

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098036.D
 Acq On : 25 Aug 2017 17:56
 Operator : SJ/JU
 Sample : I4974-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPS-W1

Quant Time: Aug 25 23:19:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

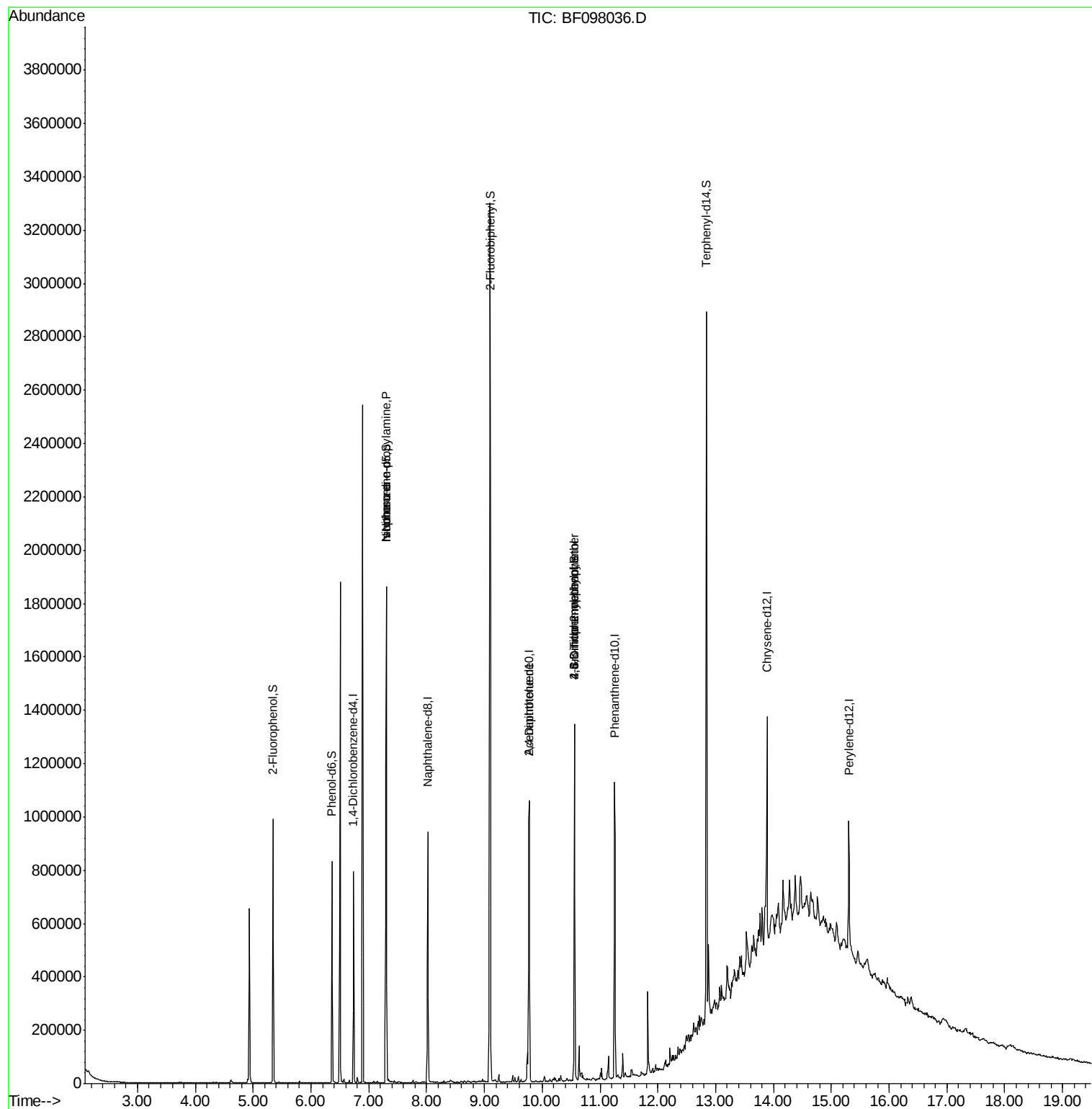
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115239	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	461378	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204639	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	392484	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	281990	20.00	ng	-0.01
86) Perylene-d12	15.30	264	227386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	241348	31.86	ng	0.00
7) Phenol-d6	6.36	99	249009	24.19	ng	-0.02
23) Nitrobenzene-d5	7.30	82	788812	92.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	134135	75.54	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1158734	83.19	ng	-0.01
78) Terphenyl-d14	12.84	244	915810	67.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	105365	14.95	ng	# 73
25) Isophorone	7.30	82	763921	43.26	ng	# 67
56) 2,4-Dinitrotoluene	9.77	165	25609	6.83	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	123	8.38	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	9024	2.21	ng	# 1

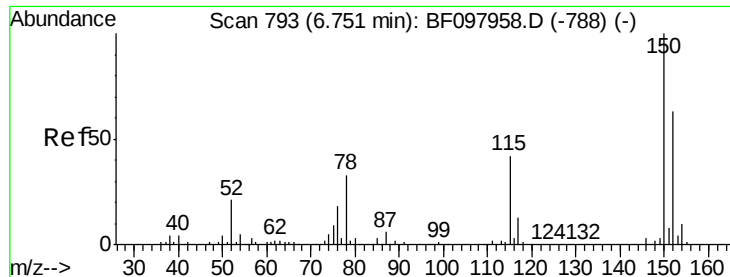
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098036.D
Acq On : 25 Aug 2017 17:56
Operator : SJ/JU
Sample : I4974-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPS-W1

Quant Time: Aug 25 23:19:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



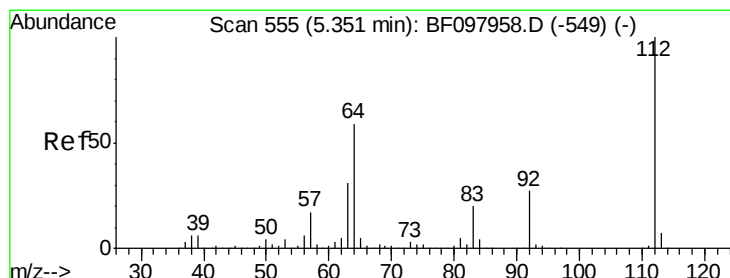
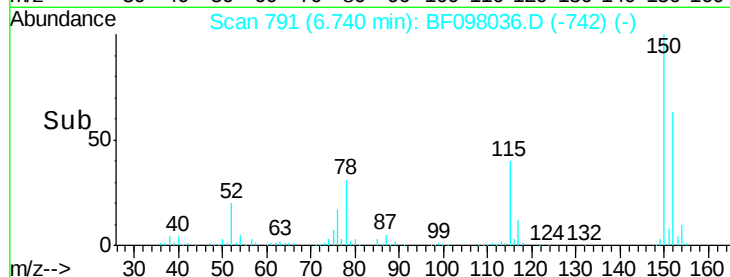
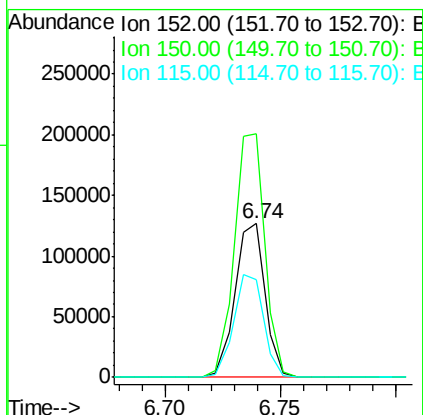
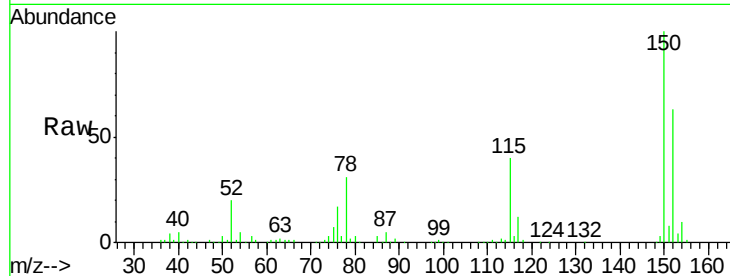


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098036.D
Acq: 25 Aug 2017 17:56

Instrument :
BNA_F
ClientSampled :
JPS-W1

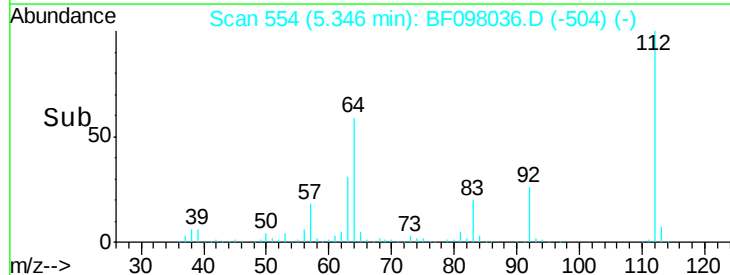
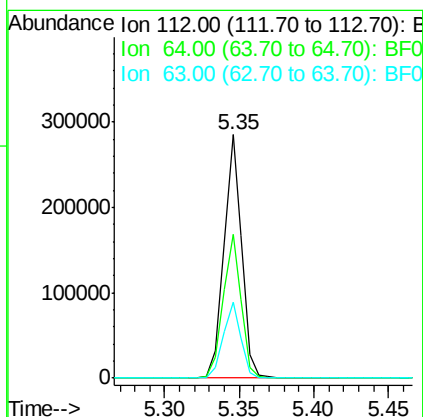
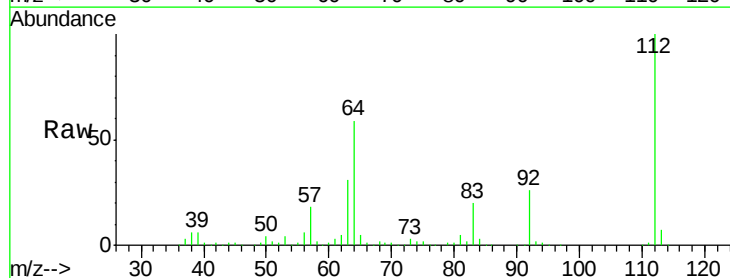
Tot Ion:152 Resp: 115239
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 63.5 52.2 78.2

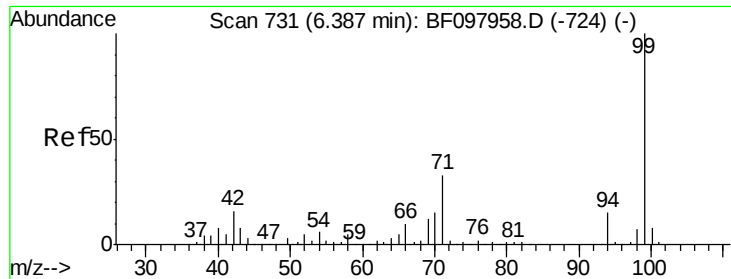


#5

2-Fluorophenol
Concen: 31.86 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098036.D
Acq: 25 Aug 2017 17:56

Tgt Ion:112 Resp: 241348
Ion Ratio Lower Upper
112 100
64 59.3 46.0 69.0
63 31.0 23.4 35.0





#7

Phenol-d6

Concen: 24.19 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

Instrument :

BNA_F

ClientSampleId :

JPS-W1

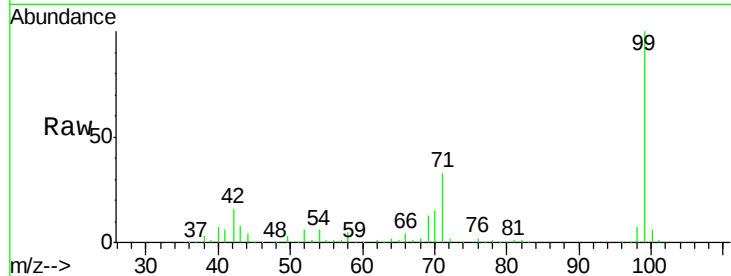
Tot Ion: 99 Resp: 249009

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

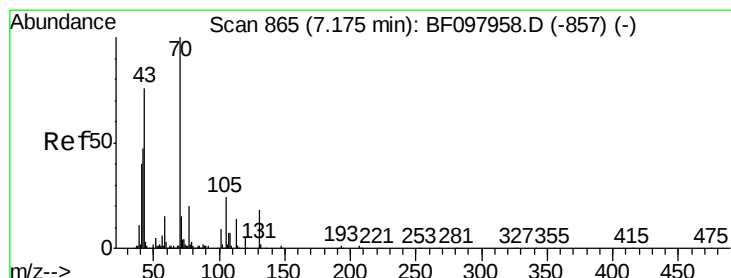
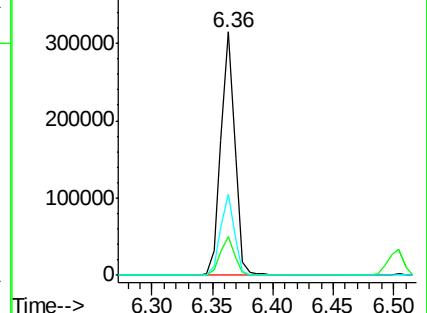
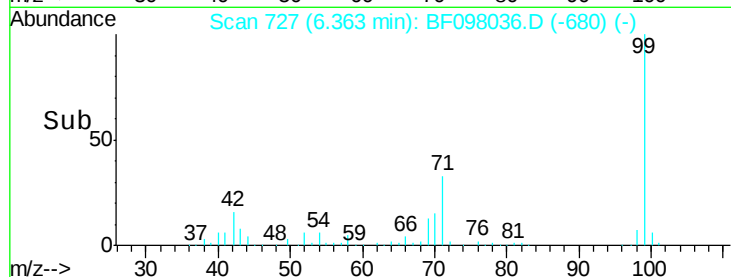
71 33.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.95 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

Tgt Ion: 70 Resp: 105365

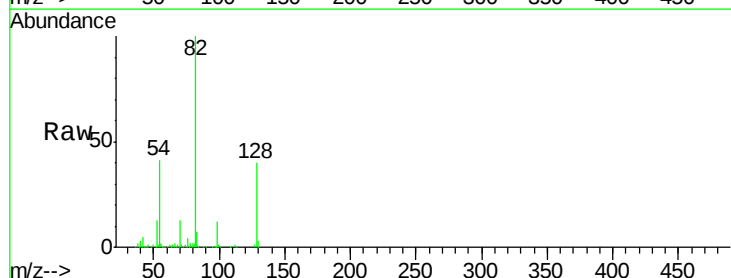
Ion Ratio Lower Upper

70 100

42 41.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

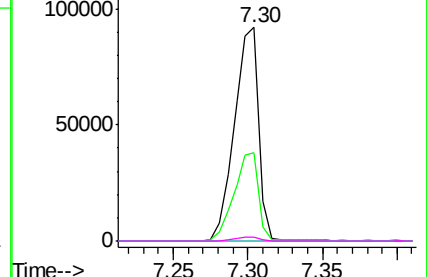
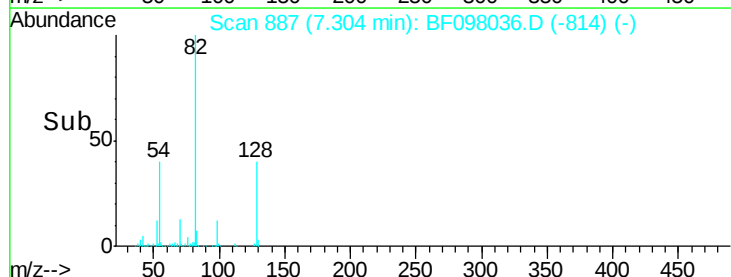


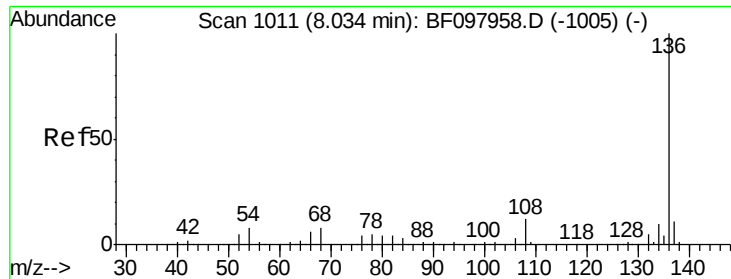
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

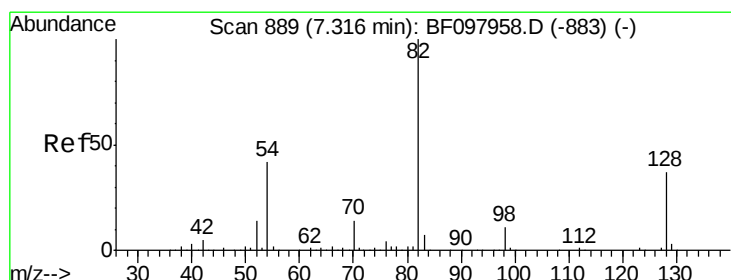
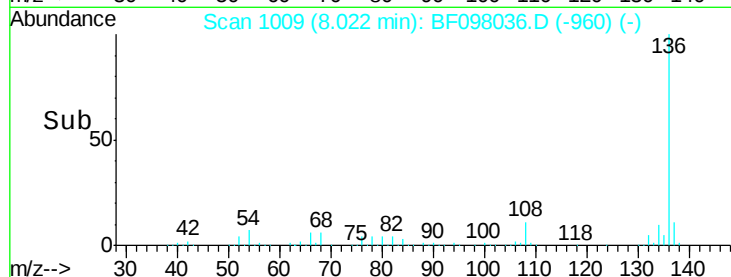
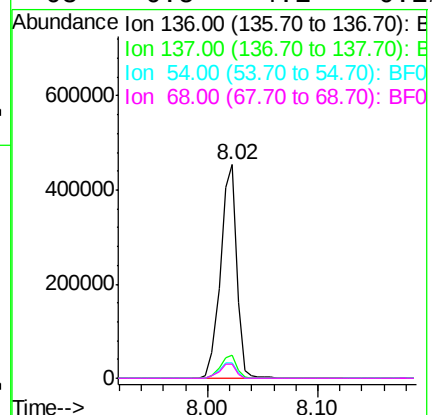
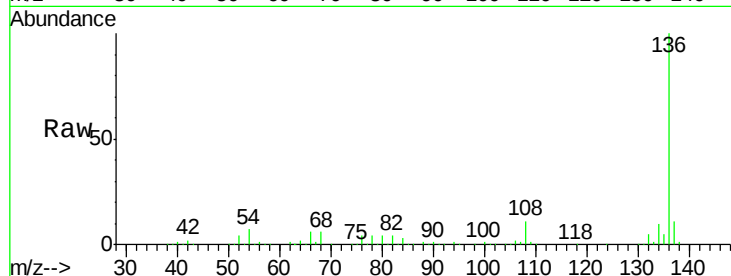




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098036.D
Acq: 25 Aug 2017 17:56

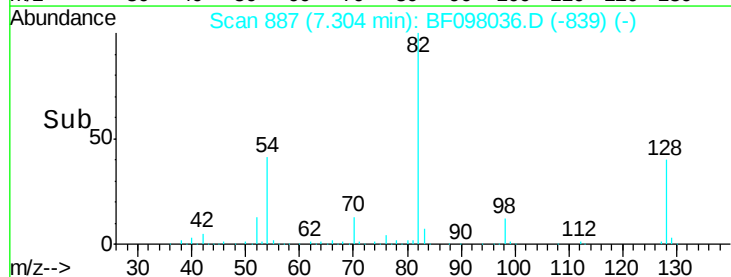
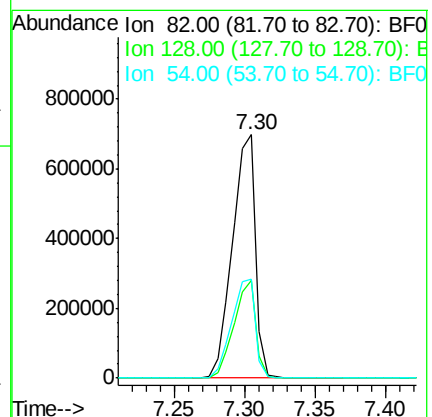
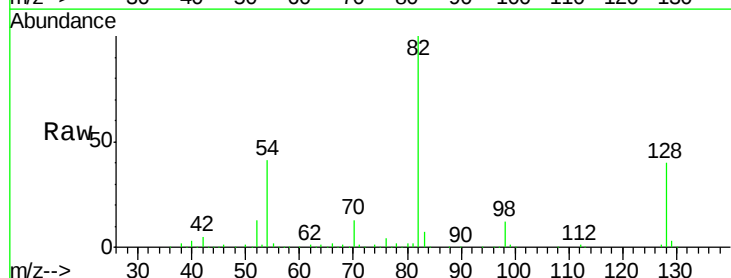
Instrument :
BNA_F
ClientSampleId :
JPS-W1

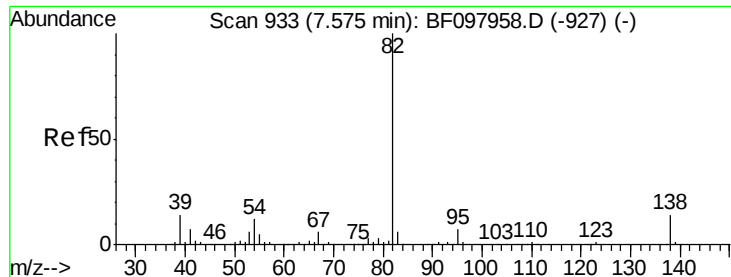
Tot Ion:136	Resp:	461378
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.1	4.9 7.3
68	6.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 92.88 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098036.D
Acq: 25 Aug 2017 17:56

Tgt Ion: 82	Resp:	788812
Ion Ratio	Lower	Upper
82	100	
128	40.2	34.0 51.0
54	40.6	42.2 63.2#





#25

Isophorone

Concen: 43.26 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

Instrument :

BNA_F

ClientSampleId :

JPS-W1

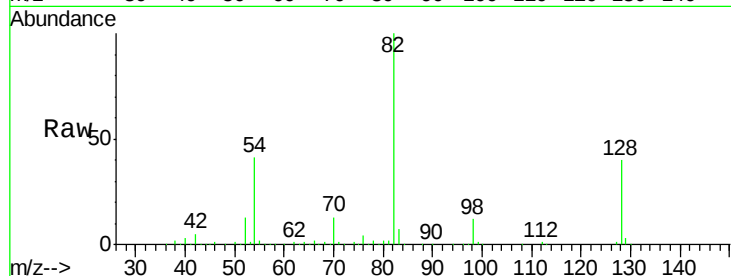
Tot Ion: 82 Resp: 763921

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

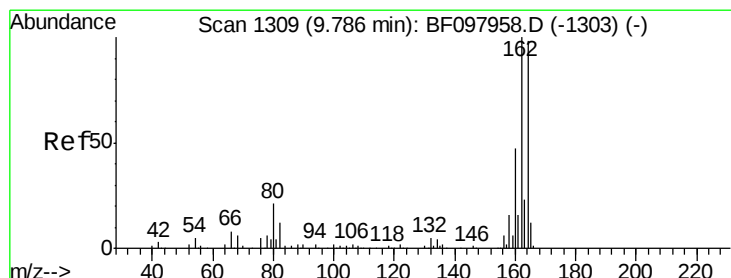
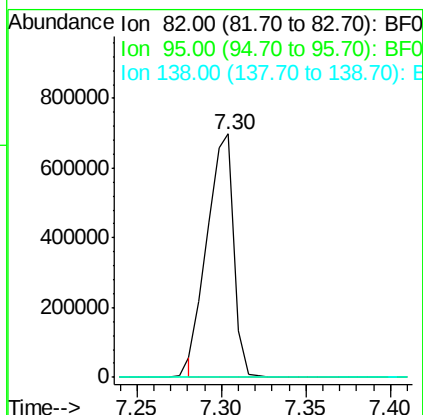
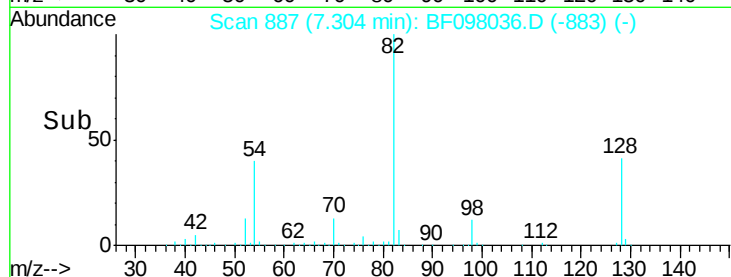
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

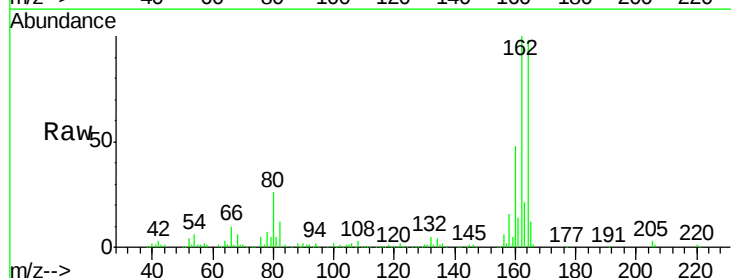
Tgt Ion:164 Resp: 204639

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

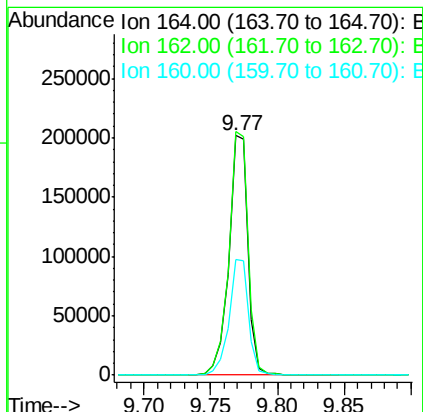
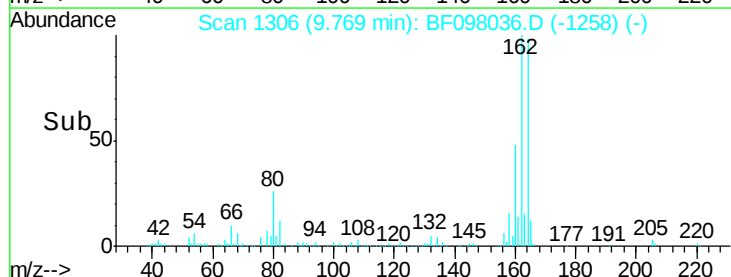
160 48.5 36.2 54.2

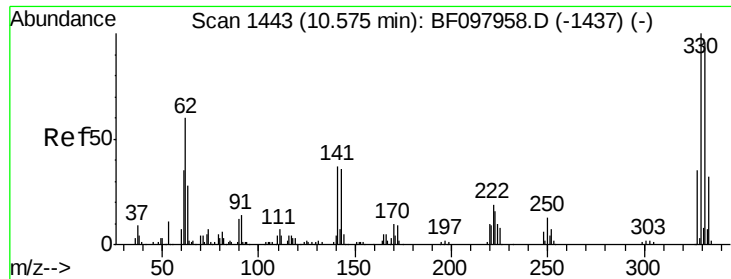


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

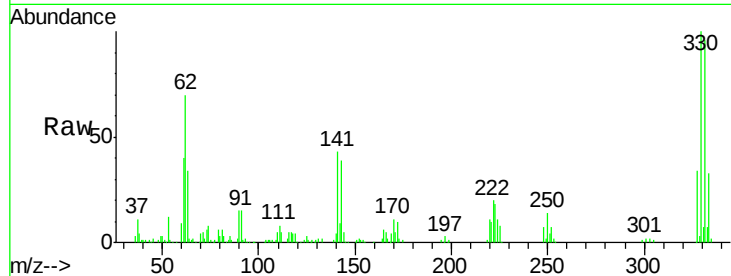




#41
 2,4,6-Tribromophenol
 Concen: 75.54 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098036.D
 Acq: 25 Aug 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 JPS-W1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	41.4	31.4	47.2

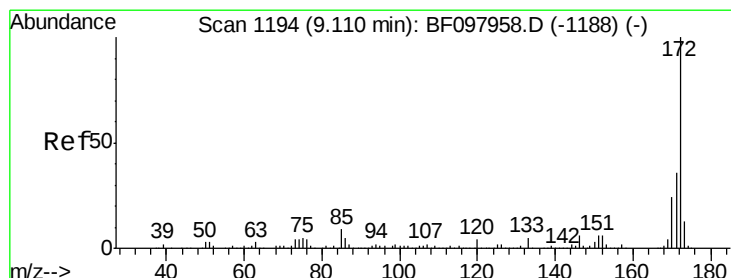
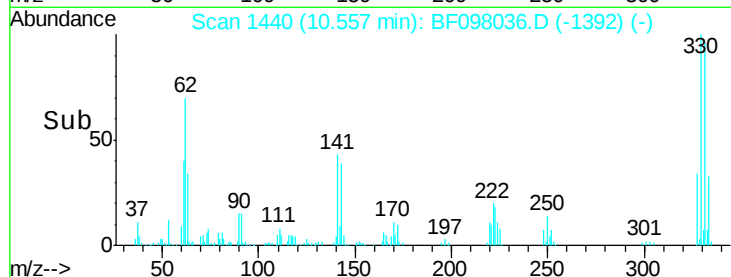
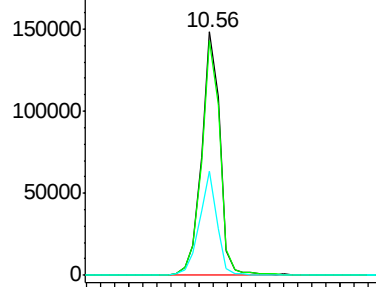


Abundance

Ion 329.80 (329.50 to 330.50): E

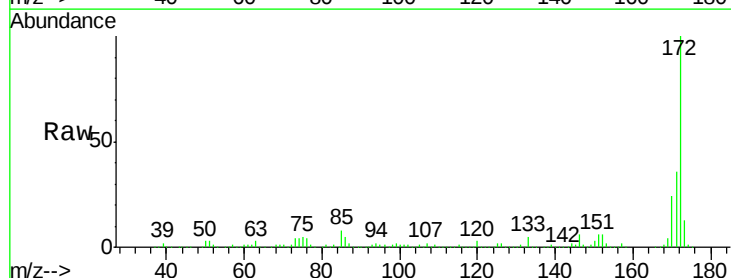
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098036.D
 Acq: 25 Aug 2017 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.4	19.8	29.8

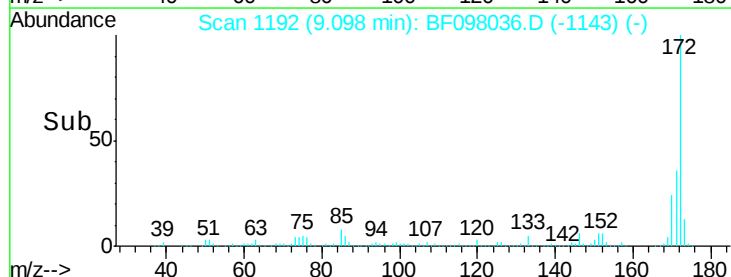
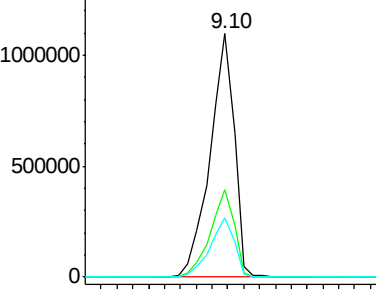


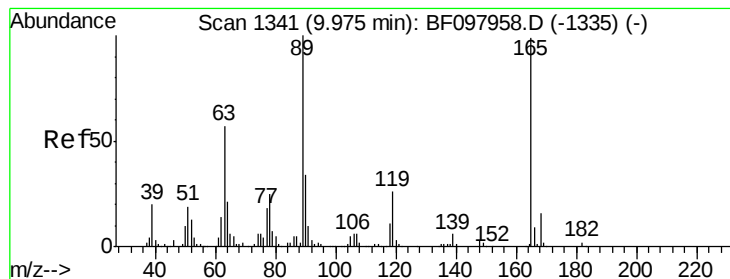
Abundance

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





#56

2,4-Dinitrotoluene

Concen: 6.83 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

Instrument :

BNA_F

ClientSampleId :

JPS-W1

Tot Ion:165 Resp: 25609

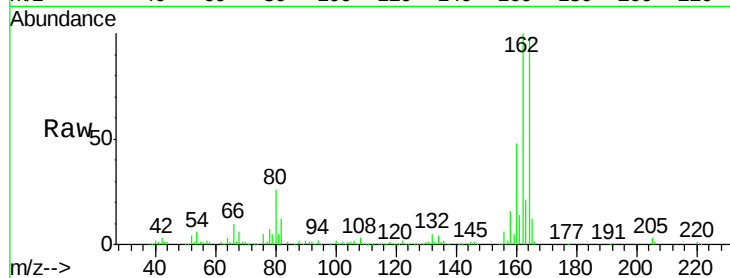
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 2.3 46.4 69.6#

182 0.0 1.8 2.6#

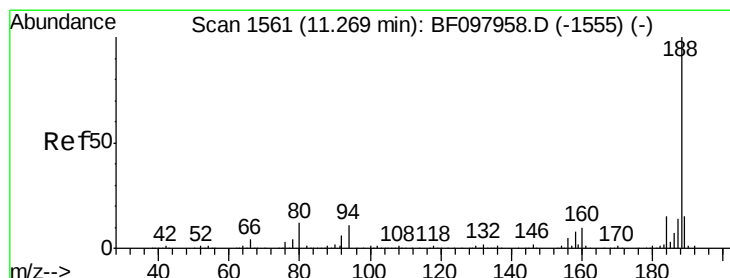
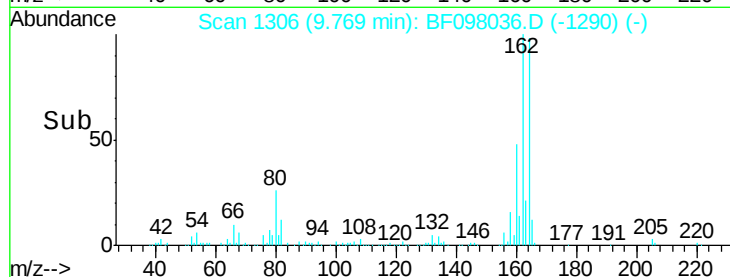
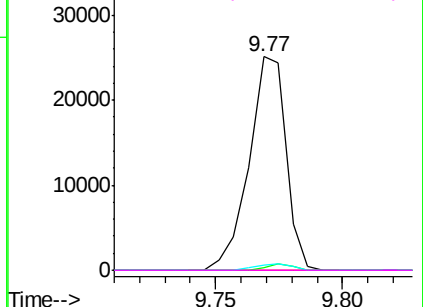


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

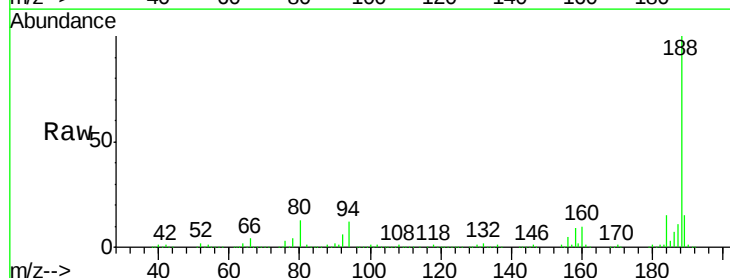
Tgt Ion:188 Resp: 392484

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

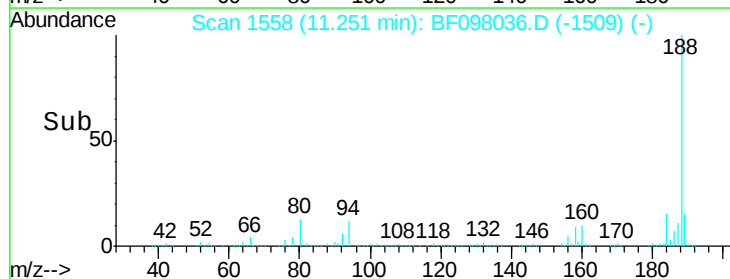
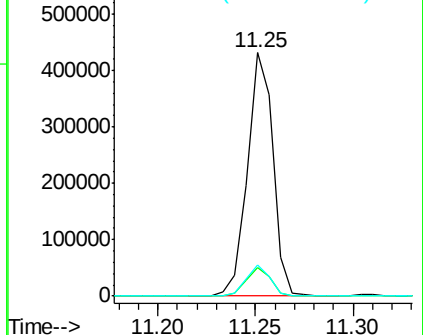
80 12.8 10.2 15.2

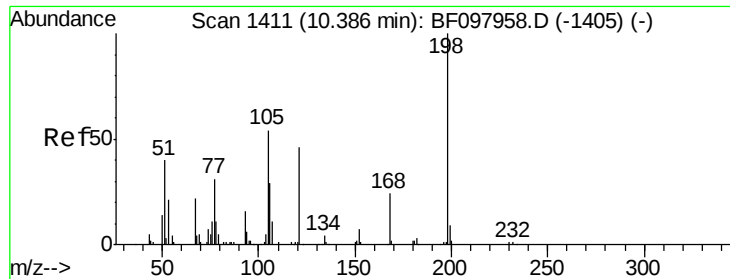


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 8.38 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

Instrument :

BNA_F

ClientSampleId :

JPS-W1

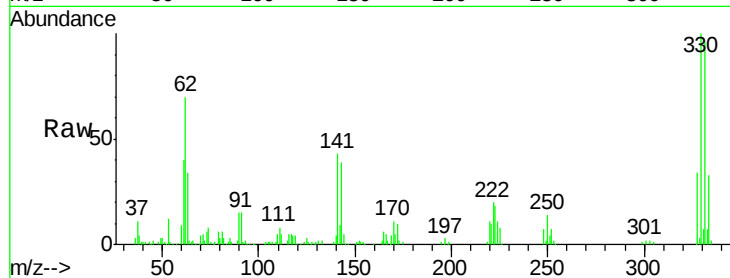
Tot Ion:198 Resp: 123

Ion Ratio Lower Upper

198 100

51 238.4 53.2 93.2#

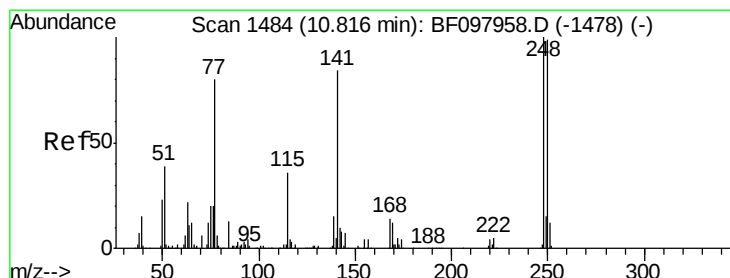
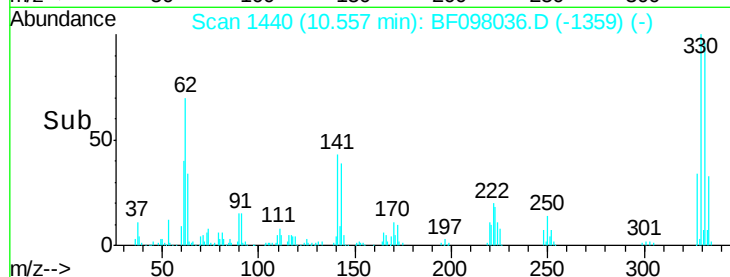
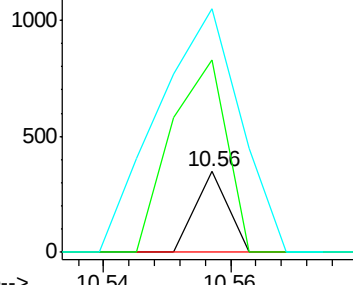
105 300.9 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.21 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.26 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

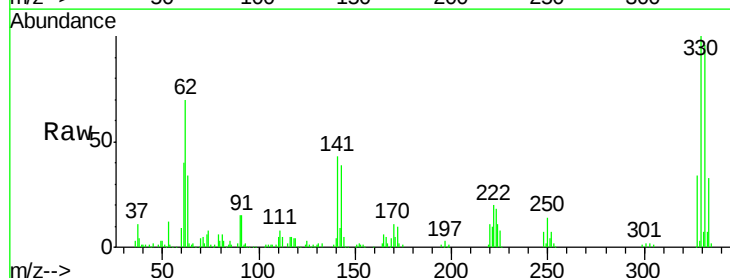
Tgt Ion:248 Resp: 9024

Ion Ratio Lower Upper

248 100

250 200.7 76.8 115.2#

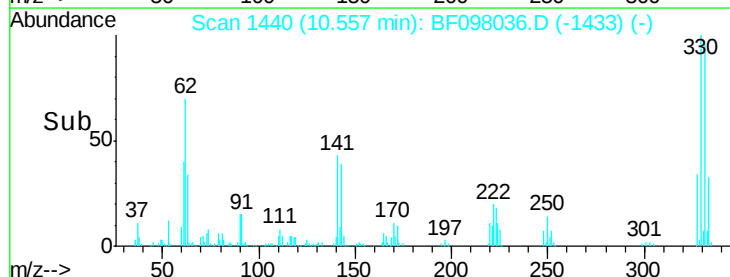
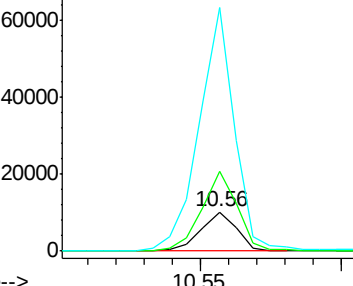
141 617.3 68.6 103.0#

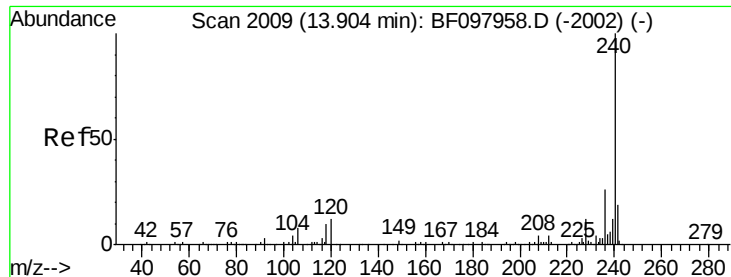


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

Instrument :

BNA_F

ClientSampleId :

JPS-W1

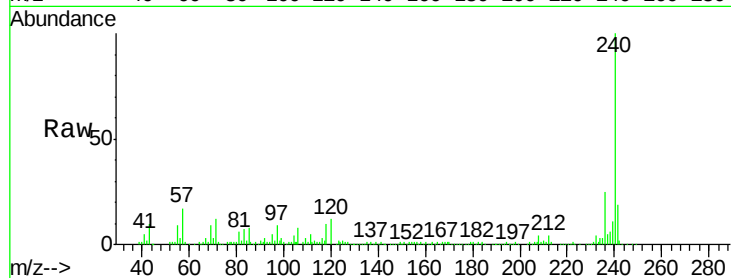
Tot Ion:240 Resp: 281990

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

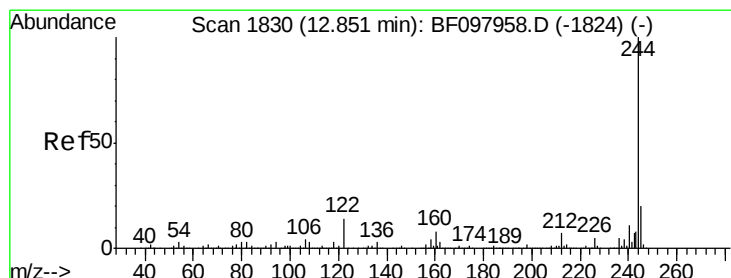
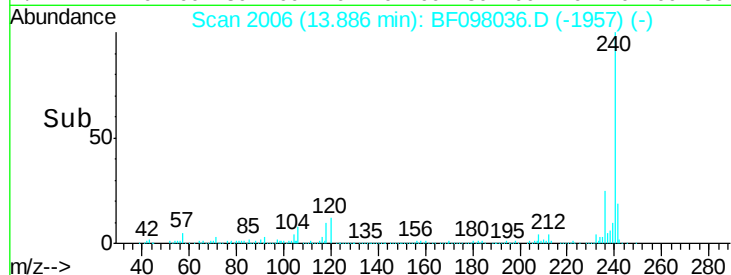
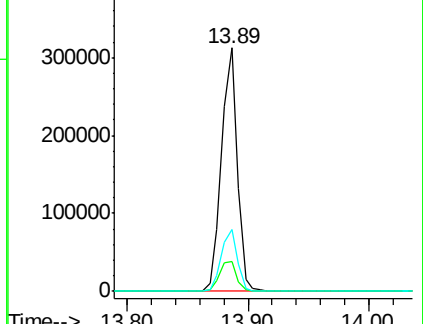
236 25.5 20.5 30.7



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: 67.72 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098036.D

Acq: 25 Aug 2017 17:56

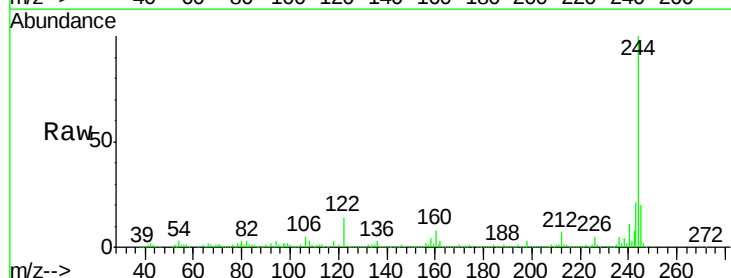
Tgt Ion:244 Resp: 915810

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

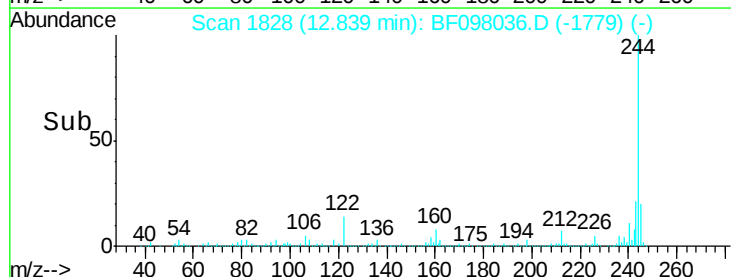
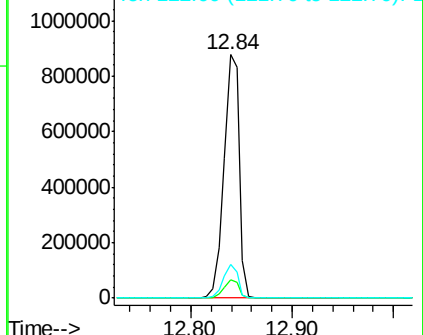
122 13.7 10.3 15.5

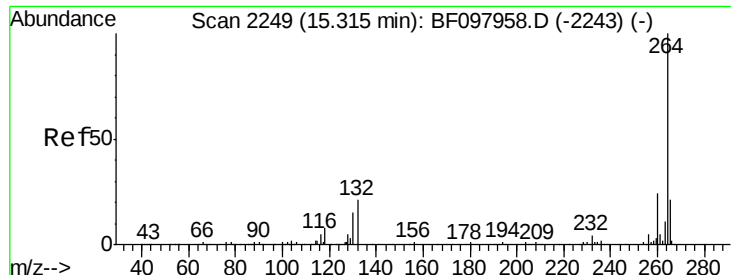


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098036.D
Acq: 25 Aug 2017 17:56

Instrument :
BNA_F
ClientSampleId :
JPS-W1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.4	17.2	25.8

