

Data File : BF100027.D
Acq On : 1 Nov 2017 5:12
Operator : SJ/JU
Sample : PB103271BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103271BL

Quant Time: Nov 01 08:21:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	77666	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	323292	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	149604	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	272157	20.00	ng	0.00
75) Chrysene-d12	13.98	240	173284	20.00	ng	0.00
86) Perylene-d12	15.48	264	140080	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	556136	112.42	ng	0.01
7) Phenol-d6	6.43	99	653772	111.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	363465	72.38	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	137473	100.83	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	793876	81.87	ng	0.00
78) Terphenyl-d14	12.91	244	676222	85.28	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	43465	12.64	ng	# 72
25) Isophorone	7.36	82	363465	39.89	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	19026	7.64	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	19026	6.34	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	8489	2.96	ng	# 1

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

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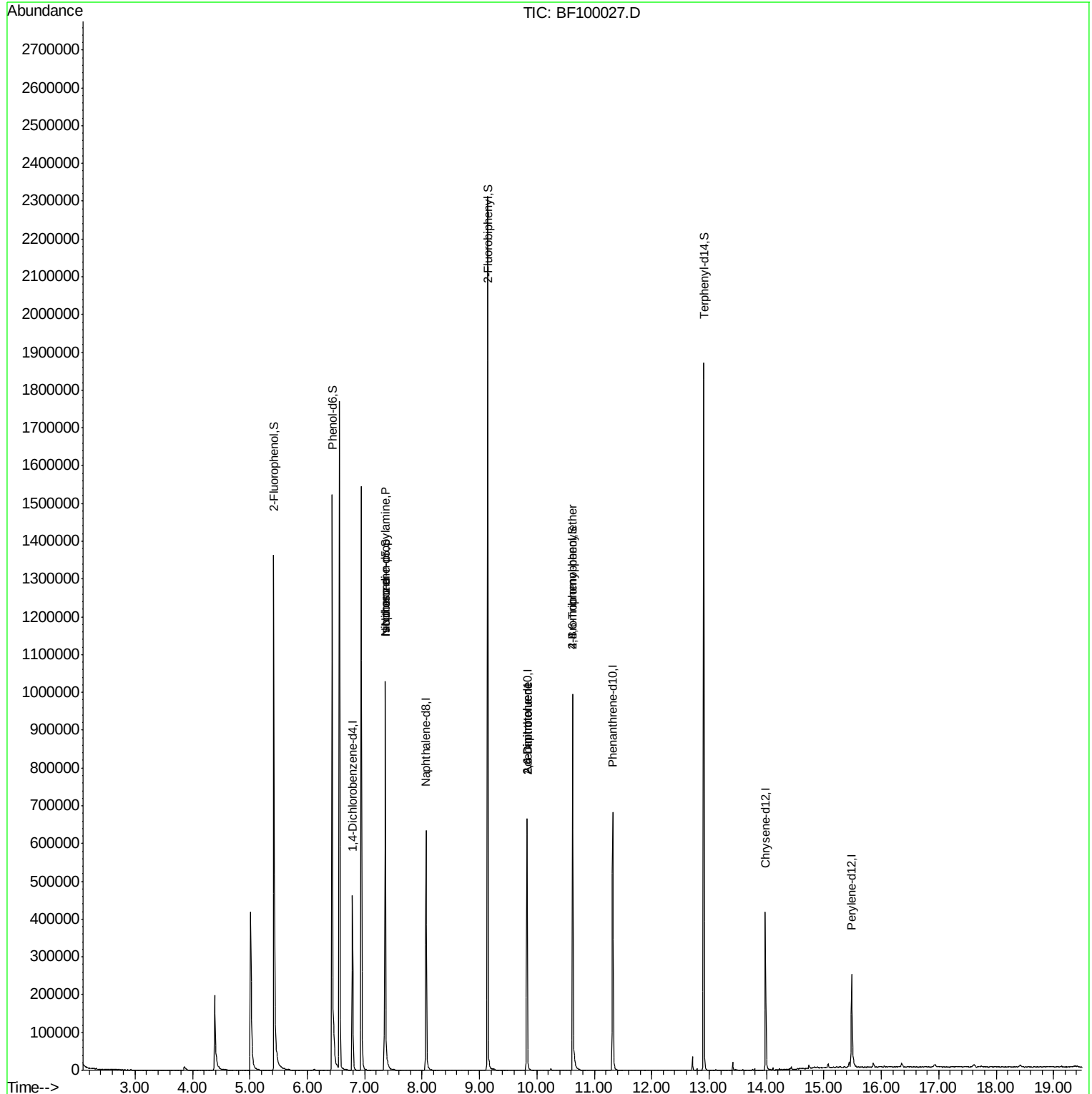
Quant Time: Nov 01 08:21:24 2017

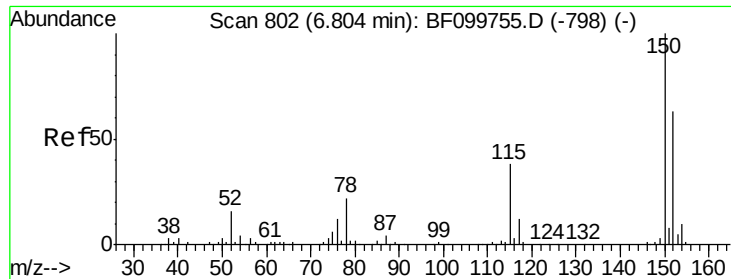
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

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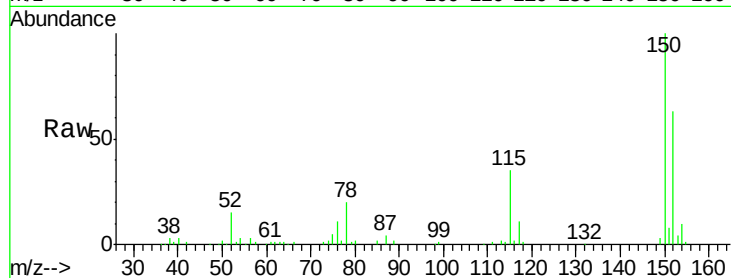




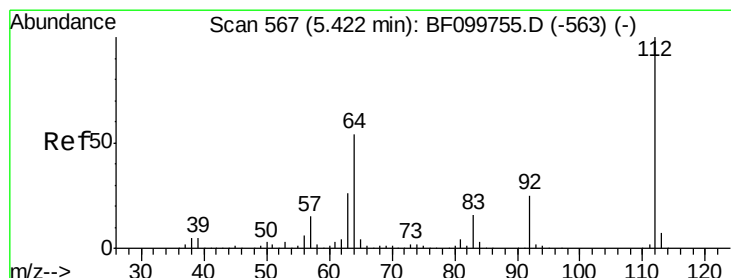
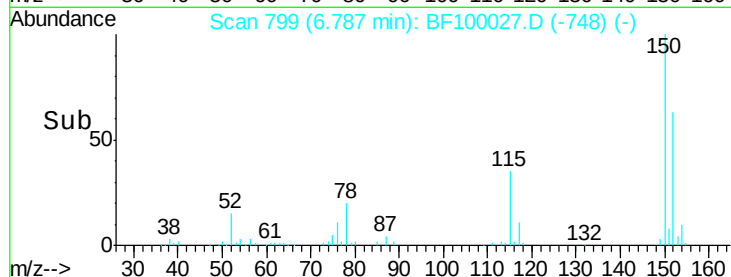
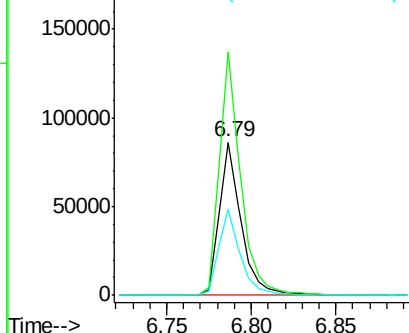
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB103271BL

Tgt Ion:152 Resp: 77666
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 56.3 50.1 75.1

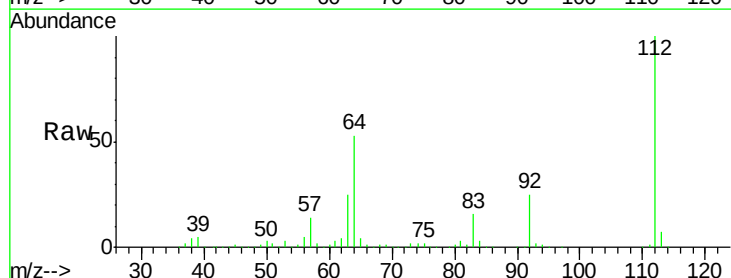


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

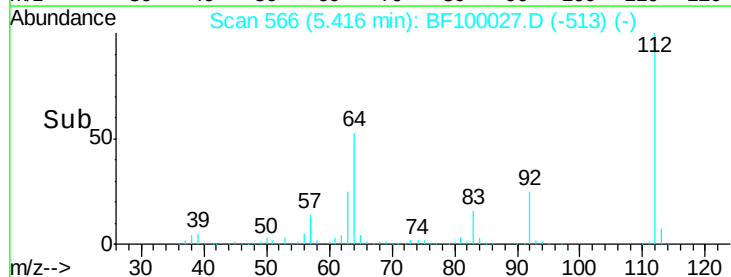
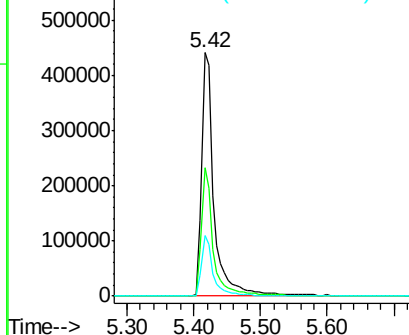


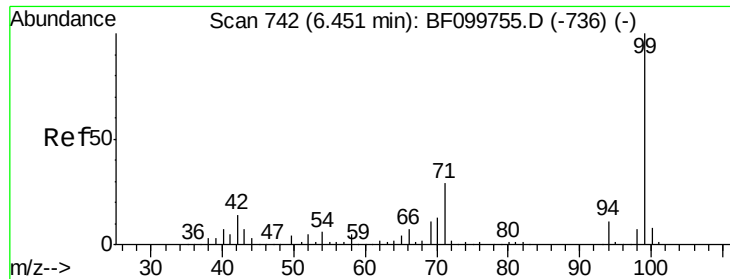
#5
 2-Fluorophenol
 Concen: 112.42 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

Tgt Ion:112 Resp: 556136
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 24.7 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: 111.46 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100027.D

Acq: 1 Nov 2017 5:12

Instrument :

BNA_F

ClientSampleId :

PB103271BL

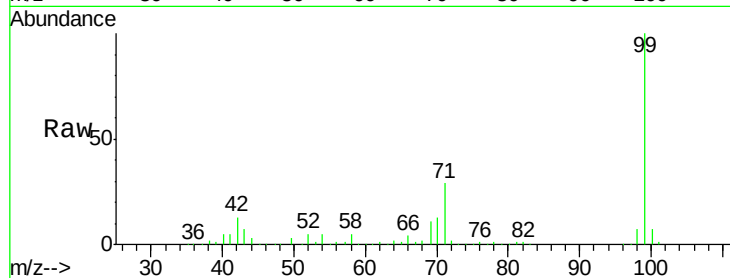
Tgt Ion: 99 Resp: 653772

Ion Ratio Lower Upper

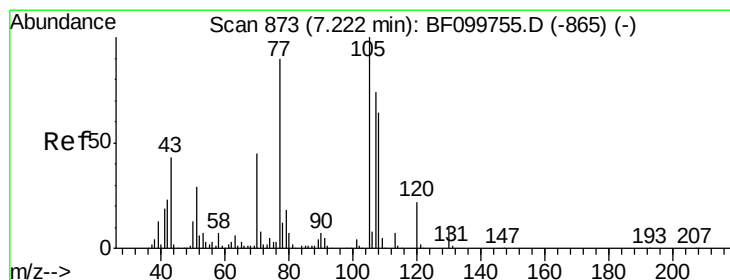
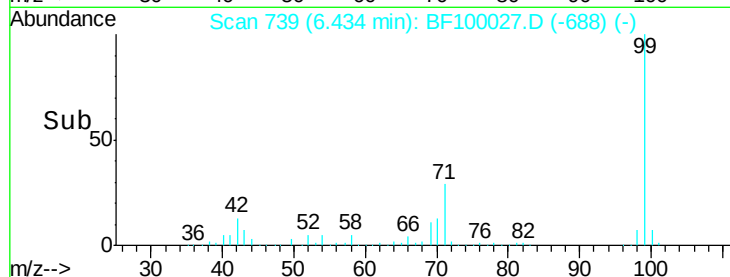
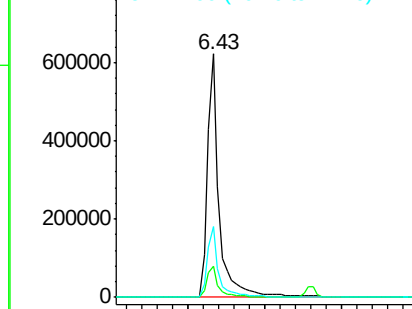
99 100

42 13.0 14.5 21.7#

71 28.9 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: 12.64 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100027.D

Acq: 1 Nov 2017 5:12

Tgt Ion: 70 Resp: 43465

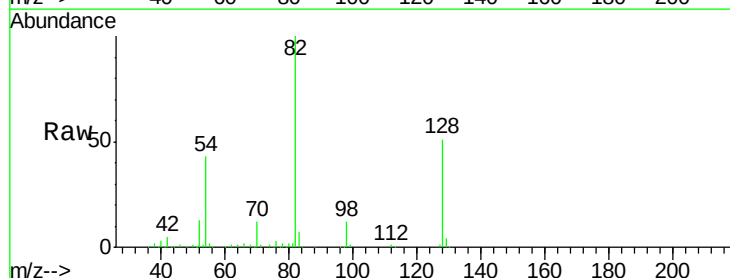
Ion Ratio Lower Upper

70 100

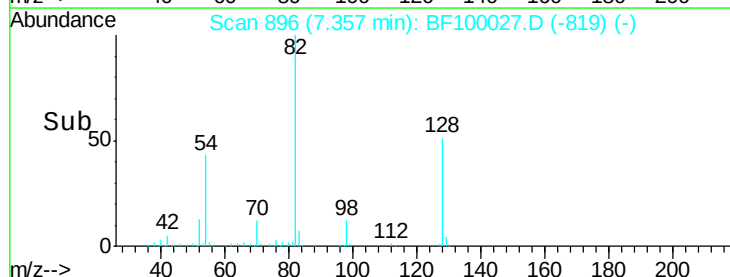
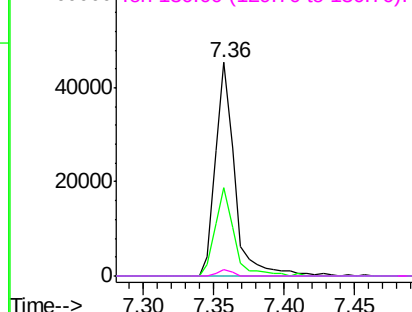
42 41.2 47.5 71.3#

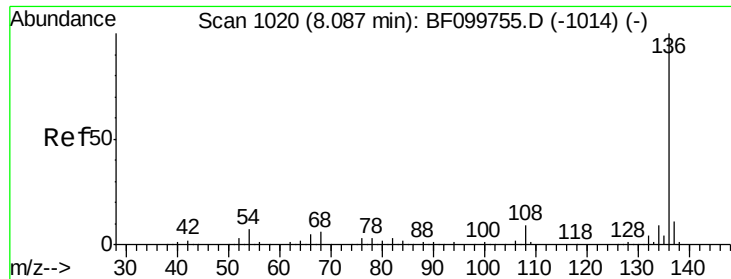
101 0.0 7.4 11.2#

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

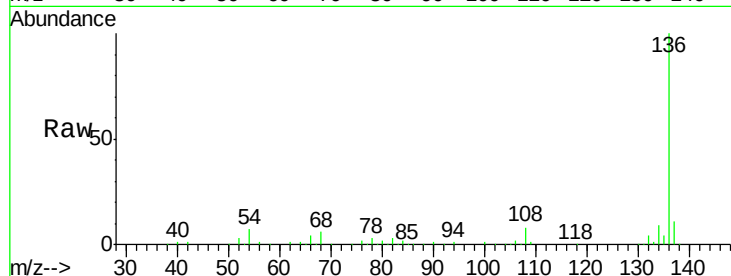




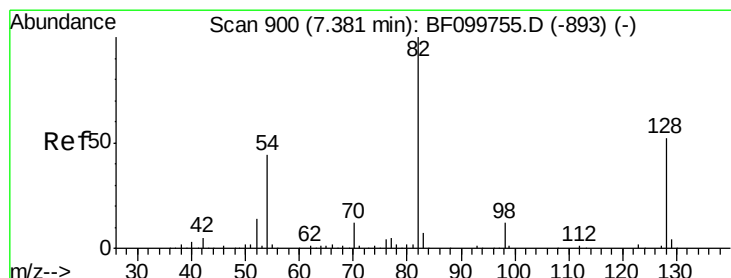
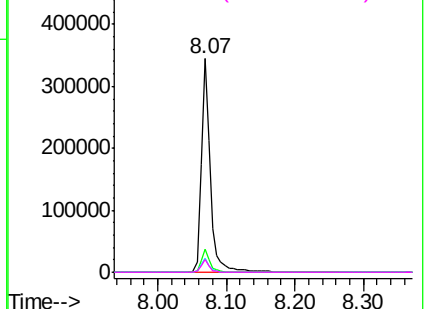
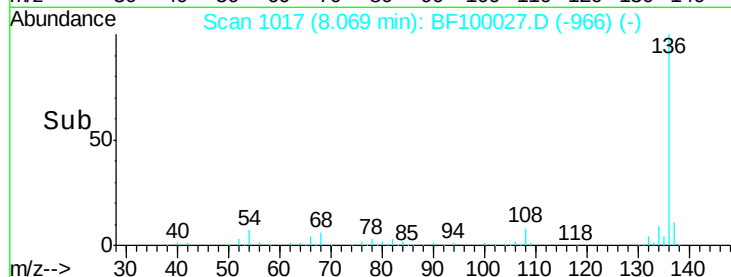
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100027.D
Acq: 1 Nov 2017 5:12

Instrument :
BNA_F
ClientSampleId :
PB103271BL

Tgt Ion:	136	Resp:	323292
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	6.1	5.0	7.4

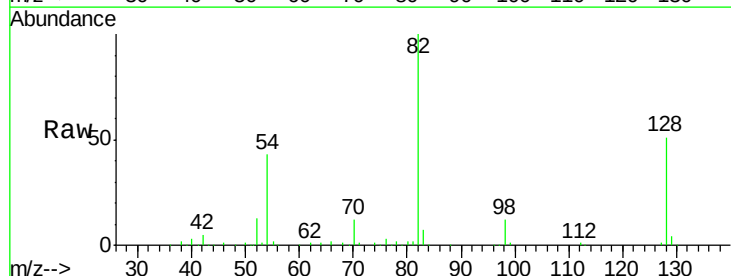


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

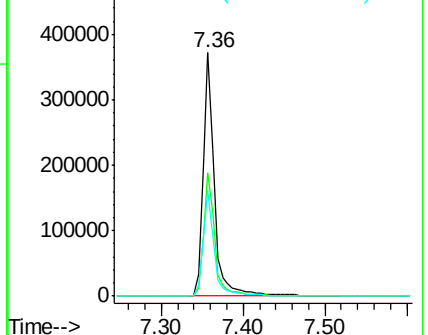
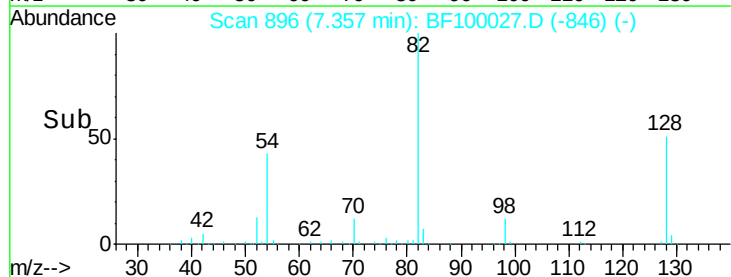


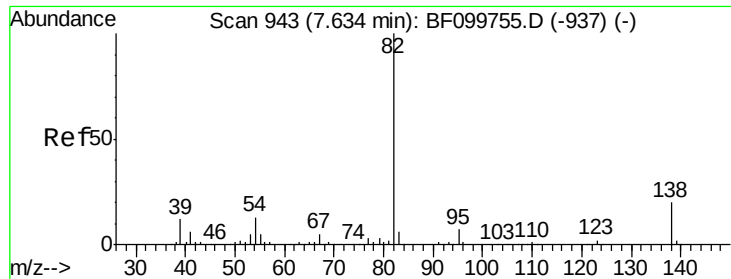
#23
Nitrobenzene-d5
Concen: 72.38 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100027.D
Acq: 1 Nov 2017 5:12

Tgt Ion:	82	Resp:	363465
Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	43.3	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: 39.89 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF100027.D

Acq: 1 Nov 2017 5:12

Instrument :

BNA_F

ClientSampleId :

PB103271BL

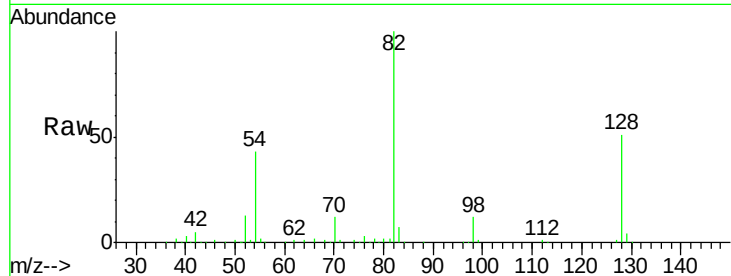
Tgt Ion: 82 Resp: 363465

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

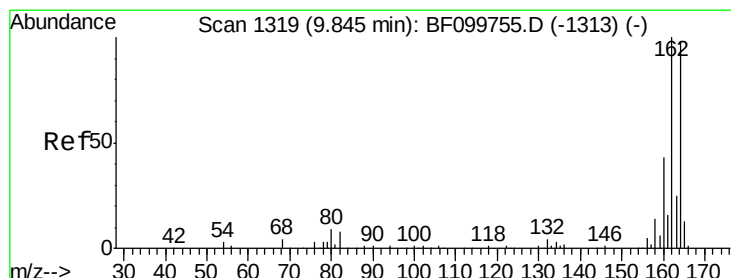
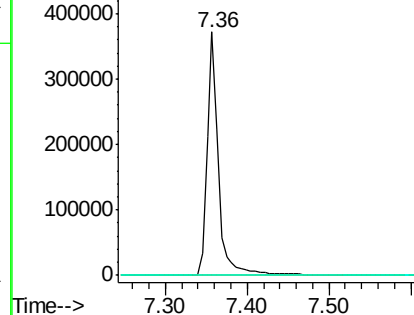
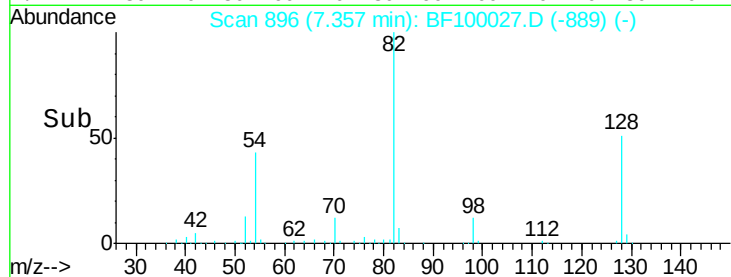
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF100027.D

Acq: 1 Nov 2017 5:12

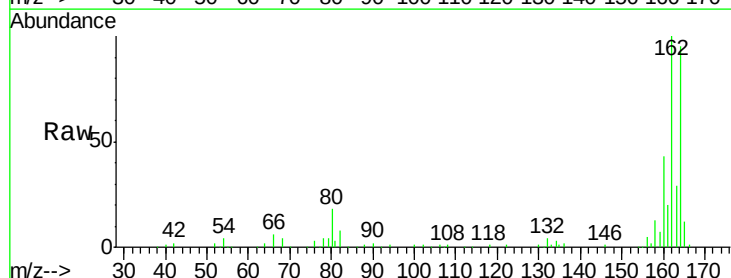
Tgt Ion: 164 Resp: 149604

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

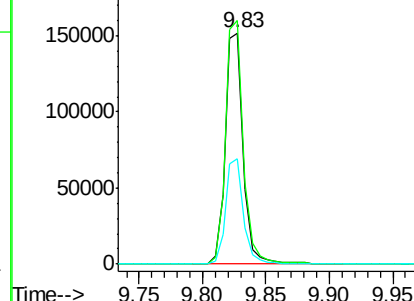
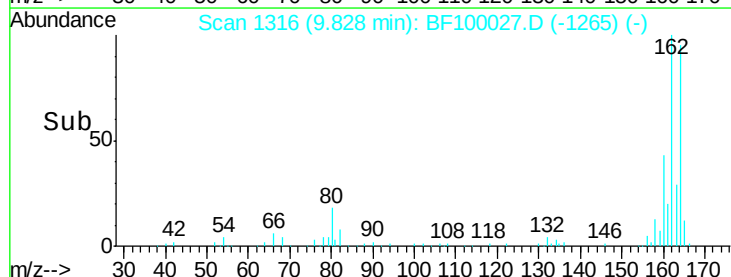
160 45.4 38.3 57.5

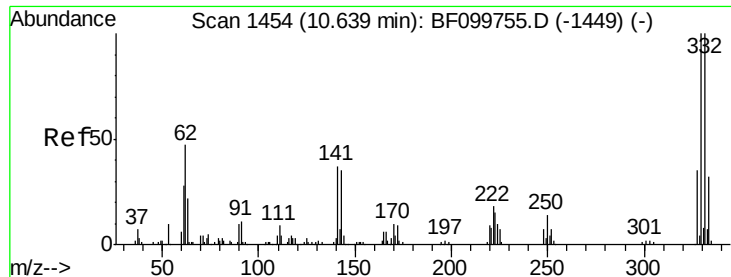


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

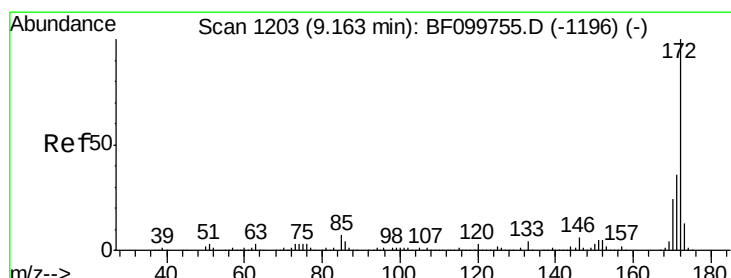
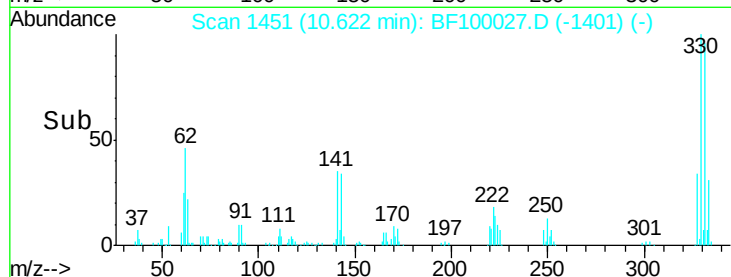
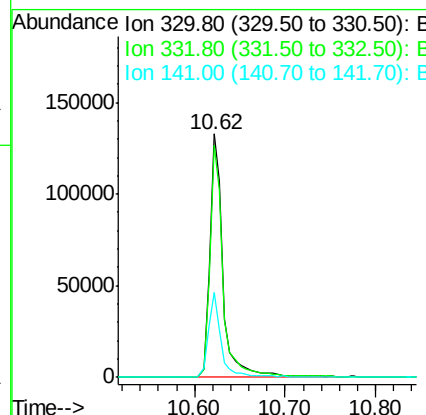
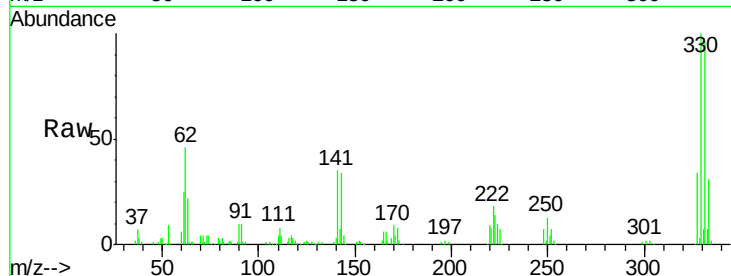




#41
 2,4,6-Tribromophenol
 Concen: 100.83 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

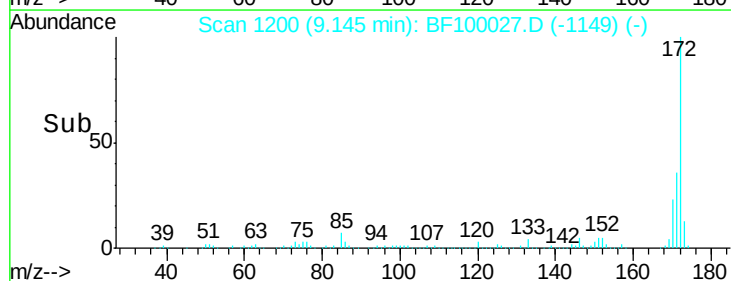
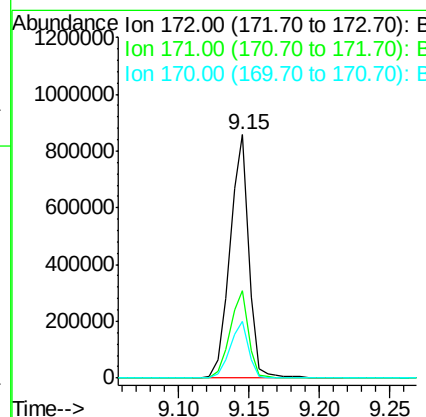
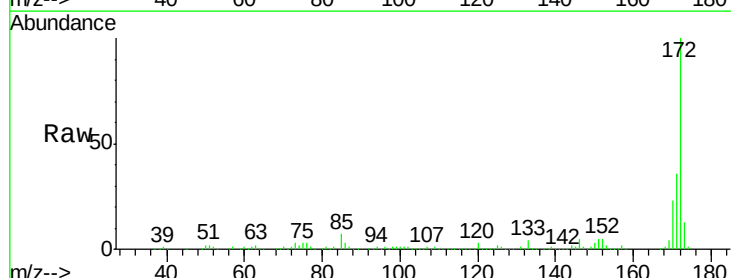
Instrument :
 BNA_F
 ClientSampleId :
 PB103271BL

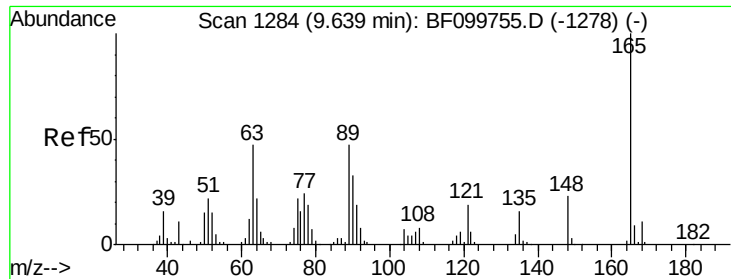
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.87 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.1	19.6	29.4

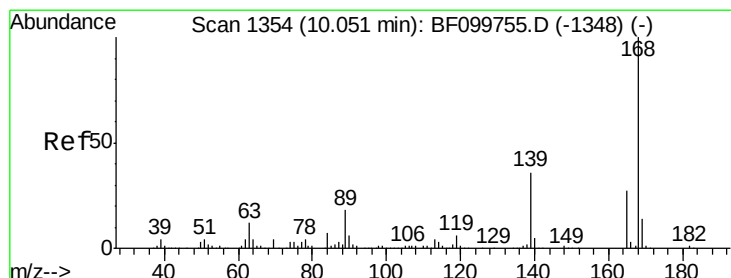
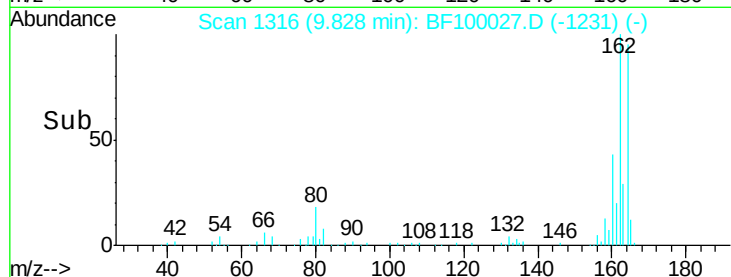
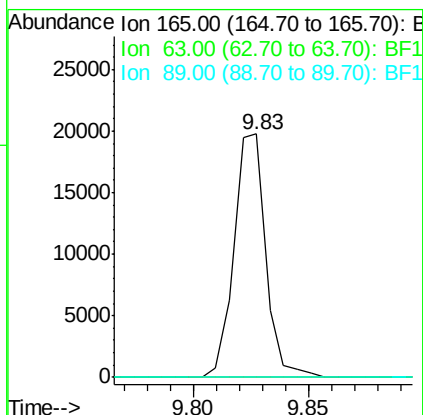
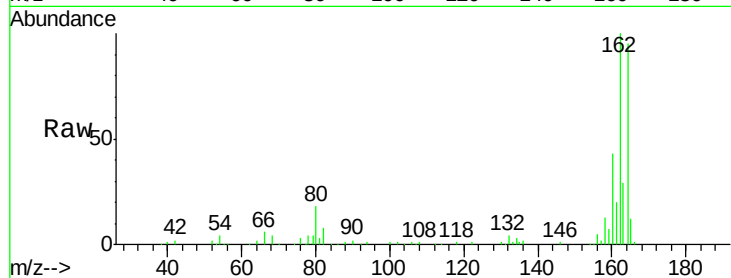




#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

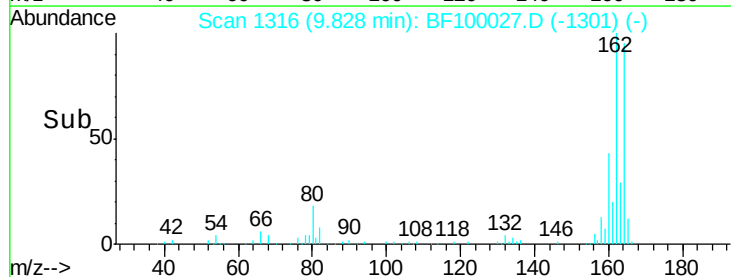
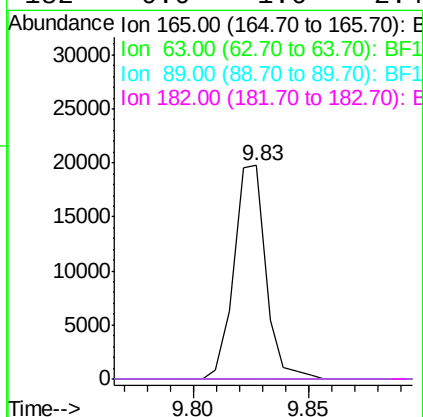
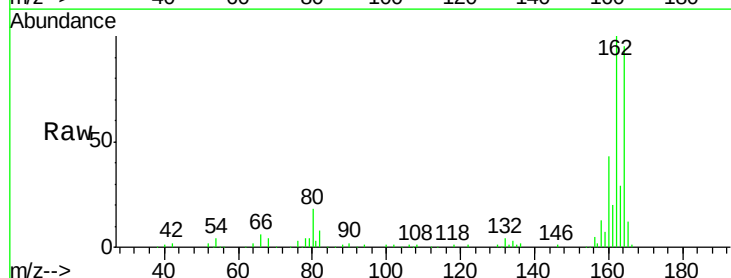
Instrument :
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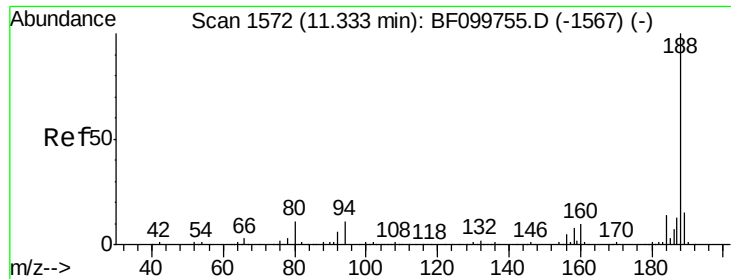
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

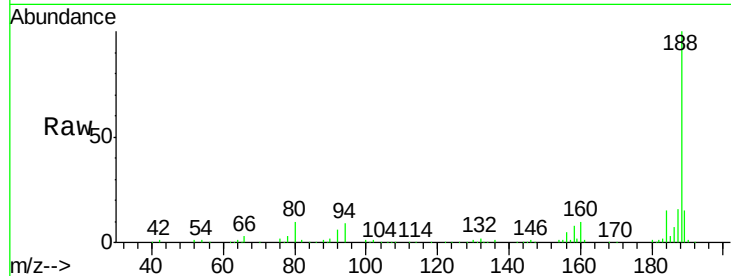




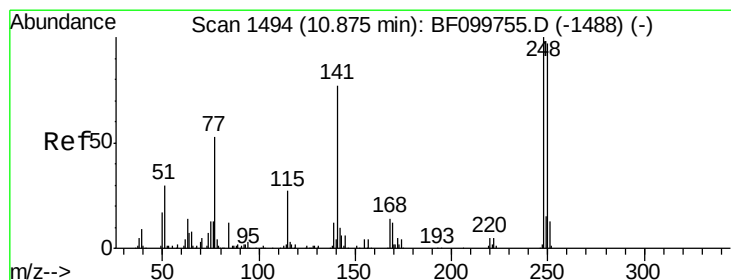
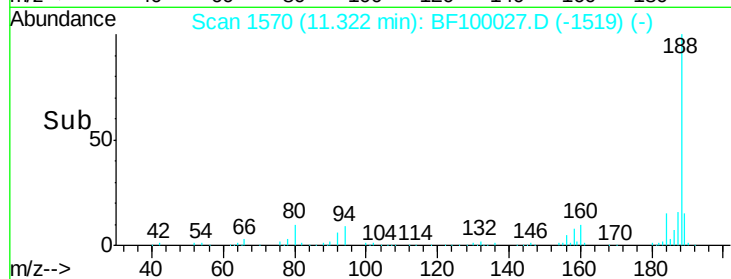
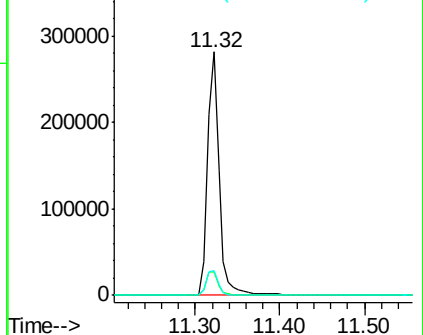
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100027.D
Acq: 1 Nov 2017 5:12

Instrument :
BNA_F
ClientSampleId :
PB103271BL

Tgt Ion:188 Resp: 272157
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.0 9.2 13.8

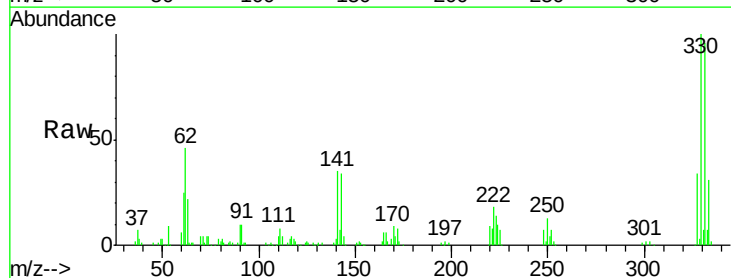


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

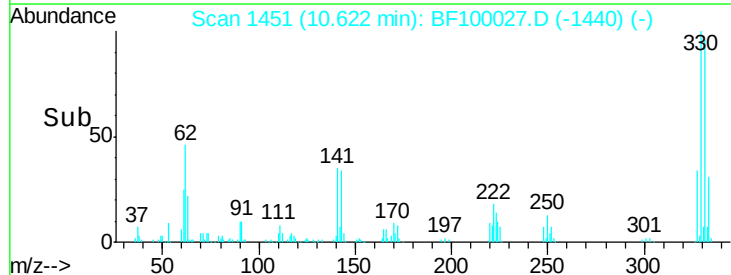
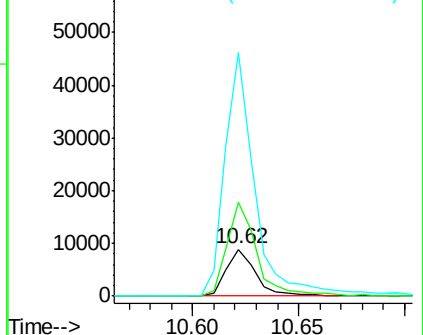


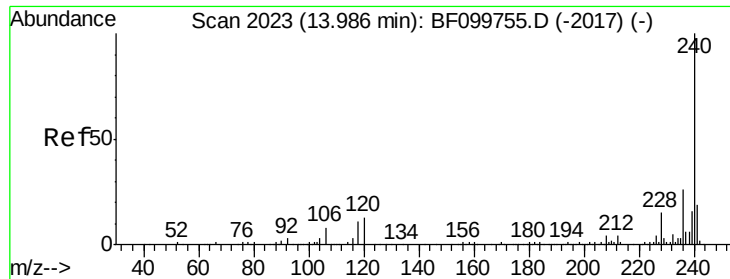
#66
4-Bromophenyl-phenylether
Concen: 2.96 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100027.D
Acq: 1 Nov 2017 5:12

Tgt Ion:248 Resp: 8489
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 518.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

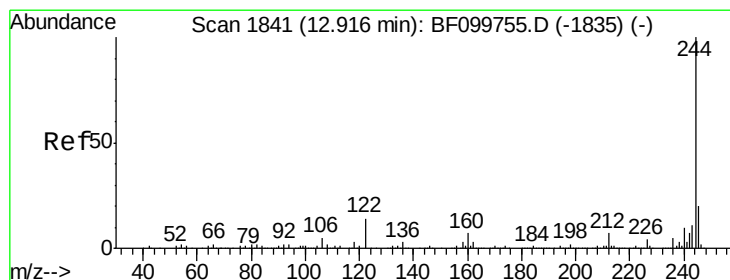
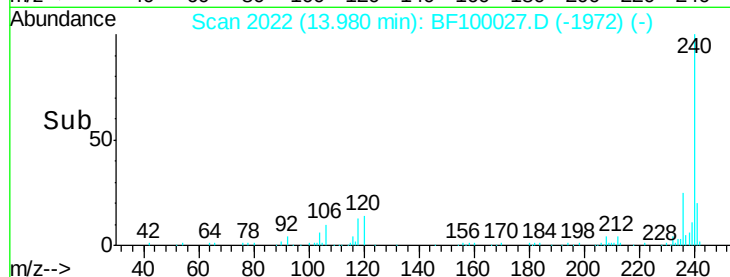
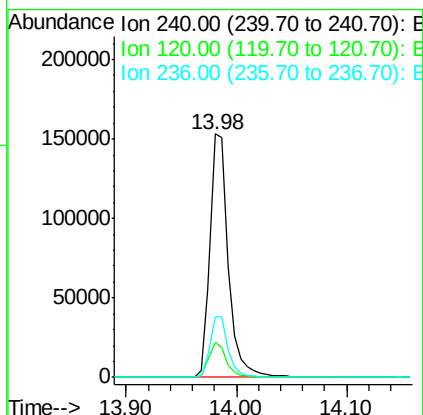
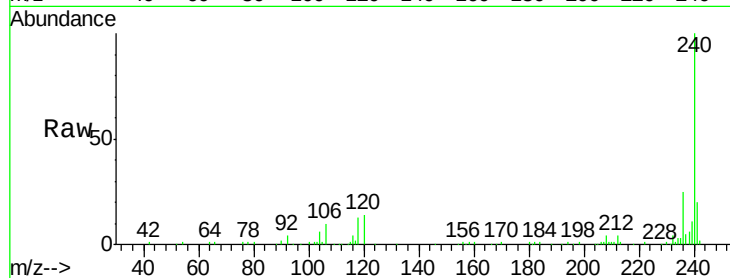




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

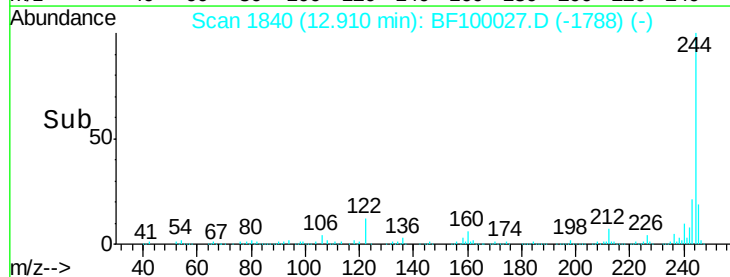
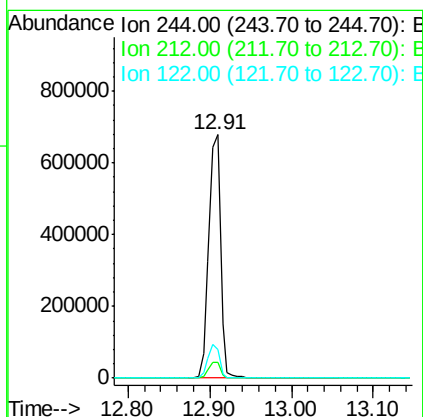
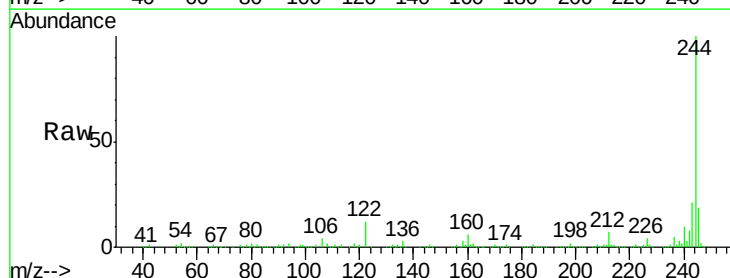
Instrument :
 BNA_F
 ClientSampleId :
 PB103271BL

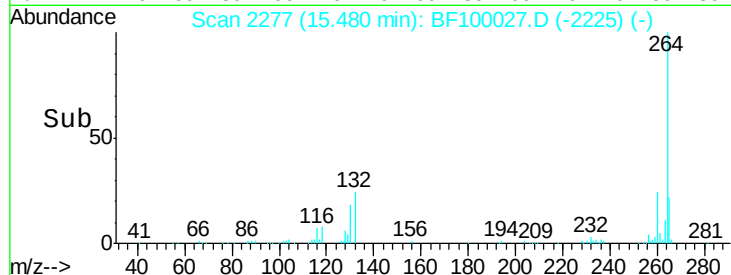
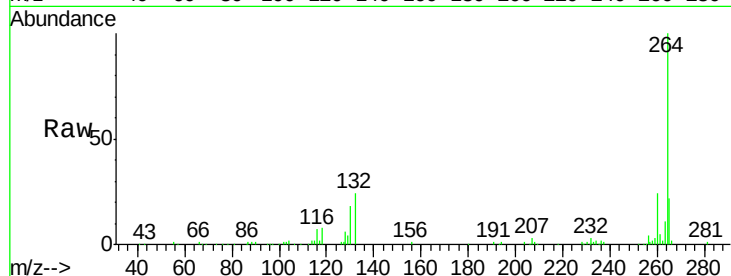
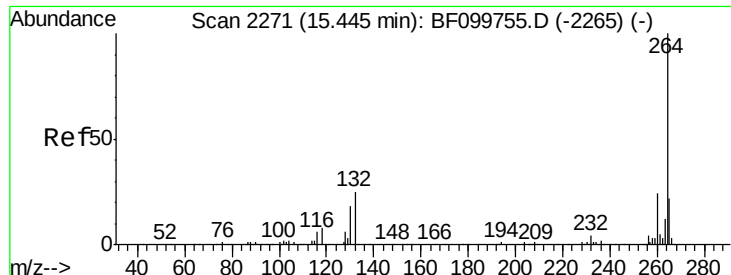
Tgt Ion:240 Resp: 173284
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3#
 236 24.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 85.28 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100027.D
 Acq: 1 Nov 2017 5:12

Tgt Ion:244 Resp: 676222
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.7 11.0 16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF100027.D
Acq: 1 Nov 2017 5:12

Instrument :
BNA_F
ClientSampleId :
PB103271BL

Tgt Ion:	264	Resp:	140080
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.4	17.5	26.3

