

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104410.D
 Acq On : 10 Apr 2018 15:54
 Operator : JU/SJ
 Sample : J2304-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Apr 10 16:42:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

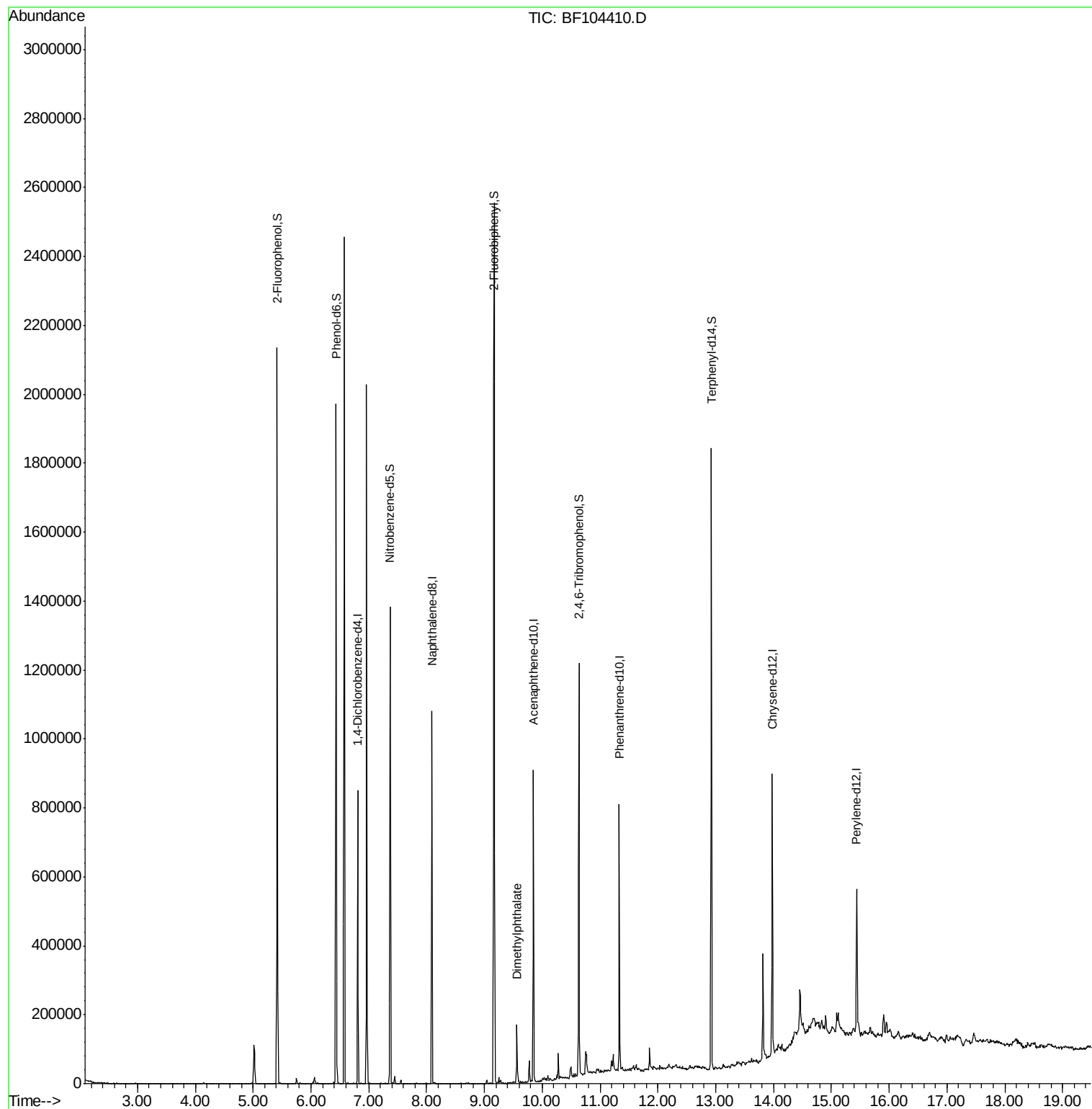
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116207	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	433226	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	164699	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	247464	20.00	ng	0.00
75) Chrysene-d12	13.98	240	260639	20.00	ng	0.00
86) Perylene-d12	15.44	264	191533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659408	86.77	ng	0.01
7) Phenol-d6	6.44	99	789989	84.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	464084	69.95	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	130962	76.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	751090	72.04	ng	0.00
78) Terphenyl-d14	12.93	244	621525	54.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	64785	4.988	ng	Qvalue 100

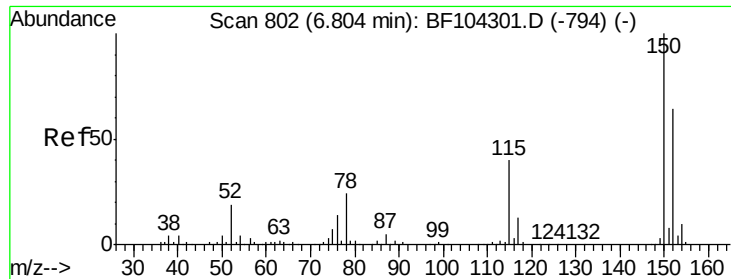
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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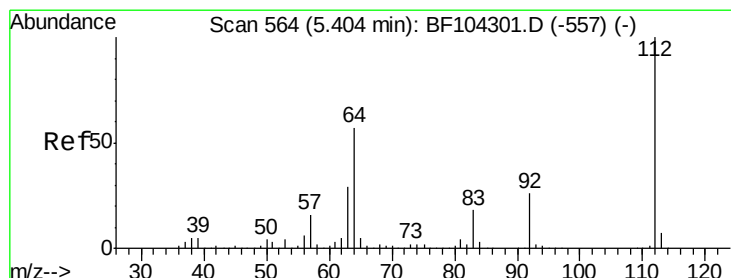
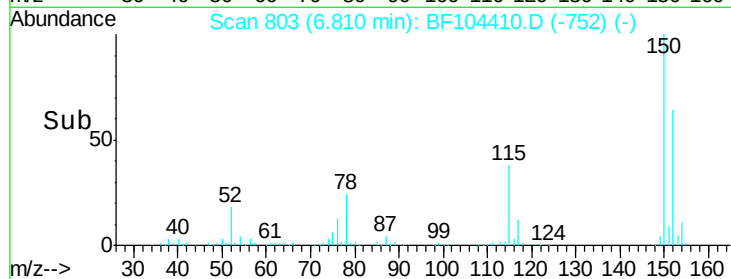
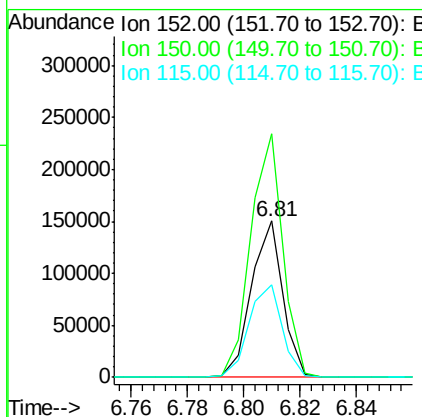
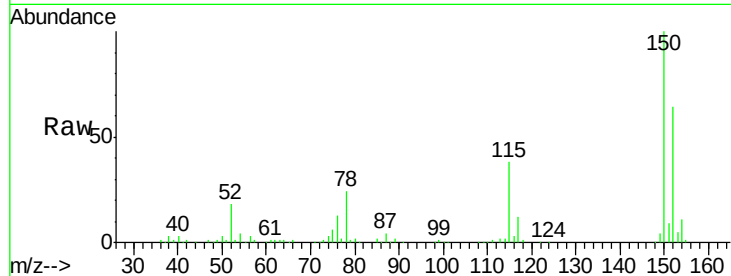


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104410.D
Acq: 10 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :
SP-1

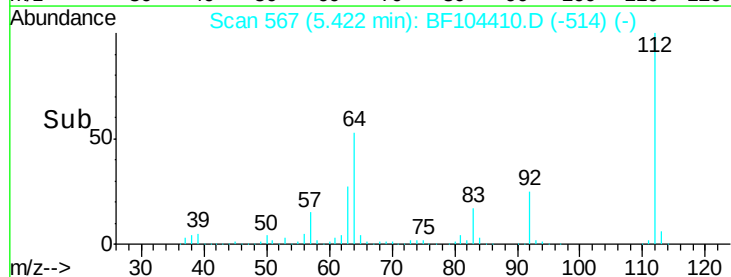
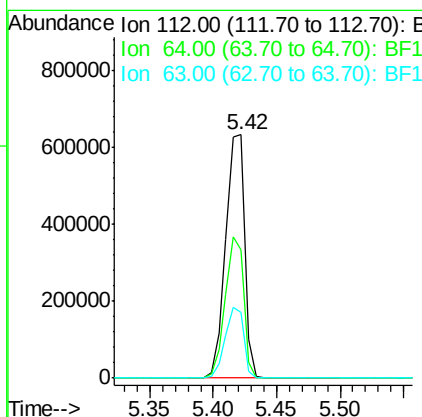
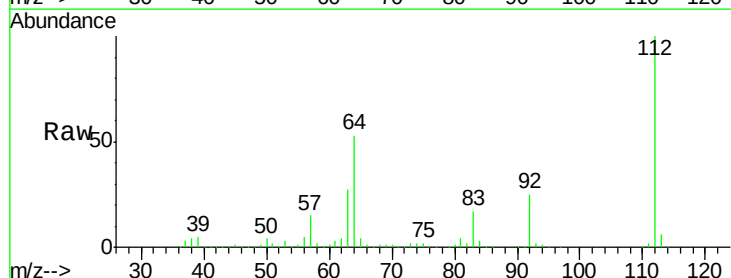
Tot Ion:152 Resp: 116207
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 59.3 50.1 75.1

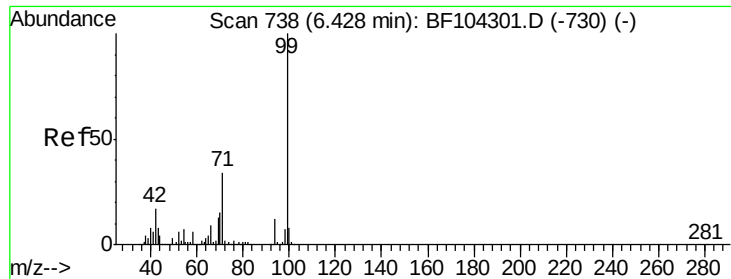


#5

2-Fluorophenol
Concen: 86.765 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104410.D
Acq: 10 Apr 2018 15:54

Tgt Ion:112 Resp: 659408
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 84.601 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104410.D

Acq: 10 Apr 2018 15:54

Instrument :

BNA_F

ClientSampled :

SP-1

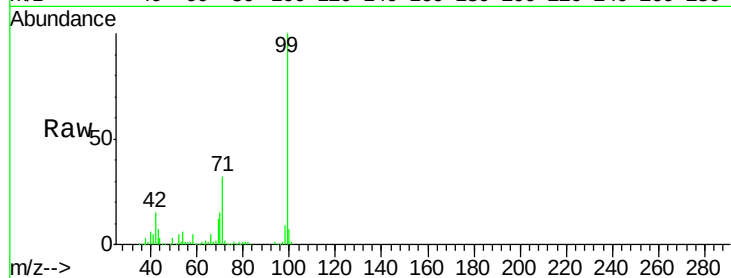
Tot Ion: 99 Resp: 789989

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

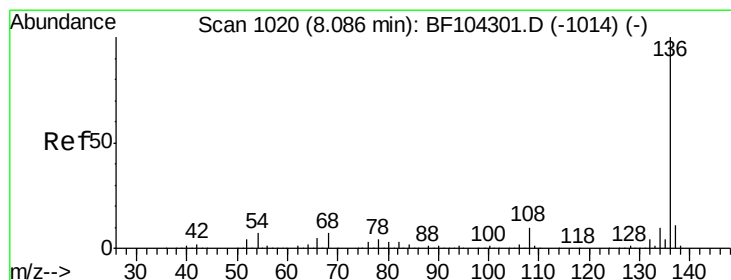
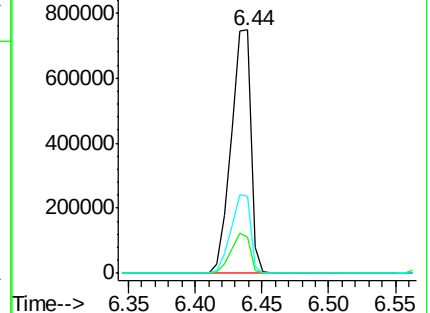
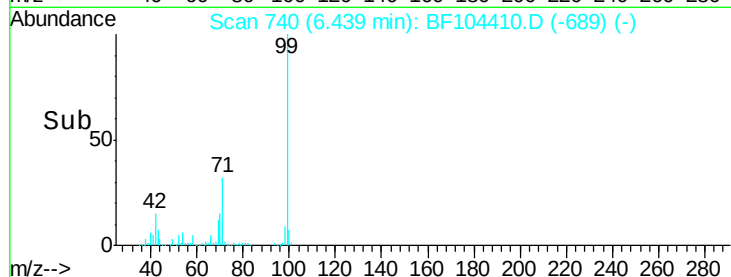
71 31.7 25.4 38.0



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: BF104410.D

Acq: 10 Apr 2018 15:54

Tgt Ion: 136 Resp: 433226

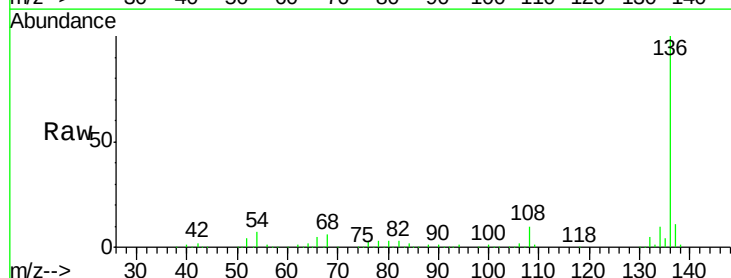
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 6.0 5.0 7.4

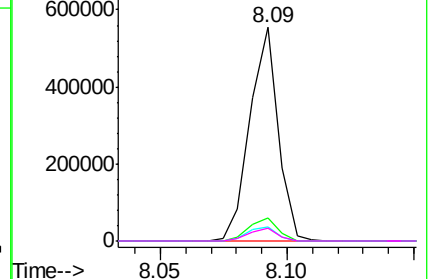
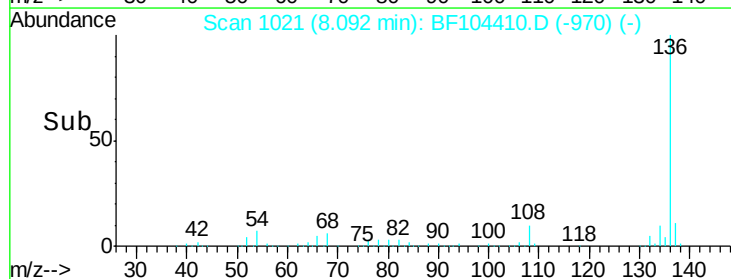


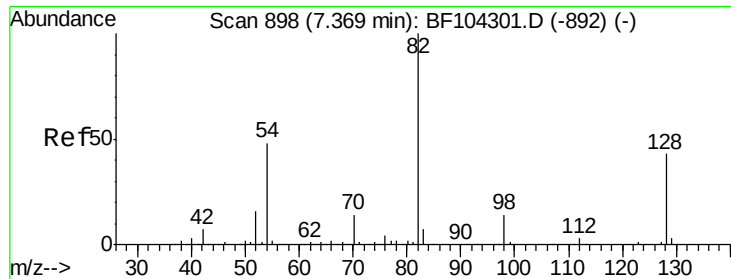
Abundance Ion 136.00 (135.70 to 136.70): E

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

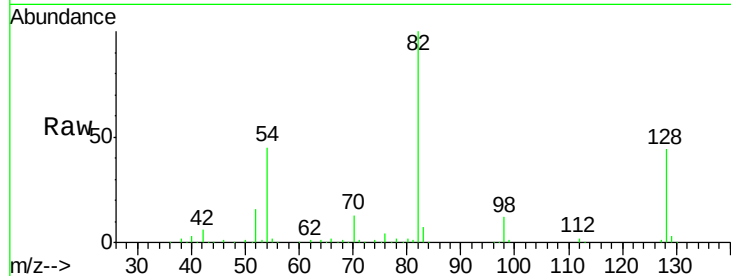




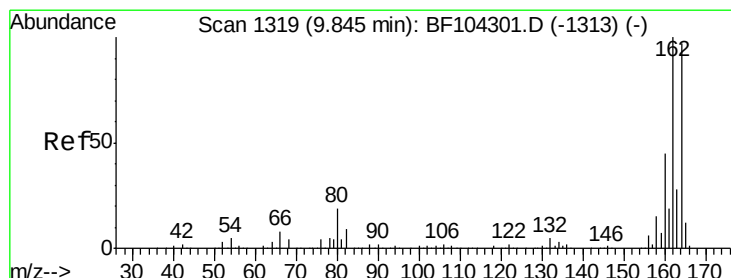
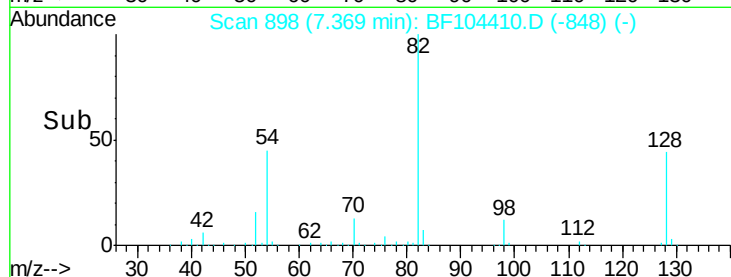
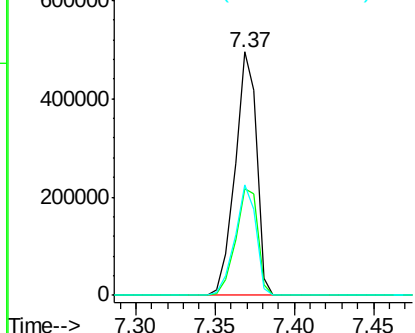
#23
 Nitrobenzene-d5
 Concen: 69.949 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104410.D
 Acq: 10 Apr 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion: 82 Resp: 464084
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 45.2 41.4 62.2

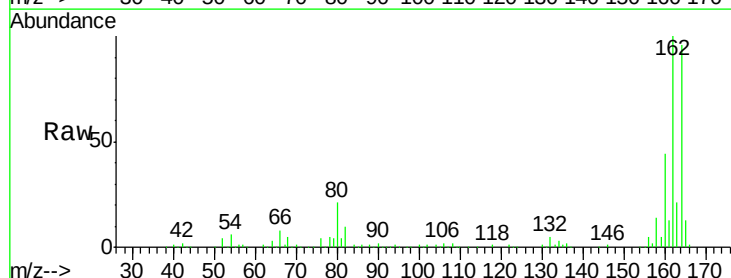


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

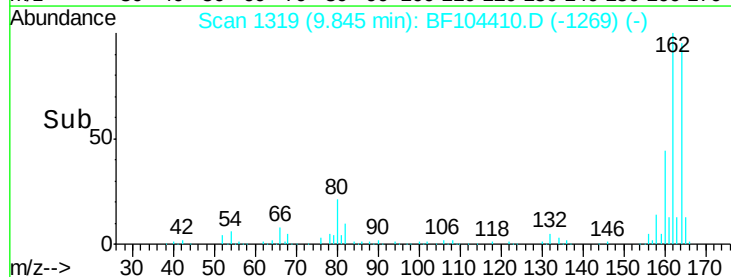
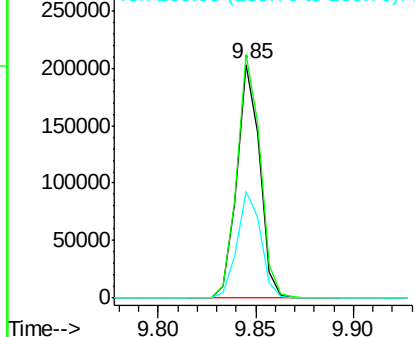


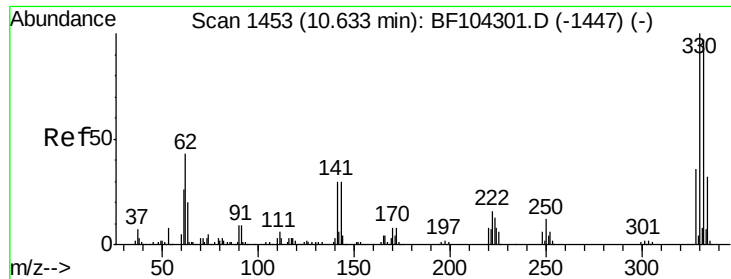
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104410.D
 Acq: 10 Apr 2018 15:54

Tgt Ion: 164 Resp: 164699
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.5 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

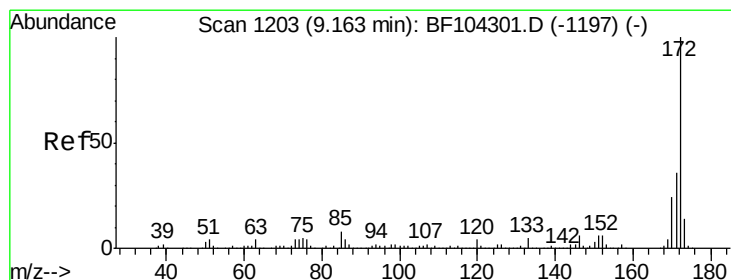
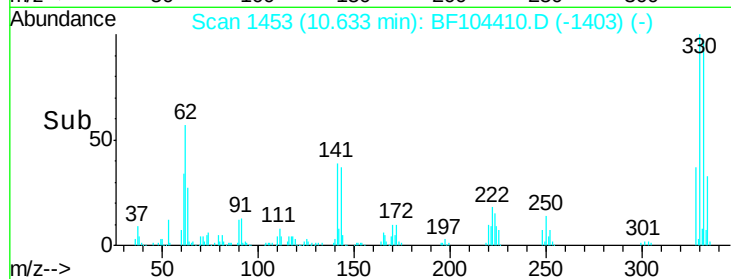
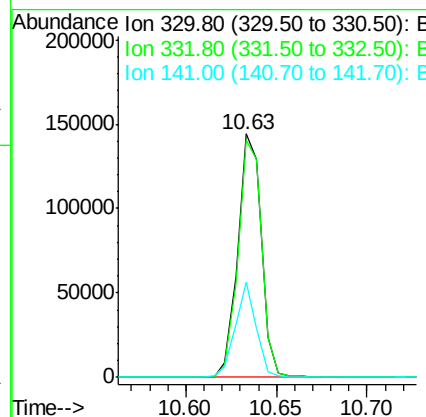
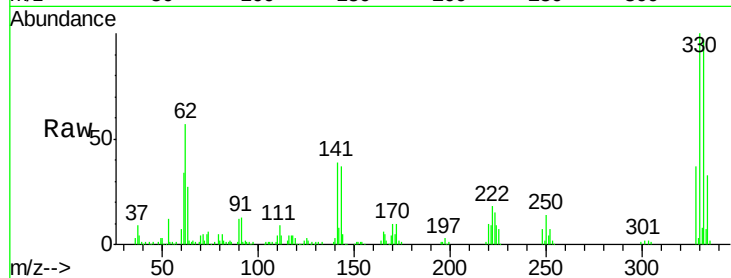




#41
 2,4,6-Tribromophenol
 Concen: 76.655 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104410.D
 Acq: 10 Apr 2018 15:54

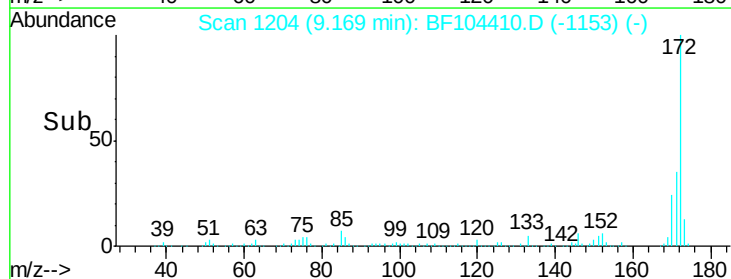
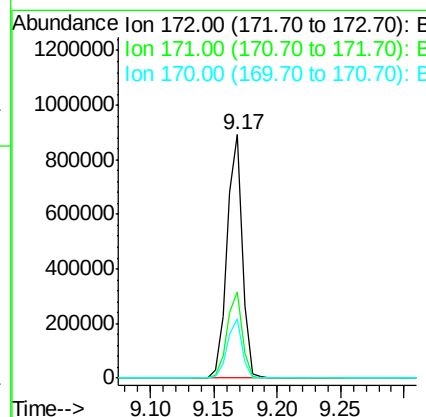
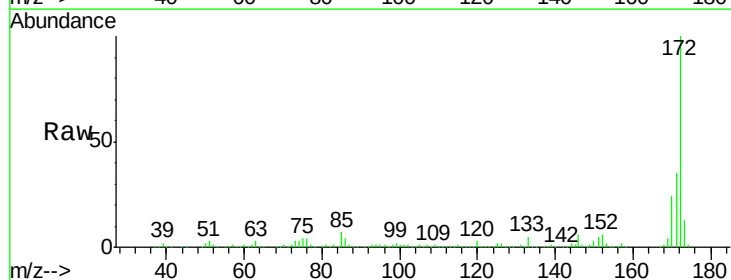
Instrument :
 BNA_F
 ClientSampled :
 SP-1

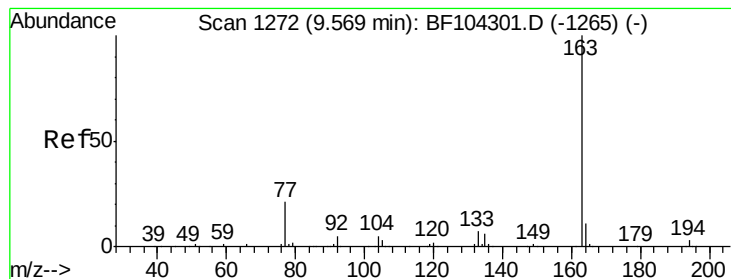
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.043 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104410.D
 Acq: 10 Apr 2018 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 4.988 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104410.D

Acq: 10 Apr 2018 15:54

Instrument :

BNA_F

ClientSampleId :

SP-1

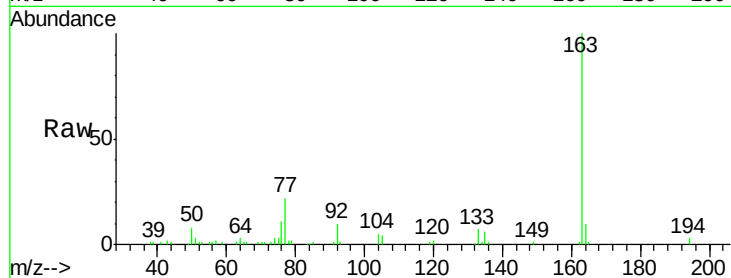
Tot Ion:163 Resp: 64785

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

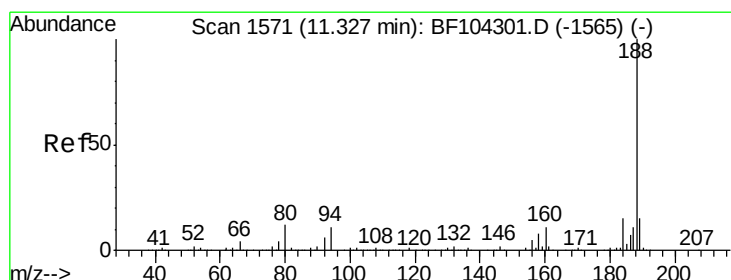
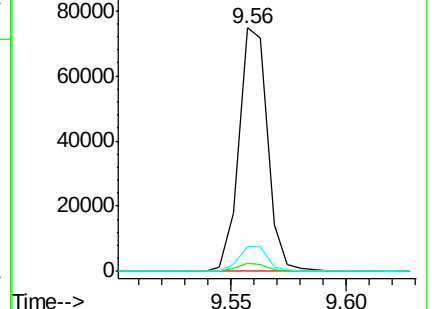
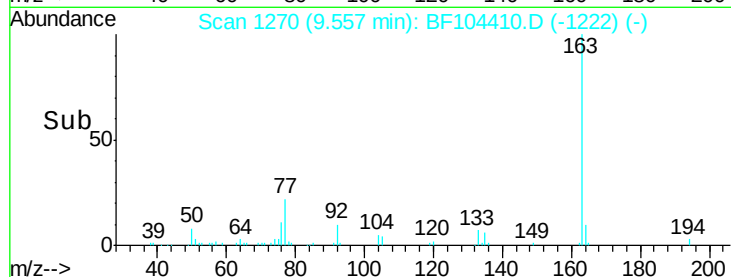
164 10.1 8.2 12.2



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# 1572

Delta R.T. -0.00 min

Lab File: BF104410.D

Acq: 10 Apr 2018 15:54

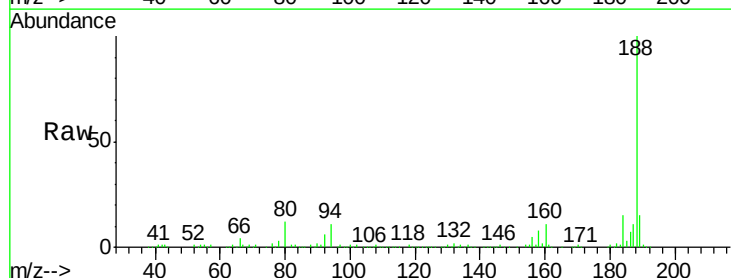
Tgt Ion:188 Resp: 247464

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

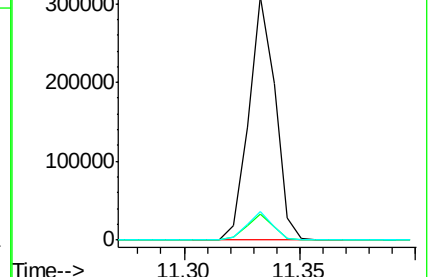
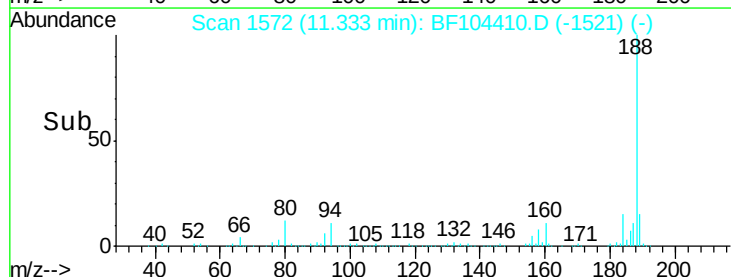
80 11.7 9.2 13.8

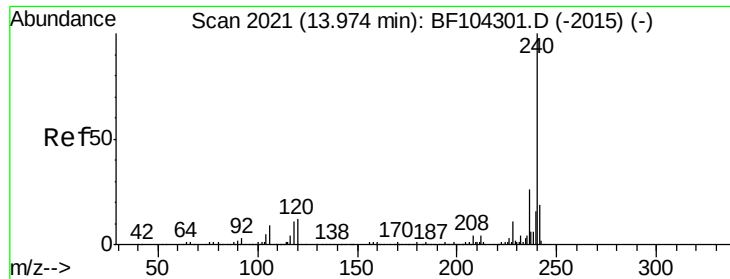


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF104410.D

Acq: 10 Apr 2018 15:54

Instrument :

BNA_F

ClientSampleId :

SP-1

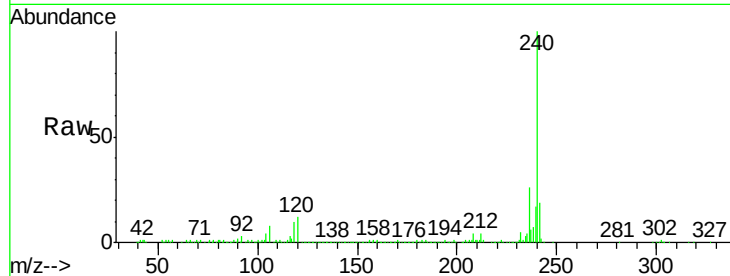
Tot Ion:240 Resp: 260639

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

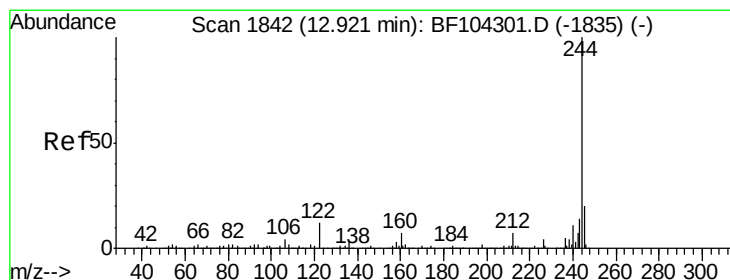
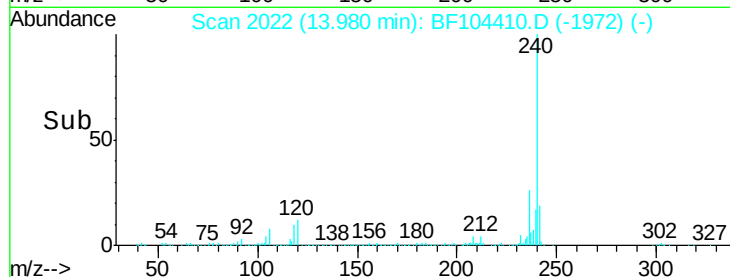
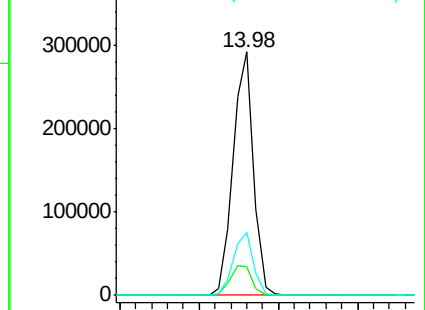
236 25.9 20.7 31.1



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: 54.365 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104410.D

Acq: 10 Apr 2018 15:54

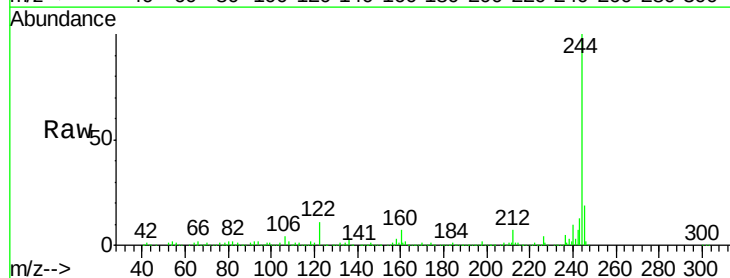
Tgt Ion:244 Resp: 621525

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

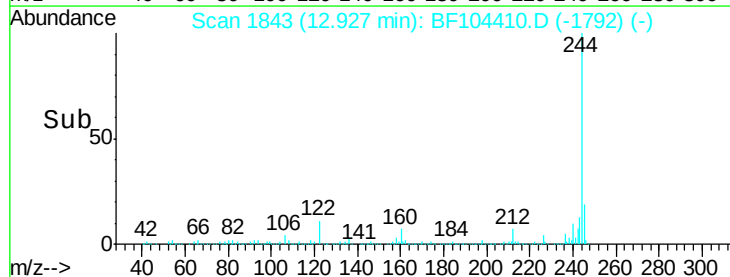
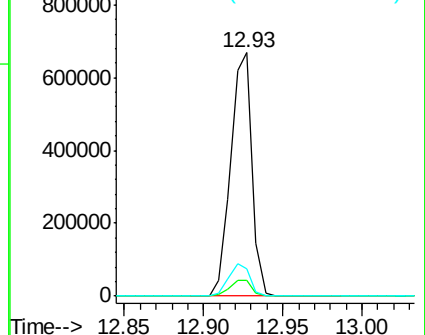
122 11.1 11.0 16.4

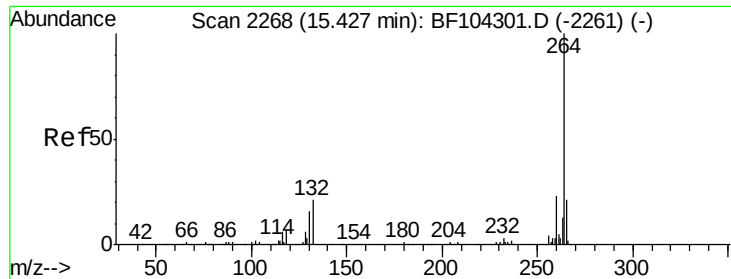


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104410.D
Acq: 10 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.7	17.5	26.3

