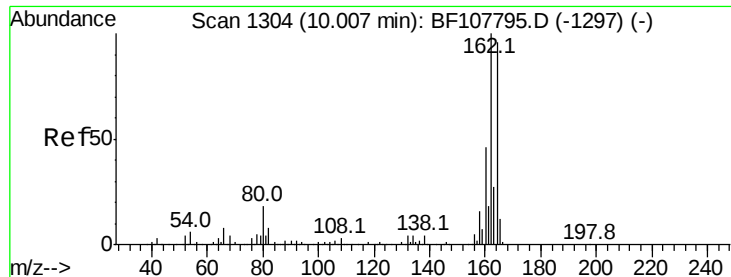
Tot Ion: 82 Resp: 280353
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 57.1 41.4 62.2



#37
2-Methylnaphthalene
Concen: 574.599 ng
RT: 9.00 min Scan# 1132
Delta R.T. 0.04 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Tgt Ion:142 Resp: 2126663
Ion Ratio Lower Upper
142 100
141 91.4 70.8 106.2
115 37.9 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1309

Delta R.T. 0.03 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

Instrument :

BNA_F

ClientSampled :

TP-2

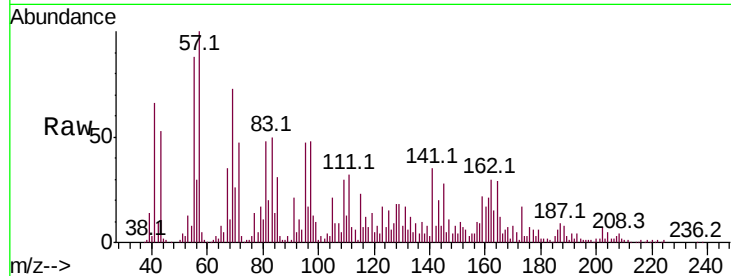
Tot Ion:164 Resp: 137401

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

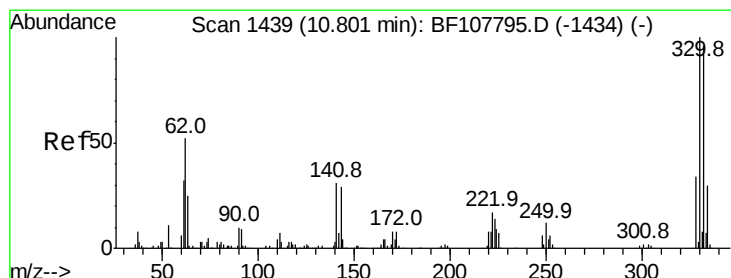
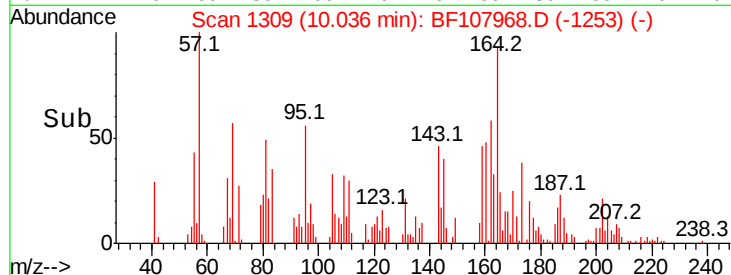
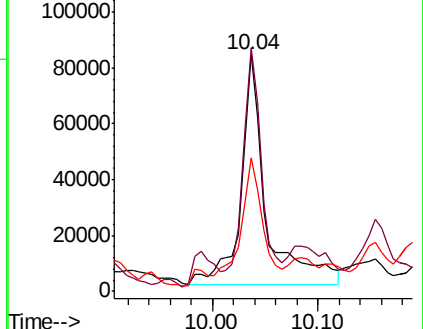
160 56.3 38.3 57.5



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: 68.760 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.04 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

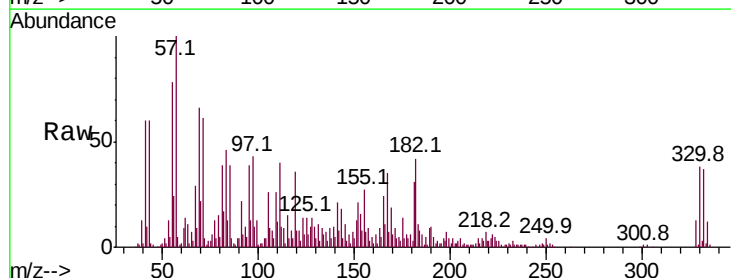
Tgt Ion:330 Resp: 128376

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

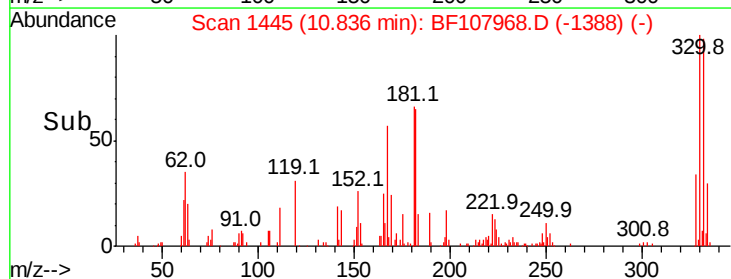
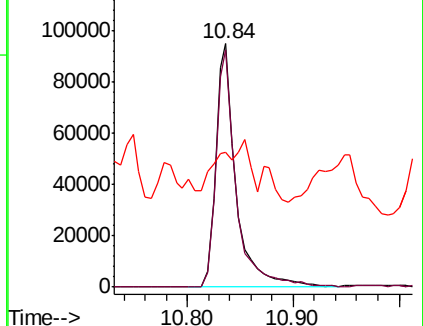
141 29.5 29.9 44.9#

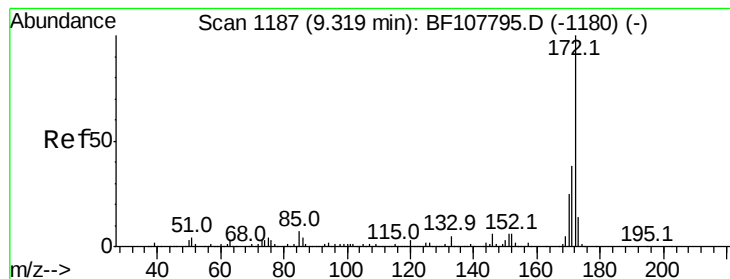


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

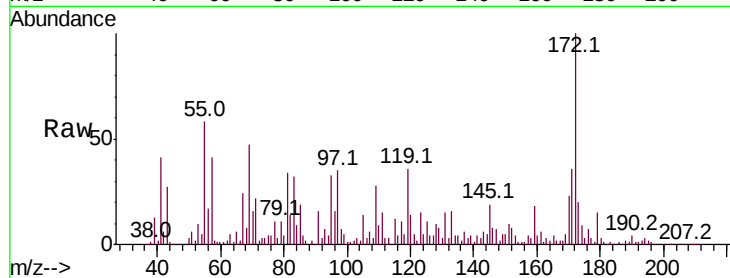




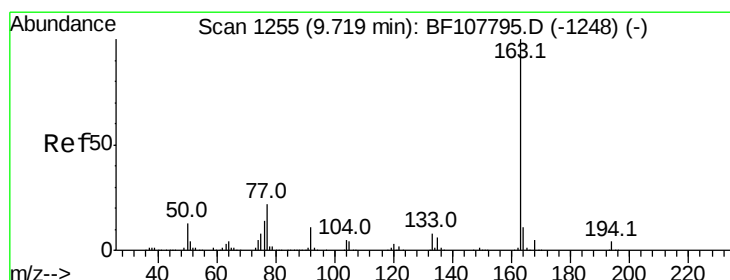
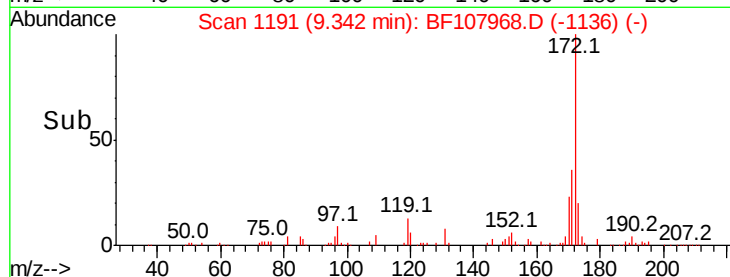
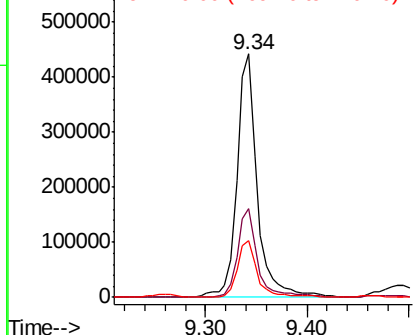
#44
2-Fluorobiphenyl
Concen: 62.330 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion:172 Resp: 614588
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.5 19.6 29.4

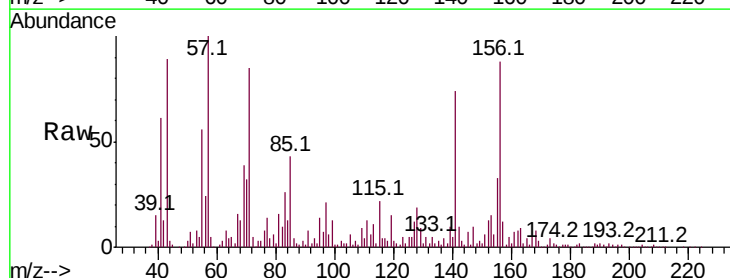


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

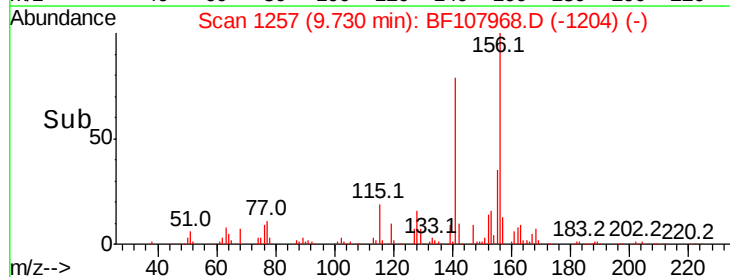
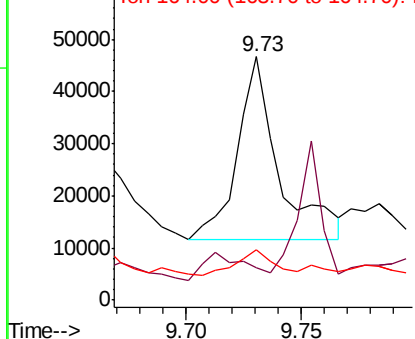


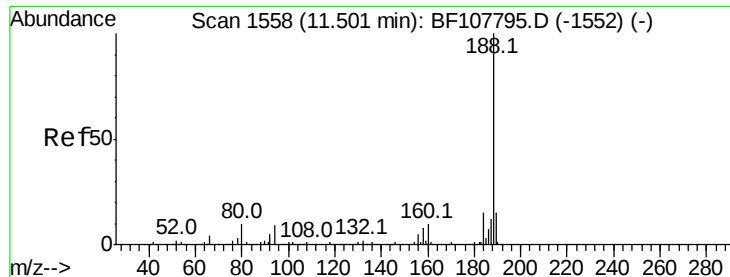
#49
Dimethylphthalate
Concen: 4.203 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Tgt Ion:163 Resp: 43374
Ion Ratio Lower Upper
163 100
194 13.5 2.7 4.1#
164 20.8 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

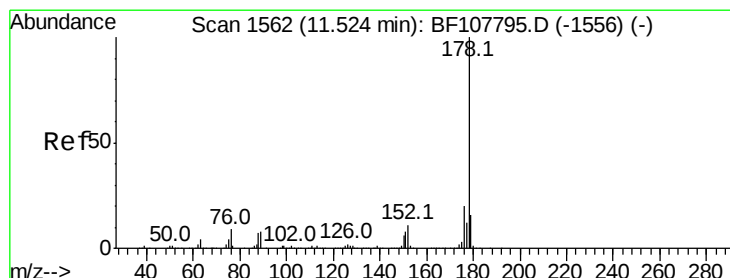
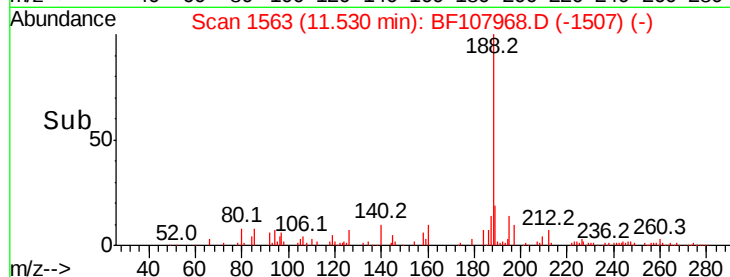
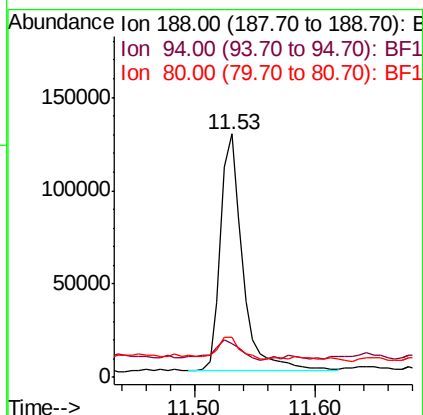
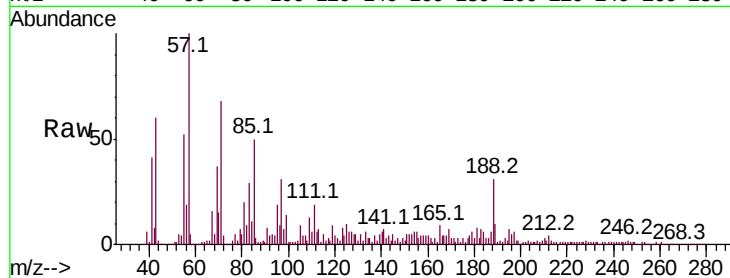




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.03 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

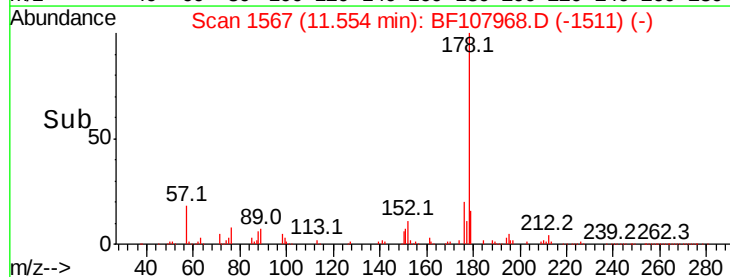
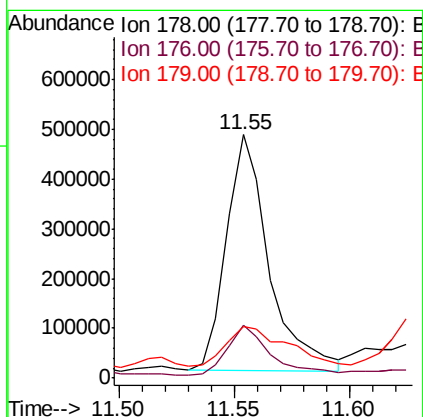
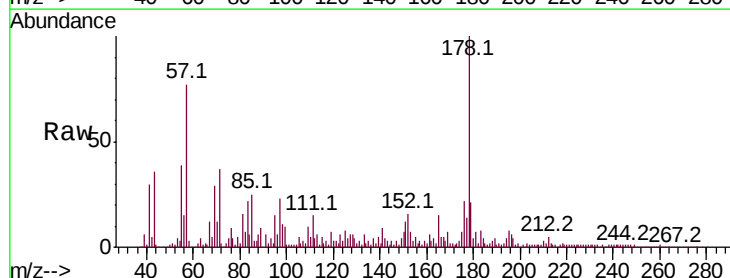
Instrument :
BNA_F
ClientSampleId :
TP-2

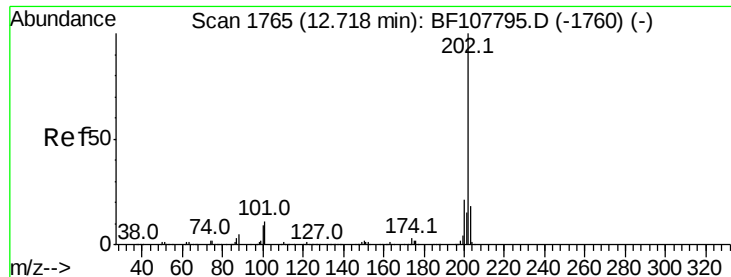
Tot Ion:188 Resp: 160834
Ion Ratio Lower Upper
188 100
94 13.9 8.5 12.7#
80 16.3 9.2 13.8#



#70
Phenanthrene
Concen: 79.618 ng
RT: 11.55 min Scan# 1567
Delta R.T. 0.03 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Tgt Ion:178 Resp: 608032
Ion Ratio Lower Upper
178 100
176 21.6 15.8 23.8
179 21.0 13.0 19.6#





#74

Fluoranthene

Concen: 4.112 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.02 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

Instrument :

BNA_F

ClientSampleId :

TP-2

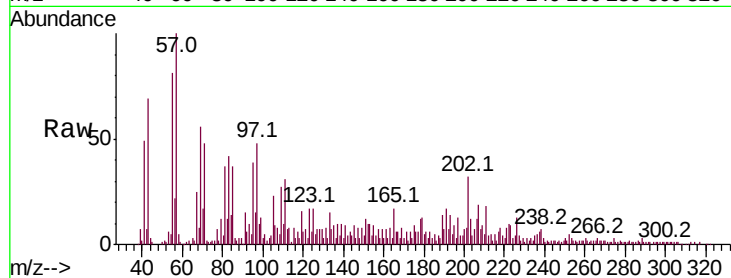
Tot Ion:202 Resp: 36894

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.1

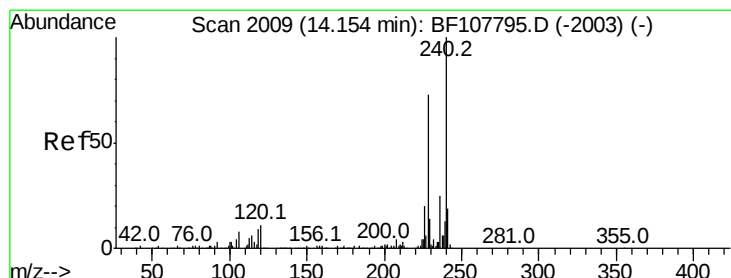
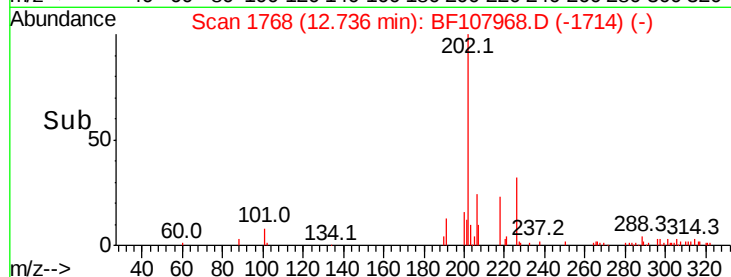
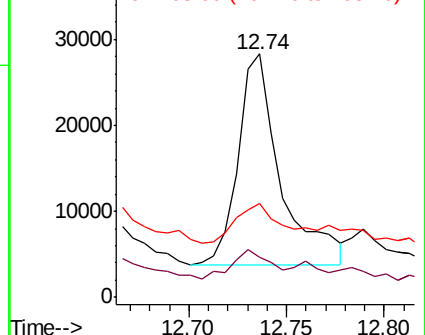
203 38.4 0.0 38.1#



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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

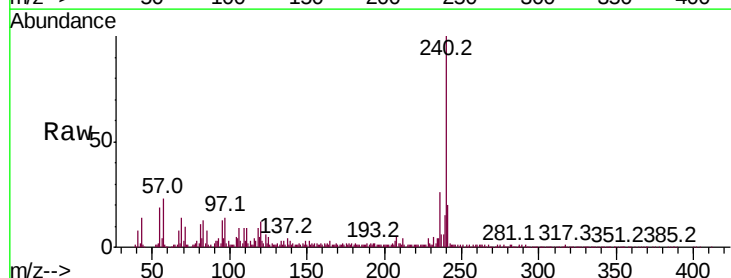
Tgt Ion:240 Resp: 254718

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

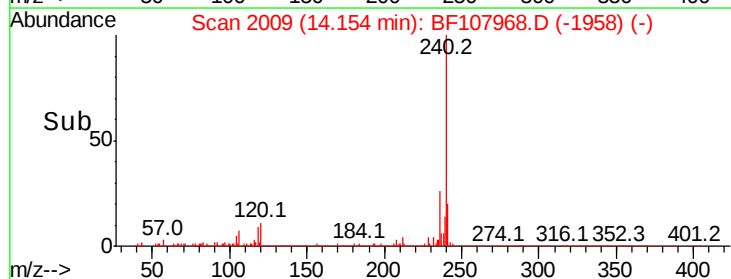
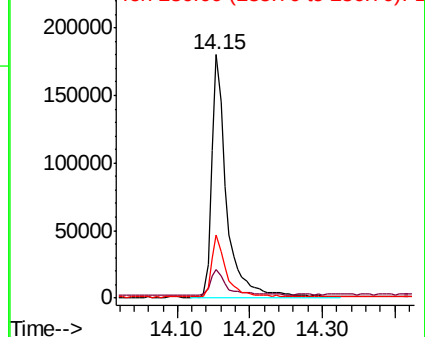
236 26.0 20.7 31.1

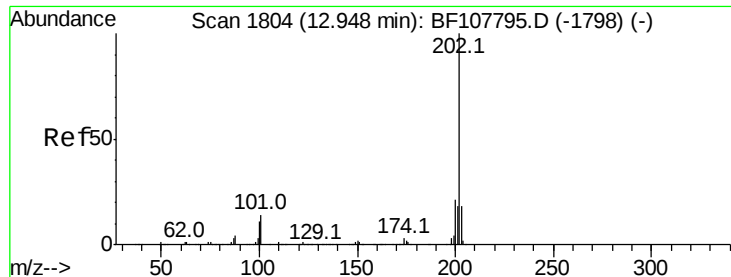


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.193 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

Instrument :

BNA_F

ClientSampleId :

TP-2

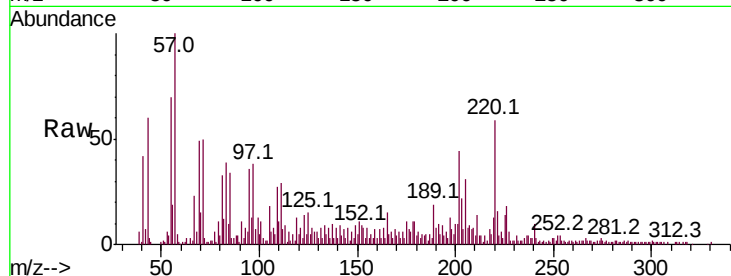
Tot Ion:202 Resp: 40219

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

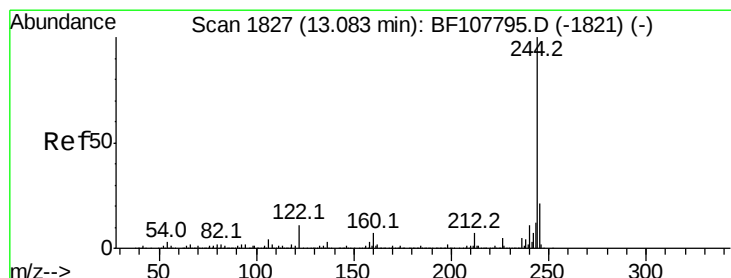
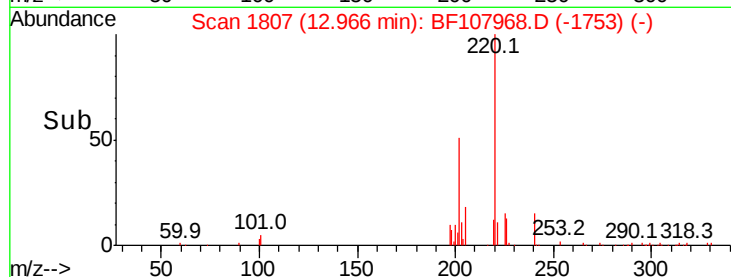
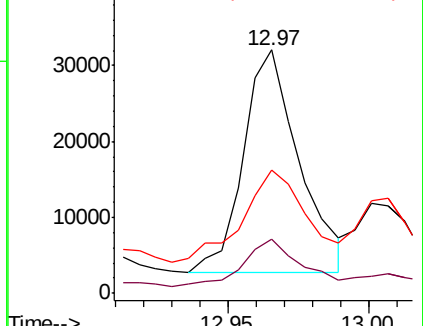
203 50.5 14.3 21.5#



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: 73.142 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF107968.D

Acq: 4 Aug 2018 5:27

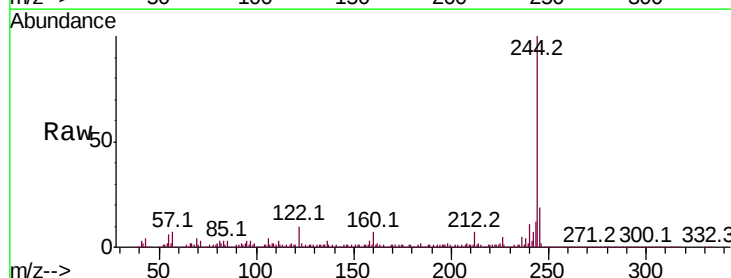
Tgt Ion:244 Resp: 859174

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

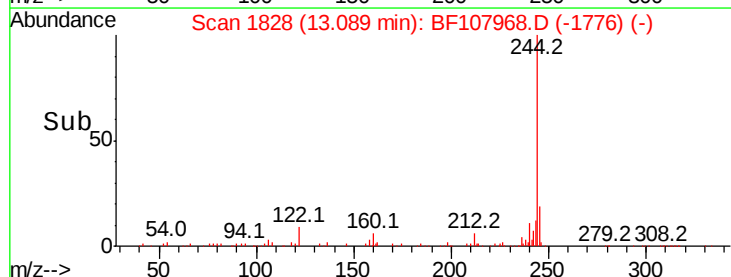
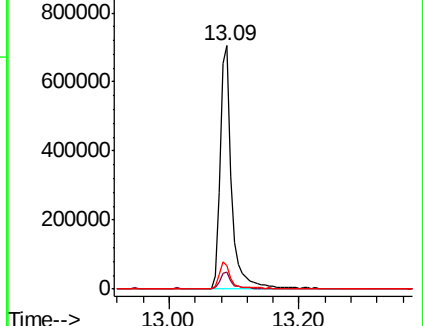
122 9.8 11.0 16.4#

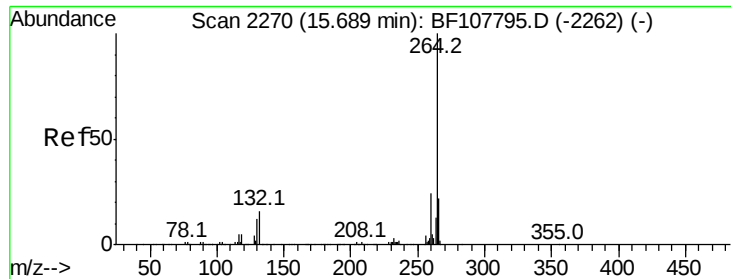


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107968.D
Acq: 4 Aug 2018 5:27

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	17.5	26.3

