

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104823.D
 Acq On : 26 Apr 2018 7:53
 Operator : JU/SJ
 Sample : J2520-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5 4.0-4.5

Quant Time: Apr 26 14:18:18 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

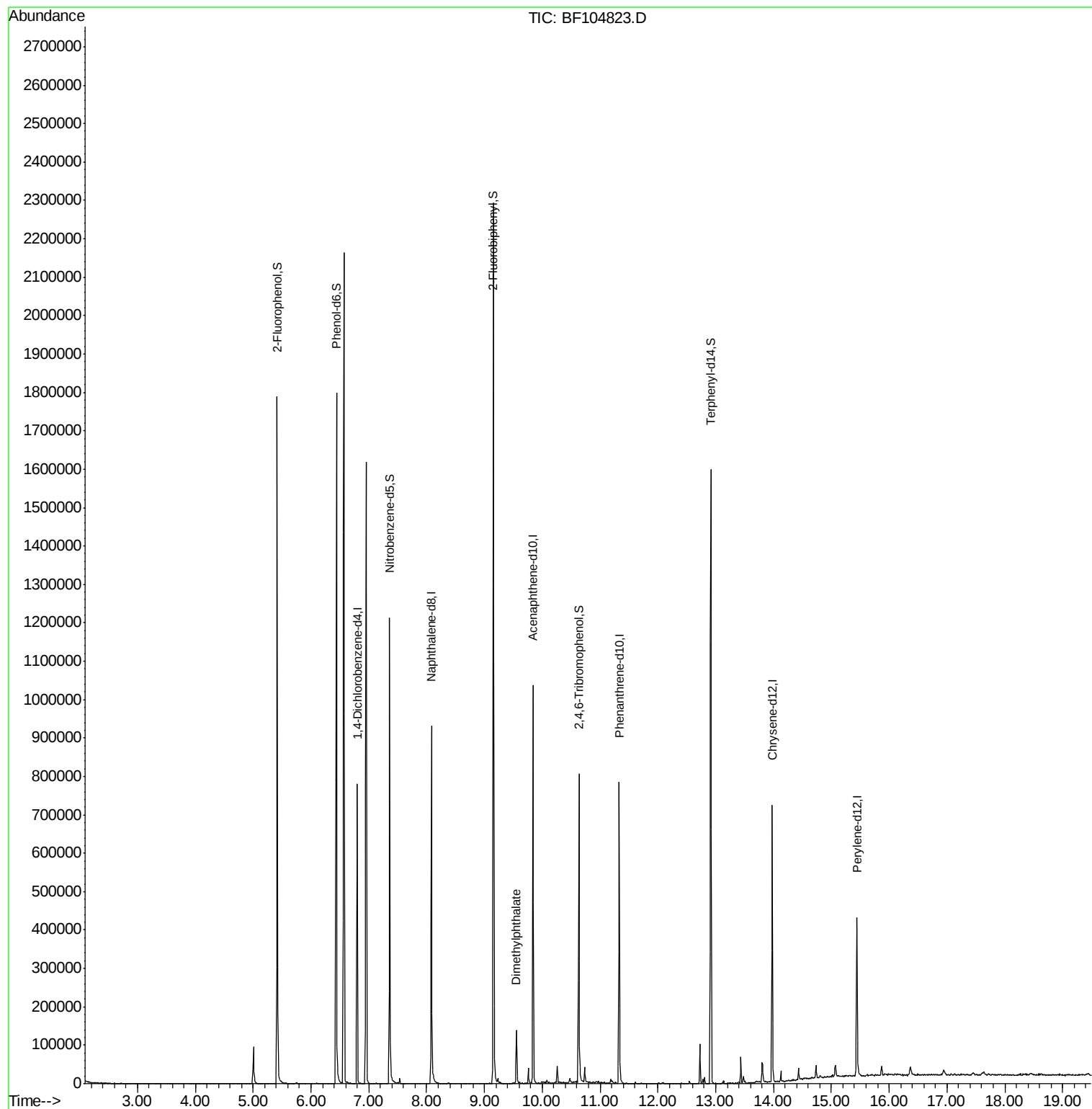
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112876	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	466146	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	197109	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	303603	20.00	ng	0.00
75) Chrysene-d12	13.97	240	241489	20.00	ng	-0.01
86) Perylene-d12	15.44	264	181653	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	517160	70.06	ng	0.00
7) Phenol-d6	6.44	99	657288	72.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	411971	57.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	114703	56.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	710680	56.96	ng	0.00
78) Terphenyl-d14	12.92	244	505881	47.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	66844	4.300	ng	99

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

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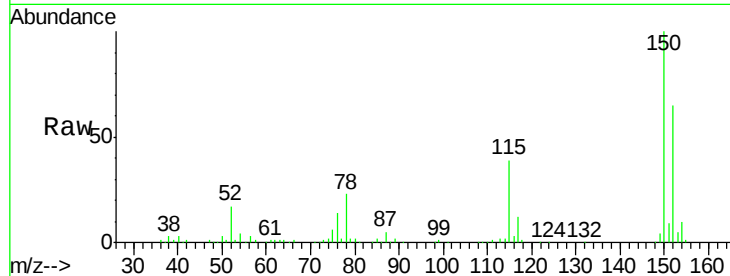


#1

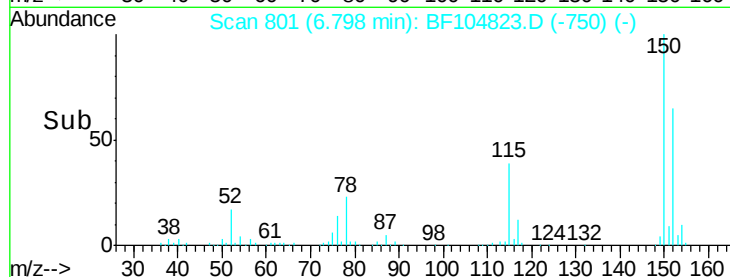
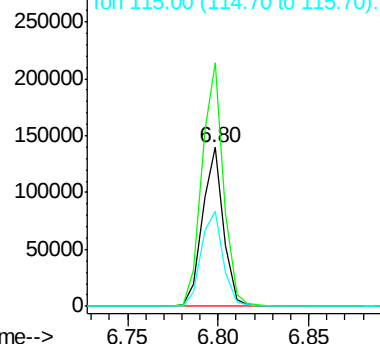
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Instrument :
 BNA_F
 ClientSampled :
 TP-5 4.0-4.5

Tot Ion:152 Resp: 112876
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 59.7 50.1 75.1



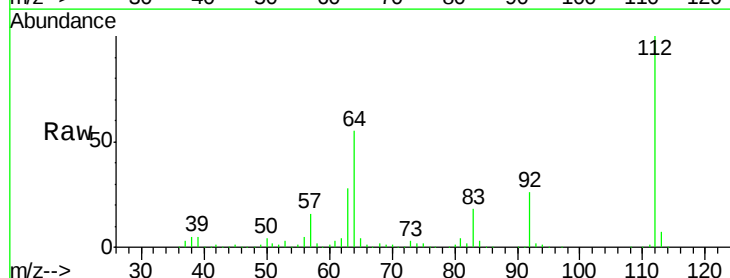
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



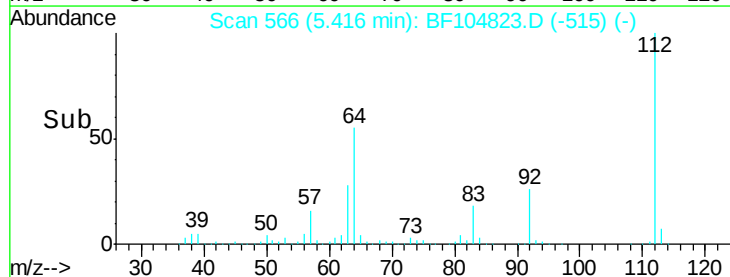
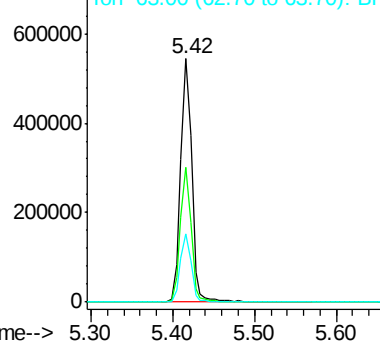
#5

2-Fluorophenol
 Concen: 70.056 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion:112 Resp: 517160
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 28.1 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: 72.467 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104823.D

Acq: 26 Apr 2018 7:53

Instrument :

BNA_F

ClientSampleId :

TP-5 4.0-4.5

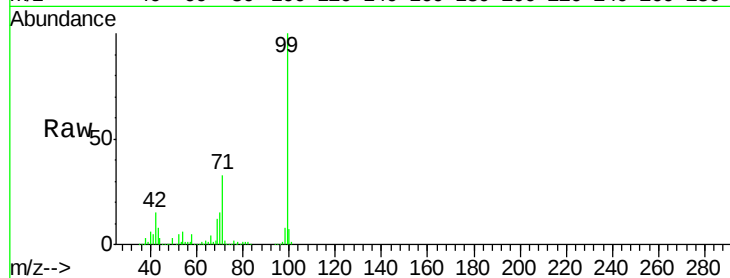
Tot Ion: 99 Resp: 657288

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

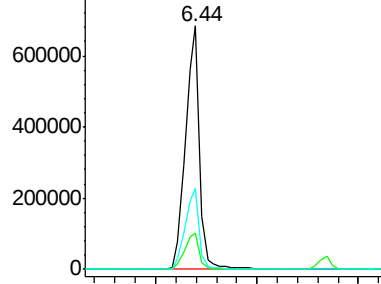
71 33.3 25.4 38.0



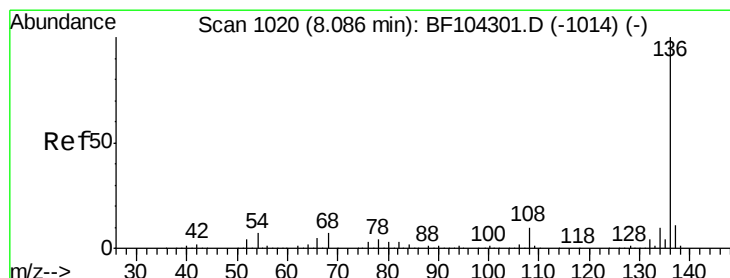
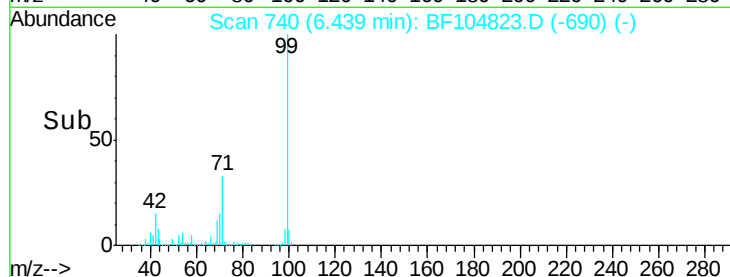
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104823.D

Acq: 26 Apr 2018 7:53

Tgt Ion: 136 Resp: 466146

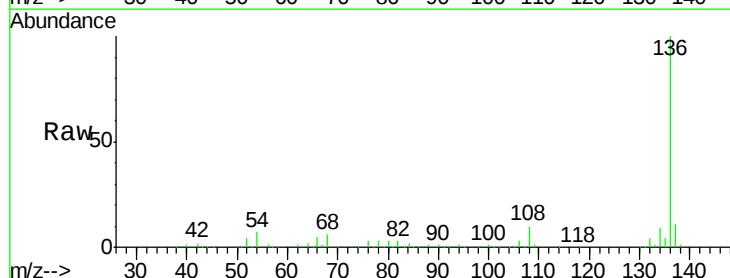
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

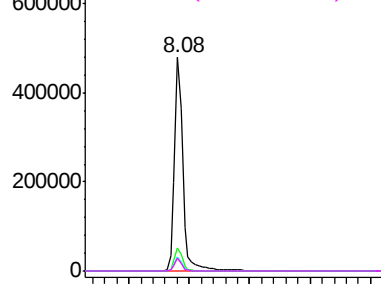


Abundance Ion 136.00 (135.70 to 136.70): E

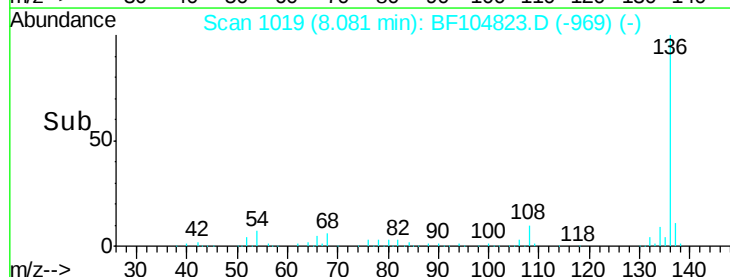
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 57.709 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104823.D

Acq: 26 Apr 2018 7:53

Instrument :

BNA_F

ClientSampleId :

TP-5 4.0-4.5

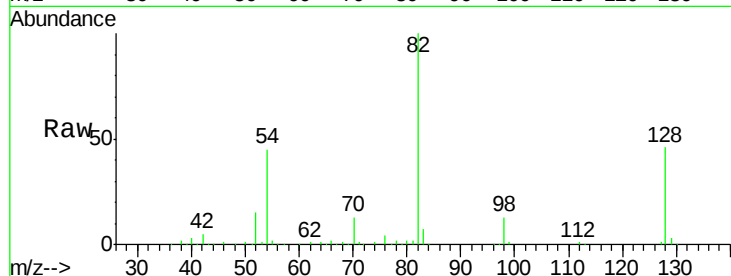
Tot Ion: 82 Resp: 411971

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

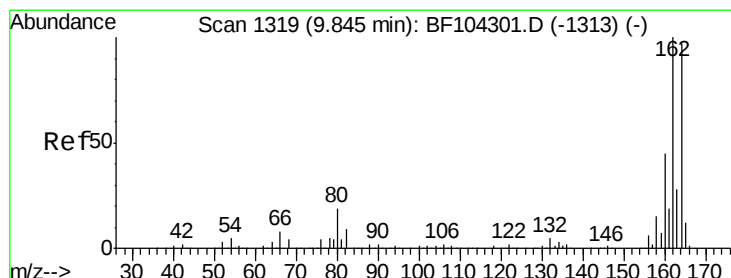
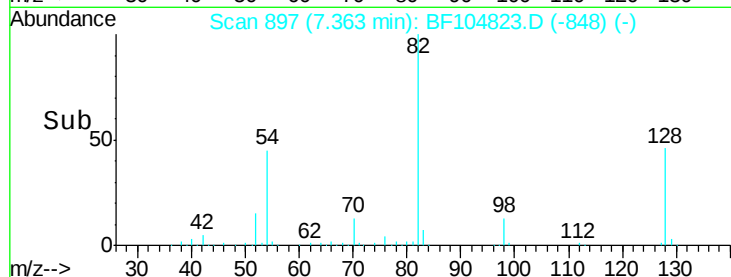
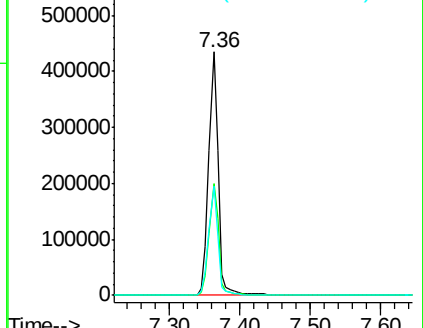
54 44.7 41.4 62.2



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: BF104823.D

Acq: 26 Apr 2018 7:53

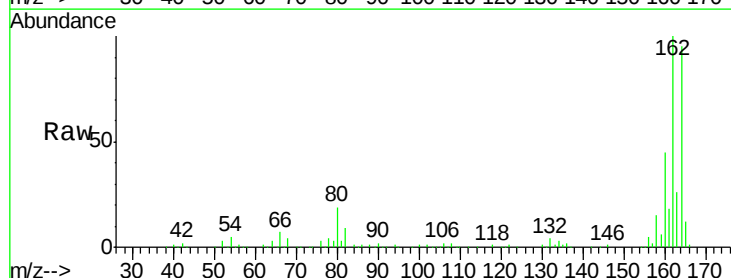
Tgt Ion:164 Resp: 197109

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

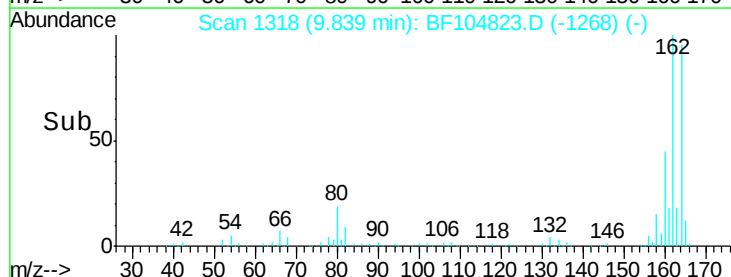
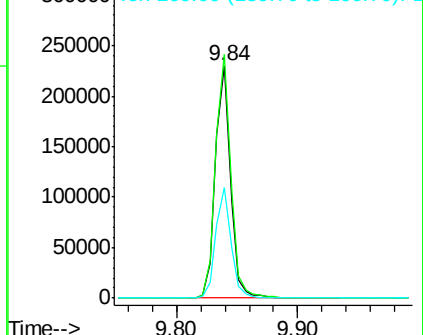
160 47.6 38.3 57.5



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

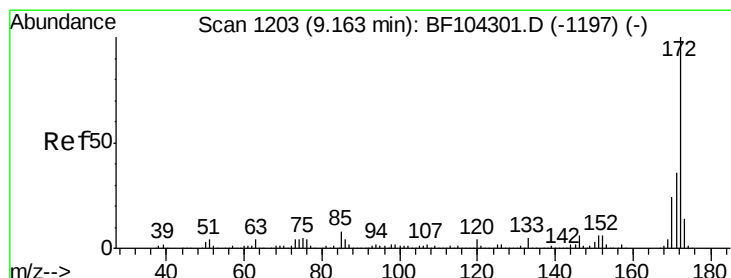
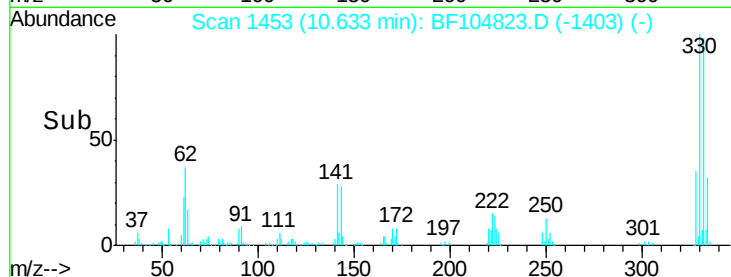
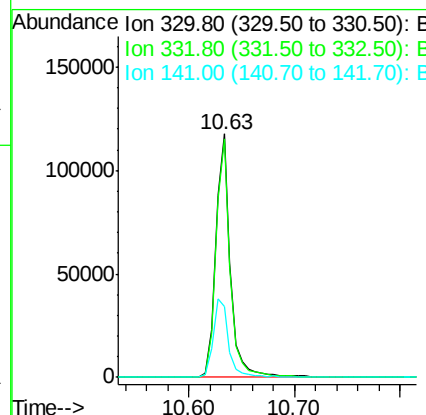
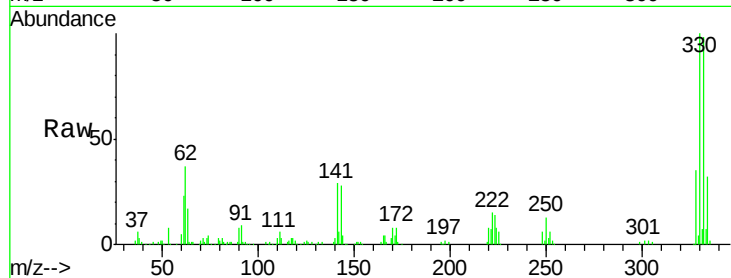




#41
 2,4,6-Tribromophenol
 Concen: 56.099 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

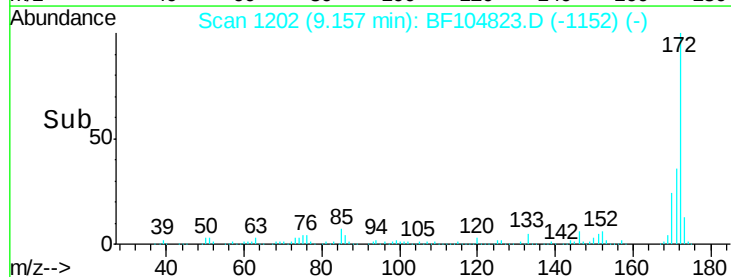
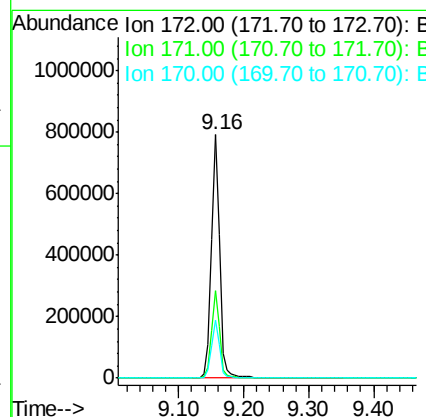
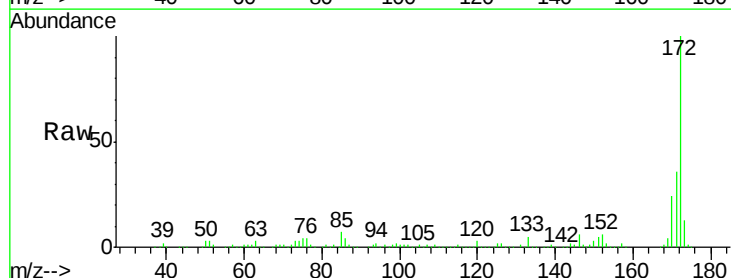
Instrument :
 BNA_F
 ClientSampleId :
 TP-5 4.0-4.5

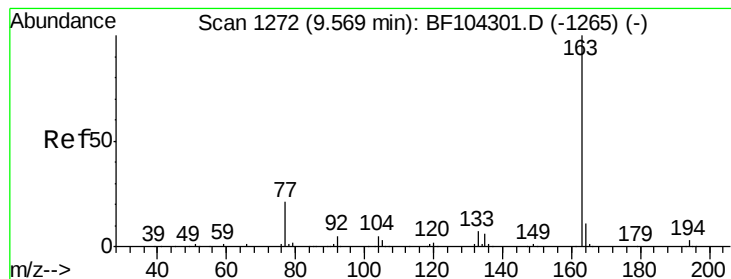
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 56.958 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 4.300 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104823.D

Acq: 26 Apr 2018 7:53

Instrument :

BNA_F

ClientSampleId :

TP-5 4.0-4.5

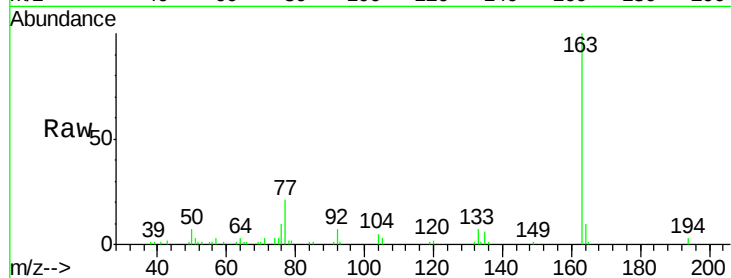
Tot Ion:163 Resp: 66844

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

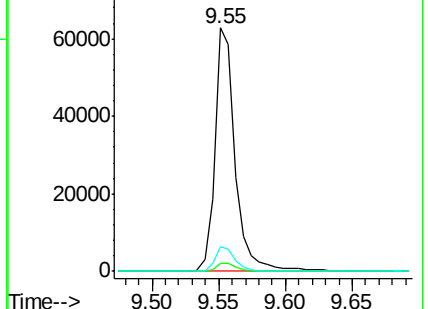
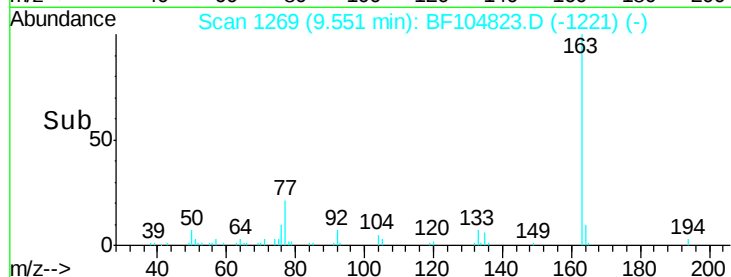
164 9.9 8.2 12.2



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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104823.D

Acq: 26 Apr 2018 7:53

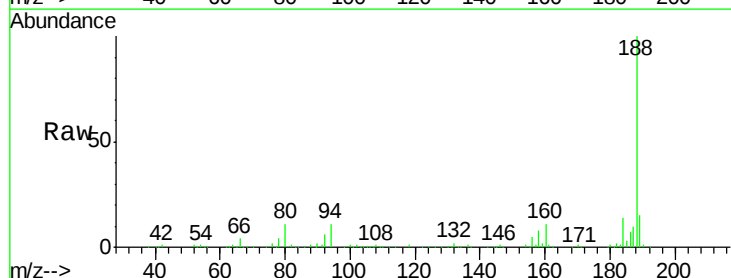
Tgt Ion:188 Resp: 303603

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

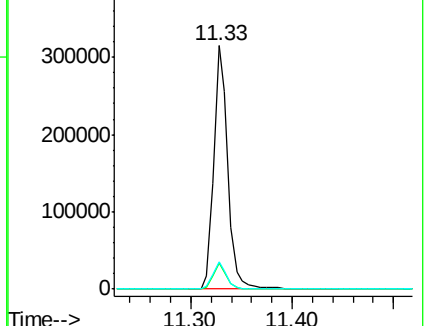
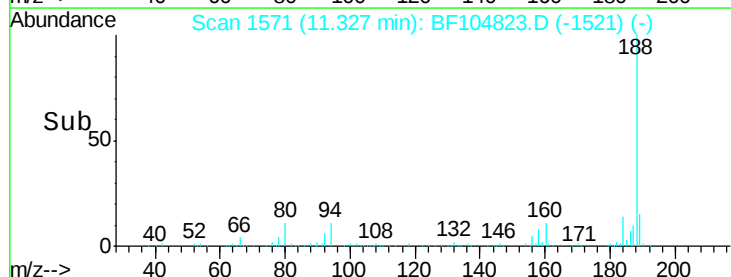
80 11.0 9.2 13.8

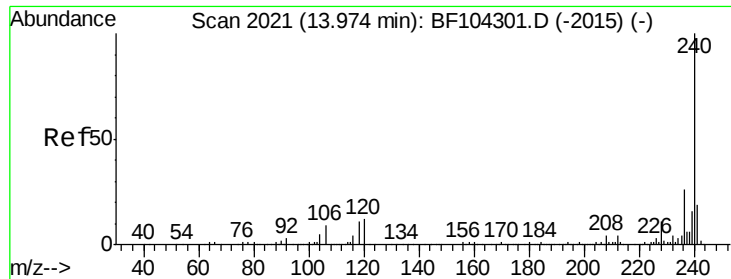


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

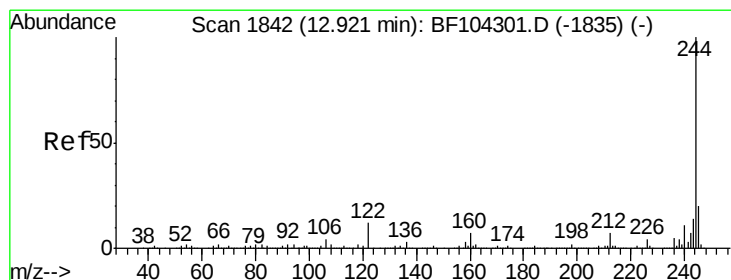
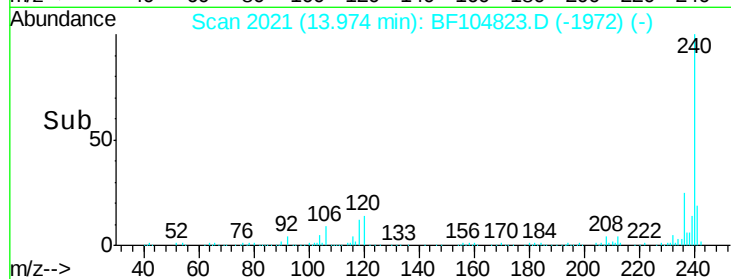
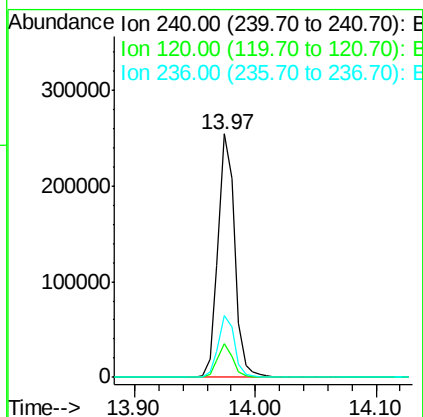
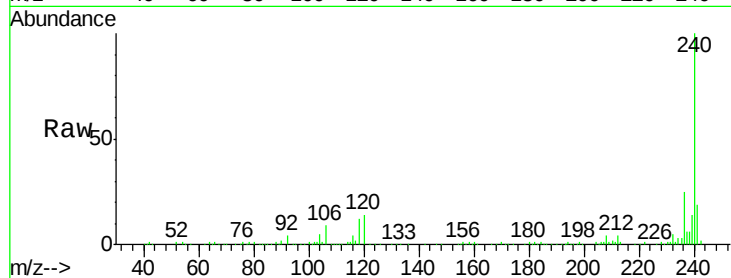




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

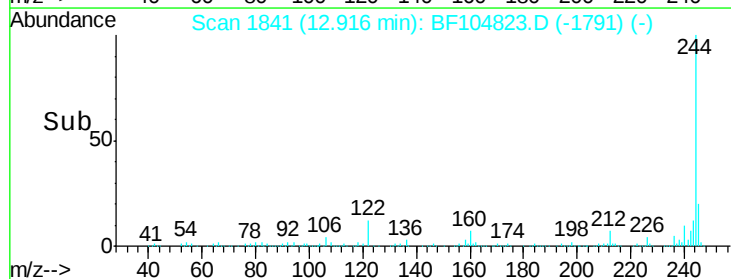
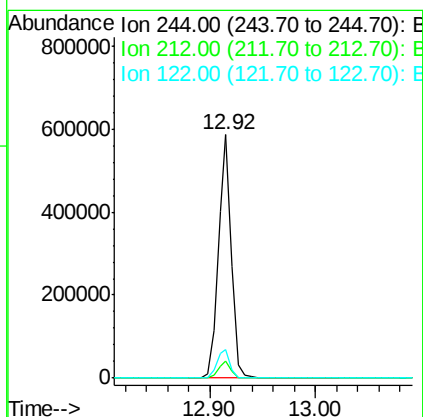
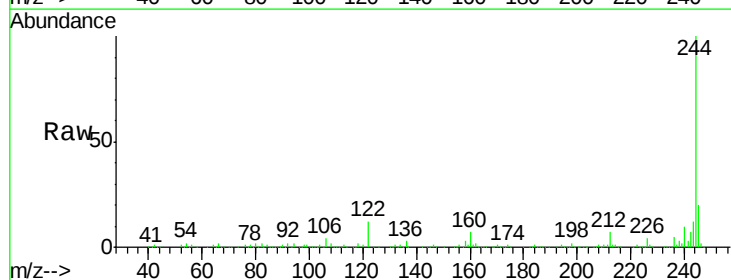
Instrument :
 BNA_F
 ClientSampleId :
 TP-5 4.0-4.5

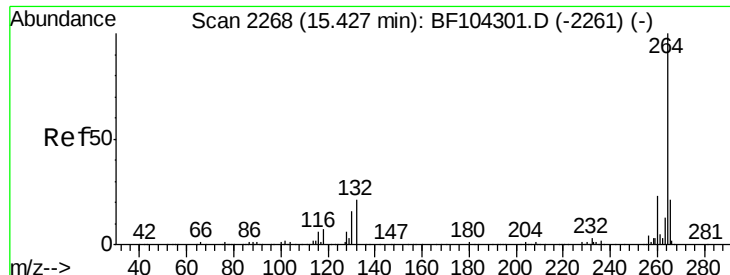
Tot Ion:240 Resp: 241489
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 47.759 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion:244 Resp: 505881
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 11.0 16.4

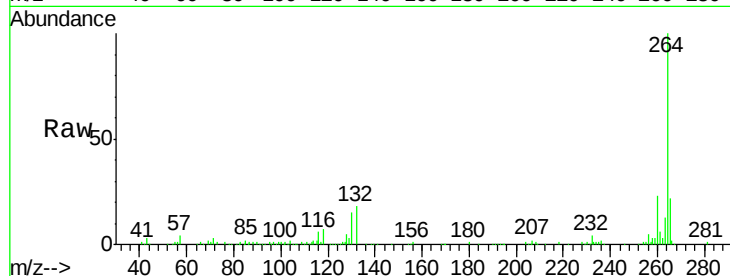




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-5 4.0-4.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	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

