

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100142.D
 Acq On : 3 Nov 2017 18:43
 Operator : SJ/JU
 Sample : I6233-06RE 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)RE

Quant Time: Nov 03 19:30:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

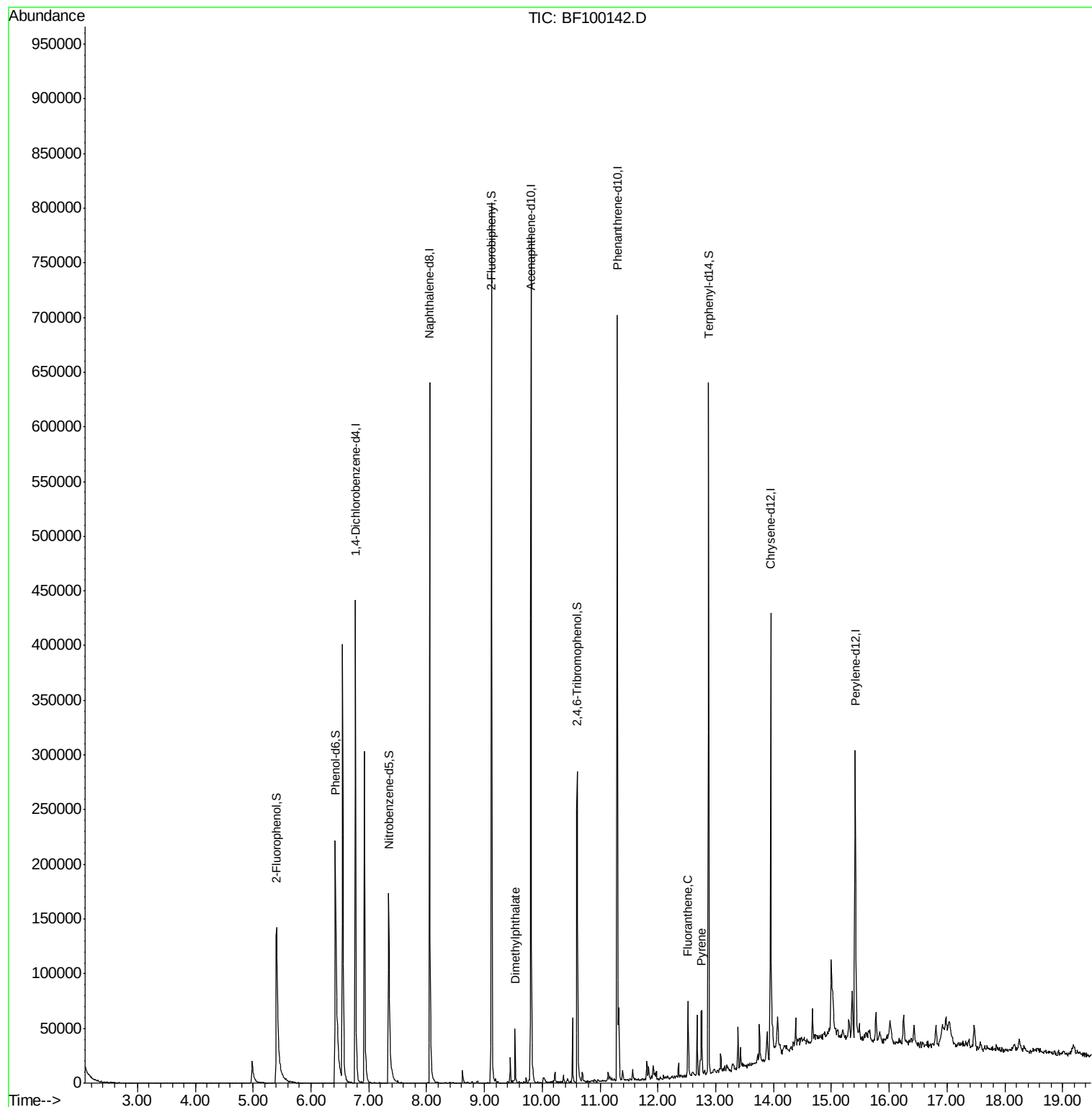
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78648	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	337697	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	153221	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	255644	20.00	ng	0.00
75) Chrysene-d12	13.95	240	139229	20.00	ng	0.00
86) Perylene-d12	15.41	264	130218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	113784	22.71	ng	0.01
7) Phenol-d6	6.42	99	177638	29.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	95102	18.13	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	43406	31.09	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	249069	25.08	ng	0.00
78) Terphenyl-d14	12.87	244	185732	29.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	26831	2.211	ng	97
74) Fluoranthene	12.52	202	31033	2.070	ng	95
77) Pyrene	12.75	202	25851	2.442	ng	99

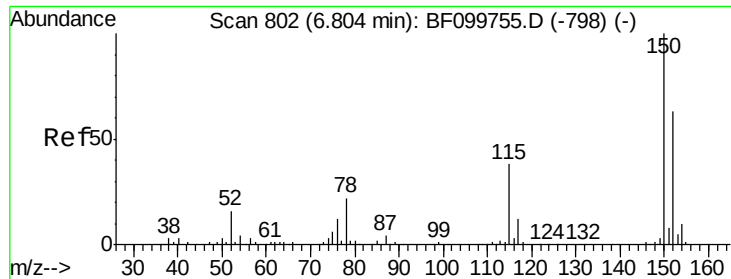
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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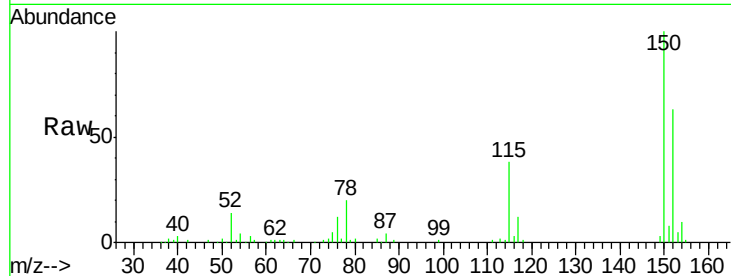




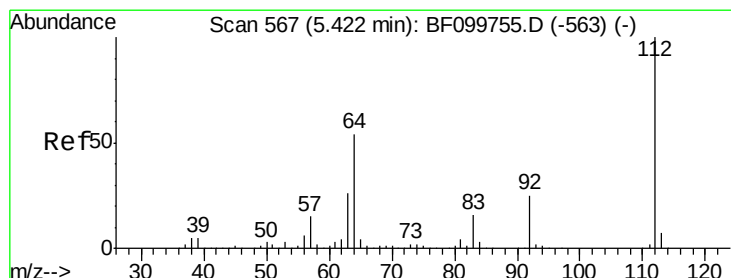
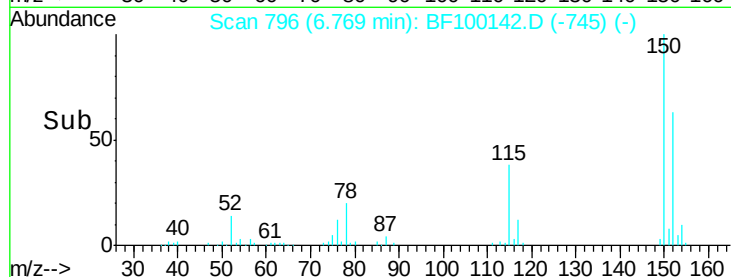
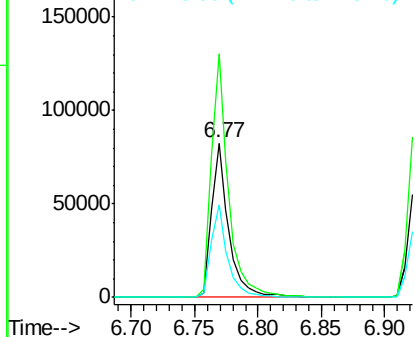
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)RE

Tgt Ion:152 Resp: 78648
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 59.7 50.1 75.1

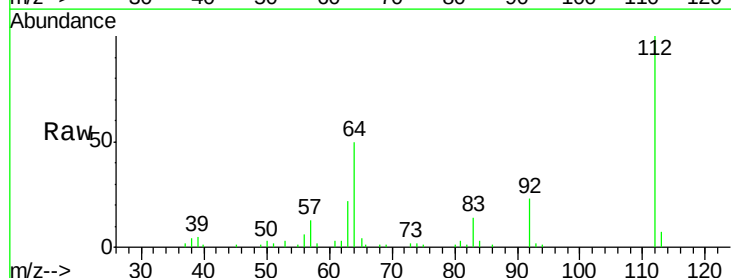


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

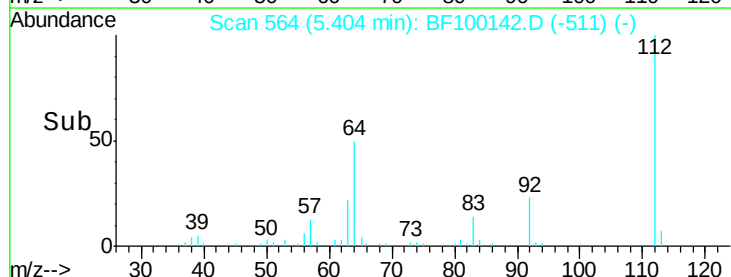
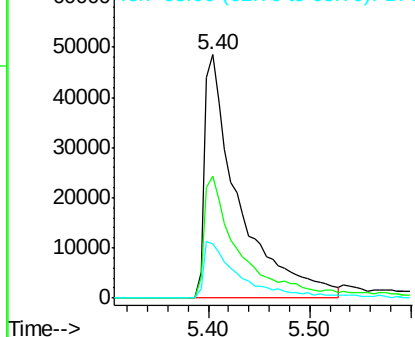


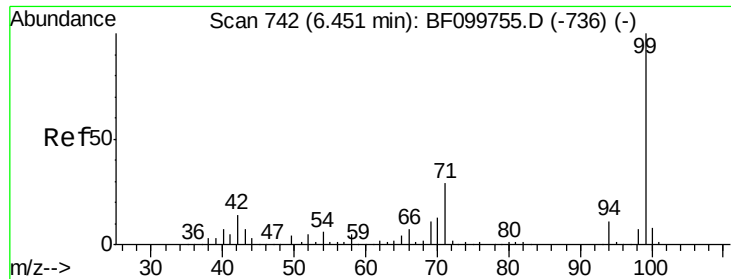
#5
 2-Fluorophenol
 Concen: 22.713 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Tgt Ion:112 Resp: 113784
 Ion Ratio Lower Upper
 112 100
 64 50.0 47.9 71.9
 63 22.0 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: 29.906 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Instrument :

BNA_F

ClientSampleId :

SB-6(8-10)RE

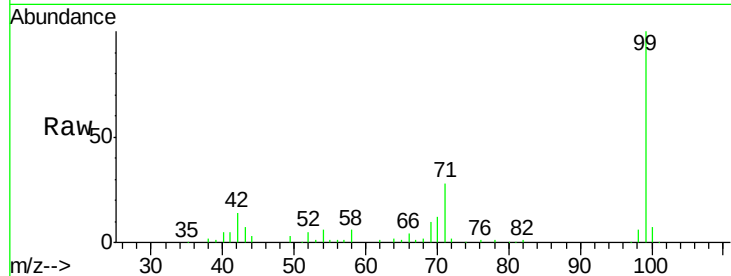
Tgt Ion: 99 Resp: 177638

Ion Ratio Lower Upper

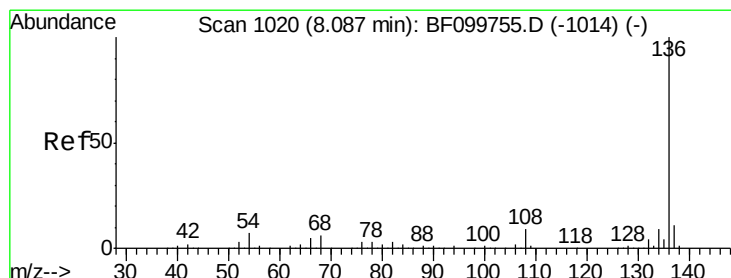
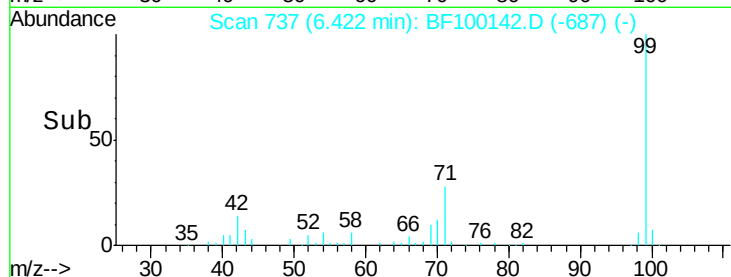
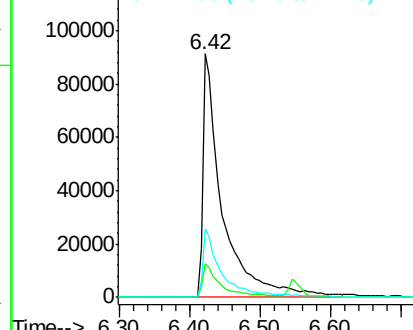
99 100

42 13.9 14.5 21.7#

71 28.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Tgt Ion: 136 Resp: 337697

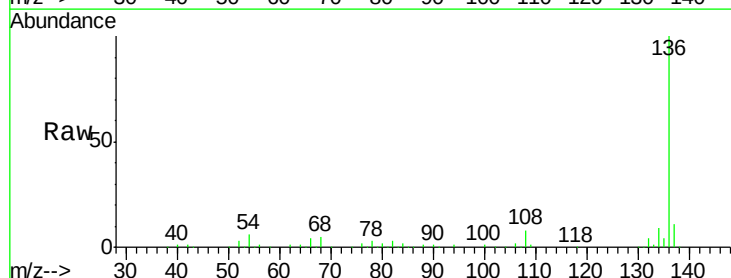
Ion Ratio Lower Upper

136 100

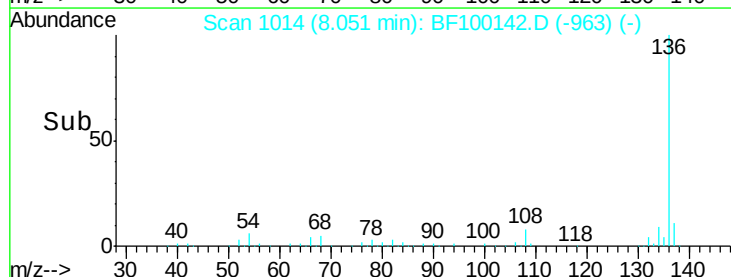
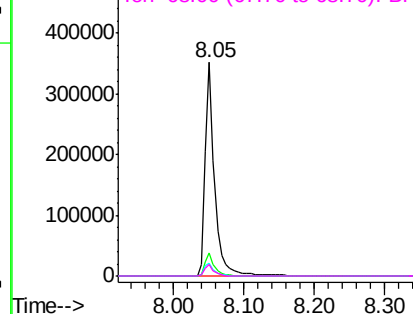
137 10.6 8.9 13.3

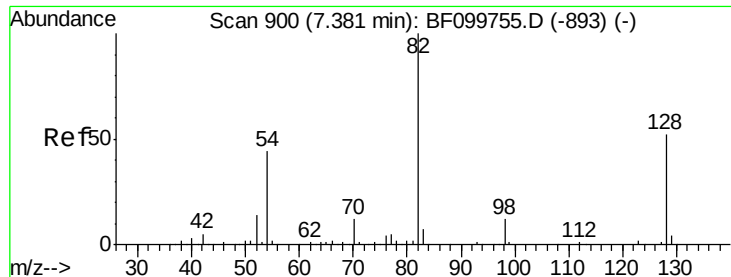
54 6.2 6.6 9.8#

68 5.4 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

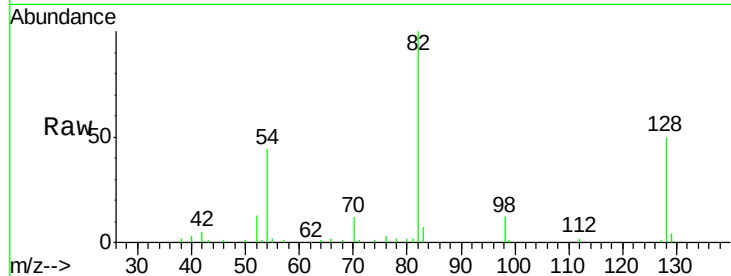




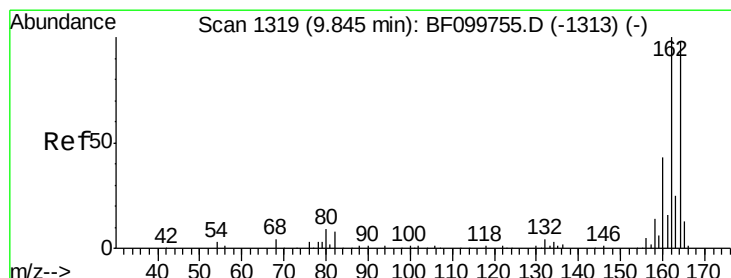
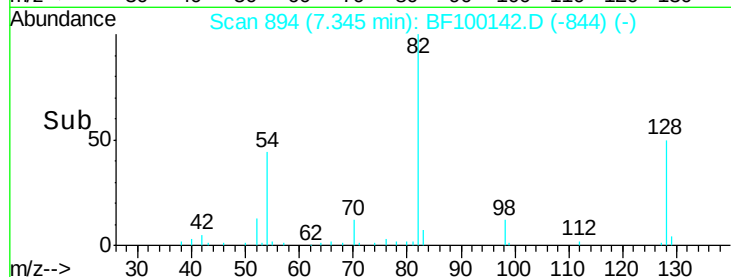
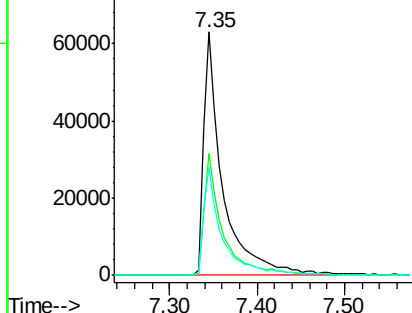
#23
 Nitrobenzene-d5
 Concen: 18.131 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)RE

Tgt Ion: 82 Resp: 95102
 Ion Ratio Lower Upper
 82 100
 128 49.9 36.1 54.1
 54 44.3 41.4 62.2

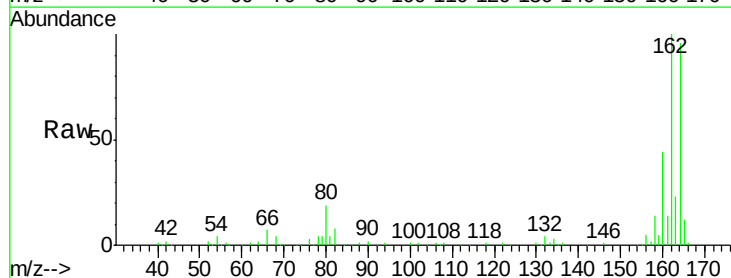


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

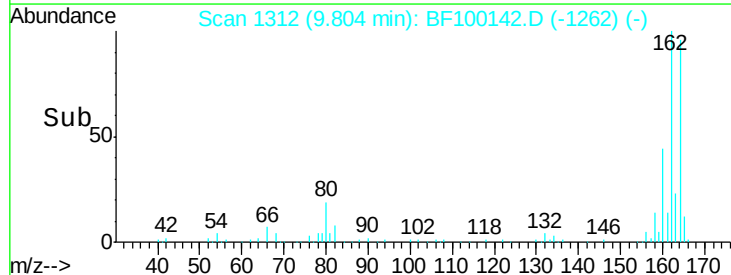
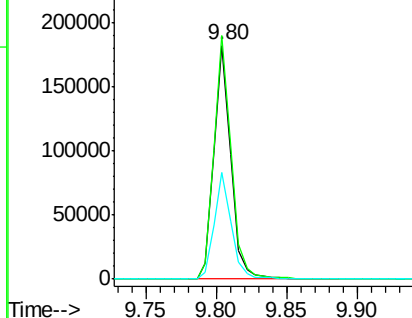


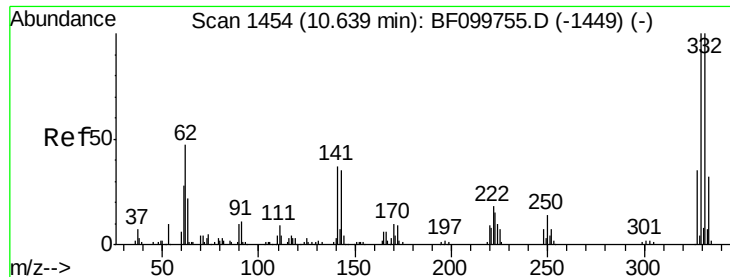
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Tgt Ion: 164 Resp: 153221
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.6 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

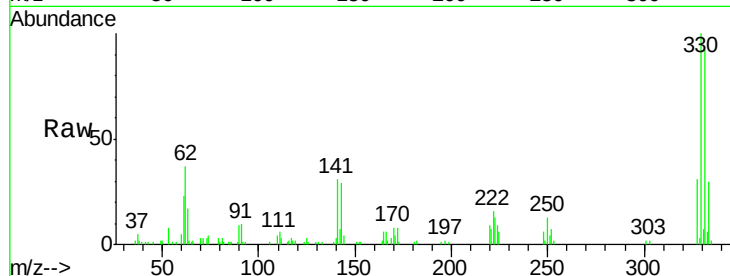




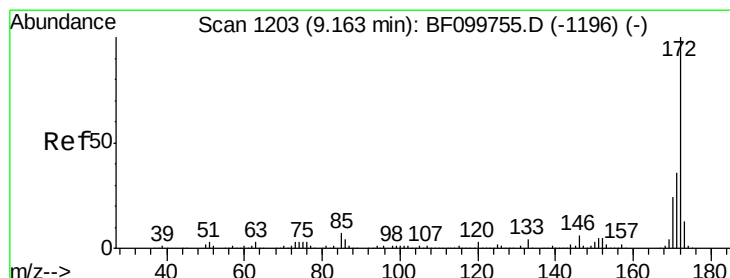
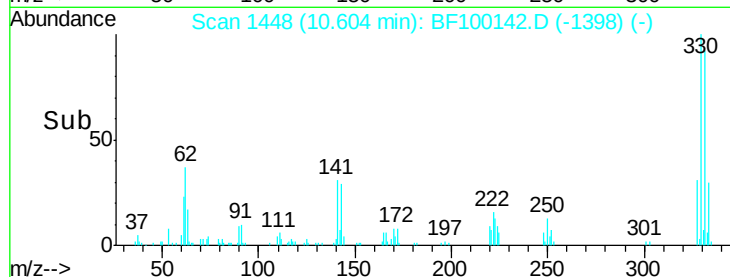
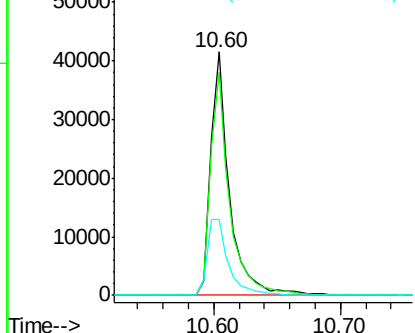
#41
 2,4,6-Tribromophenol
 Concen: 31.086 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)RE

Tgt Ion:330 Resp: 43406
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 35.1 29.9 44.9

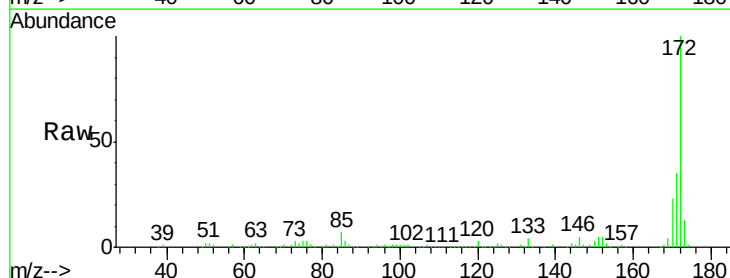


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

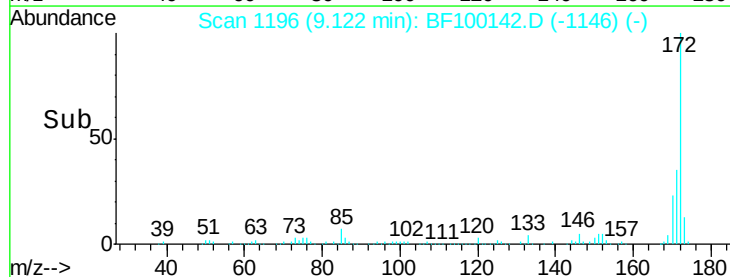
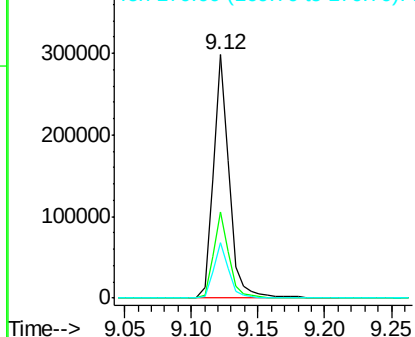


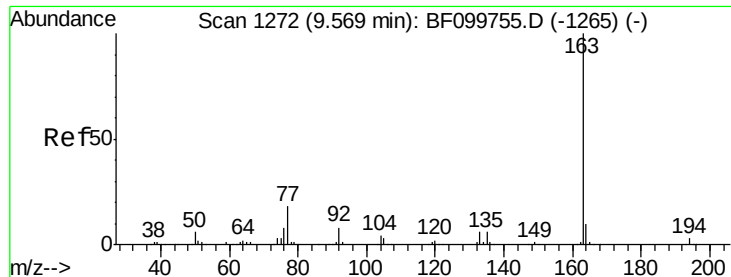
#44
 2-Fluorobiphenyl
 Concen: 25.080 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Tgt Ion:172 Resp: 249069
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.9 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

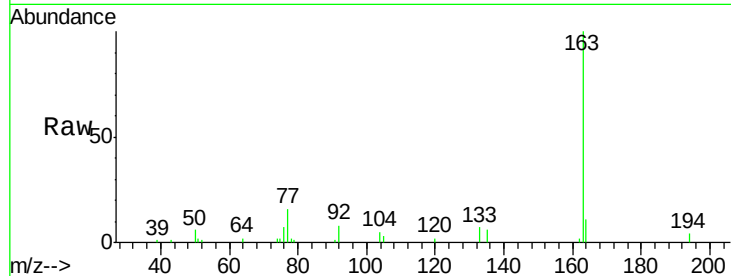




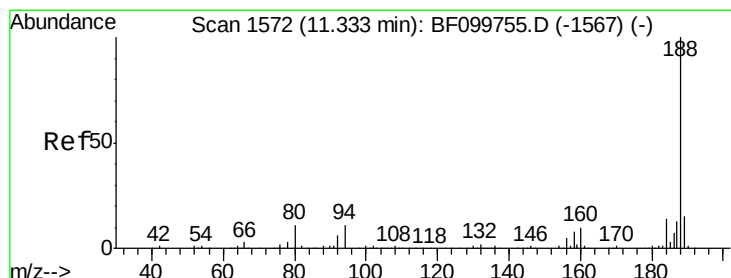
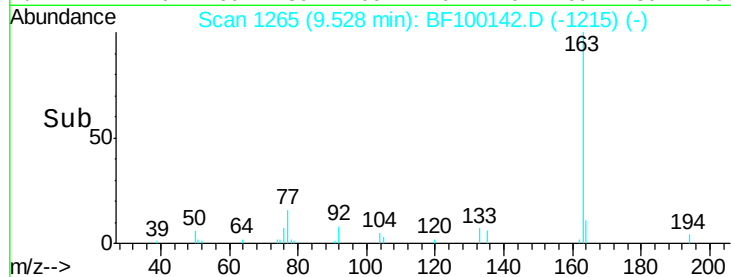
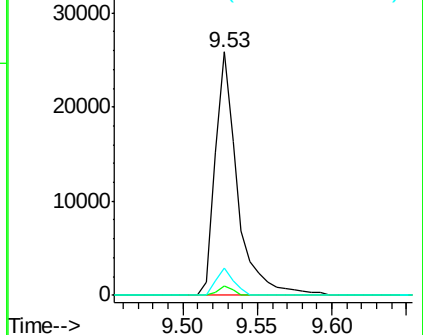
#49
Dimethylphthalate
Concen: 2.211 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Instrument :
BNA_F
ClientSampleId :
SB-6(8-10)RE

Tgt Ion:163 Resp: 26831
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.3 8.2 12.2

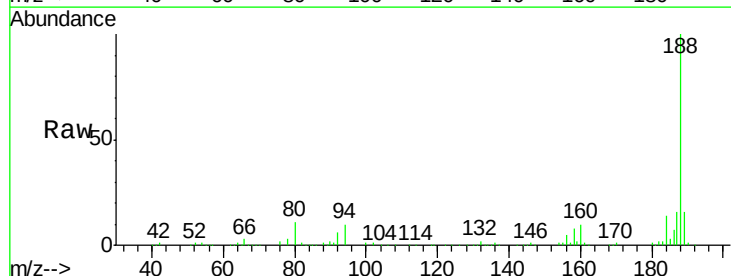


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

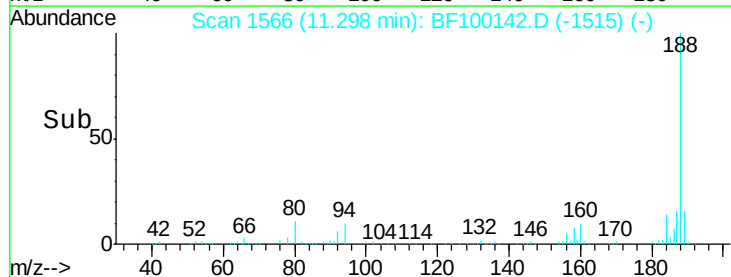
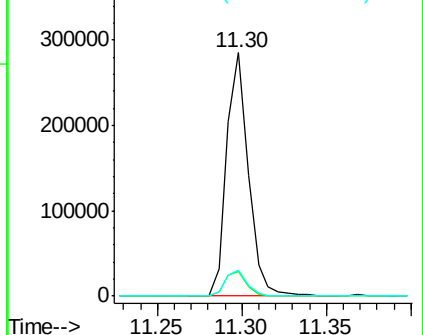


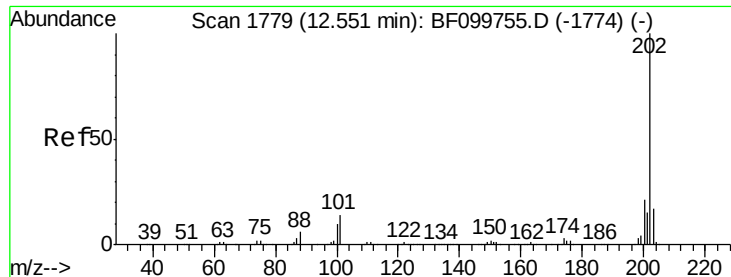
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Tgt Ion:188 Resp: 255644
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.5 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





#74

Fluoranthene

Concen: 2.070 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Instrument :

BNA_F

ClientSampleId :

SB-6(8-10)RE

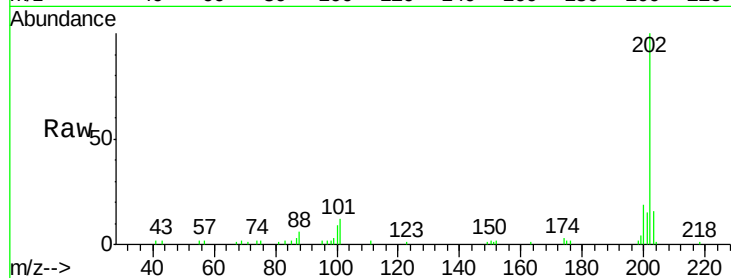
Tgt Ion:202 Resp: 31033

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

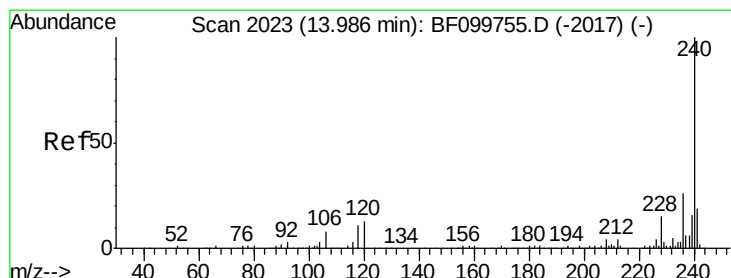
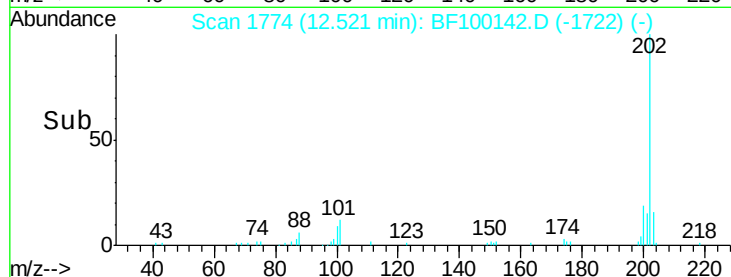
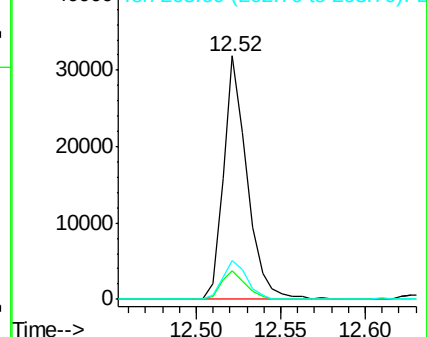
203 16.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

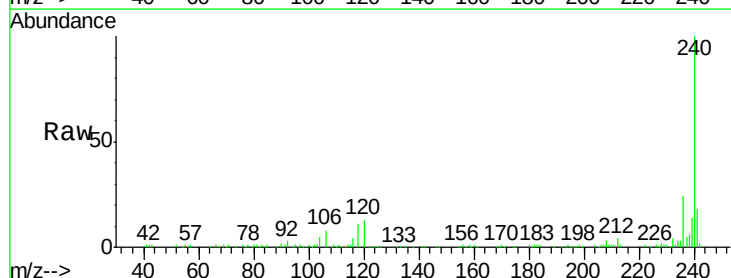
Tgt Ion:240 Resp: 139229

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

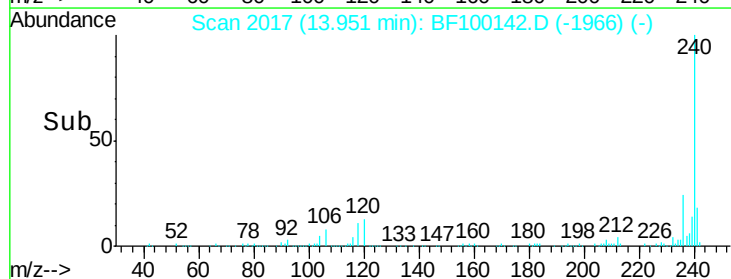
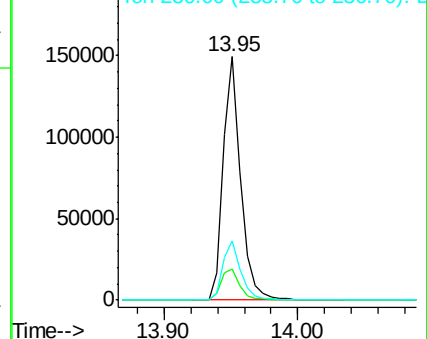
236 24.4 20.7 31.1

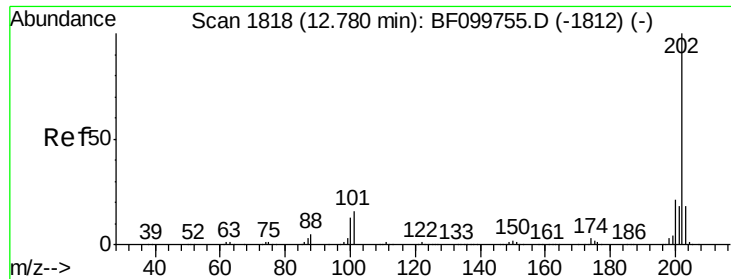


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

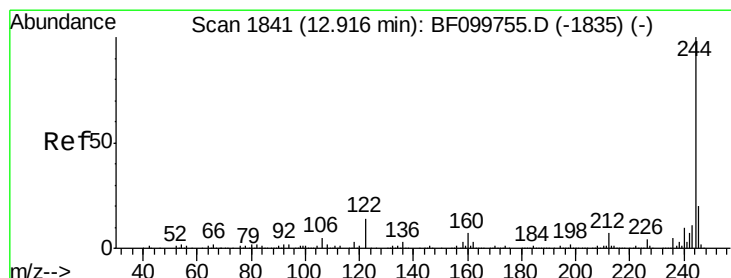
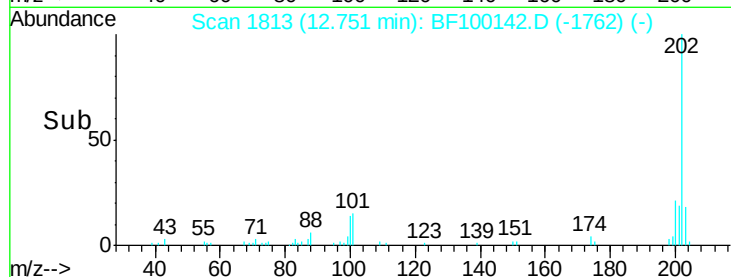
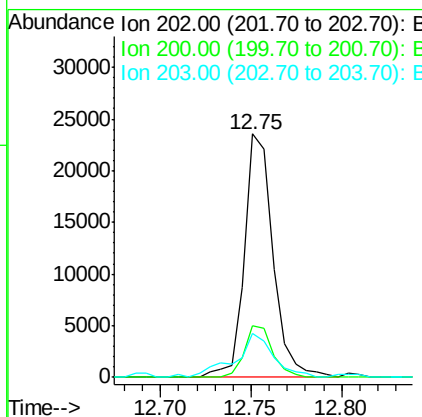
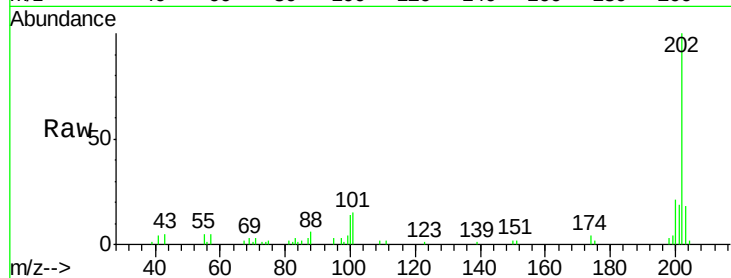




#77
 Pyrene
 Concen: 2.442 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

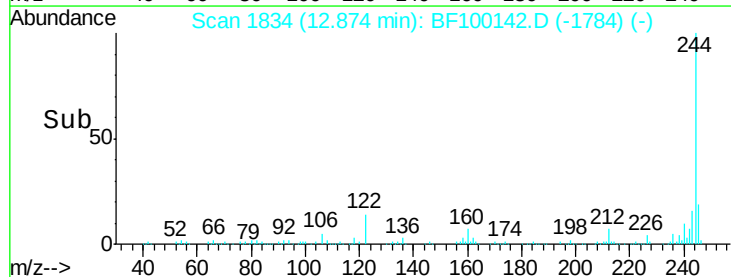
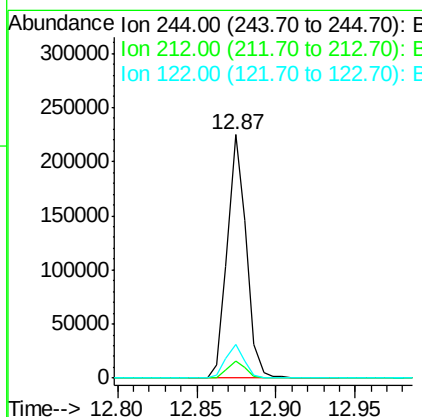
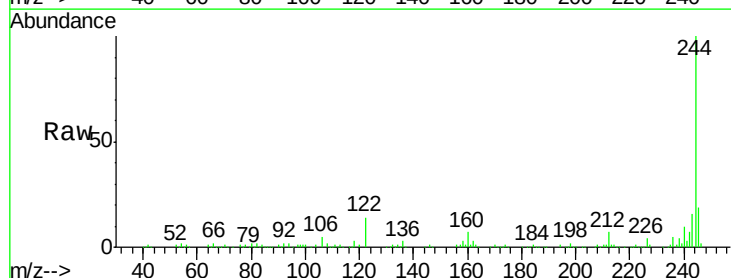
Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)RE

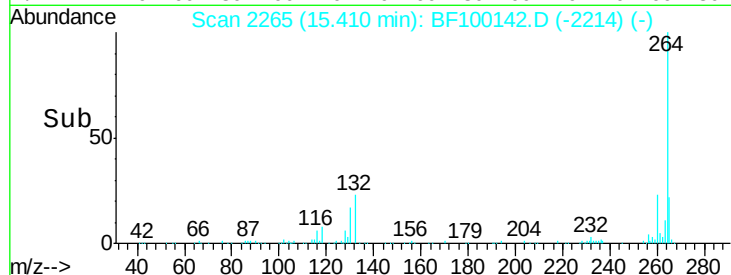
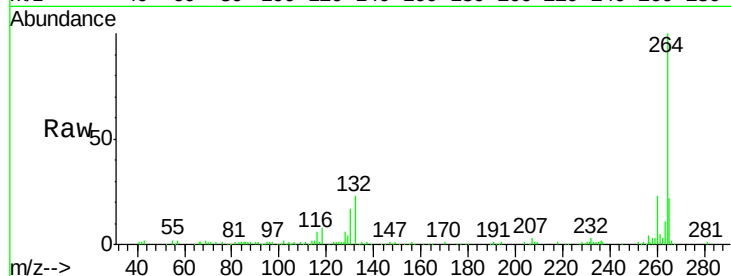
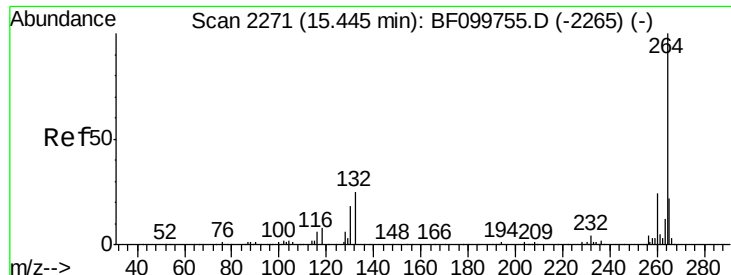
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 29.153 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Instrument :
BNA_F
ClientSampleId :
SB-6(8-10)RE

Tgt Ion:	264	Resp:	130218
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	17.5	26.3

