

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100272.D
 Acq On : 7 Nov 2017 4:08
 Operator : SJ/JU
 Sample : I6320-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Quant Time: Nov 07 06:09:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

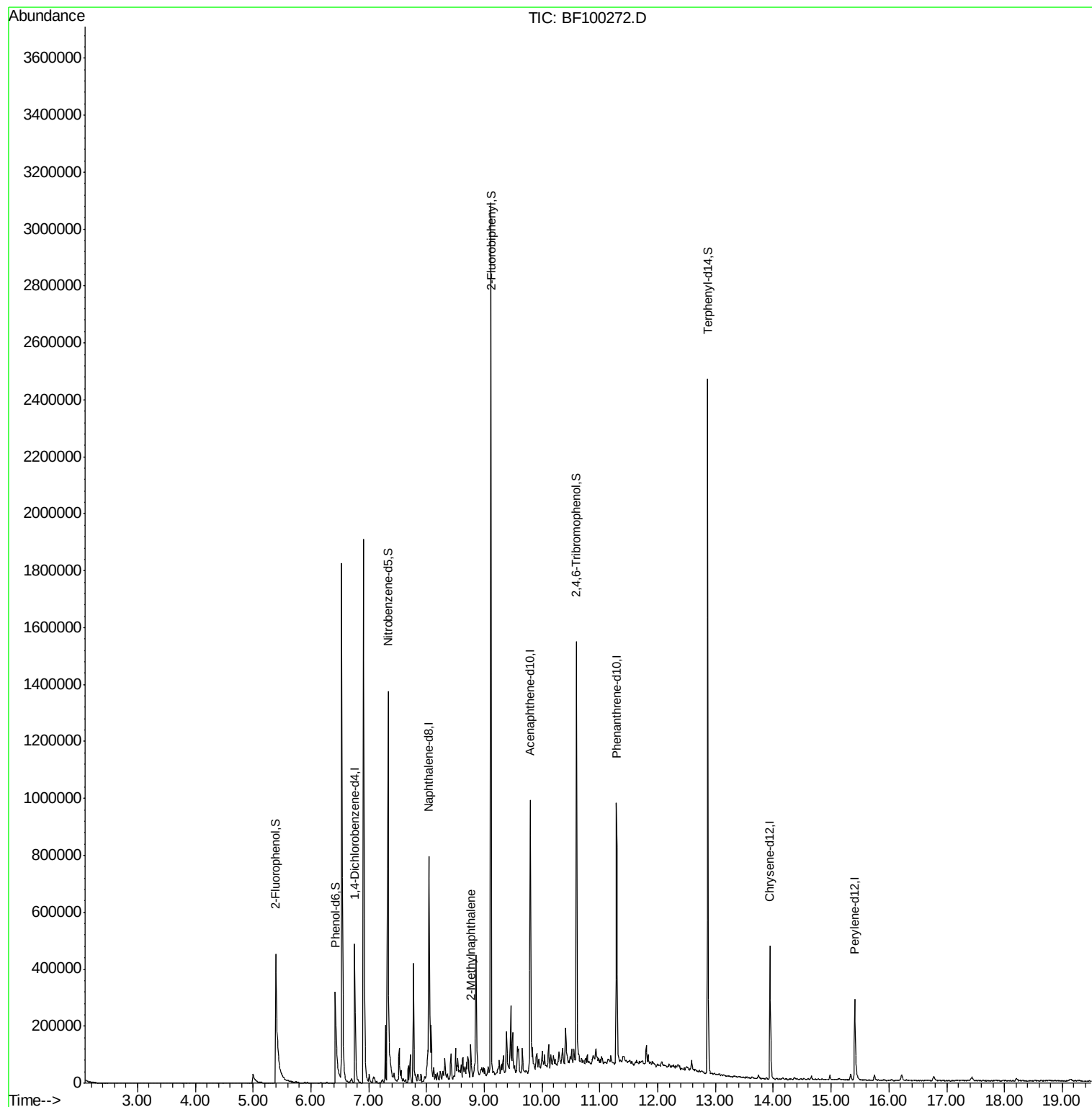
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	104745	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	429896	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	200438	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	345467	20.00	ng	0.00
75) Chrysene-d12	13.94	240	185472	20.00	ng	0.00
86) Perylene-d12	15.41	264	171381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	365201	54.74	ng	0.01
7) Phenol-d6	6.42	99	280791	35.49	ng	0.00
23) Nitrobenzene-d5	7.33	82	531424	79.59	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	209958	114.94	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1019147	78.45	ng	0.00
78) Terphenyl-d14	12.87	244	850782	100.25	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	34565	2.486	ng	Qvalue 97

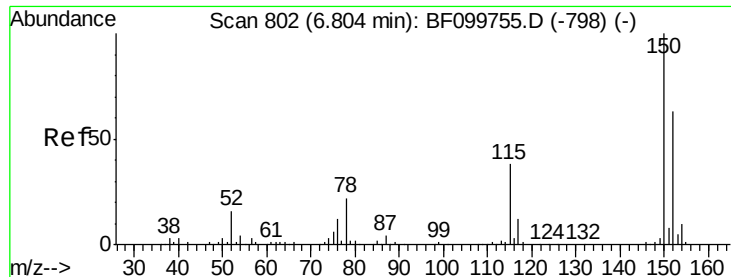
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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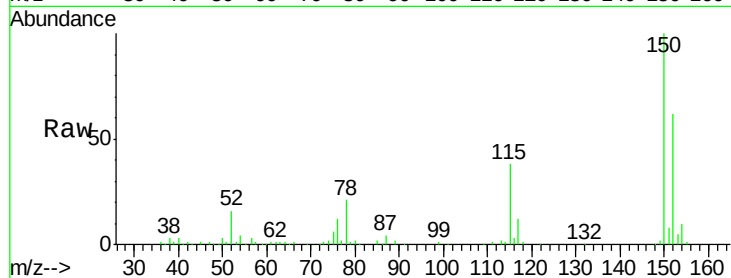


#1

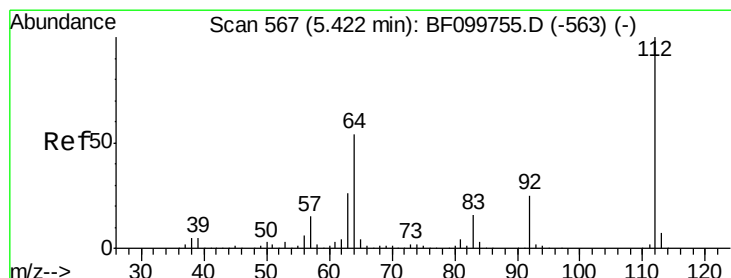
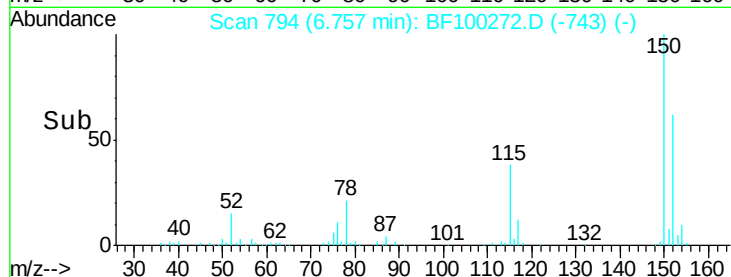
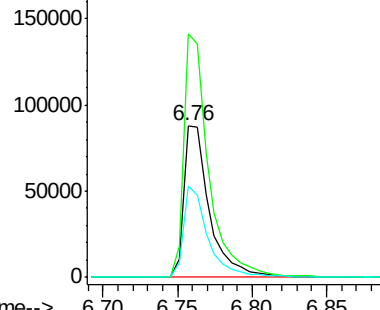
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
RW-3

Tgt Ion:152 Resp: 104745
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 60.4 50.1 75.1



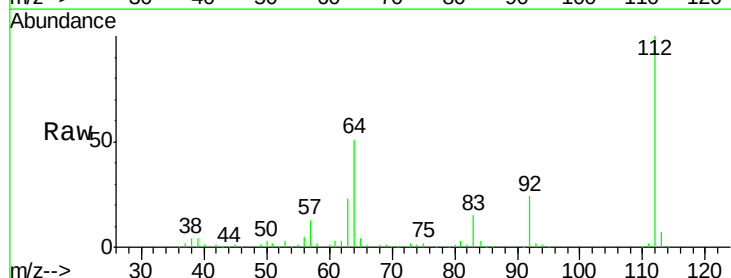
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



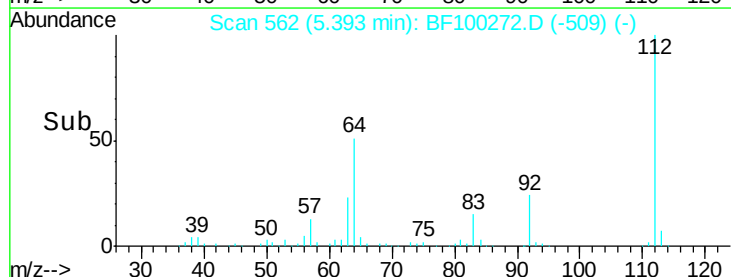
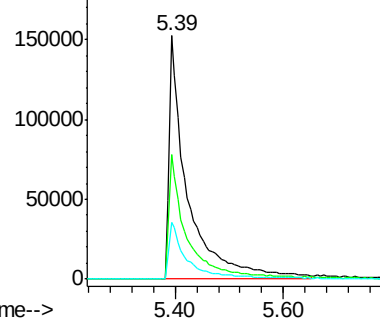
#5

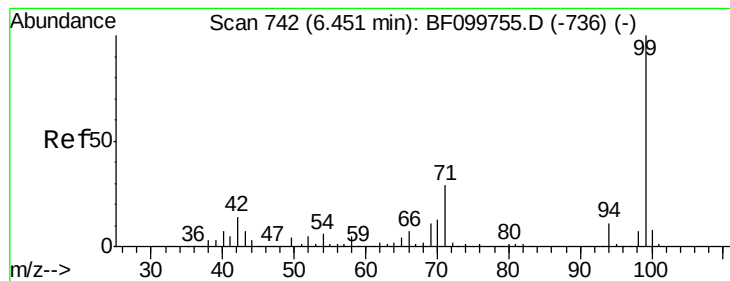
2-Fluorophenol
Concen: 54.738 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Tgt Ion:112 Resp: 365201
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 23.2 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: 35.494 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RW-3

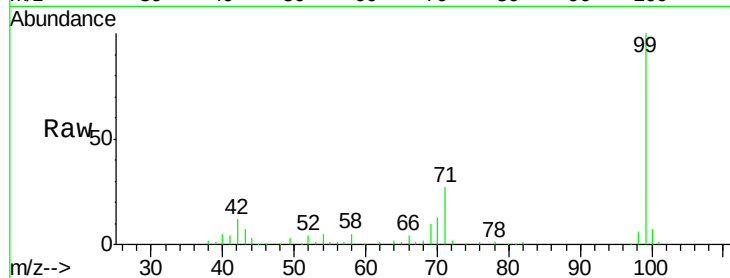
Tgt Ion: 99 Resp: 280791

Ion Ratio Lower Upper

99 100

42 12.5 14.5 21.7#

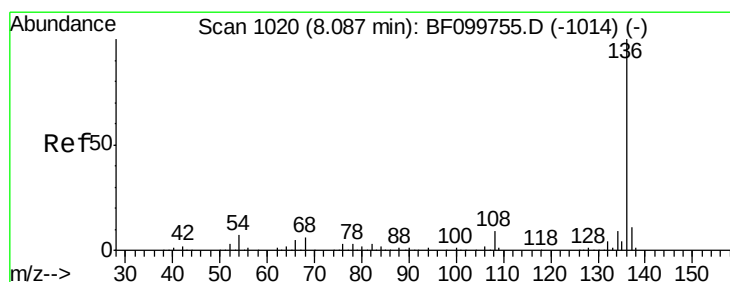
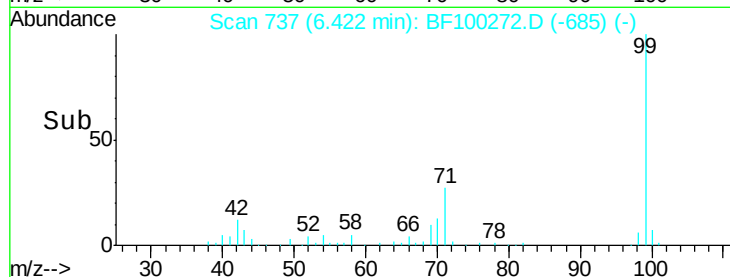
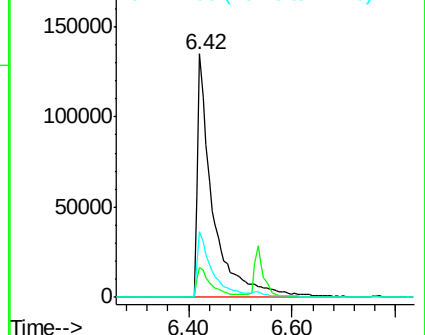
71 27.2 25.4 38.0



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: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Tgt Ion: 136 Resp: 429896

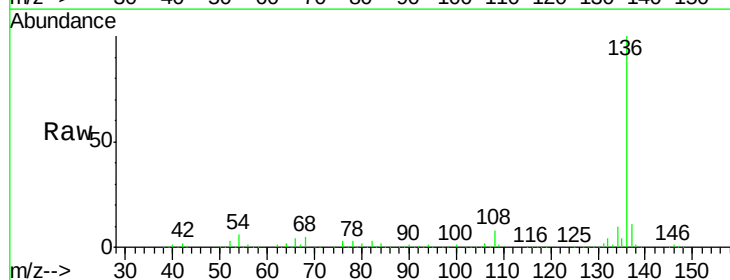
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

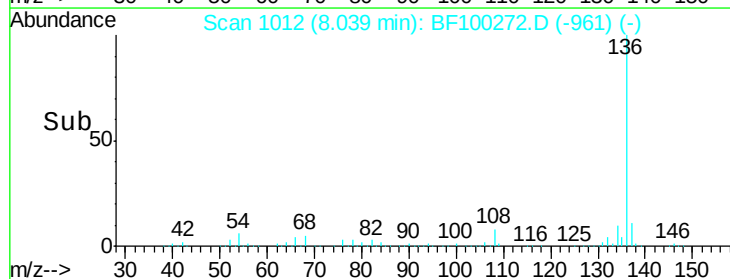
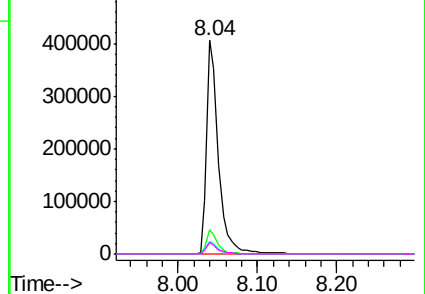


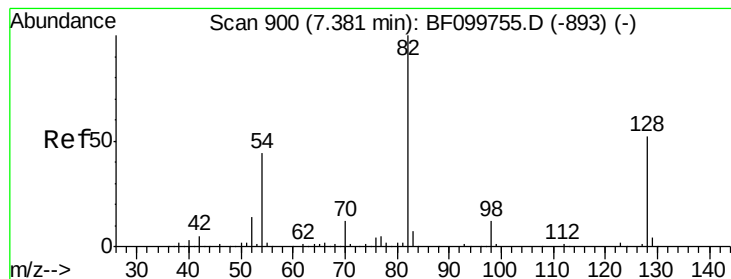
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.585 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RW-3

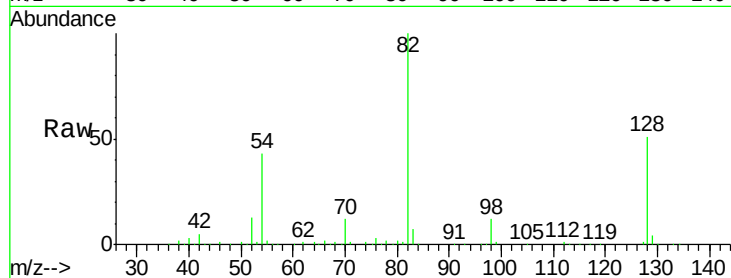
Tgt Ion: 82 Resp: 531424

Ion Ratio Lower Upper

82 100

128 50.7 36.1 54.1

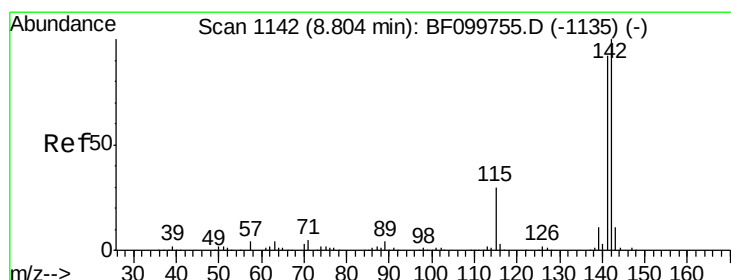
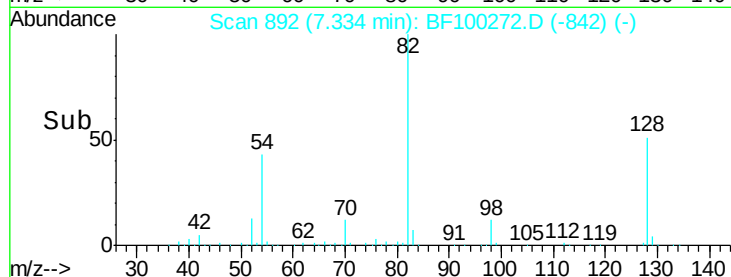
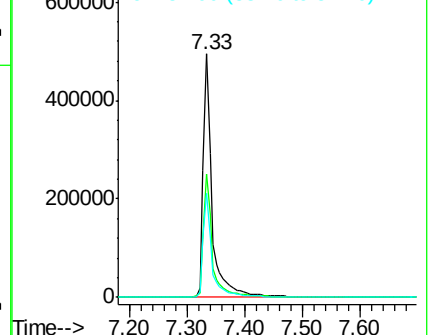
54 42.7 41.4 62.2



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



#37

2-Methylnaphthalene

Concen: 2.486 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

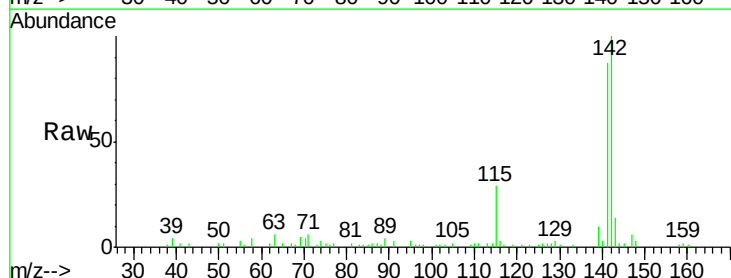
Tgt Ion: 142 Resp: 34565

Ion Ratio Lower Upper

142 100

141 86.6 70.8 106.2

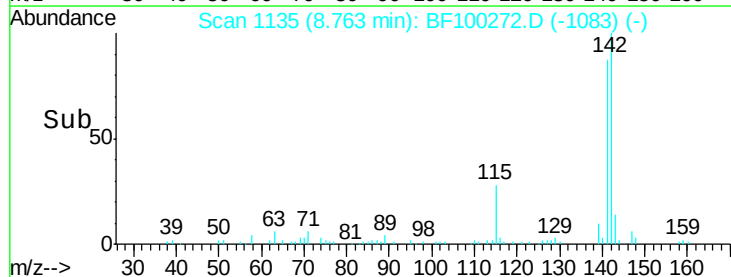
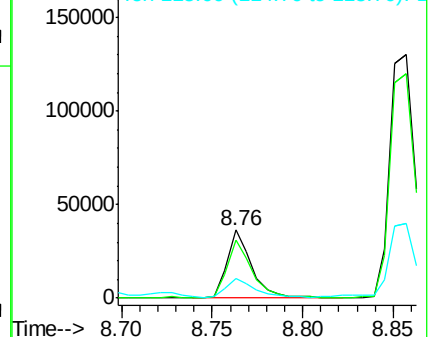
115 28.6 26.1 39.1

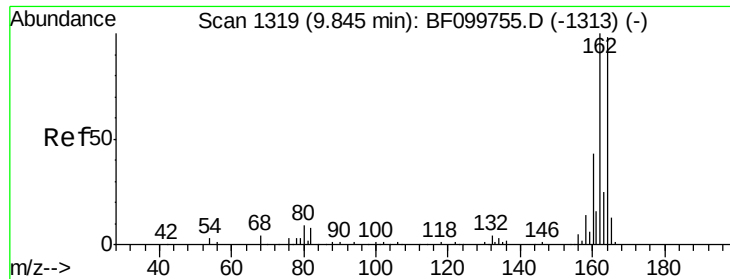


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

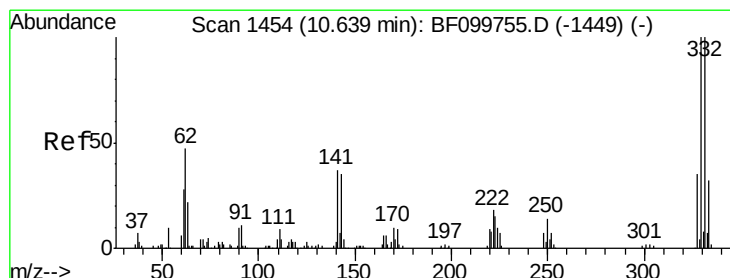
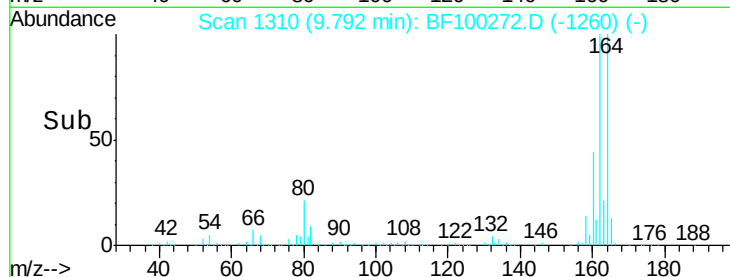
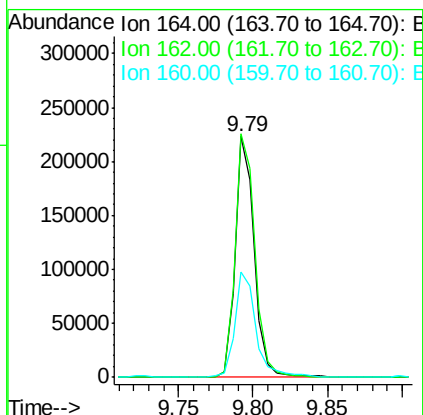
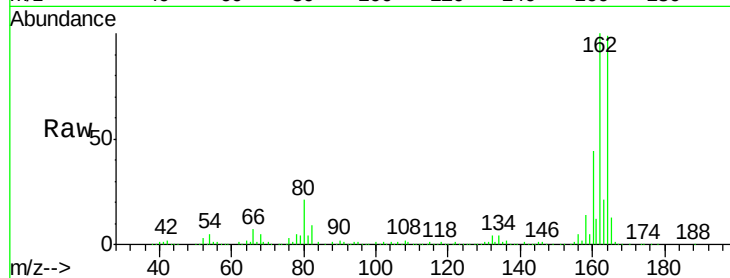




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

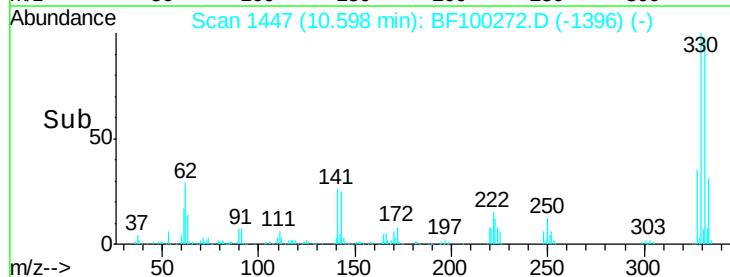
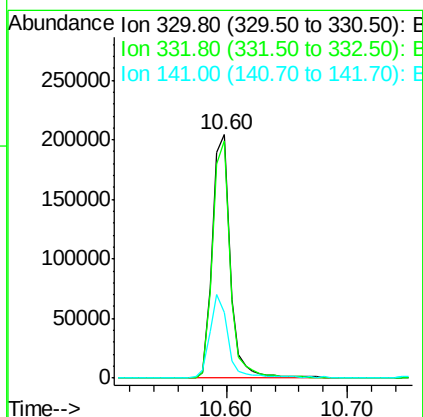
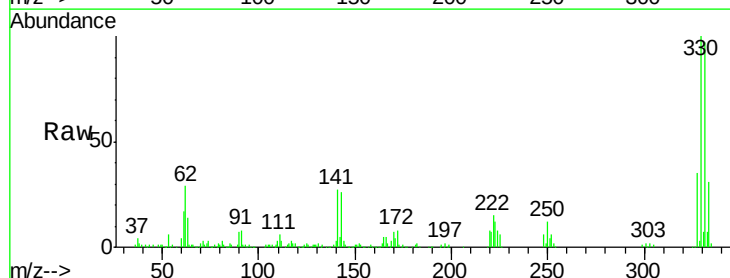
Instrument :
 BNA_F
 ClientSampleId :
 RW-3

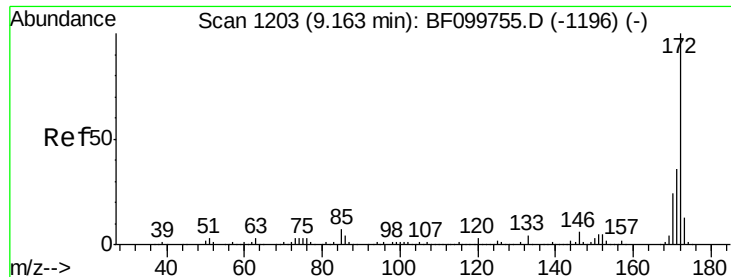
Tgt Ion:164 Resp: 200438
 Ion Ratio Lower Upper
 164 100
 162 101.2 86.1 129.1
 160 44.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.943 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

Tgt Ion:330 Resp: 209958
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.9 29.9 44.9

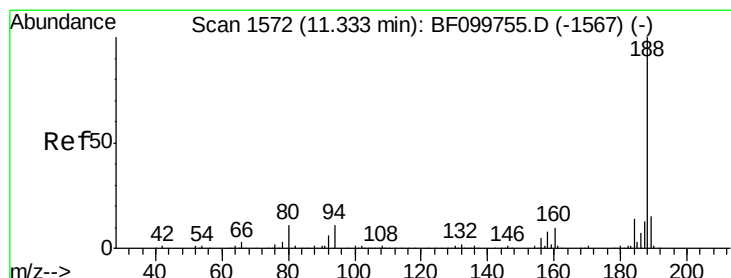
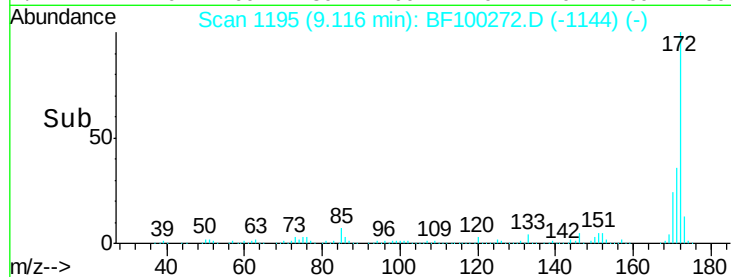
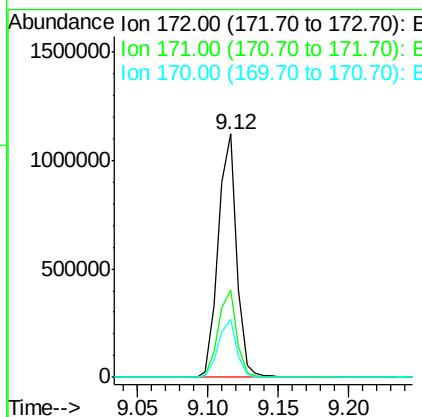
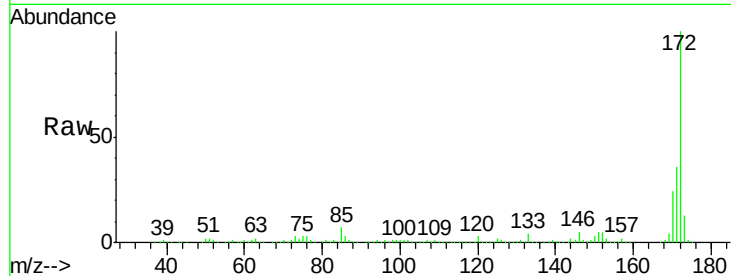




#44
 2-Fluorobiphenyl
 Concen: 78.447 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

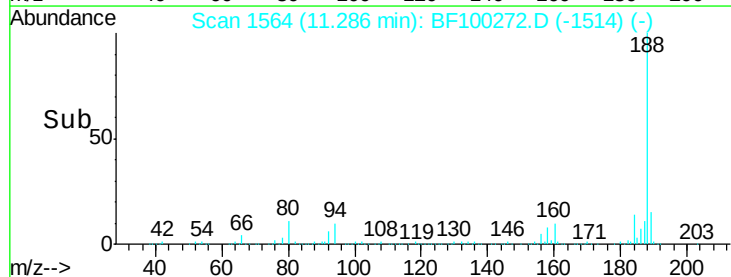
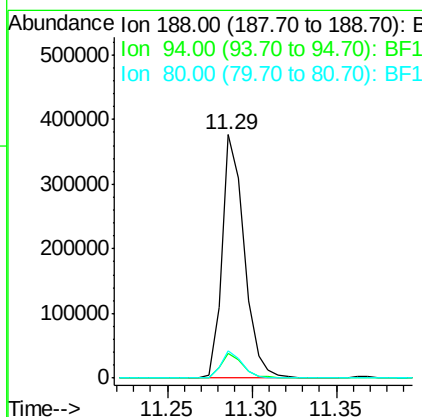
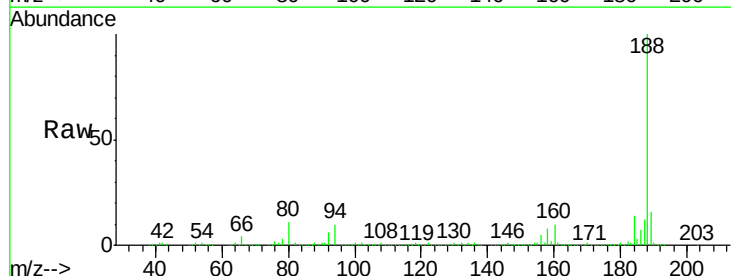
Instrument :
 BNA_F
 ClientSampleId :
 RW-3

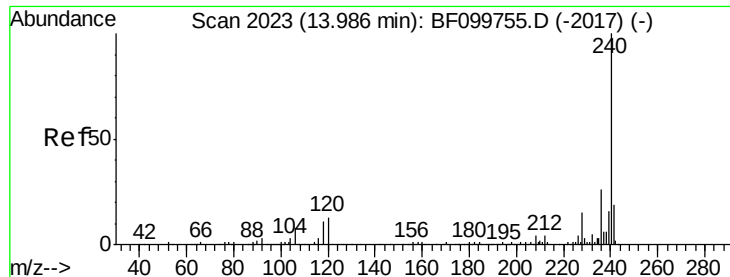
Tgt Ion:172 Resp: 1019147
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.9 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

Tgt Ion:188 Resp: 345467
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RW-3

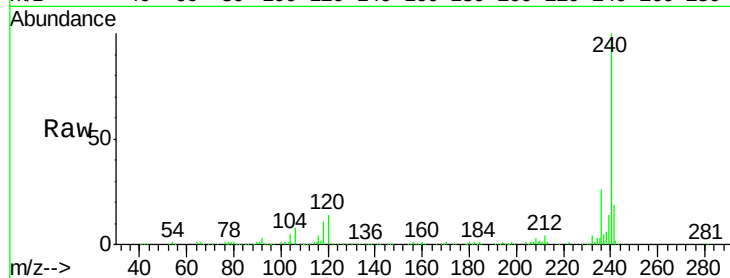
Tgt Ion:240 Resp: 185472

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

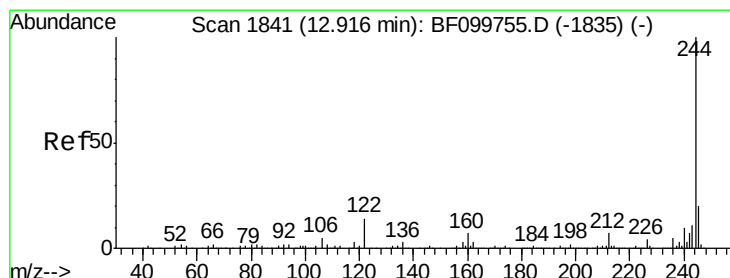
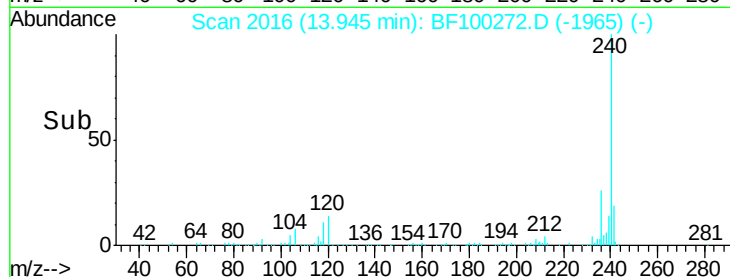
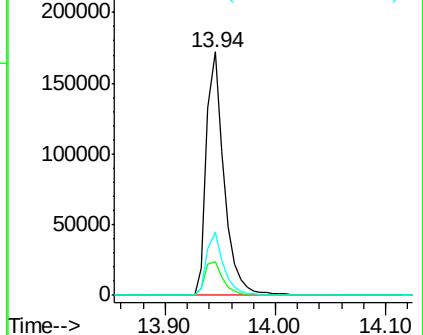
236 25.7 20.7 31.1



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: 100.246 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

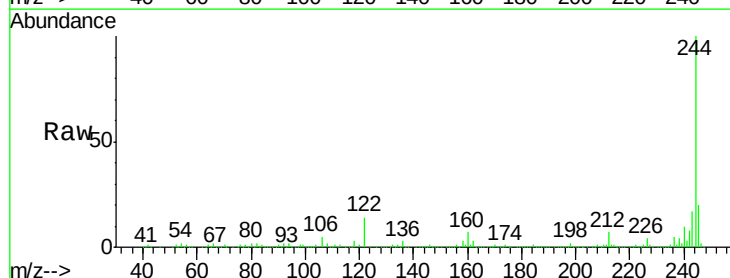
Tgt Ion:244 Resp: 850782

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

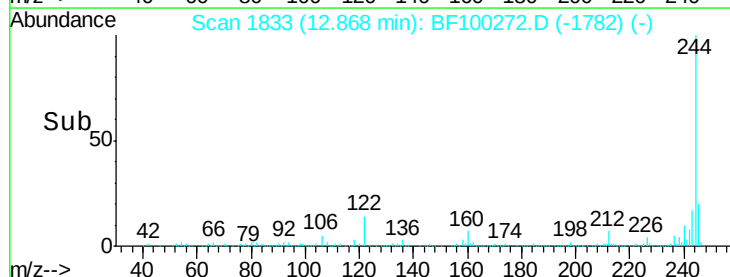
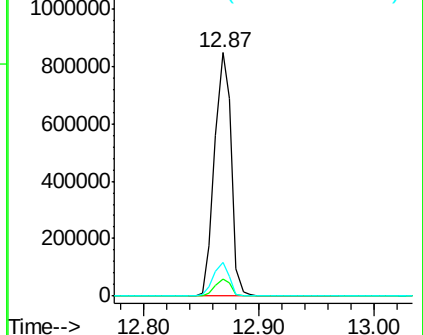
122 14.0 11.0 16.4

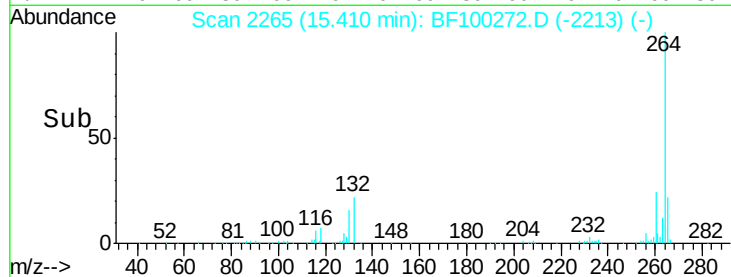
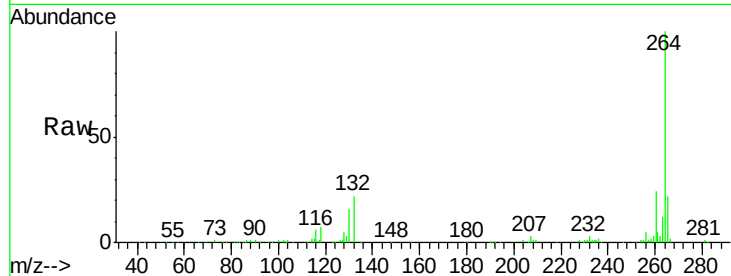
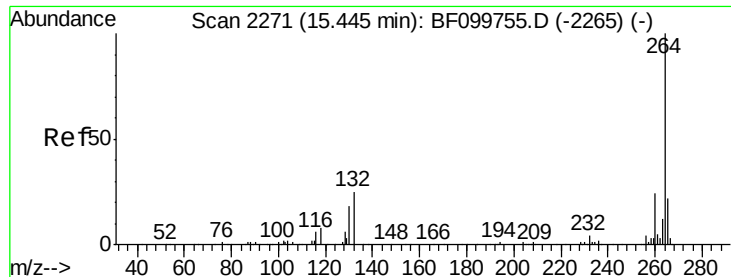


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RW-3

Tgt Ion: 264 Resp: 171381

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 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

