

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104772.D
 Acq On : 24 Apr 2018 22:22
 Operator : JU/SJ
 Sample : J2509-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-DRUM

Quant Time: Apr 24 23:35:58 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

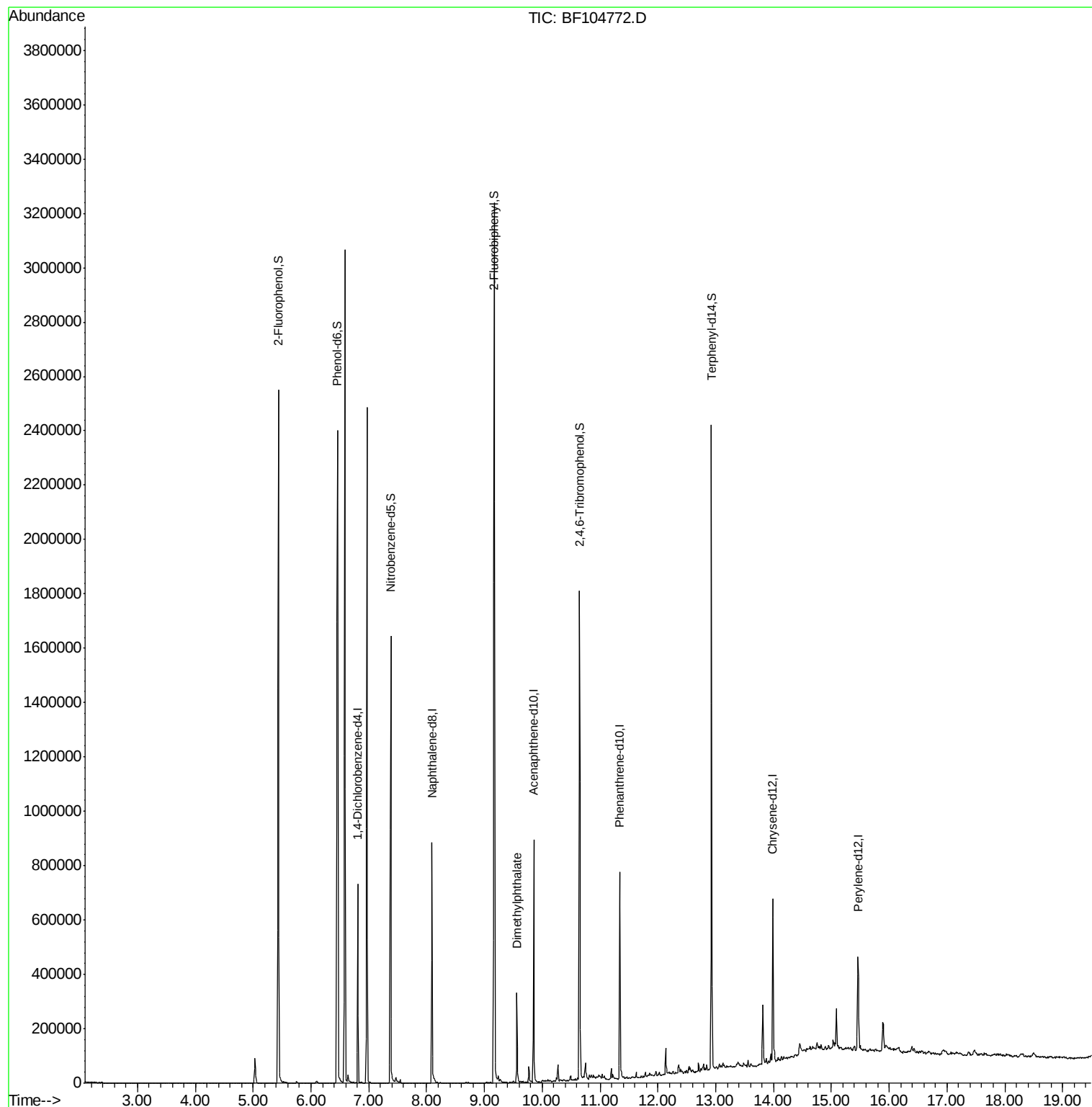
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	102552	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	403009	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	170420	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	283021	20.00	ng	0.00
75) Chrysene-d12	13.99	240	213128	20.00	ng	0.00
86) Perylene-d12	15.46	264	148300	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	837161	124.82	ng	0.02
7) Phenol-d6	6.46	99	1023642	124.22	ng	0.01
23) Nitrobenzene-d5	7.38	82	619436	100.36	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229652	129.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1019570	94.51	ng	0.00
78) Terphenyl-d14	12.93	244	852254	91.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	135050	10.049	ng	Qvalue 100

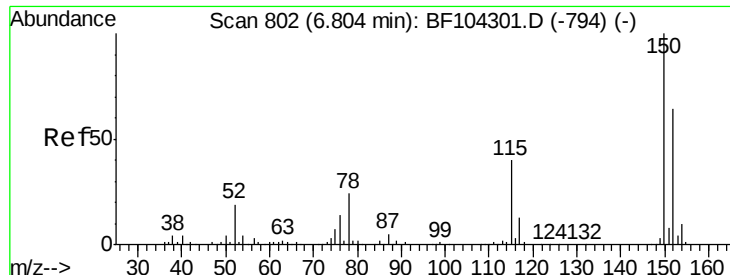
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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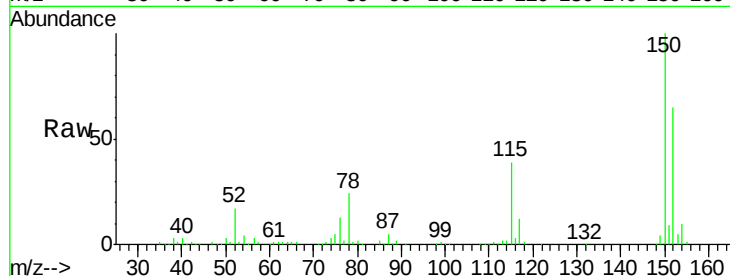


#1

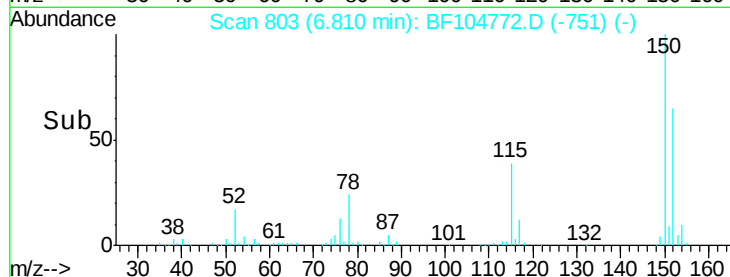
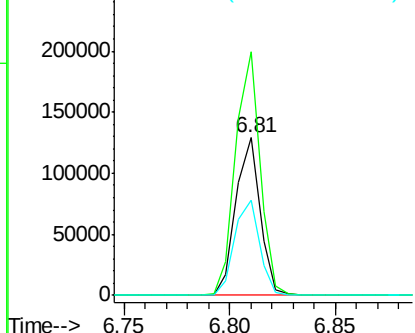
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104772.D
Acq: 24 Apr 2018 22:22

Instrument :
BNA_F
ClientSampleId :
WS-DRUM

Tot Ion:152 Resp: 102552
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.8 50.1 75.1



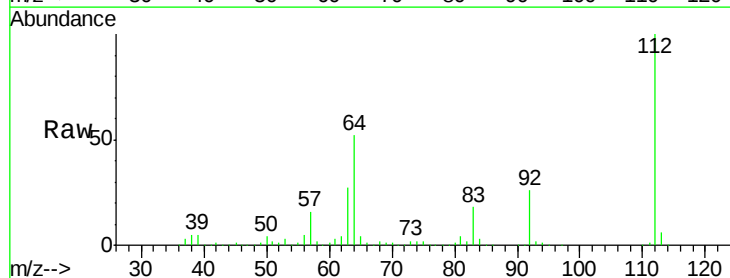
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



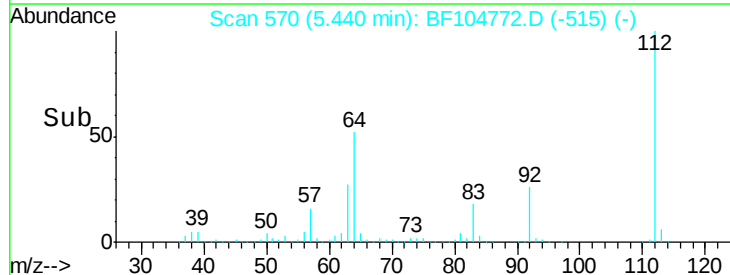
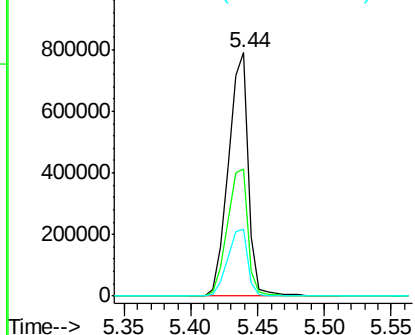
#5

2-Fluorophenol
Concen: 124.821 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104772.D
Acq: 24 Apr 2018 22:22

Tgt Ion:112 Resp: 837161
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 27.4 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: 124.220 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

Instrument :

BNA_F

ClientSampleId :

WS-DRUM

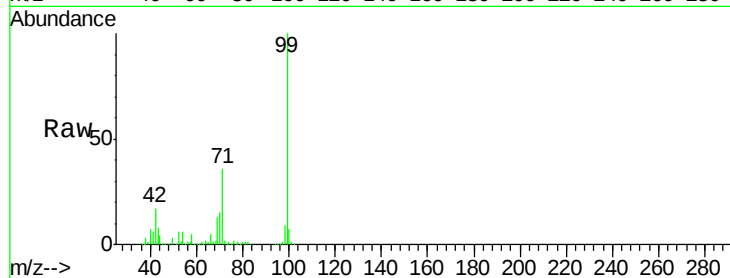
Tot Ion: 99 Resp: 1023642

Ion Ratio Lower Upper

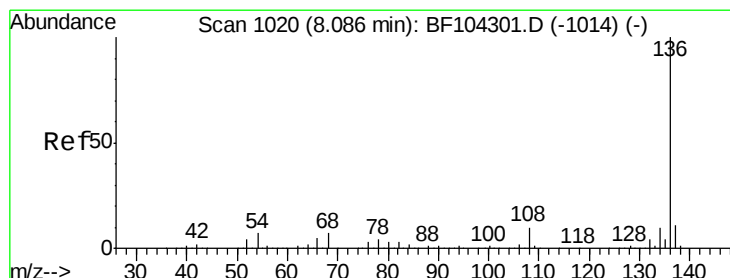
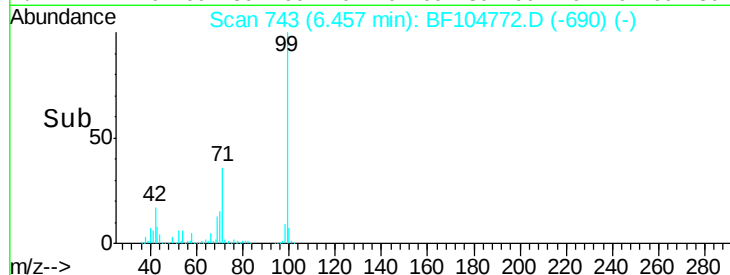
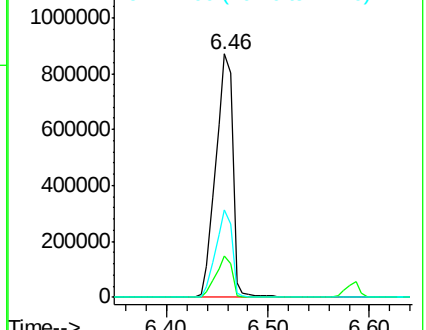
99 100

42 16.8 14.5 21.7

71 36.1 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: BF104772.D

Acq: 24 Apr 2018 22:22

Tgt Ion: 136 Resp: 403009

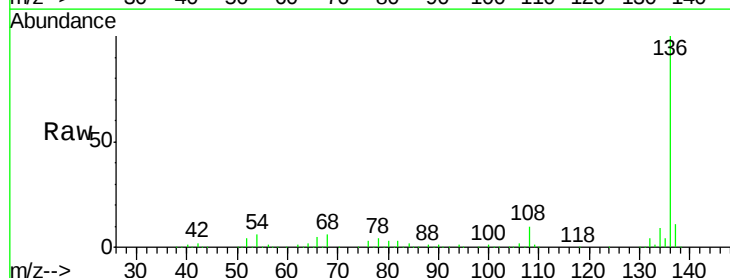
Ion Ratio Lower Upper

136 100

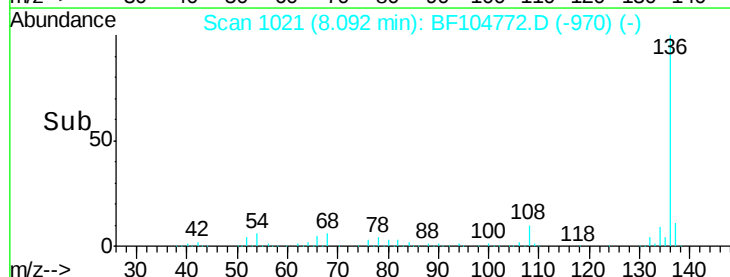
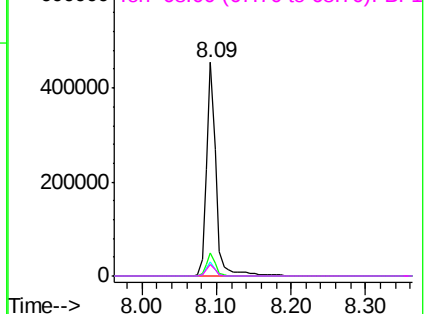
137 10.5 8.9 13.3

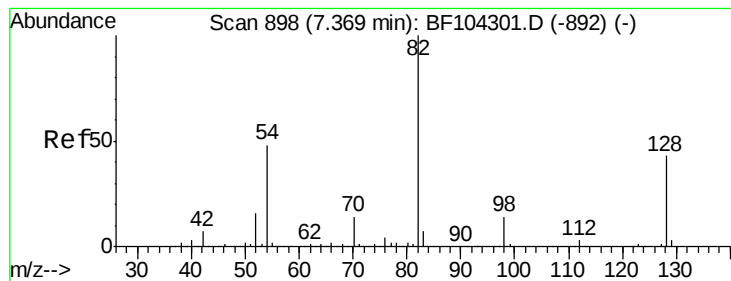
54 6.3 6.6 9.8#

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: 100.365 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

Instrument :

BNA_F

ClientSampleId :

WS-DRUM

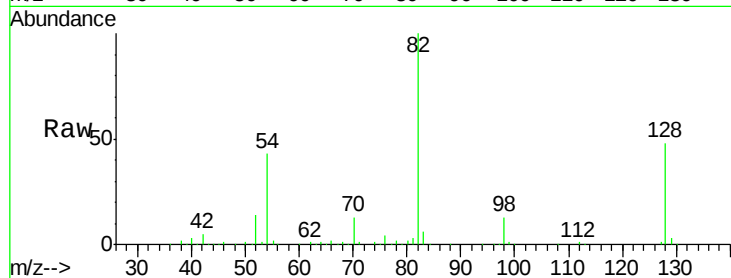
Tot Ion: 82 Resp: 619436

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

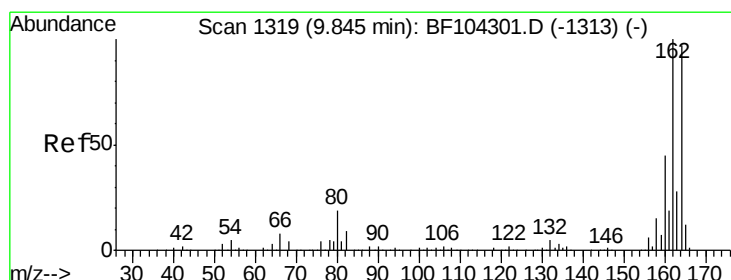
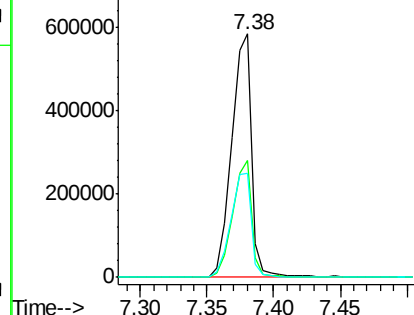
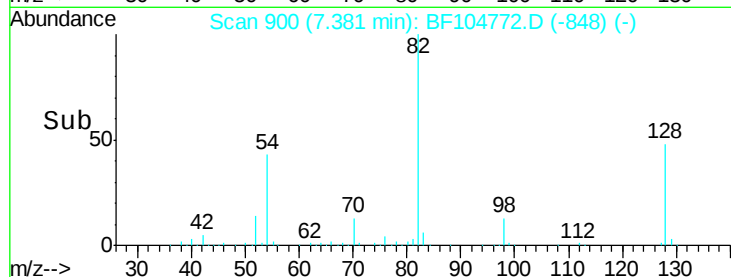
54 42.9 41.4 62.2



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: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

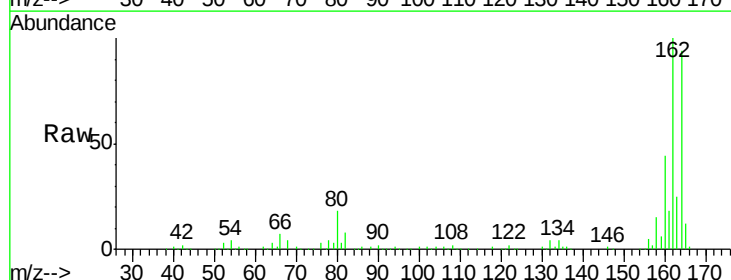
Tgt Ion:164 Resp: 170420

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

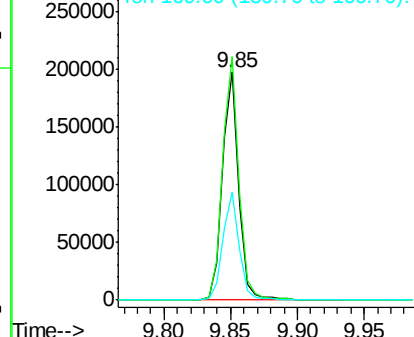
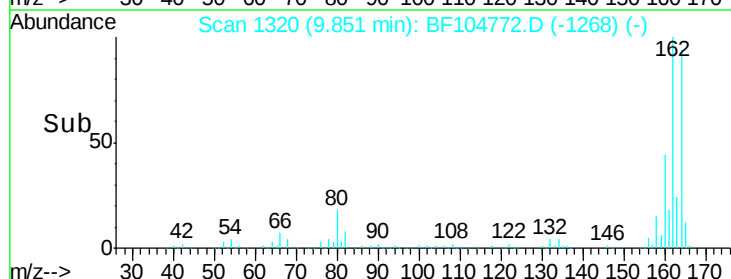
160 47.1 38.3 57.5



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

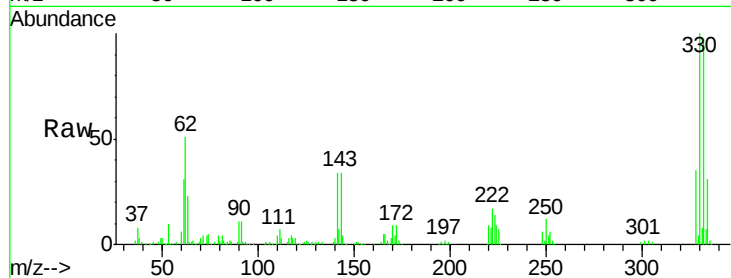




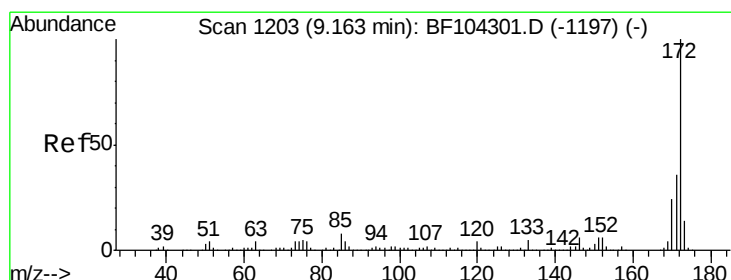
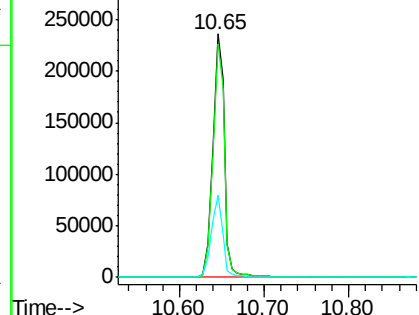
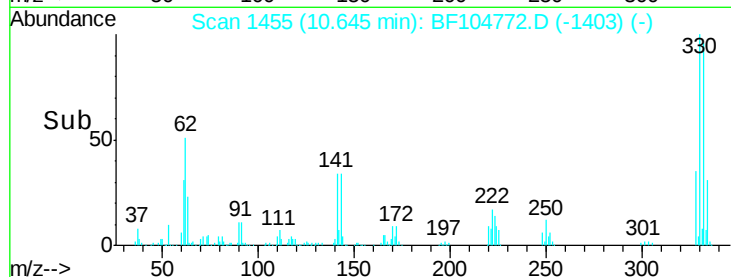
#41
 2,4,6-Tribromophenol
 Concen: 129.907 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104772.D
 Acq: 24 Apr 2018 22:22

Instrument :
 BNA_F
 ClientSampleId :
 WS-DRUM

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.0	29.9	44.9

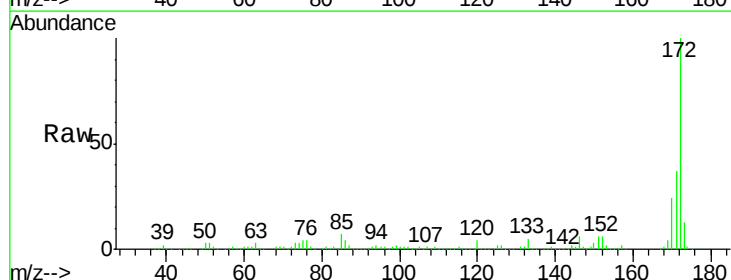


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

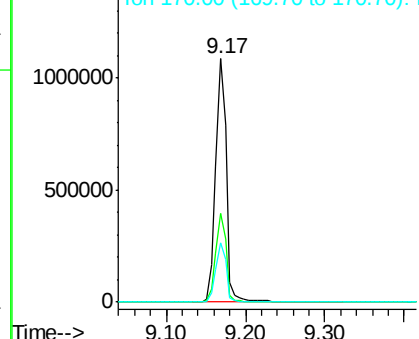
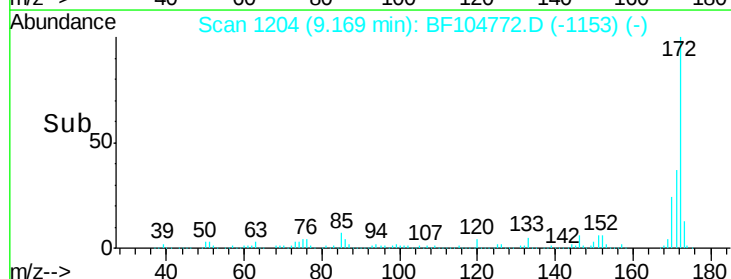


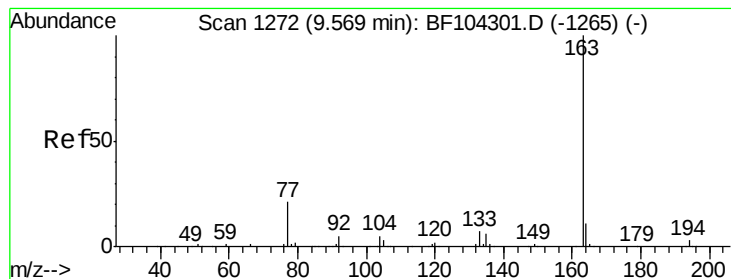
#44
 2-Fluorobiphenyl
 Concen: 94.512 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104772.D
 Acq: 24 Apr 2018 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 10.049 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

Instrument :

BNA_F

ClientSampleId :

WS-DRUM

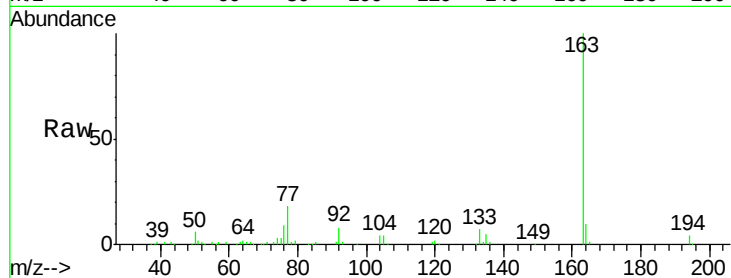
Tot Ion:163 Resp: 135050

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

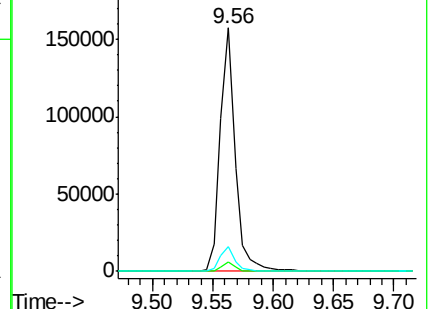
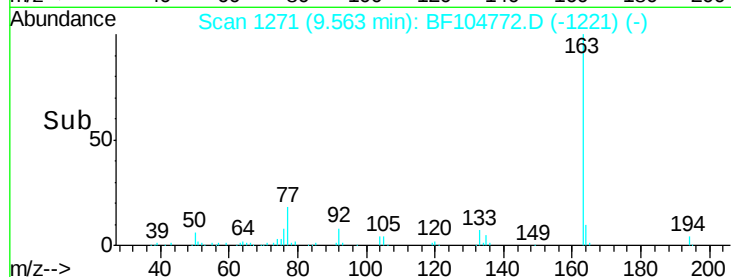
164 10.2 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

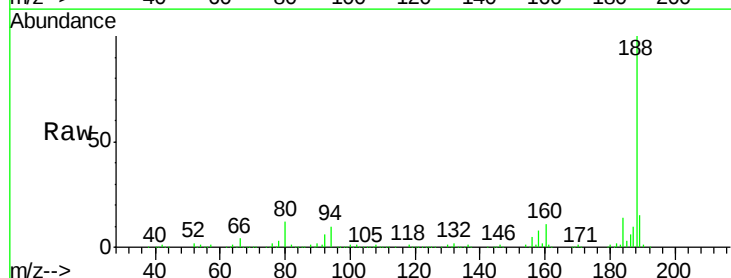
Tgt Ion:188 Resp: 283021

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

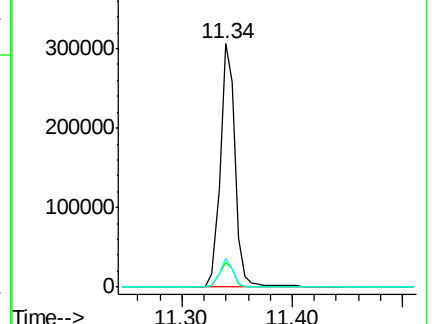
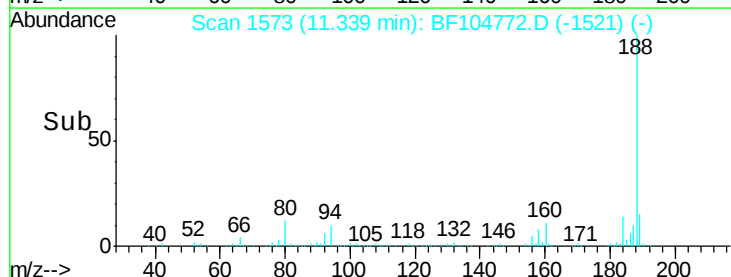
80 11.6 9.2 13.8

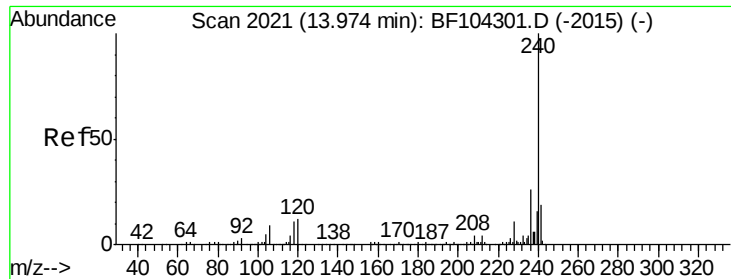


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

Instrument :

BNA_F

ClientSampleId :

WS-DRUM

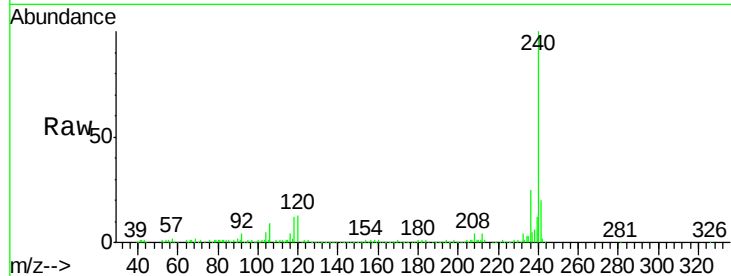
Tot Ion:240 Resp: 213128

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

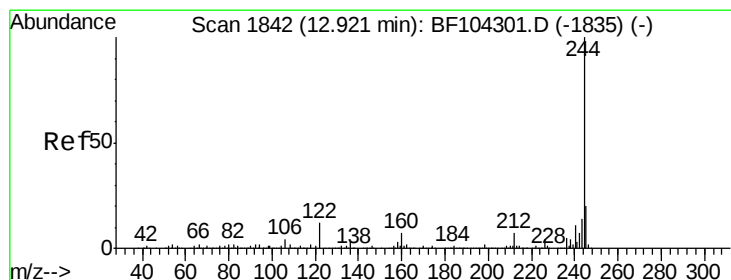
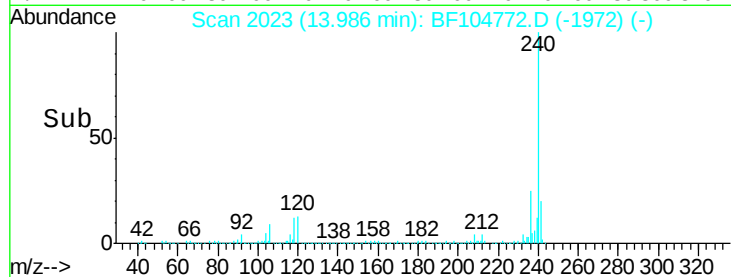
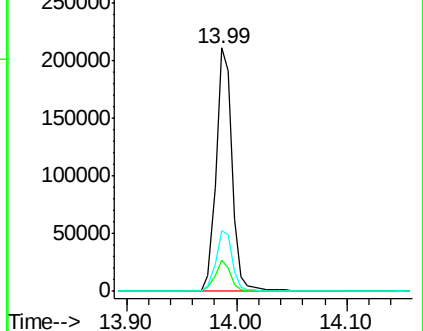
236 25.1 20.7 31.1



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: 91.166 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104772.D

Acq: 24 Apr 2018 22:22

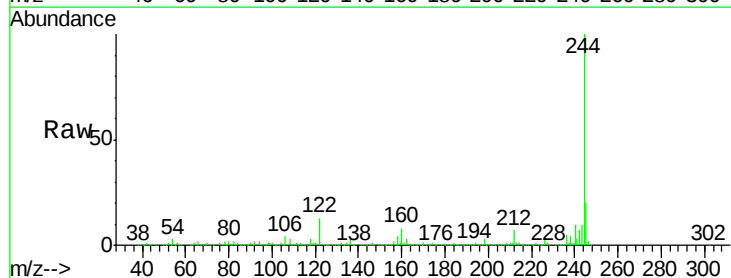
Tgt Ion:244 Resp: 852254

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

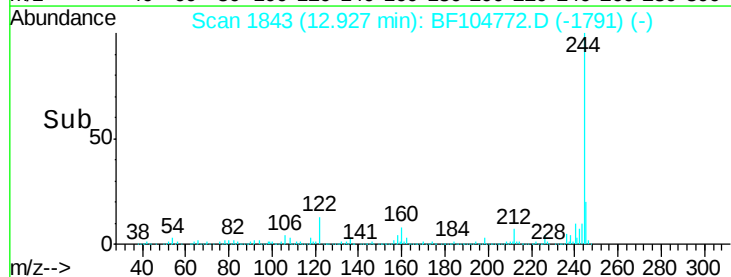
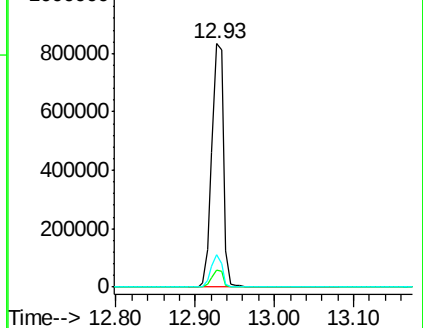
122 13.1 11.0 16.4

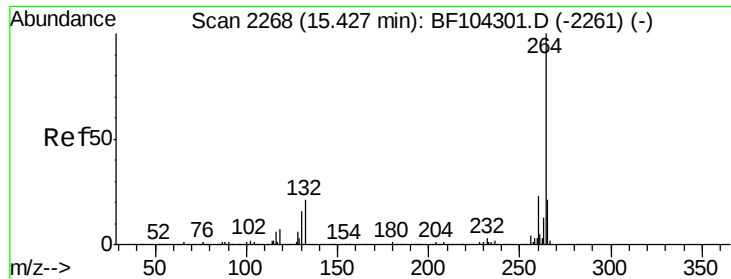


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

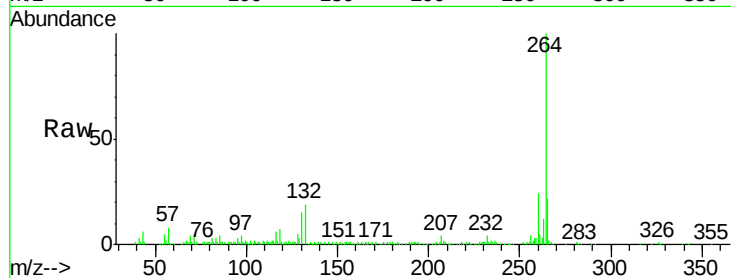




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104772.D
Acq: 24 Apr 2018 22:22

Instrument :
BNA_F
ClientSampleId :
WS-DRUM

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.2	28.8	
265	21.9	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

