

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107583.D
 Acq On : 23 Jul 2018 13:04
 Operator : JU/SJ
 Sample : J4071-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GL-WC-S-04

Quant Time: Jul 30 07:23:05 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

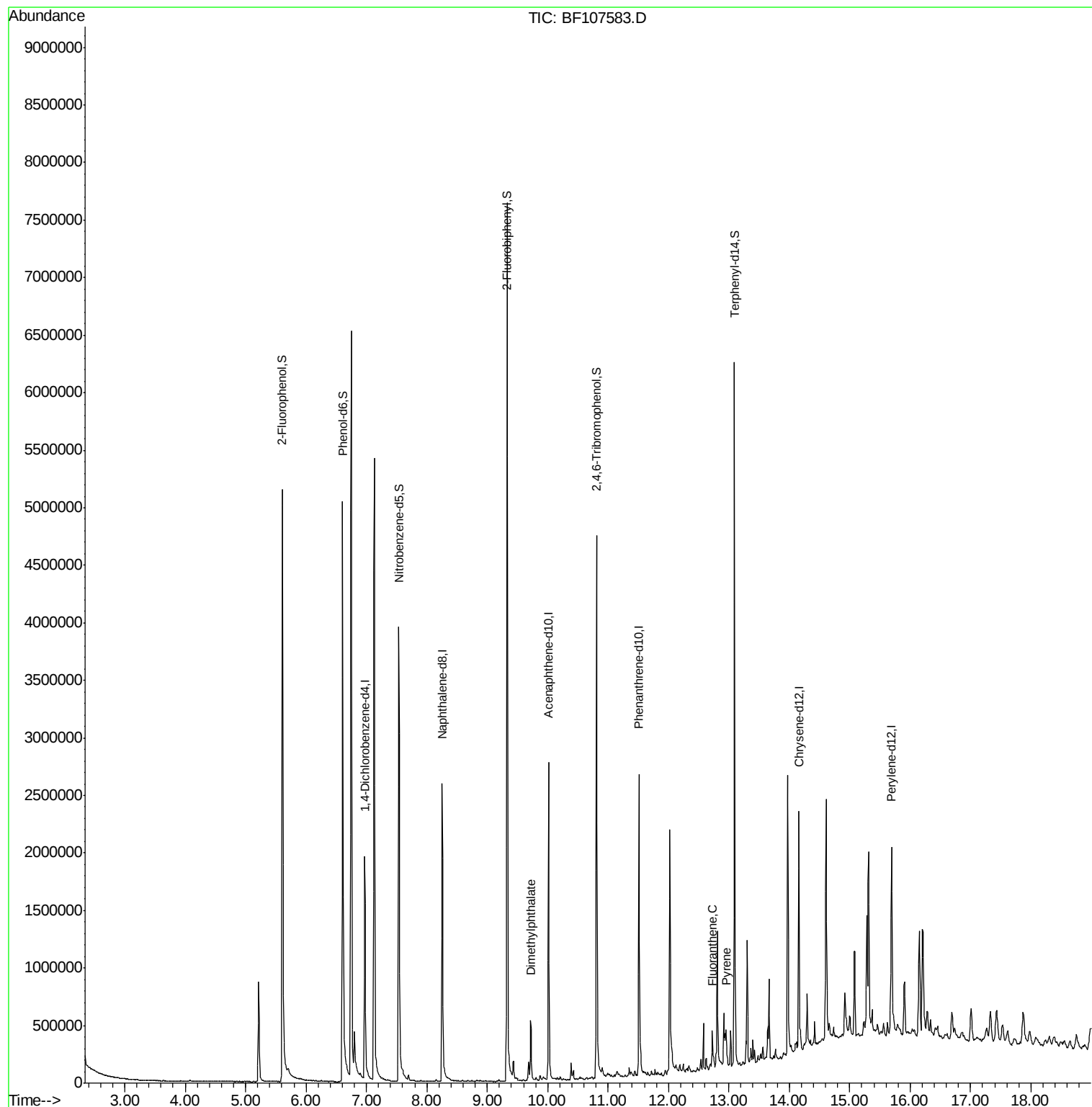
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	354976	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1375342	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	609972	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1124191	20.00	ng	0.00
75) Chrysene-d12	14.16	240	738887	20.00	ng	0.00
86) Perylene-d12	15.69	264	816675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1918384	86.89	ng	0.00
7) Phenol-d6	6.61	99	2394209	90.31	ng	0.00
23) Nitrobenzene-d5	7.54	82	1588565	77.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	720993	103.94	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2740798	74.32	ng	0.00
78) Terphenyl-d14	13.09	244	2194137	76.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	233029	5.069	ng	100
74) Fluoranthene	12.72	202	144304	2.455	ng	98
77) Pyrene	12.96	202	125697	2.487	ng	98

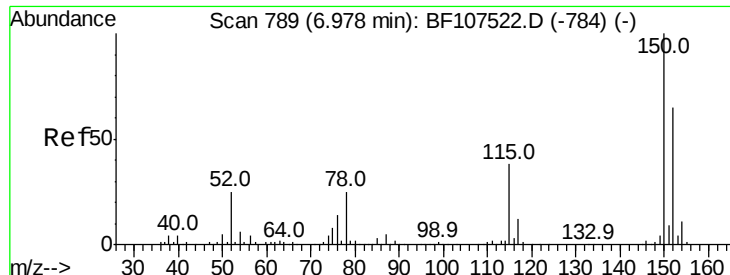
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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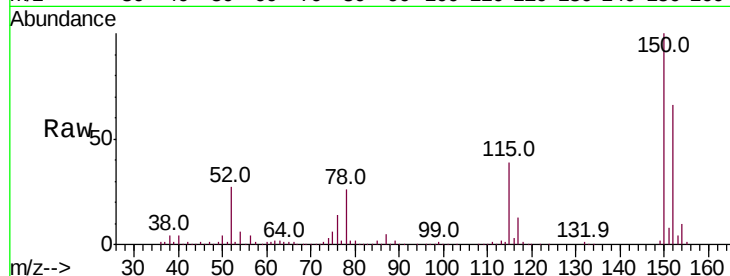


#1

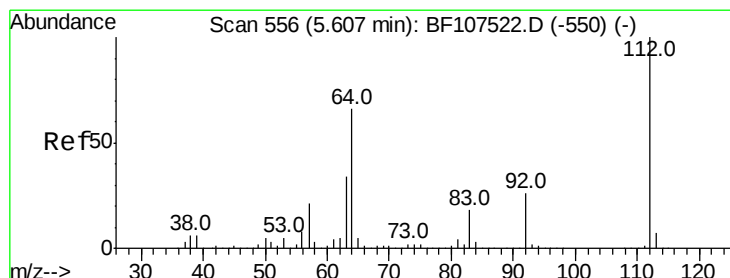
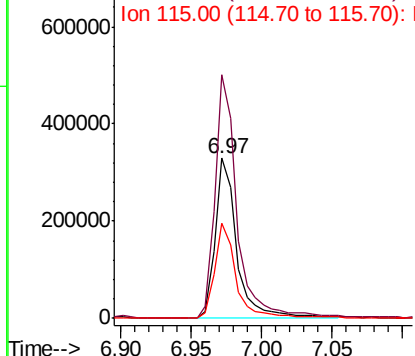
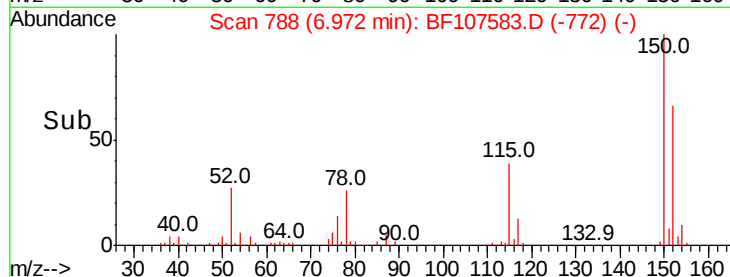
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107583.D
 Acq: 23 Jul 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :
 GL-WC-S-04

Tot Ion:152 Resp: 354976
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 59.2 50.1 75.1



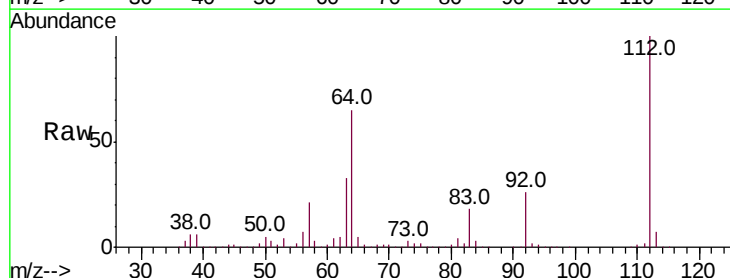
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



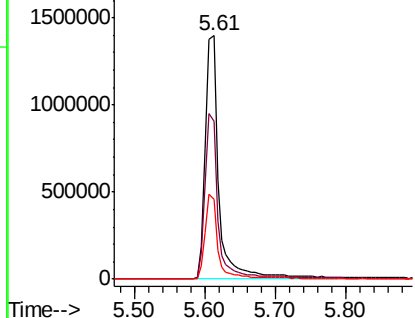
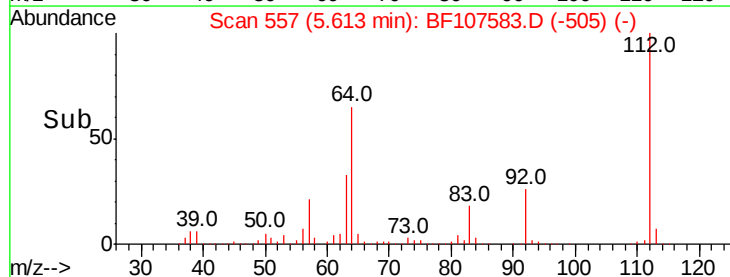
#5

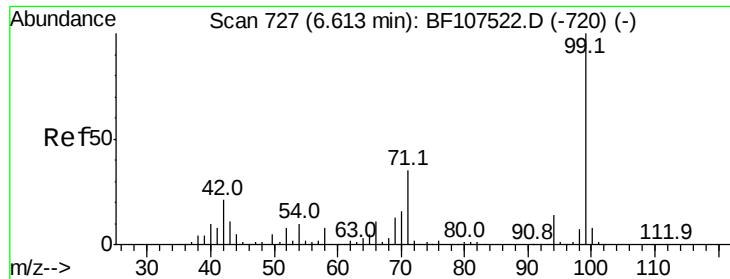
2-Fluorophenol
 Concen: 86.890 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107583.D
 Acq: 23 Jul 2018 13:04

Tgt Ion:112 Resp: 1918384
 Ion Ratio Lower Upper
 112 100
 64 64.6 47.9 71.9
 63 32.8 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: 90.313 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107583.D

Acq: 23 Jul 2018 13:04

Instrument :

BNA_F

ClientSampleId :

GL-WC-S-04

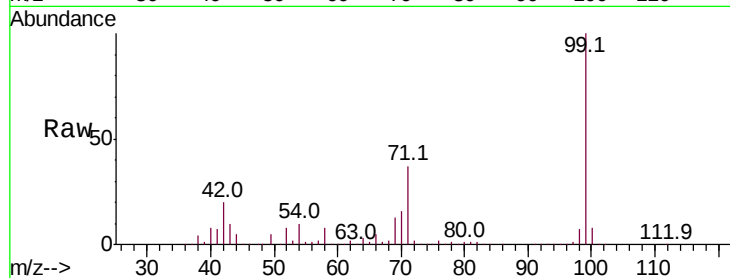
Tot Ion: 99 Resp: 2394209

Ion Ratio Lower Upper

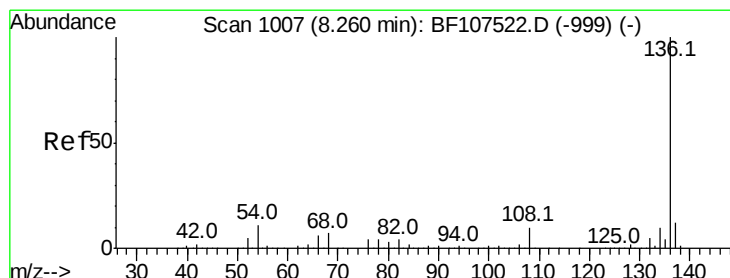
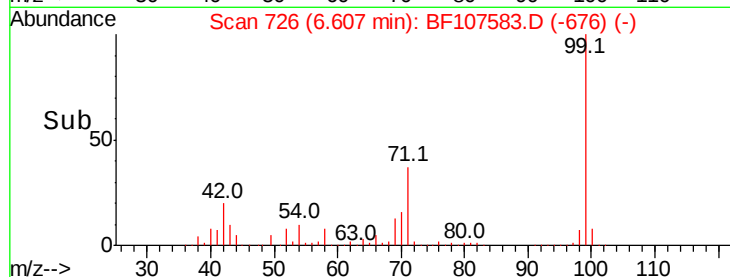
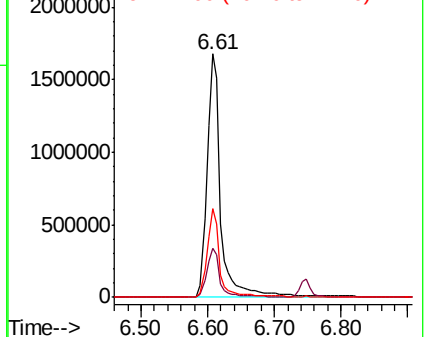
99 100

42 20.4 14.5 21.7

71 36.5 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107583.D

Acq: 23 Jul 2018 13:04

Tgt Ion: 136 Resp: 1375342

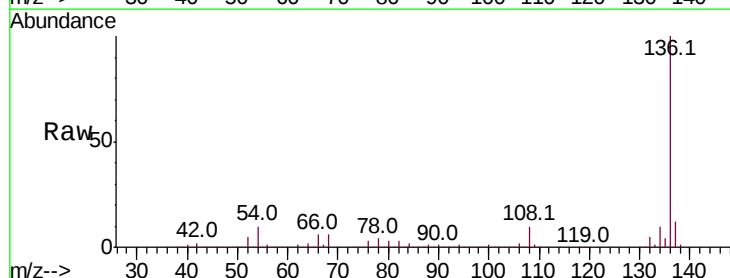
Ion Ratio Lower Upper

136 100

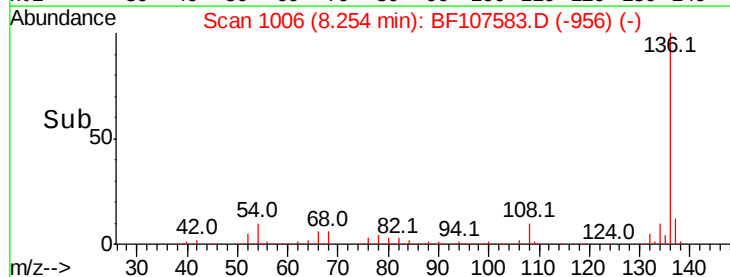
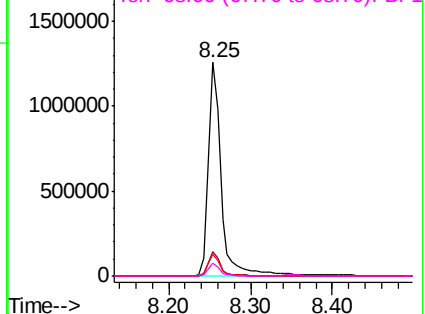
137 11.5 8.9 13.3

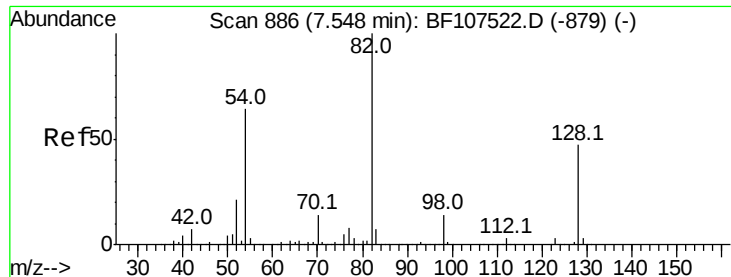
54 10.3 6.6 9.8#

68 6.1 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

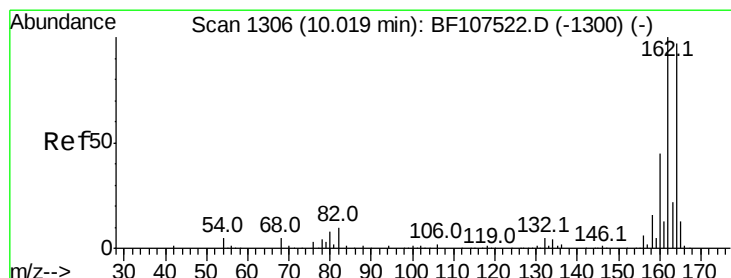
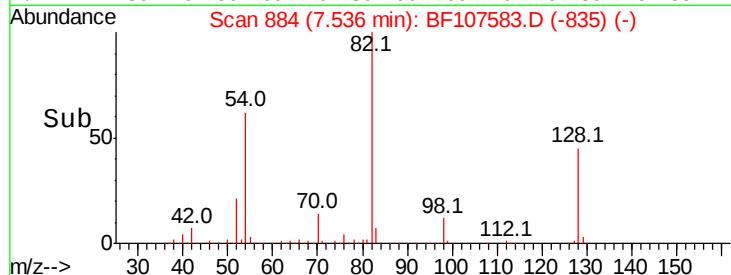
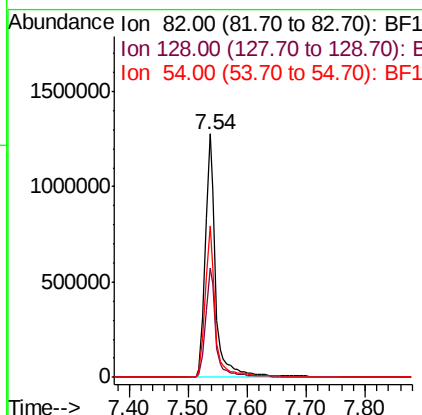
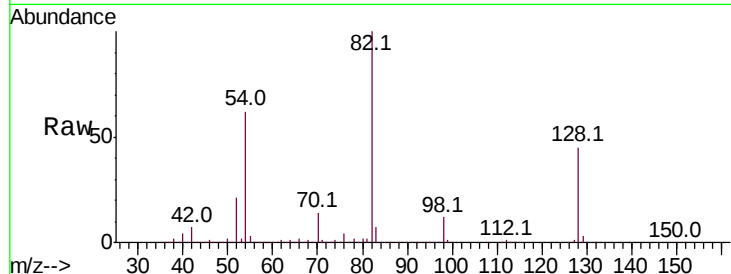




#23
 Nitrobenzene-d5
 Concen: 77.950 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107583.D
 Acq: 23 Jul 2018 13:04

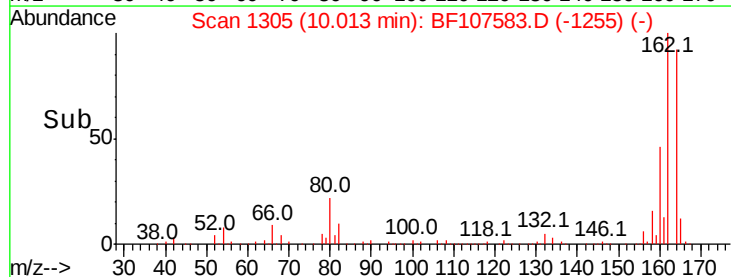
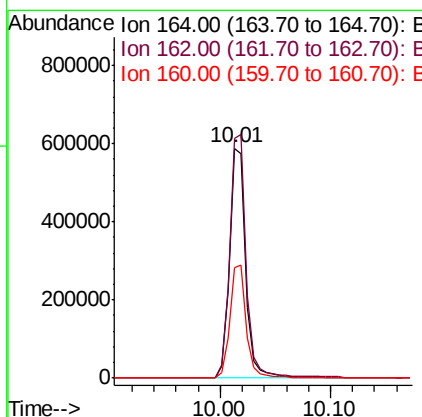
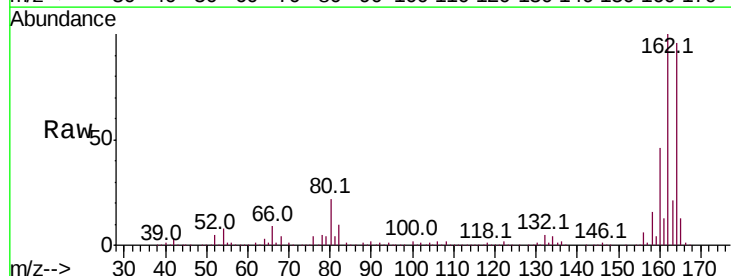
Instrument :
 BNA_F
 ClientSampleId :
 GL-WC-S-04

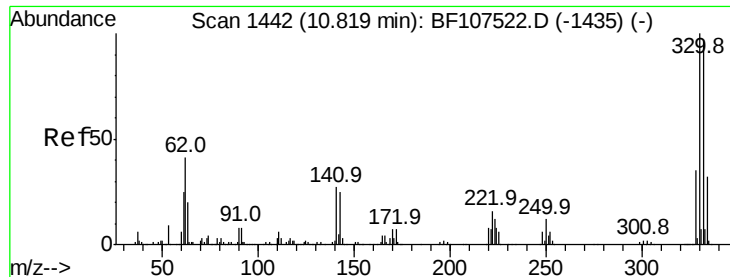
Tot Ion: 82 Resp: 1588565
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 62.3 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107583.D
 Acq: 23 Jul 2018 13:04

Tgt Ion:164 Resp: 609972
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.8 38.3 57.5

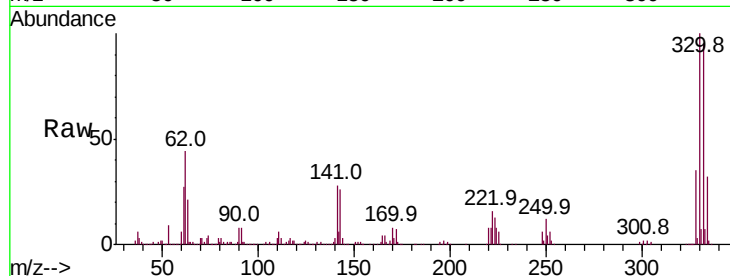




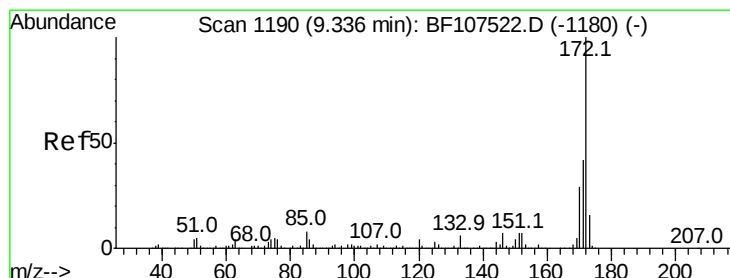
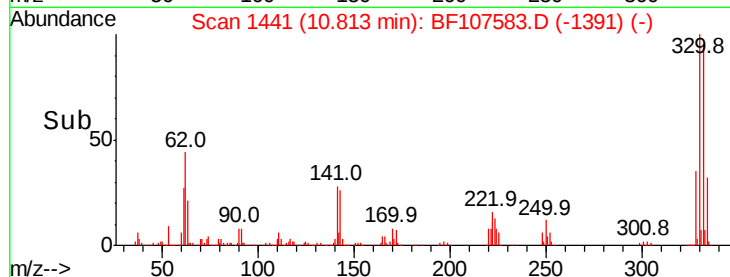
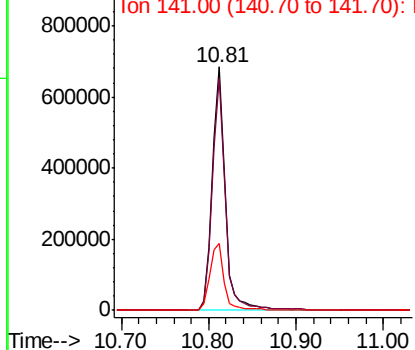
#41
 2,4,6-Tribromophenol
 Concen: 103.944 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107583.D
 Acq: 23 Jul 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :
 GL-WC-S-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.6	29.9	44.9#

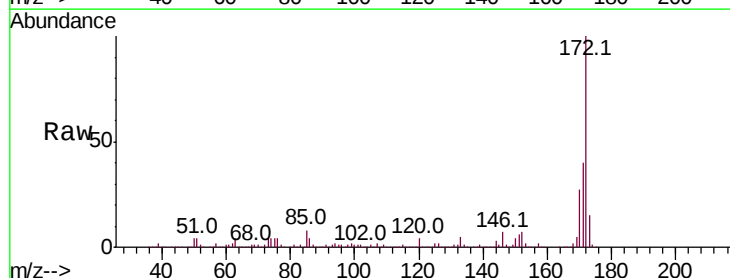


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

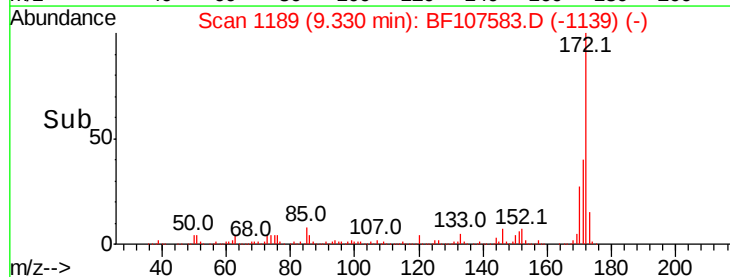
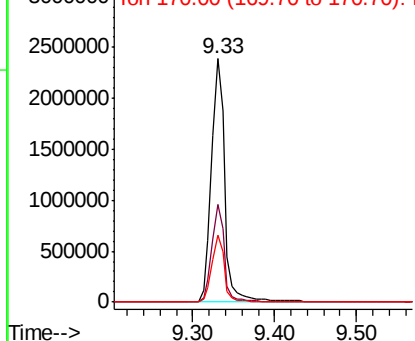


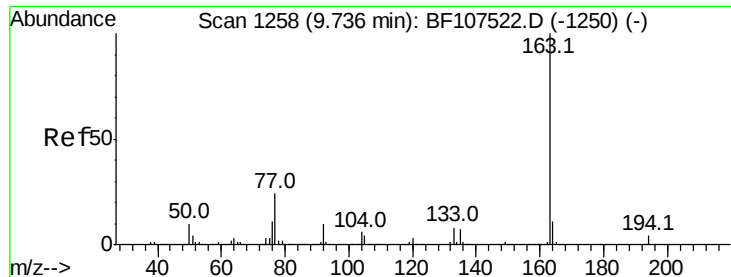
#44
 2-Fluorobiphenyl
 Concen: 74.317 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107583.D
 Acq: 23 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	27.3	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

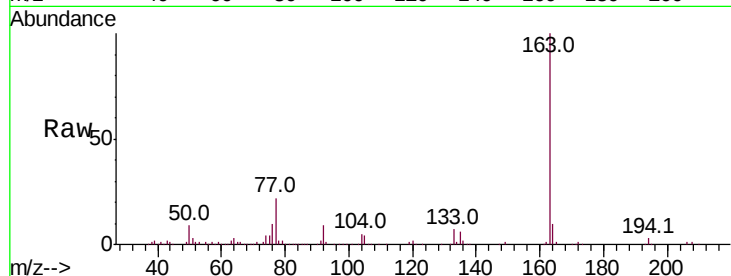




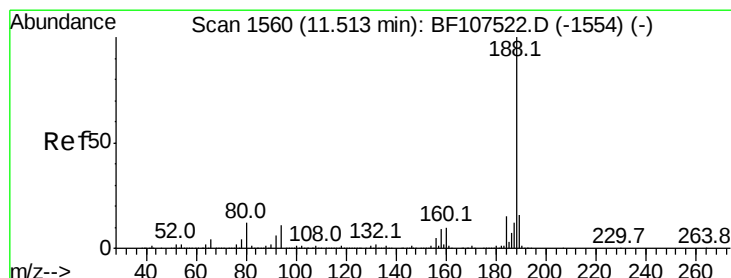
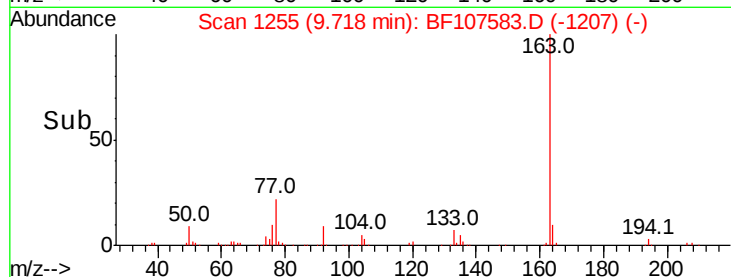
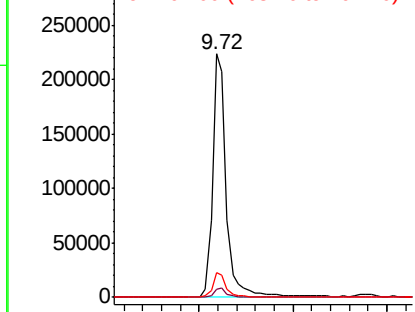
#49
Dimethylphthalate
Concen: 5.069 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107583.D
Acq: 23 Jul 2018 13:04

Instrument :
BNA_F
ClientSampleId :
GL-WC-S-04

Tot Ion:163 Resp: 233029
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

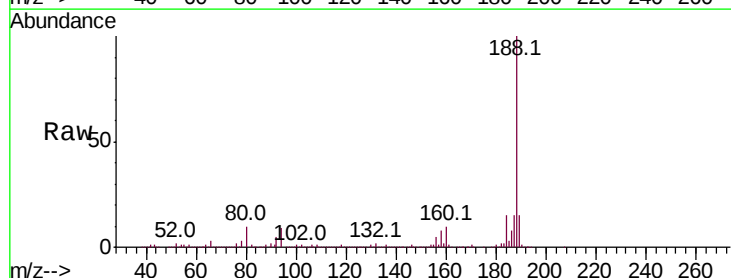


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

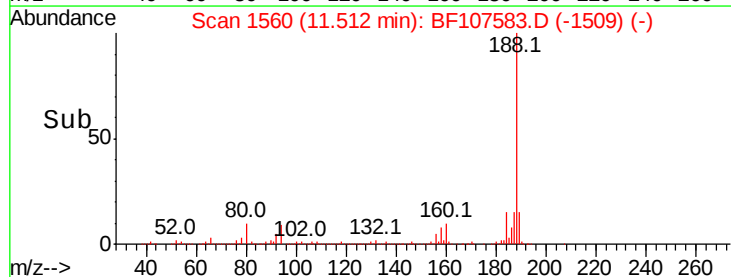
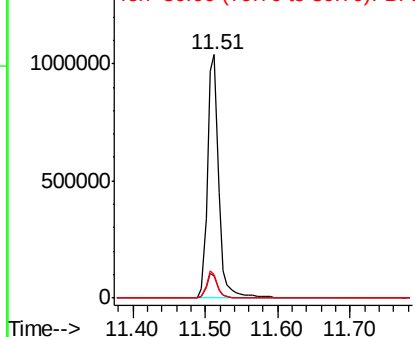


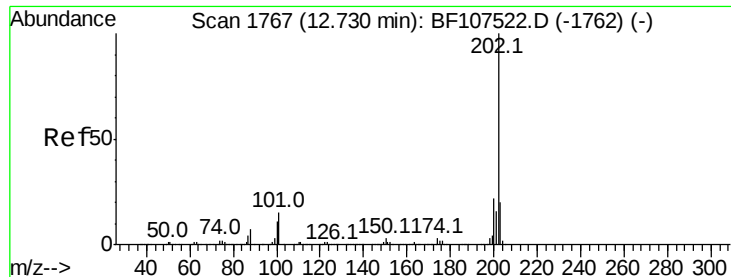
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107583.D
Acq: 23 Jul 2018 13:04

Tgt Ion:188 Resp: 1124191
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.8 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: 2.455 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107583.D

Acq: 23 Jul 2018 13:04

Instrument :

BNA_F

ClientSampleId :

GL-WC-S-04

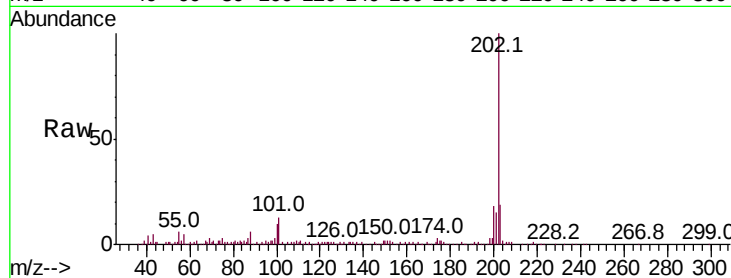
Tot Ion:202 Resp: 144304

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

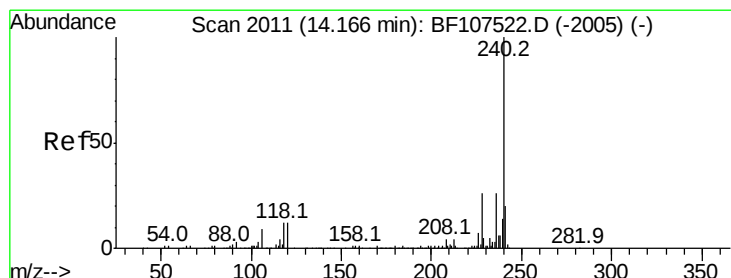
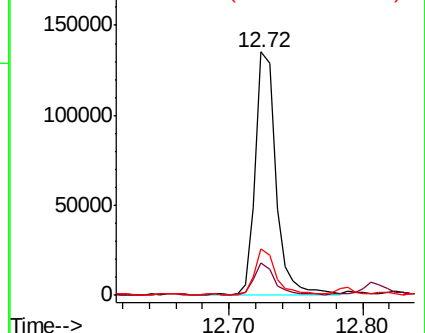
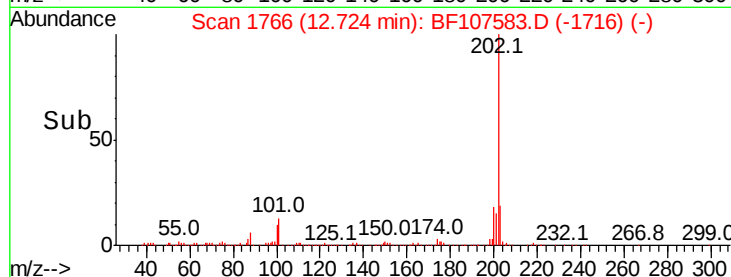
203 18.9 0.0 38.1



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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107583.D

Acq: 23 Jul 2018 13:04

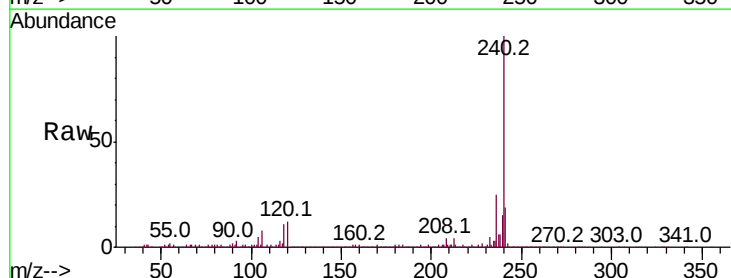
Tgt Ion:240 Resp: 738887

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

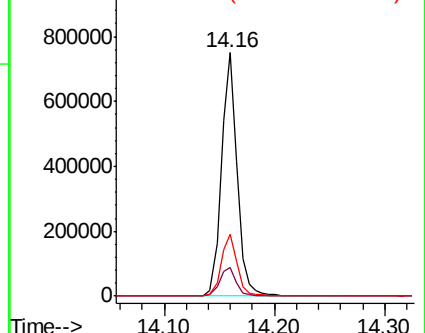
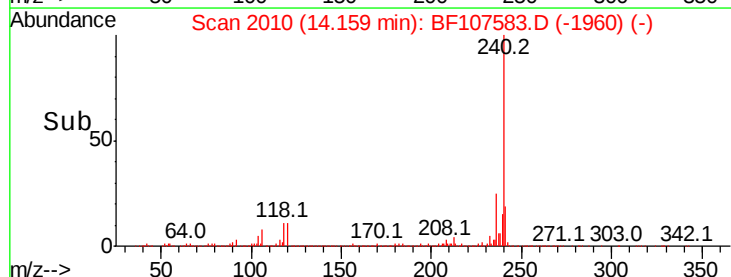
236 25.4 20.7 31.1

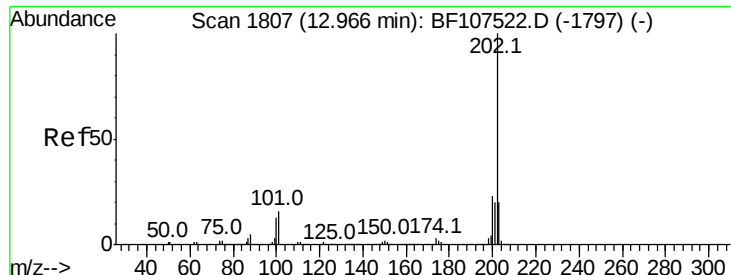


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

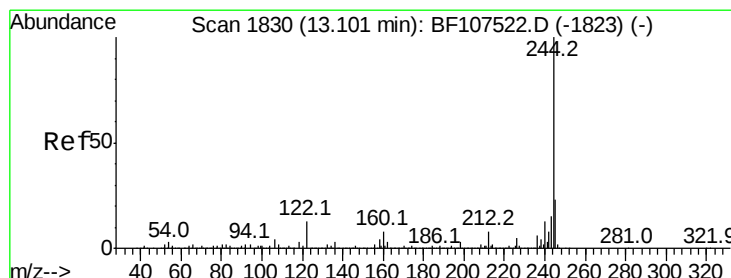
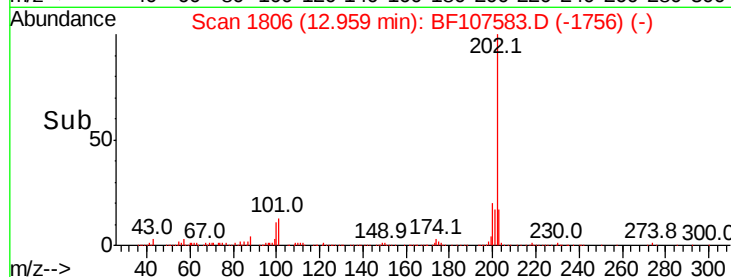
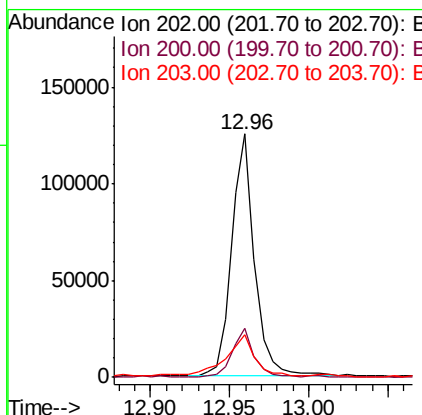
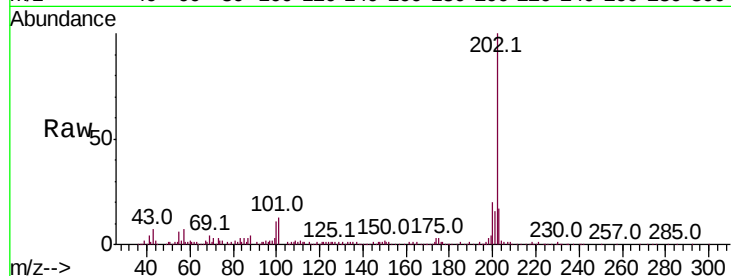




#77
Pvrene
Concen: 2.487 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107583.D
Acq: 23 Jul 2018 13:04

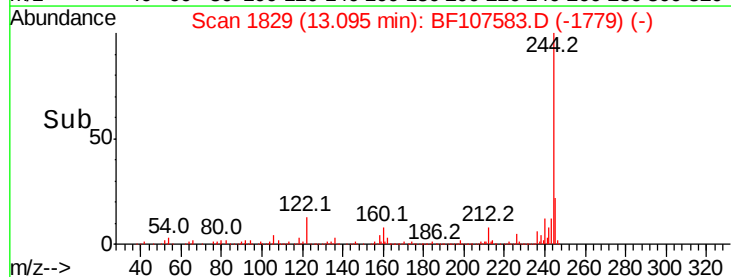
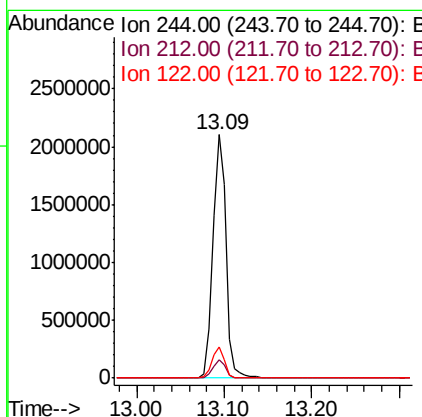
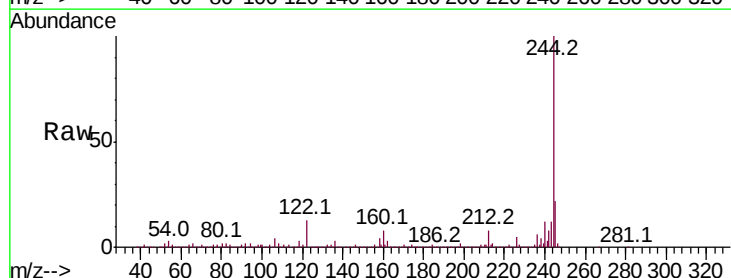
Instrument :
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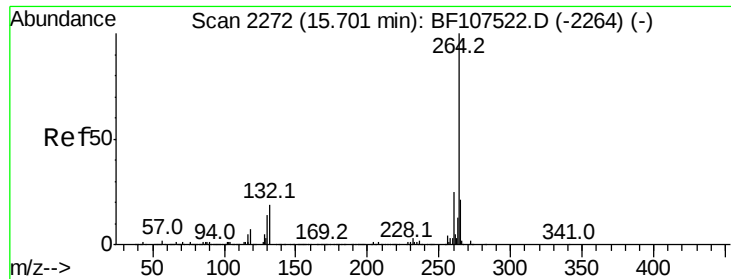
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 76.022 ng
RT: 13.09 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107583.D
Acq: 23 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	12.8	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107583.D
Acq: 23 Jul 2018 13:04

Instrument :
BNA_F
ClientSampleId :
GL-WC-S-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

