

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104232.D
 Acq On : 4 Apr 2018 18:22
 Operator : JU/SJ
 Sample : J2185-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-2

Quant Time: Apr 05 01:09:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

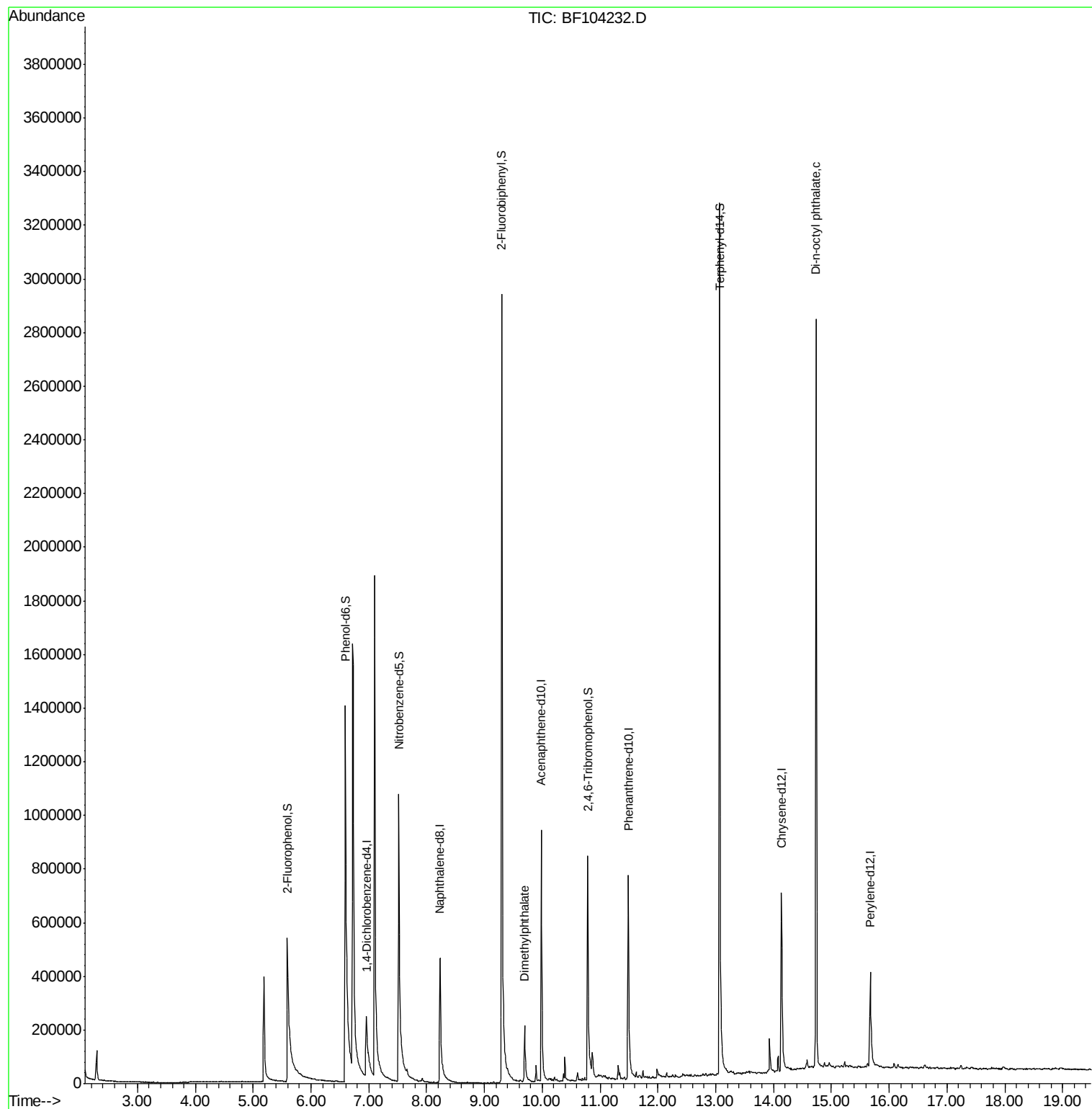
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108242	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491415	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	234651	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	459755	20.00	ng	0.00
75) Chrysene-d12	14.14	240	358880	20.00	ng	0.00
86) Perylene-d12	15.67	264	255229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	557445	82.13	ng	0.00
7) Phenol-d6	6.59	99	1175952	140.82	ng	-0.01
23) Nitrobenzene-d5	7.52	82	734943	91.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	188601	72.18	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1462968	98.32	ng	0.00
78) Terphenyl-d14	13.07	244	1532881	98.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	149882	8.090	ng	99
84) Di-n-octyl phthalate	14.74	149	310614	11.498	ng	# 60

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

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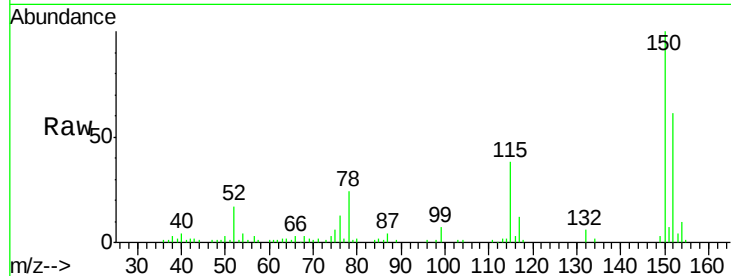


#1

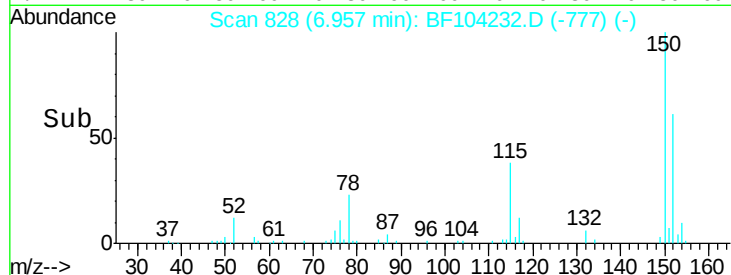
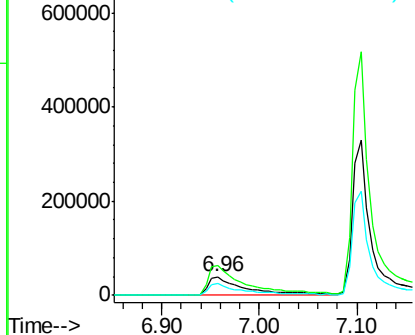
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-2

Tot Ion:152 Resp: 108242
 Ion Ratio Lower Upper
 152 100
 150 163.0 124.6 186.8
 115 62.1 50.1 75.1



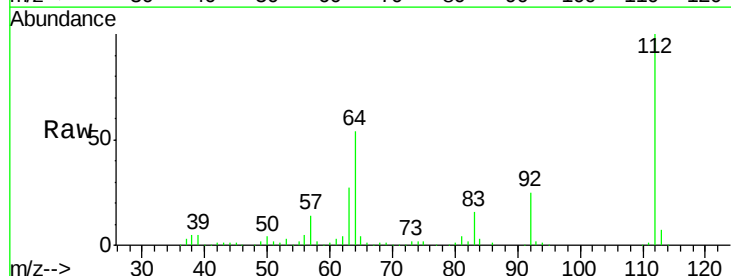
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



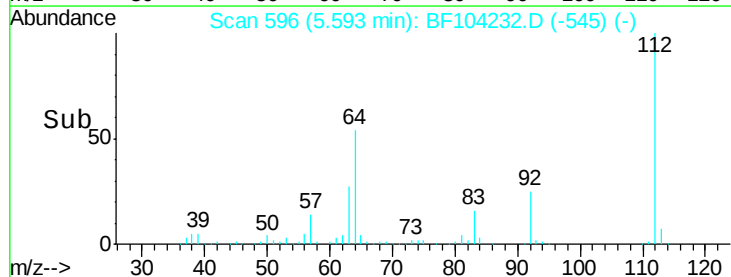
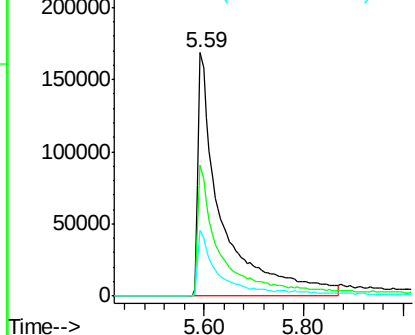
#5

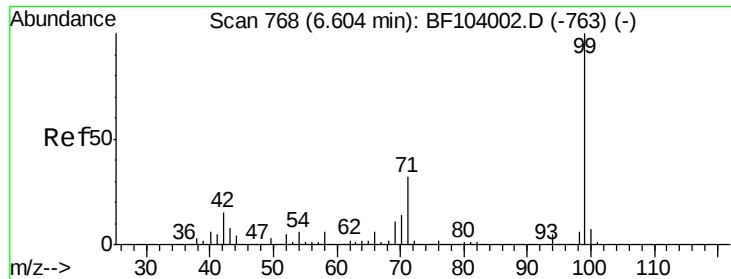
2-Fluorophenol
 Concen: 82.129 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Tgt Ion:112 Resp: 557445
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 26.9 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: 140.823 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

BNA_F

ClientSampleId :

LOWER-CONCRETE-SLAB-2

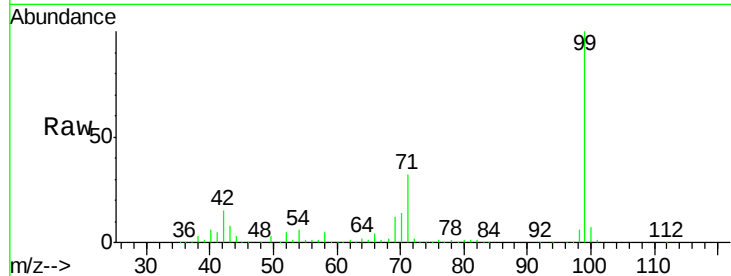
Tot Ion: 99 Resp: 1175952

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

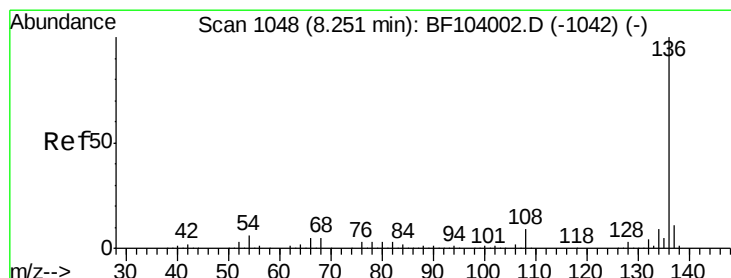
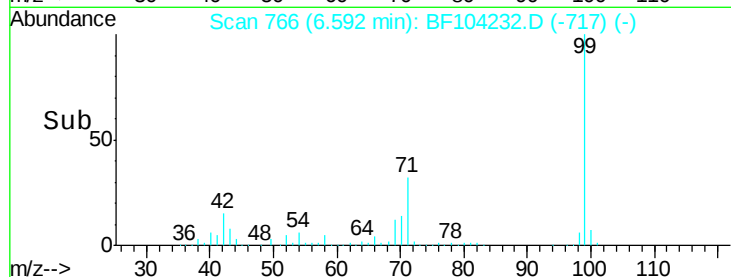
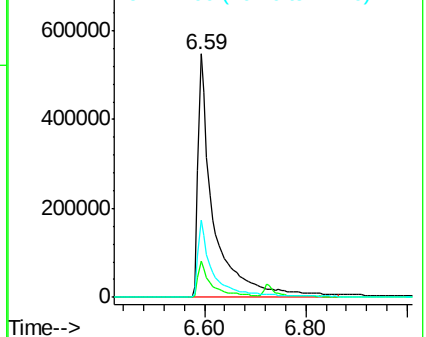
71 31.5 25.4 38.0



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: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Tgt Ion: 136 Resp: 491415

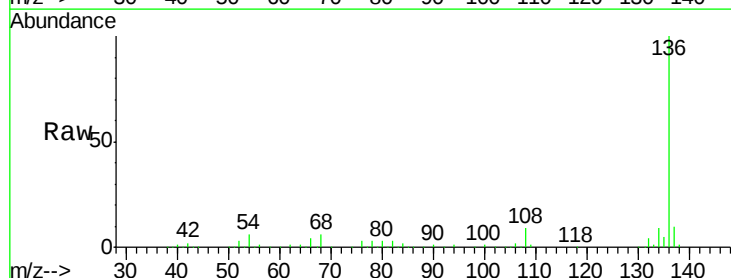
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

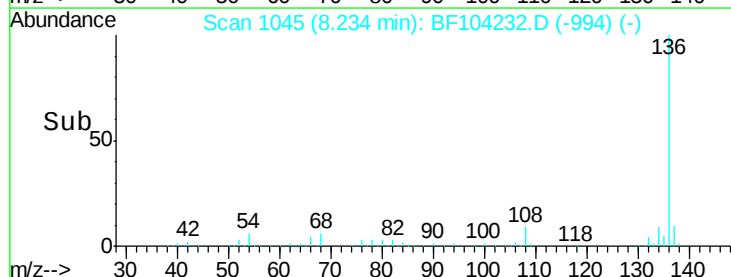
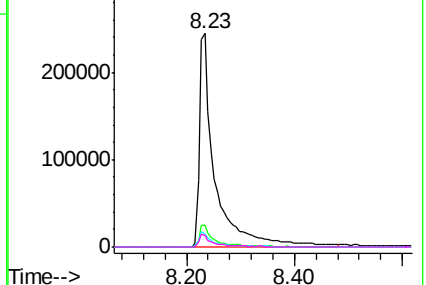


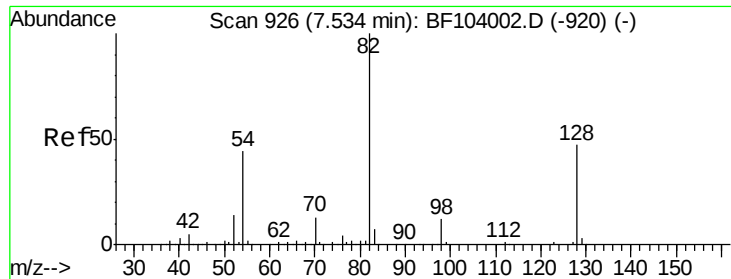
Abundance Ion 136.00 (135.70 to 136.70): E

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

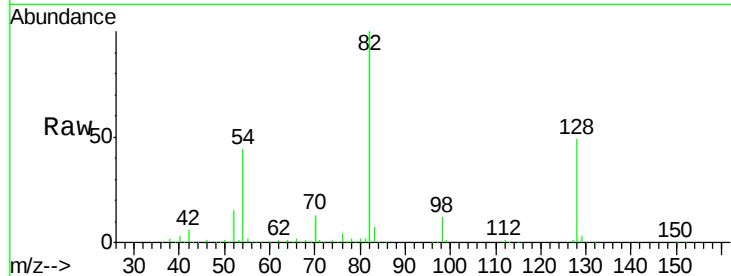




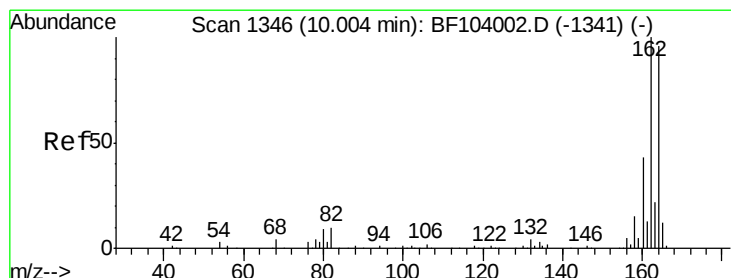
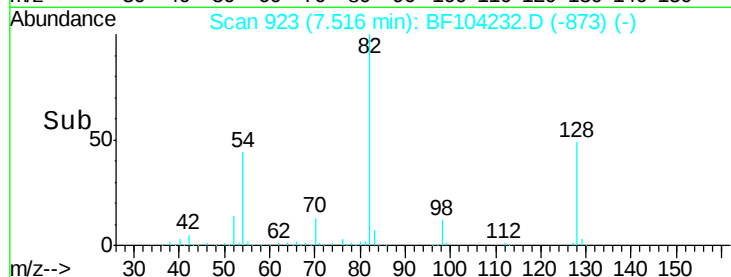
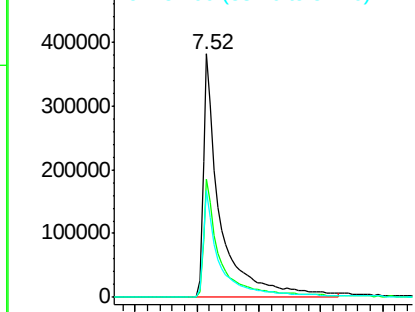
#23
Nitrobenzene-d5
Concen: 91.462 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104232.D
Acq: 4 Apr 2018 18:22

Instrument :
BNA_F
ClientSampleId :
LOWER-CONCRETE-SLAB-2

Tot Ion: 82 Resp: 734943
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 44.1 41.4 62.2

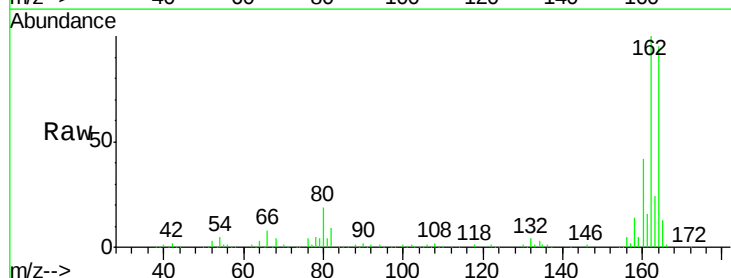


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

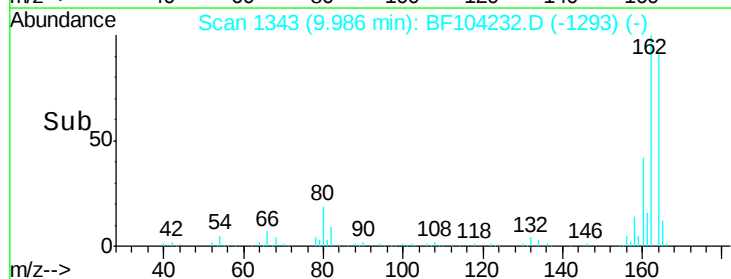
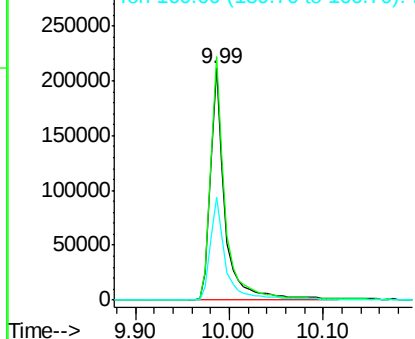


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104232.D
Acq: 4 Apr 2018 18:22

Tgt Ion:164 Resp: 234651
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 44.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

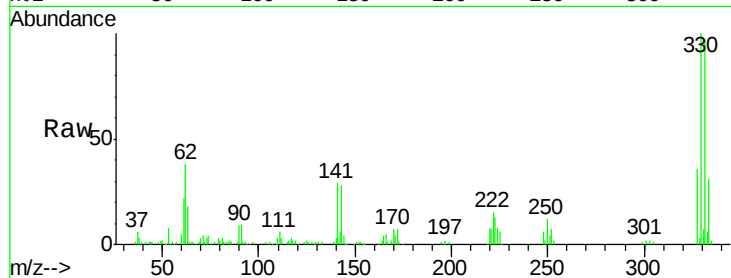




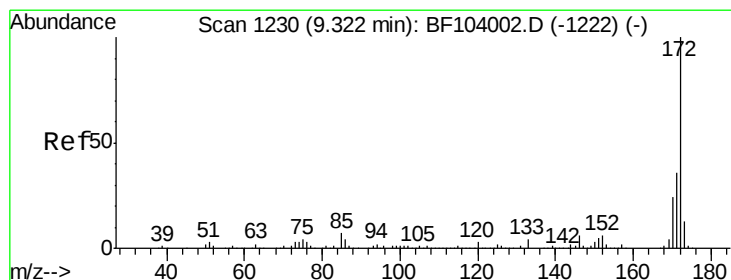
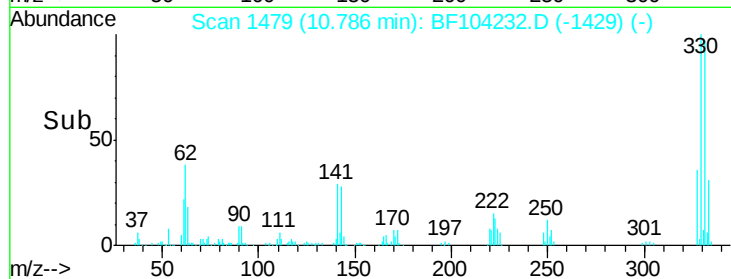
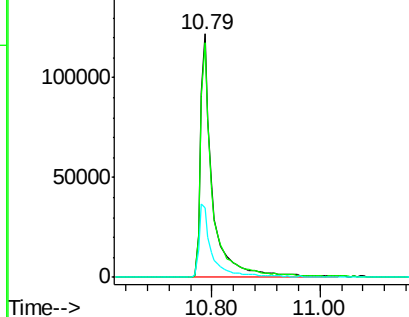
#41
 2,4,6-Tribromophenol
 Concen: 72.182 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-2

Tot Ion:330 Resp: 188601
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.2 29.9 44.9

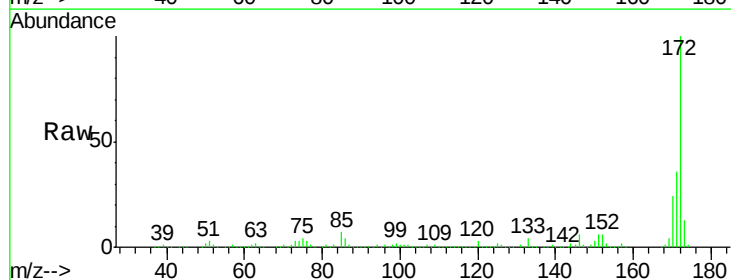


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

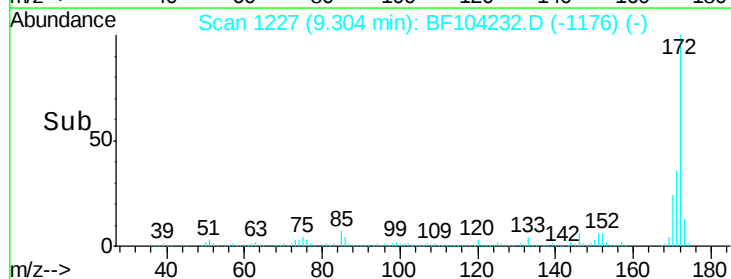
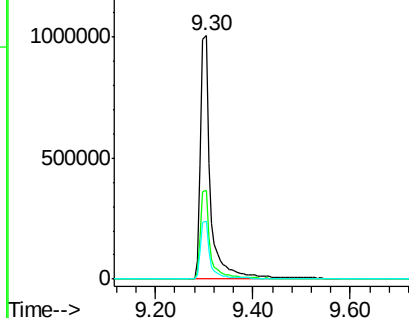


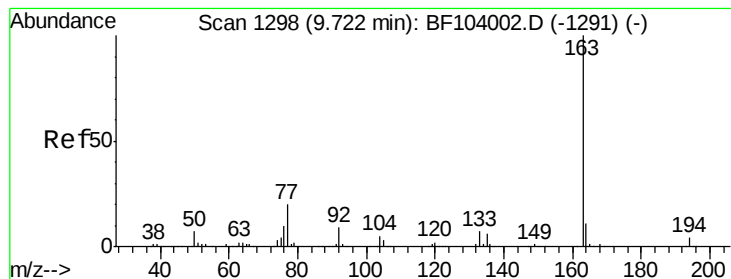
#44
 2-Fluorobiphenyl
 Concen: 98.315 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Tgt Ion:172 Resp: 1462968
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 8.090 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

BNA_F

ClientSampleId :

LOWER-CONCRETE-SLAB-2

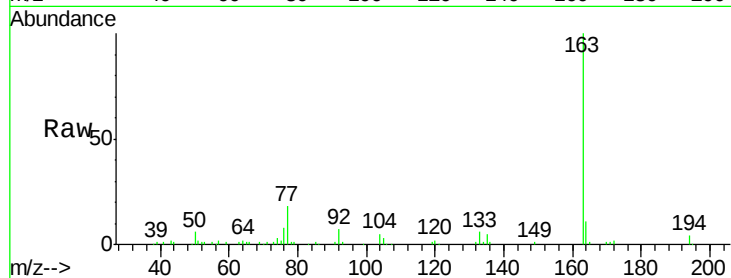
Tot Ion:163 Resp: 149882

Ion Ratio Lower Upper

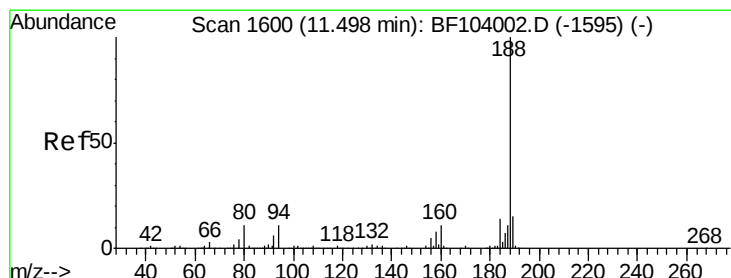
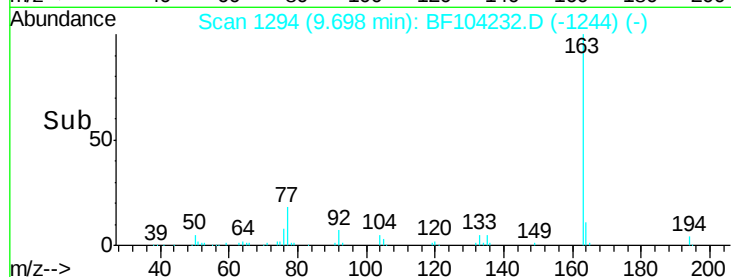
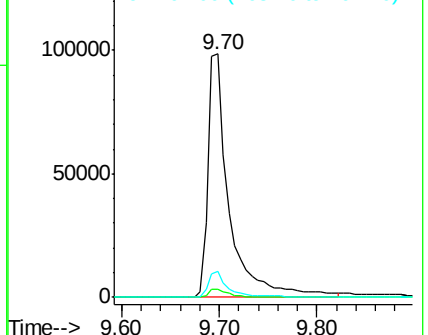
163 100

194 3.6 2.7 4.1

164 10.6 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# 1598

Delta R.T. -0.00 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

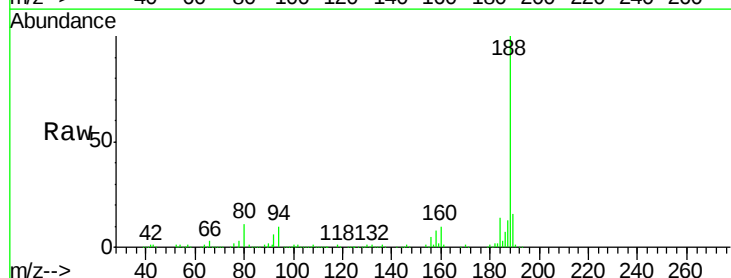
Tgt Ion:188 Resp: 459755

Ion Ratio Lower Upper

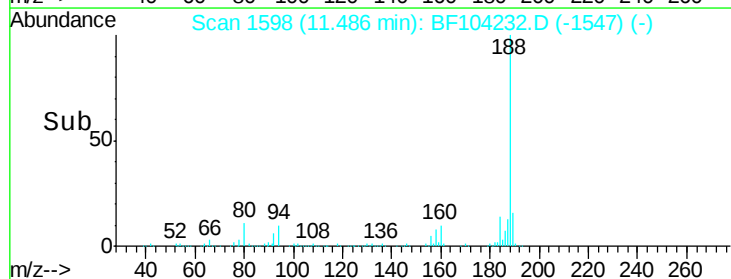
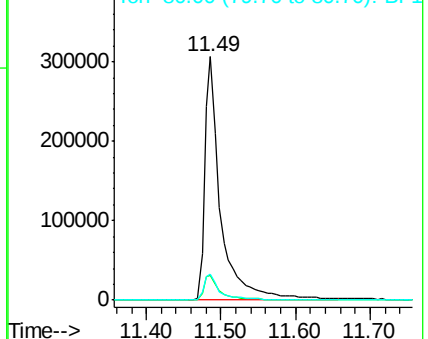
188 100

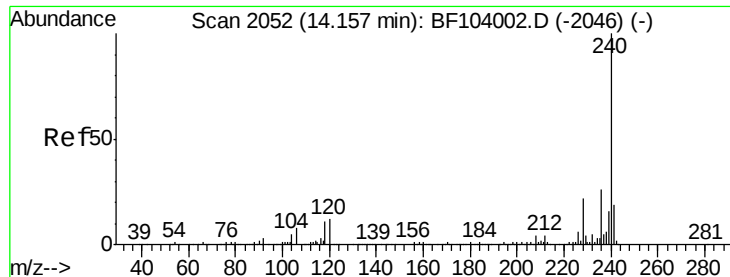
94 10.4 8.5 12.7

80 10.5 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# 2049

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

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ClientSampleId :

LOWER-CONCRETE-SLAB-2

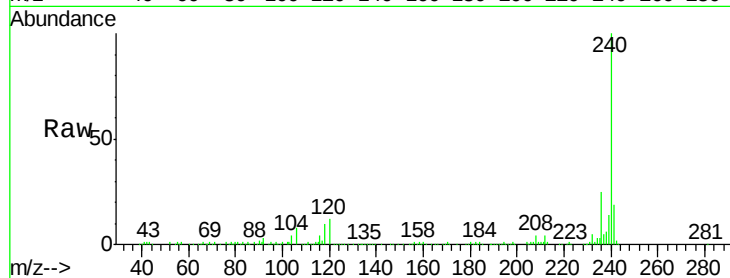
Tot Ion:240 Resp: 358880

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

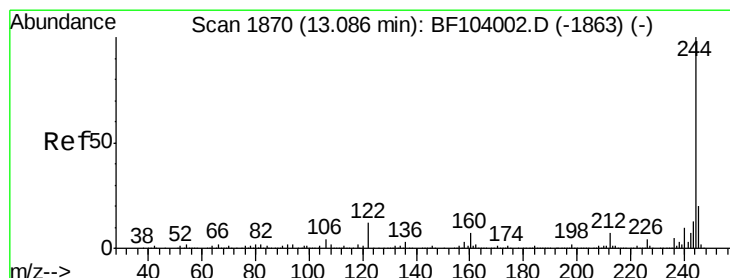
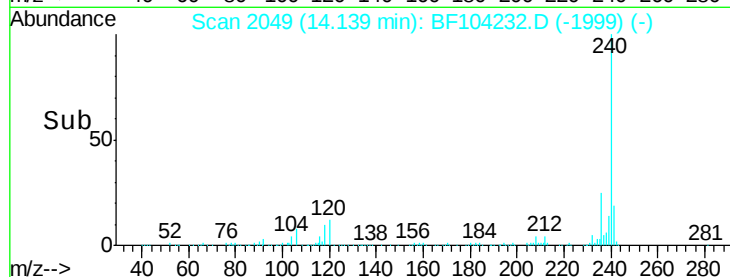
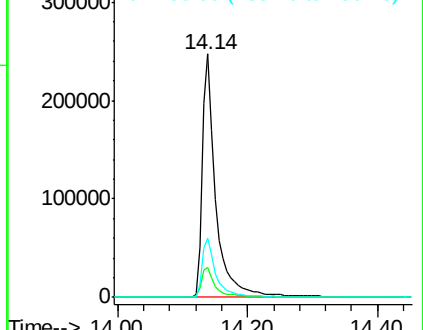
236 24.6 20.7 31.1



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: 98.622 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

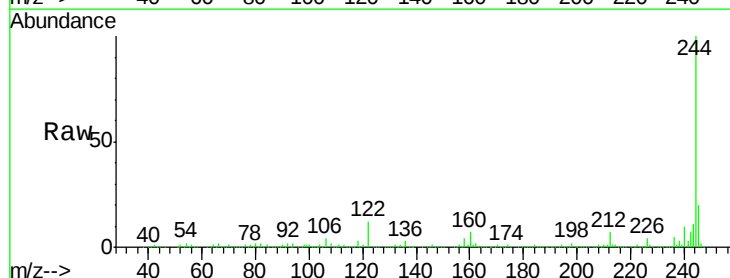
Tgt Ion:244 Resp: 1532881

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

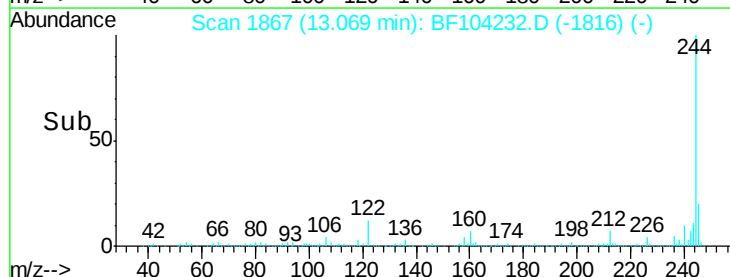
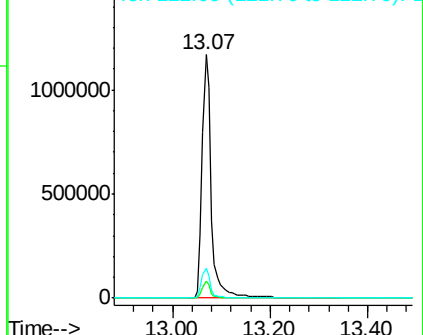
122 12.4 11.0 16.4

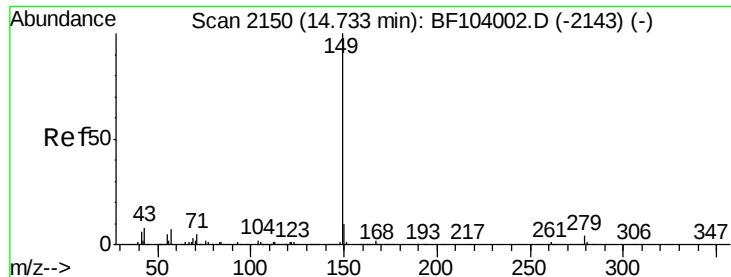


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 11.498 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.04 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

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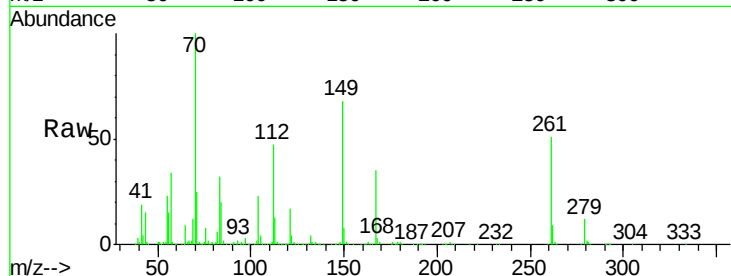
Tot Ion:149 Resp: 310614

Ion Ratio Lower Upper

149 100

167 51.2 1.2 1.8#

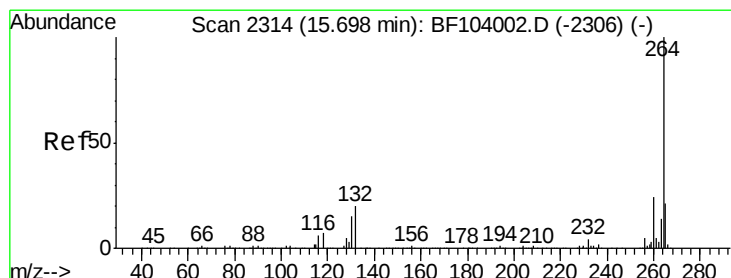
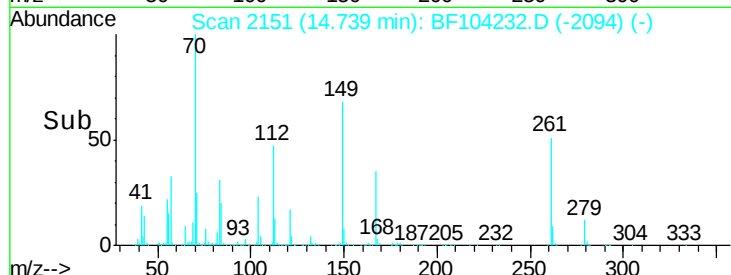
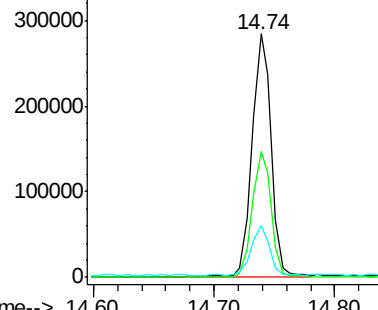
43 20.6 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

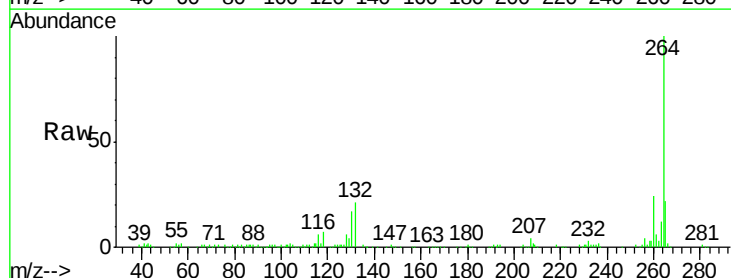
Tgt Ion:264 Resp: 255229

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

