

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104740.D
 Acq On : 24 Apr 2018 6:58
 Operator : JU/SJ
 Sample : J2503-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT25773

Quant Time: Apr 24 08:45:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

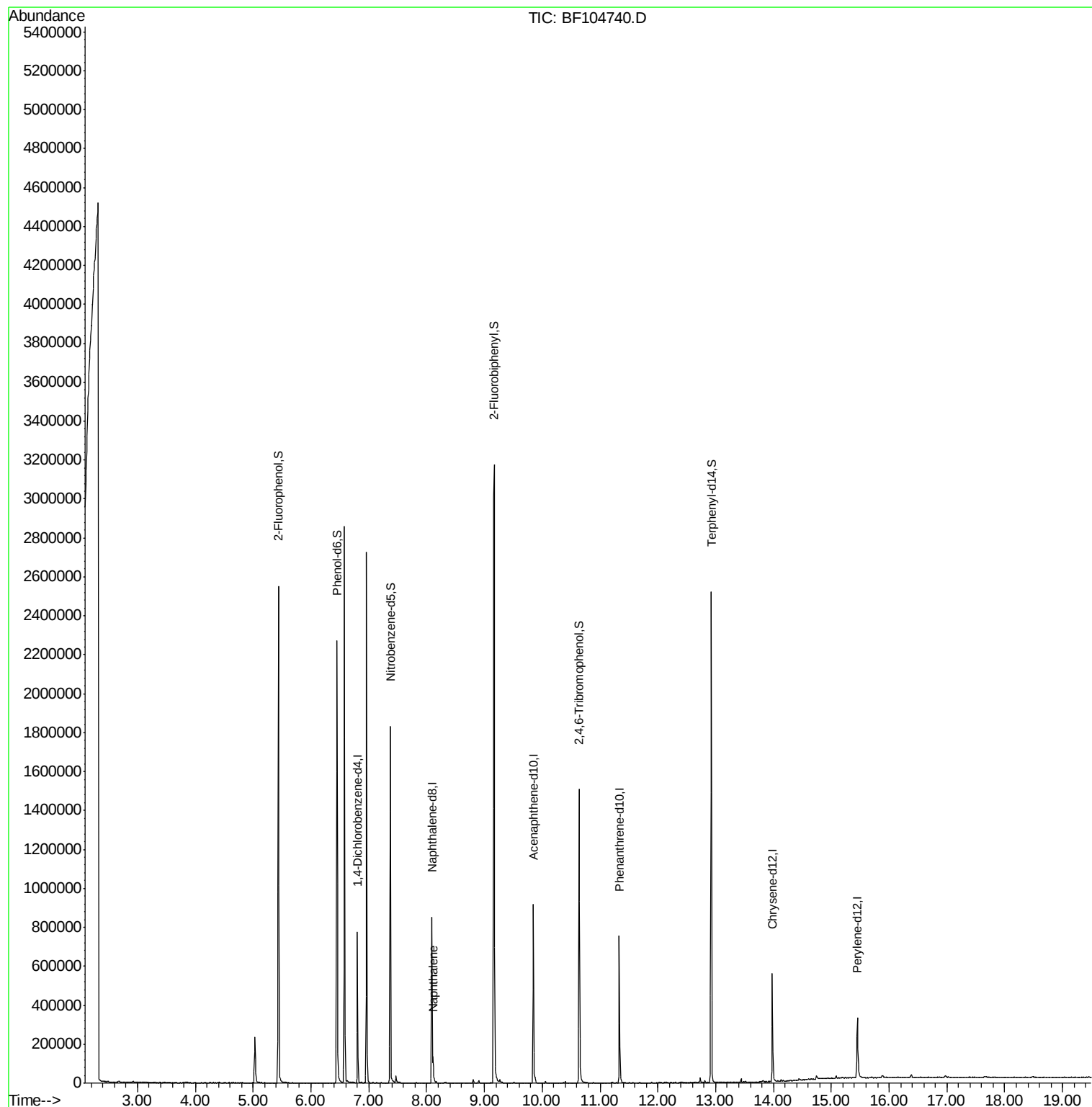
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	439735	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	179152	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	287647	20.00	ng	0.00
75) Chrysene-d12	13.98	240	204224	20.00	ng	0.00
86) Perylene-d12	15.45	264	150282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	762939	105.01	ng	0.02
7) Phenol-d6	6.45	99	805125	90.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	611198	90.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	204136	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1117941	98.58	ng	0.00
78) Terphenyl-d14	12.92	244	933101	104.17	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	47369	2.163	ng	Qvalue 99

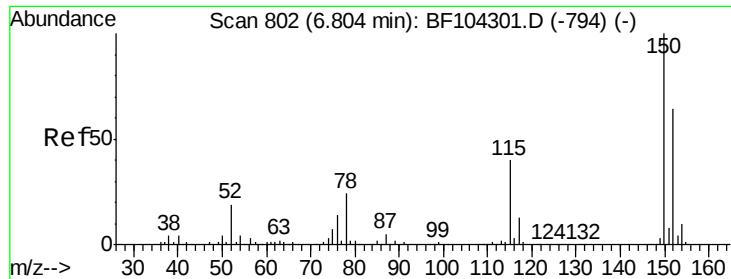
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104740.D
Acq On : 24 Apr 2018 6:58
Operator : JU/SJ
Sample : J2503-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT25773

Quant Time: Apr 24 08:45:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104740.D

Acq: 24 Apr 2018 6:58

Instrument :

BNA_F

ClientSampleId :

CHRT25773

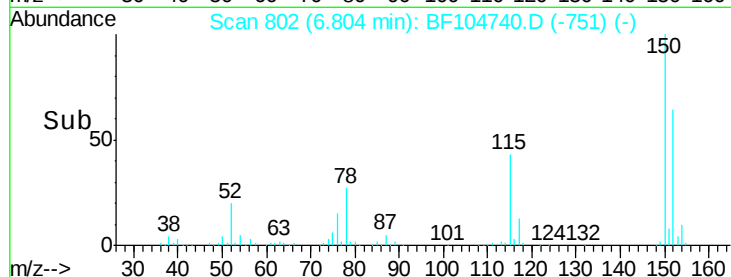
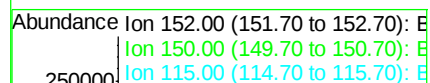
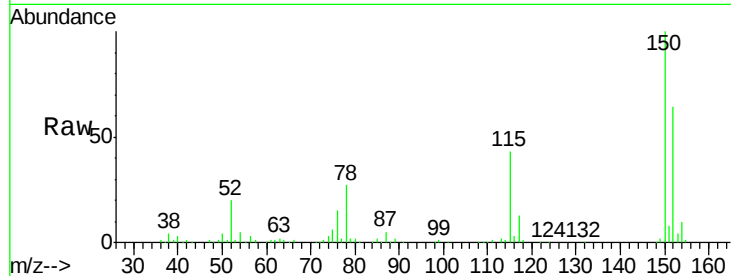
Tot Ion:152 Resp: 111087

Ion Ratio Lower Upper

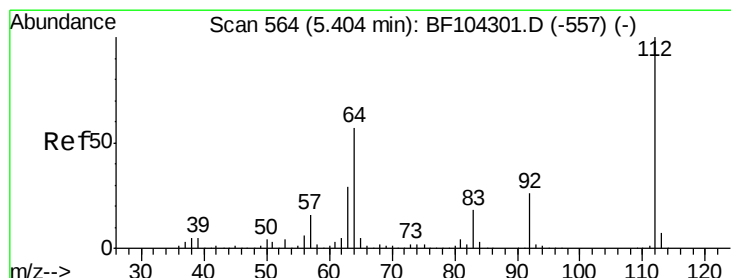
152 100

150 155.5 124.6 186.8

115 66.6 50.1 75.1



Time-->



#5

2-Fluorophenol

Concen: 105.015 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104740.D

Acq: 24 Apr 2018 6:58

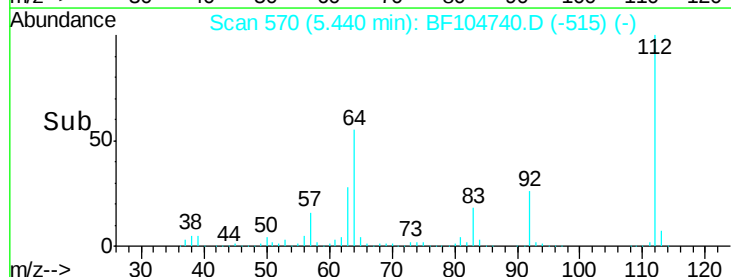
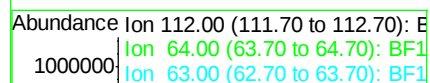
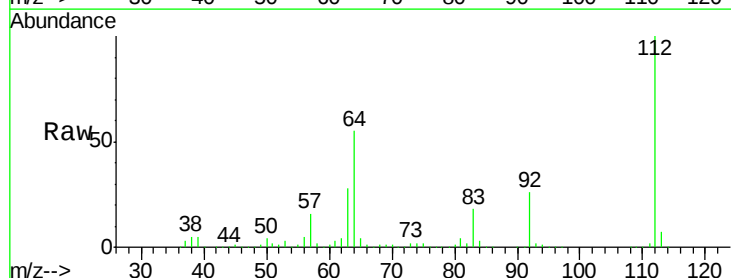
Tgt Ion:112 Resp: 762939

Ion Ratio Lower Upper

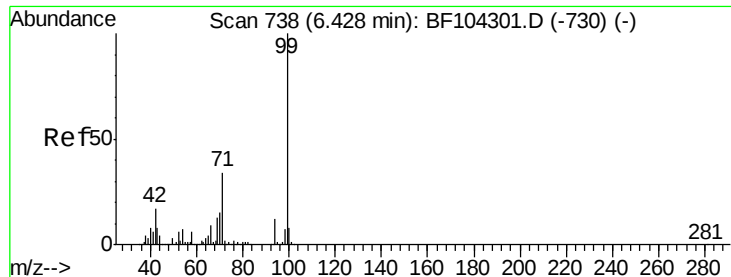
112 100

64 54.7 47.9 71.9

63 27.9 23.7 35.5



Time-->



#7

Phenol-d6

Concen: 90.196 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104740.D

Acq: 24 Apr 2018 6:58

Instrument :

BNA_F

ClientSampleId :

CHRT25773

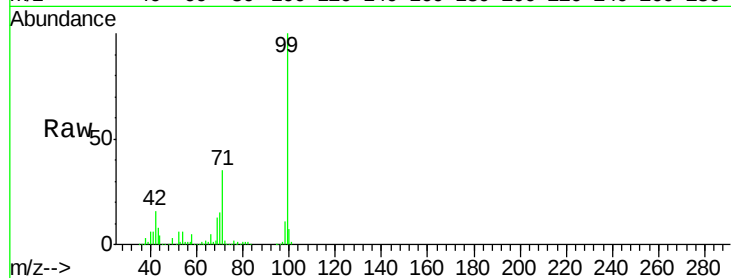
Tot Ion: 99 Resp: 805125

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

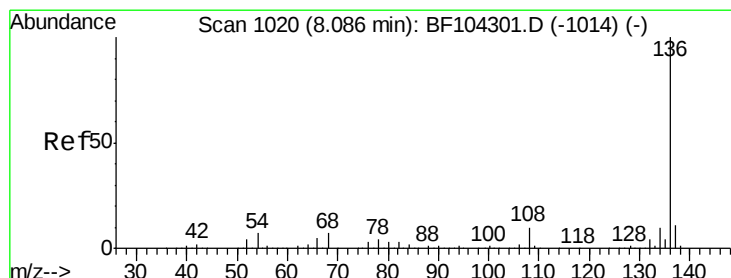
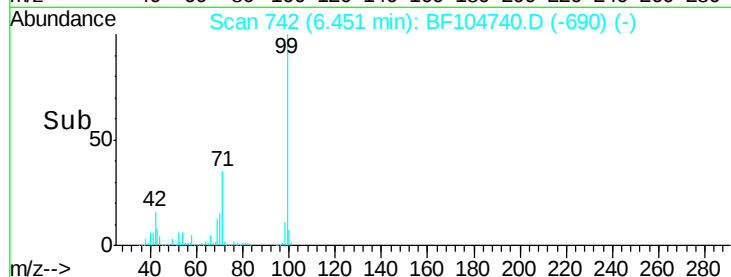
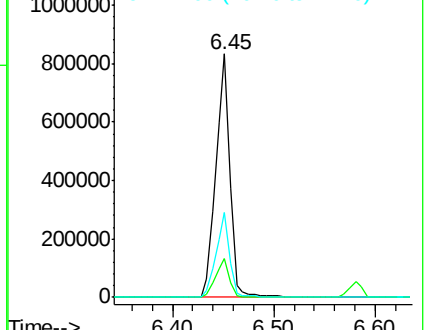
71 35.1 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104740.D

Acq: 24 Apr 2018 6:58

Tgt Ion: 136 Resp: 439735

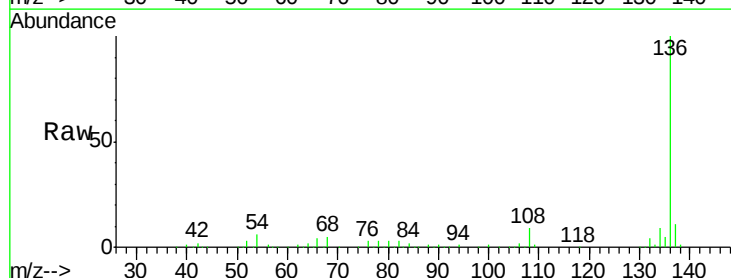
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.4 5.0 7.4

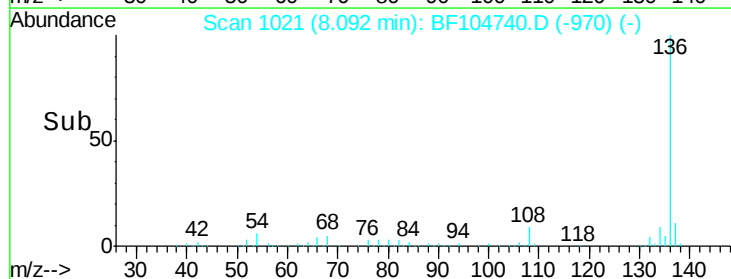
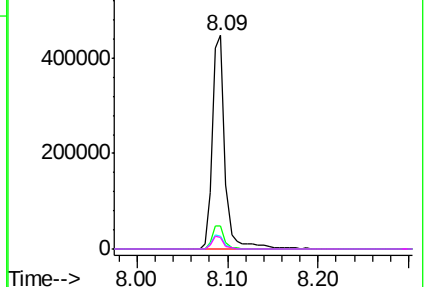


Abundance Ion 136.00 (135.70 to 136.70): E

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

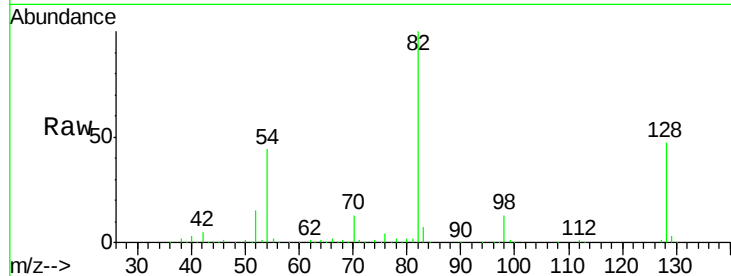




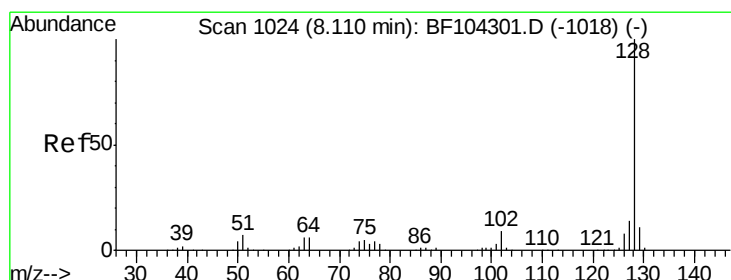
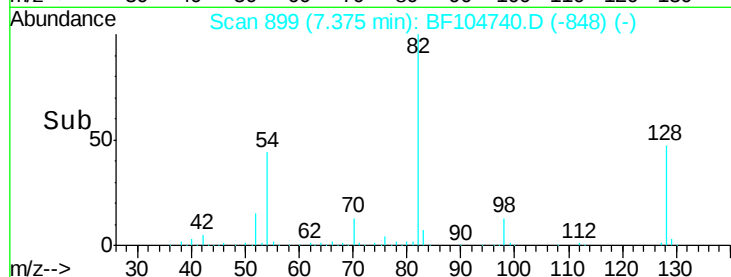
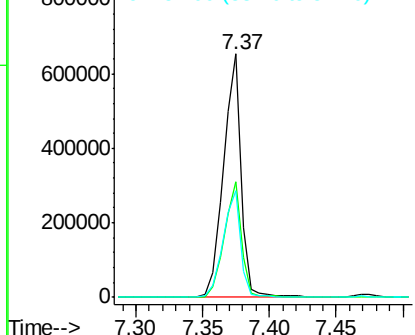
#23
Nitrobenzene-d5
Concen: 90.759 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :
CHRT25773

Tot Ion: 82 Resp: 611198
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 44.0 41.4 62.2

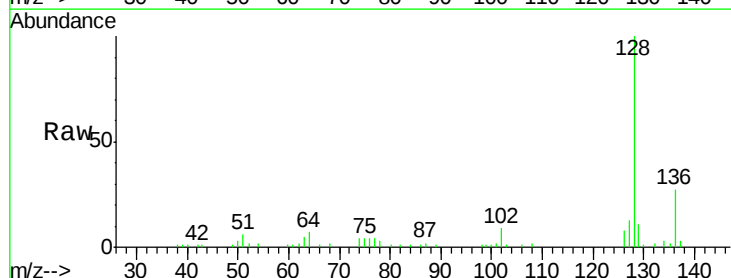


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

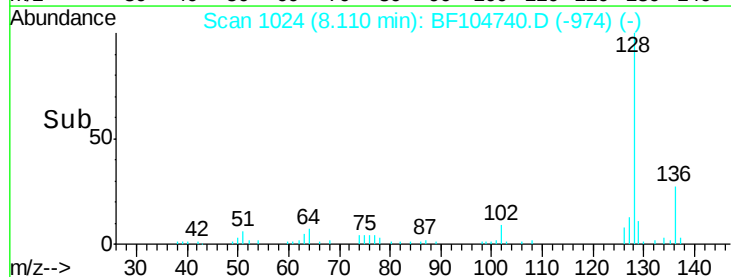
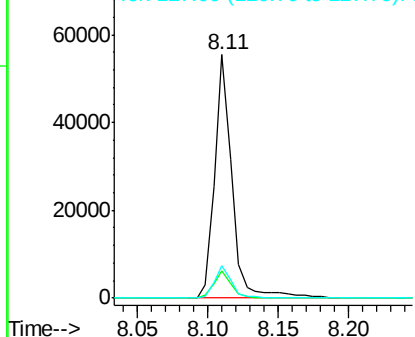


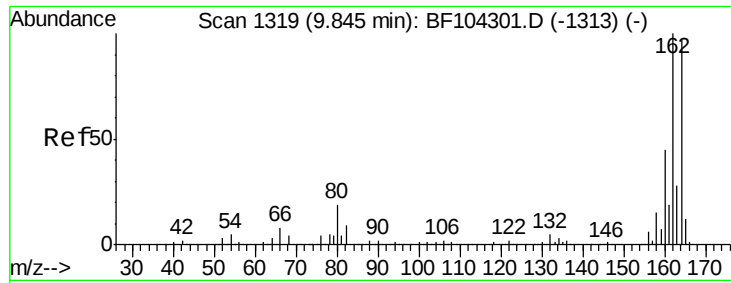
#31
Naphthalene
Concen: 2.163 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion: 128 Resp: 47369
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

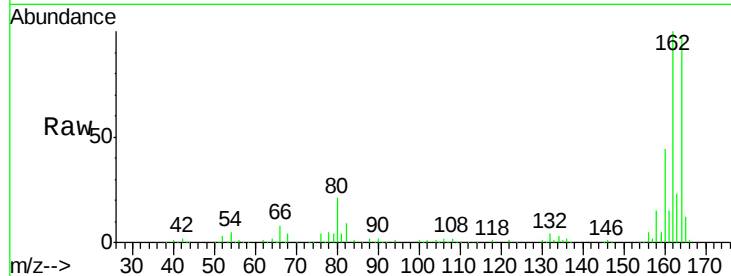




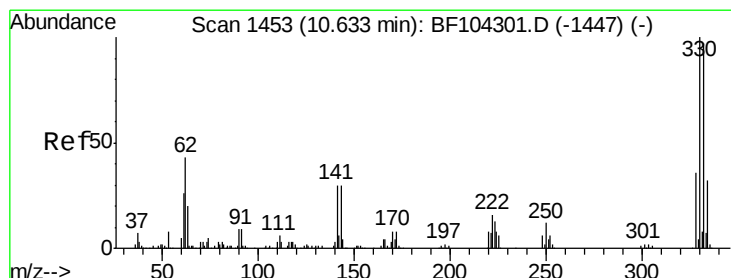
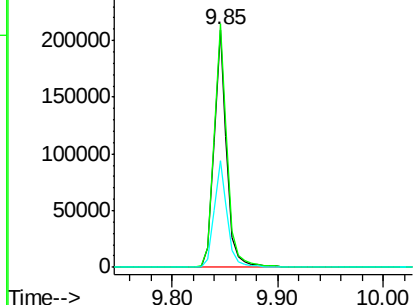
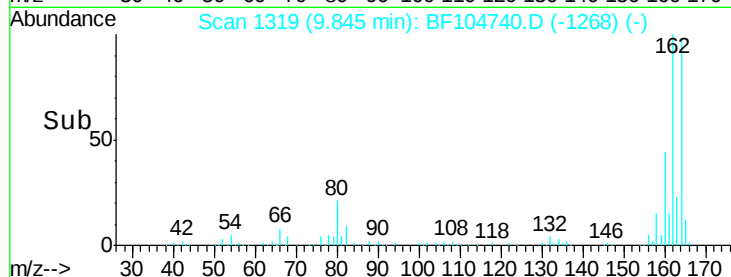
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104740.D
 Acq: 24 Apr 2018 6:58

Instrument :
 BNA_F
 ClientSampleId :
 CHRT25773

Tot Ion:164 Resp: 179152
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.2 38.3 57.5

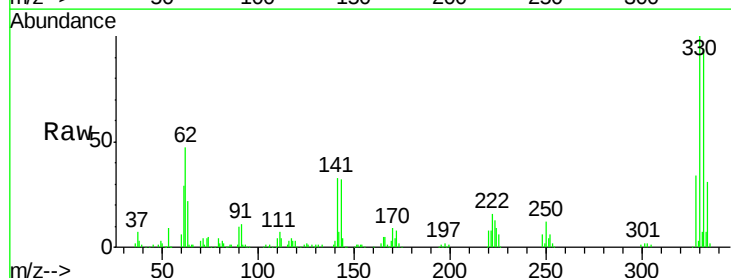


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

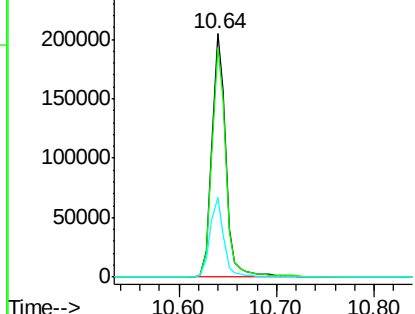
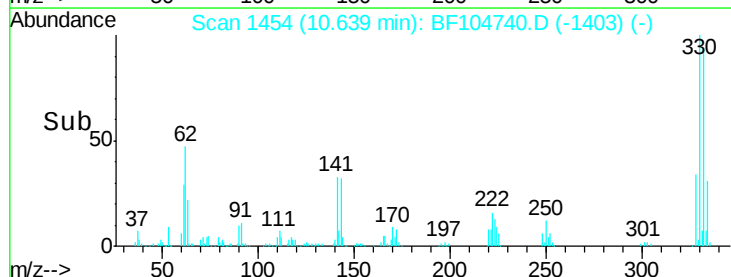


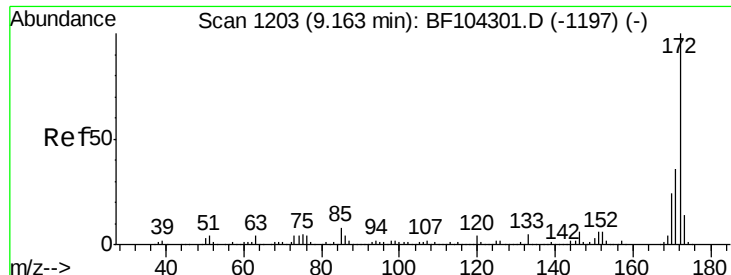
#41
 2,4,6-Tribromophenol
 Concen: 109.845 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104740.D
 Acq: 24 Apr 2018 6:58

Tgt Ion:330 Resp: 204136
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 32.5 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



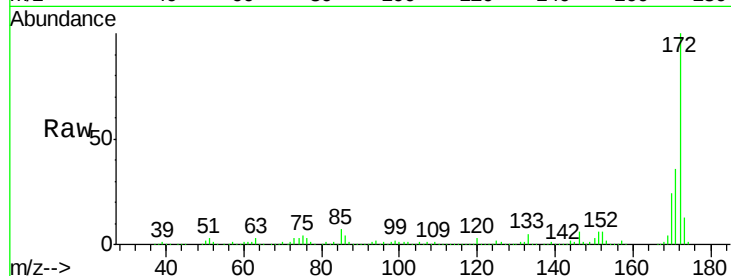


#44
 2-Fluorobiphenyl
 Concen: 98.579 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104740.D
 Acq: 24 Apr 2018 6:58

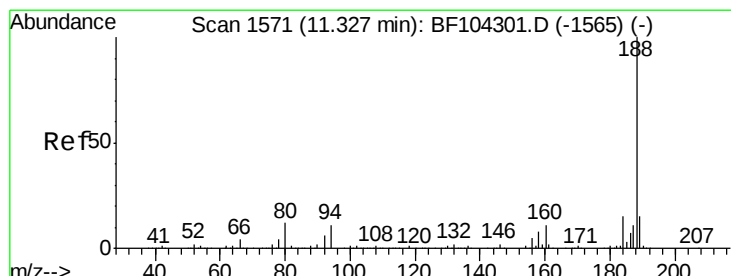
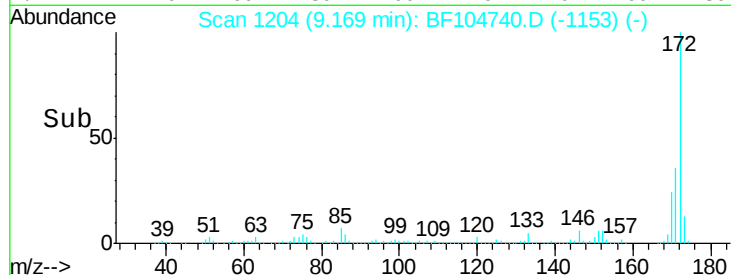
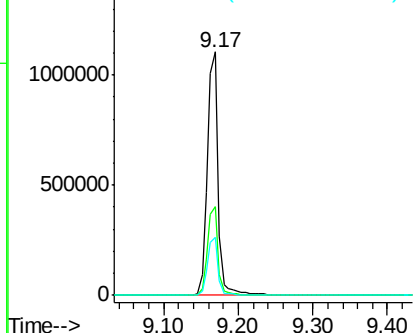
Instrument :
 BNA_F
 ClientSampleId :
 CHRT25773

Tot Ion:172 Resp: 1117941

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



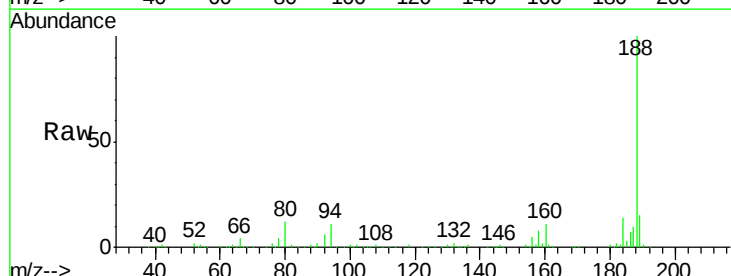
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



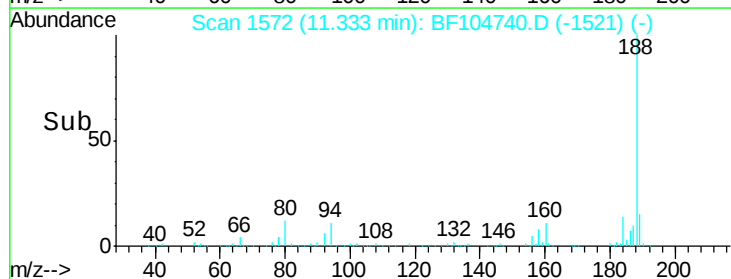
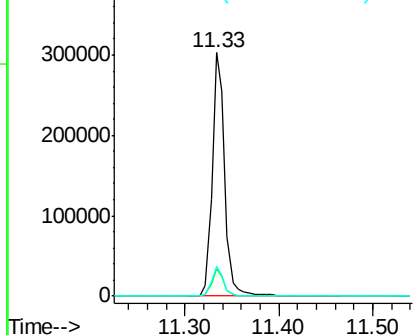
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104740.D
 Acq: 24 Apr 2018 6:58

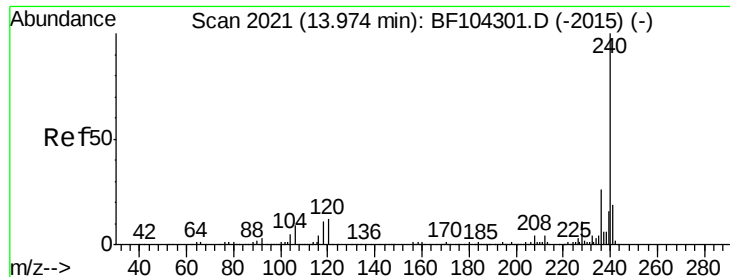
Tgt Ion:188 Resp: 287647

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104740.D

Acq: 24 Apr 2018 6:58

Instrument :

BNA_F

ClientSampleId :

CHRT25773

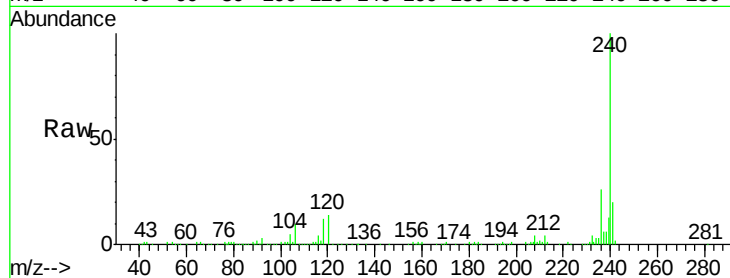
Tot Ion:240 Resp: 204224

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

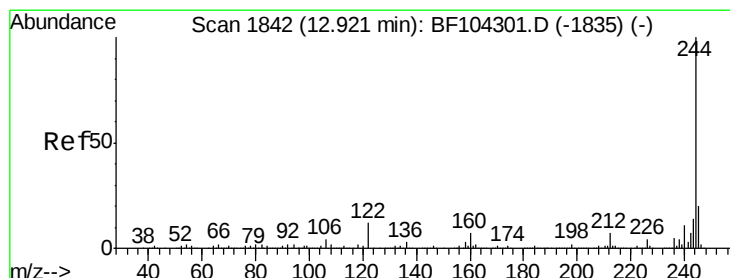
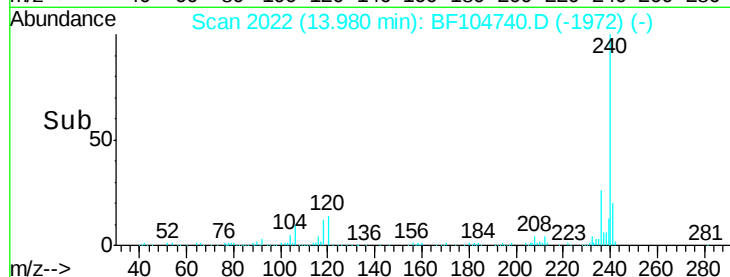
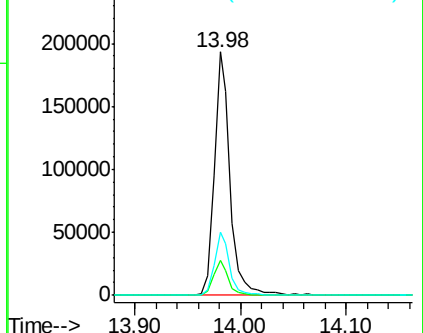
236 26.0 20.7 31.1



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: 104.166 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104740.D

Acq: 24 Apr 2018 6:58

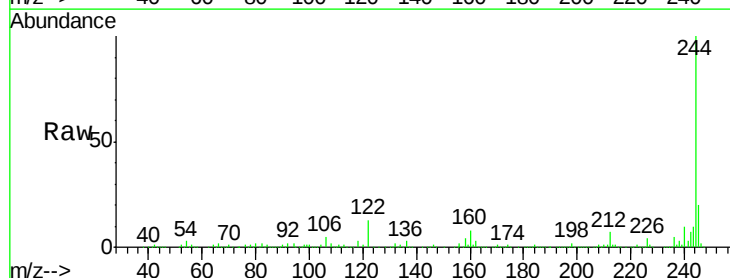
Tgt Ion:244 Resp: 933101

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

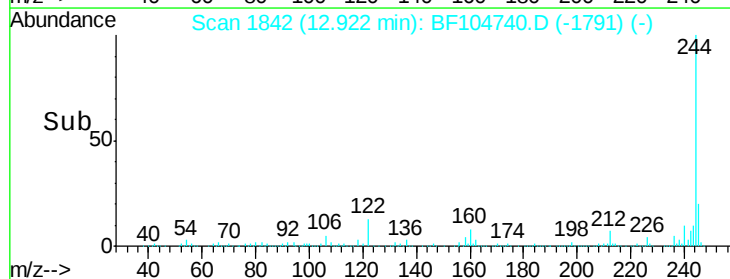
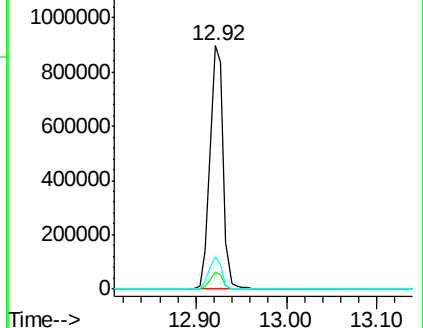
122 13.4 11.0 16.4

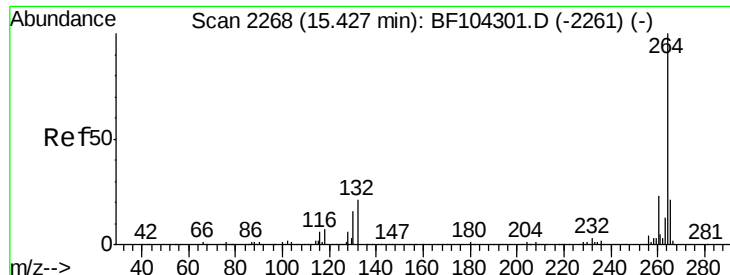


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

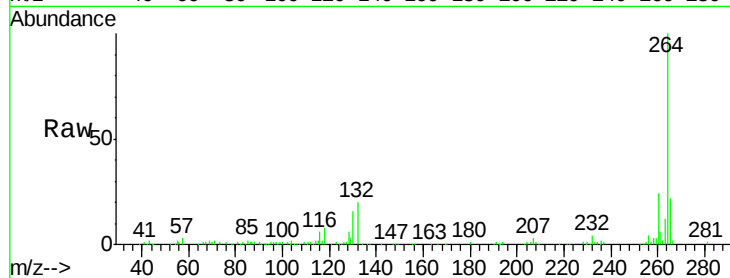




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF104740.D
 Acq: 24 Apr 2018 6:58

Instrument :
 BNA_F
 ClientSampleId :
 CHRT25773

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

