

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107823.D
 Acq On : 31 Jul 2018 1:40
 Operator : JU/SJ
 Sample : J4210-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-072618

Quant Time: Jul 31 04:41:20 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

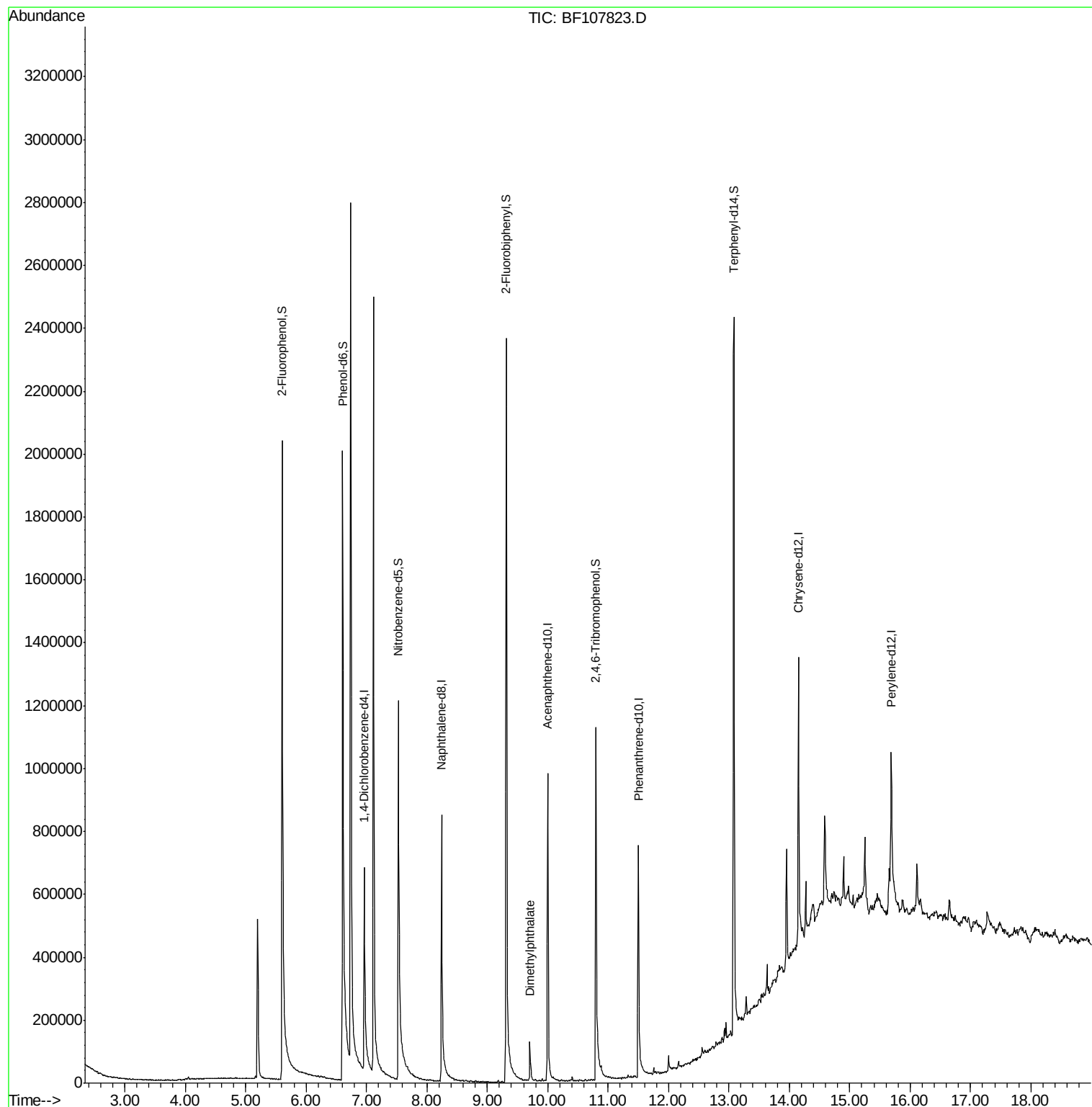
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165180	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	648545	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	229032	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	412843	20.00	ng	0.00
75) Chrysene-d12	14.15	240	462367	20.00	ng	0.00
86) Perylene-d12	15.69	264	329708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	996169	102.50	ng	0.01
7) Phenol-d6	6.61	99	1166569	91.07	ng	0.00
23) Nitrobenzene-d5	7.53	82	765317	67.98	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	224410	72.11	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1079744	65.69	ng	0.00
78) Terphenyl-d14	13.08	244	1011131	47.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	70365	4.091	ng	98

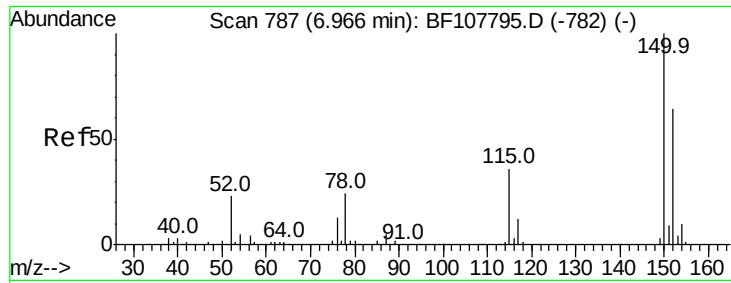
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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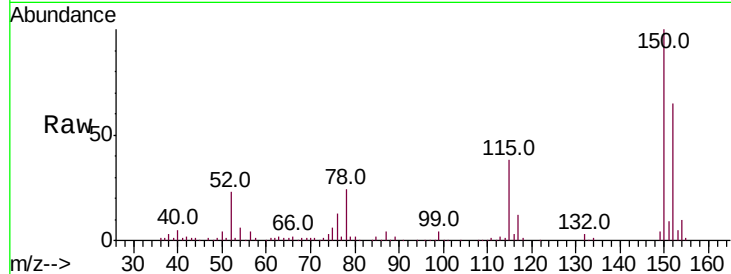


#1

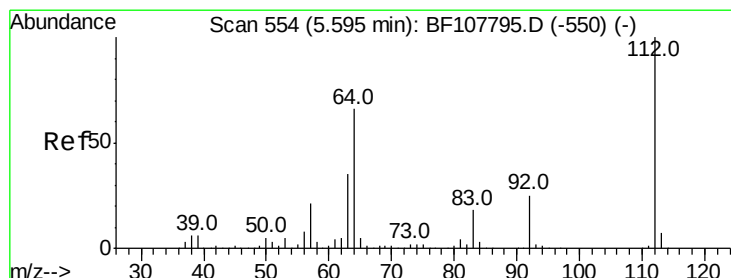
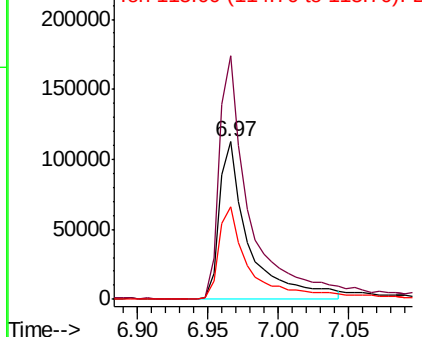
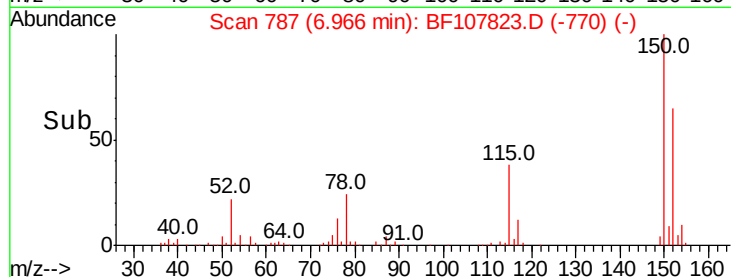
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF107823.D
 Acq: 31 Jul 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-072618

Tot Ion:152 Resp: 165180
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 58.6 50.1 75.1



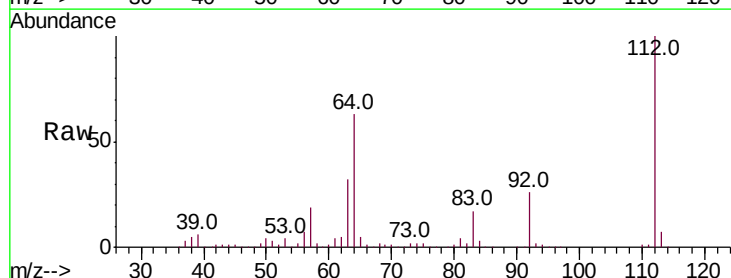
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



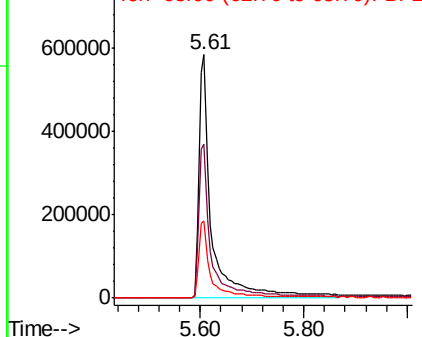
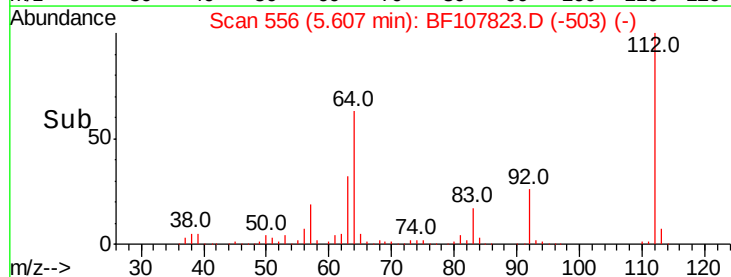
#5

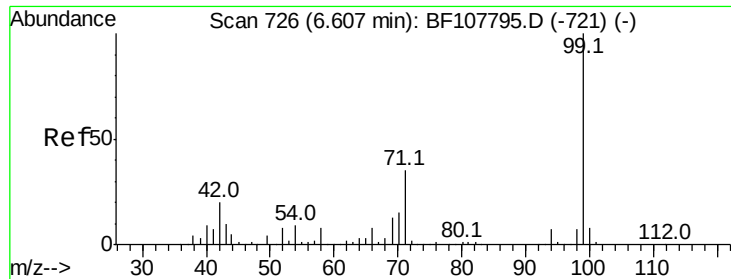
2-Fluorophenol
 Concen: 102.496 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF107823.D
 Acq: 31 Jul 2018 1:40

Tgt Ion:112 Resp: 996169
 Ion Ratio Lower Upper
 112 100
 64 63.0 47.9 71.9
 63 31.9 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: 91.073 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-072618

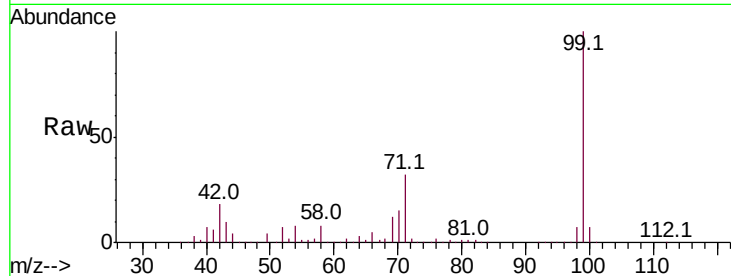
Tot Ion: 99 Resp: 1166569

Ion Ratio Lower Upper

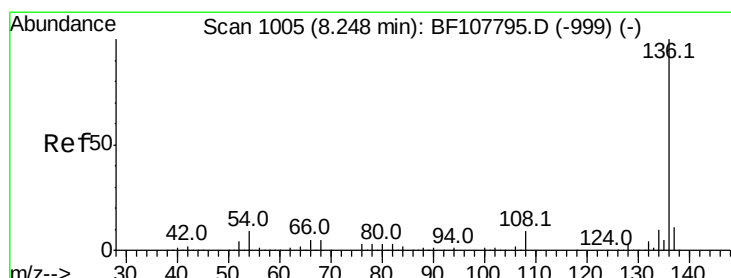
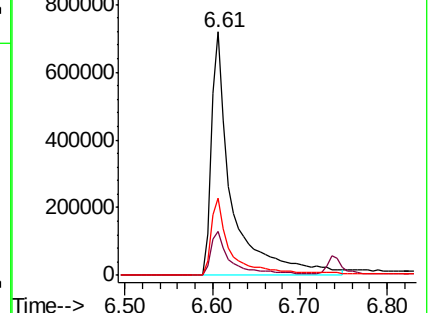
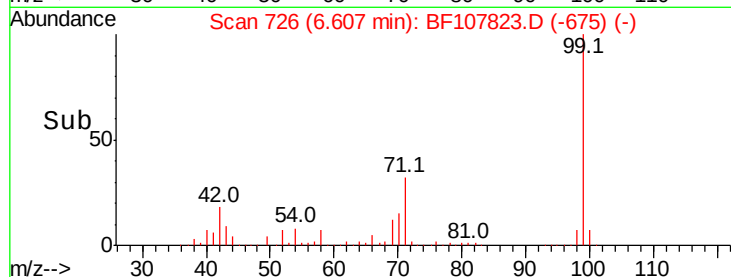
99 100

42 18.2 14.5 21.7

71 31.9 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. -0.01 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

Tgt Ion: 136 Resp: 648545

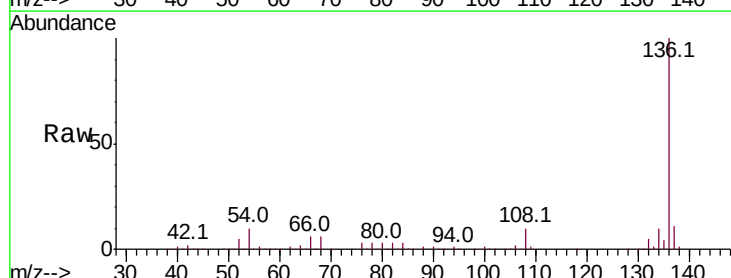
Ion Ratio Lower Upper

136 100

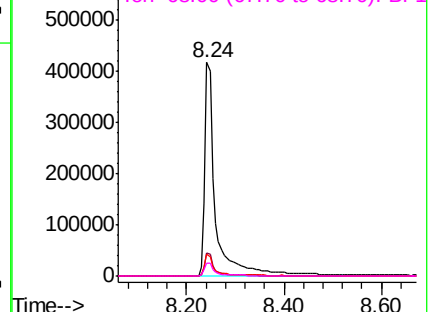
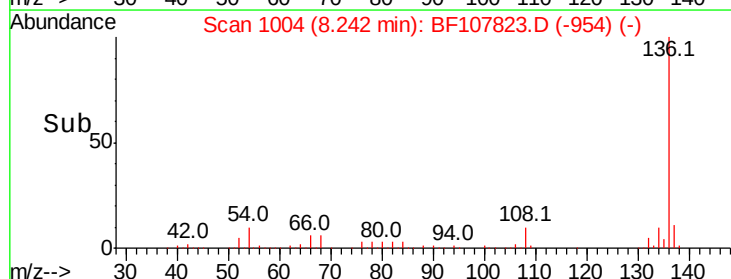
137 10.8 8.9 13.3

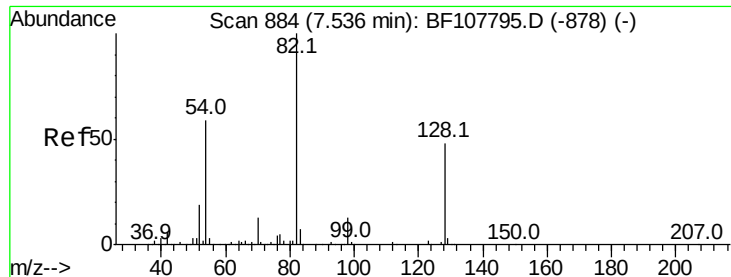
54 10.2 6.6 9.8#

68 6.3 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: 67.983 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-072618

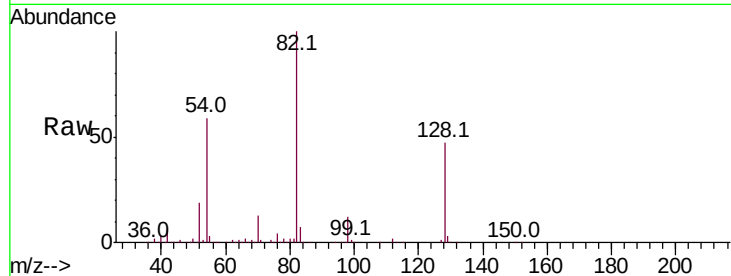
Tot Ion: 82 Resp: 765317

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

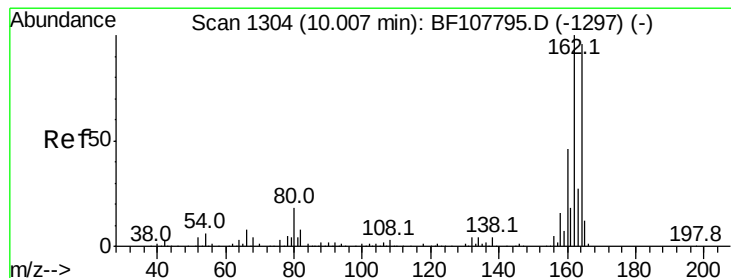
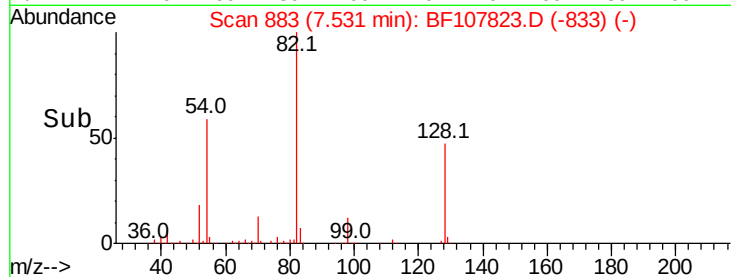
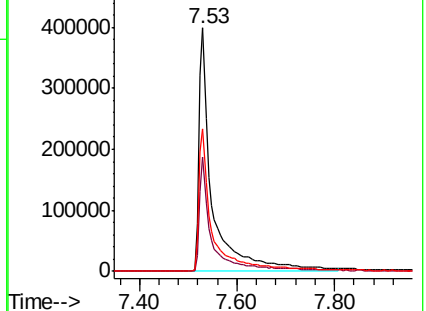
54 58.8 41.4 62.2



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# 1303

Delta R.T. -0.01 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

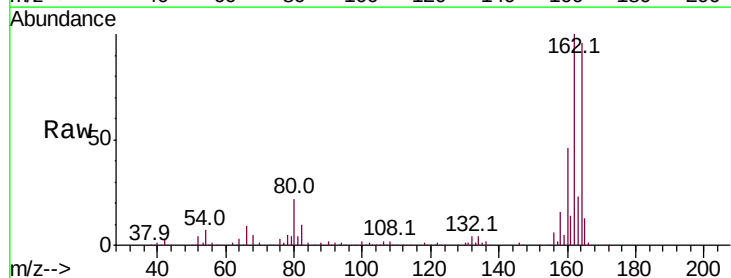
Tgt Ion: 164 Resp: 229032

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

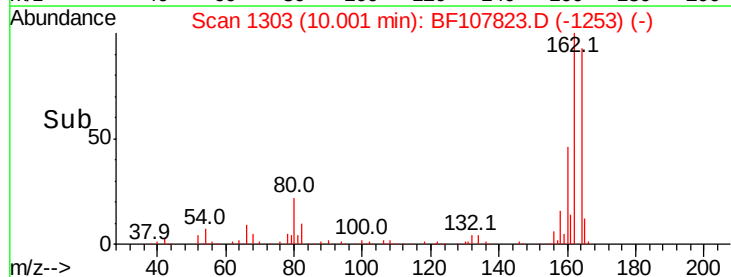
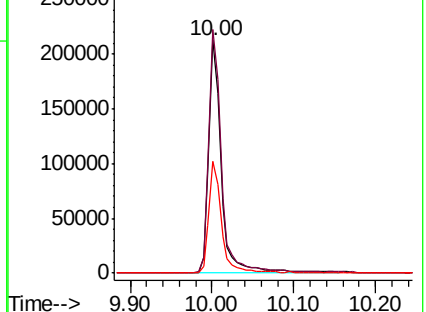
160 47.9 38.3 57.5

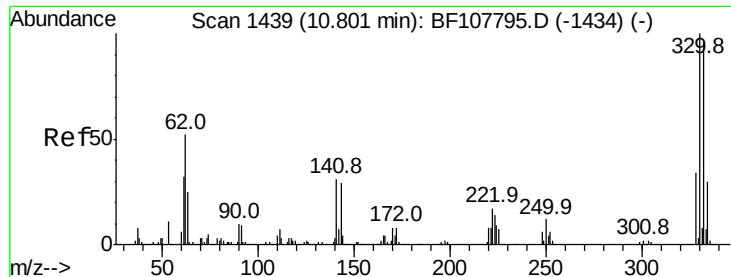


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 72.109 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-072618

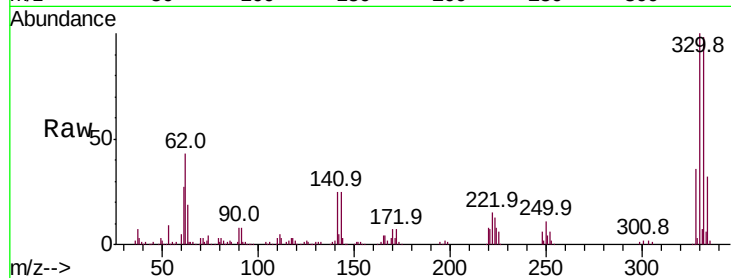
Tot Ion:330 Resp: 224410

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

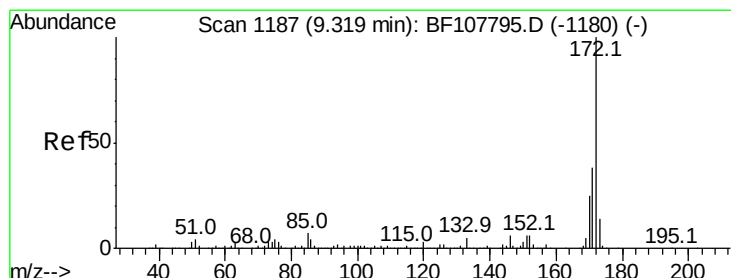
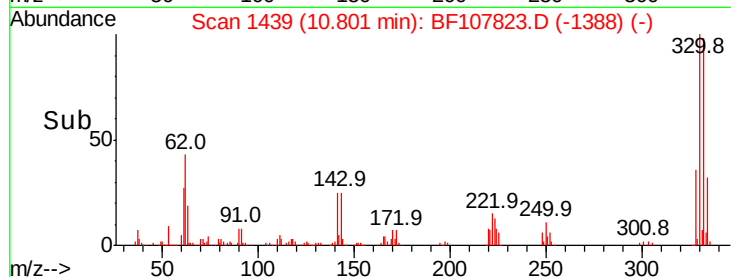
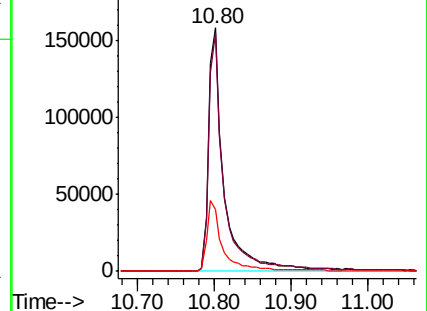
141 29.4 29.9 44.9#



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: 65.694 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

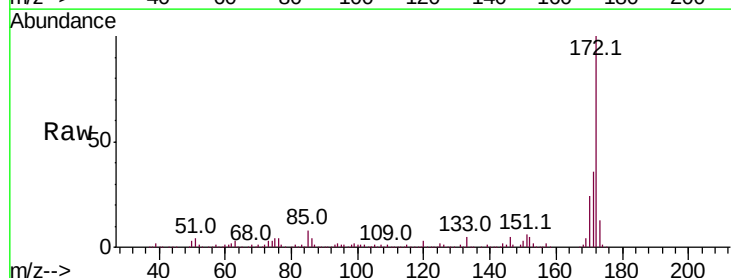
Tgt Ion:172 Resp: 1079744

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

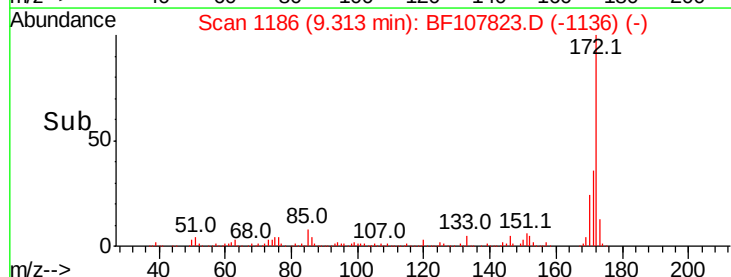
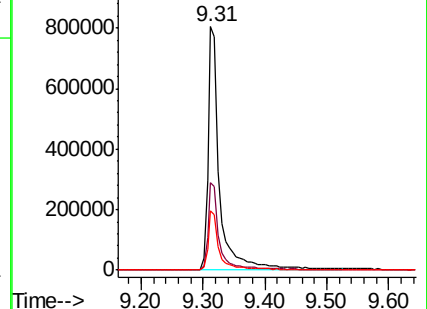
170 24.2 19.6 29.4

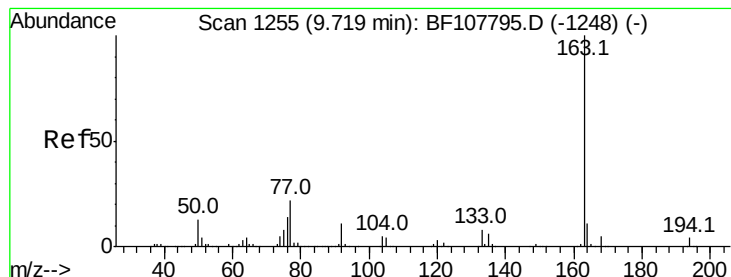


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.091 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-072618

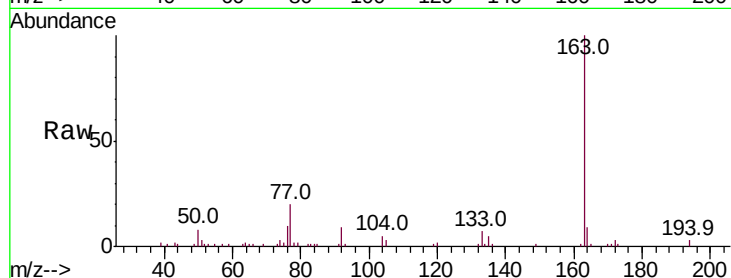
Tot Ion:163 Resp: 70365

Ion Ratio Lower Upper

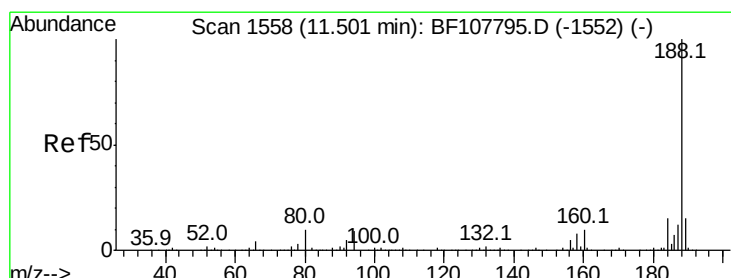
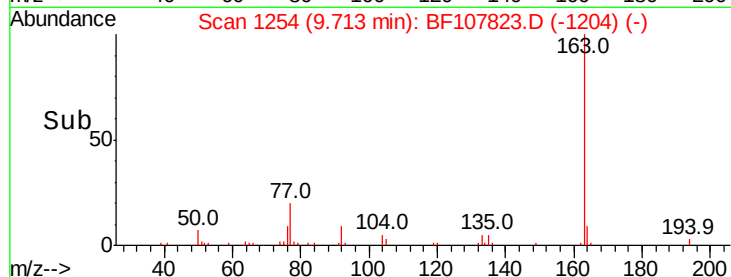
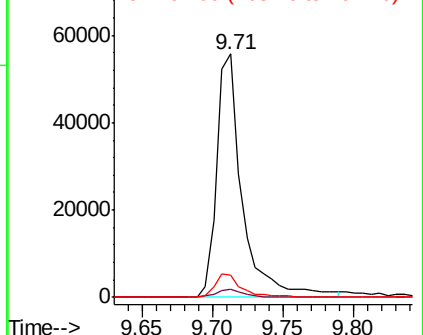
163 100

194 3.2 2.7 4.1

164 9.1 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: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

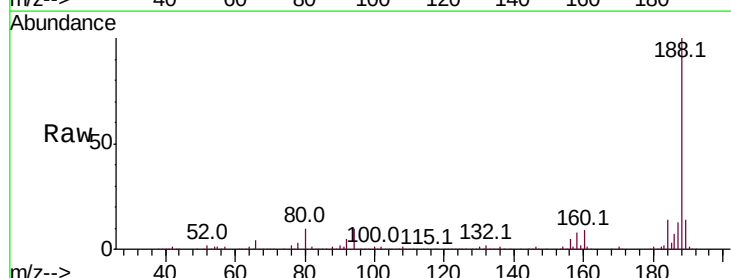
Tgt Ion:188 Resp: 412843

Ion Ratio Lower Upper

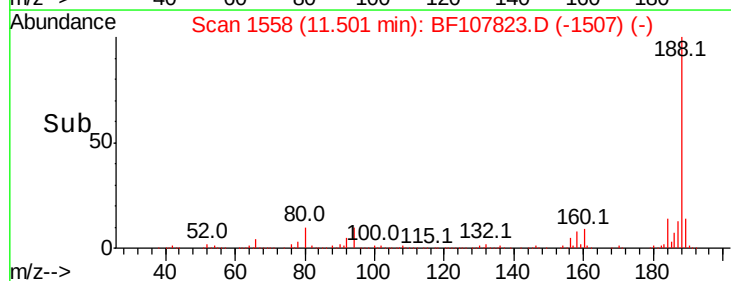
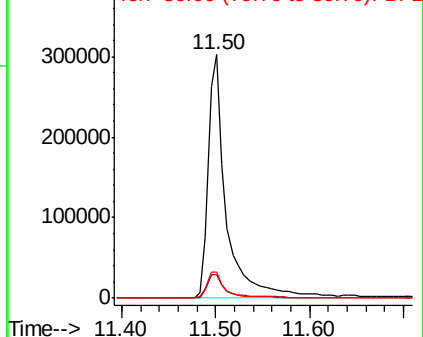
188 100

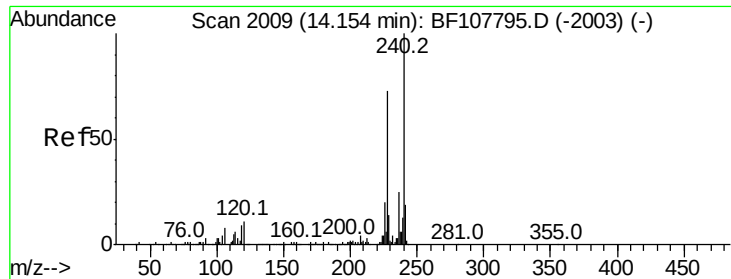
94 9.8 8.5 12.7

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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-072618

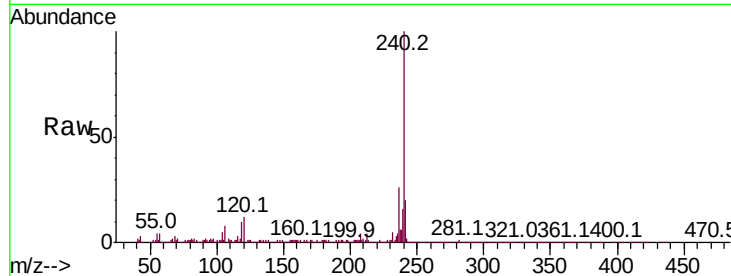
Tot Ion:240 Resp: 462367

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

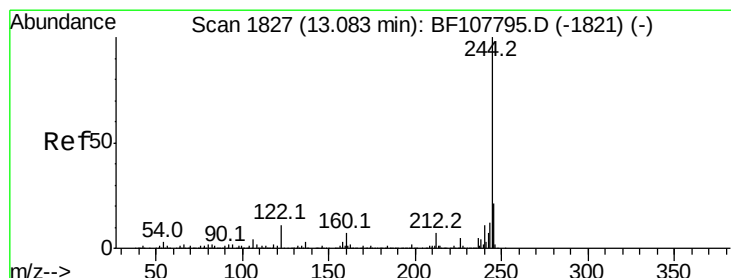
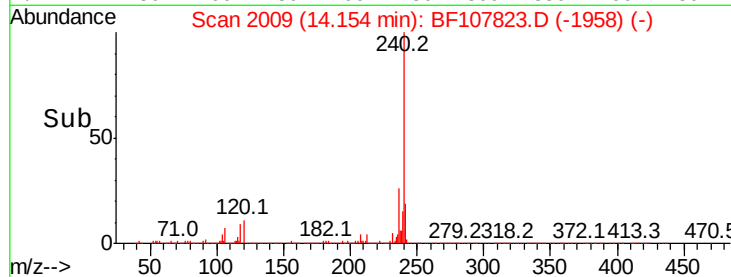
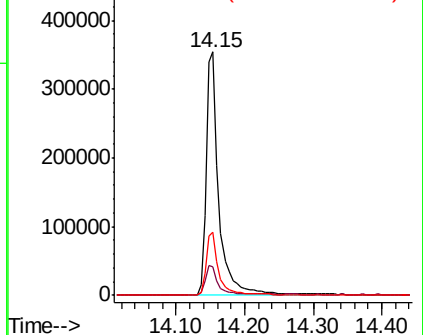
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 47.420 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107823.D

Acq: 31 Jul 2018 1:40

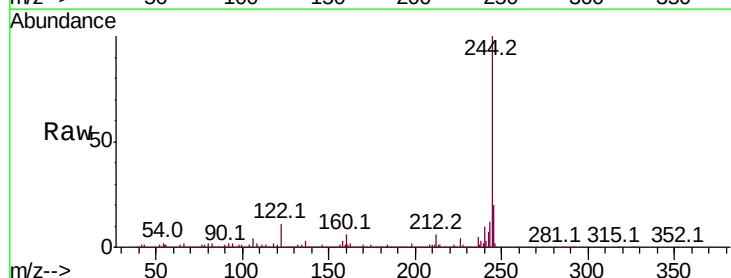
Tgt Ion:244 Resp: 1011131

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

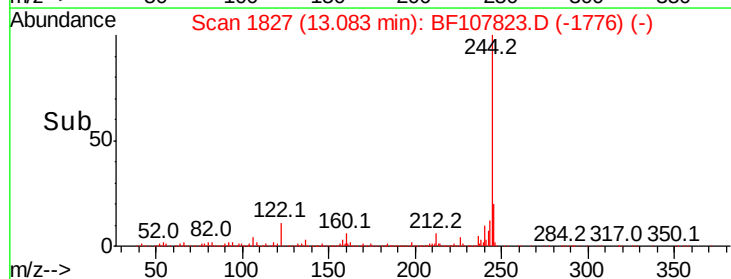
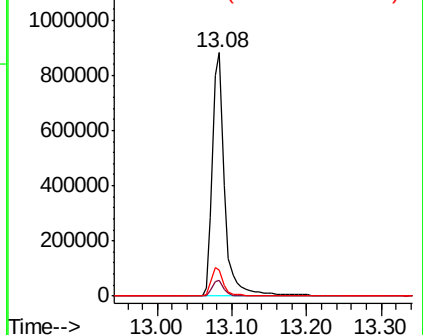
122 10.6 11.0 16.4#

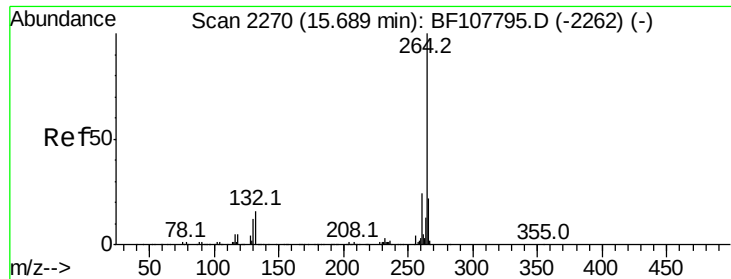


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlène-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107823.D
Acq: 31 Jul 2018 1:40

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-072618

Tot Ion:	264	Resp:	329708
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.4	17.5	26.3

