

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107921.D
 Acq On : 2 Aug 2018 20:39
 Operator : JU/SJ
 Sample : J4285-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2

Quant Time: Aug 03 04:07:52 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

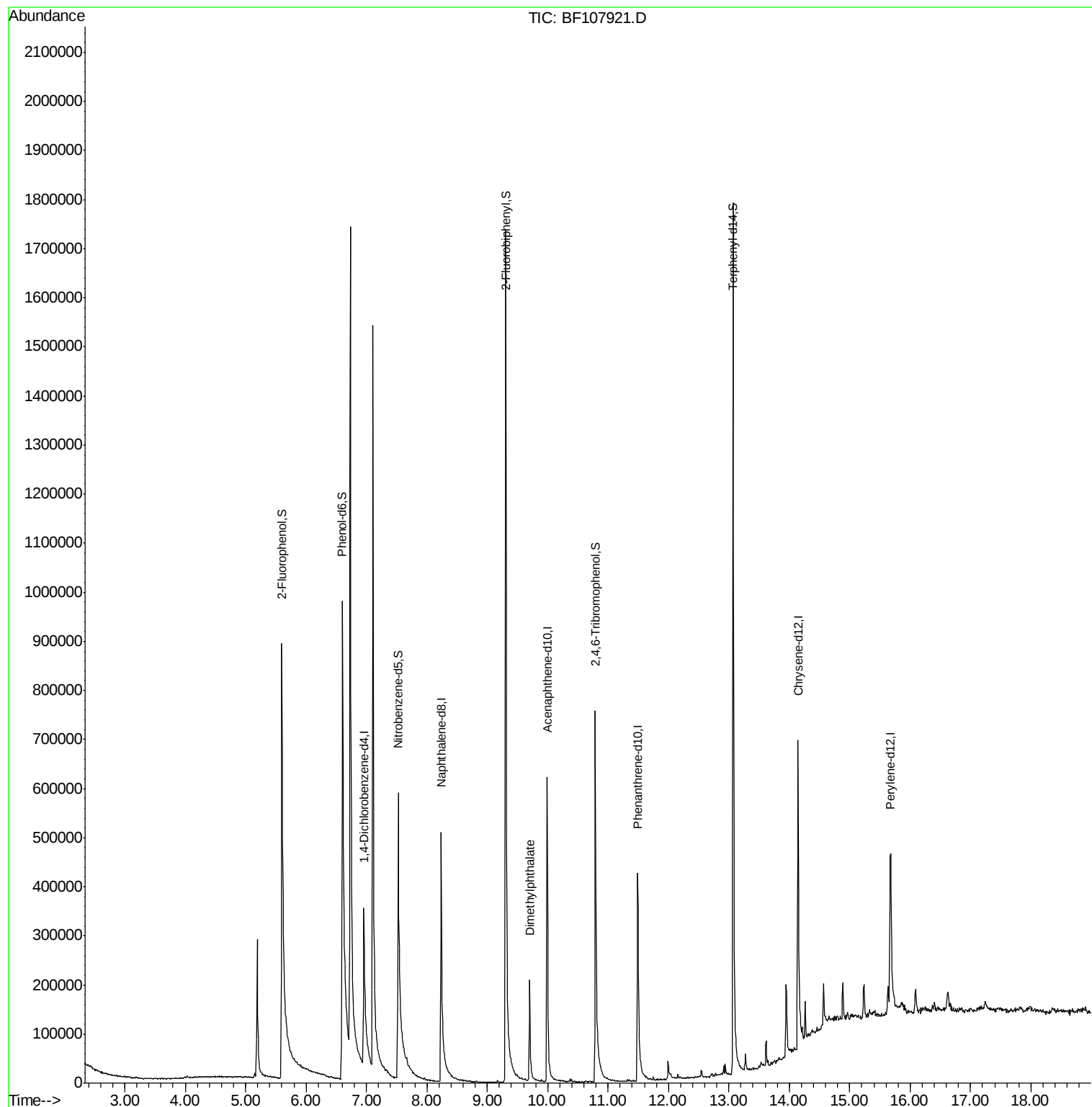
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119550	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	490760	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	172277	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	310636	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	354162	20.00	ng	-0.01
86) Perylene-d12	15.68	264	272983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	644116	91.57	ng	0.00
7) Phenol-d6	6.60	99	899591	97.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	515018	60.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	175967	75.17	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	874897	70.77	ng	-0.01
78) Terphenyl-d14	13.07	244	808037	49.47	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	128432	9.927	ng	Qvalue 100

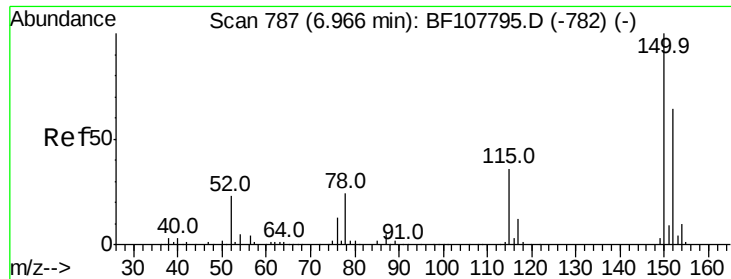
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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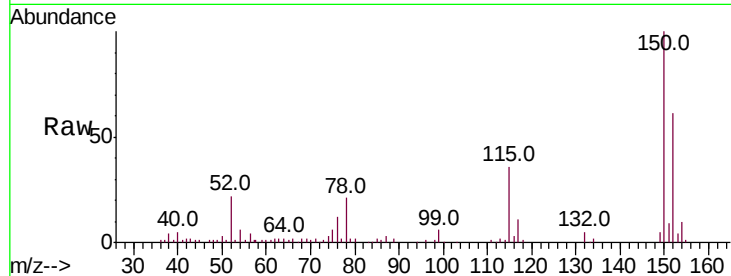


#1

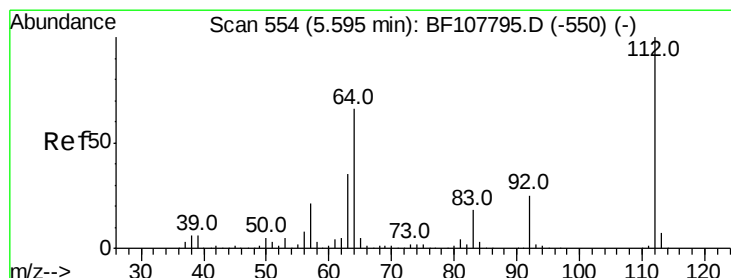
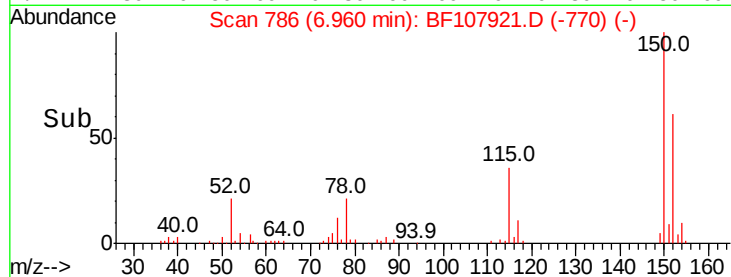
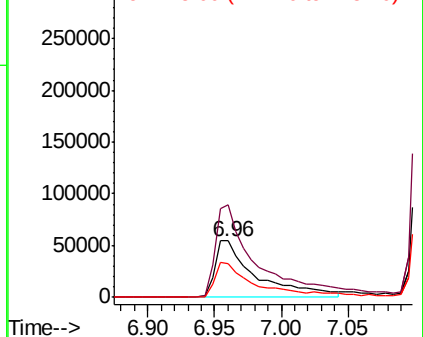
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

Tot Ion:152 Resp: 119550
Ion Ratio Lower Upper
152 100
150 163.7 124.6 186.8
115 59.1 50.1 75.1



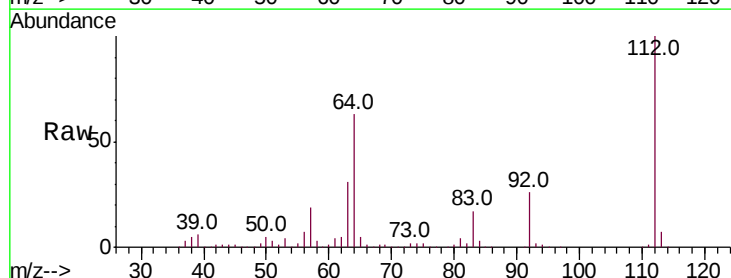
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



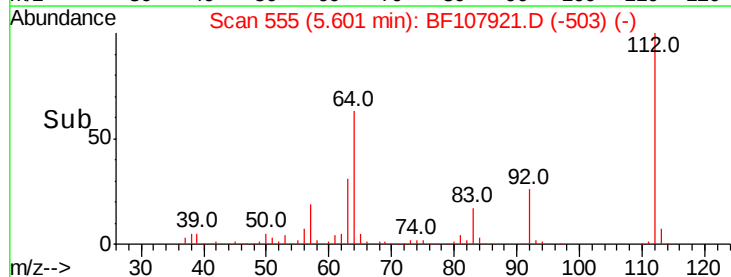
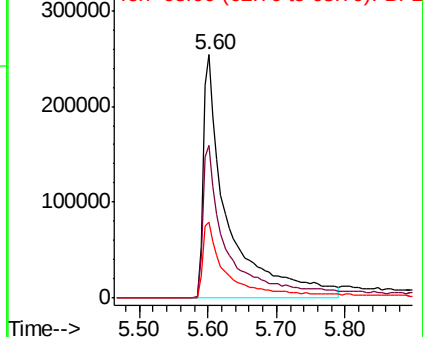
#5

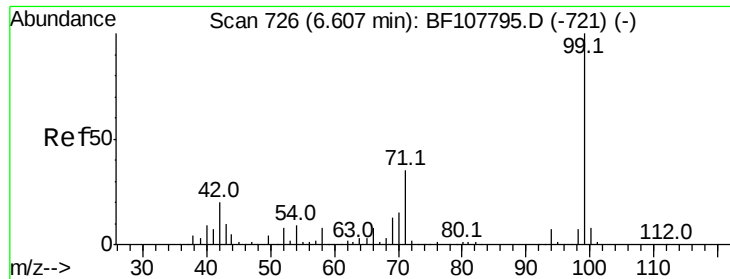
2-Fluorophenol
Concen: 91.569 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion:112 Resp: 644116
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 31.4 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: 97.036 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

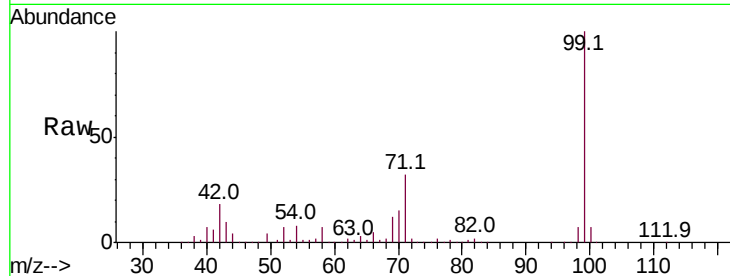
Tot Ion: 99 Resp: 899591

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

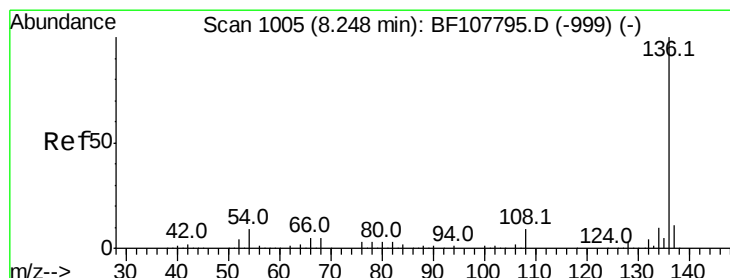
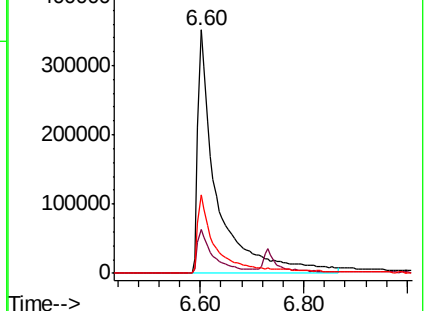
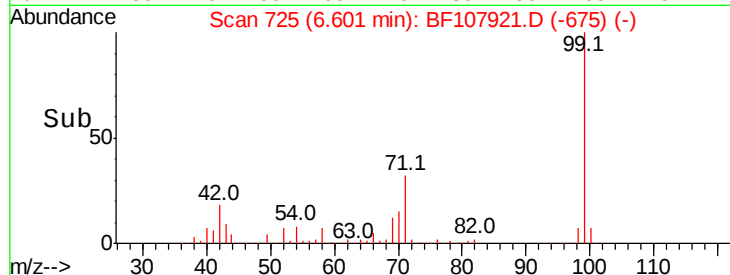
71 32.2 25.4 38.0



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: BF107921.D

Acq: 2 Aug 2018 20:39

Tgt Ion: 136 Resp: 490760

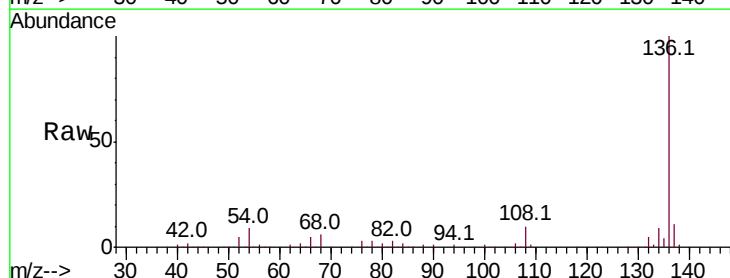
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.9 6.6 9.8

68 6.1 5.0 7.4

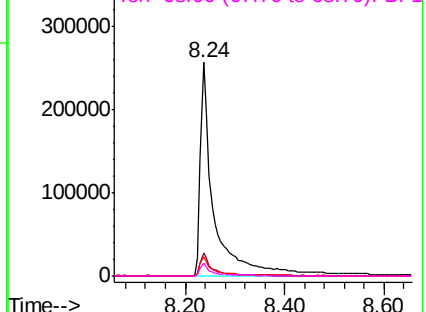
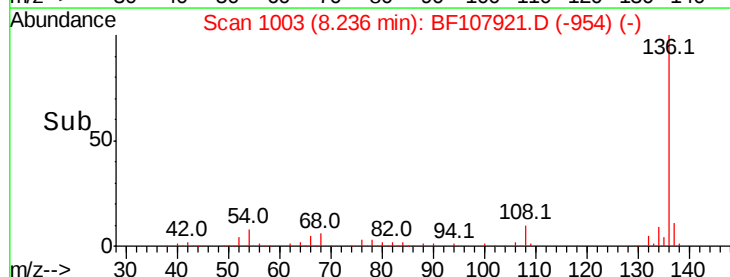


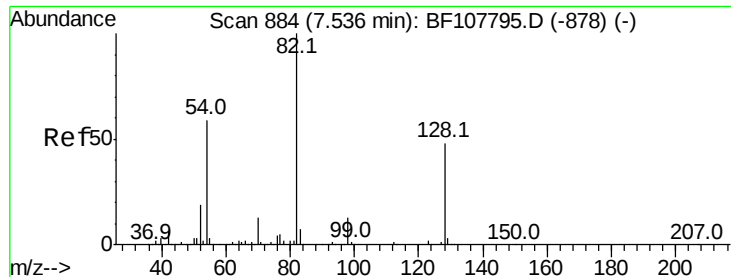
Abundance Ion 136.00 (135.70 to 136.70): E

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

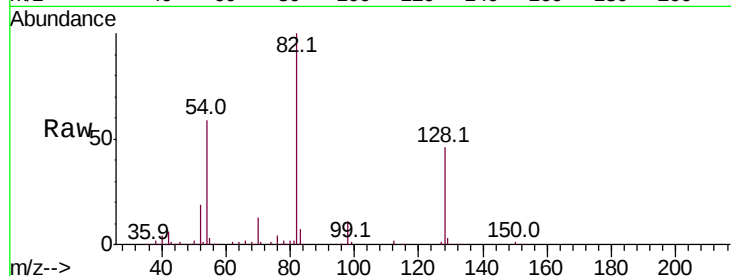




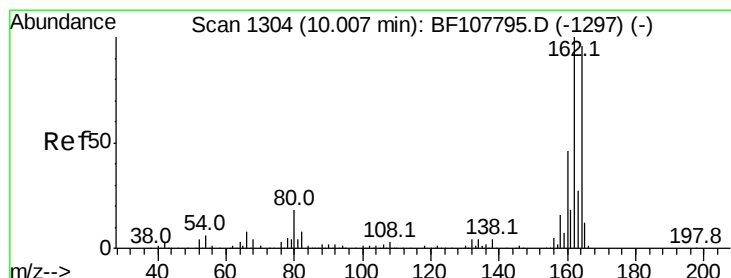
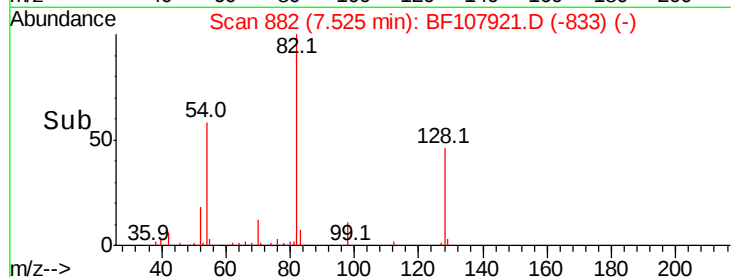
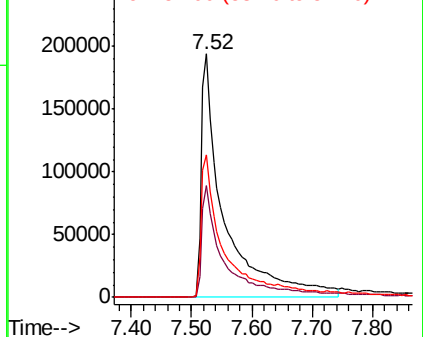
#23
Nitrobenzene-d5
Concen: 60.458 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

Tot Ion: 82 Resp: 515018
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 58.7 41.4 62.2

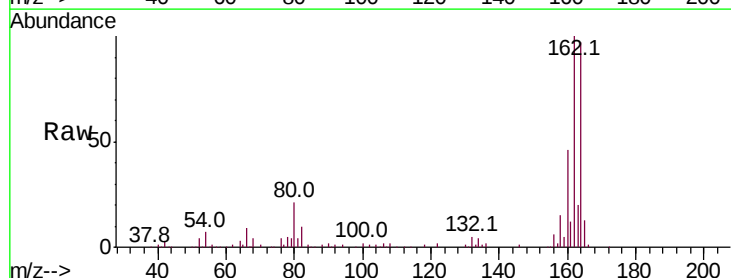


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

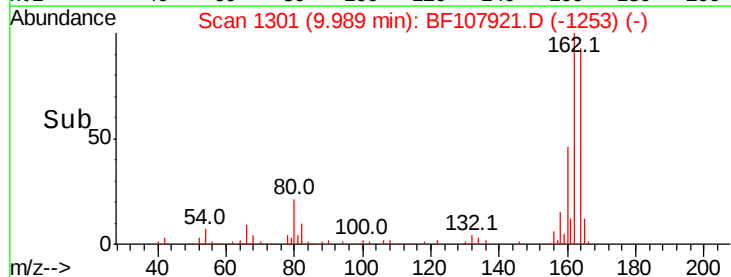
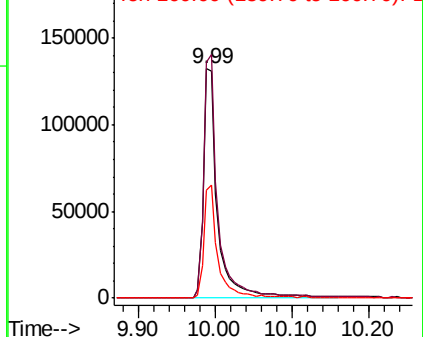


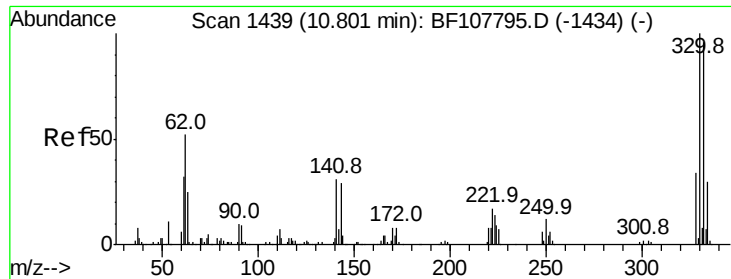
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion:164 Resp: 172277
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 47.1 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

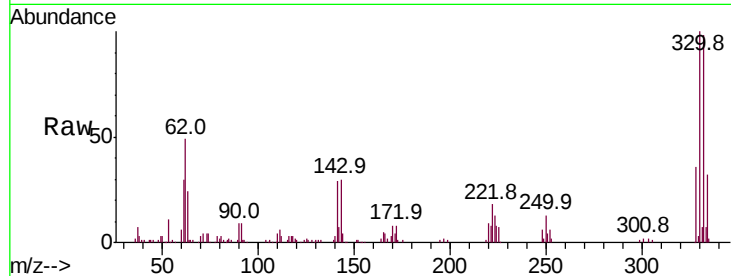




#41
 2,4,6-Tribromophenol
 Concen: 75.171 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107921.D
 Acq: 2 Aug 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	28.9	29.9	44.9#

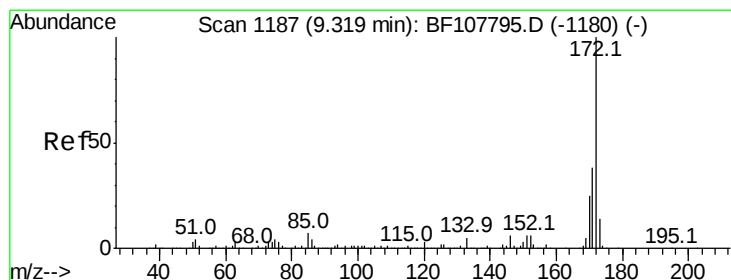
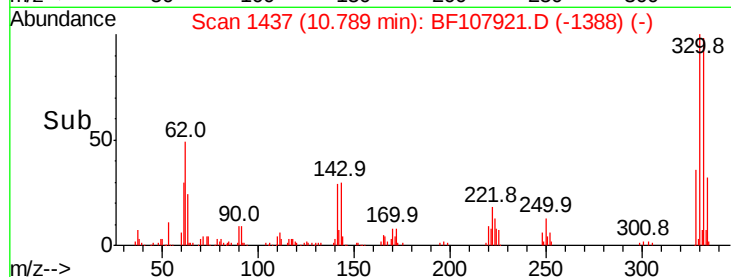
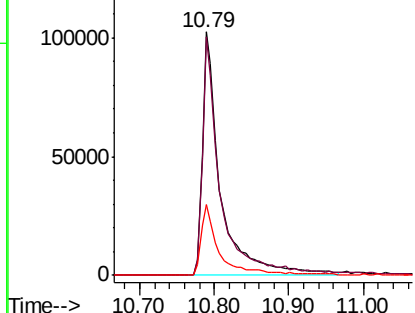


Abundance

Ion 329.80 (329.50 to 330.50): E

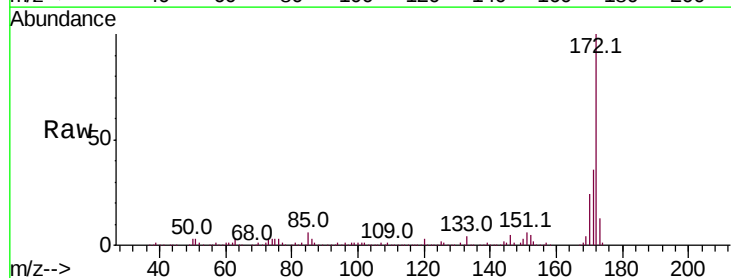
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.767 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107921.D
 Acq: 2 Aug 2018 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4

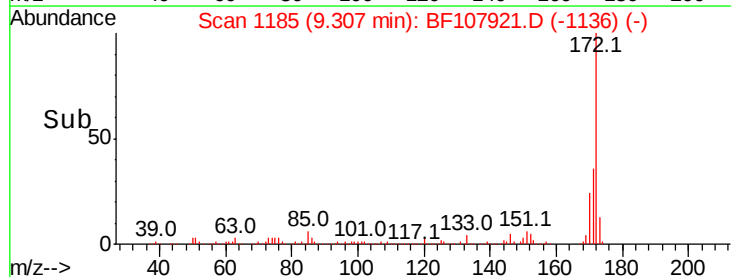
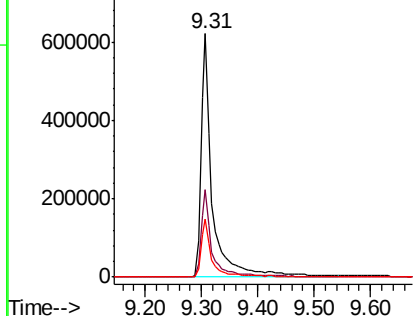


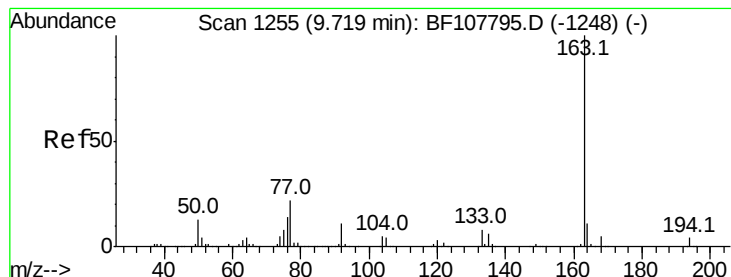
Abundance

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: 9.927 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

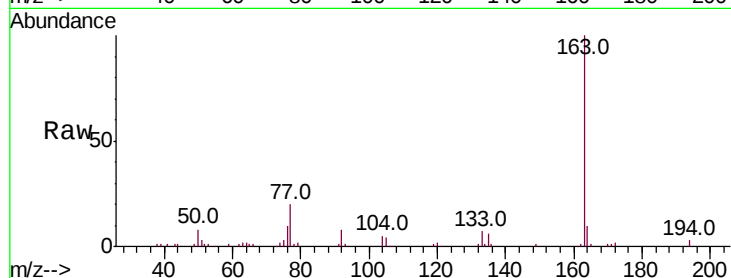
Tot Ion:163 Resp: 128432

Ion Ratio Lower Upper

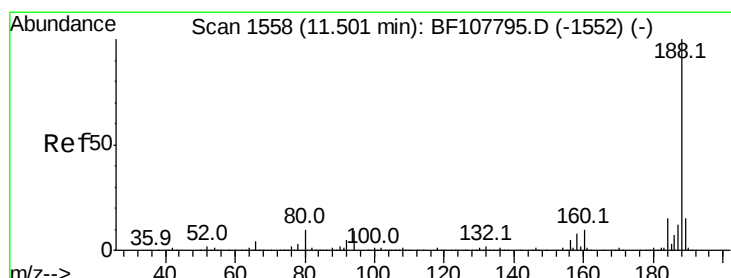
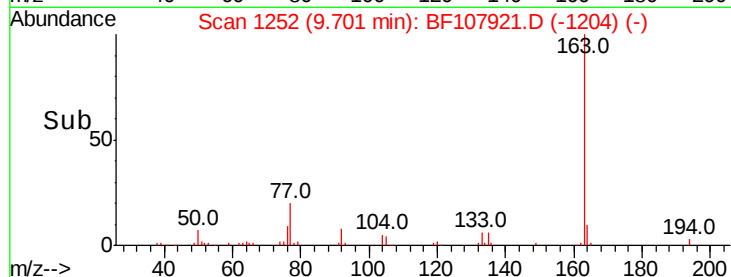
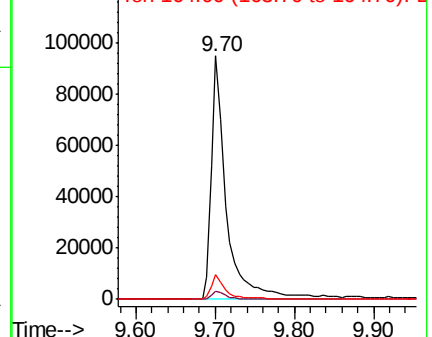
163 100

194 3.5 2.7 4.1

164 10.1 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: BF107921.D

Acq: 2 Aug 2018 20:39

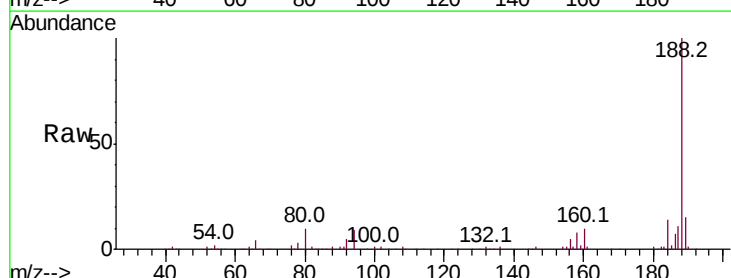
Tgt Ion:188 Resp: 310636

Ion Ratio Lower Upper

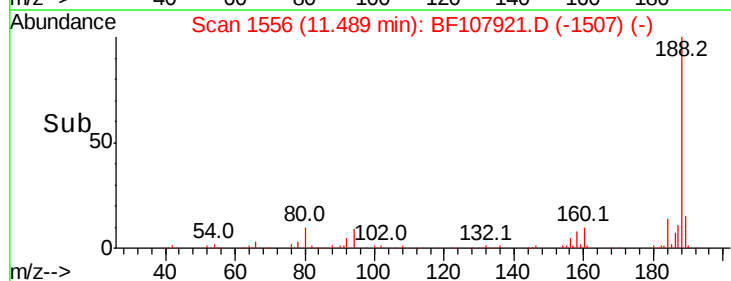
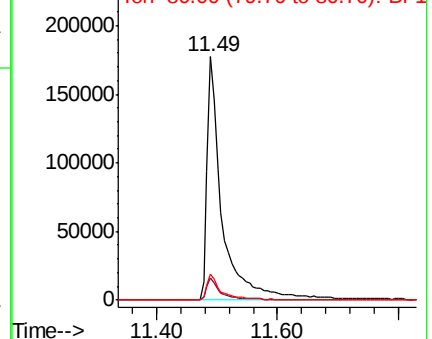
188 100

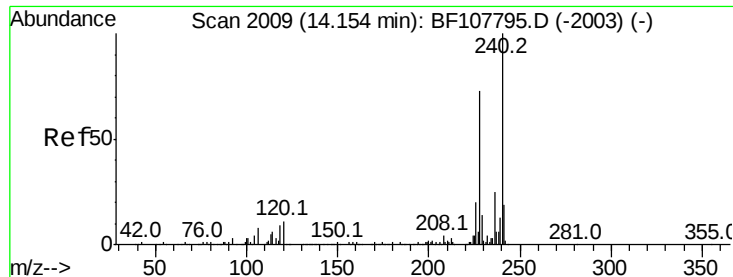
94 9.2 8.5 12.7

80 10.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

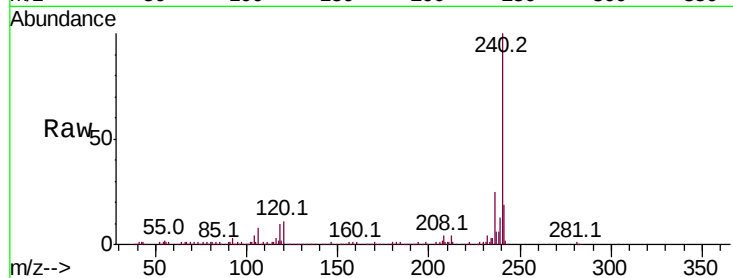
Tot Ion:240 Resp: 354162

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

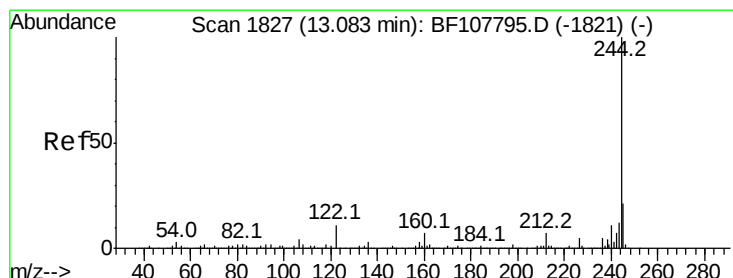
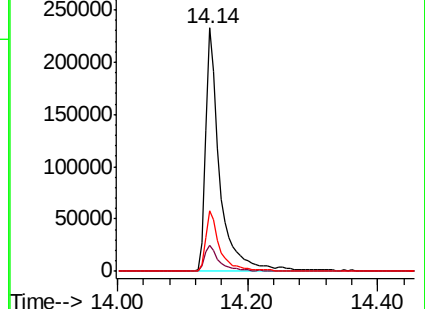
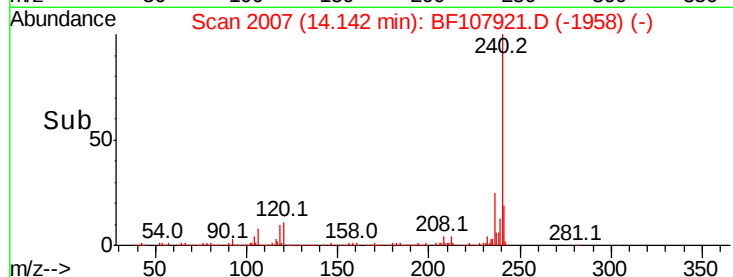
236 25.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 49.474 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

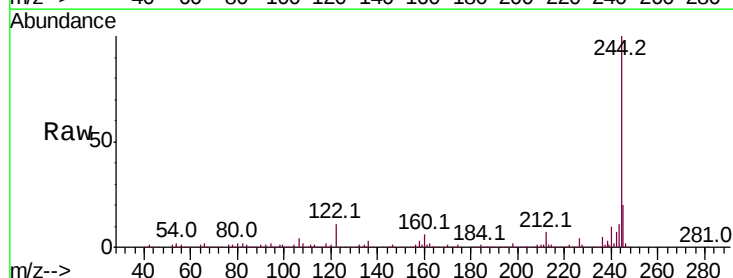
Tgt Ion:244 Resp: 808037

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

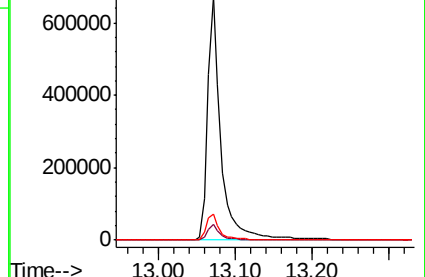
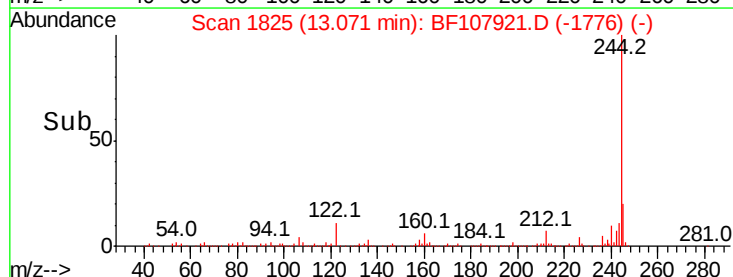
122 10.9 11.0 16.4#

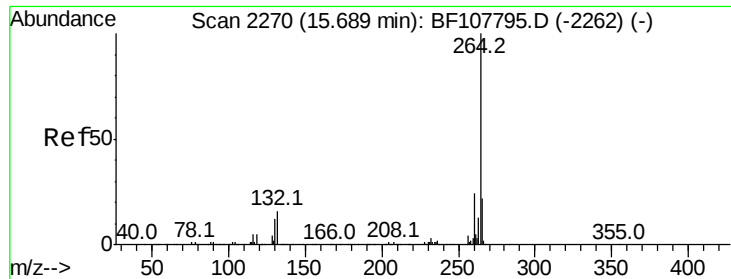


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

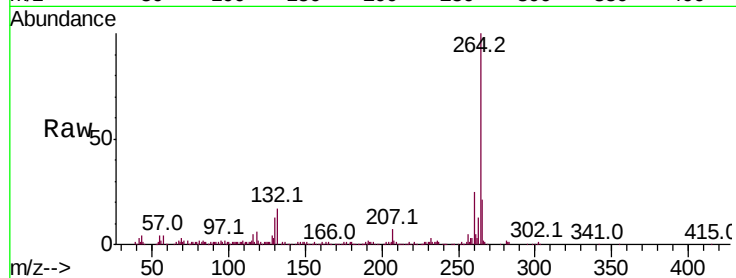




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.8	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

