

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107744.D
 Acq On : 27 Jul 2018 14:33
 Operator : JU/SJ
 Sample : J4180-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-PIT-1

Quant Time: Jul 27 17:51:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

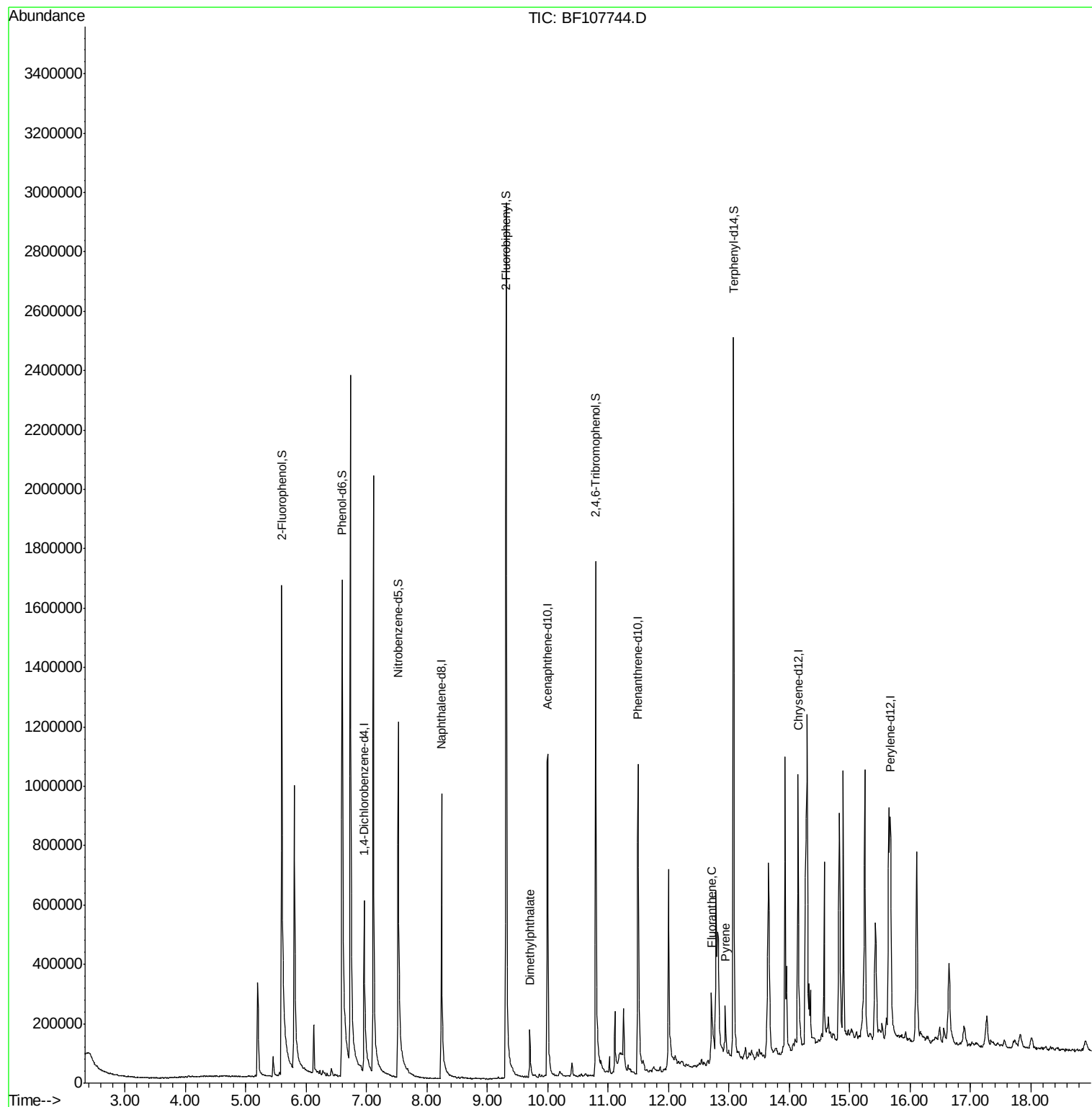
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	164163	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	655571	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	288271	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	548184	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	398124	20.00	ng	-0.02
86) Perylene-d12	15.67	264	460216	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	818384	80.15	ng	-0.01
7) Phenol-d6	6.60	99	1105892	90.20	ng	-0.02
23) Nitrobenzene-d5	7.52	82	657177	67.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	318641	97.20	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1193938	66.77	ng	-0.02
78) Terphenyl-d14	13.08	244	970601	62.41	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	90825	4.180	ng	98
74) Fluoranthene	12.71	202	88716	3.095	ng	98
77) Pyrene	12.94	202	91465	3.359	ng	97

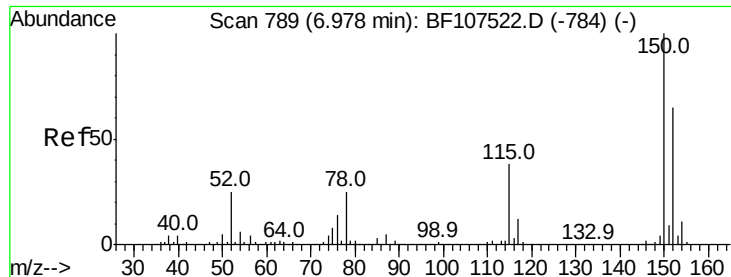
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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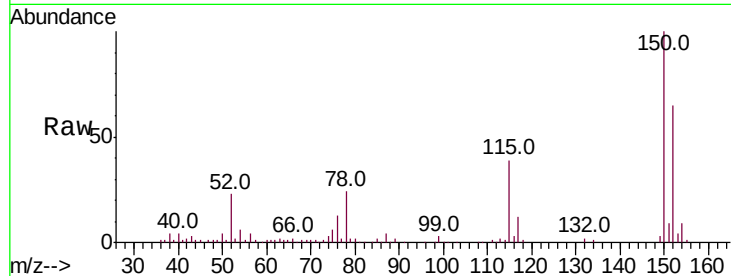


#1

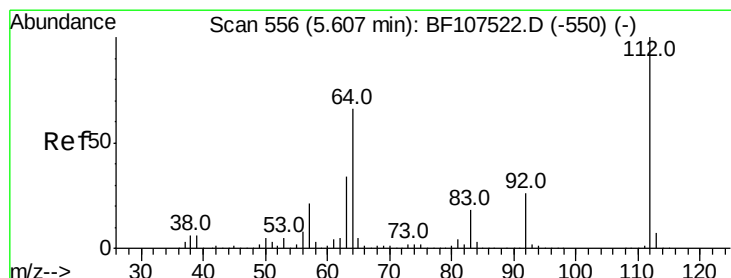
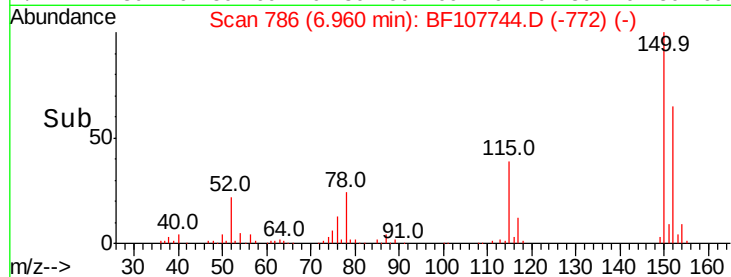
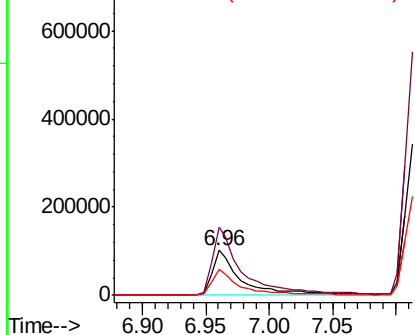
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Instrument :
 BNA_F
 ClientSampleId :
 GS-PIT-1

Tot Ion:152 Resp: 164163
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 59.5 50.1 75.1



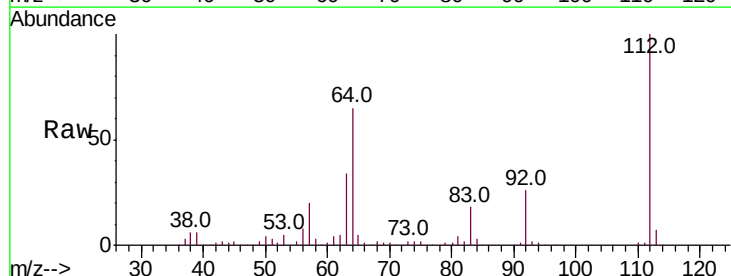
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



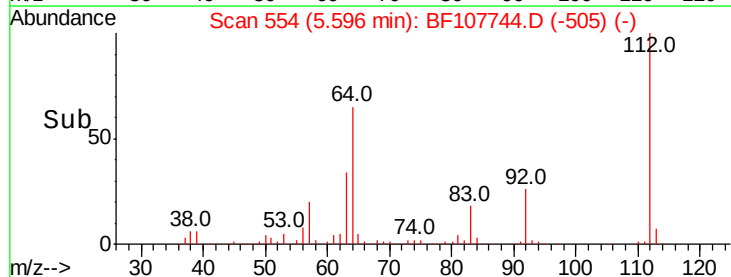
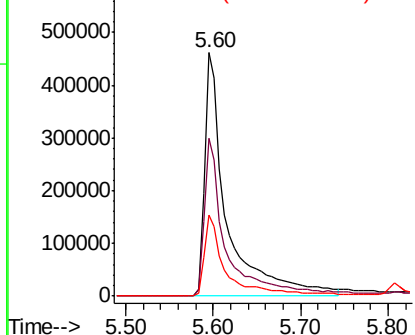
#5

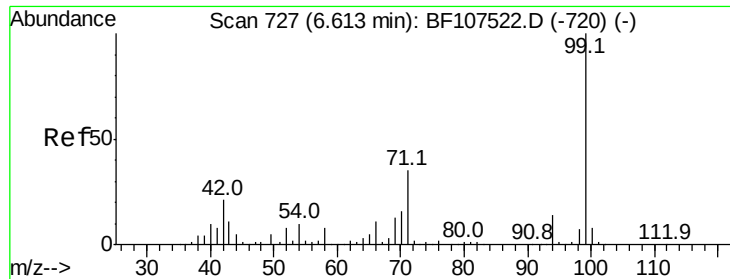
2-Fluorophenol
 Concen: 80.152 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Tgt Ion:112 Resp: 818384
 Ion Ratio Lower Upper
 112 100
 64 65.1 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: 90.204 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107744.D

Acq: 27 Jul 2018 14:33

Instrument :

BNA_F

ClientSampleId :

GS-PIT-1

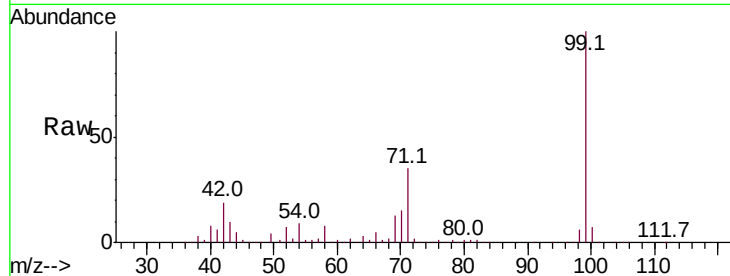
Tot Ion: 99 Resp: 1105892

Ion Ratio Lower Upper

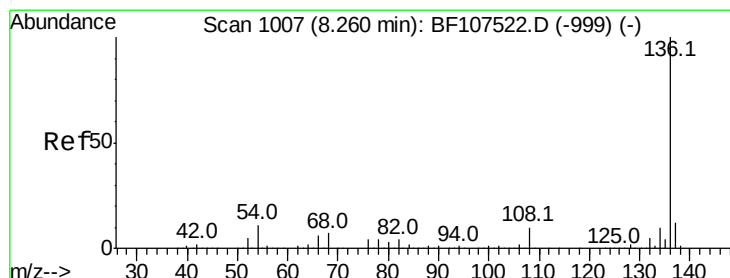
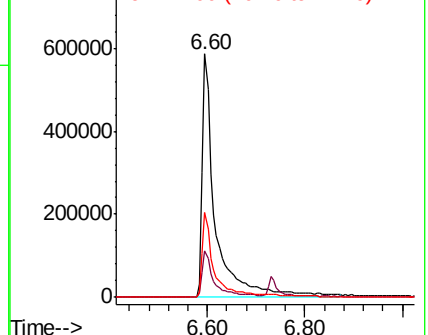
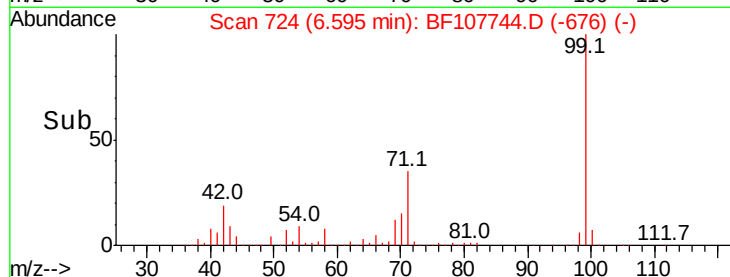
99 100

42 19.4 14.5 21.7

71 34.9 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: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107744.D

Acq: 27 Jul 2018 14:33

Tgt Ion: 136 Resp: 655571

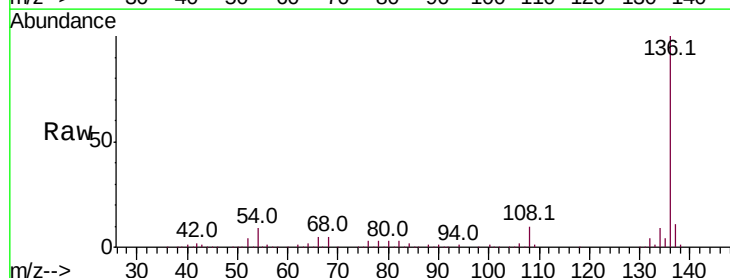
Ion Ratio Lower Upper

136 100

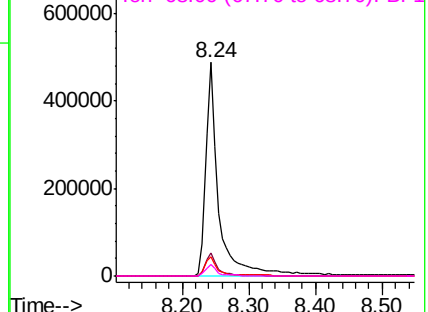
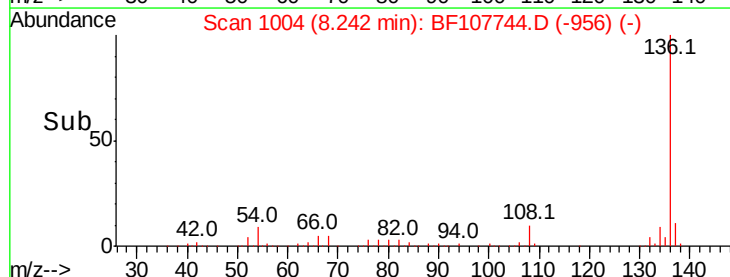
137 10.8 8.9 13.3

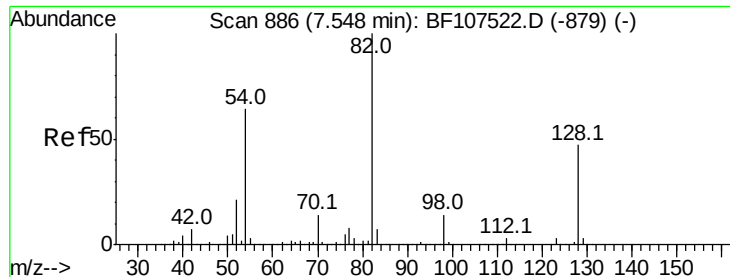
54 9.0 6.6 9.8

68 5.2 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

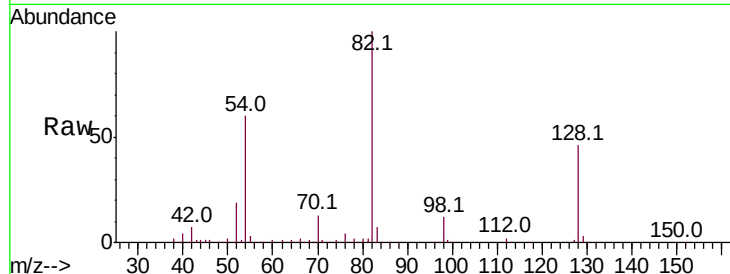




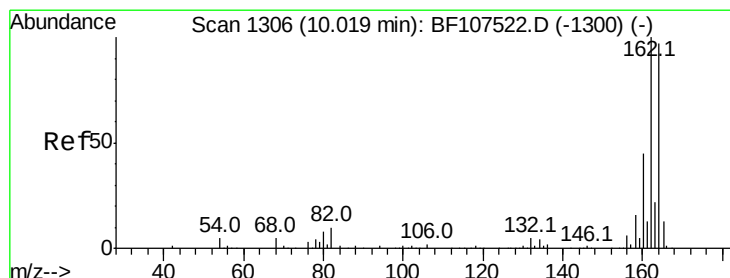
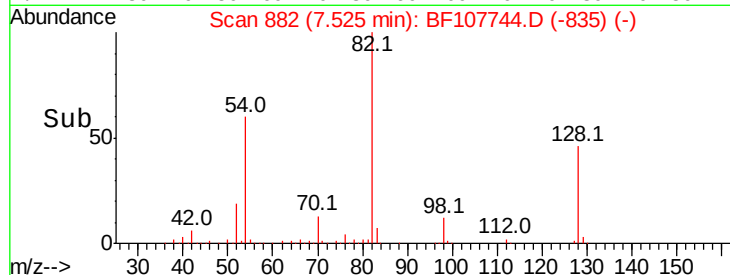
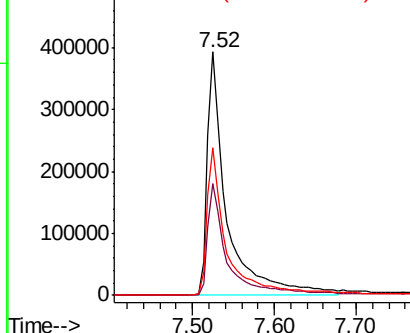
#23
 Nitrobenzene-d5
 Concen: 67.653 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Instrument :
 BNA_F
 ClientSampleId :
 GS-PIT-1

Tot Ion: 82 Resp: 657177
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 60.4 41.4 62.2

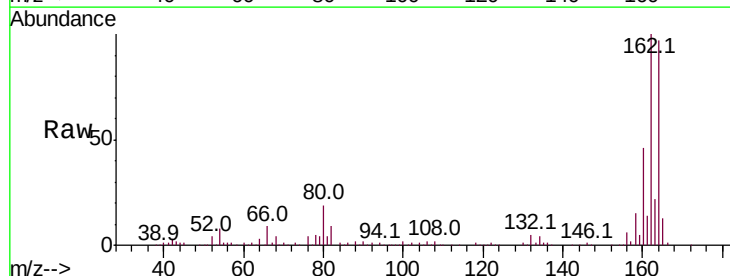


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

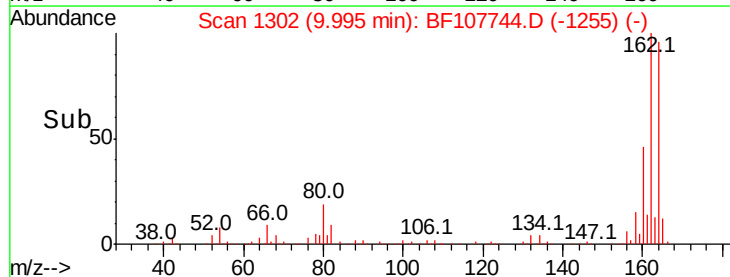
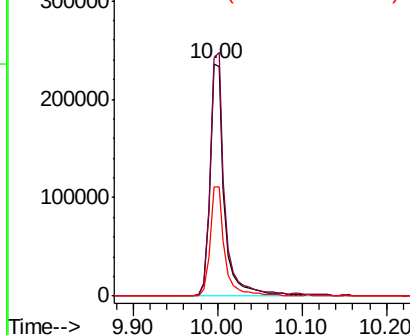


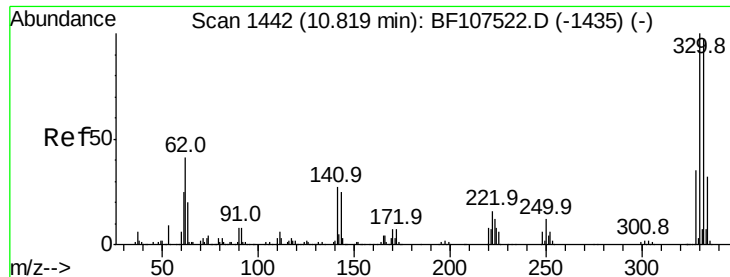
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Tgt Ion:164 Resp: 288271
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 46.8 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

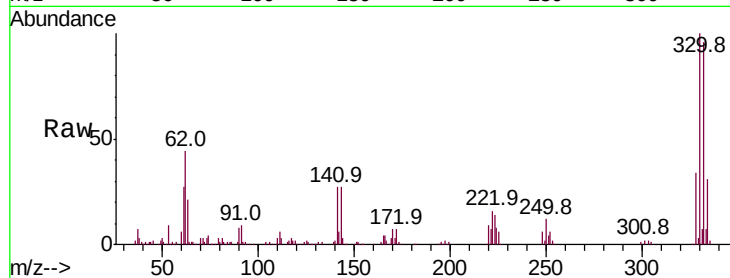




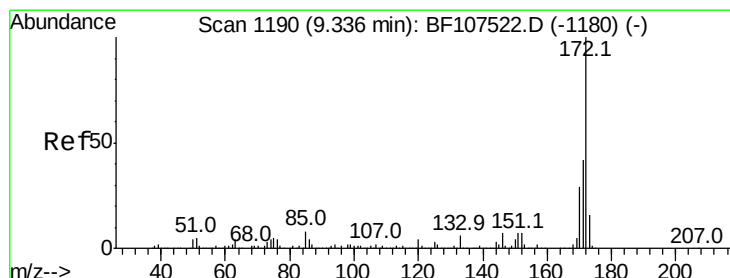
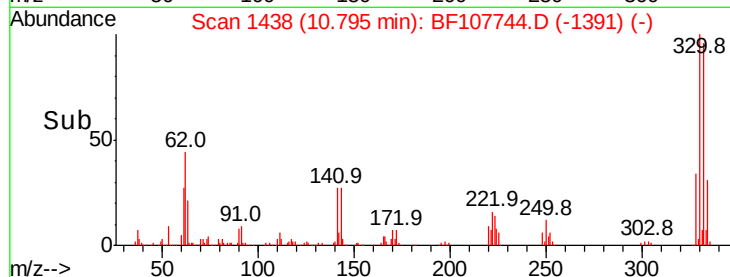
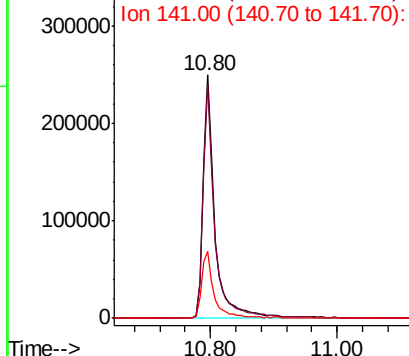
#41
 2,4,6-Tribromophenol
 Concen: 97.203 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Instrument :
 BNA_F
 ClientSampleId :
 GS-PIT-1

Tot Ion:330 Resp: 318641
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 29.4 29.9 44.9#

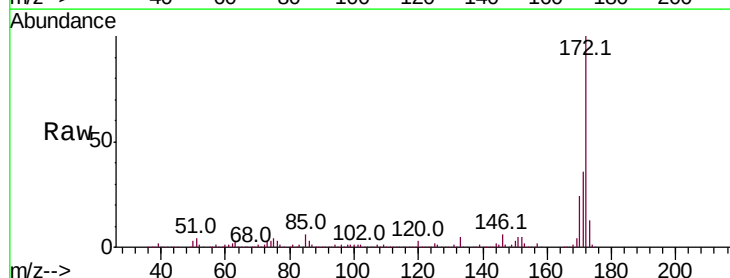


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

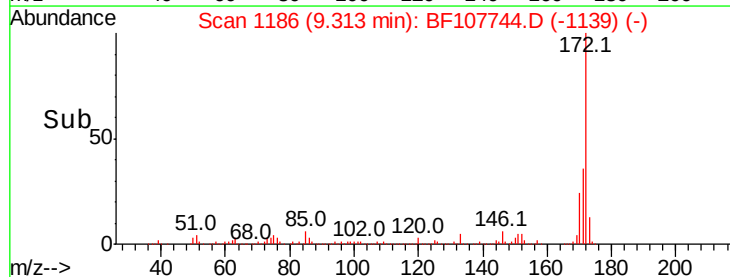
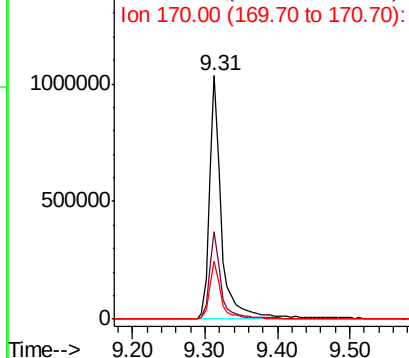


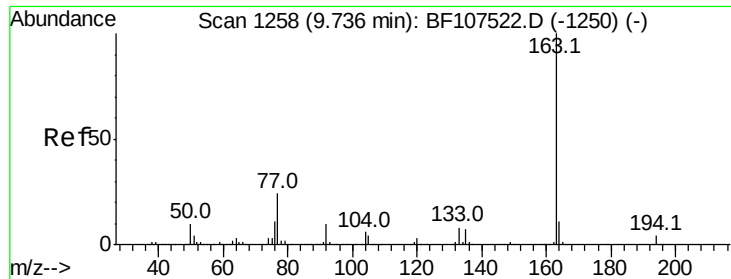
#44
 2-Fluorobiphenyl
 Concen: 66.774 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Tgt Ion:172 Resp: 1193938
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 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

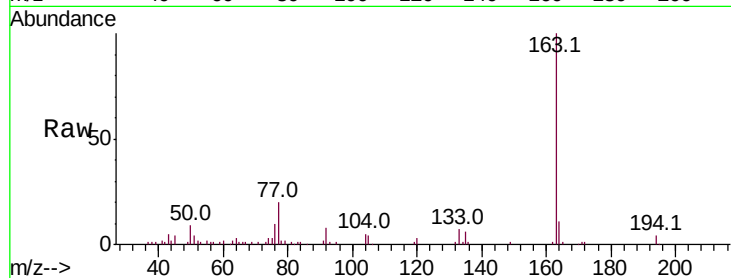




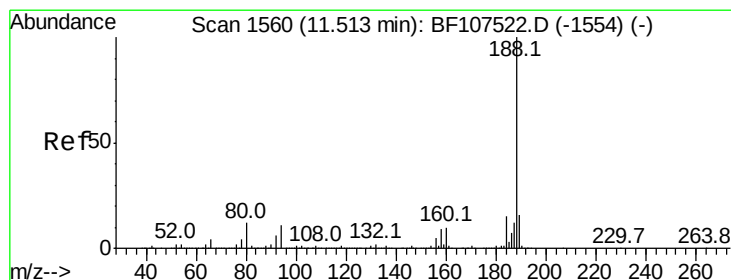
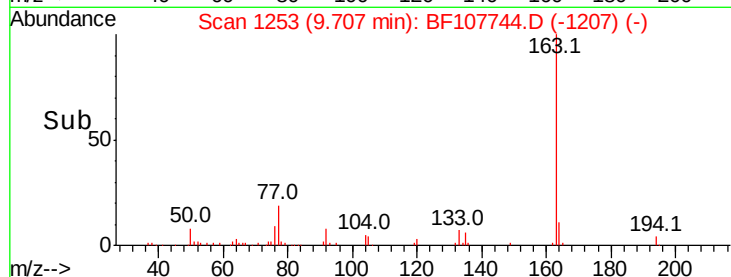
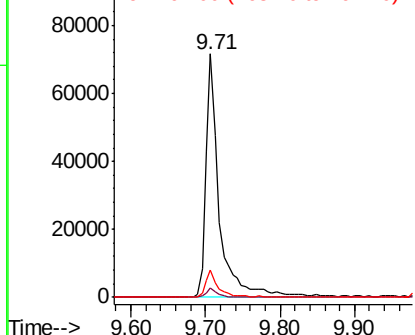
#49
Dimethylphthalate
Concen: 4.180 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107744.D
Acq: 27 Jul 2018 14:33

Instrument :
BNA_F
ClientSampleId :
GS-PIT-1

Tot Ion:163 Resp: 90825
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.2 12.2

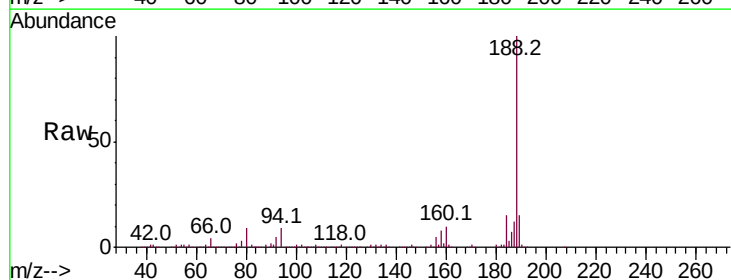


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

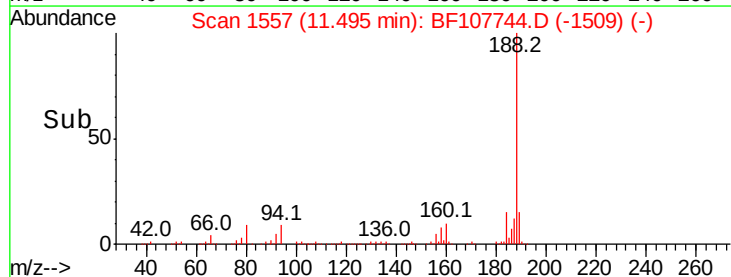
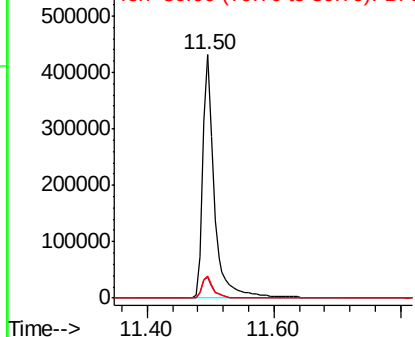


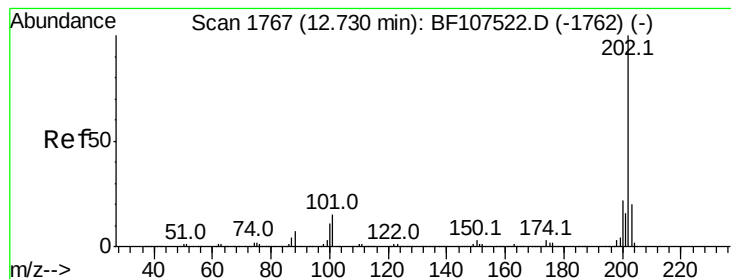
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107744.D
Acq: 27 Jul 2018 14:33

Tgt Ion:188 Resp: 548184
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.1 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





#74

Fluoranthene

Concen: 3.095 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107744.D

Acq: 27 Jul 2018 14:33

Instrument :

BNA_F

ClientSampleId :

GS-PIT-1

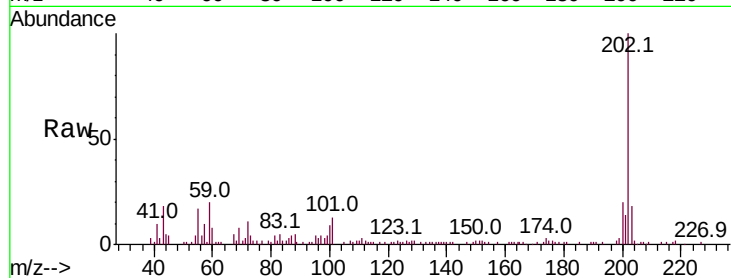
Tot Ion:202 Resp: 88716

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

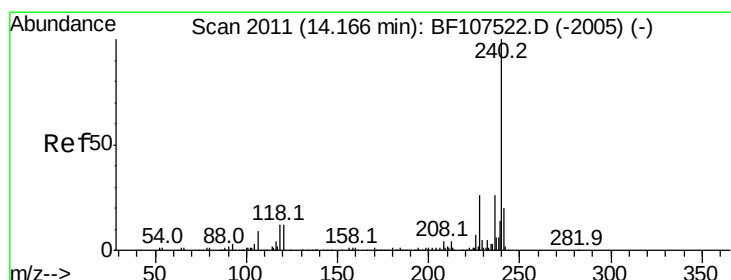
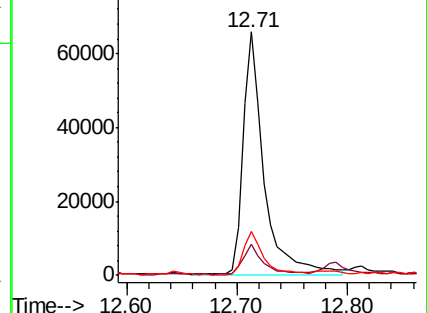
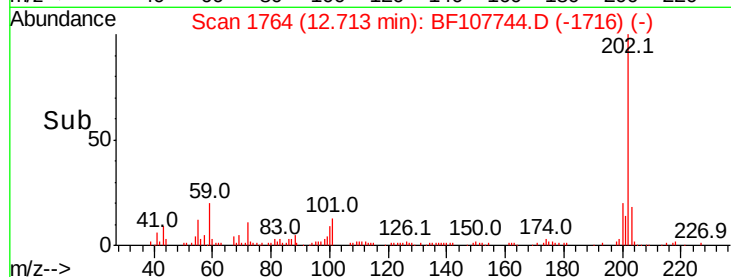
203 18.0 0.0 38.1



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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107744.D

Acq: 27 Jul 2018 14:33

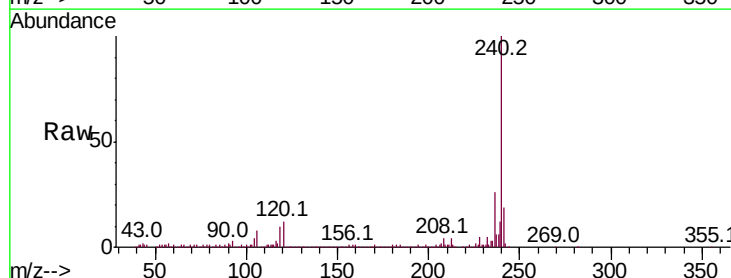
Tgt Ion:240 Resp: 398124

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

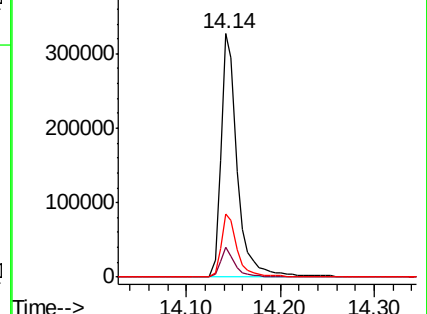
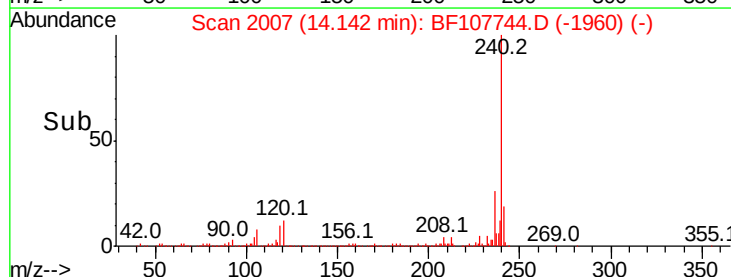
236 26.1 20.7 31.1

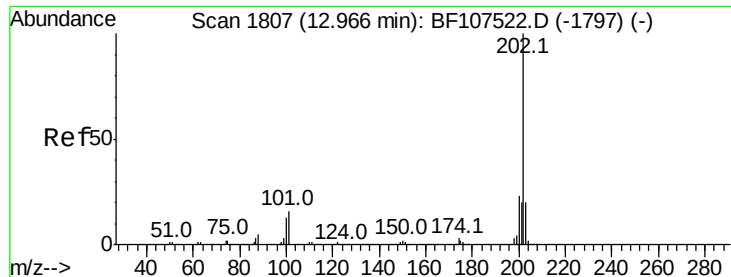


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

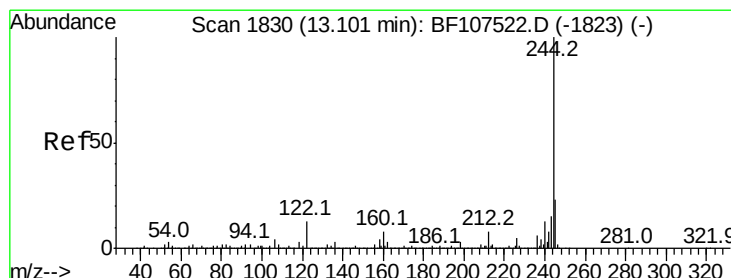
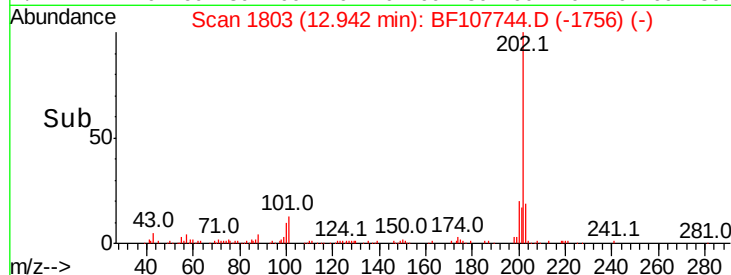
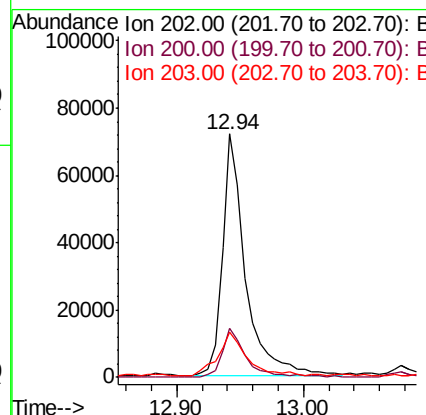
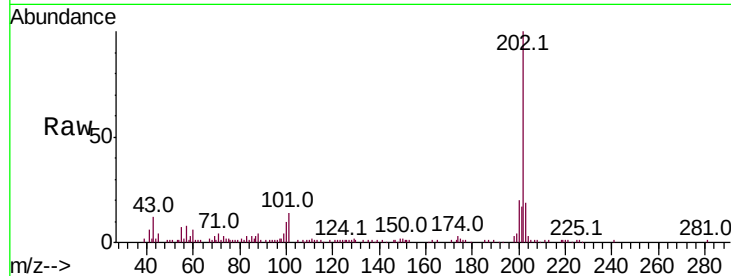




#77
Pvrene
Concen: 3.359 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107744.D
Acq: 27 Jul 2018 14:33

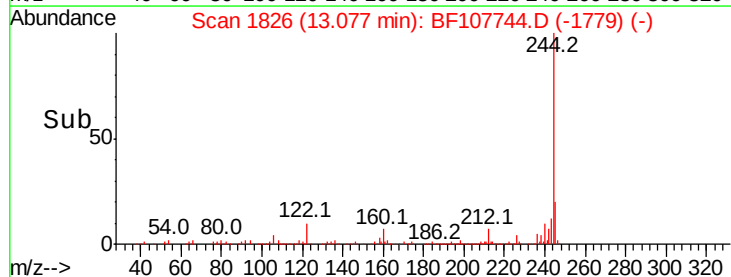
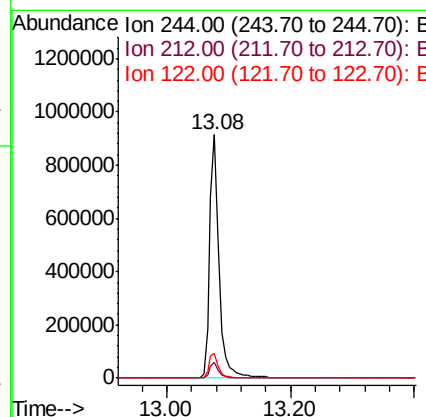
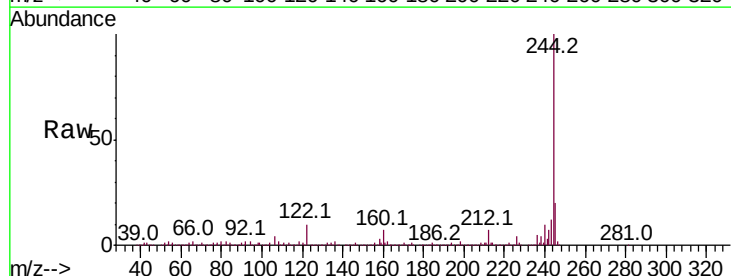
Instrument :
BNA_F
ClientSampleId :
GS-PIT-1

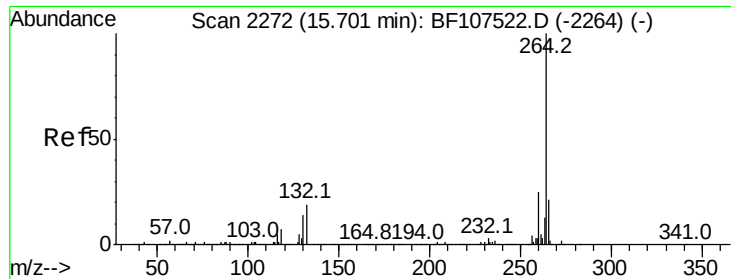
Tot Ion:202 Resp: 91465
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 62.413 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107744.D
Acq: 27 Jul 2018 14:33

Tgt Ion:244 Resp: 970601
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.4 11.0 16.4#

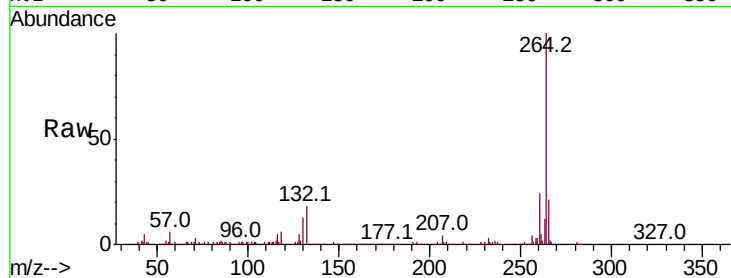




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF107744.D
 Acq: 27 Jul 2018 14:33

Instrument :
 BNA_F
 ClientSampleId :
 GS-PIT-1

Tot Ion:	264	Resp:	460216
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	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

