

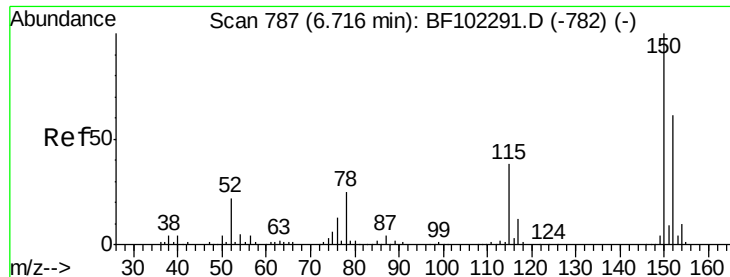
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102580.D
 Acq On : 29 Jan 2018 1:32
 Operator : SJ/JU
 Sample : J1010-08RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-012518RE

Quant Time: Jan 29 06:19:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157694	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	581974	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204954	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	327530	20.00	ng	0.00
75) Chrysene-d12	13.88	240	336116	20.00	ng	0.00
86) Perylene-d12	15.31	264	240218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1139034	109.52	ng	0.01
7) Phenol-d6	6.37	99	1306165	104.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	774544	76.48	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	175984	86.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1053129	75.55	ng	0.00
78) Terphenyl-d14	12.82	244	890021	59.69	ng	0.00
Target Compounds						
10) Phenol	6.37	94	56087	4.097	ng	82
49) Dimethylphthalate	9.47	163	108813	6.423	ng	100
74) Fluoranthene	12.45	202	42723	2.195	ng	97

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

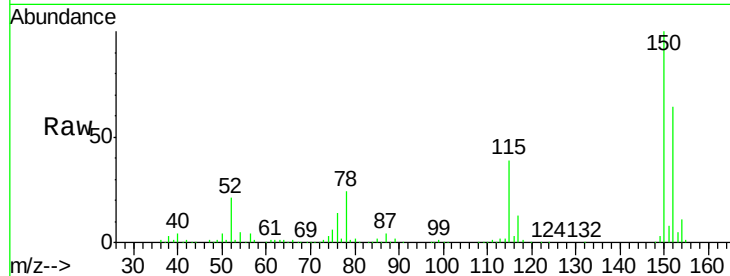


#1

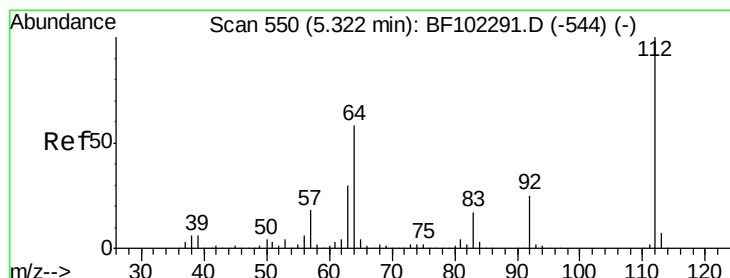
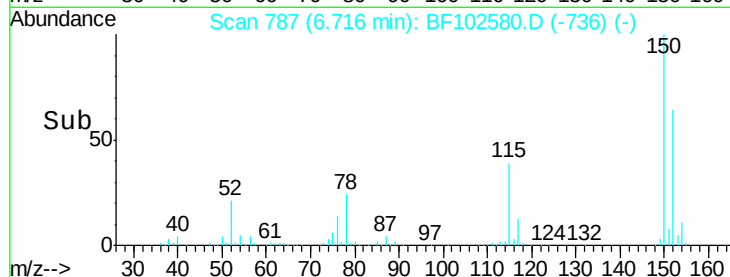
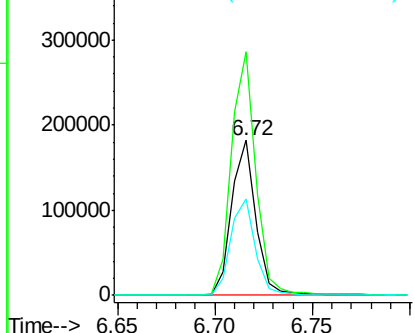
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :
BU-01-012518RE

Tot Ion:152 Resp: 157694
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.9 50.1 75.1



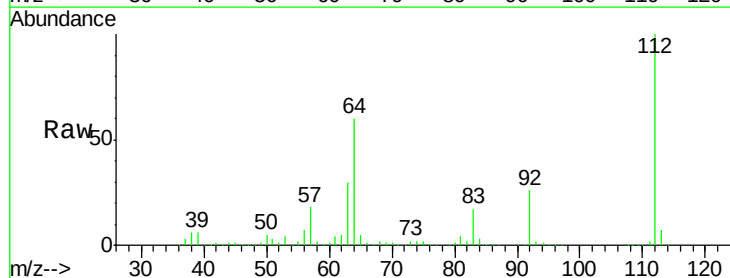
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



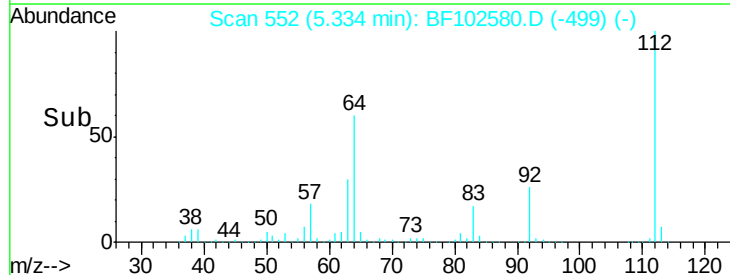
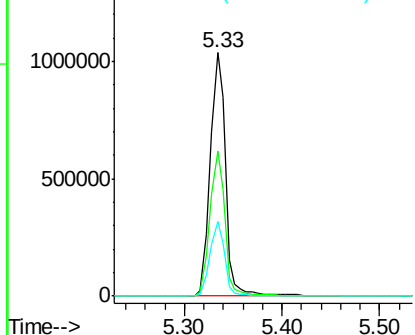
#5

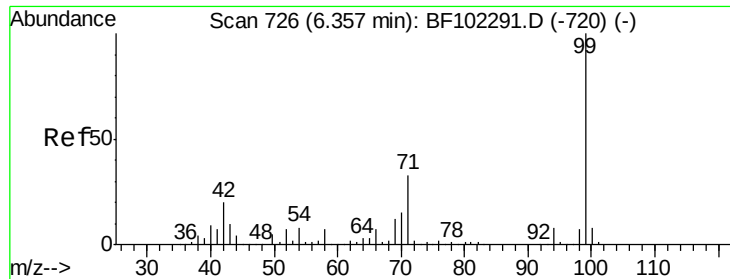
2-Fluorophenol
Concen: 109.520 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion:112 Resp: 1139034
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.5 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: 104.173 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

Instrument :

BNA_F

ClientSampleId :

BU-01-012518RE

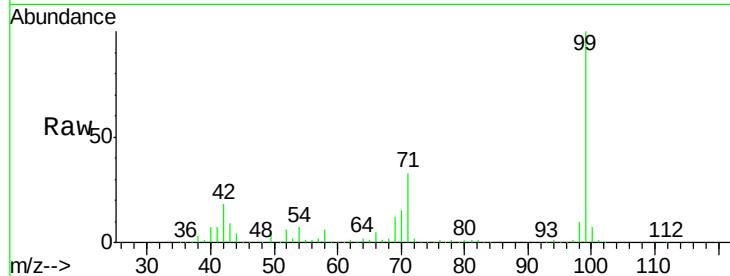
Tot Ion: 99 Resp: 1306165

Ion Ratio Lower Upper

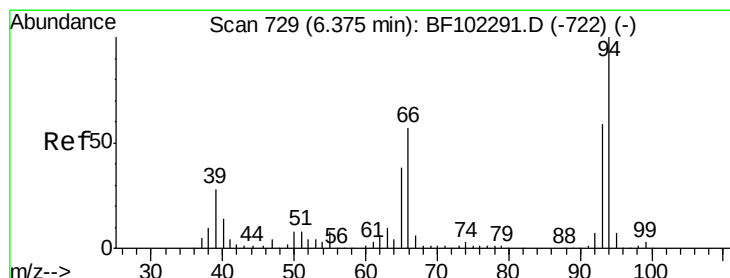
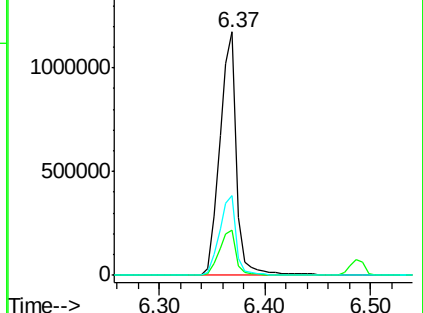
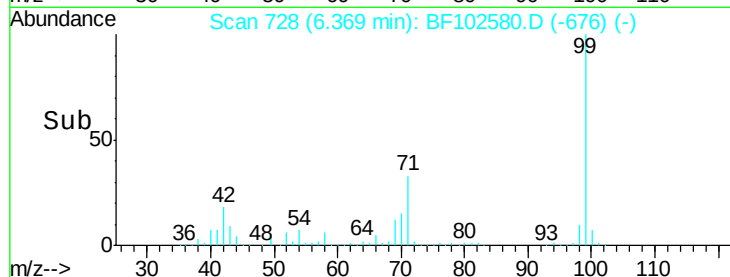
99 100

42 18.4 14.5 21.7

71 32.6 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



#10

Phenol

Concen: 4.097 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

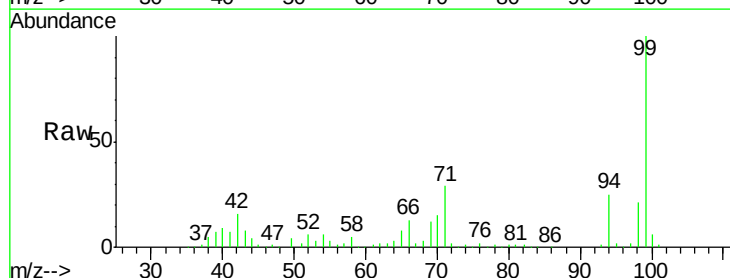
Tgt Ion: 94 Resp: 56087

Ion Ratio Lower Upper

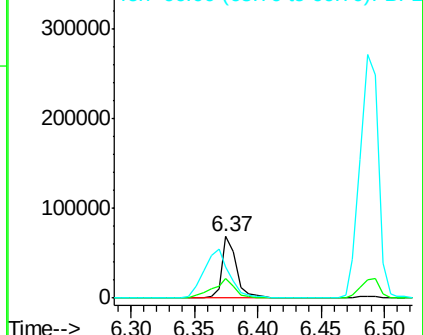
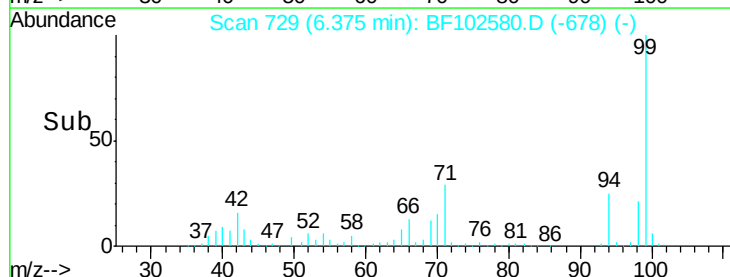
94 100

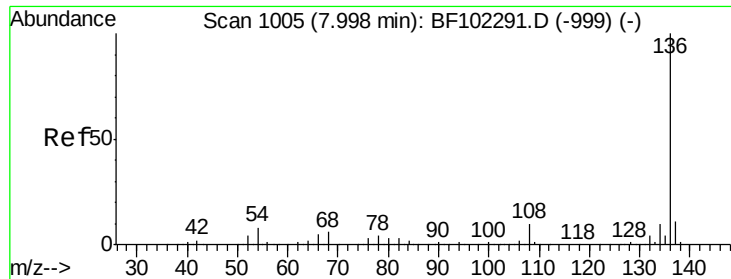
65 32.4 7.9 47.9

66 50.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

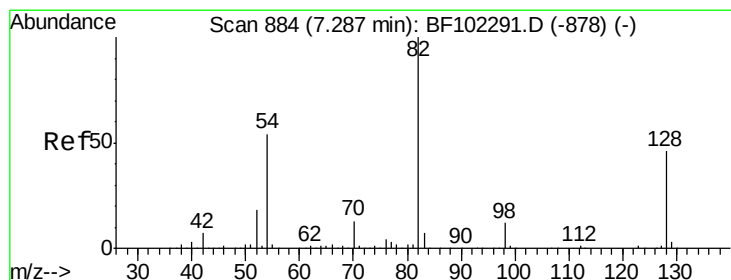
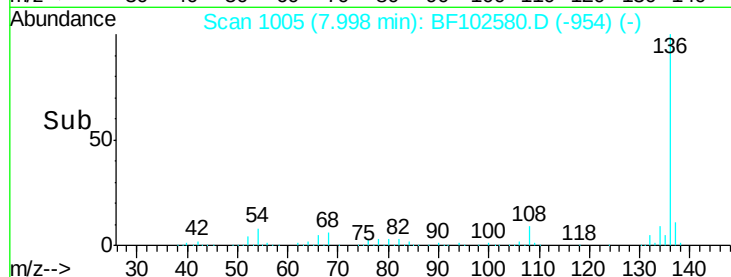
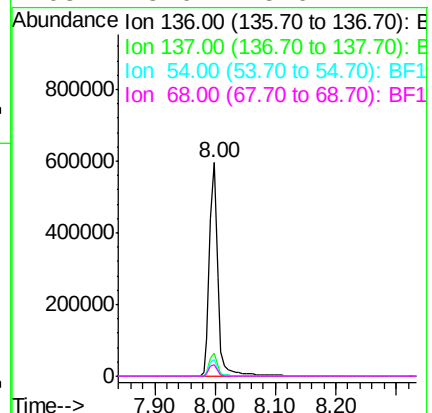
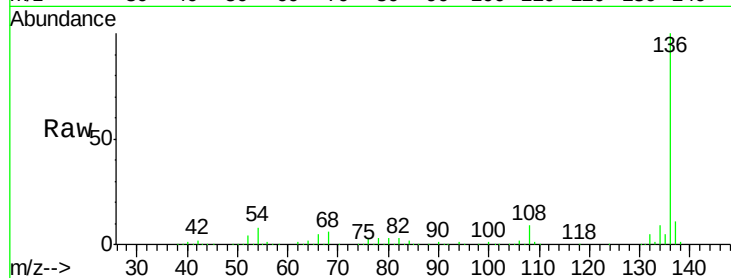




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

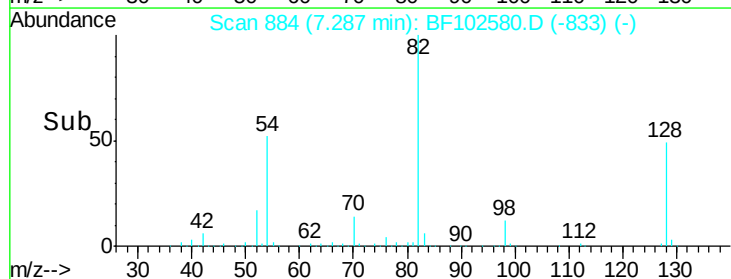
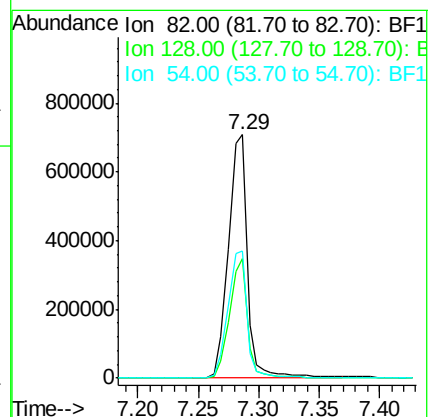
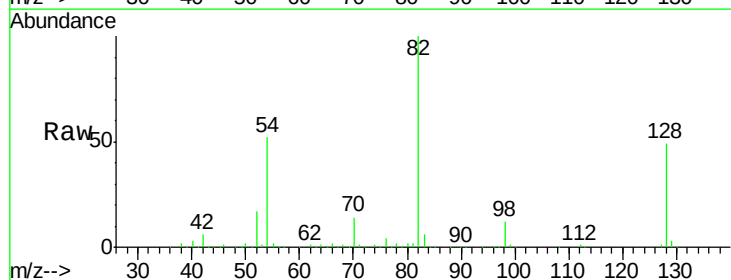
Instrument :
BNA_F
ClientSampleId :
BU-01-012518RE

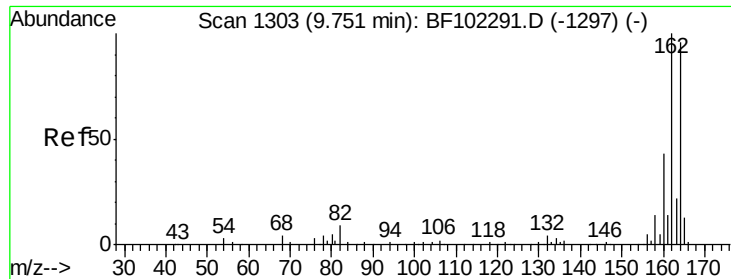
Tot Ion:136 Resp: 581974
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 6.6 9.8
68 5.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 76.482 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion: 82 Resp: 774544
Ion Ratio Lower Upper
82 100
128 48.9 36.1 54.1
54 52.2 41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

Instrument :

BNA_F

ClientSampleId :

BU-01-012518RE

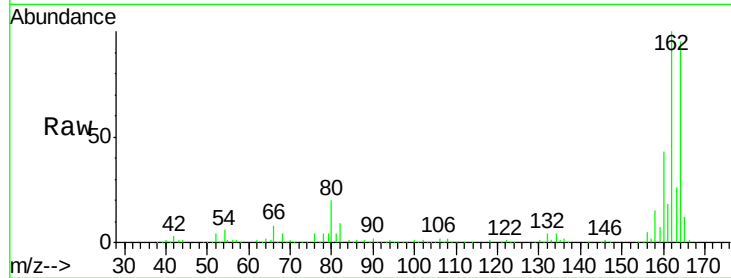
Tot Ion:164 Resp: 204954

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

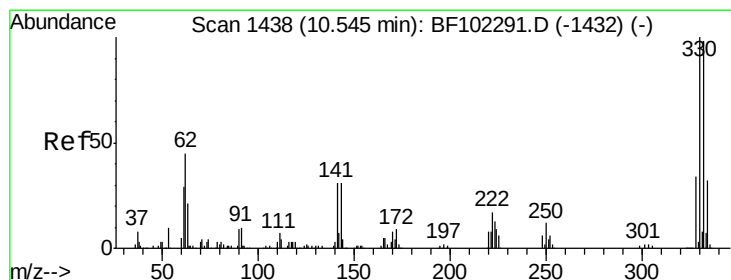
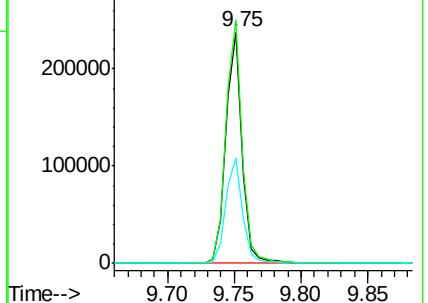
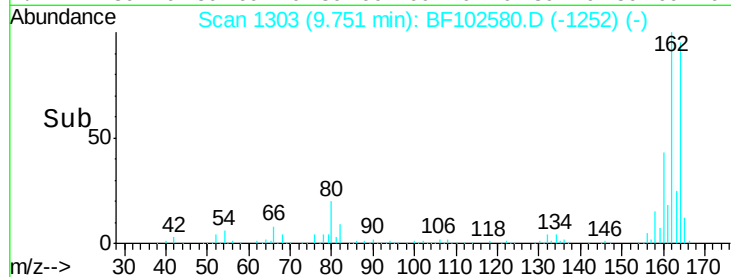
160 45.6 38.3 57.5



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: 86.658 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

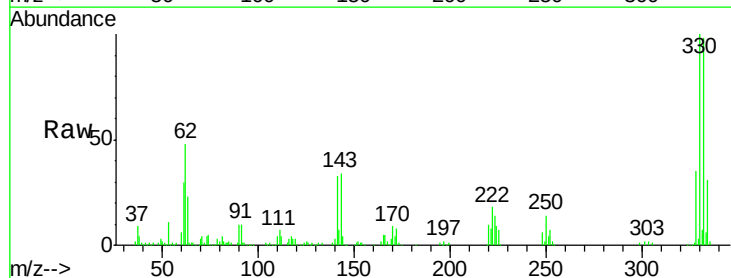
Tgt Ion:330 Resp: 175984

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

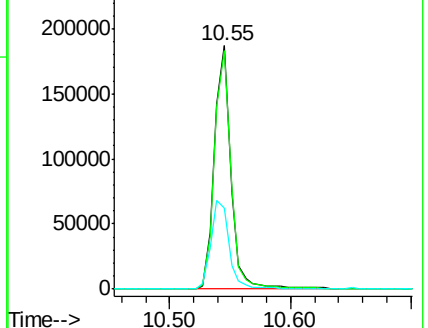
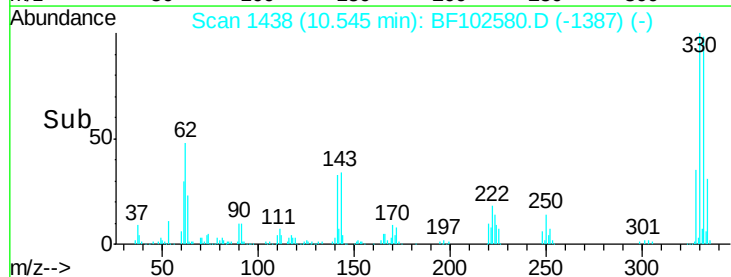
141 40.0 29.9 44.9

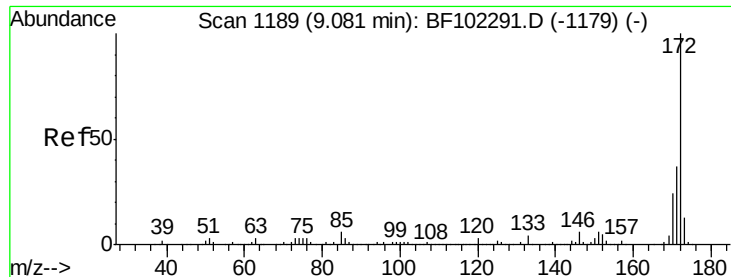


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

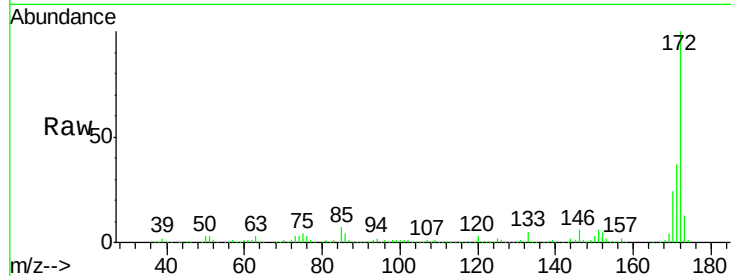




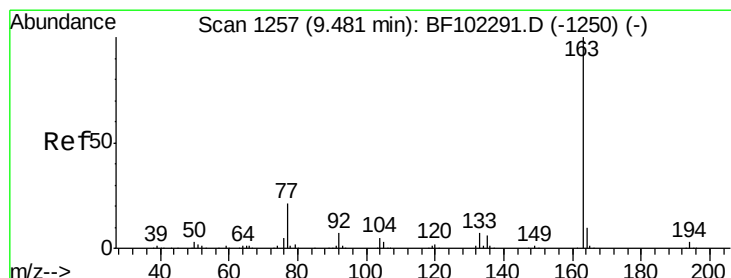
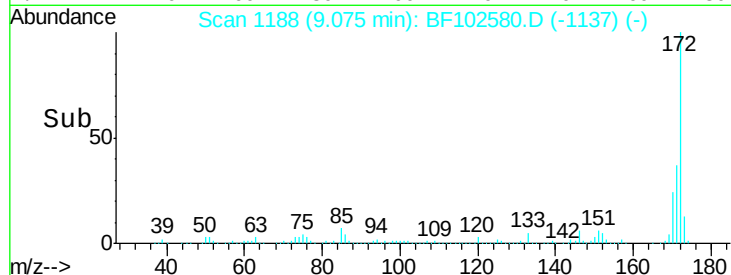
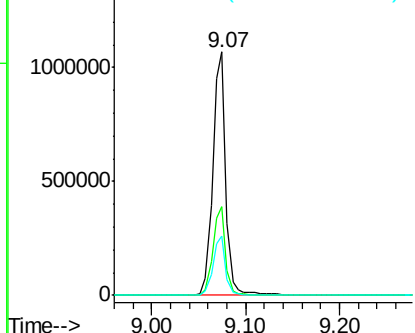
#44
2-Fluorobiphenyl
Concen: 75.552 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :
BU-01-012518RE

Tot Ion:172 Resp: 1053129
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.4 19.6 29.4

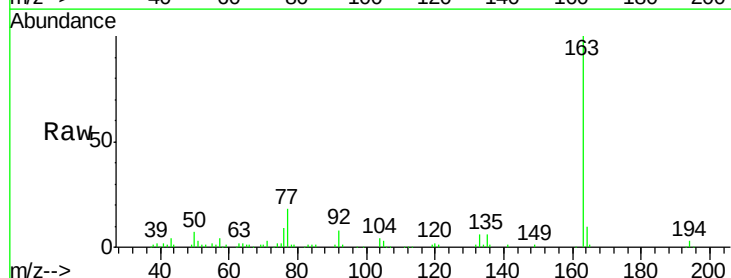


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

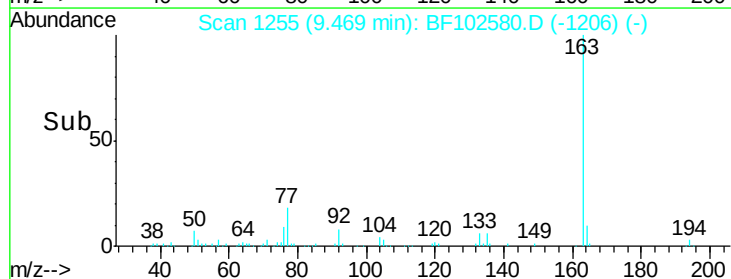
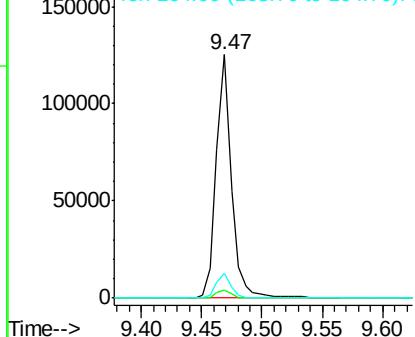


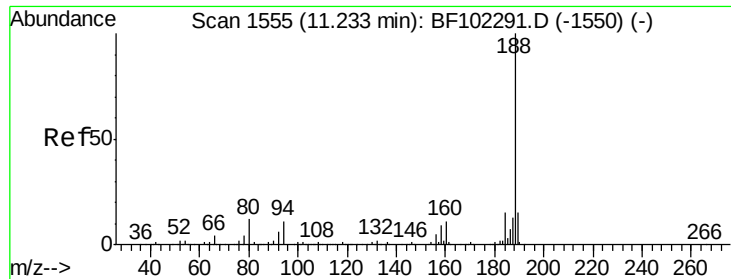
#49
Dimethylphthalate
Concen: 6.423 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion:163 Resp: 108813
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 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

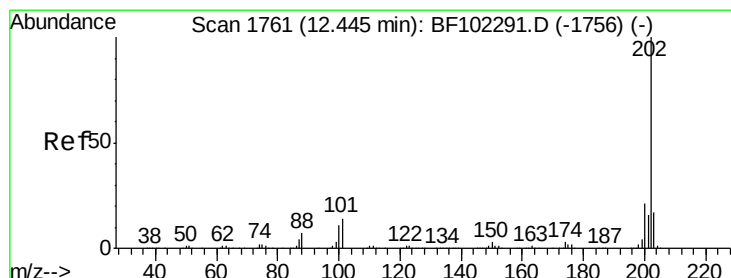
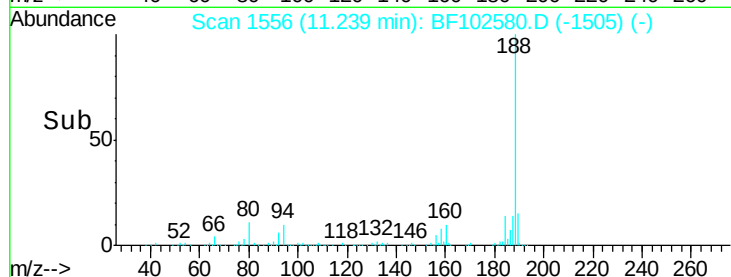
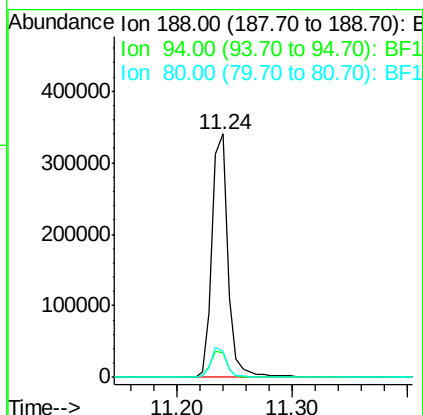
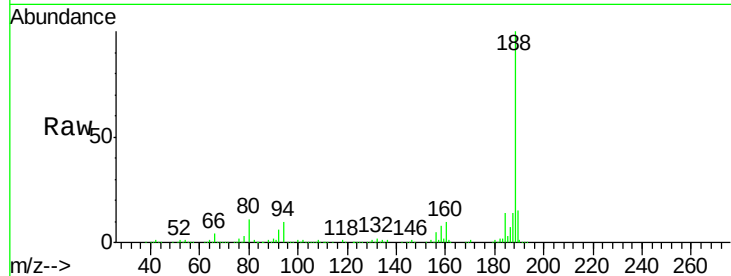




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

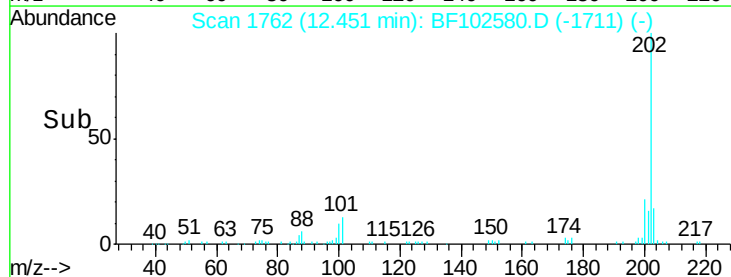
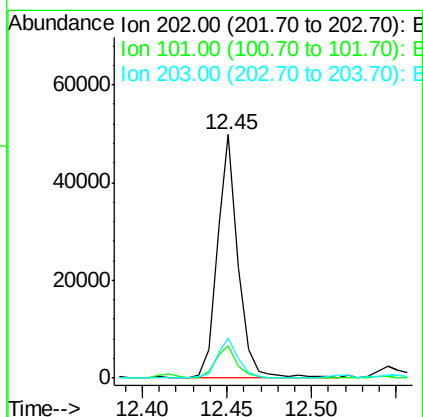
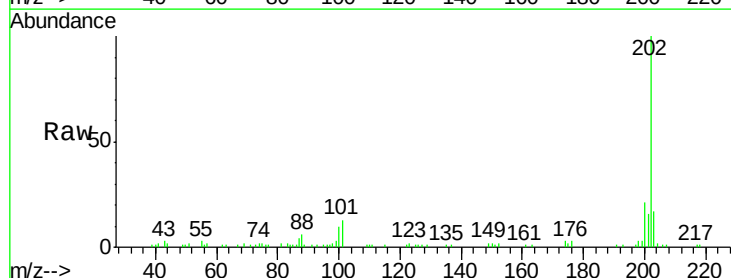
Instrument :
BNA_F
ClientSampleId :
BU-01-012518RE

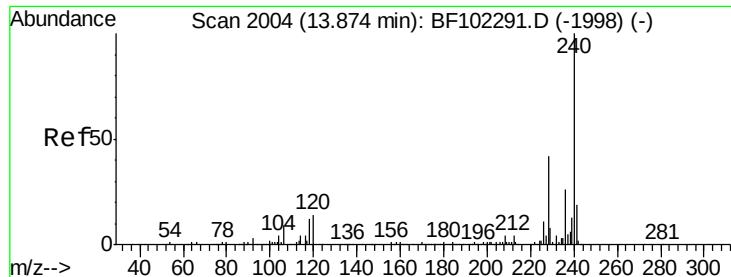
Tot Ion:188 Resp: 327530
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.7 9.2 13.8



#74
Fluoranthene
Concen: 2.195 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion:202 Resp: 42723
Ion Ratio Lower Upper
202 100
101 13.4 0.0 34.1
203 16.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

Instrument :

BNA_F

ClientSampleId :

BU-01-012518RE

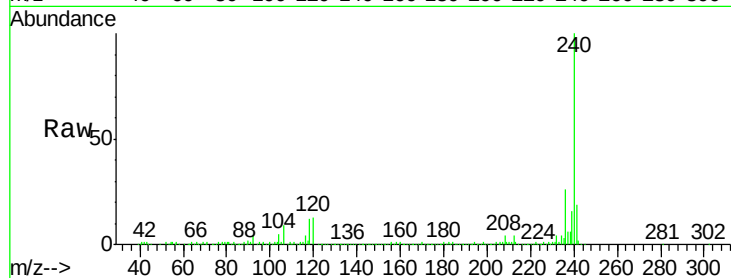
Tot Ion:240 Resp: 336116

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

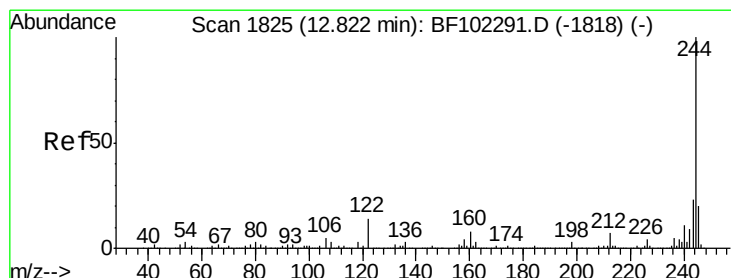
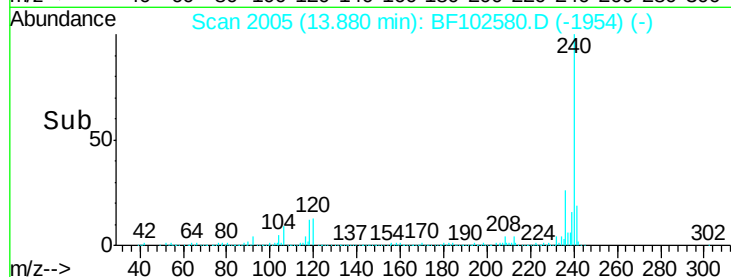
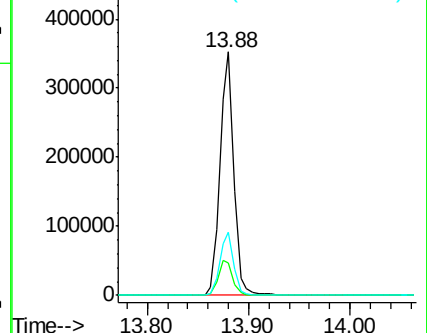
236 25.8 20.7 31.1



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: 59.694 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

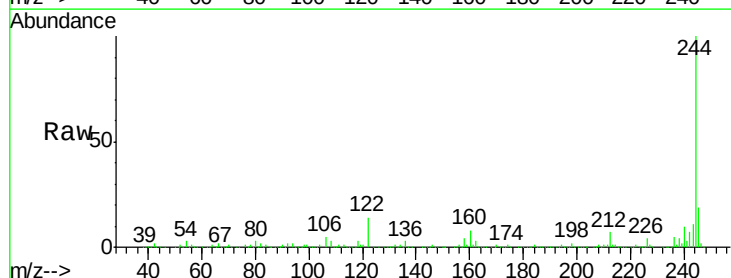
Tgt Ion:244 Resp: 890021

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

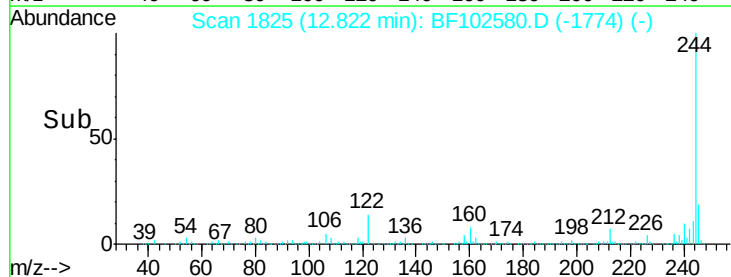
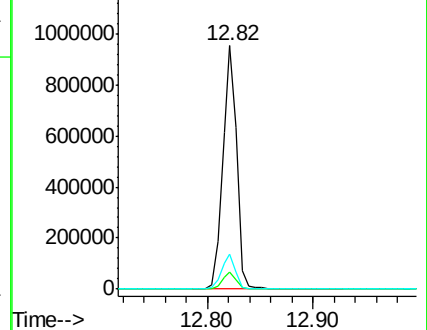
122 14.3 11.0 16.4

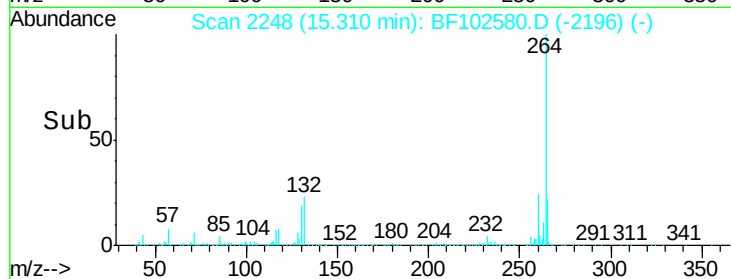
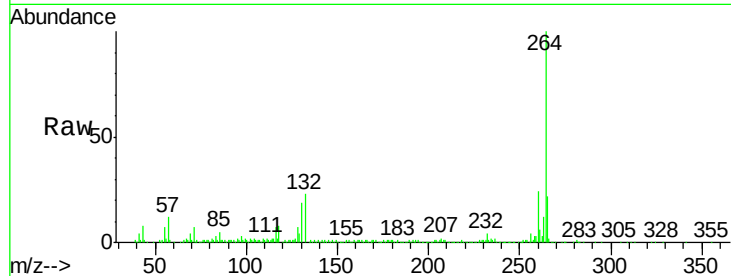
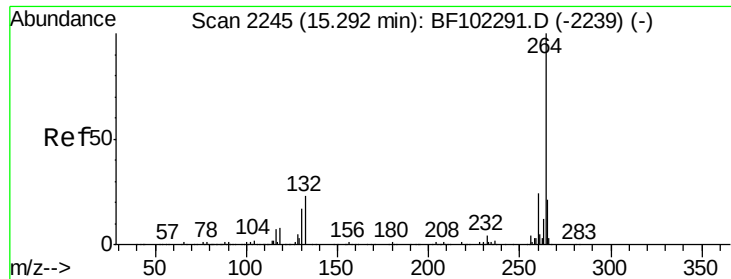


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :
BU-01-012518RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3

