

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100067.D
 Acq On : 2 Nov 2017 1:25
 Operator : SJ/JU
 Sample : I6207-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:03:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

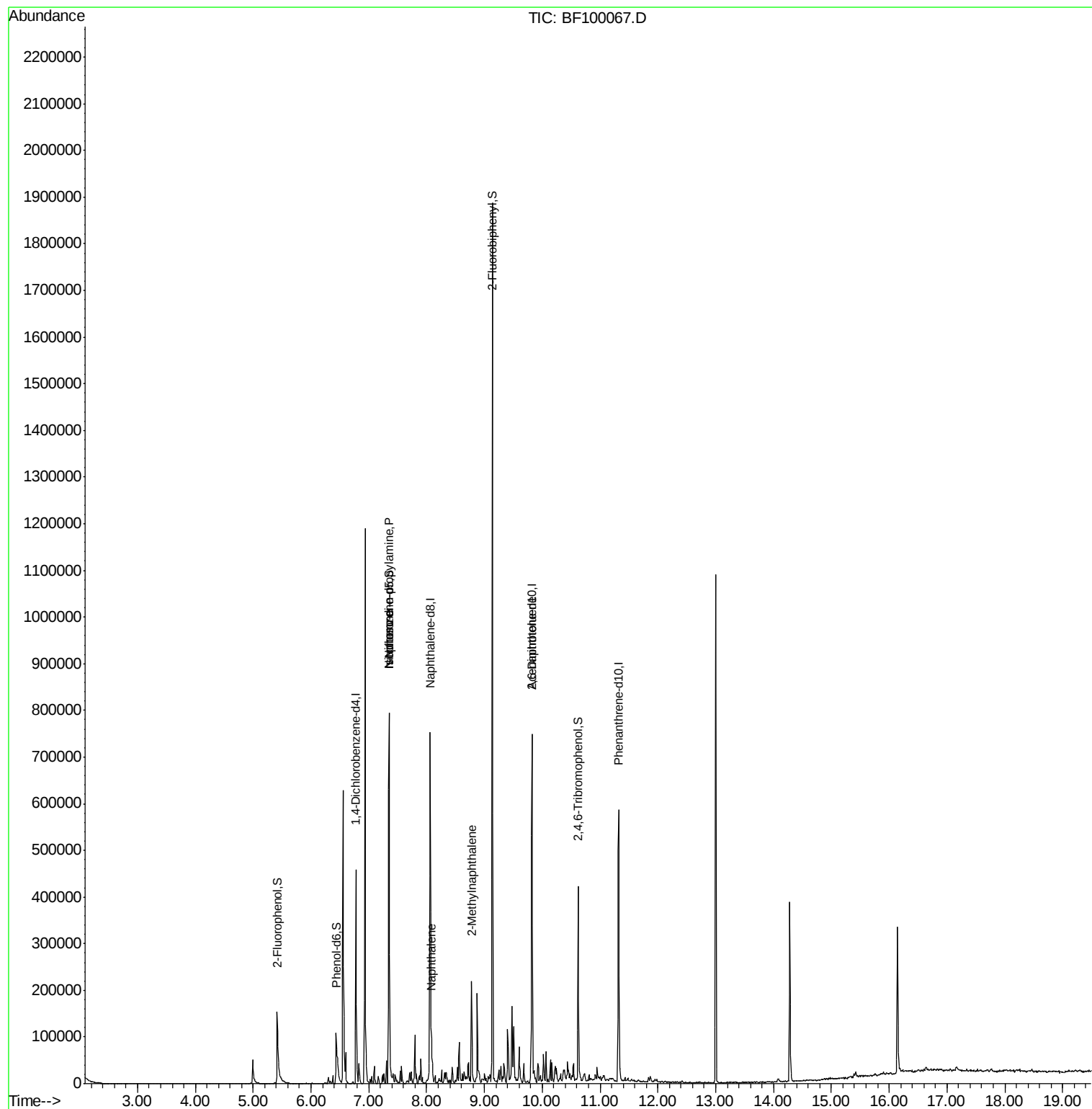
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82033	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	329386	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	141215	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	215784	20.00	ng	0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	105632	20.22	ng	0.02
7) Phenol-d6	6.43	99	84108	13.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	275050	53.76	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	55722	43.30	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	579988	63.37	ng	0.00
78) Terphenyl-d14	13.00	244	393510	0.00	ng	0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	33137	9.127	ng	# 70
25) Isophorone	7.35	82	275050	29.627	ng	# 64
31) Naphthalene	8.09	128	37534	2.361	ng	99
37) 2-Methylnaphthalene	8.78	142	68801	6.457	ng	96
50) 2,6-Dinitrotoluene	9.82	165	20369	8.664	ng	# 27

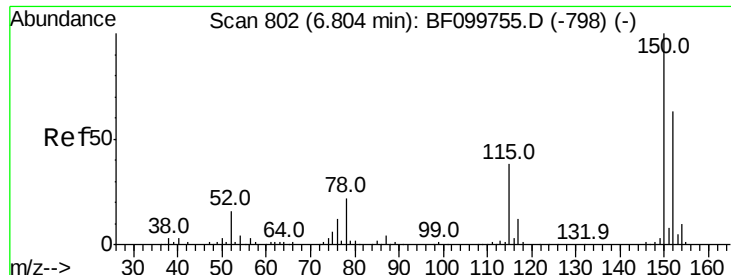
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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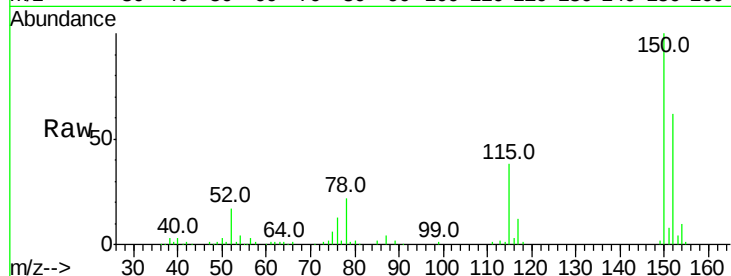


#1

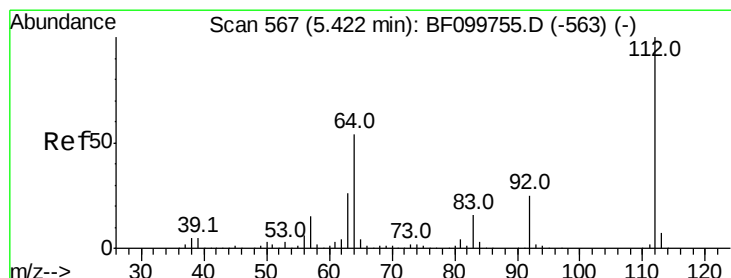
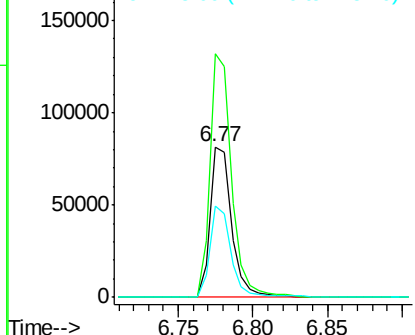
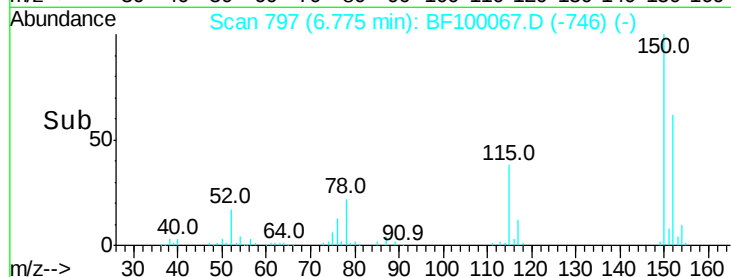
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 82033
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.6 186.8
 115 60.7 50.1 75.1



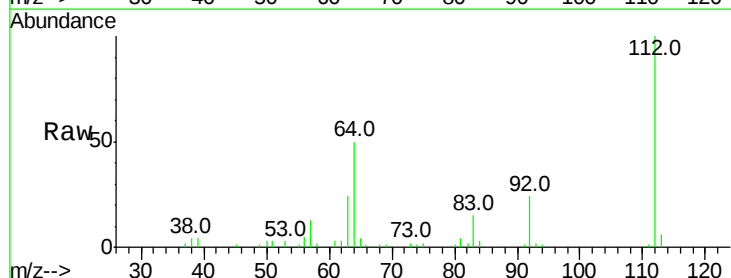
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



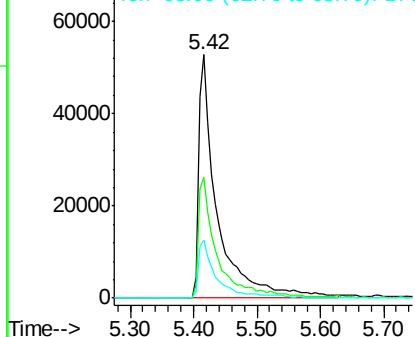
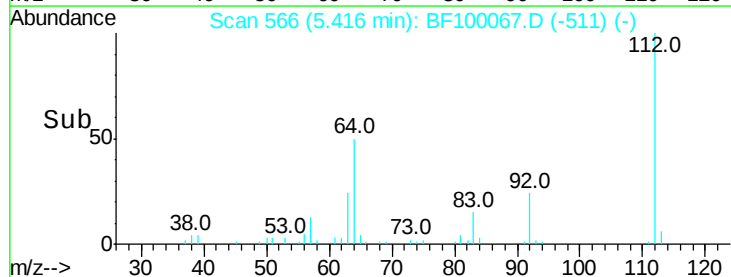
#5

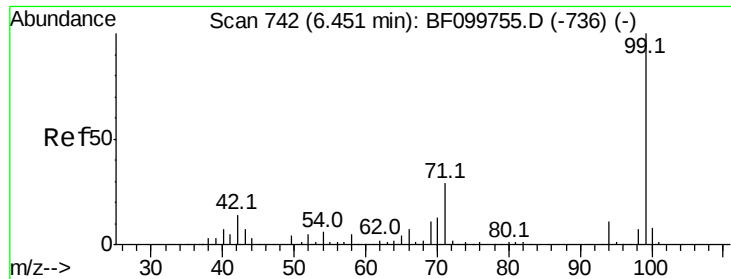
2-Fluorophenol
 Concen: 20.216 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Tgt Ion:112 Resp: 105632
 Ion Ratio Lower Upper
 112 100
 64 49.6 47.9 71.9
 63 23.8 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: 13.576 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100067.D

Acq: 2 Nov 2017 1:25

Instrument :

BNA_F

ClientSampled :

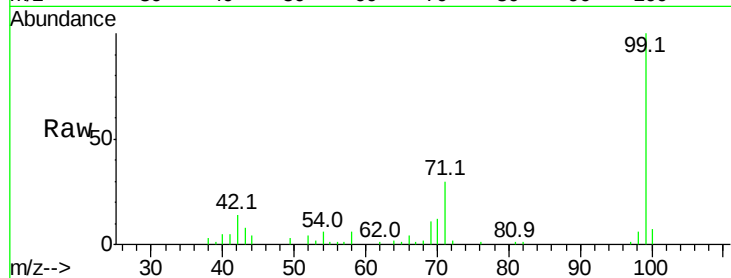
Tot Ion: 99 Resp: 84108

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

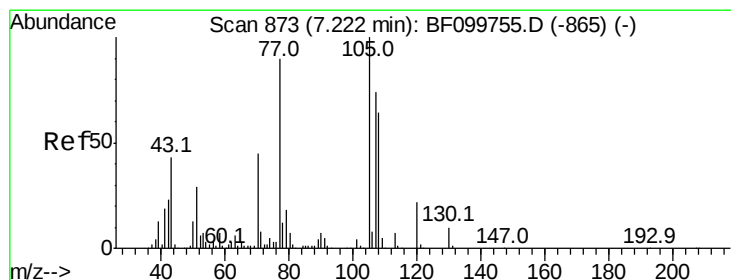
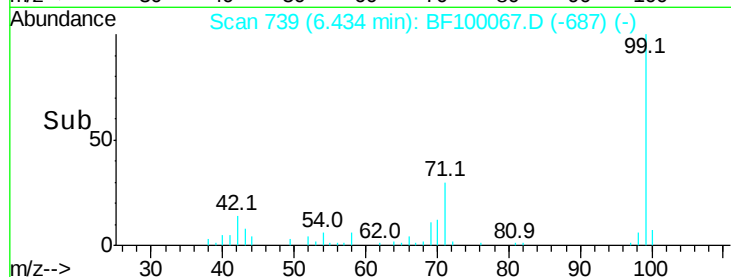
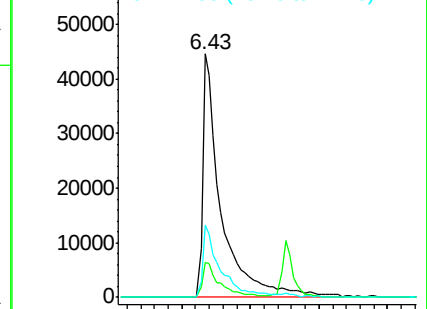
71 29.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.127 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100067.D

Acq: 2 Nov 2017 1:25

Tgt Ion: 70 Resp: 33137

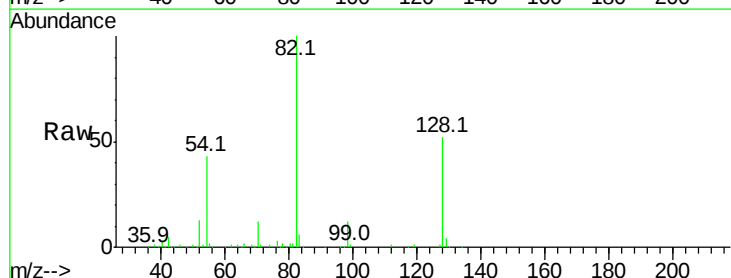
Ion Ratio Lower Upper

70 100

42 38.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

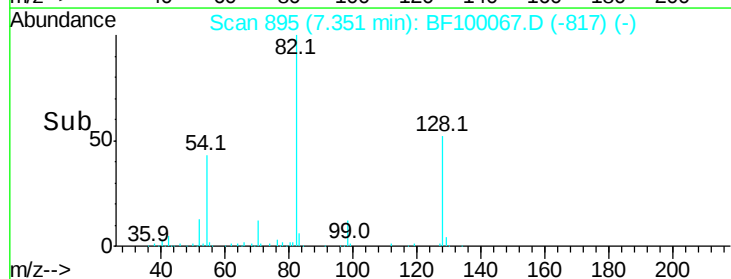
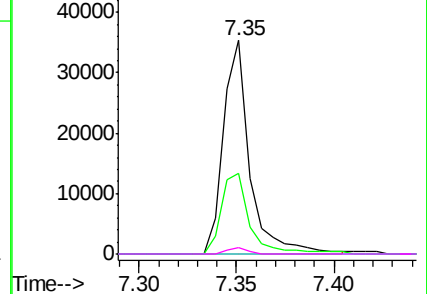


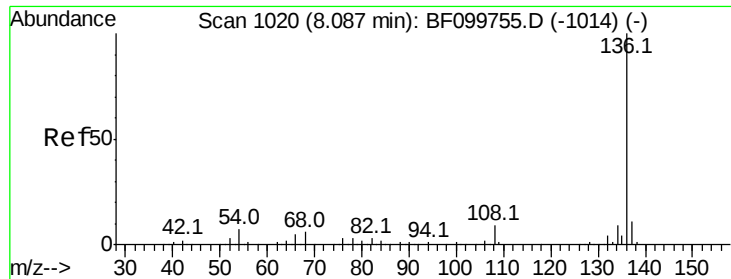
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

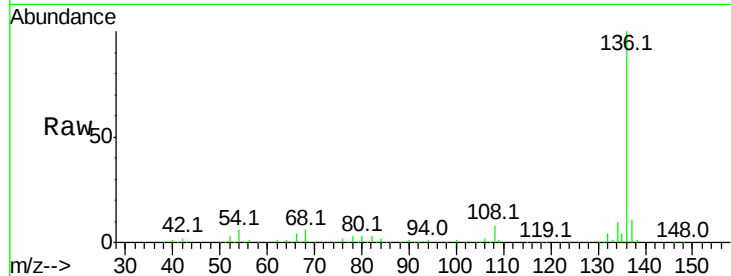




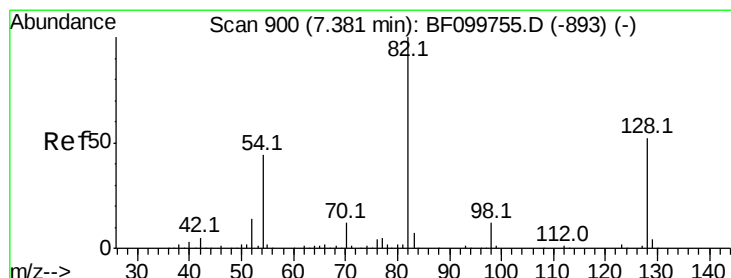
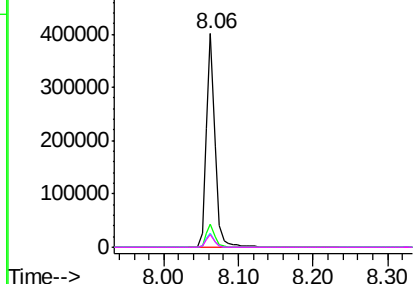
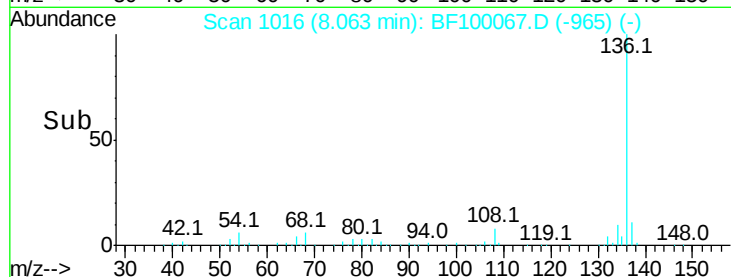
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100067.D
Acq: 2 Nov 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	329386
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.8	5.0	7.4

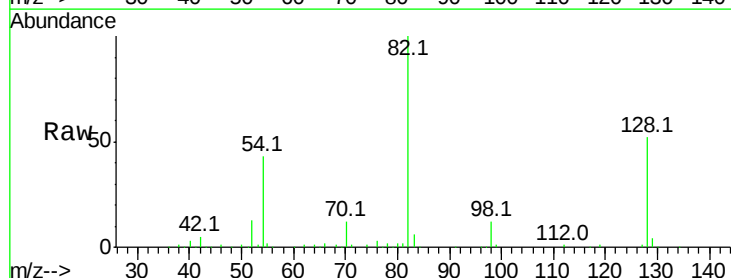


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

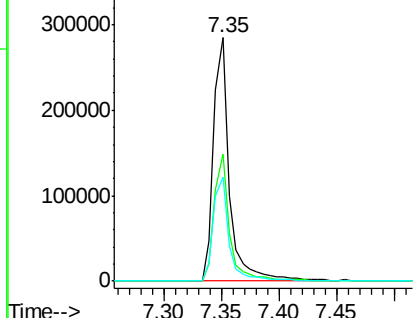
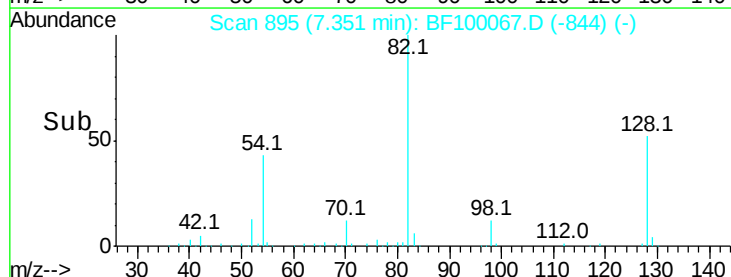


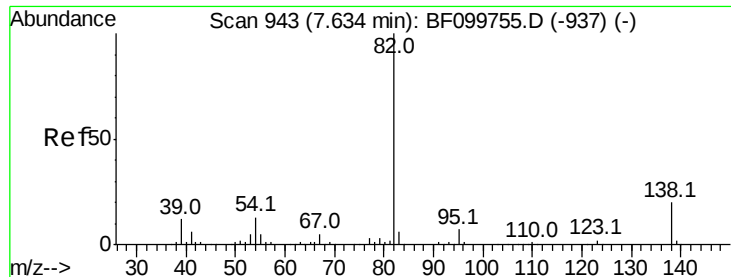
#23
Nitrobenzene-d5
Concen: 53.760 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF100067.D
Acq: 2 Nov 2017 1:25

Tgt Ion:	82	Resp:	275050
Ion	Ratio	Lower	Upper
82	100		
128	52.2	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.627 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100067.D

Acq: 2 Nov 2017 1:25

Instrument :

BNA_F

ClientSampleId :

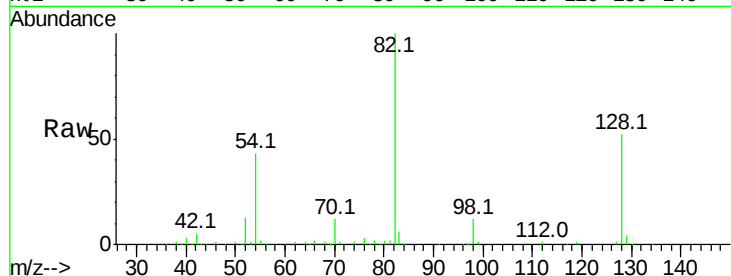
Tot Ion: 82 Resp: 275050

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

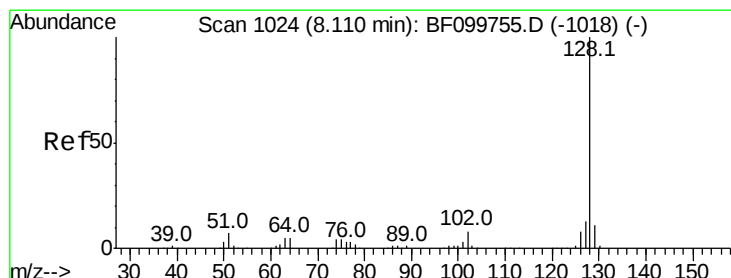
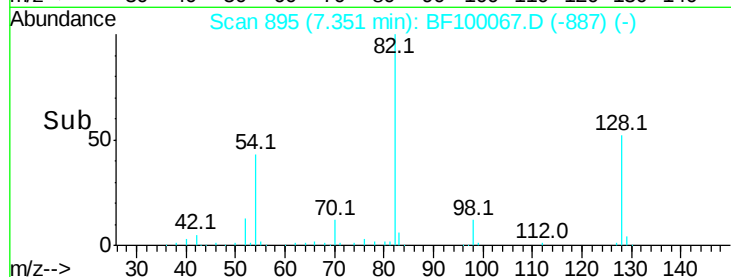
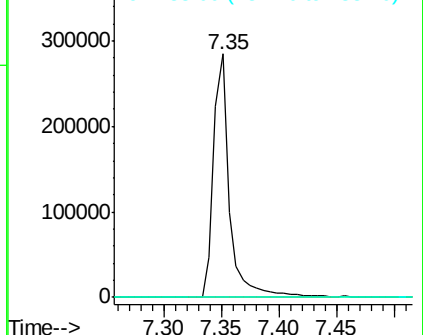
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.361 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF100067.D

Acq: 2 Nov 2017 1:25

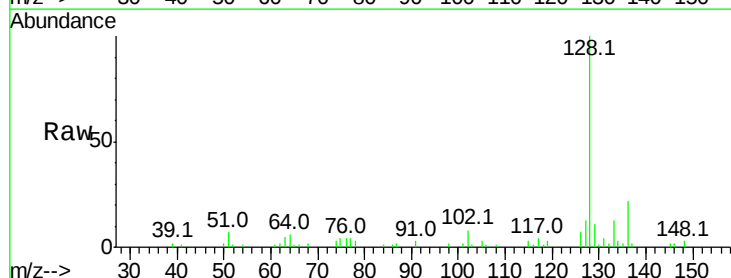
Tgt Ion: 128 Resp: 37534

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

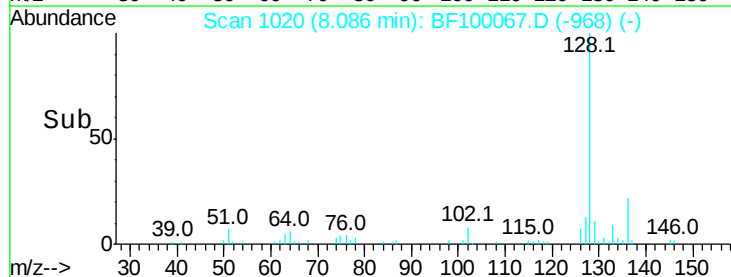
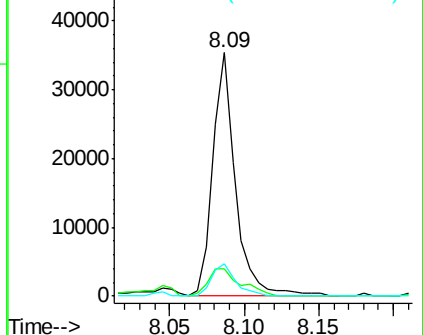
127 13.4 10.9 16.3

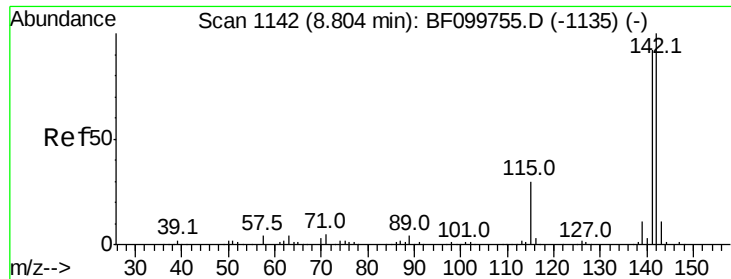


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

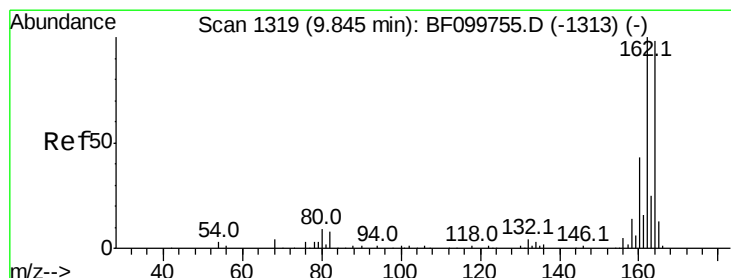
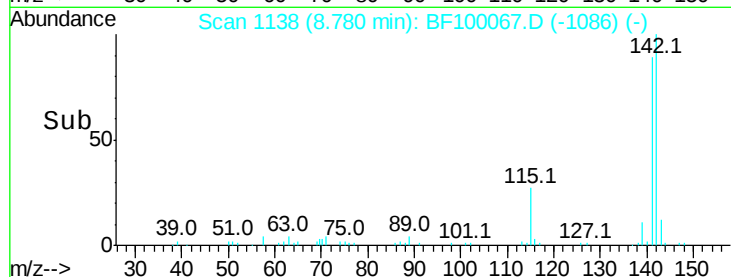
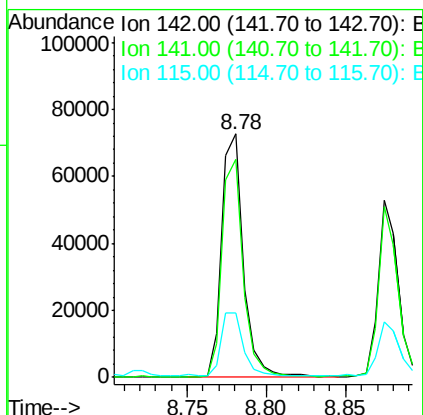
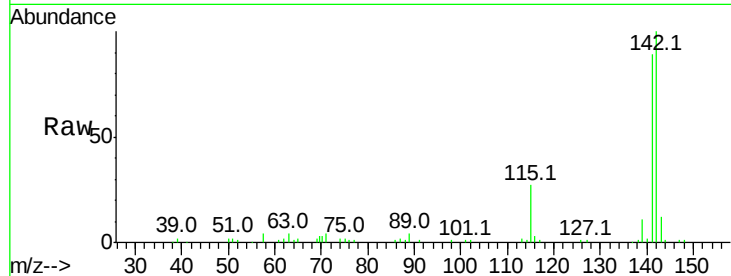




#37
 2-Methylnaphthalene
 Concen: 6.457 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

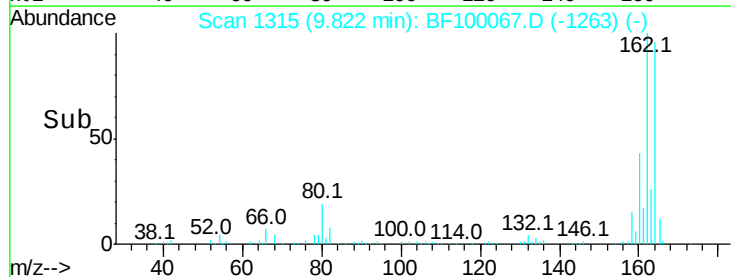
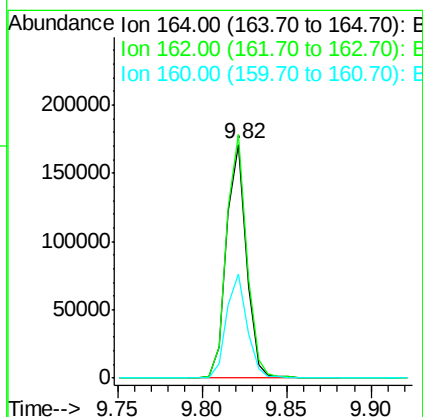
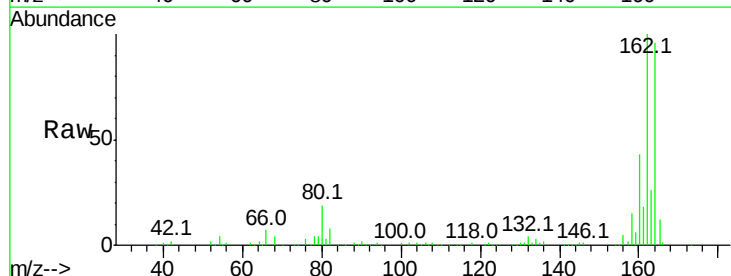
Instrument :
 BNA_F
 ClientSampleId :

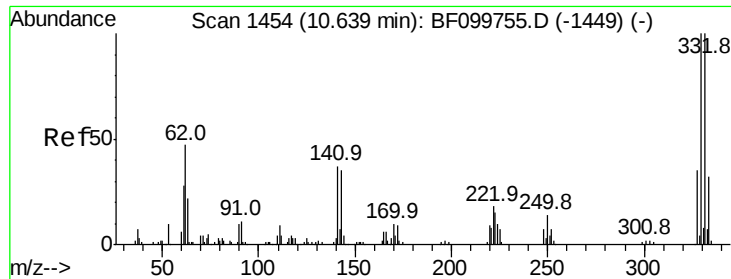
Tot Ion:142 Resp: 68801
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.8 106.2
 115 26.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Tgt Ion:164 Resp: 141215
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 44.7 38.3 57.5

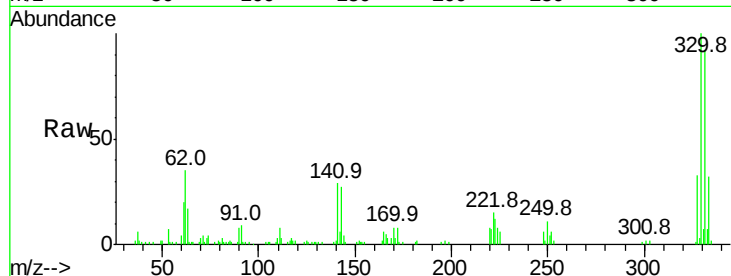




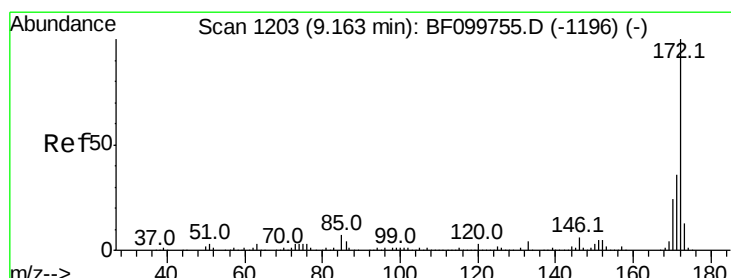
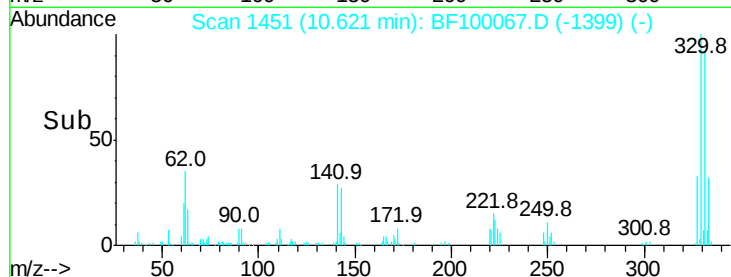
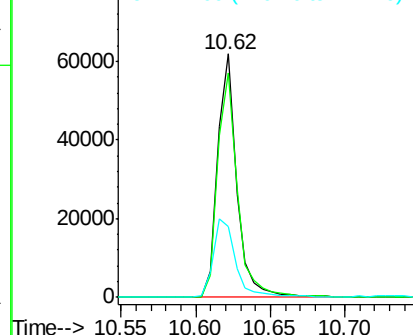
#41
 2,4,6-Tribromophenol
 Concen: 43.299 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	37.7	29.9	44.9

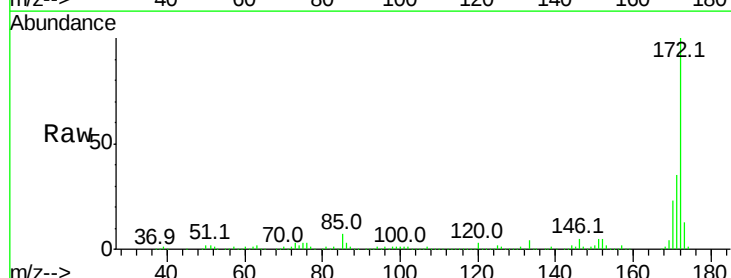


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

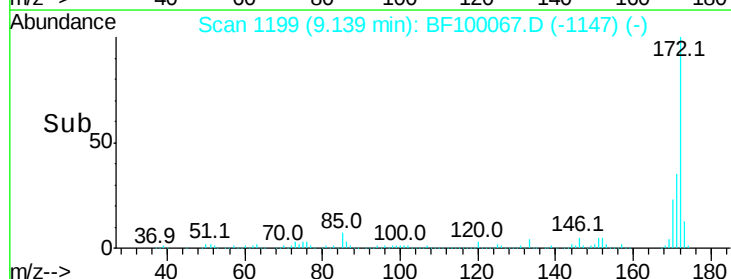
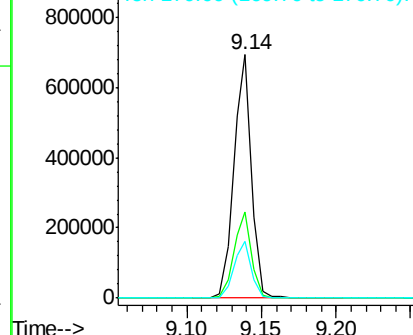


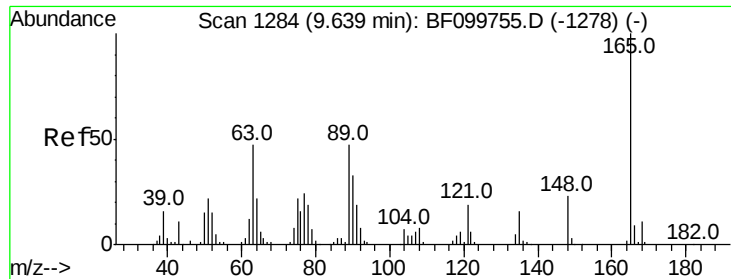
#44
 2-Fluorobiphenyl
 Concen: 63.366 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	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

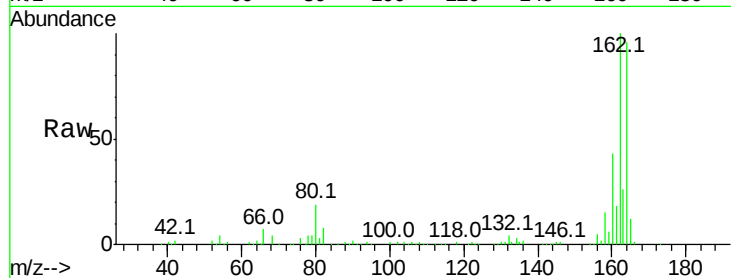




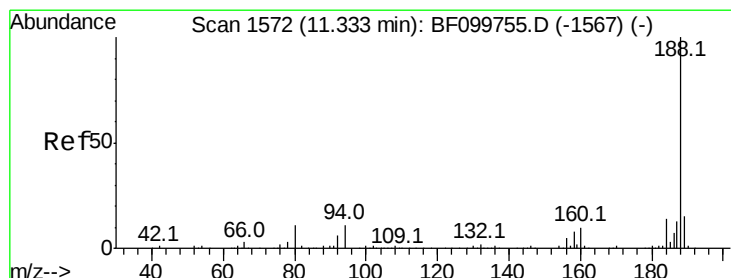
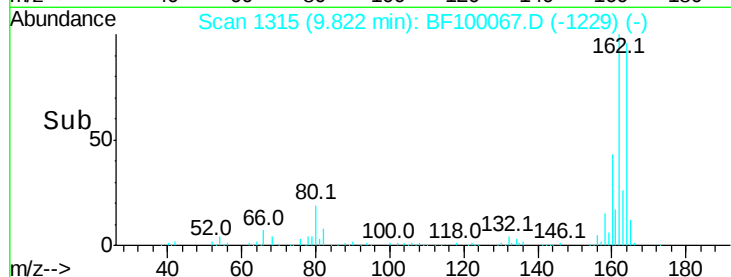
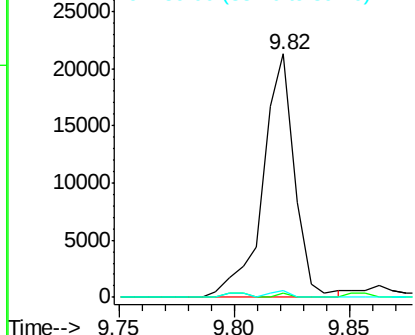
#50
 2,6-Dinitrotoluene
 Concen: 8.664 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 20369
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.7 67.1#
 89 2.6 44.0 66.0#

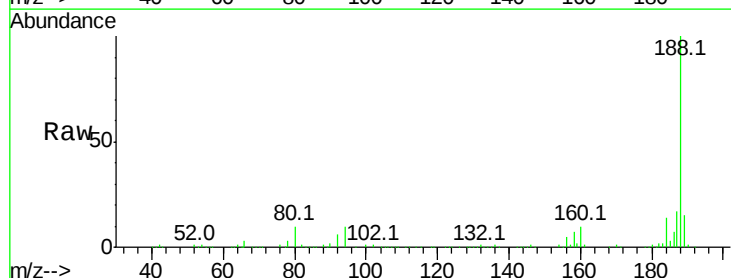


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

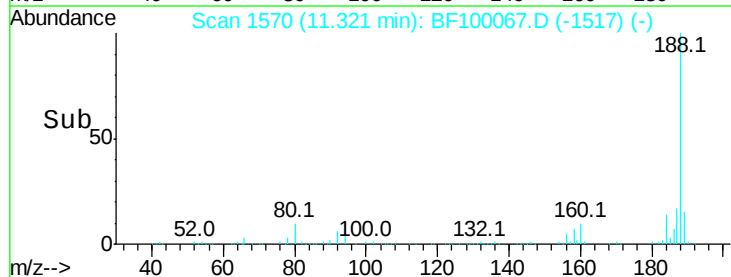
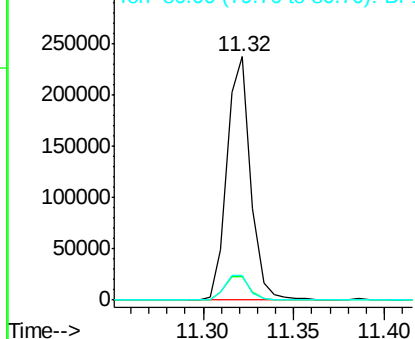


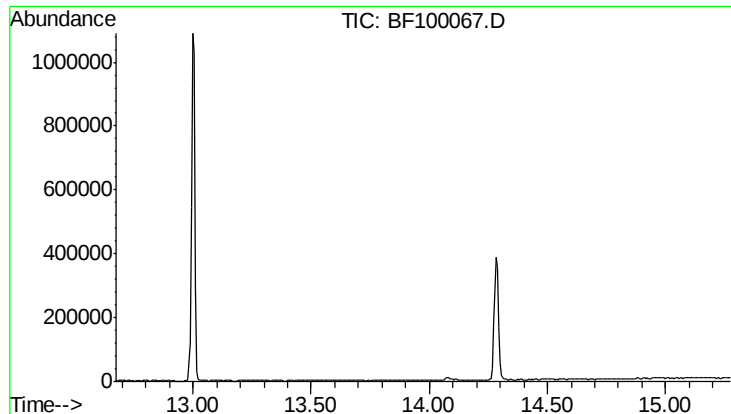
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF100067.D
 Acq: 2 Nov 2017 1:25

Tgt Ion:188 Resp: 215784
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.2 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: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100067.D

Acq: 2 Nov 2017 1:25

Tot Ion: 240

Sig Exp Ratio

240 100

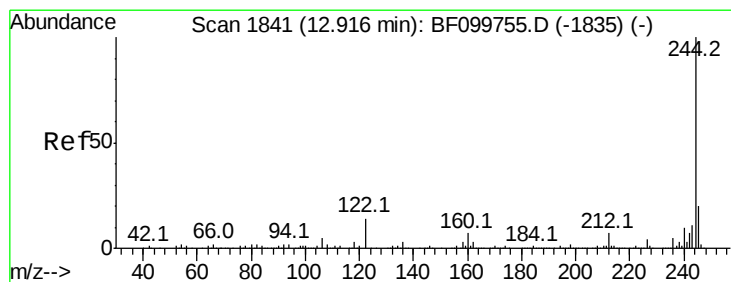
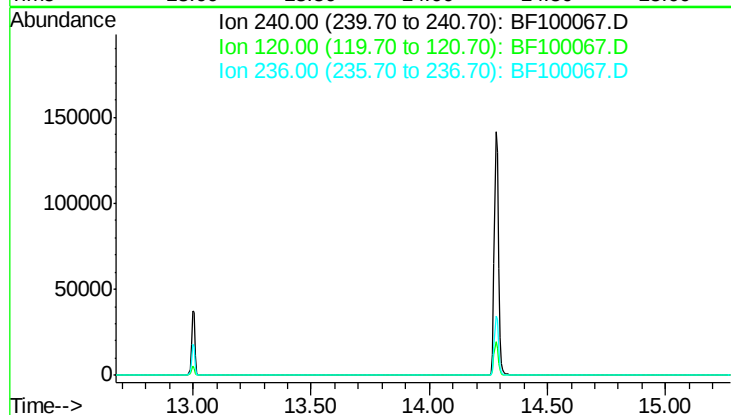
120 11.9

236 25.9

Instrument :

BNA_F

ClientSampleId :



#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.10 min

Lab File: BF100067.D

Acq: 2 Nov 2017 1:25

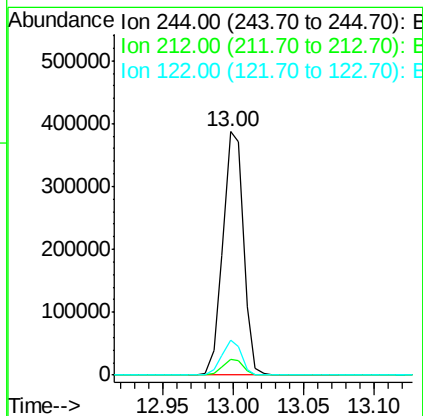
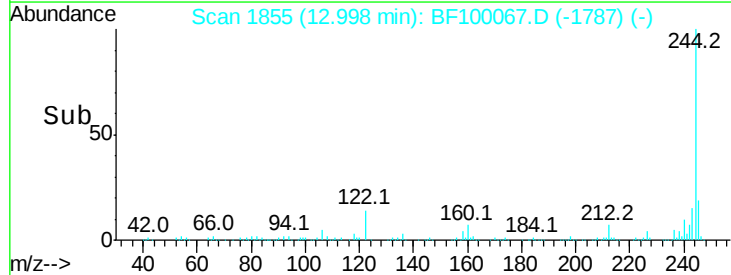
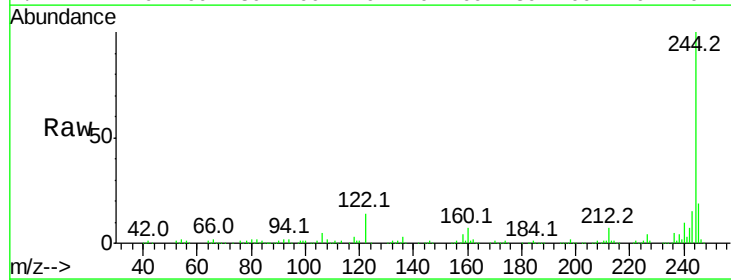
Tgt Ion:244 Resp: 393510

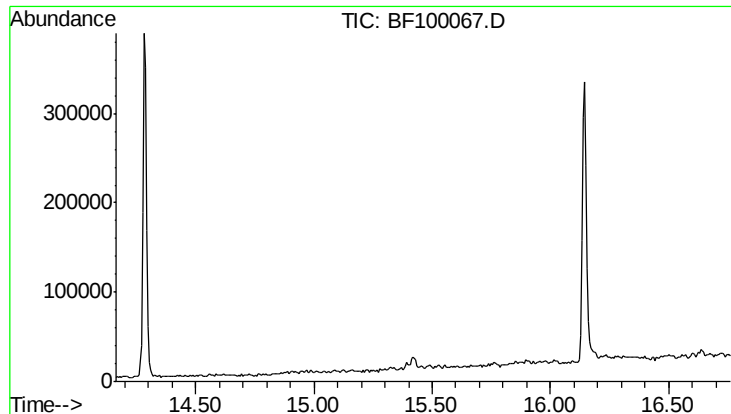
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 14.3 11.0 16.4





#86
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.46 min
Lab File: BF100067.D
Acq: 2 Nov 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264
Sig	Exp Ratio
264	100
260	24.0
265	21.9

