

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107924.D
 Acq On : 2 Aug 2018 22:01
 Operator : JU/SJ
 Sample : J4285-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-6

Quant Time: Aug 03 04:33:09 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

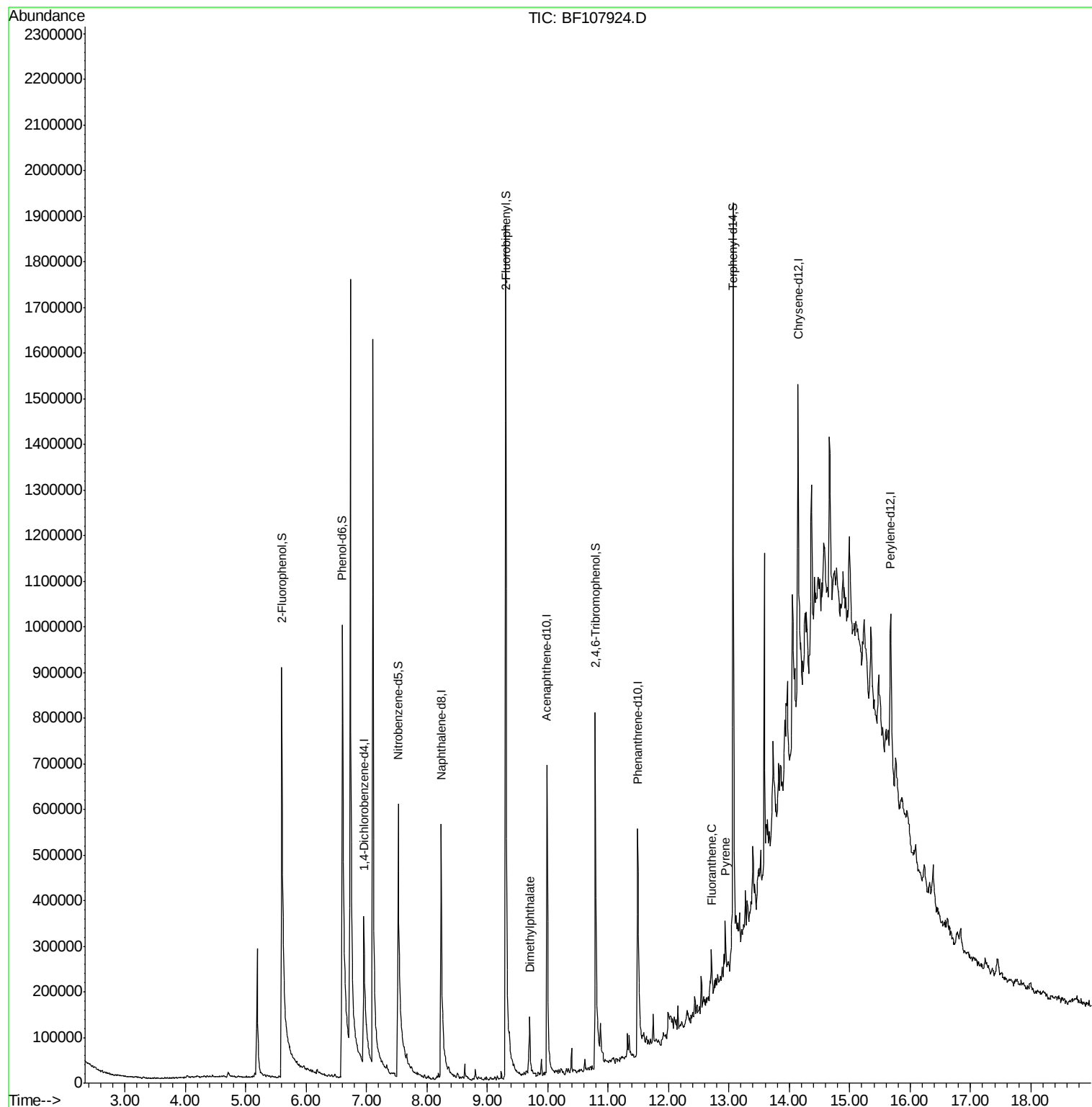
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	128357	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	494001	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	186201	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	346561	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	343764	20.00	ng	-0.01
86) Perylene-d12	15.68	264	288010	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	699458	92.61	ng	0.00
7) Phenol-d6	6.60	99	939037	94.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	559979	65.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	181343	71.67	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	936679	70.10	ng	-0.01
78) Terphenyl-d14	13.07	244	805275	50.80	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	80569	5.762	ng	99
74) Fluoranthene	12.71	202	64503	3.337	ng	97
77) Pyrene	12.94	202	64969	2.625	ng	98

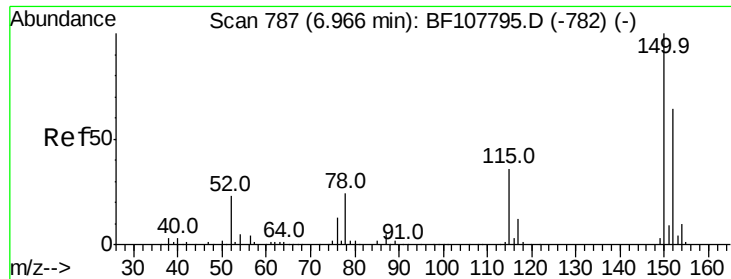
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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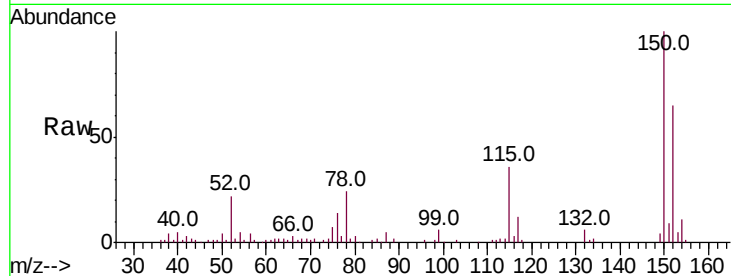


#1

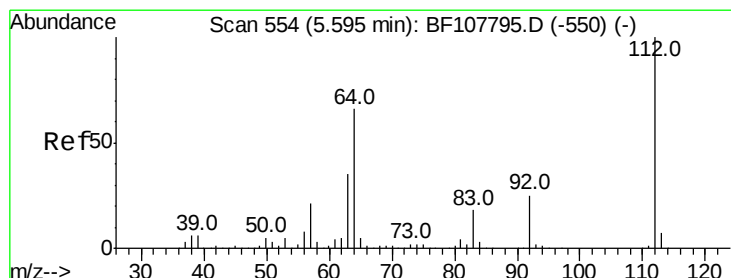
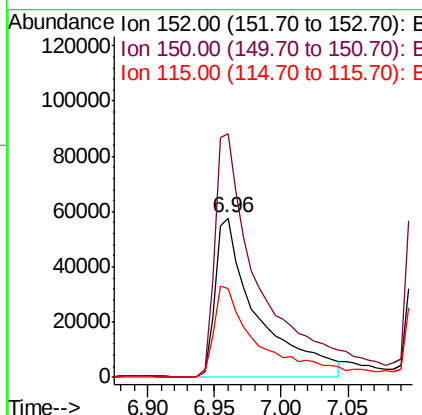
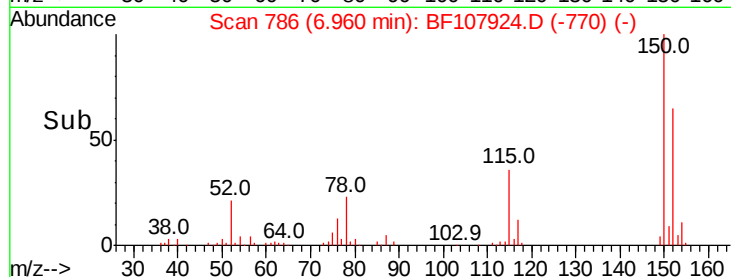
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107924.D
 Acq: 2 Aug 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	55.7	50.1	75.1



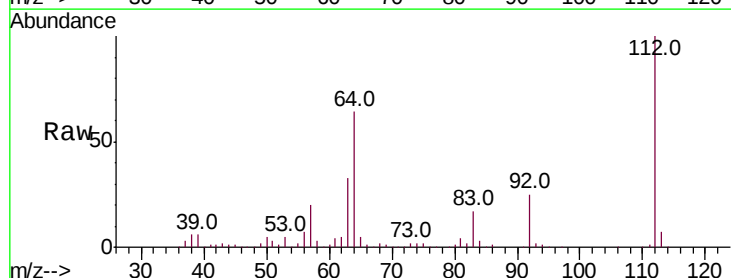
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



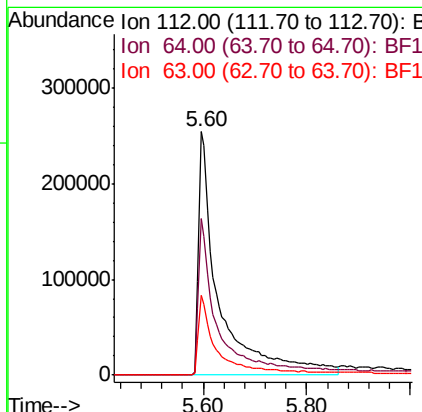
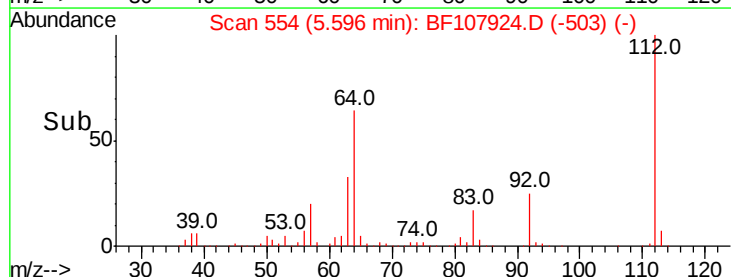
#5

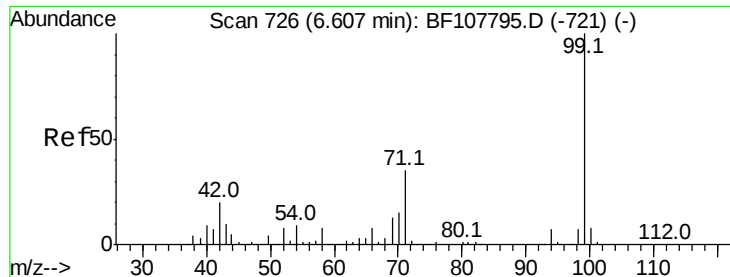
2-Fluorophenol
 Concen: 92.614 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107924.D
 Acq: 2 Aug 2018 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	32.6	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: 94.341 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107924.D

Acq: 2 Aug 2018 22:01

Instrument :

BNA_F

ClientSampleId :

KG-PIT-6

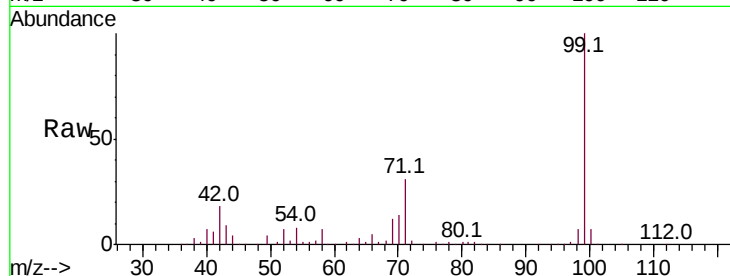
Tot Ion: 99 Resp: 939037

Ion Ratio Lower Upper

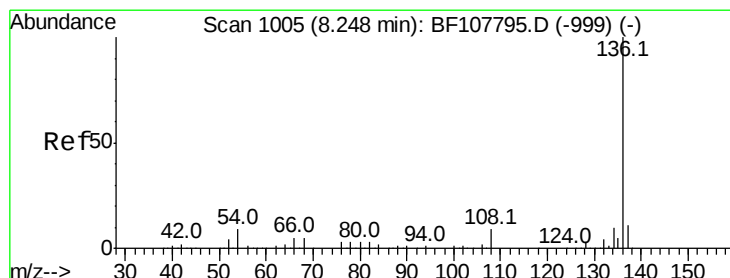
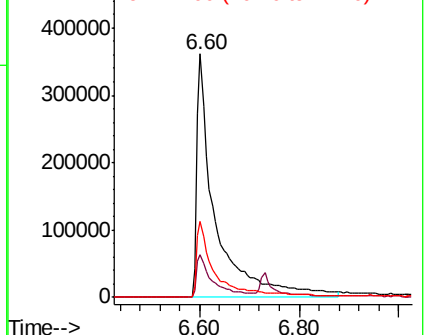
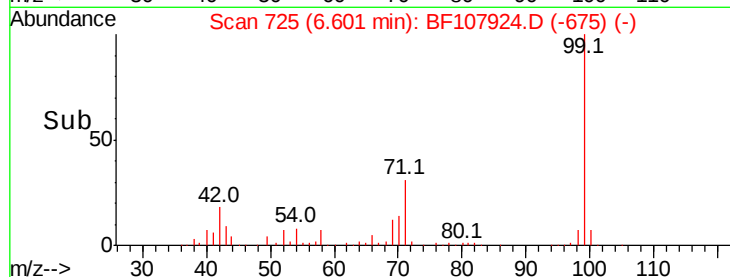
99 100

42 17.7 14.5 21.7

71 31.2 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# 1003

Delta R.T. -0.01 min

Lab File: BF107924.D

Acq: 2 Aug 2018 22:01

Tgt Ion: 136 Resp: 494001

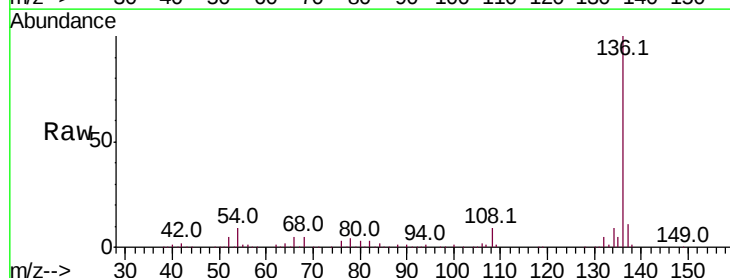
Ion Ratio Lower Upper

136 100

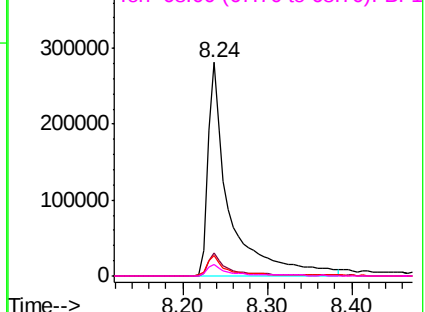
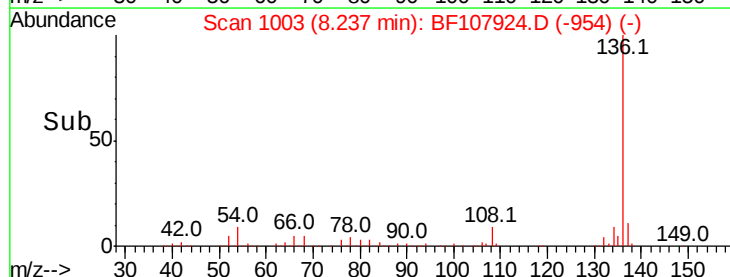
137 10.8 8.9 13.3

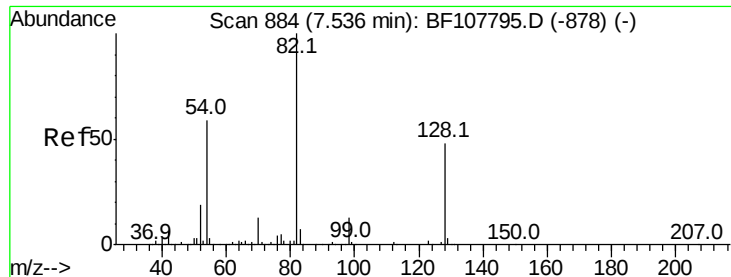
54 9.3 6.6 9.8

68 5.5 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: 65.305 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107924.D

Acq: 2 Aug 2018 22:01

Instrument :

BNA_F

ClientSampled :

KG-PIT-6

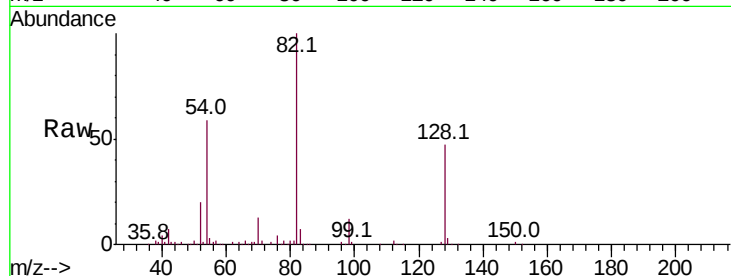
Tot Ion: 82 Resp: 559979

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

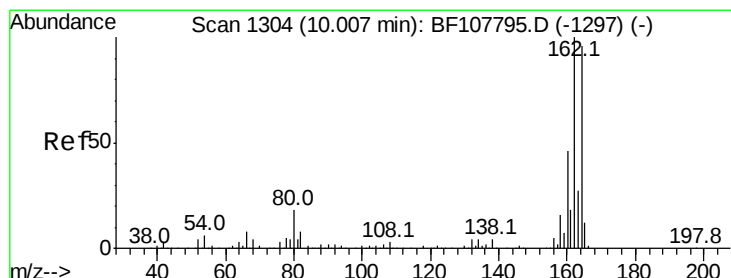
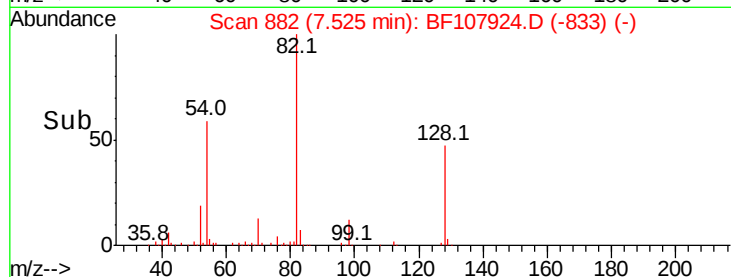
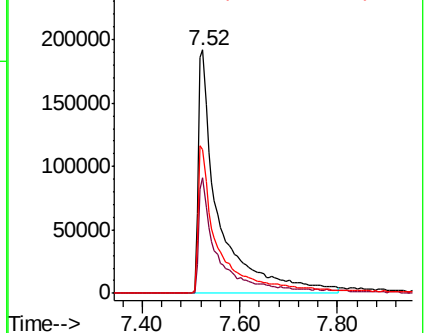
54 59.2 41.4 62.2



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107924.D

Acq: 2 Aug 2018 22:01

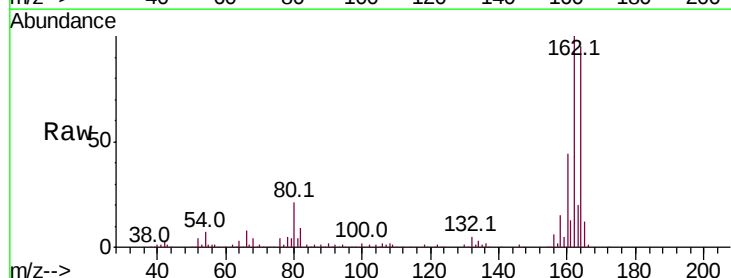
Tgt Ion:164 Resp: 186201

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

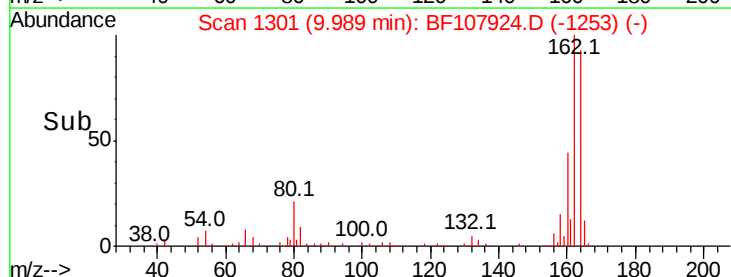
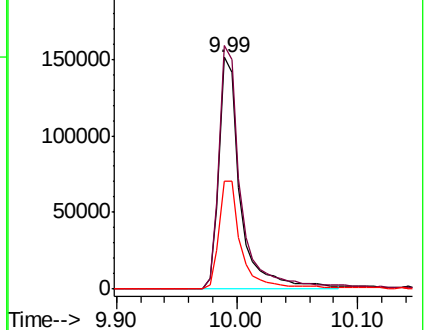
160 46.6 38.3 57.5

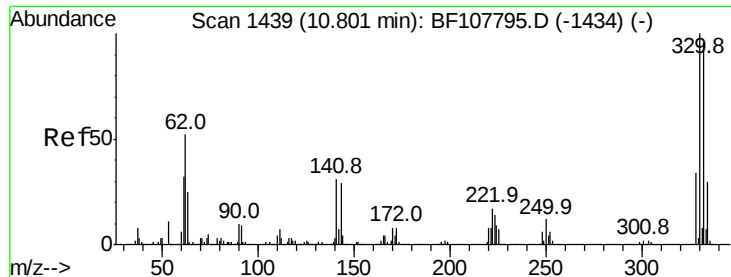


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

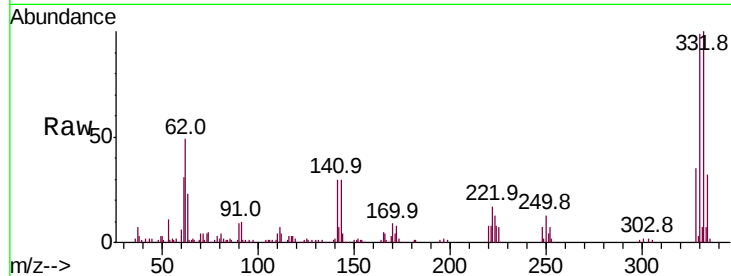




#41
 2,4,6-Tribromophenol
 Concen: 71.674 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107924.D
 Acq: 2 Aug 2018 22:01

Instrument :
 BNA_F
 ClientSampled :
 KG-PIT-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	28.8	29.9	44.9#

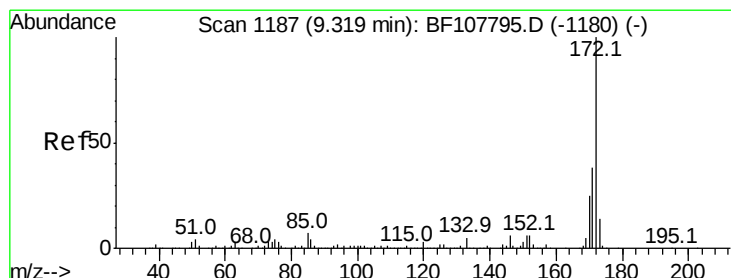
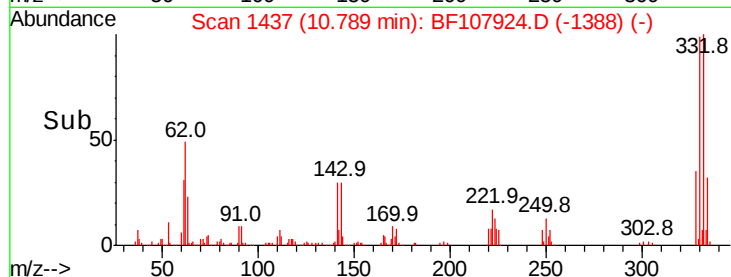
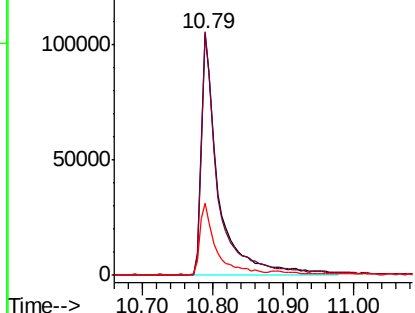


Abundance

Ion 329.80 (329.50 to 330.50): E

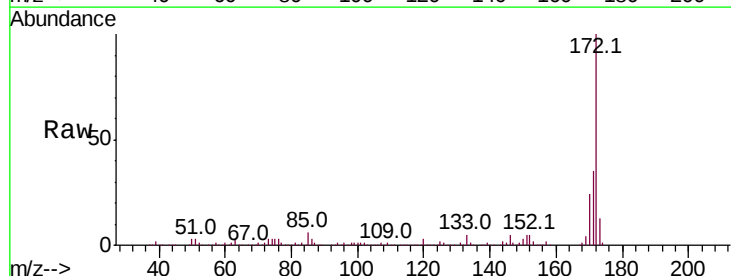
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.099 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107924.D
 Acq: 2 Aug 2018 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.9	19.6	29.4

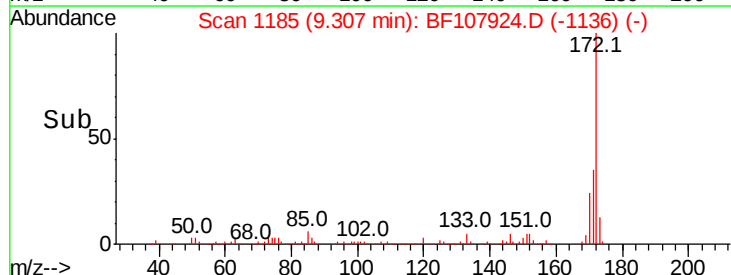
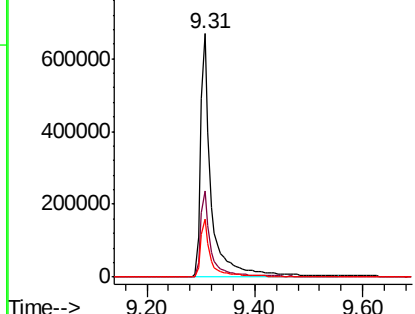


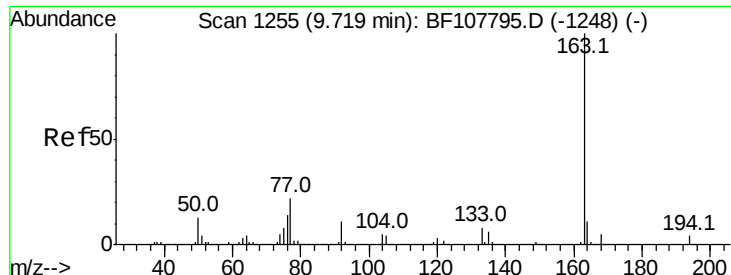
Abundance

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

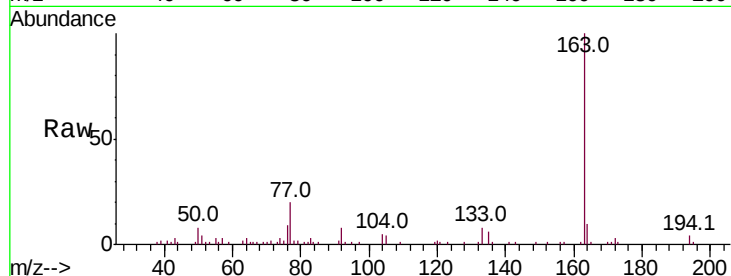




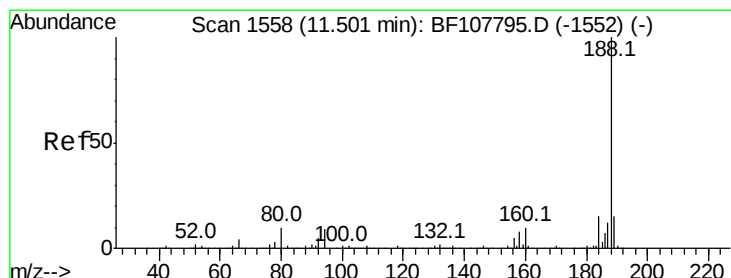
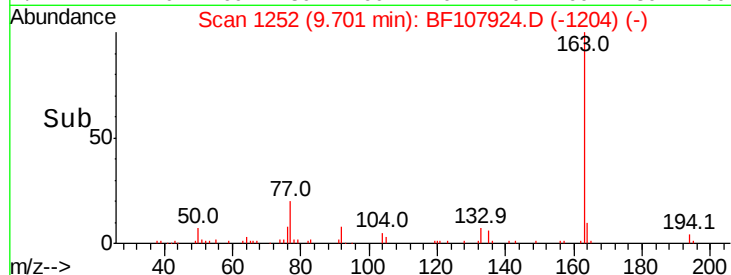
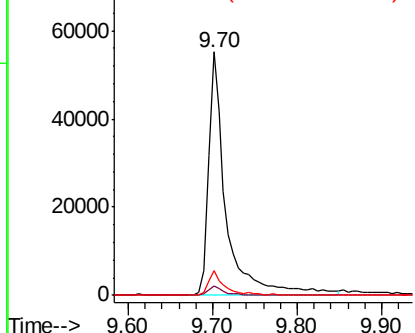
#49
Dimethylphthalate
Concen: 5.762 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107924.D
Acq: 2 Aug 2018 22:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-6

Tot Ion:163 Resp: 80569
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

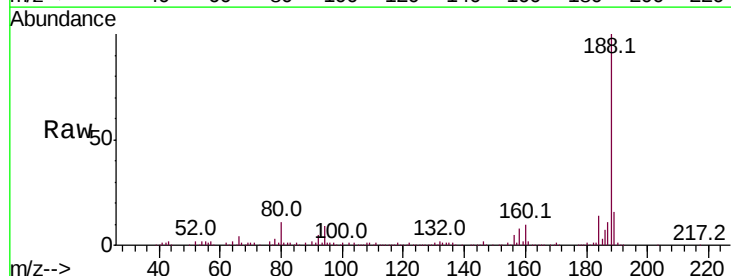


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

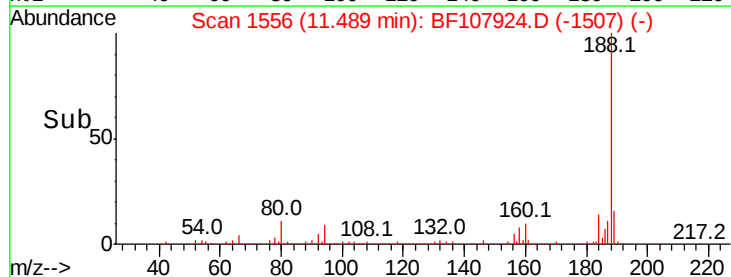
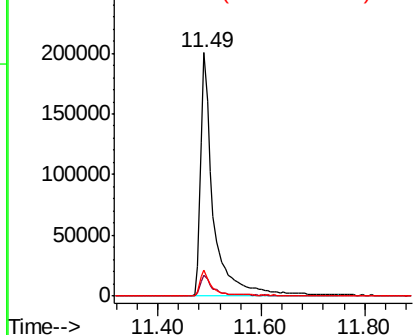


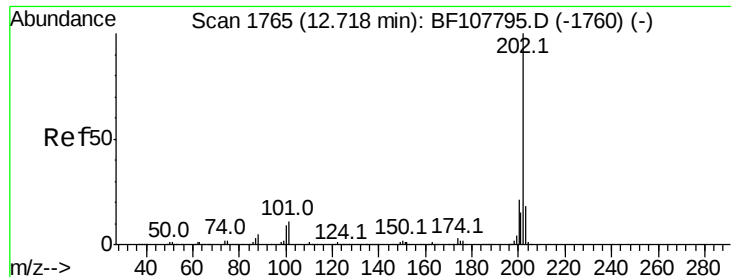
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107924.D
Acq: 2 Aug 2018 22:01

Tgt Ion:188 Resp: 346561
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 10.8 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: 3.337 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107924.D

Acq: 2 Aug 2018 22:01

Instrument :

BNA_F

ClientSampleId :

KG-PIT-6

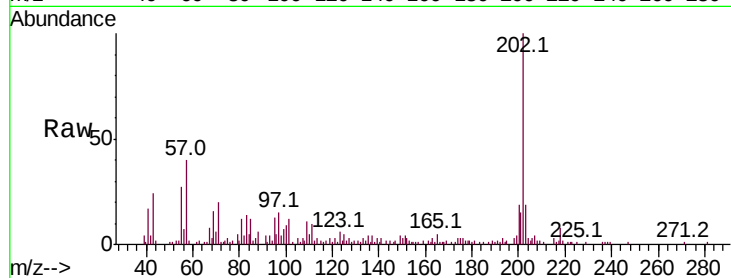
Tot Ion:202 Resp: 64503

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

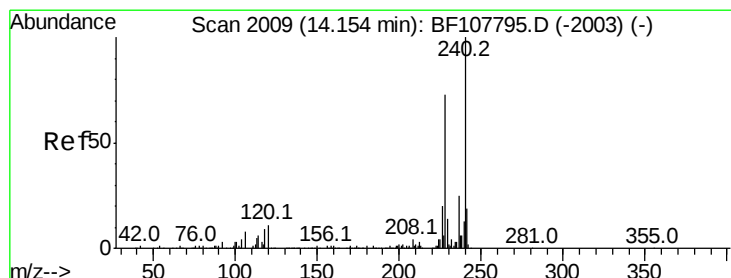
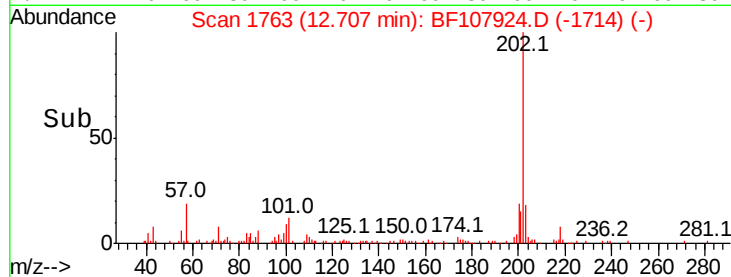
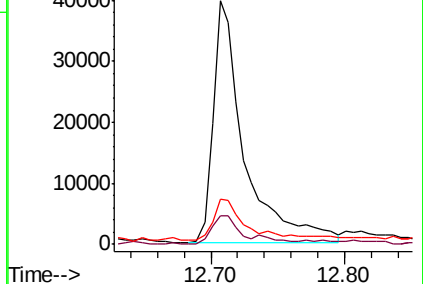
203 18.6 0.0 38.1



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. -0.01 min

Lab File: BF107924.D

Acq: 2 Aug 2018 22:01

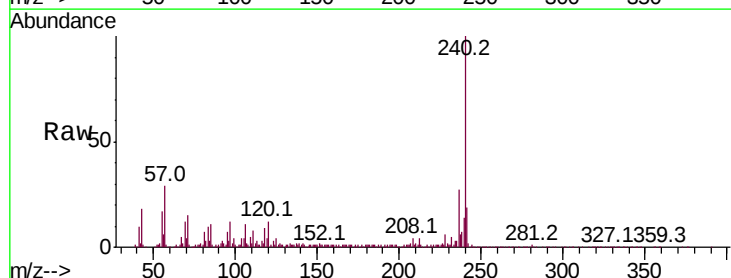
Tgt Ion:240 Resp: 343764

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

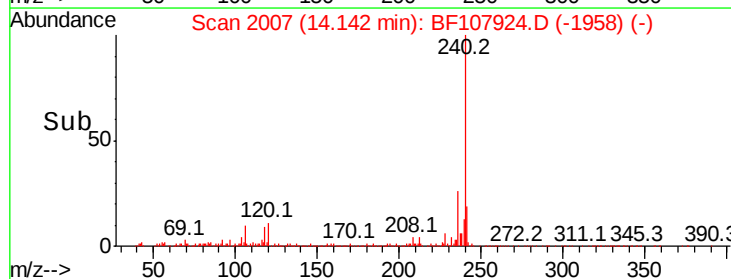
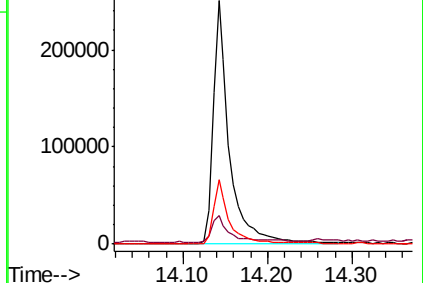
236 26.5 20.7 31.1

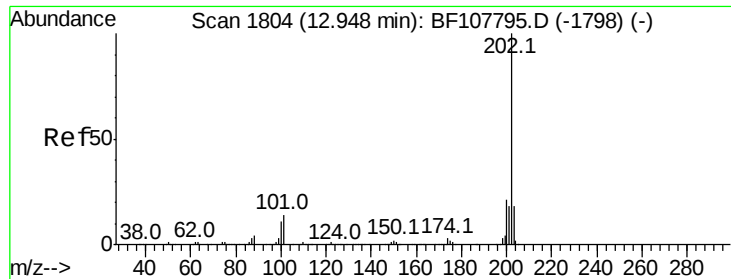


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

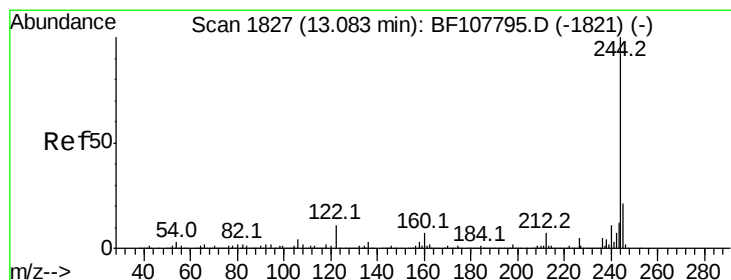
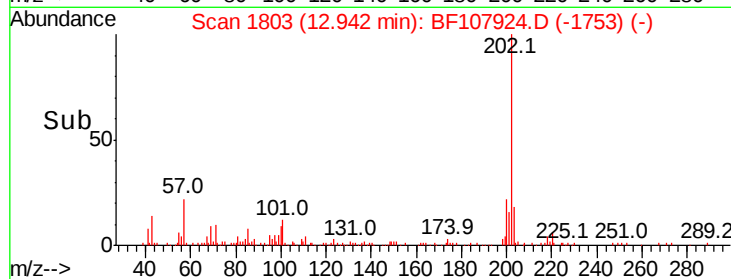
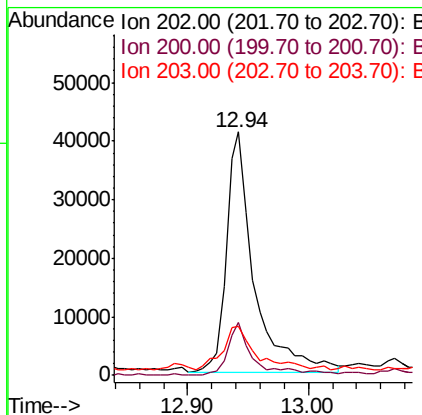
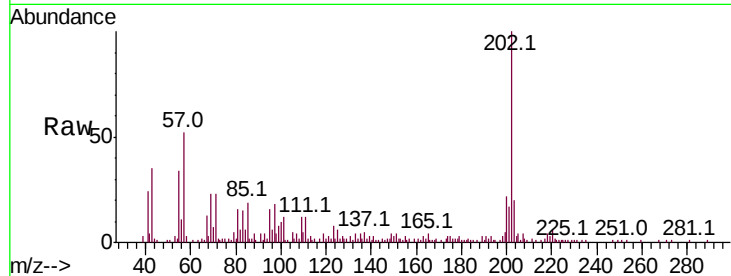




#77
Pvrene
Concen: 2.625 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107924.D
Acq: 2 Aug 2018 22:01

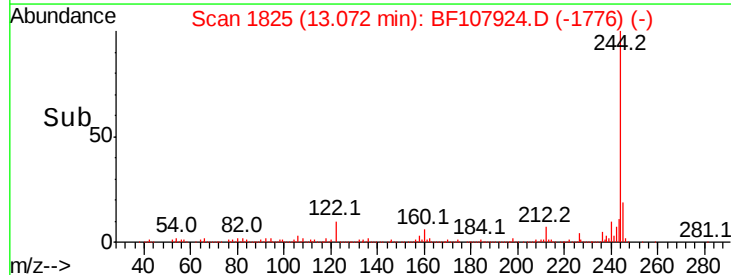
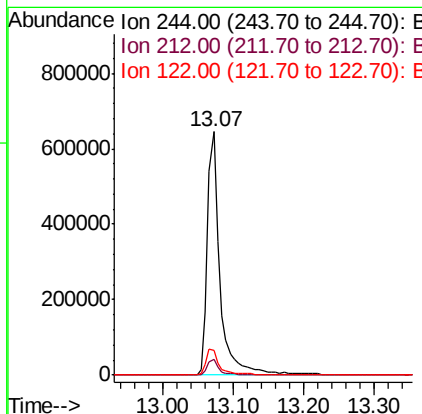
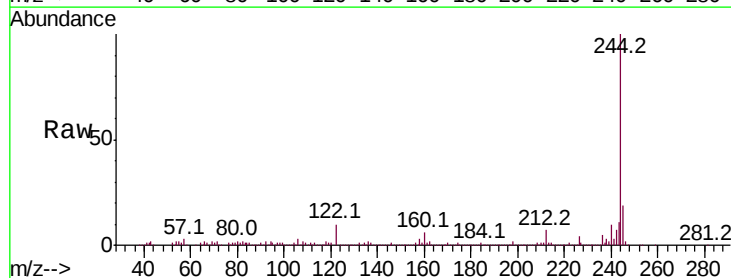
Instrument :
BNA_F
ClientSampleId :
KG-PIT-6

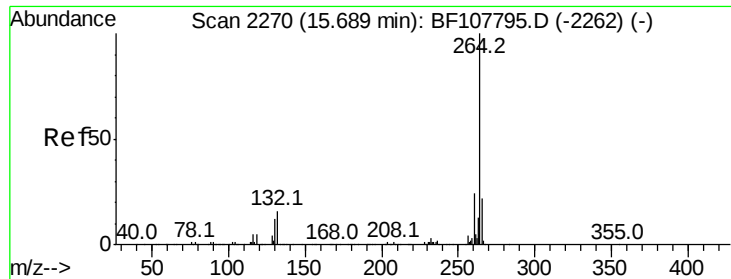
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	20.0	14.3	21.5



#78
Terphenyl-d14
Concen: 50.796 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107924.D
Acq: 2 Aug 2018 22:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	11.0	16.4

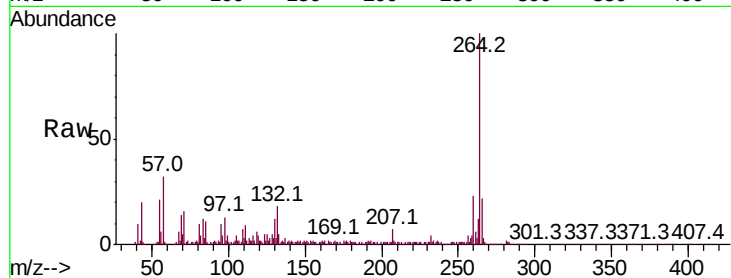




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107924.D
 Acq: 2 Aug 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-6

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.3	19.2	28.8	
265	21.6	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

