

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102567.D
 Acq On : 28 Jan 2018 19:43
 Operator : SJ/JU
 Sample : J1290-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

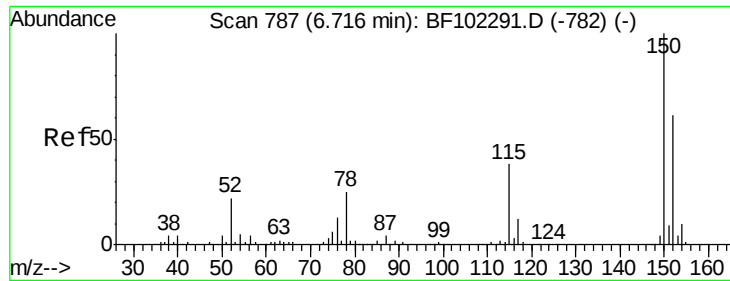
Instrument :
 BNA_F
 ClientSampleId :
 SB-50-9.5-10.0

Quant Time: Jan 29 04:31:15 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	6.71	152	183738	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	773661	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	332430	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	498110	20.00	ng	0.00
75) Chrysene-d12	13.87	240	342618	20.00	ng	0.00
86) Perylene-d12	15.30	264	312018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	36282	2.99	ng	0.00
7) Phenol-d6	6.36	99	49826	3.41	ng	0.00
23) Nitrobenzene-d5	7.28	82	27367	2.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	7571	2.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	64549	2.86	ng	0.00
78) Terphenyl-d14	12.82	244	42667	2.81	ng	0.00

Target Compounds Qvalue

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

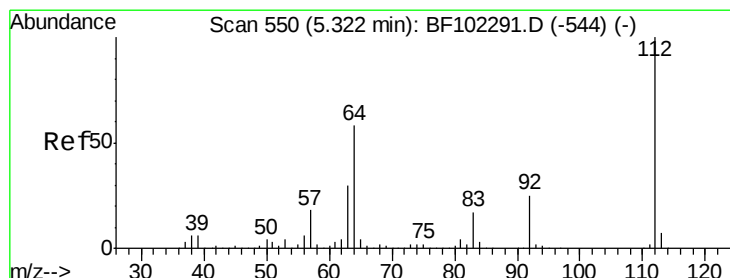
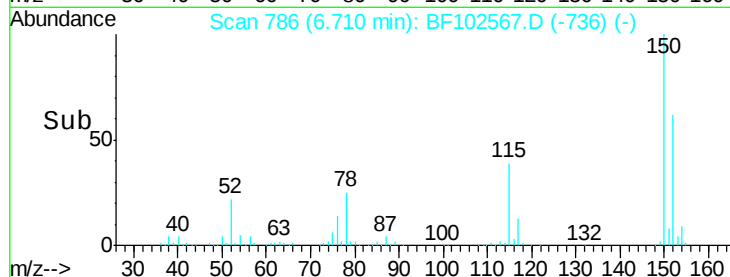
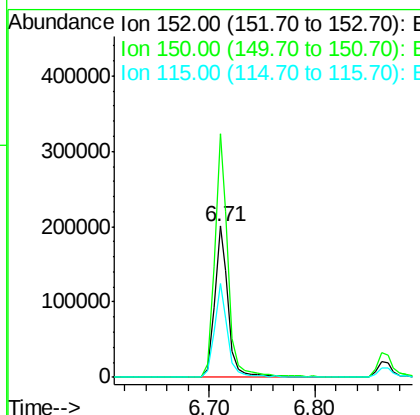
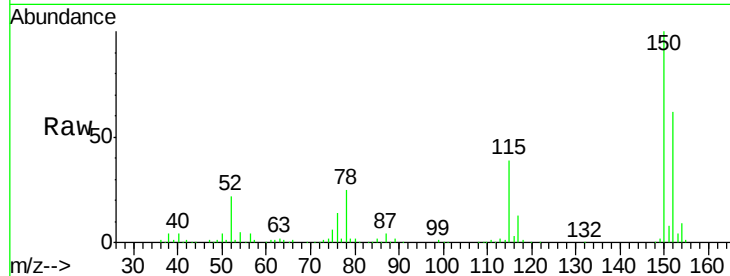


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-9.5-10.0

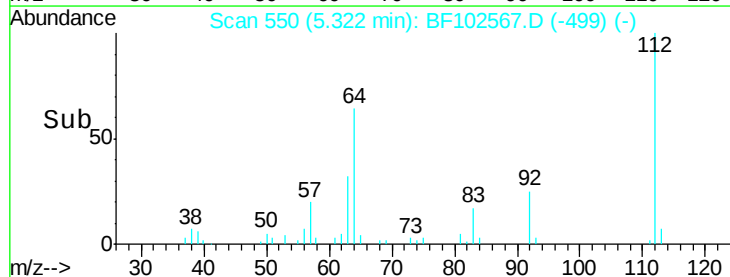
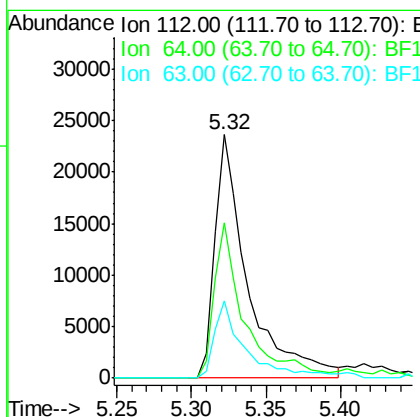
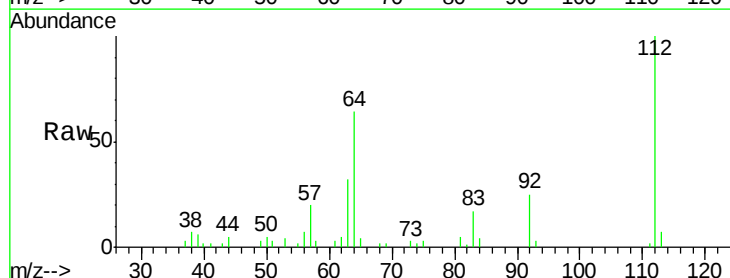
Tot Ion:152 Resp: 183738
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.6 186.8
 115 62.1 50.1 75.1

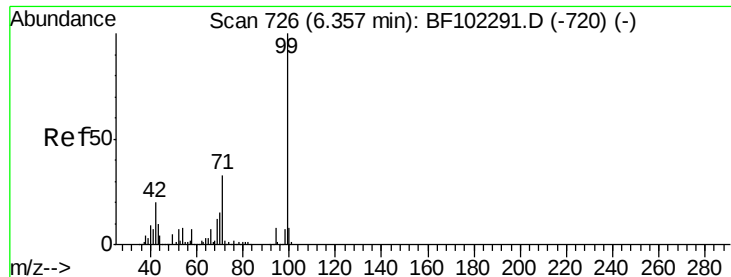


#5

2-Fluorophenol
 Concen: 2.994 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Tgt Ion:112 Resp: 36282
 Ion Ratio Lower Upper
 112 100
 64 63.6 47.9 71.9
 63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 3.411 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-50-9.5-10.0

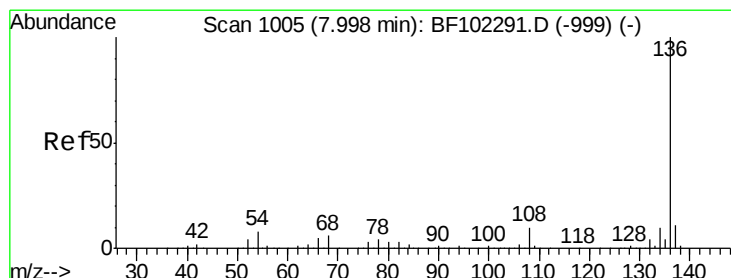
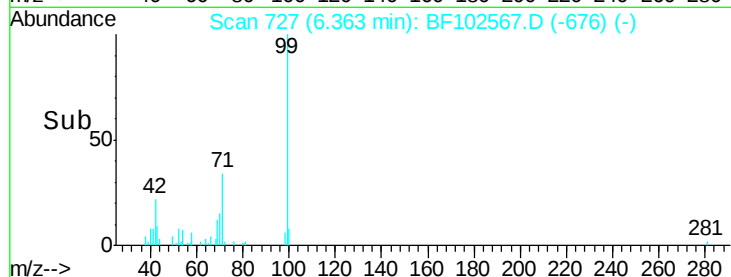
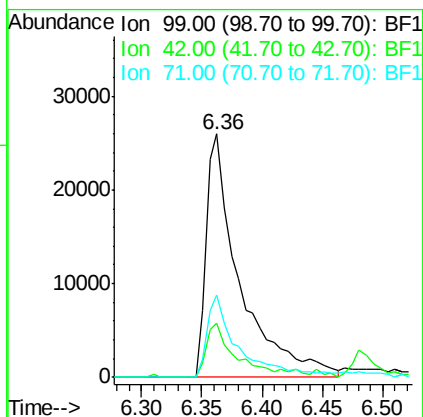
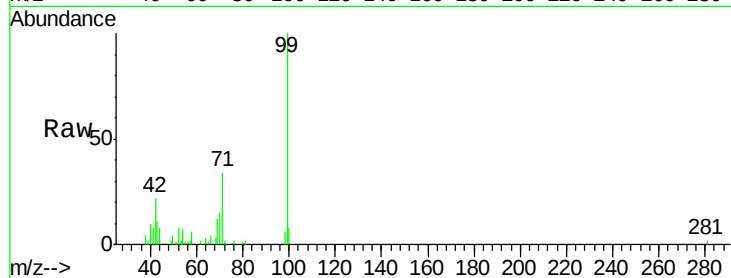
Tot Ion: 99 Resp: 49826

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

71 33.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Tgt Ion: 136 Resp: 773661

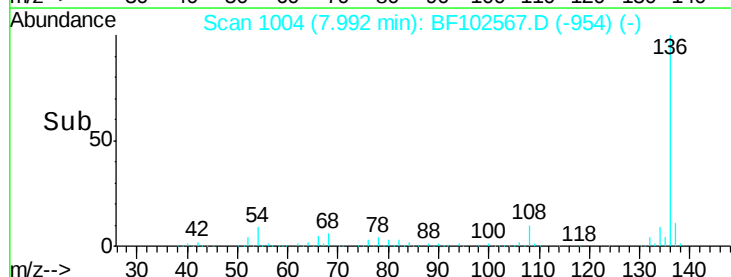
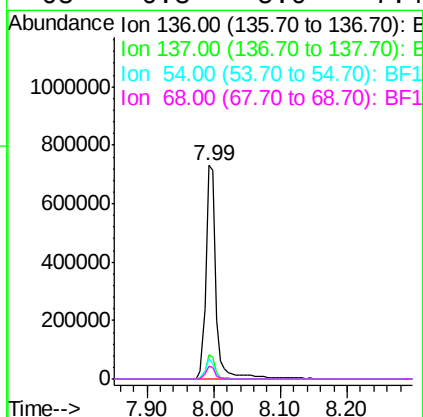
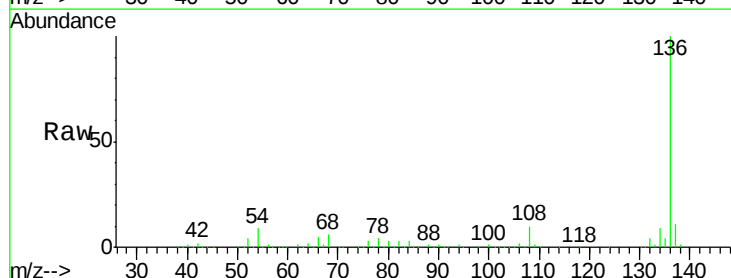
Ion Ratio Lower Upper

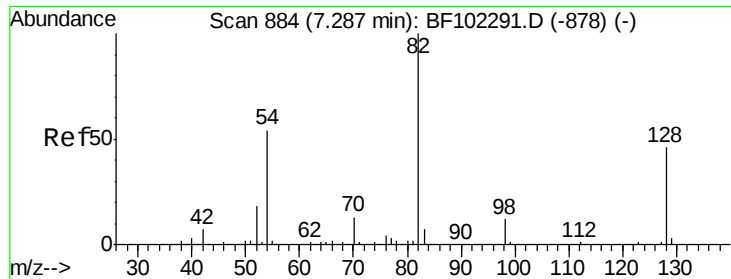
136 100

137 11.5 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

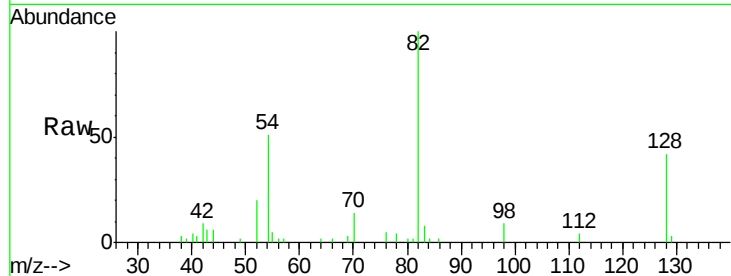




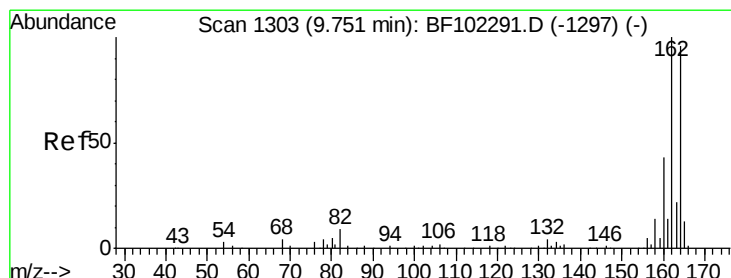
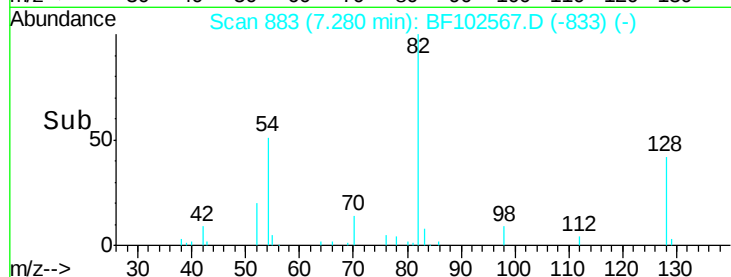
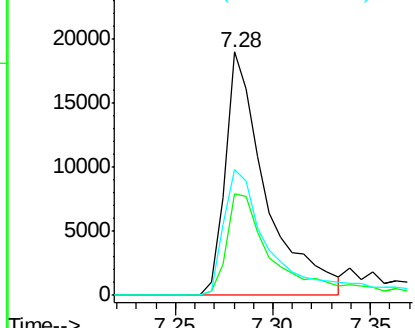
#23
 Nitrobenzene-d5
 Concen: 2.033 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-9.5-10.0

Tot Ion	82	Resp	27367
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.1	54.1
54	51.5	41.4	62.2

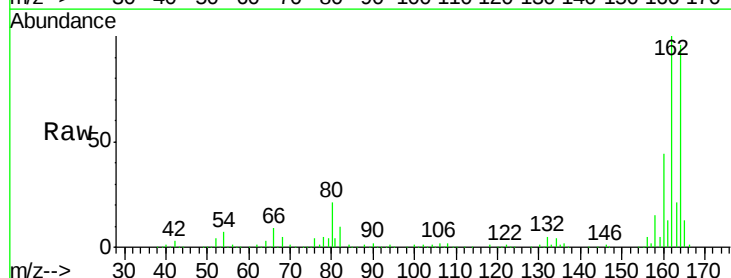


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

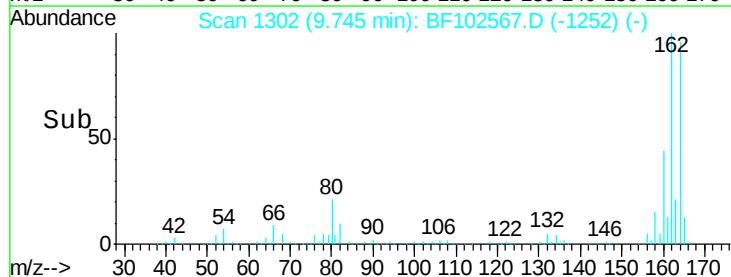
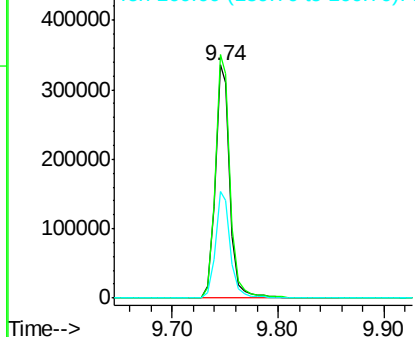


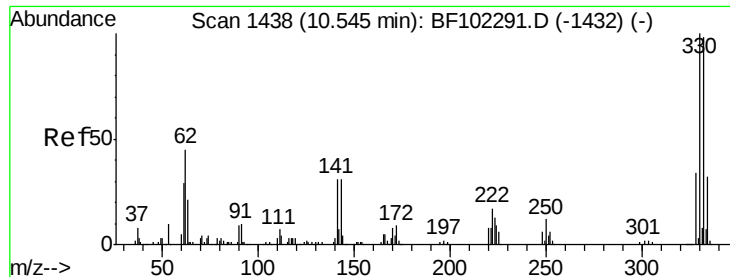
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Tgt Ion	164	Resp	332430
Ion Ratio	Lower	Upper	
164	100		
162	104.5	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: 2.298 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-50-9.5-10.0

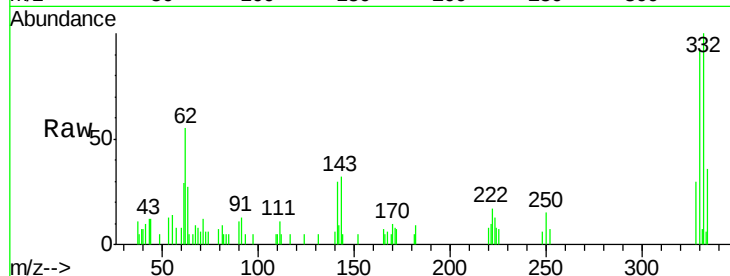
Tot Ion:330 Resp: 7571

Ion Ratio Lower Upper

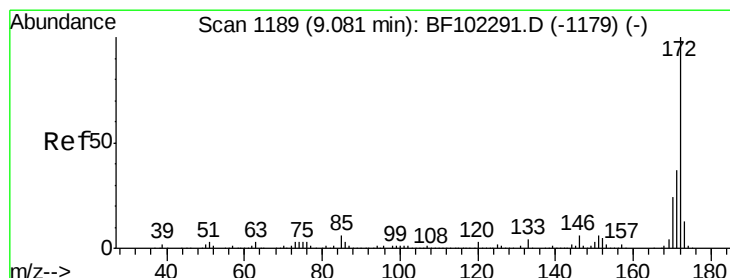
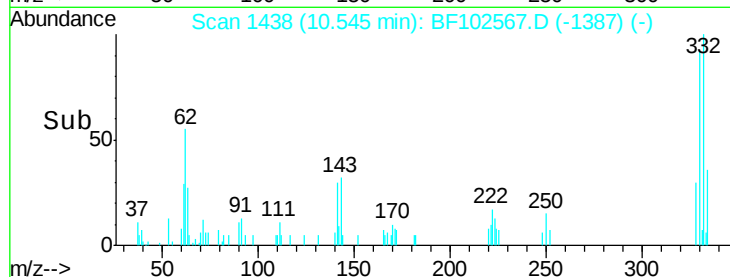
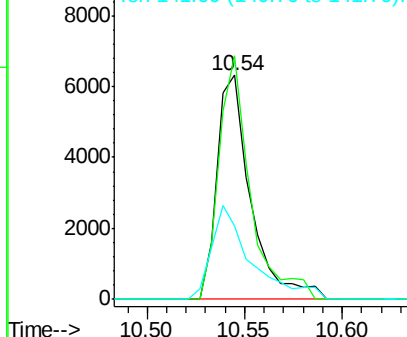
330 100

332 101.0 77.0 115.6

141 49.3 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: 2.855 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

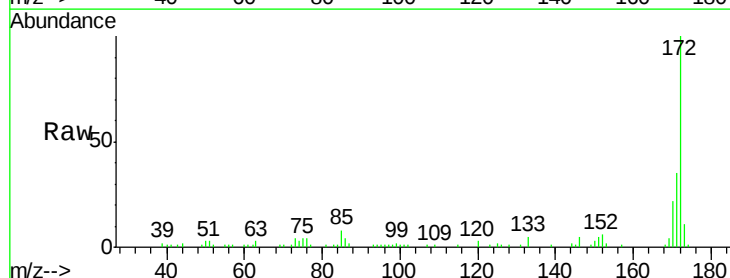
Tgt Ion:172 Resp: 64549

Ion Ratio Lower Upper

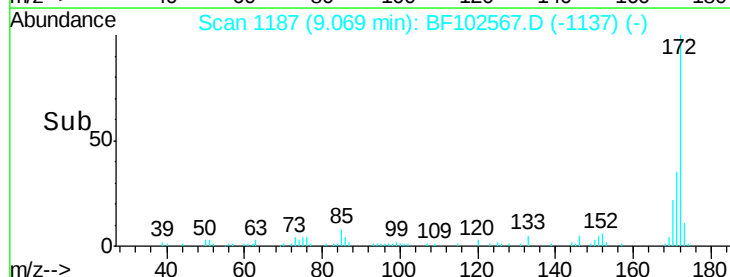
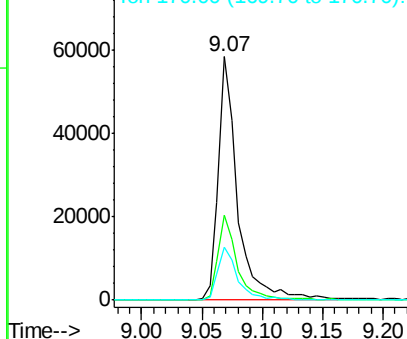
172 100

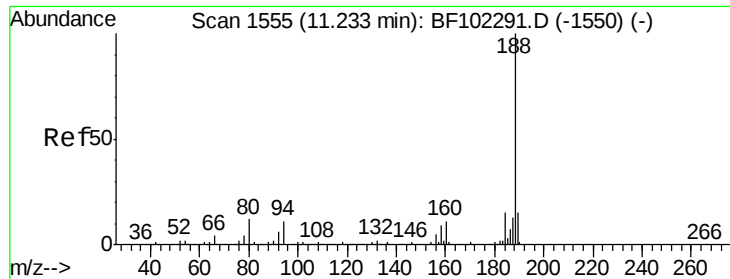
171 34.9 29.7 44.5

170 21.7 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-50-9.5-10.0

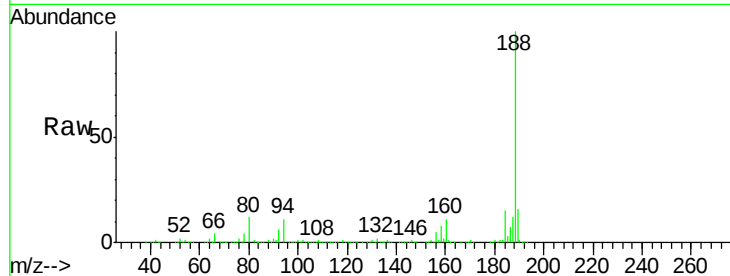
Tot Ion:188 Resp: 498110

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

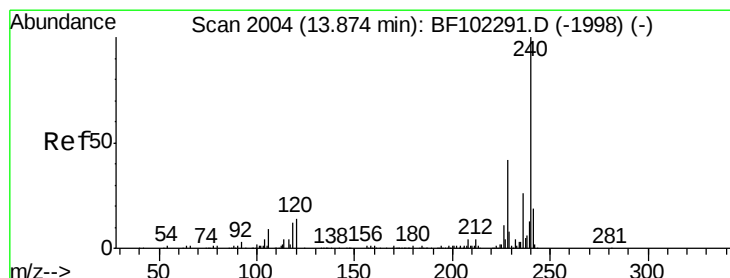
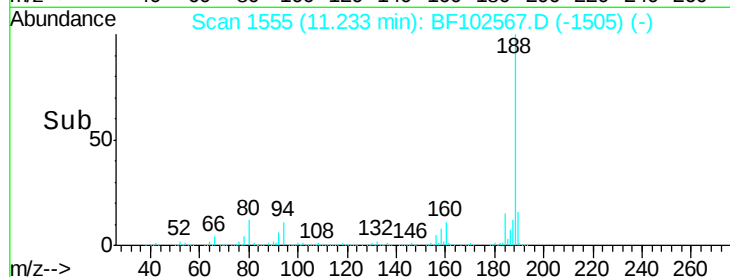
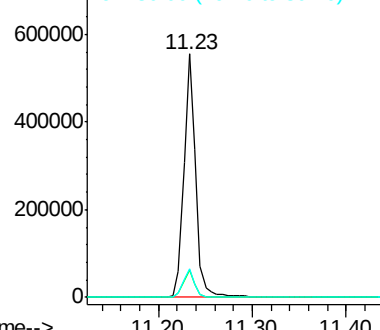
80 11.7 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

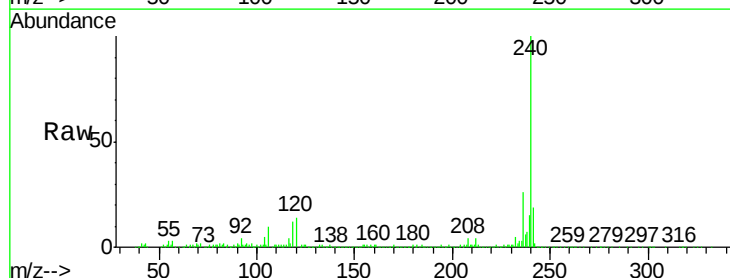
Tgt Ion:240 Resp: 342618

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

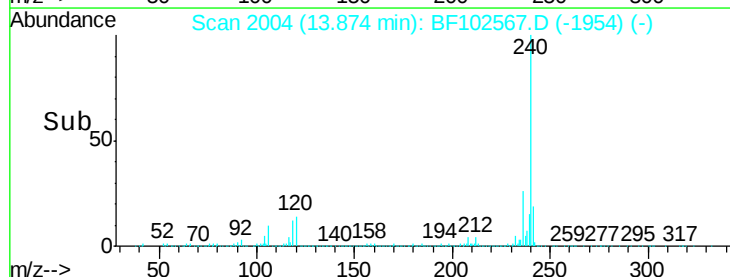
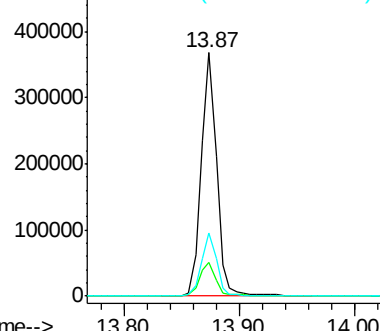
236 25.8 20.7 31.1

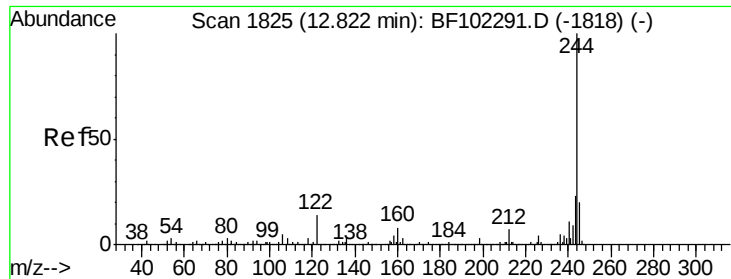


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

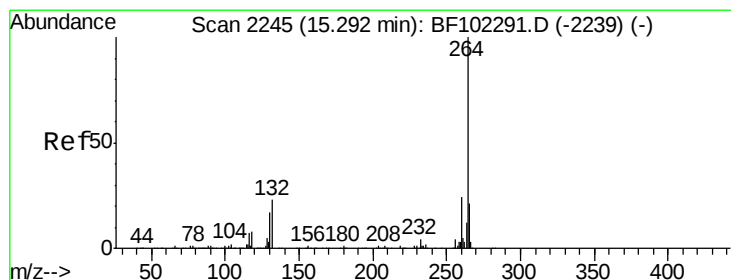
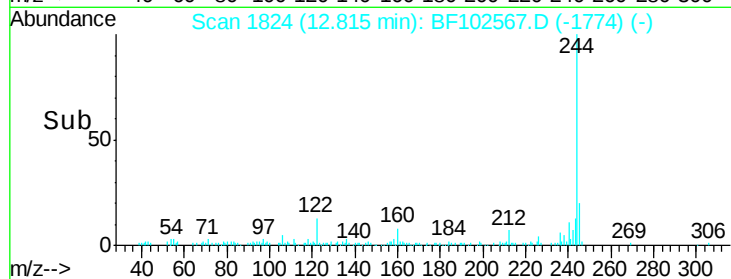
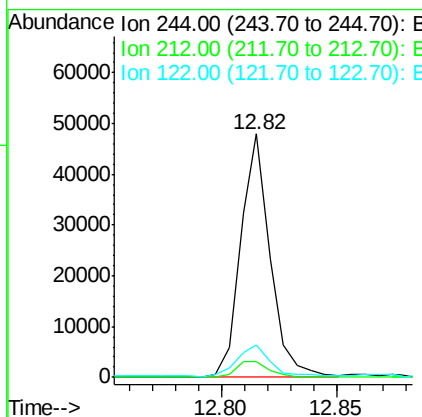
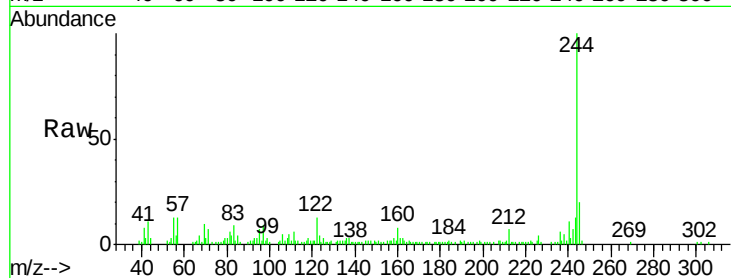




#78
 Terphenyl-d14
 Concen: 2.807 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-9.5-10.0

Tot Ion:244 Resp: 42667
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Tgt Ion:264 Resp: 312018
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.3 17.5 26.3

