

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104854.D
 Acq On : 26 Apr 2018 22:54
 Operator : JU/SJ
 Sample : J2582-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-022

Quant Time: Apr 27 12:49:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

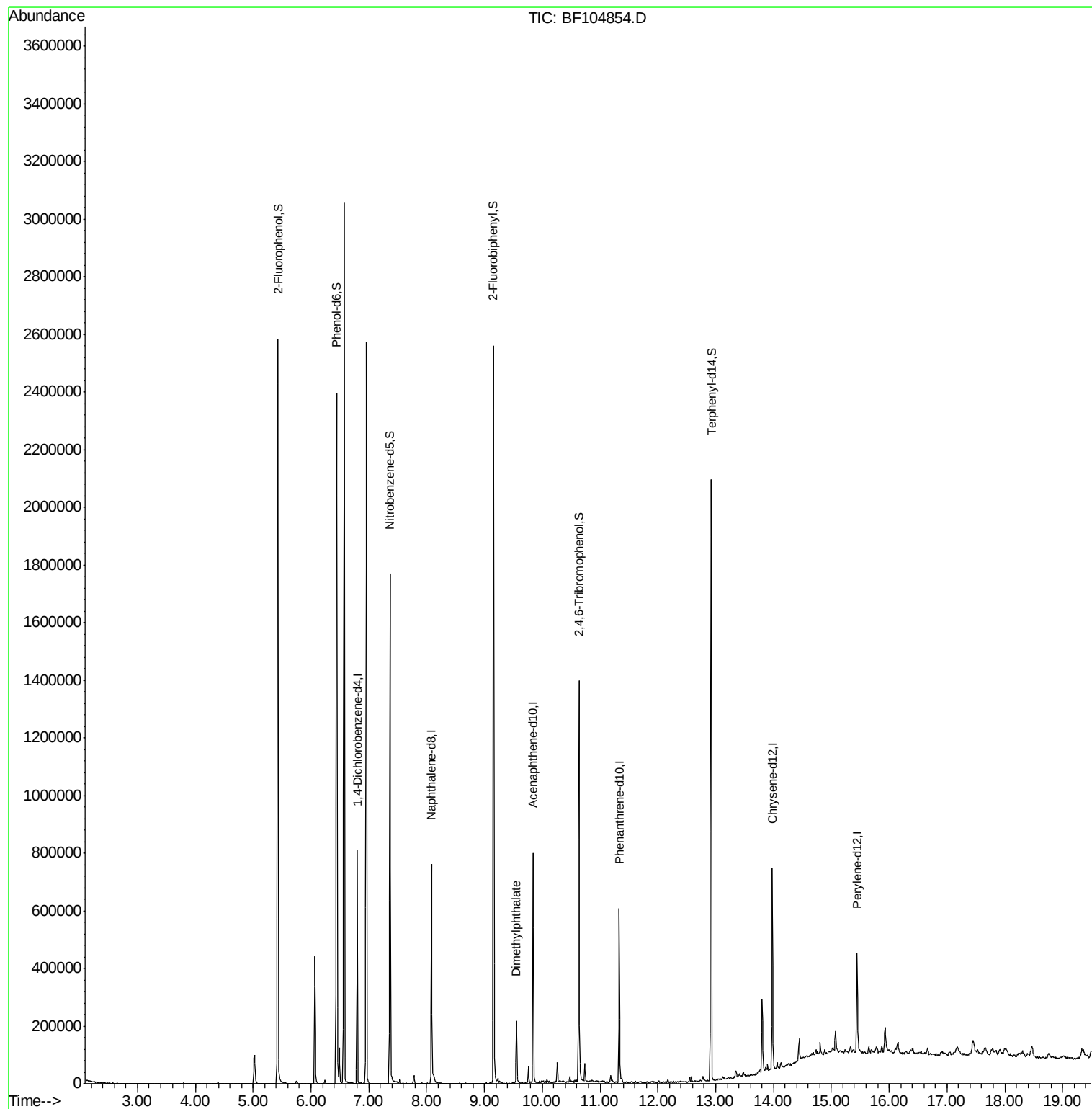
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111079	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	414960	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	155097	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	243806	20.00	ng	0.00
75) Chrysene-d12	13.98	240	229906	20.00	ng	0.00
86) Perylene-d12	15.44	264	155028	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	875008	120.45	ng	0.01
7) Phenol-d6	6.45	99	1037356	116.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	613676	96.57	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	179233	111.40	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	862145	87.81	ng	0.00
78) Terphenyl-d14	12.92	244	725700	71.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	94183	7.701	ng	Qvalue # 98

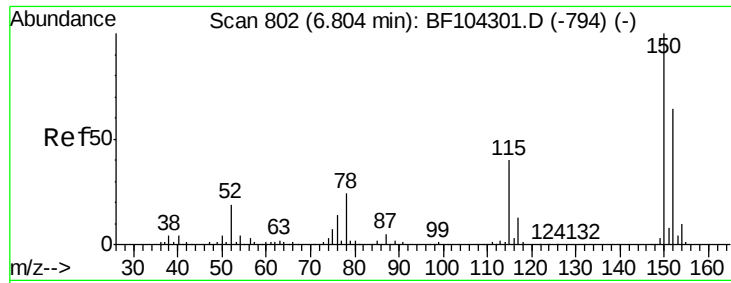
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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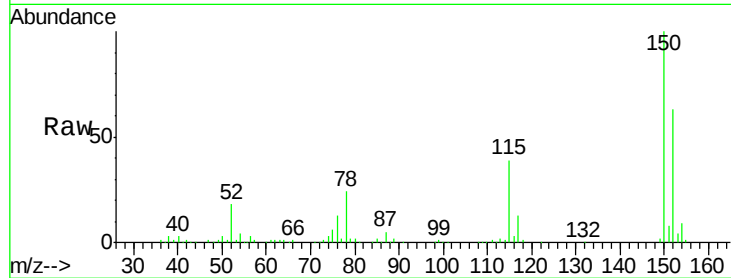


#1

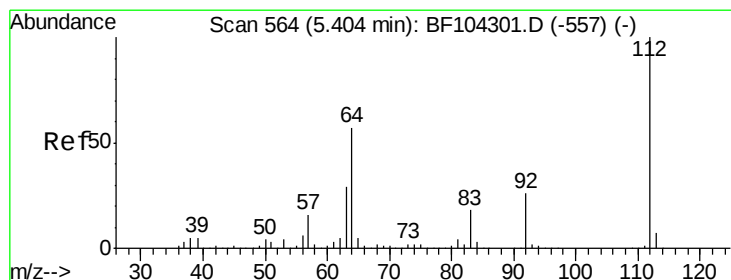
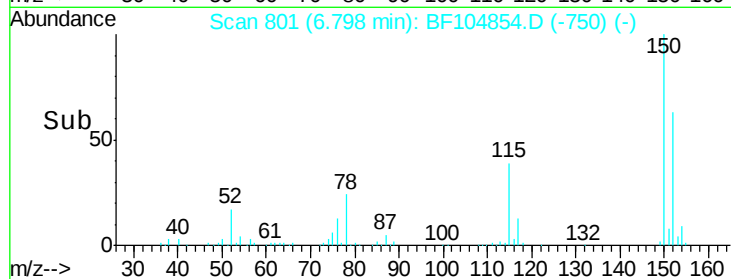
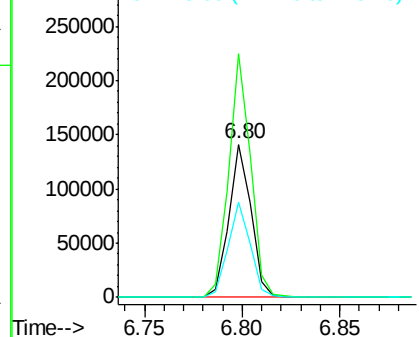
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-022

Tot Ion:152 Resp: 111079
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.9 50.1 75.1



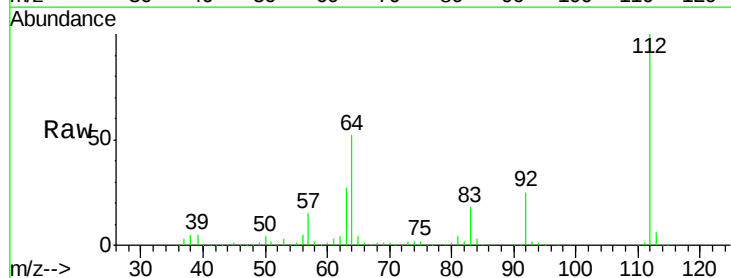
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



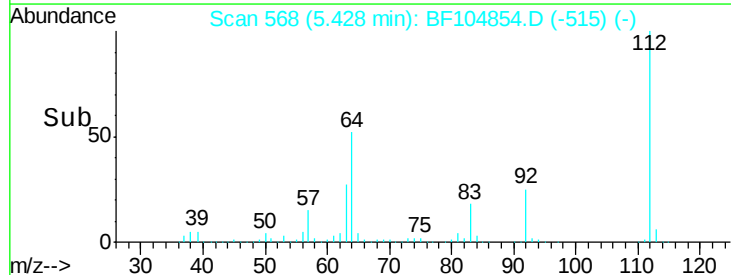
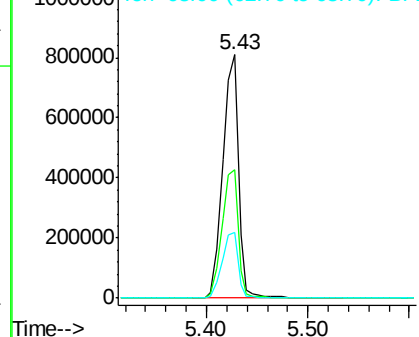
#5

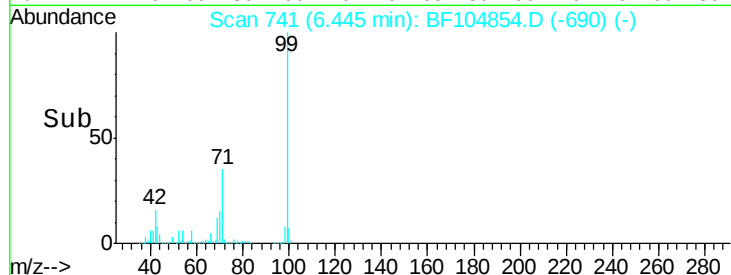
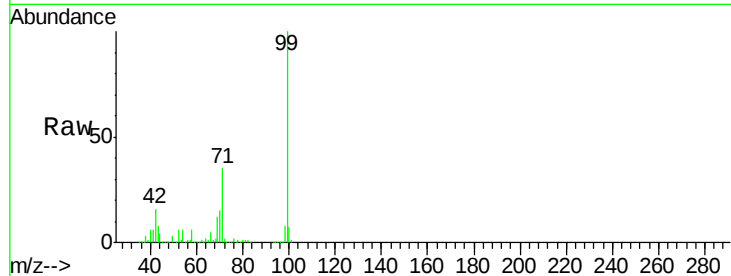
2-Fluorophenol
Concen: 120.449 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Tgt Ion:112 Resp: 875008
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 27.0 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: 116.220 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-022

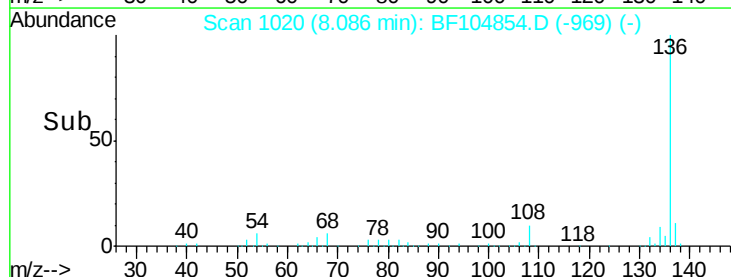
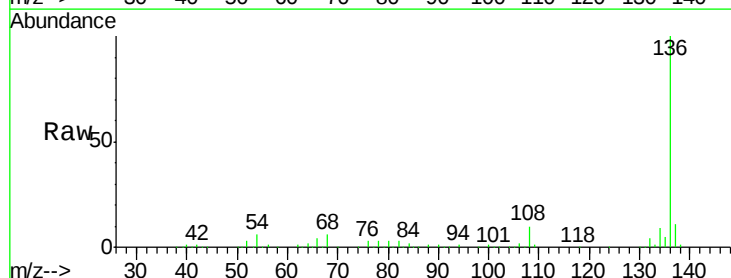
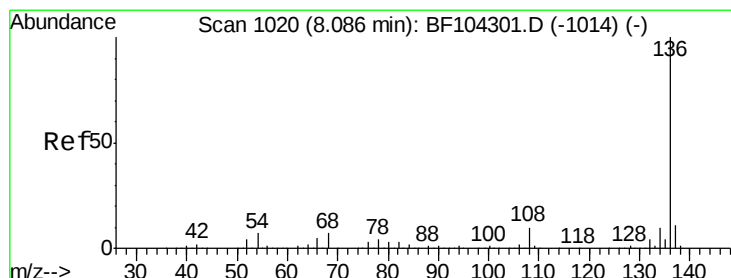
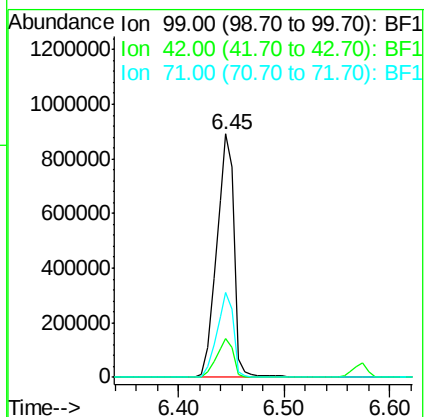
Tot Ion: 99 Resp: 1037356

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Tgt Ion: 136 Resp: 414960

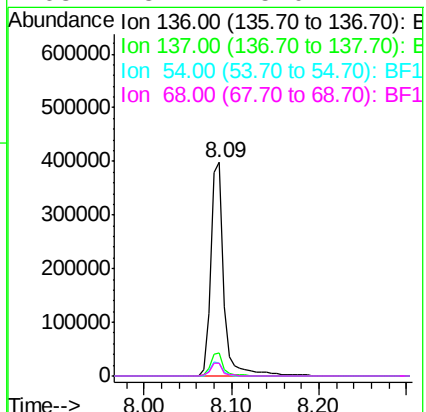
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.9 6.6 9.8#

68 5.7 5.0 7.4

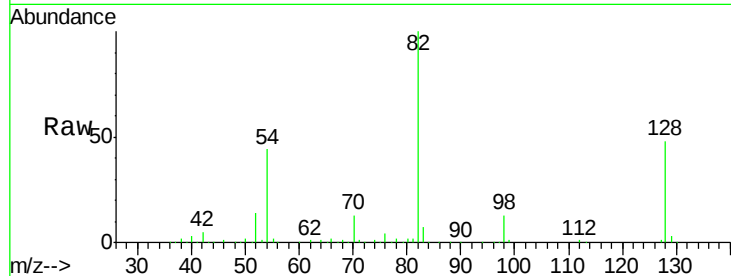




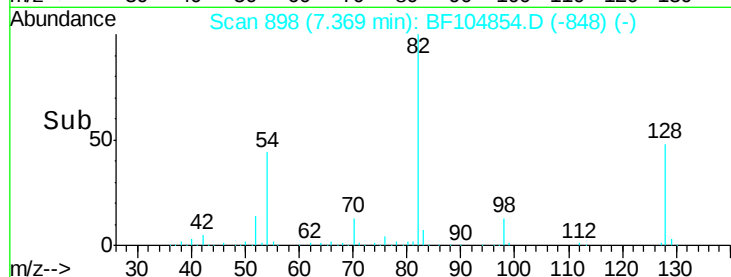
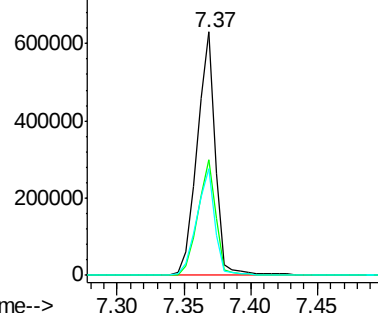
#23
 Nitrobenzene-d5
 Concen: 96.568 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-022

Tot Ion: 82 Resp: 613676
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 43.9 41.4 62.2

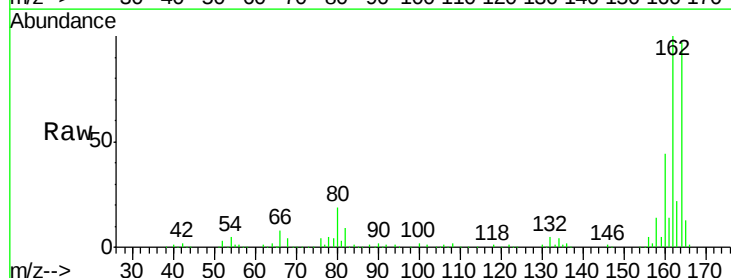


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

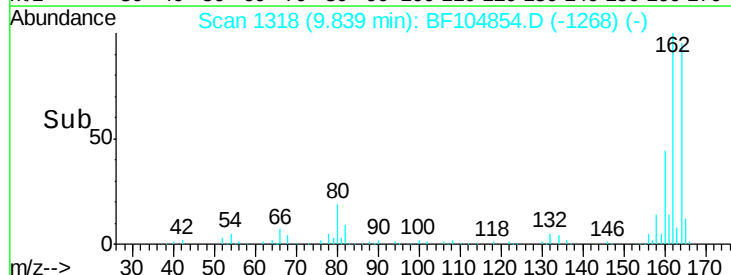
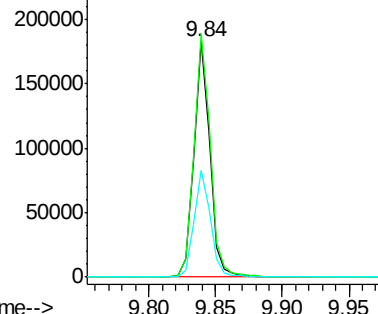


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Tgt Ion: 164 Resp: 155097
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.4 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

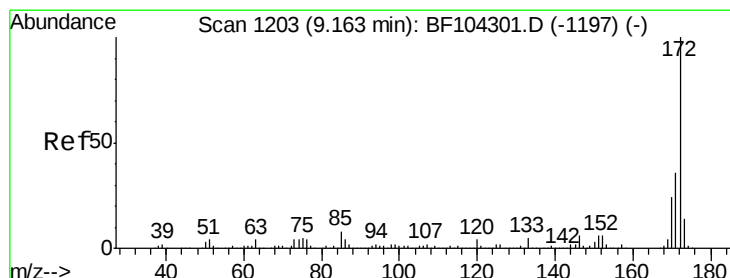
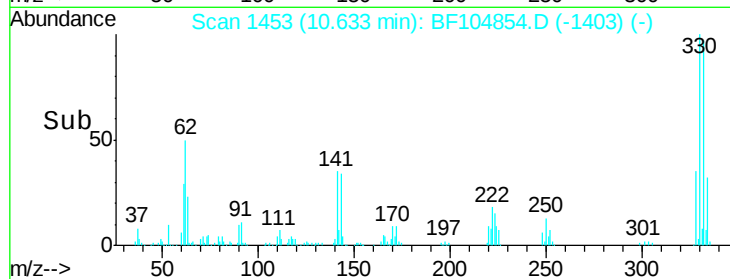
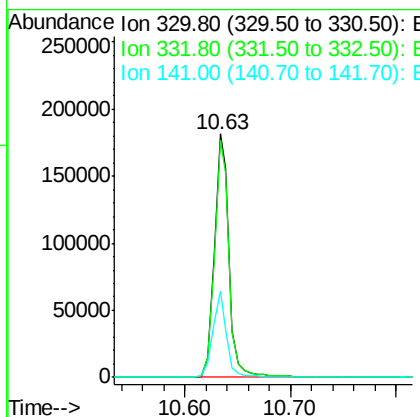
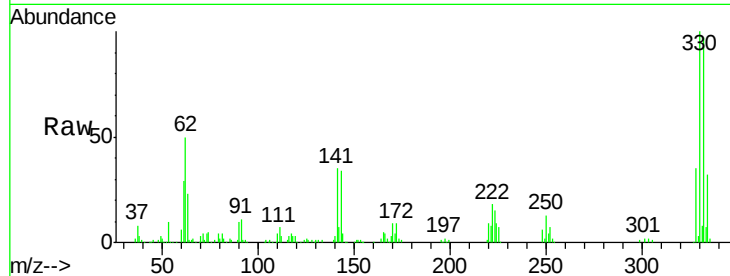




#41
 2,4,6-Tribromophenol
 Concen: 111.403 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

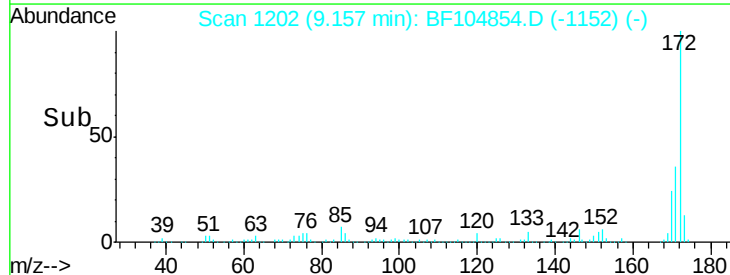
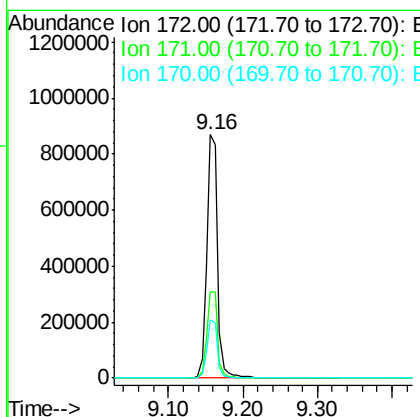
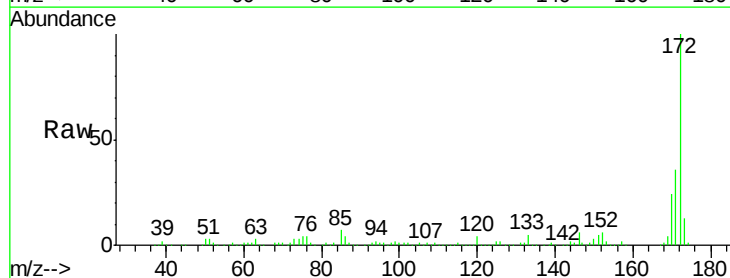
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-022

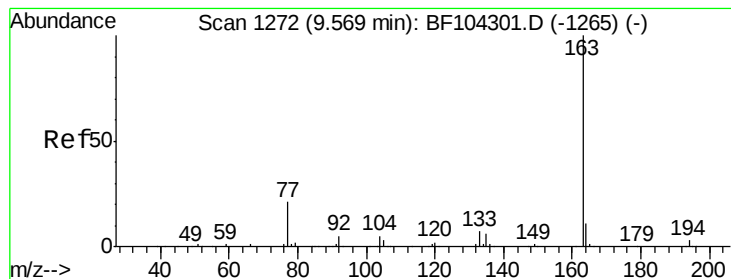
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.814 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 7.701 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-022

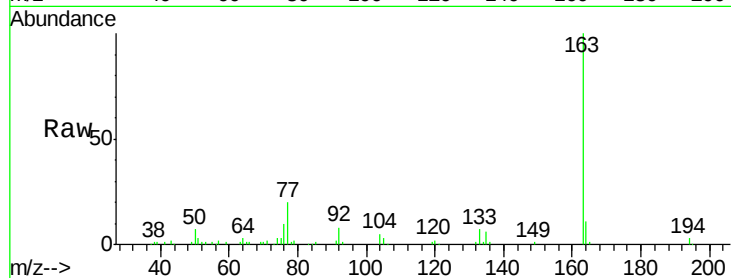
Tot Ion:163 Resp: 94183

Ion Ratio Lower Upper

163 100

194 2.7 2.7 4.1#

164 10.8 8.2 12.2

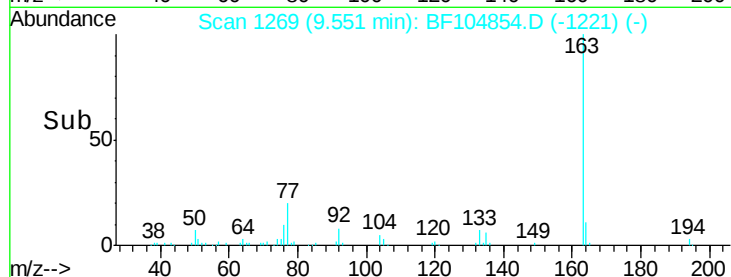


Abundance Ion 163.00 (162.70 to 163.70): E

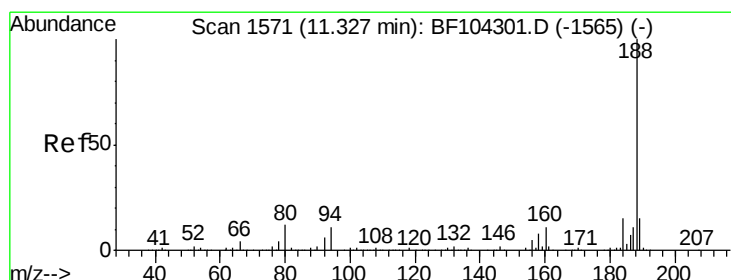
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

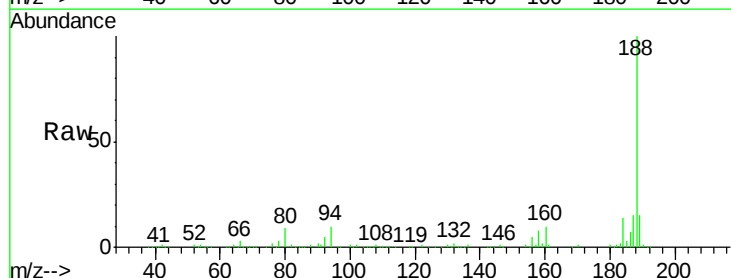
Tgt Ion:188 Resp: 243806

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

80 9.4 9.2 13.8

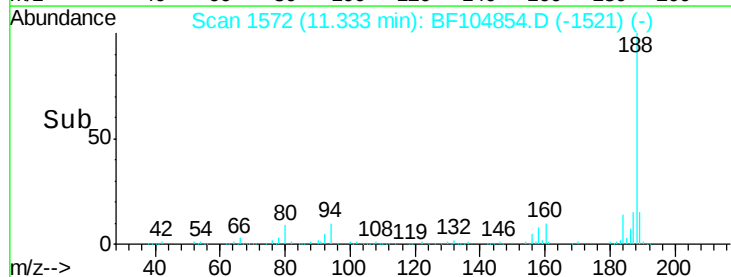


Abundance Ion 188.00 (187.70 to 188.70): E

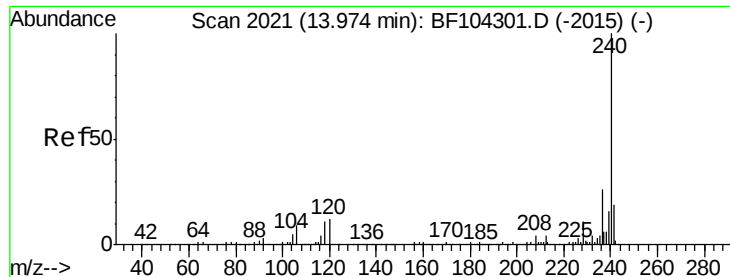
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-022

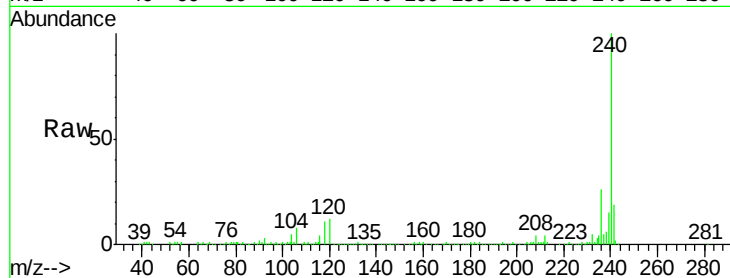
Tot Ion:240 Resp: 229906

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

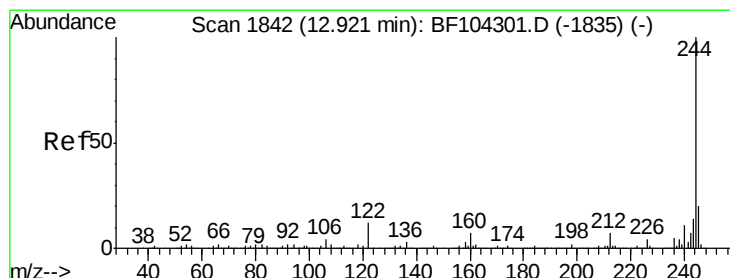
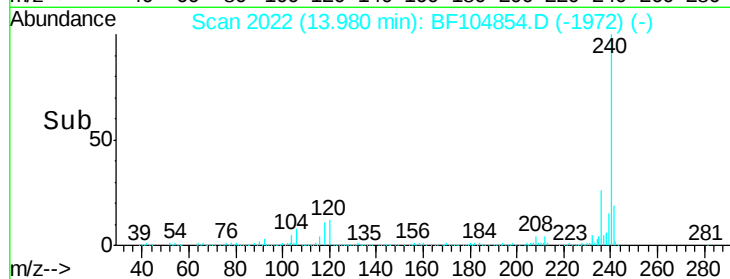
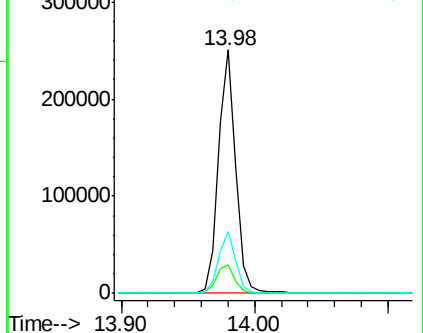
236 25.7 20.7 31.1



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: 71.963 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

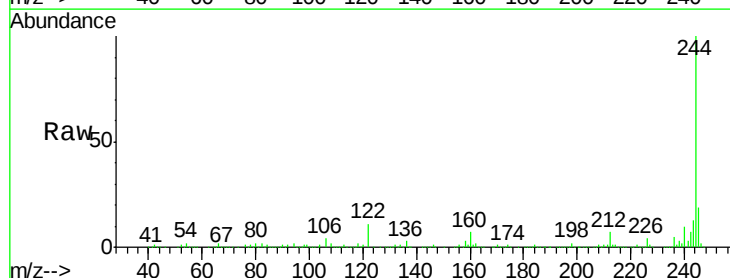
Tgt Ion:244 Resp: 725700

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

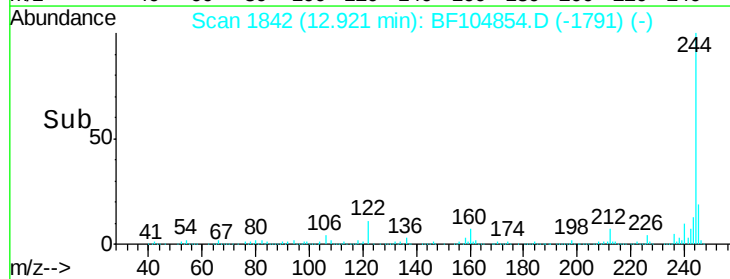
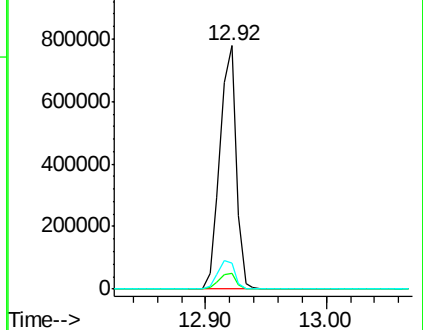
122 10.9 11.0 16.4

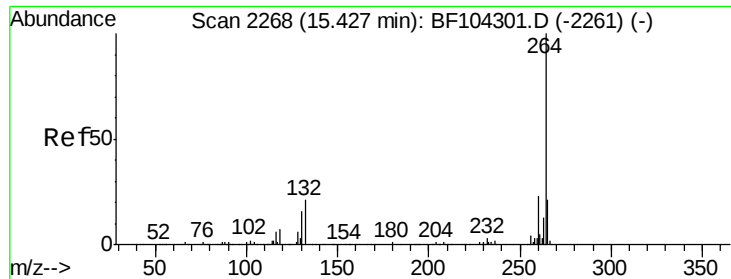


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-022

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	17.5	26.3

