

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104085.D
 Acq On : 30 Mar 2018 7:29
 Operator : JU/SJ
 Sample : J2113-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-D-S

Quant Time: Mar 30 08:37:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

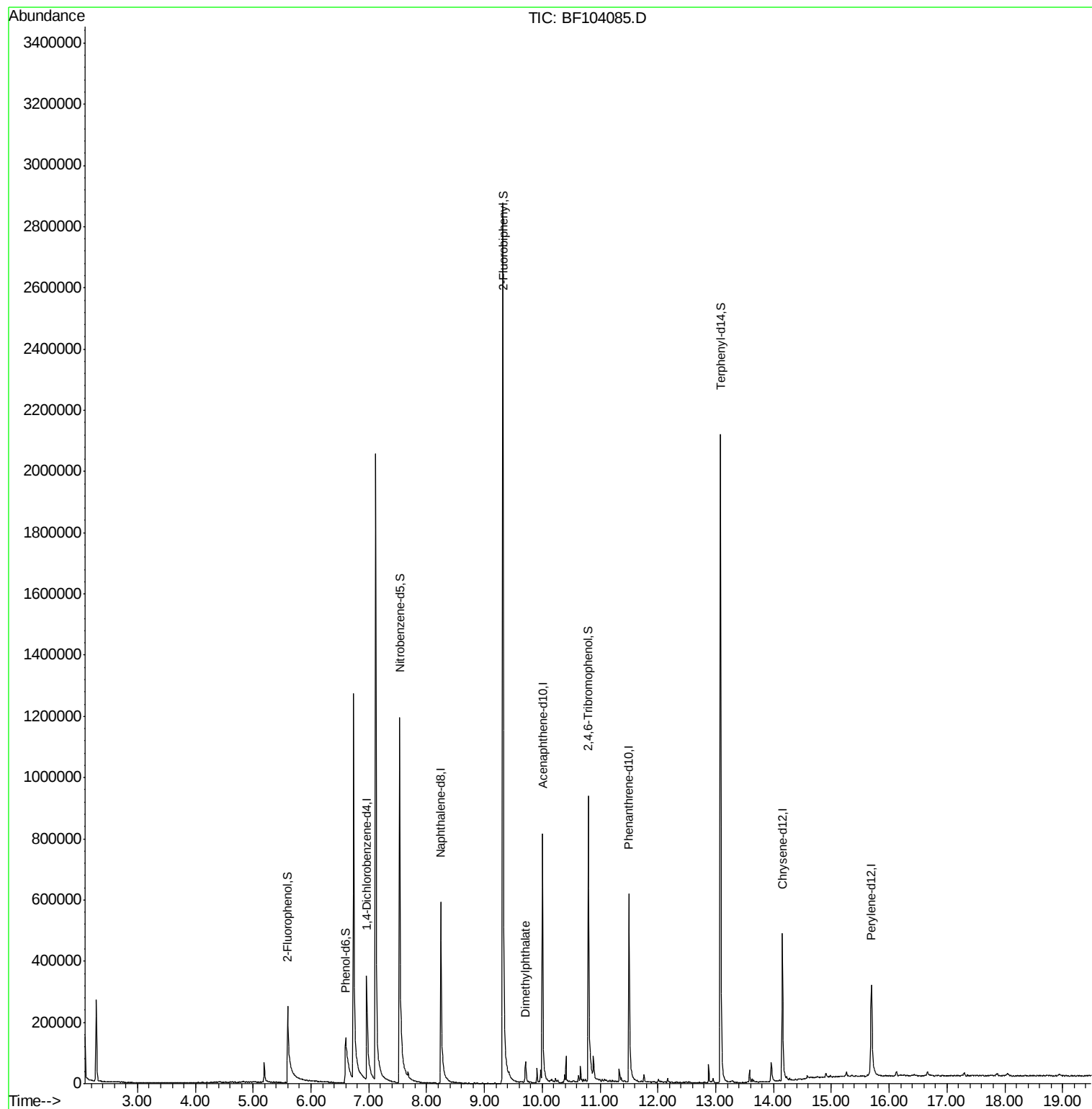
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114382	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	488931	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	213795	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	346840	20.00	ng	0.00
75) Chrysene-d12	14.15	240	239771	20.00	ng	0.00
86) Perylene-d12	15.69	264	217390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	222781	31.06	ng	0.00
7) Phenol-d6	6.60	99	205216	23.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	697668	87.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	175551	73.74	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1330711	98.15	ng	0.00
78) Terphenyl-d14	13.09	244	932367	89.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	41201	2.441	ng	100

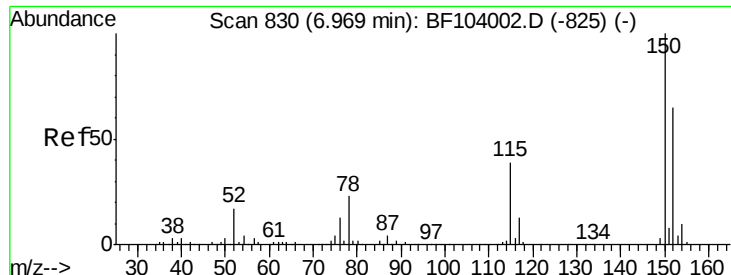
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-D-S

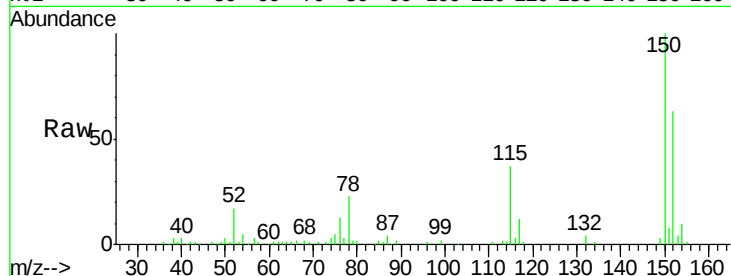
Tot Ion:152 Resp: 114382

Ion Ratio Lower Upper

152 100

150 159.2 124.6 186.8

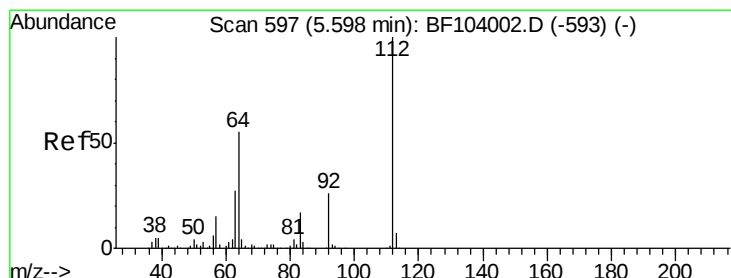
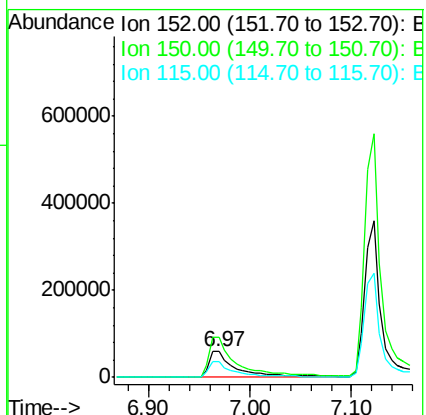
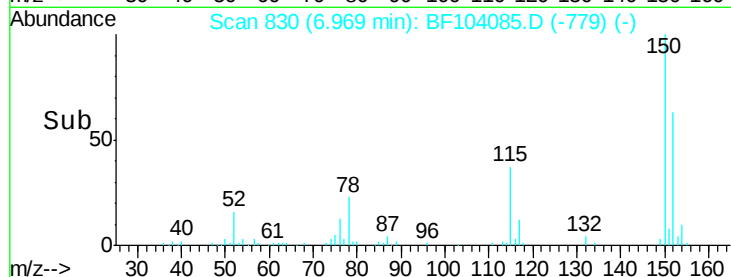
115 59.3 50.1 75.1



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: 31.061 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

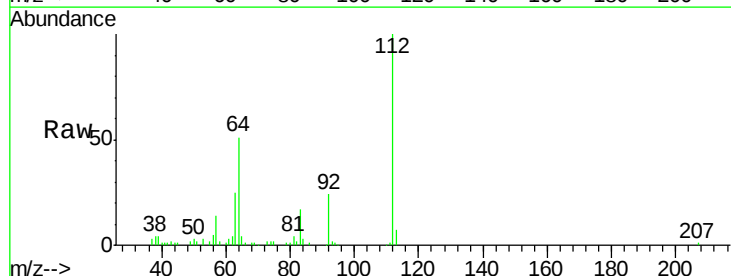
Tgt Ion:112 Resp: 222781

Ion Ratio Lower Upper

112 100

64 50.7 47.9 71.9

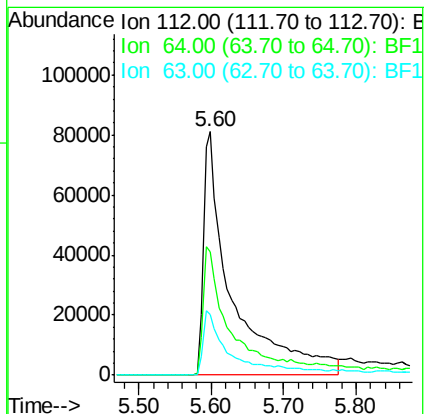
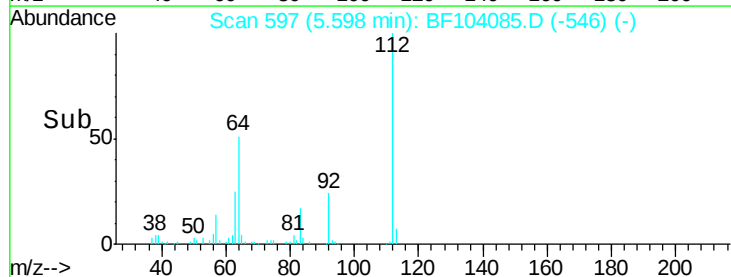
63 24.9 23.7 35.5

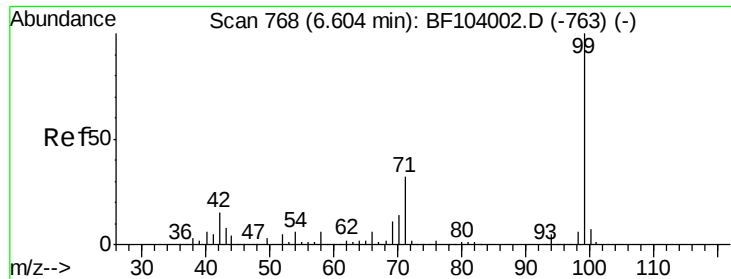


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.256 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-D-S

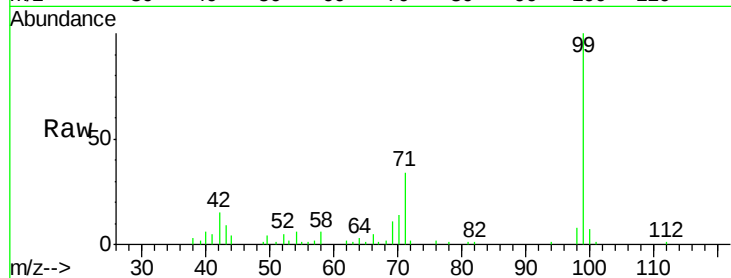
Tot Ion: 99 Resp: 205216

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

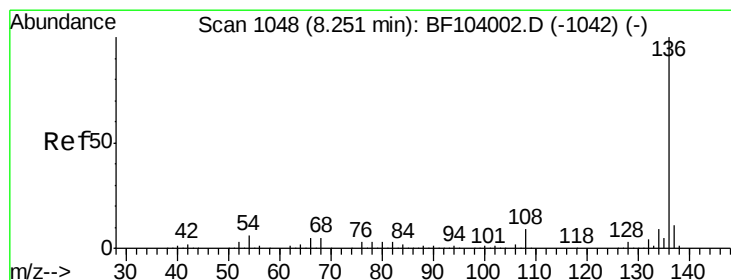
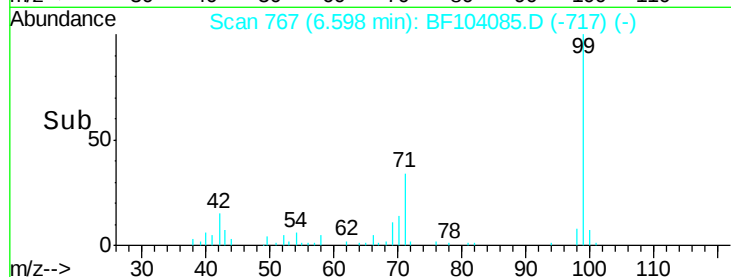
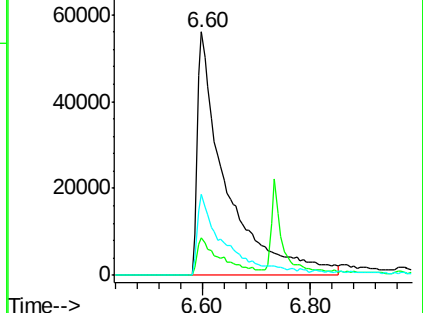
71 33.6 25.4 38.0



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# 1047

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Tgt Ion: 136 Resp: 488931

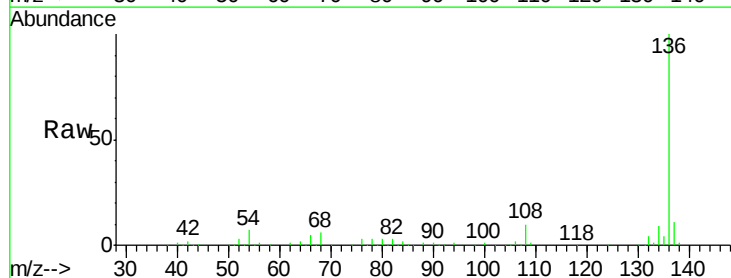
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

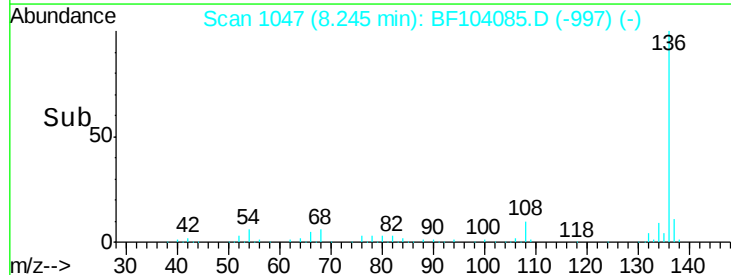
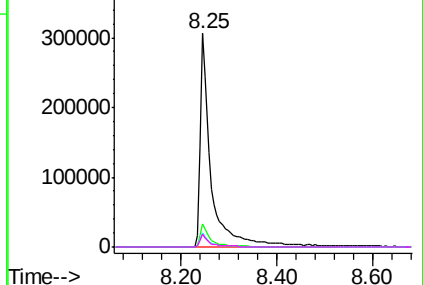


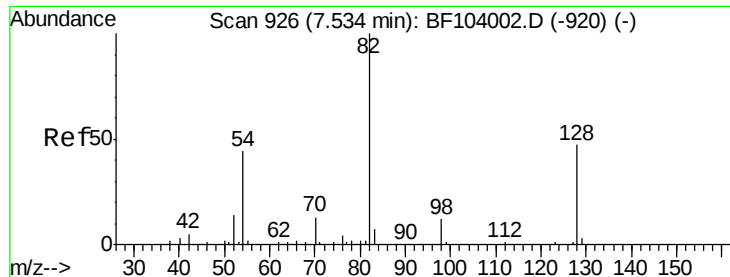
Abundance Ion 136.00 (135.70 to 136.70): E

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

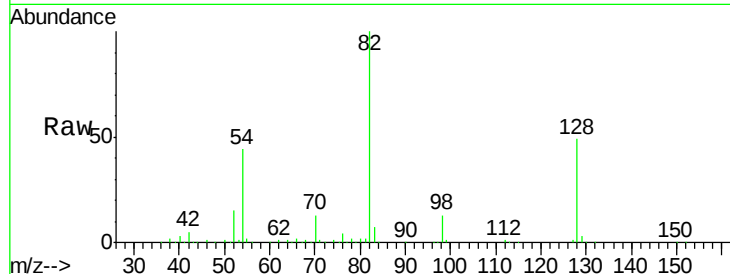




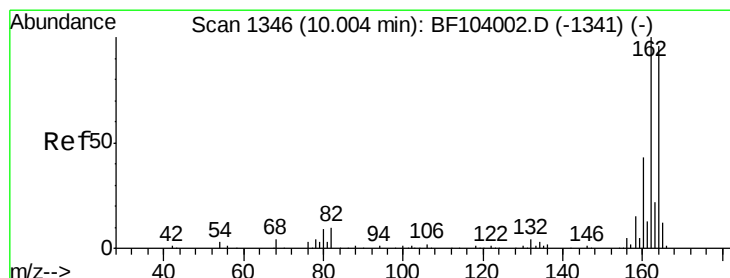
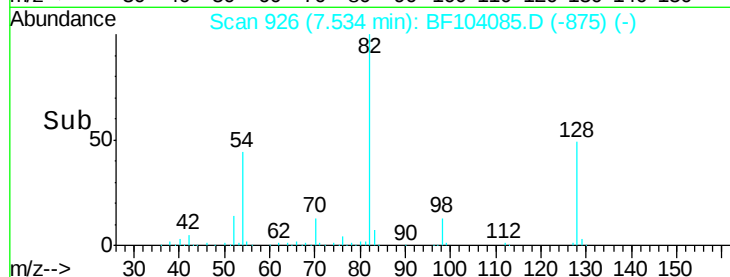
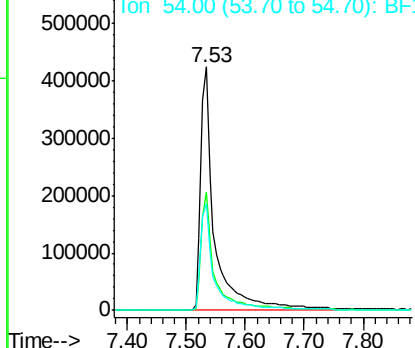
#23
Nitrobenzene-d5
Concen: 87.264 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104085.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-D-S

Tot Ion: 82 Resp: 697668
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 44.1 41.4 62.2

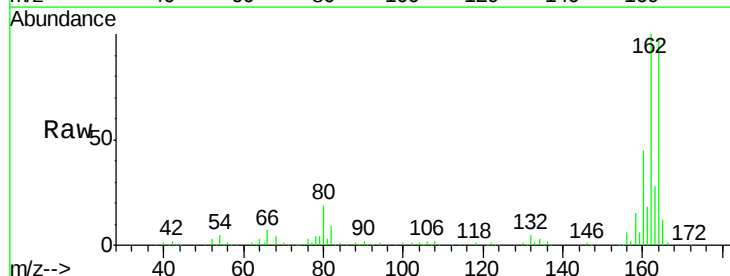


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

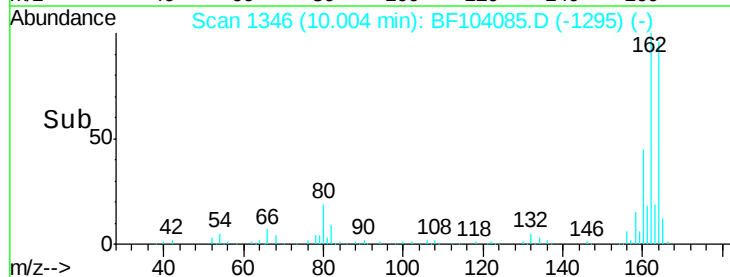
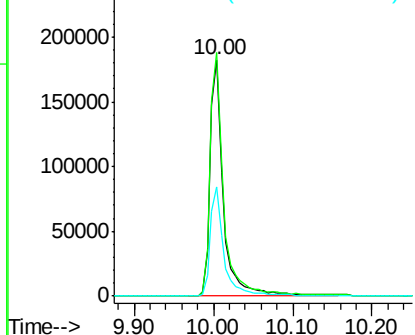


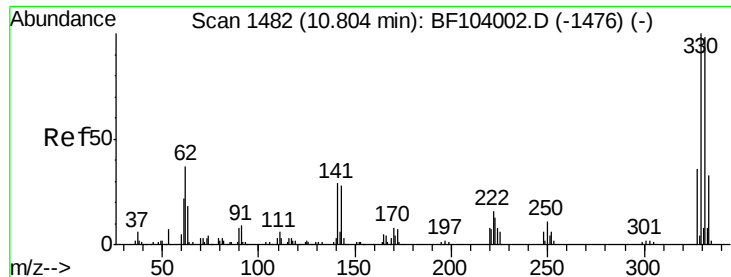
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104085.D
Acq: 30 Mar 2018 7:29

Tgt Ion:164 Resp: 213795
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.1 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: 73.742 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-D-S

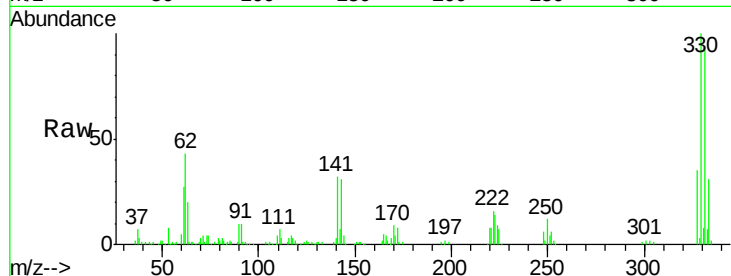
Tot Ion:330 Resp: 175551

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

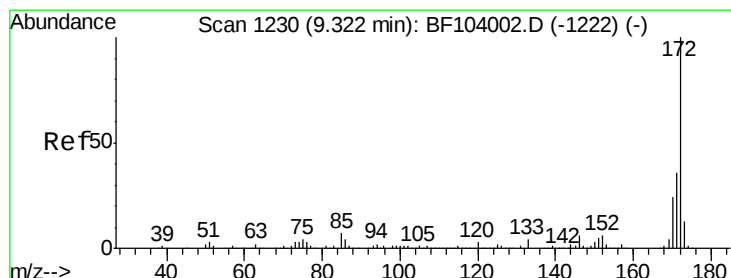
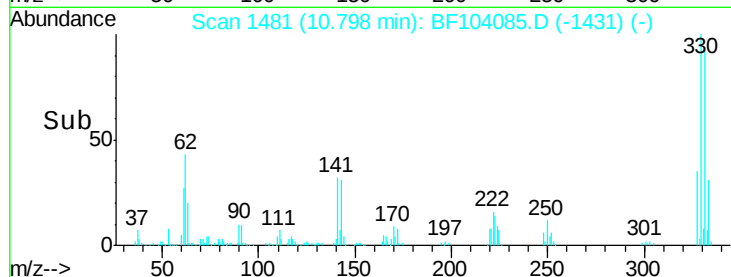
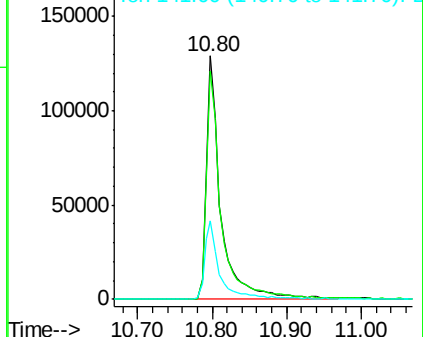
141 33.6 29.9 44.9



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: 98.151 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

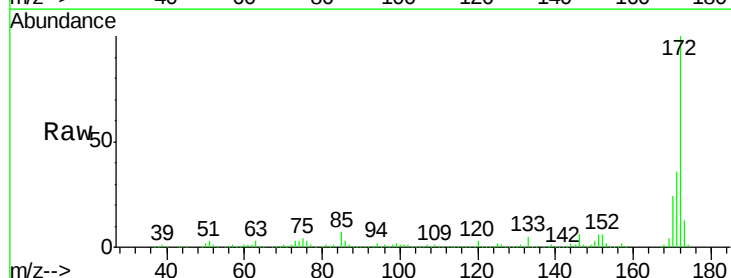
Tgt Ion:172 Resp: 1330711

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

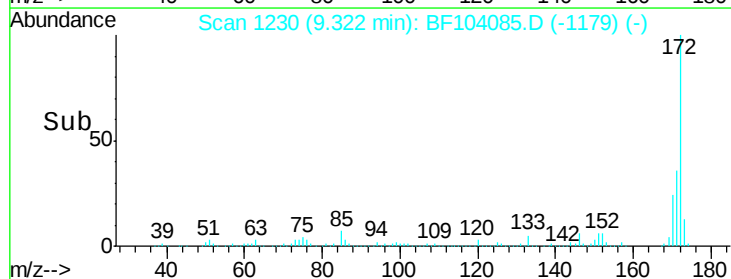
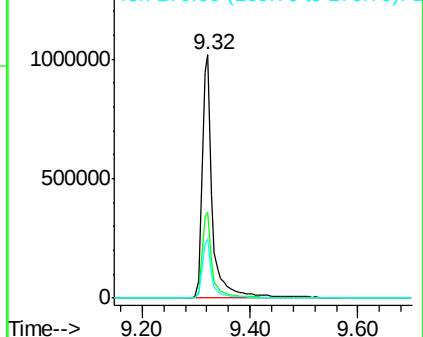
170 24.1 19.6 29.4

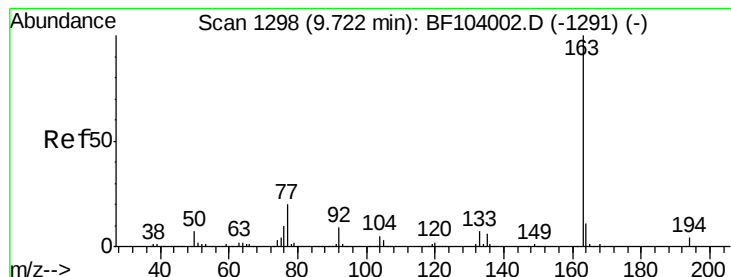


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.441 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-D-S

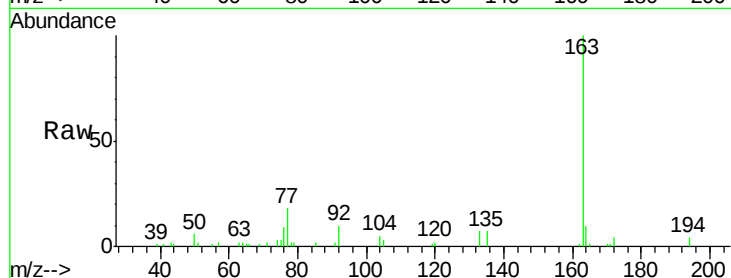
Tot Ion:163 Resp: 41201

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

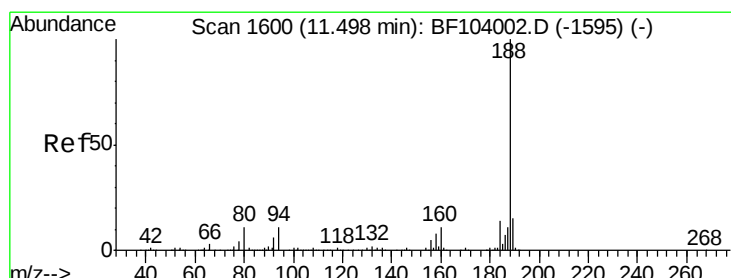
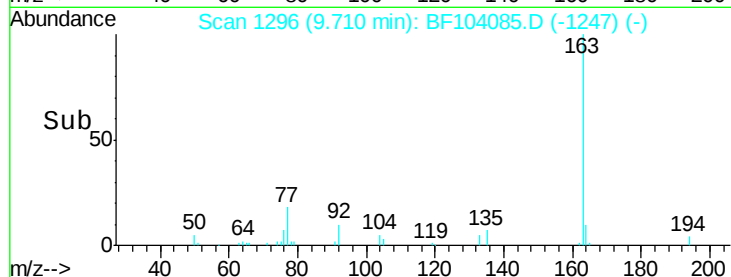
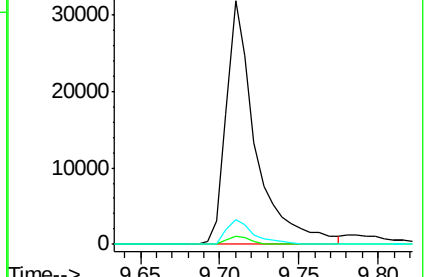
164 10.1 8.2 12.2



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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

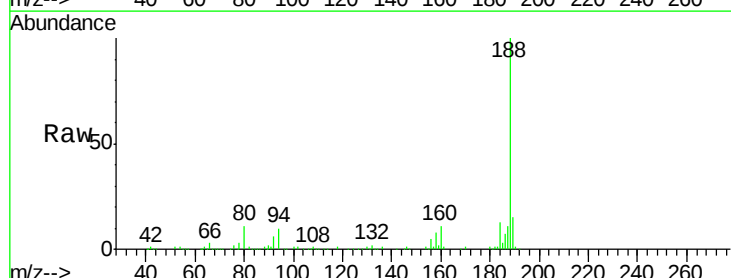
Tgt Ion:188 Resp: 346840

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

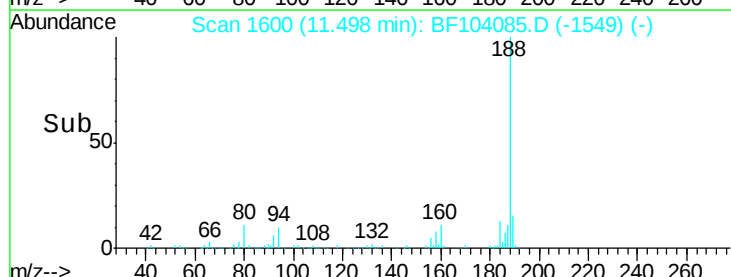
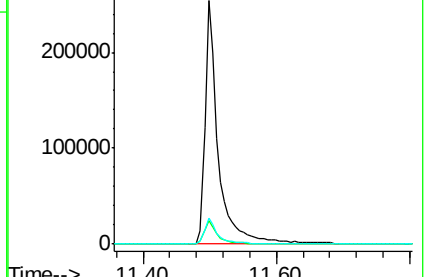
80 10.8 9.2 13.8

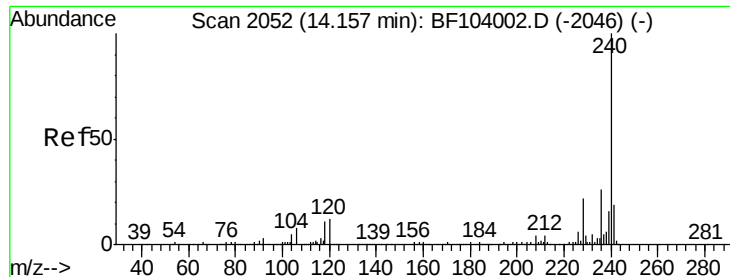


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

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ClientSampleId :

032618-TIDO-E-D-S

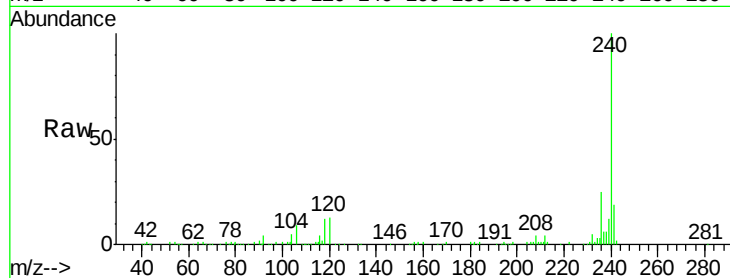
Tot Ion:240 Resp: 239771

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

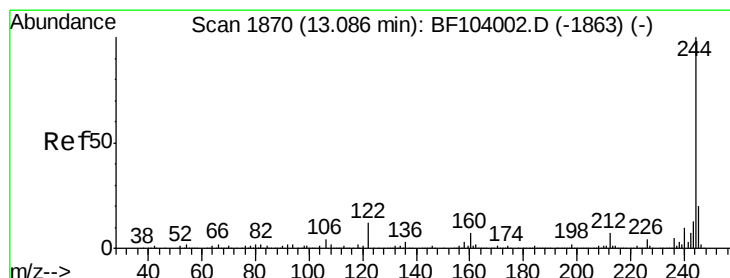
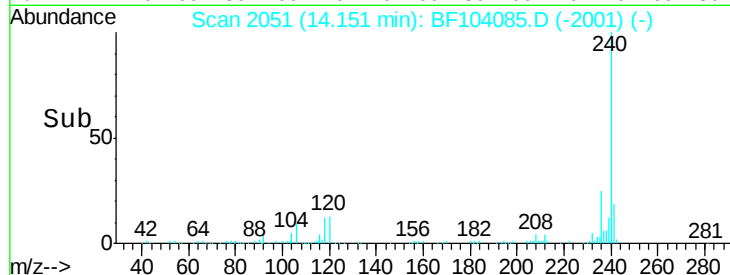
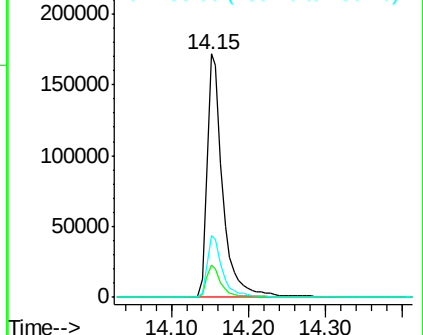
236 25.3 20.7 31.1



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: 89.785 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

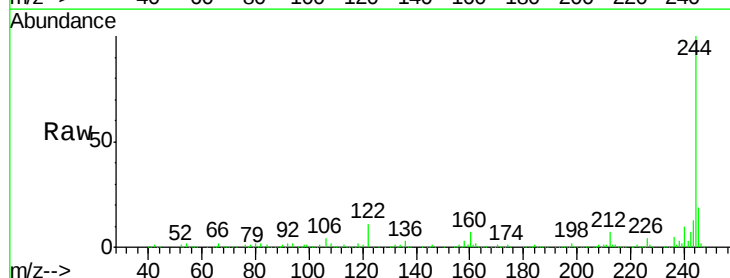
Tgt Ion:244 Resp: 932367

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

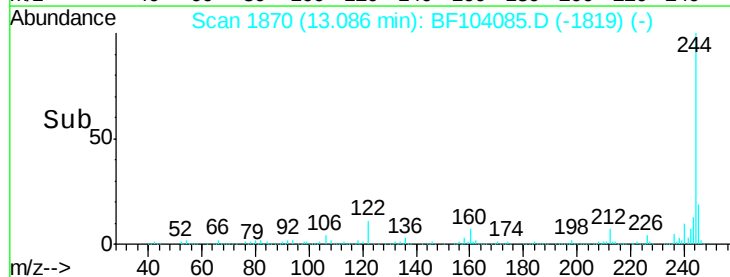
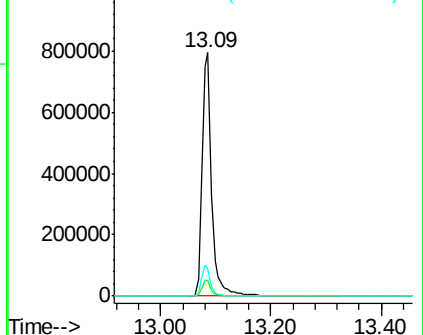
122 11.1 11.0 16.4

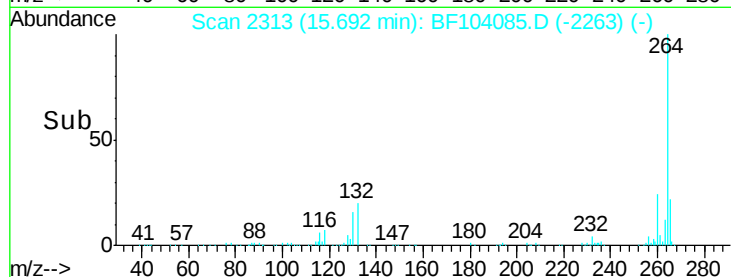
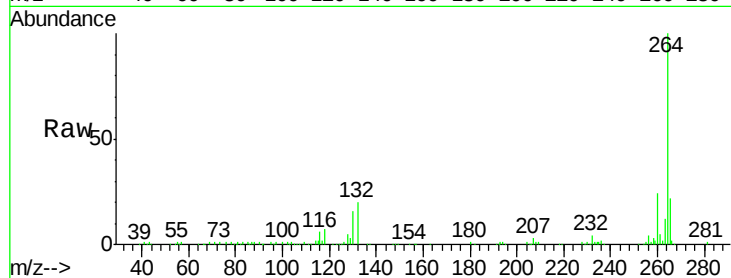
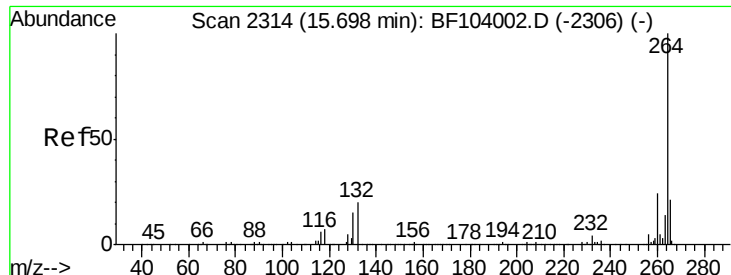


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Instrument :
 BNA_F
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 032618-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3

