

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104932.D
 Acq On : 30 Apr 2018 15:00
 Operator : JU/SJ
 Sample : J2522-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-S-1DL

Quant Time: Apr 30 18:34:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

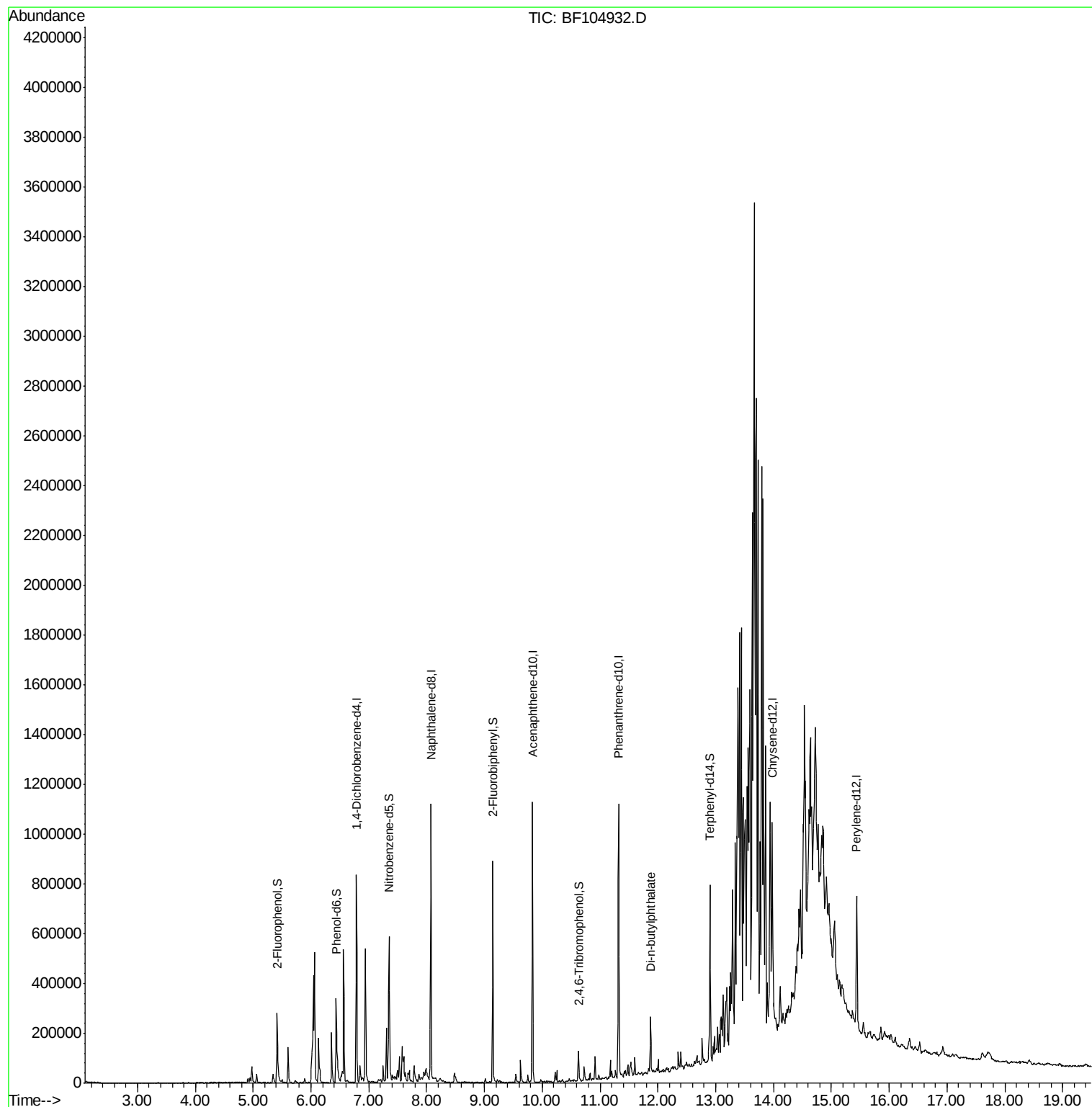
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118964	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	486888	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	224370	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	389298	20.00	ng	0.00
75) Chrysene-d12	13.97	240	236862	20.00	ng	0.00
86) Perylene-d12	15.44	264	223067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	119997	15.42	ng	0.00
7) Phenol-d6	6.43	99	188751	19.75	ng	0.00
23) Nitrobenzene-d5	7.35	82	120132	16.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	13162	5.66	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	255368	17.98	ng	-0.01
78) Terphenyl-d14	12.90	244	212774	20.48	ng	-0.01
Target Compounds						
73) Di-n-butylphthalate	11.87	149	109456	4.161	ng	99

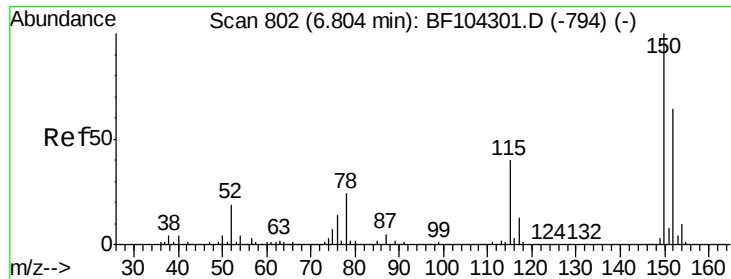
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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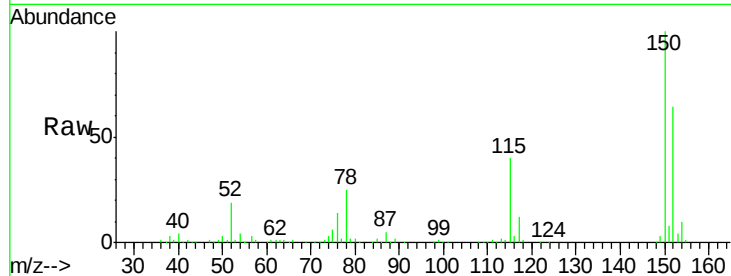


#1

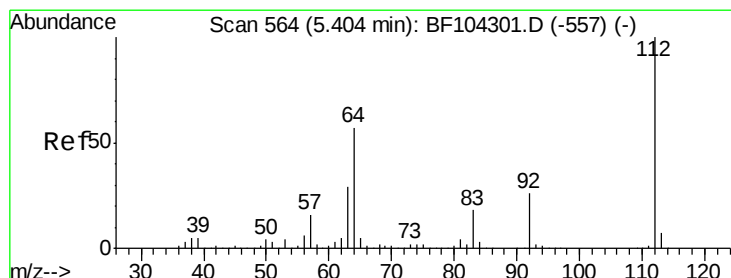
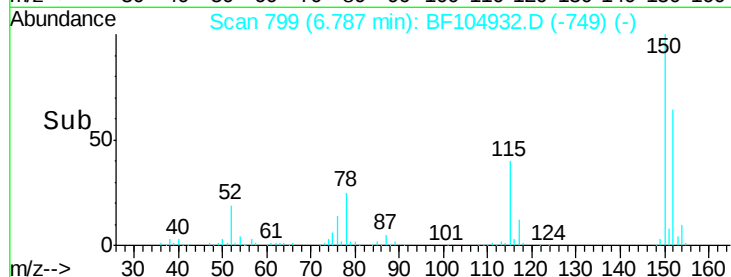
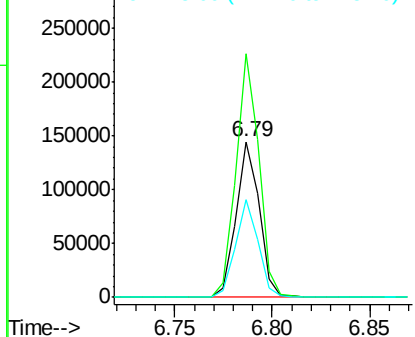
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104932.D
Acq: 30 Apr 2018 15:00

Instrument :
BNA_F
ClientSampleId :
CO-S-1DL

Tot Ion:152 Resp: 118964
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 62.8 50.1 75.1



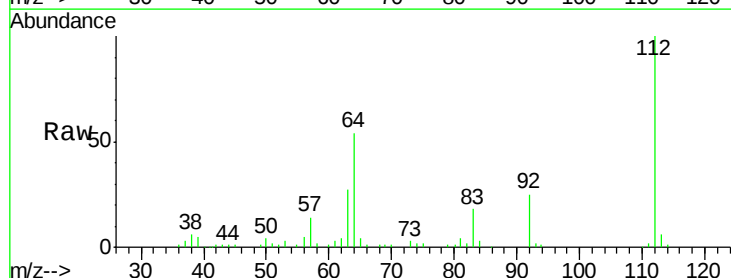
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



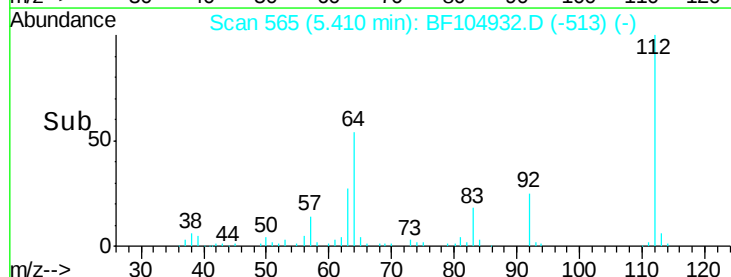
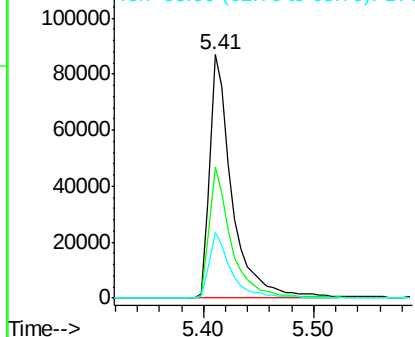
#5

2-Fluorophenol
Concen: 15.423 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104932.D
Acq: 30 Apr 2018 15:00

Tgt Ion:112 Resp: 119997
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.8 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: 19.745 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104932.D

Acq: 30 Apr 2018 15:00

Instrument :

BNA_F

ClientSampleId :

CO-S-1DL

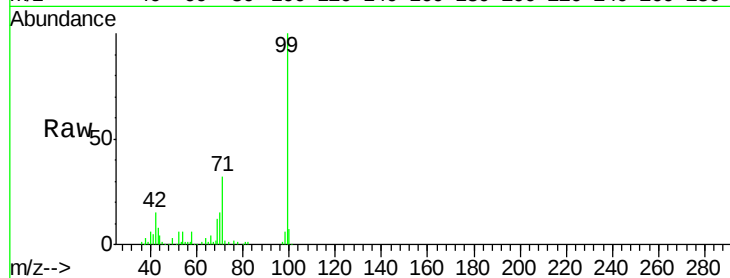
Tot Ion: 99 Resp: 188751

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

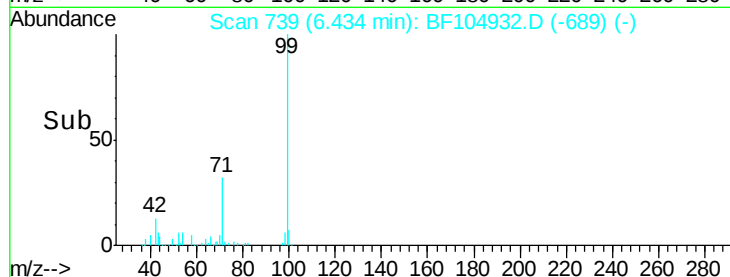
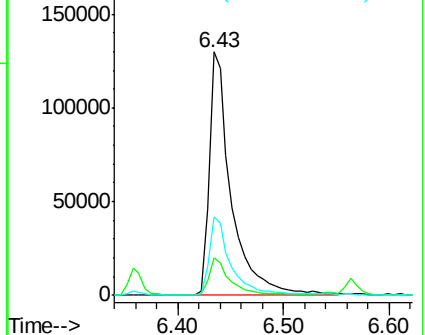
71 32.4 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104932.D

Acq: 30 Apr 2018 15:00

Tgt Ion: 136 Resp: 486888

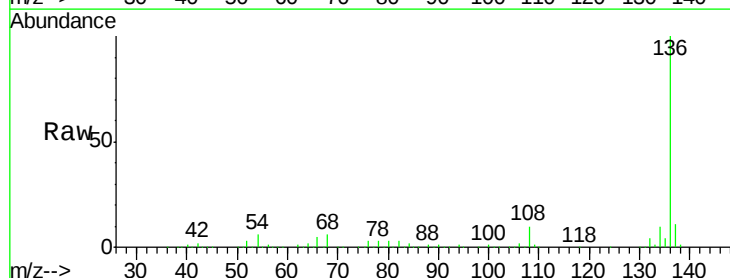
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.6 5.0 7.4

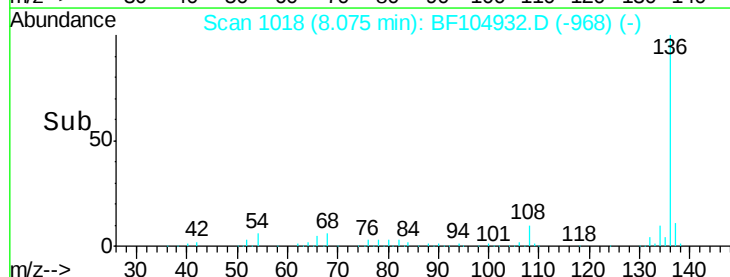
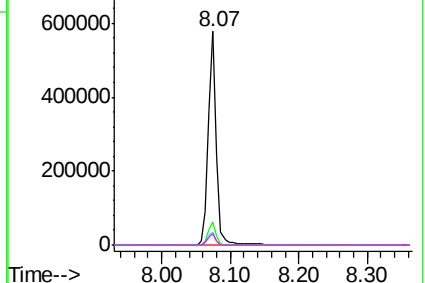


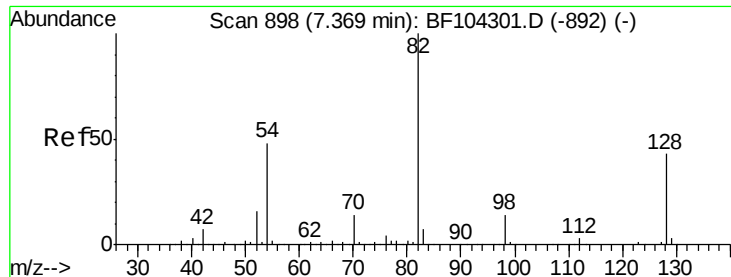
Abundance Ion 136.00 (135.70 to 136.70): E

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

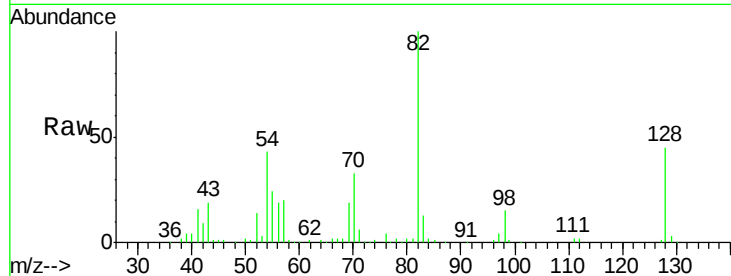




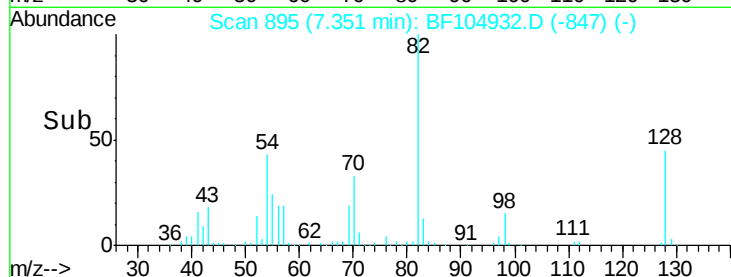
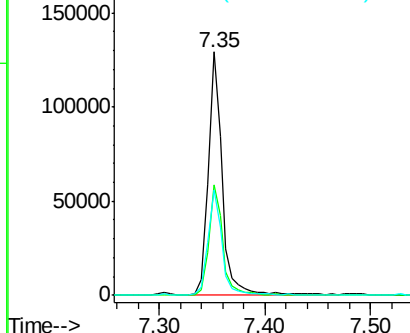
#23
Nitrobenzene-d5
Concen: 16.111 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF104932.D
Acq: 30 Apr 2018 15:00

Instrument :
BNA_F
ClientSampleId :
CO-S-1DL

Tot Ion: 82 Resp: 120132
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 43.4 41.4 62.2

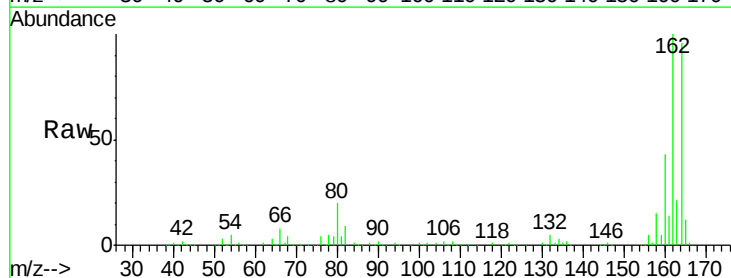


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

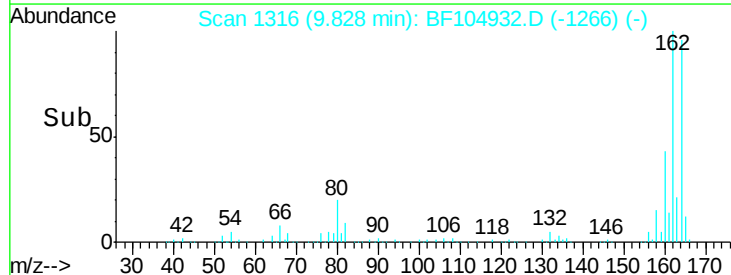
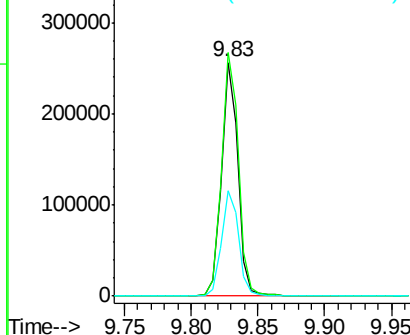


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104932.D
Acq: 30 Apr 2018 15:00

Tgt Ion:164 Resp: 224370
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.2 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

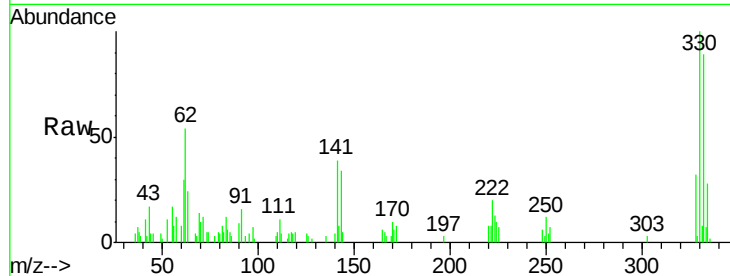




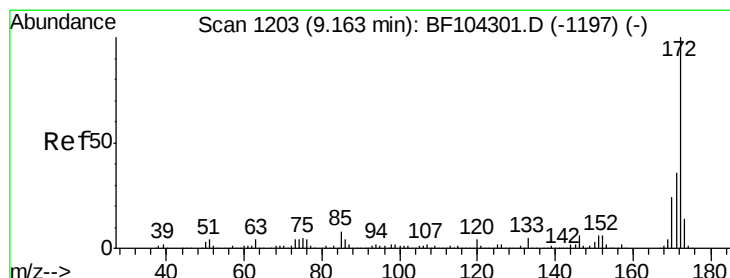
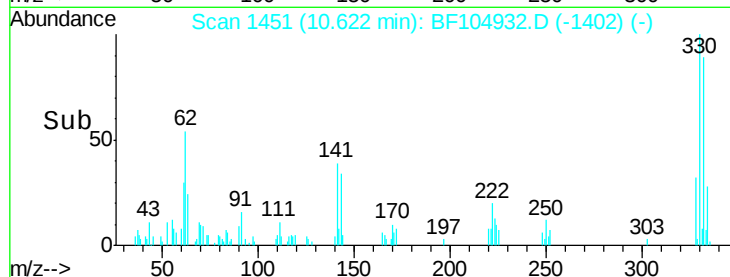
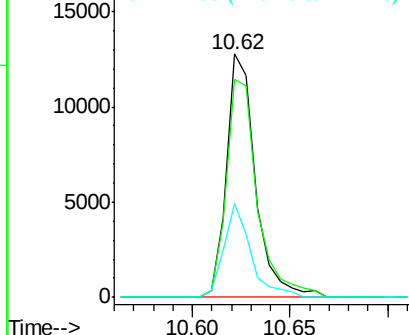
#41
 2,4,6-Tribromophenol
 Concen: 5.655 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104932.D
 Acq: 30 Apr 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CO-S-1DL

Tot Ion:330 Resp: 13162
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 35.9 29.9 44.9

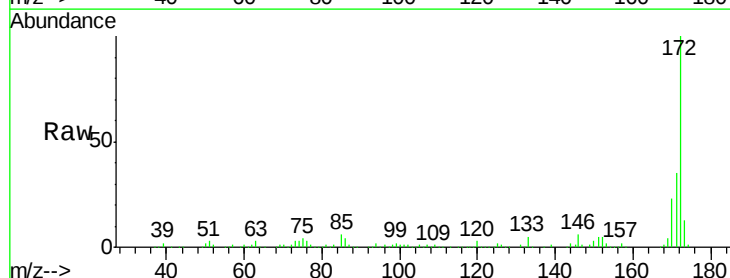


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

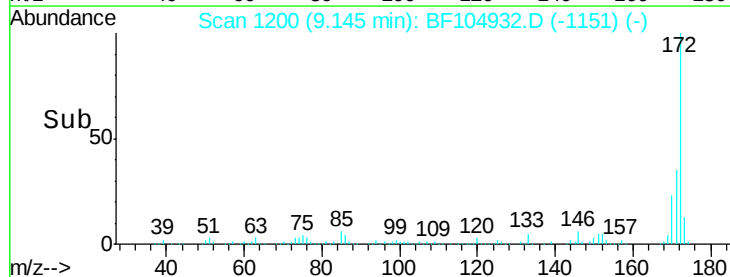
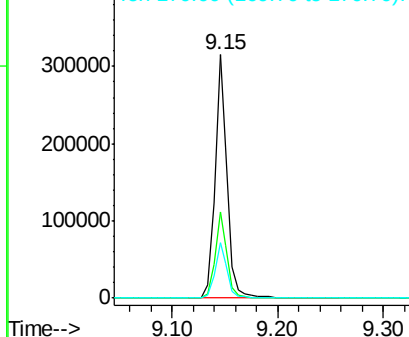


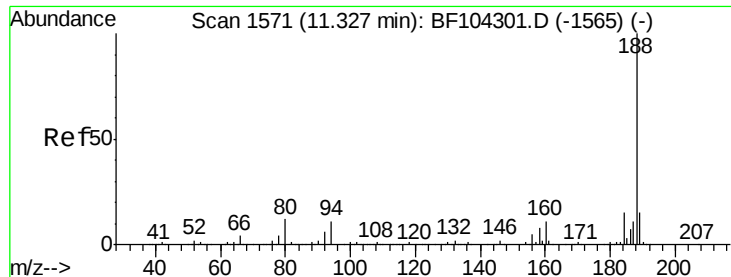
#44
 2-Fluorobiphenyl
 Concen: 17.980 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104932.D
 Acq: 30 Apr 2018 15:00

Tgt Ion:172 Resp: 255368
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.6 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF104932.D

Acq: 30 Apr 2018 15:00

Instrument :

BNA_F

ClientSampleId :

CO-S-1DL

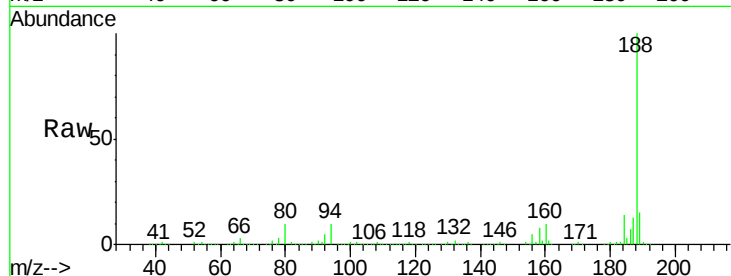
Tot Ion:188 Resp: 389298

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

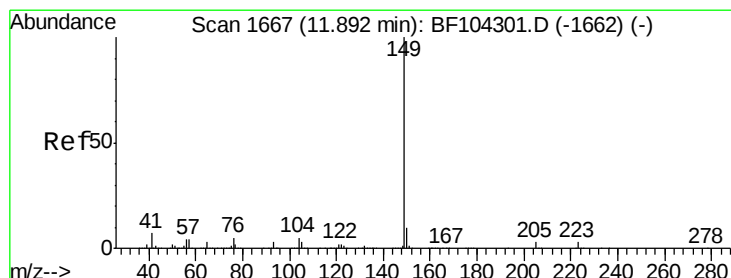
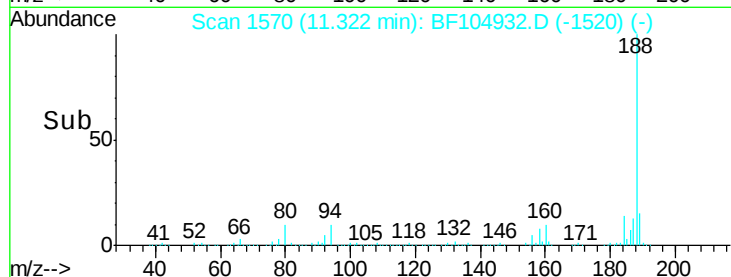
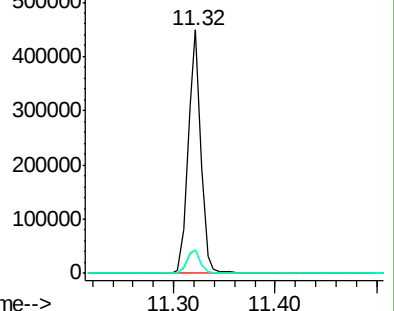
80 9.8 9.2 13.8



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



#73

Di-n-butylphthalate

Concen: 4.161 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF104932.D

Acq: 30 Apr 2018 15:00

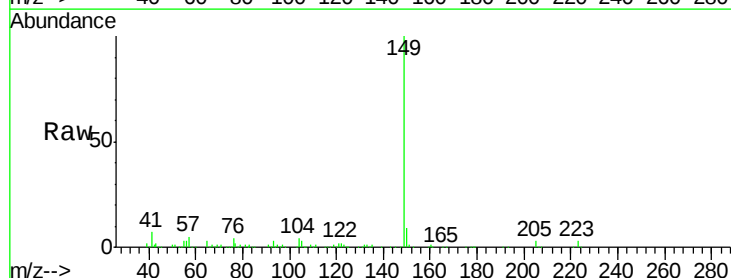
Tgt Ion:149 Resp: 109456

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

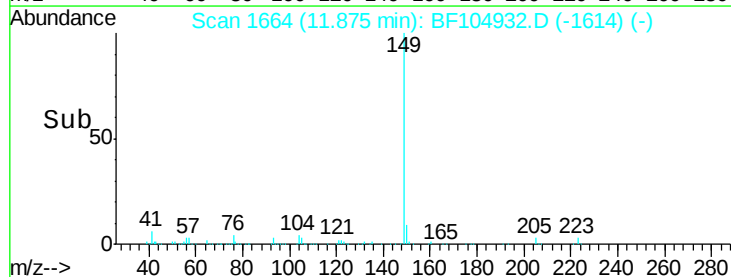
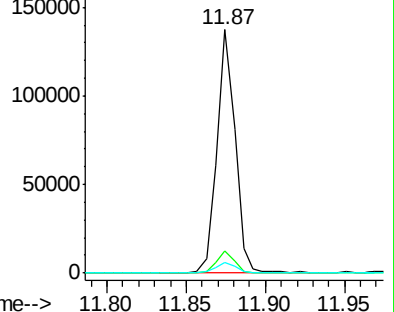
104 4.3 3.8 5.8

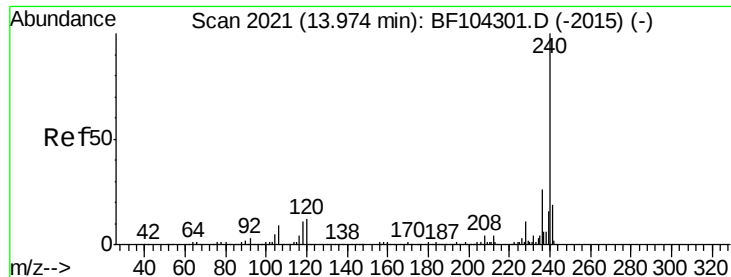


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104932.D

Acq: 30 Apr 2018 15:00

Instrument :

BNA_F

ClientSampleId :

CO-S-1DL

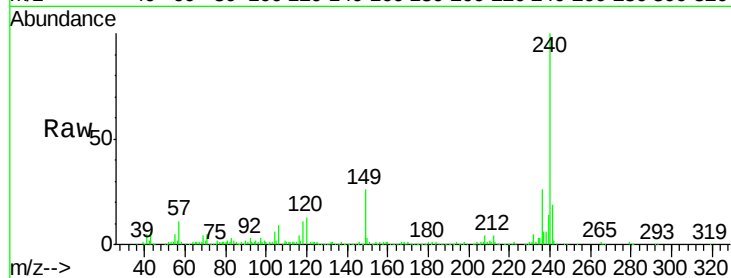
Tot Ion:240 Resp: 236862

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

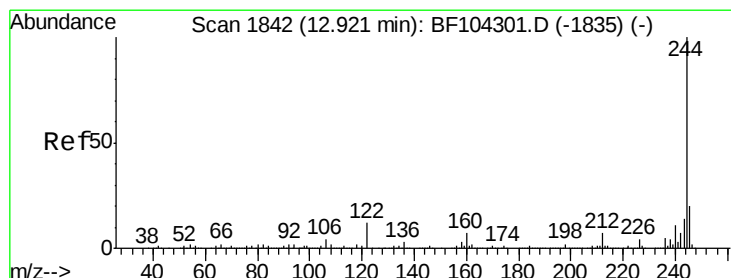
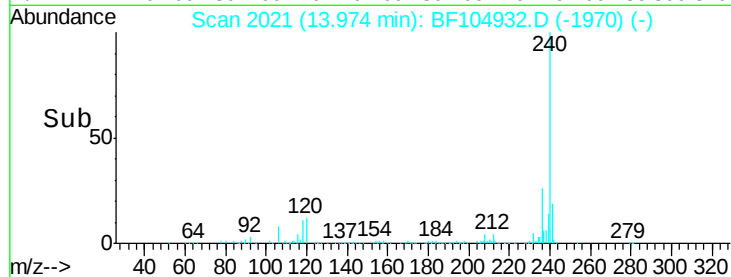
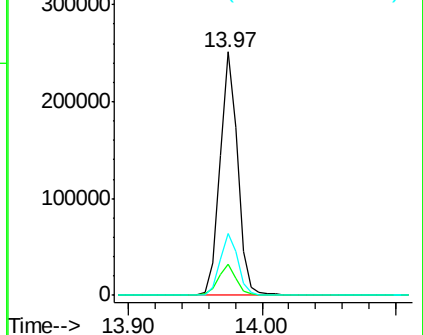
236 25.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 20.480 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104932.D

Acq: 30 Apr 2018 15:00

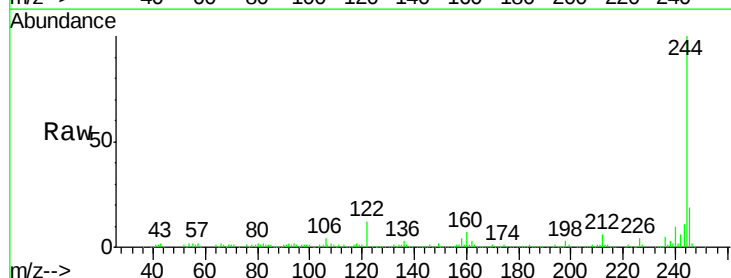
Tgt Ion:244 Resp: 212774

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

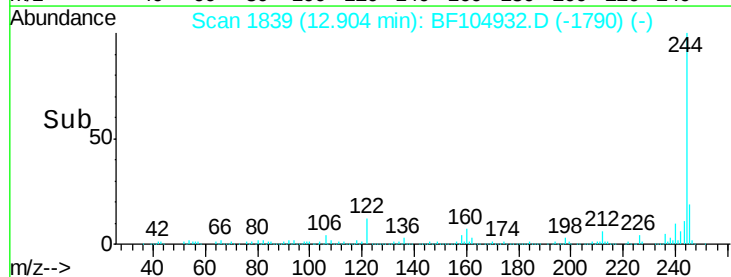
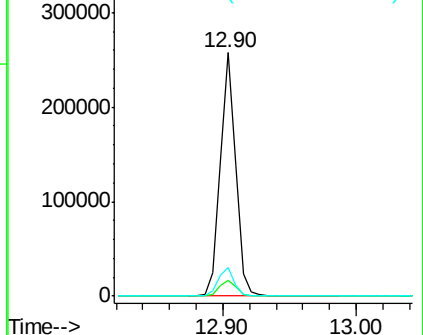
122 11.6 11.0 16.4

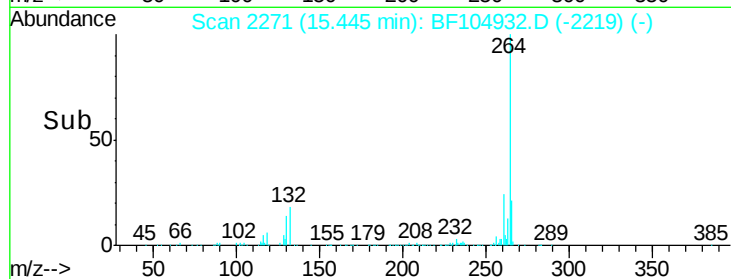
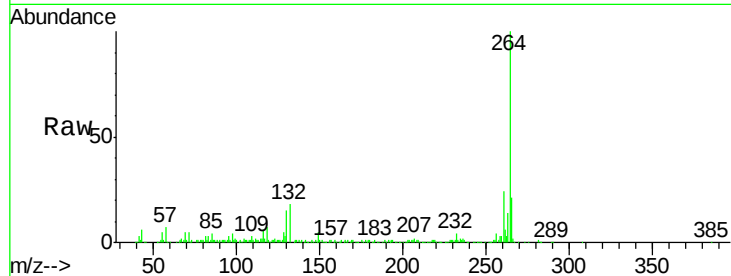
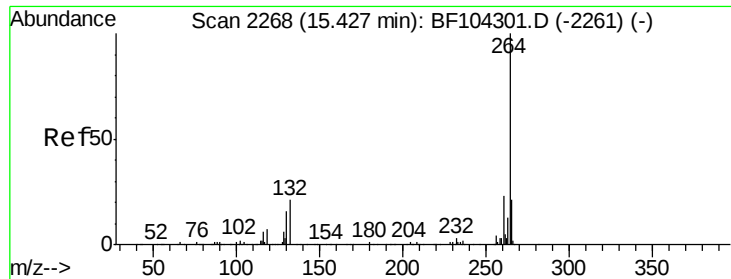


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF104932.D
 Acq: 30 Apr 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CO-S-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3

