

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101600.D
 Acq On : 21 Dec 2017 12:13
 Operator : SJ/JU
 Sample : PB105170BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105170BL

Quant Time: Dec 21 13:26:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

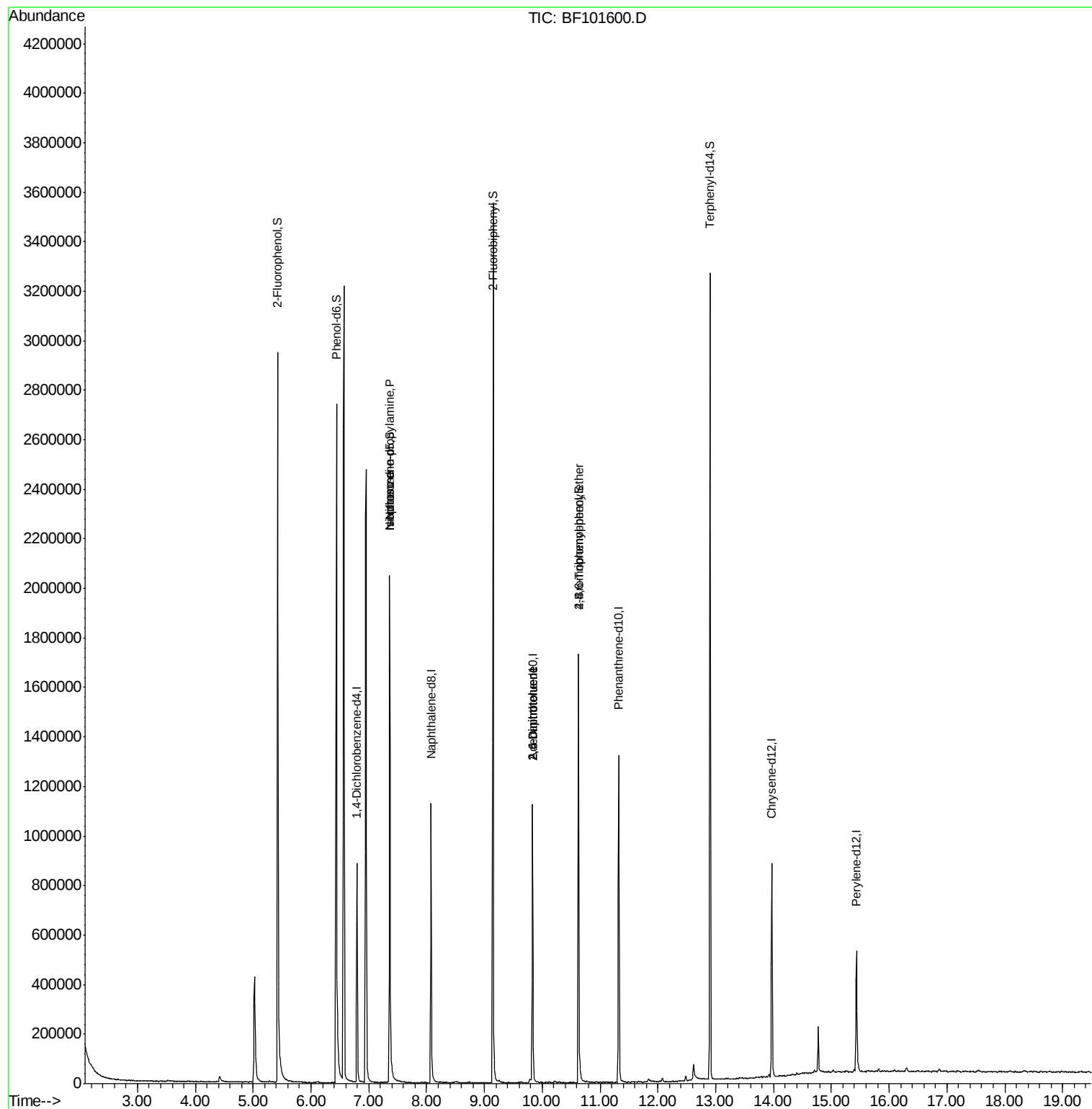
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	138643	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	558408	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	256619	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	498208	20.00	ng	0.00
75) Chrysene-d12	13.97	240	311877	20.00	ng	0.00
86) Perylene-d12	15.43	264	265573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	962603	103.42	ng	0.01
7) Phenol-d6	6.44	99	1158893	100.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	738390	73.61	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	221208	89.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1242127	75.09	ng	0.00
78) Terphenyl-d14	12.90	244	1172148	90.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	97917	12.872	ng	# 82
25) Isophorone	7.36	82	738390	36.693	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	32138	7.661	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	32138	6.799	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	14280	2.551	ng	# 1

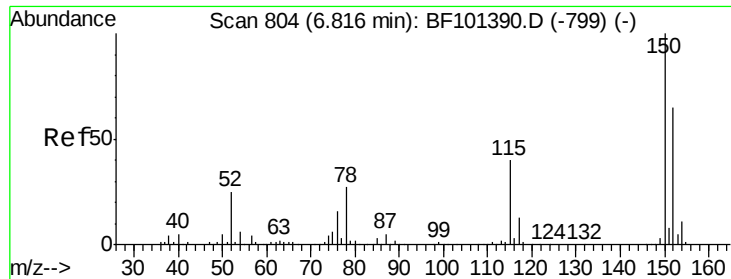
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 13:26:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

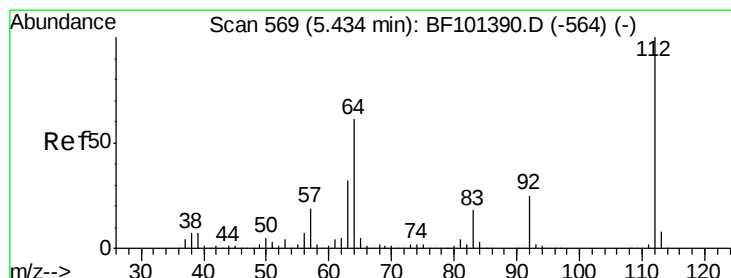
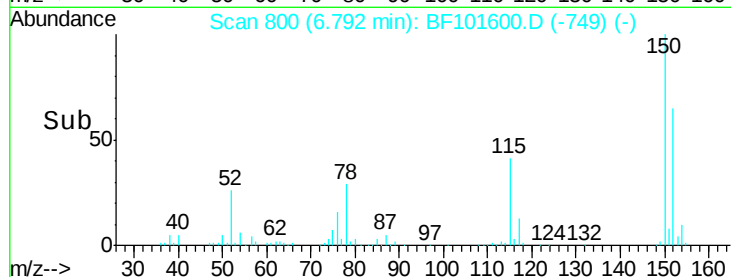
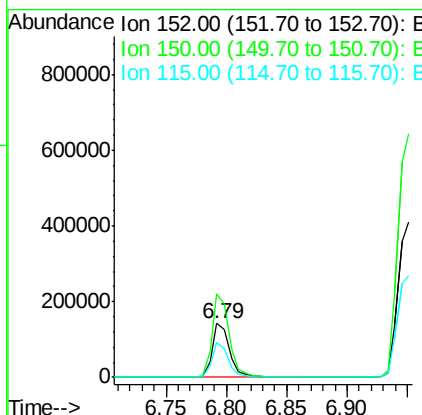
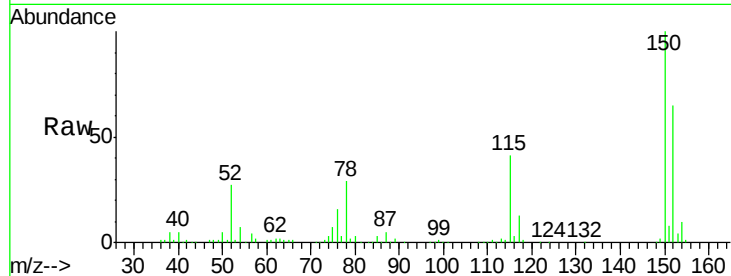




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101600.D
 Acq: 21 Dec 2017 12:13

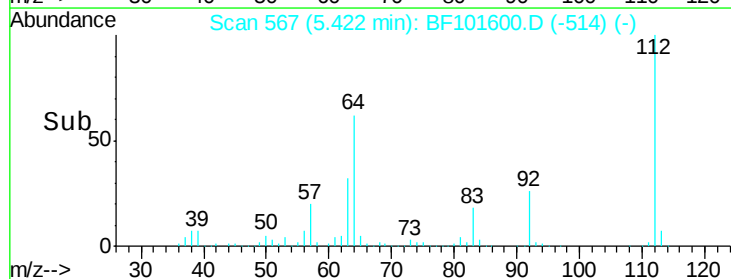
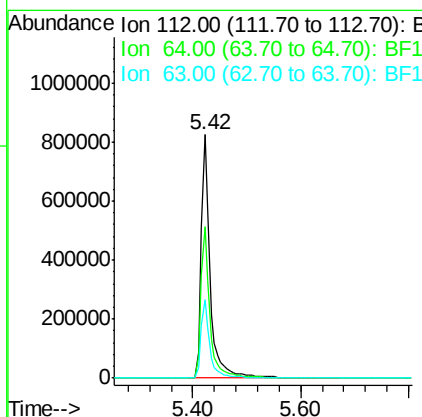
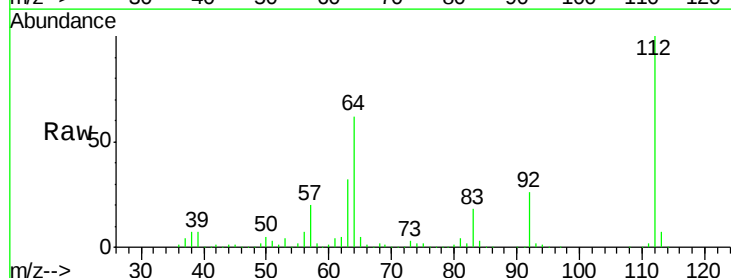
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BL

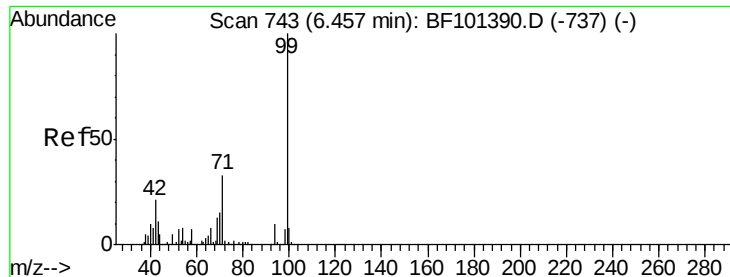
Tgt Ion:152 Resp: 138643
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 63.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 103.422 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101600.D
 Acq: 21 Dec 2017 12:13

Tgt Ion:112 Resp: 962603
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.9 71.9
 63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 100.046 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101600.D

Acq: 21 Dec 2017 12:13

Instrument :

BNA_F

ClientSampleId :

PB105170BL

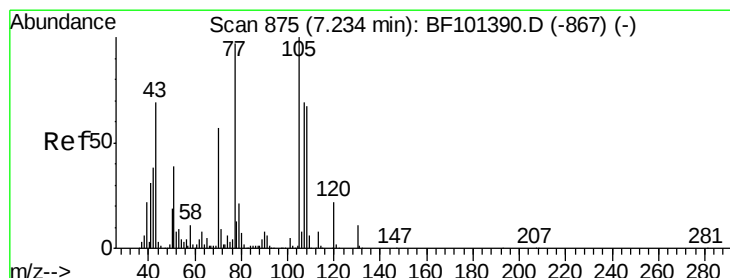
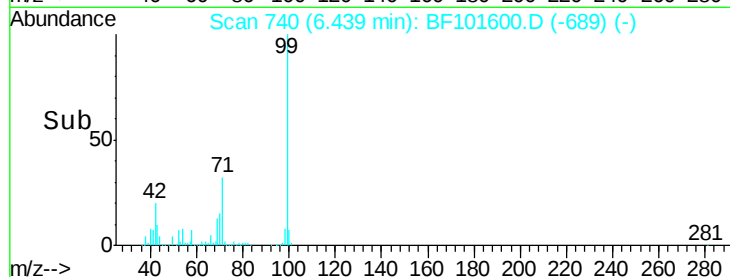
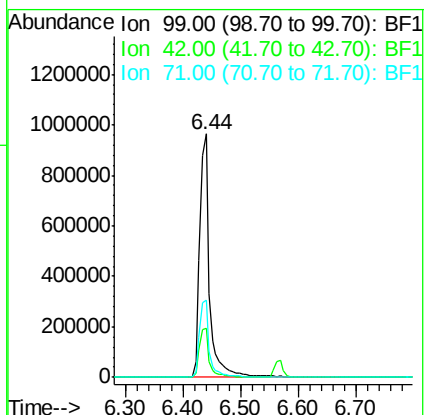
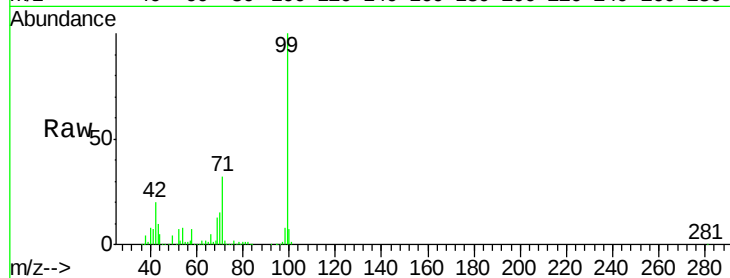
Tgt Ion: 99 Resp: 1158893

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.872 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101600.D

Acq: 21 Dec 2017 12:13

Tgt Ion: 70 Resp: 97917

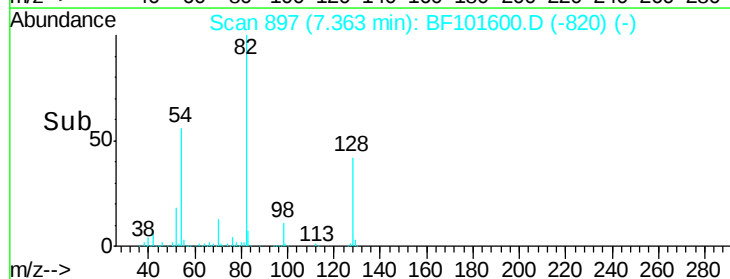
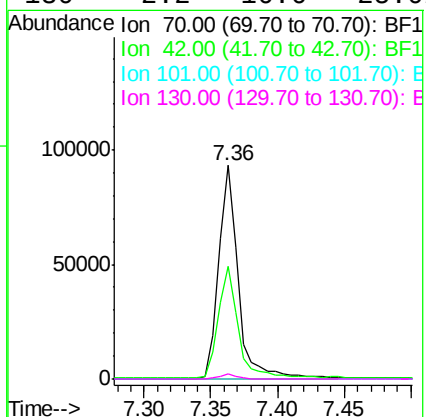
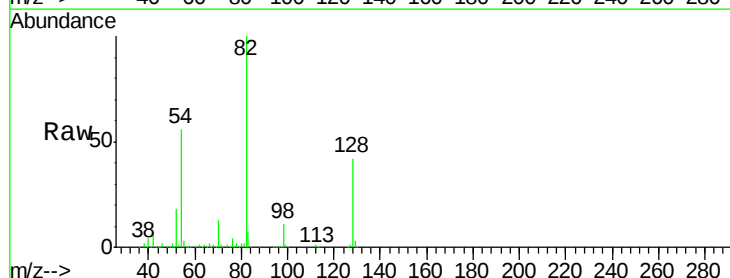
Ion Ratio Lower Upper

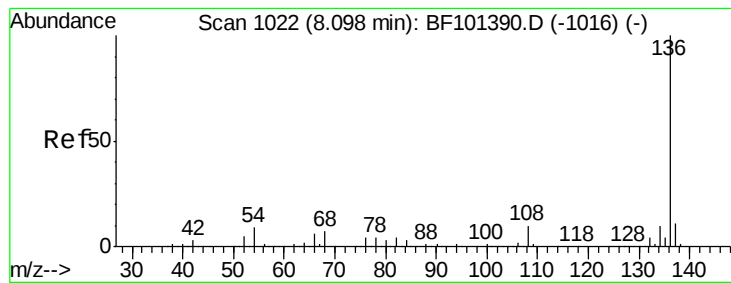
70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101600.D

Acq: 21 Dec 2017 12:13

Instrument :

BNA_F

ClientSampleId :

PB105170BL

Tgt Ion: 136 Resp: 558408

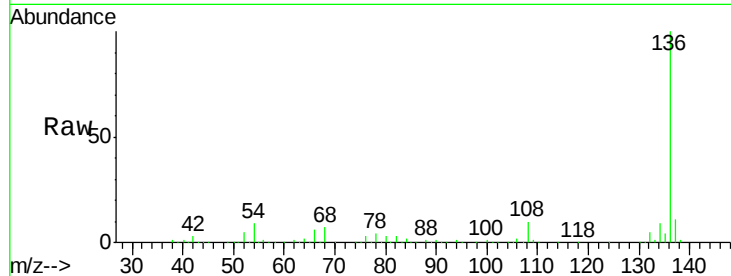
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.1 6.6 9.8

68 6.7 5.0 7.4

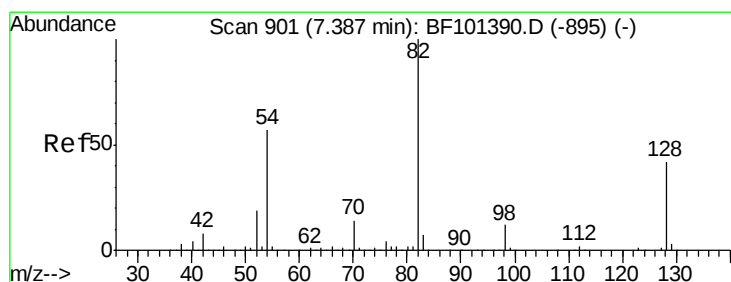
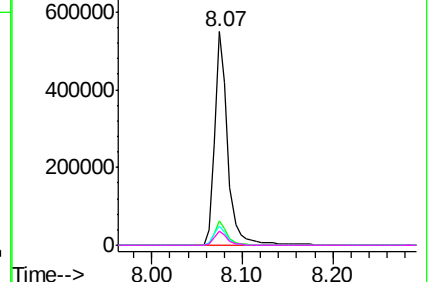
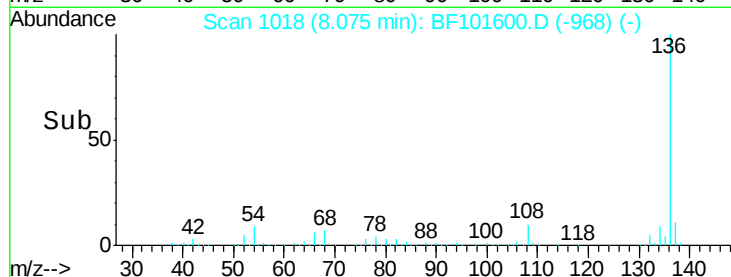


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.608 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101600.D

Acq: 21 Dec 2017 12:13

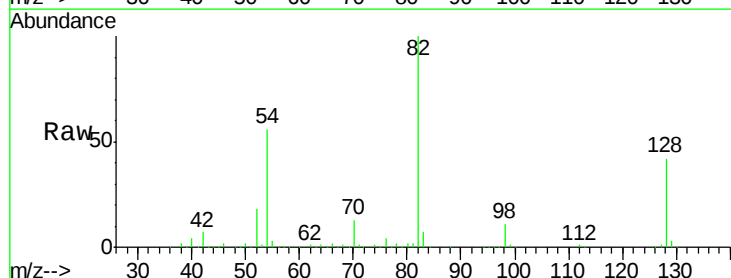
Tgt Ion: 82 Resp: 738390

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

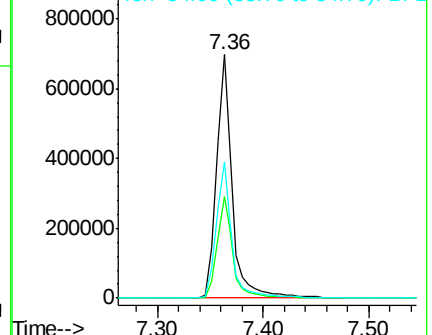
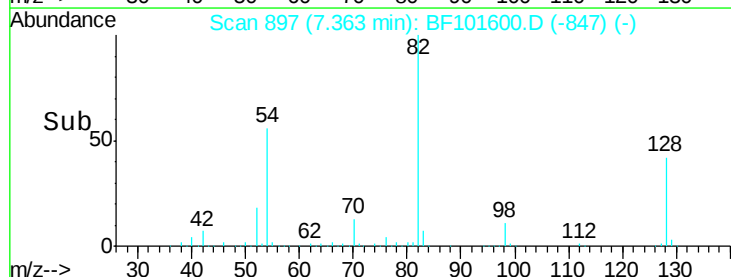
54 55.7 41.4 62.2

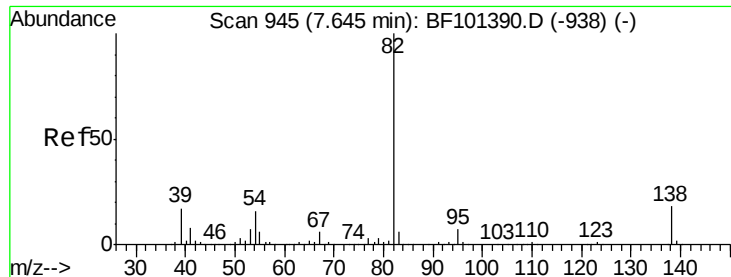


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.693 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101600.D

Acq: 21 Dec 2017 12:13

Instrument :

BNA_F

ClientSampleId :

PB105170BL

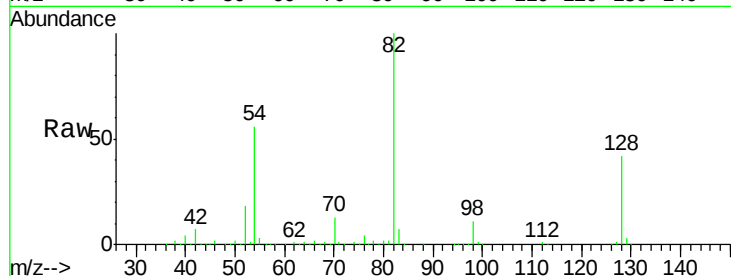
Tgt Ion: 82 Resp: 738390

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

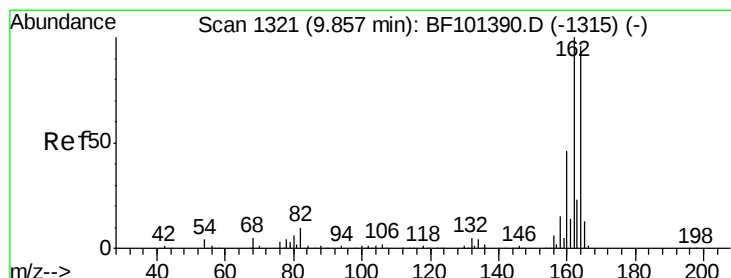
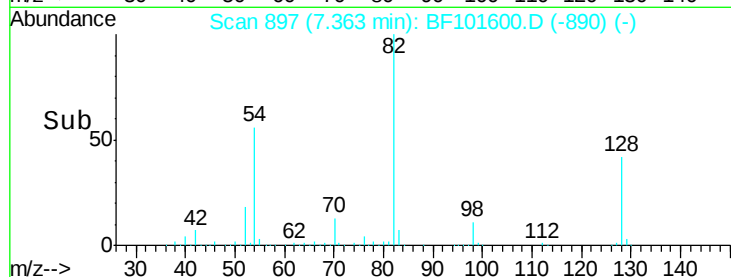
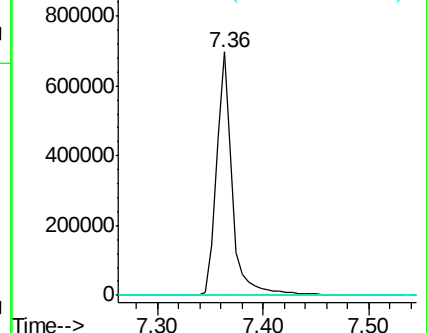
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF101600.D

Acq: 21 Dec 2017 12:13

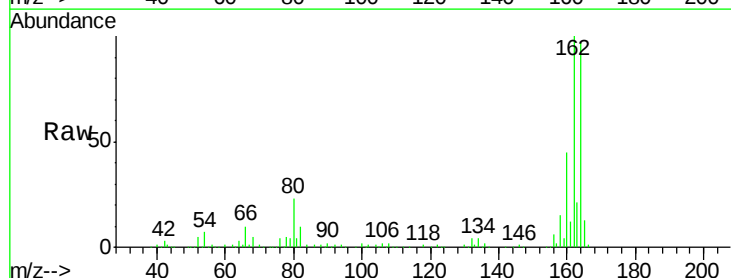
Tgt Ion: 164 Resp: 256619

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

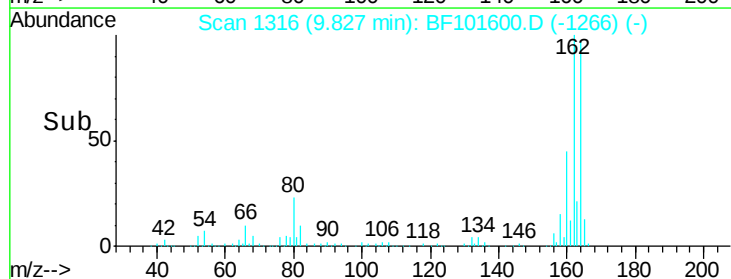
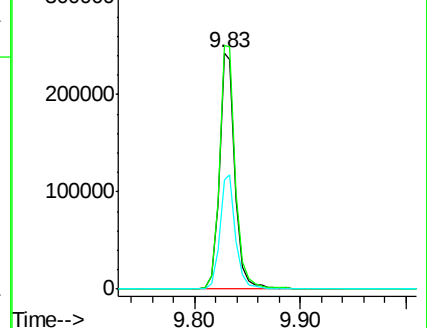
160 46.2 38.3 57.5

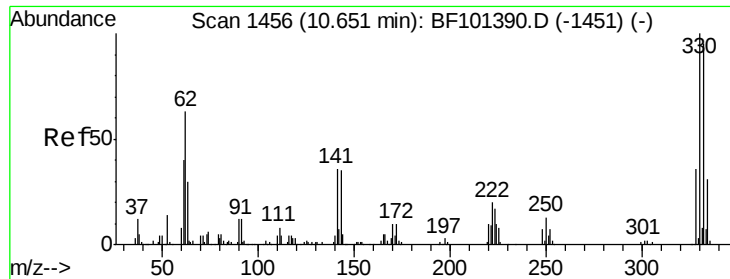


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

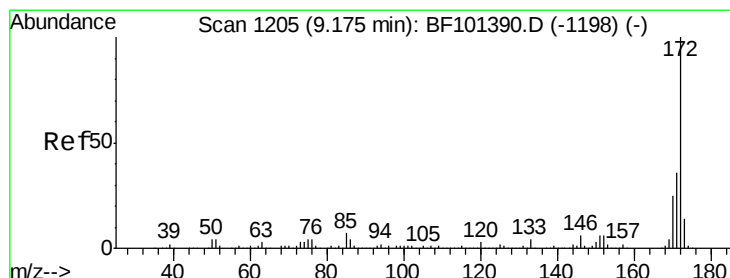
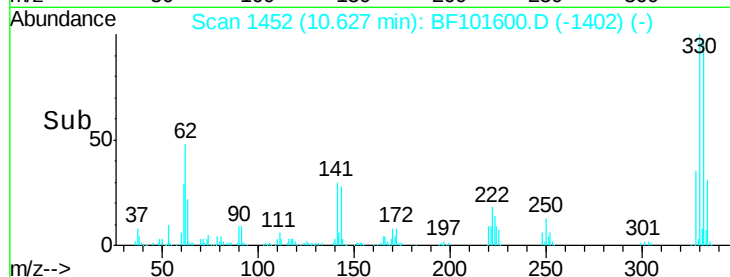
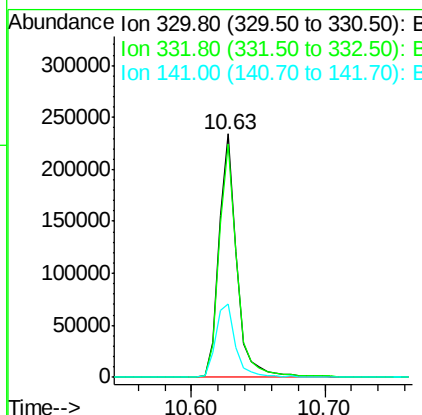
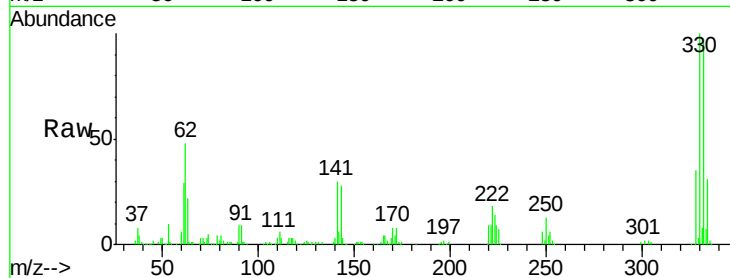




#41
 2,4,6-Tribromophenol
 Concen: 89.459 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101600.D
 Acq: 21 Dec 2017 12:13

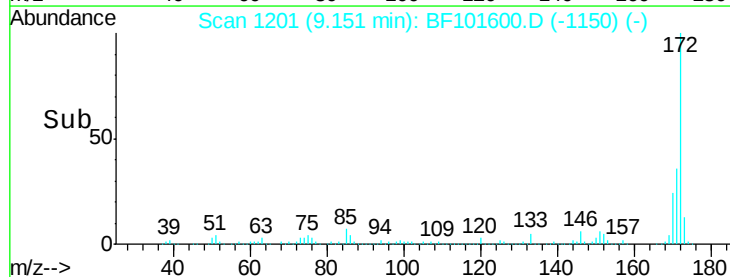
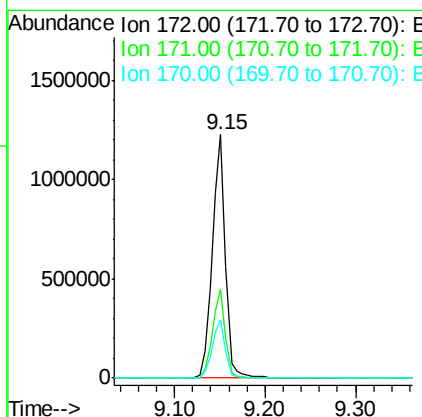
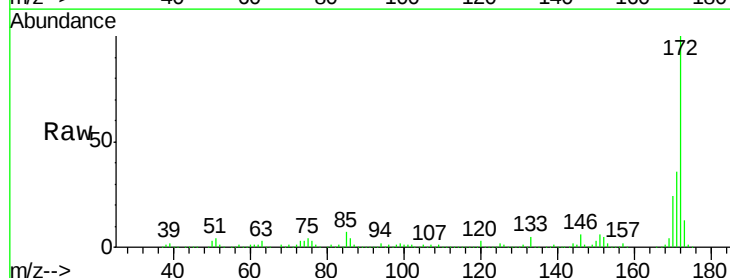
Instrument :
 BNA_F
 ClientSampleId :
 PB105170BL

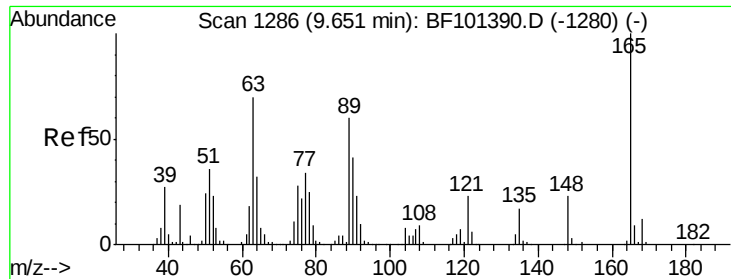
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	34.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 75.086 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101600.D
 Acq: 21 Dec 2017 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

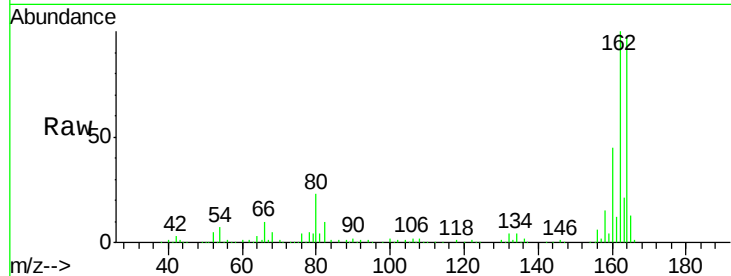




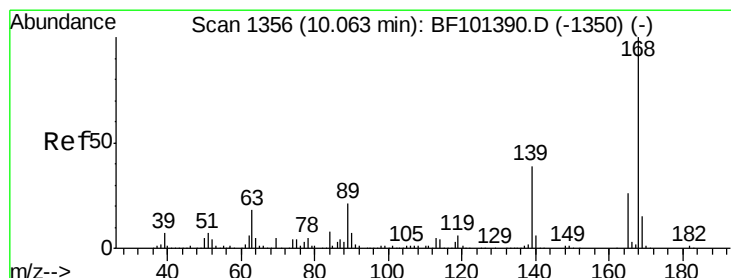
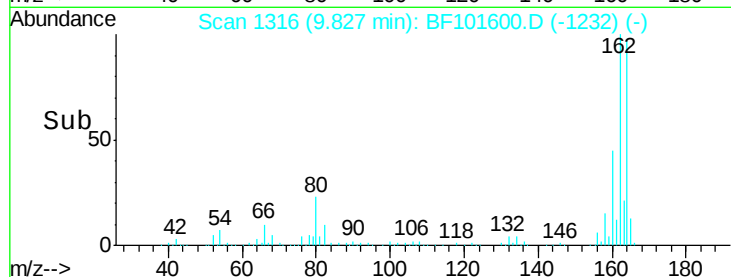
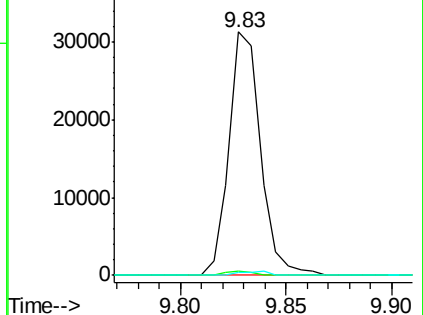
#50
2,6-Dinitrotoluene
Concen: 7.661 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB105170BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.0	44.0	66.0#



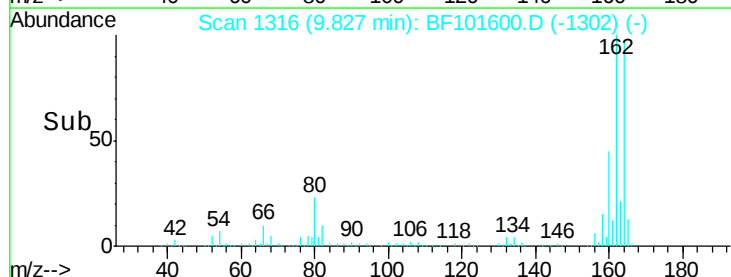
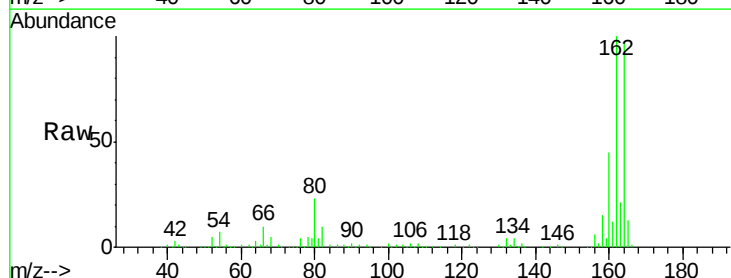
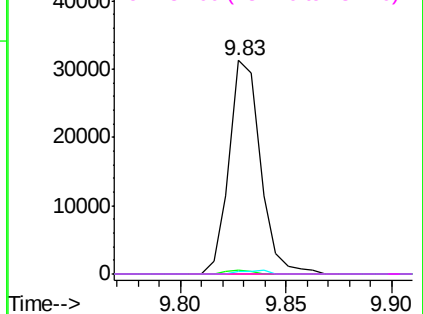
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

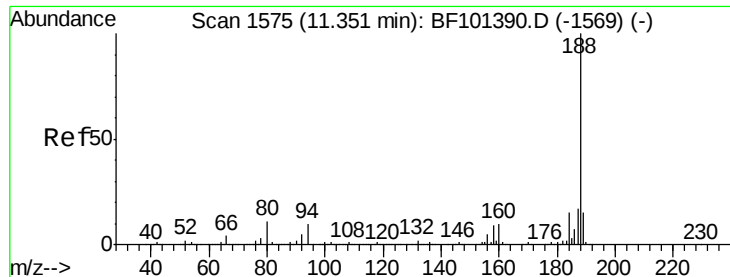


#56
2,4-Dinitrotoluene
Concen: 6.799 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

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
Ion 182.00 (181.70 to 182.70): E

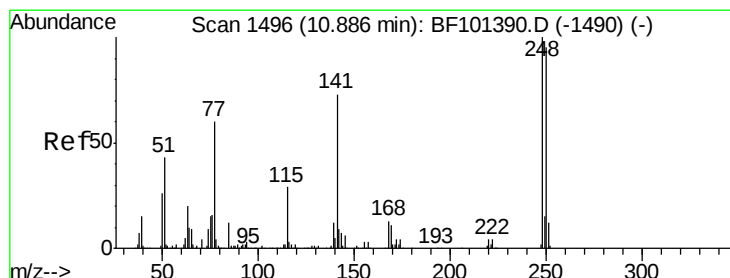
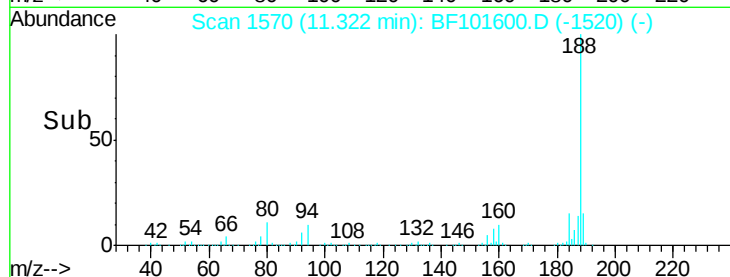
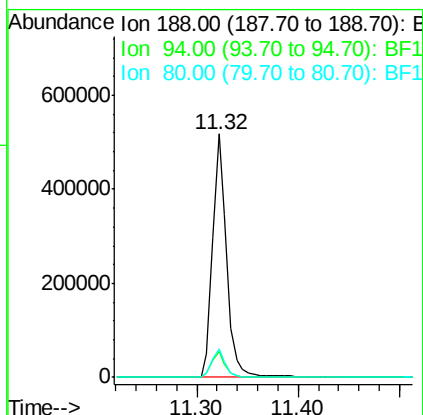
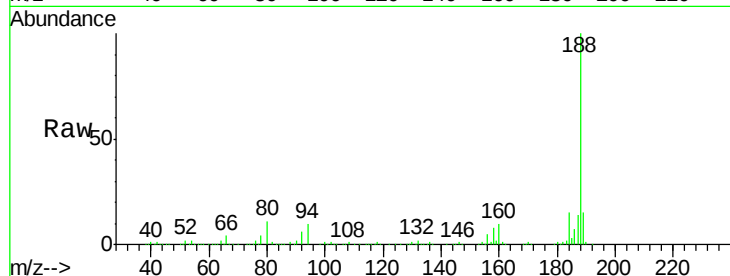




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

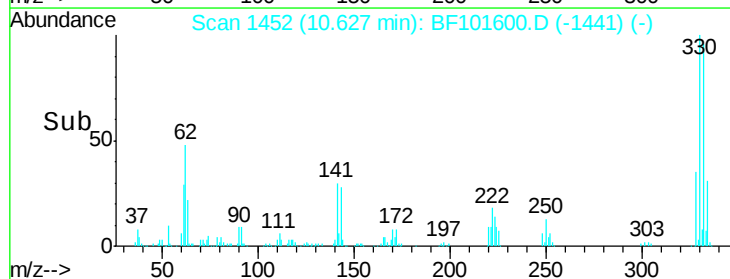
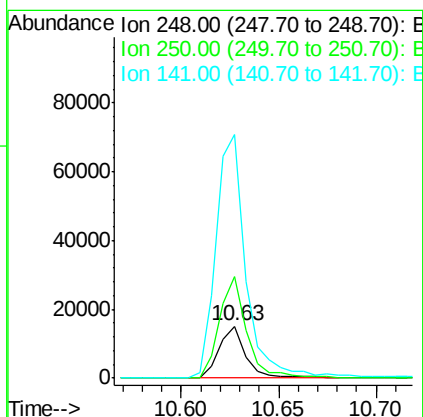
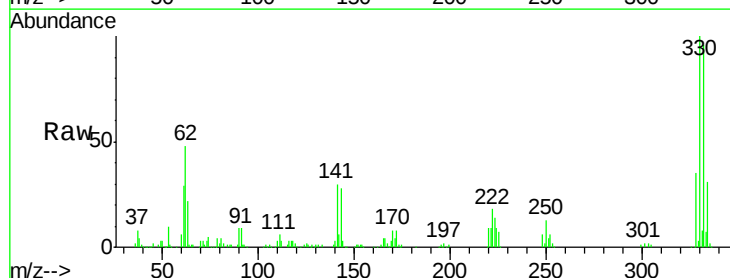
Instrument :
BNA_F
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PB105170BL

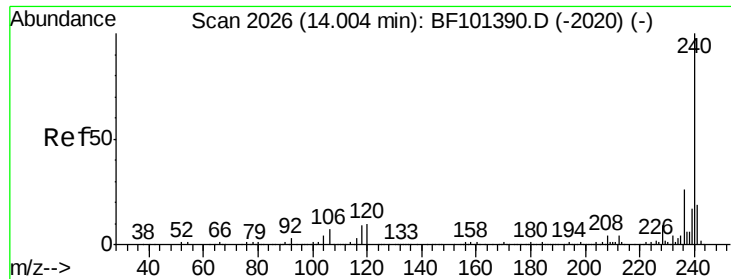
Tgt Ion:188 Resp: 498208
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.551 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

Tgt Ion:248 Resp: 14280
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 468.7 74.4 111.6#

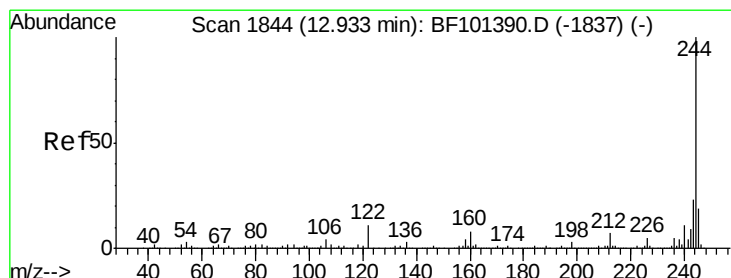
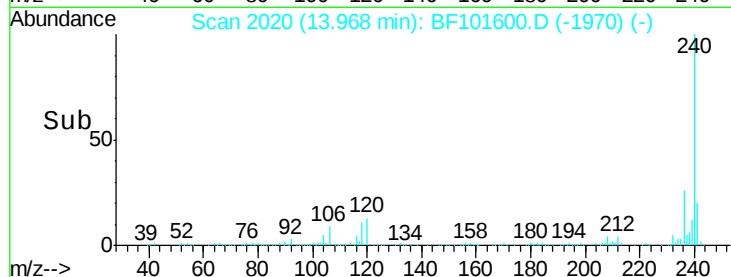
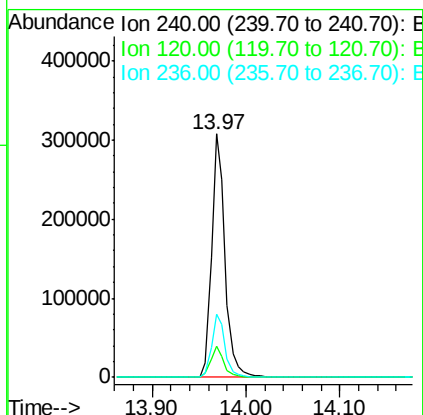
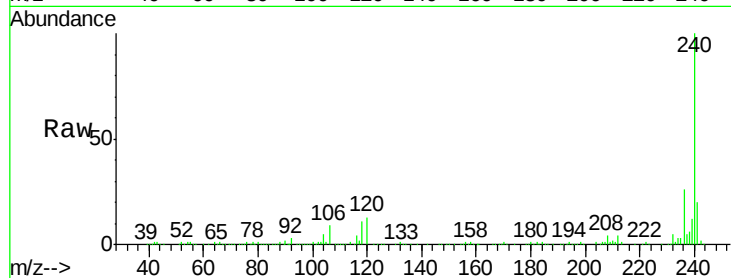




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

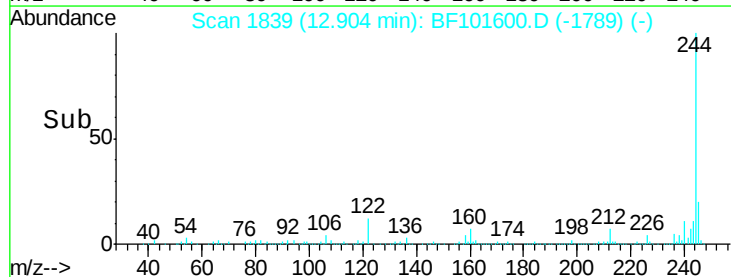
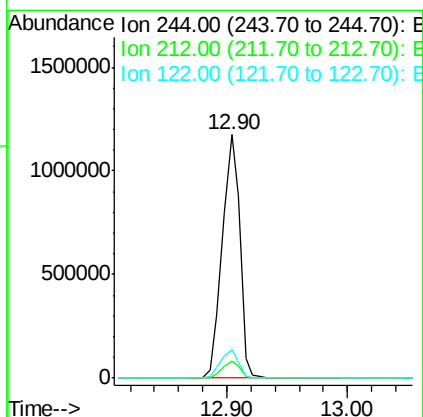
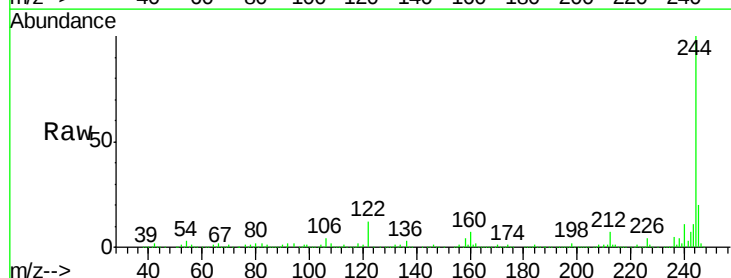
Instrument :
BNA_F
ClientSampleId :
PB105170BL

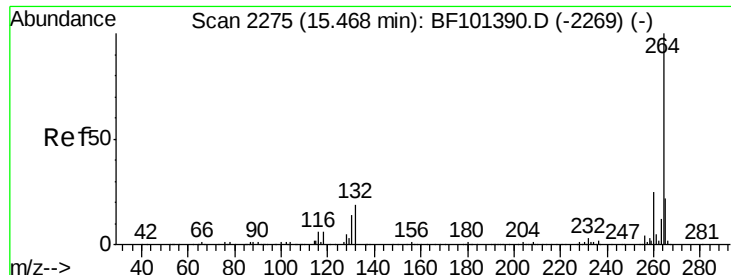
Tgt Ion:240 Resp: 311877
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 20.7 31.1



#78
Terphenyl-d14
Concen: 90.606 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

Tgt Ion:244 Resp: 1172148
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.6 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101600.D
Acq: 21 Dec 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB105170BL

Tgt Ion: 264 Resp: 265573
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.0 17.5 26.3

