

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098289.D
 Acq On : 6 Sep 2017 22:58
 Operator : SJ/JU
 Sample : I5053-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Quant Time: Sep 07 03:40:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

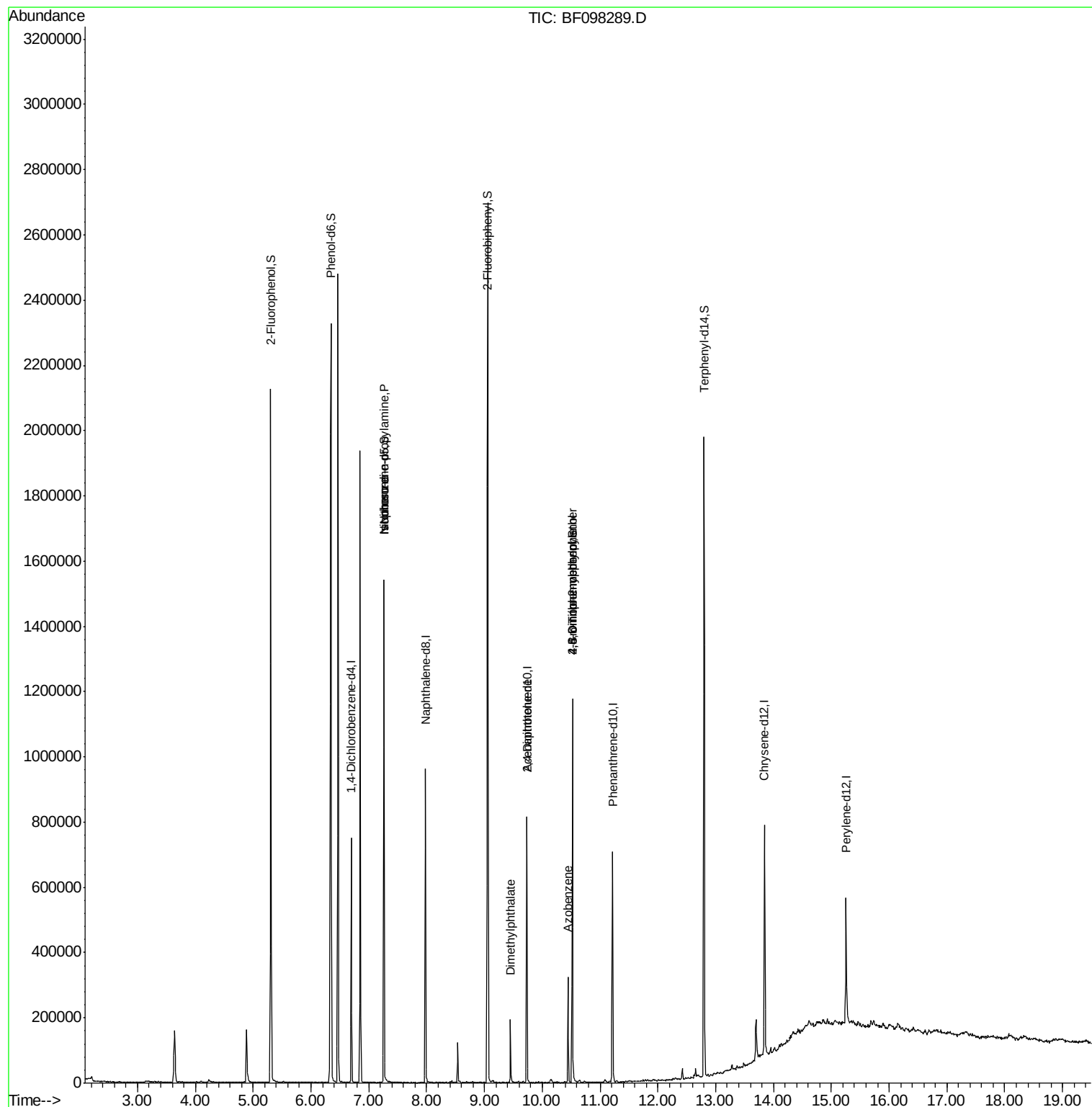
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104109	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	396639	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	150851	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	246809	20.00	ng	0.00
75) Chrysene-d12	13.85	240	230200	20.00	ng	-0.02
86) Perylene-d12	15.26	264	162090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	668856	97.72	ng	0.00
7) Phenol-d6	6.35	99	901935	96.99	ng	0.00
23) Nitrobenzene-d5	7.26	82	533145	73.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	125010	95.51	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	801747	78.09	ng	-0.01
78) Terphenyl-d14	12.80	244	572506	51.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	68757	10.80	ng	# 70
25) Isophorone	7.26	82	527735	34.76	ng	# 67
49) Dimethylphthalate	9.45	163	66202	6.00	ng	99
56) 2,4-Dinitrotoluene	9.73	165	19587	7.09	ng	# 32
62) Azobenzene	10.45	77	58885	4.30	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	179	8.45	ng	# 14
66) 4-Bromophenyl-phenylether	10.52	248	7826	3.05	ng	# 1

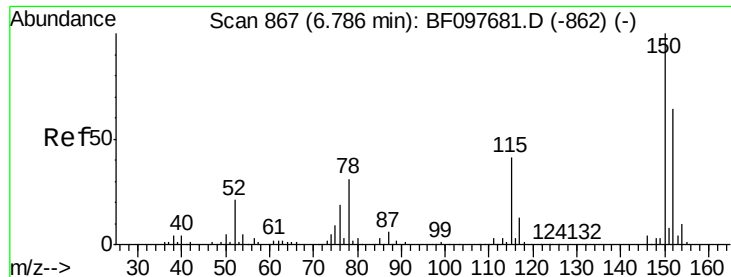
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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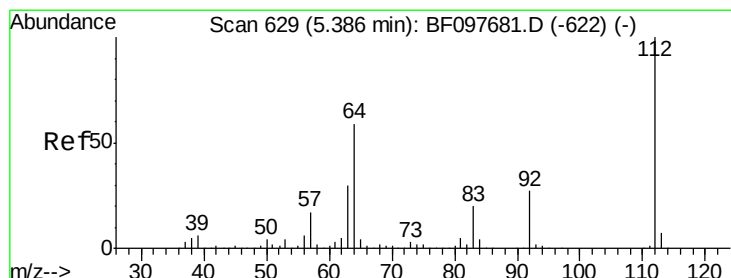
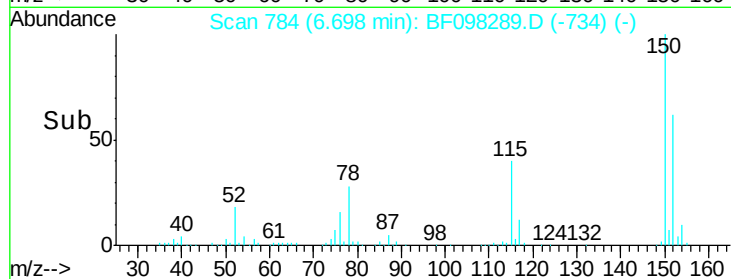
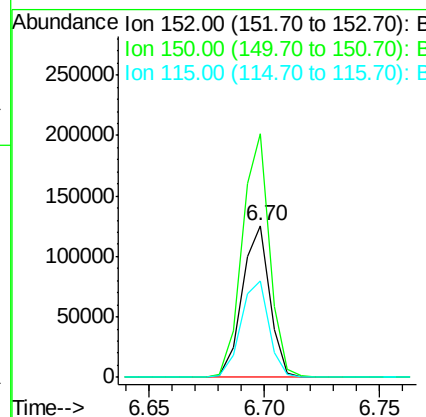
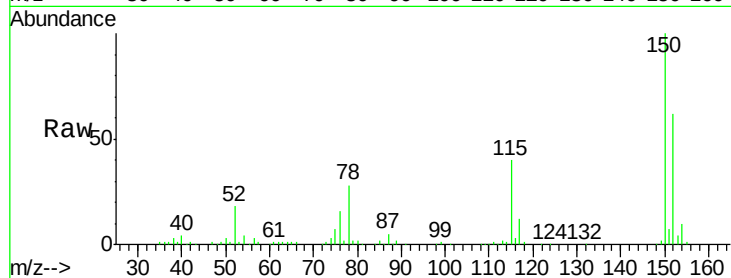


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

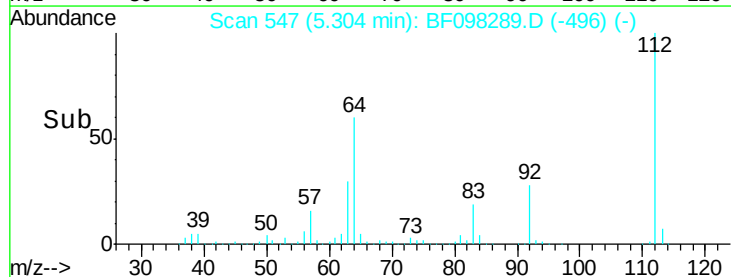
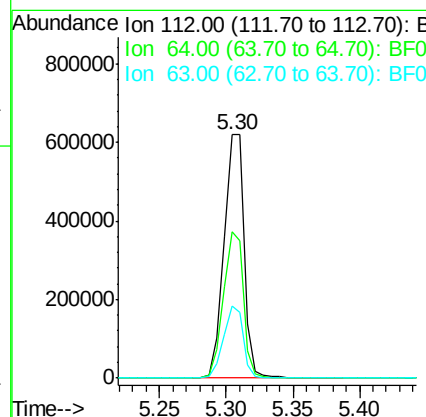
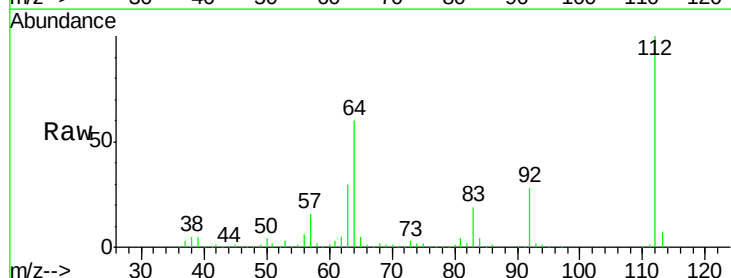
Tot Ion:152 Resp: 104109
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 63.9 52.2 78.2

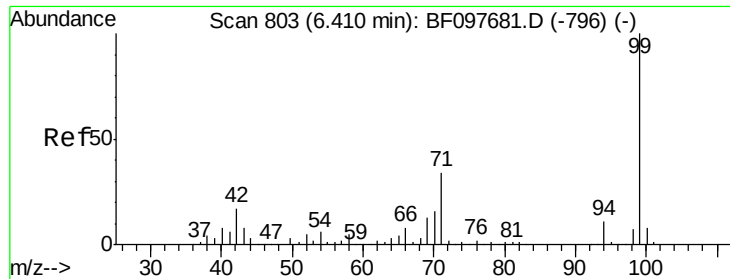


#5

2-Fluorophenol
Concen: 97.72 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

Tgt Ion:112 Resp: 668856
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 29.8 23.4 35.0





#7

Phenol-d6

Concen: 96.99 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

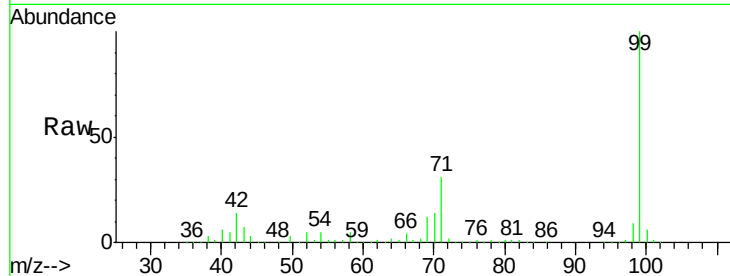
Tot Ion: 99 Resp: 901935

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

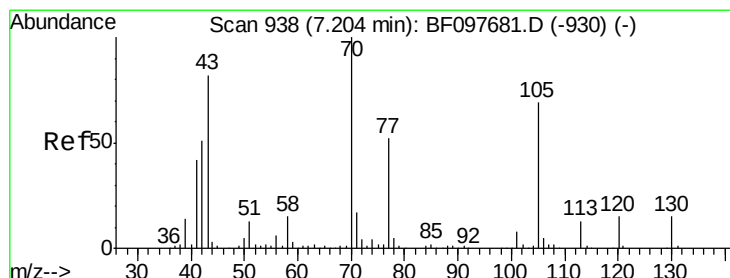
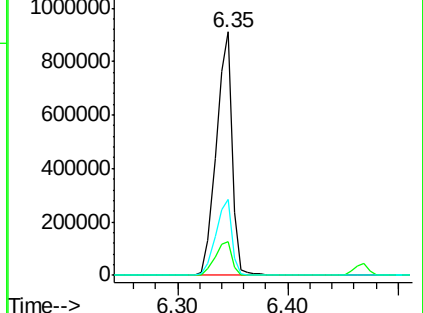
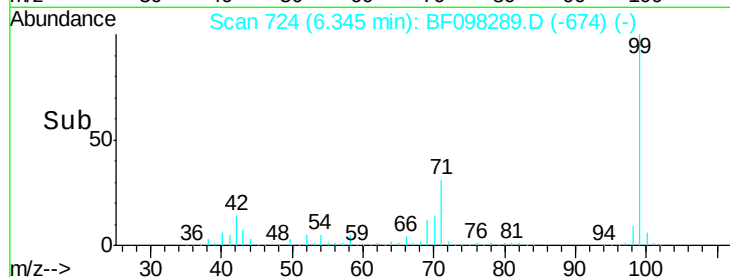
71 31.0 24.5 36.7



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: 10.80 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Tgt Ion: 70 Resp: 68757

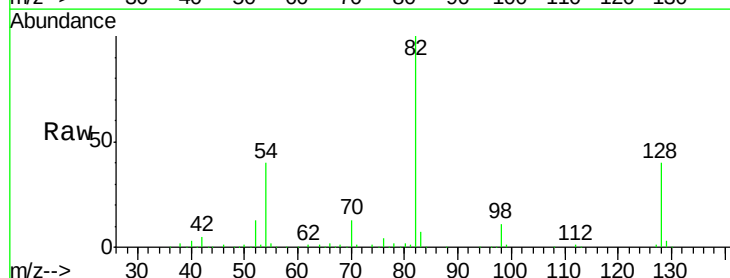
Ion Ratio Lower Upper

70 100

42 38.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

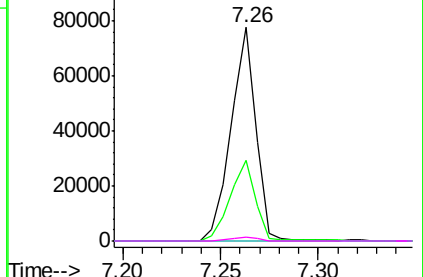
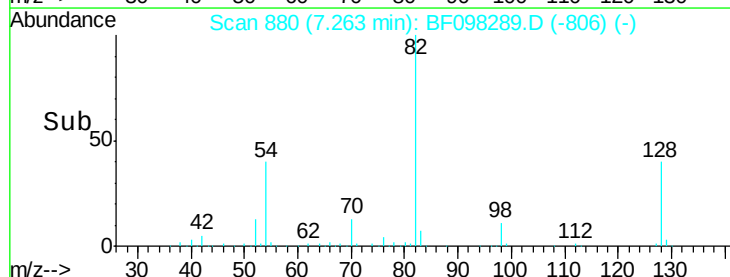


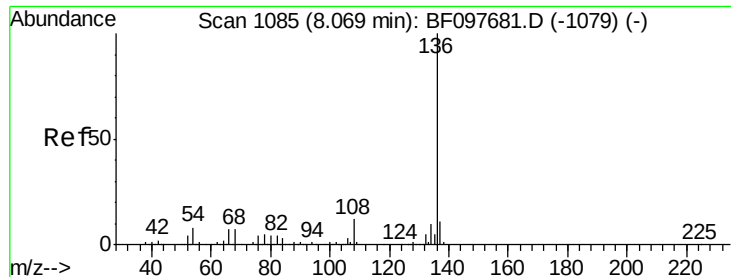
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

Tot Ion:136 Resp: 396639

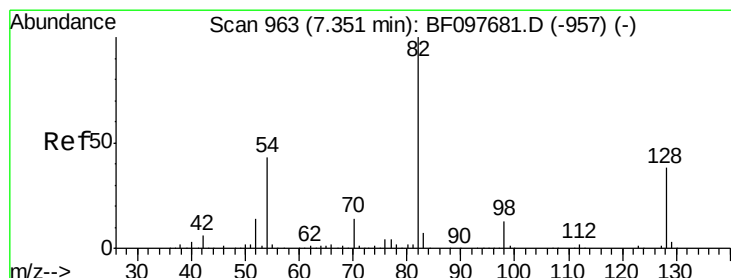
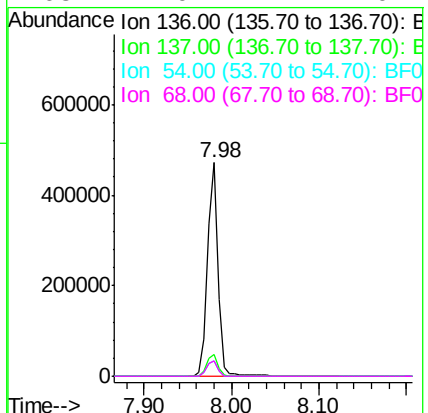
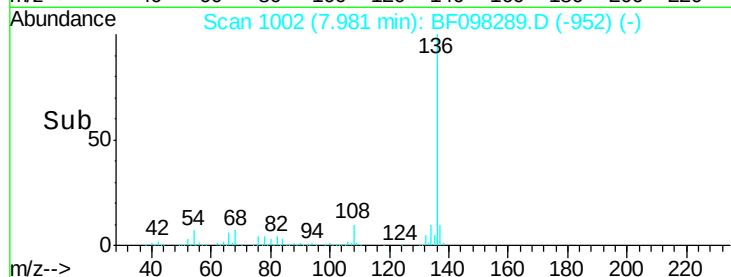
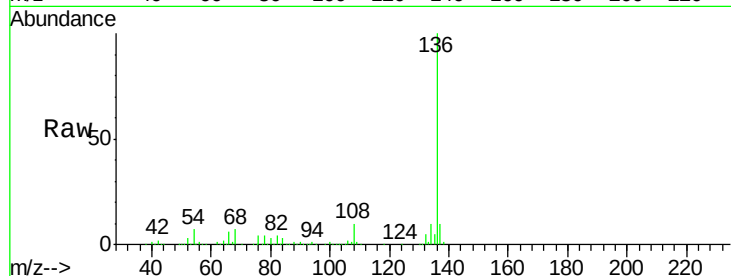
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.2 4.9 7.3

68 7.0 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 73.02 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

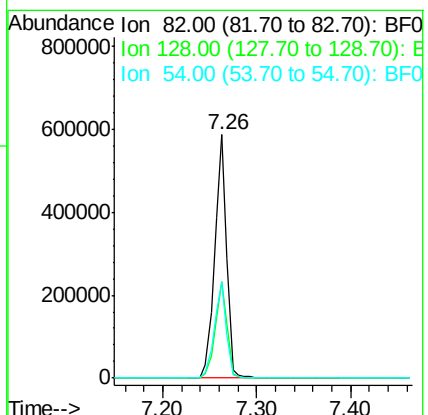
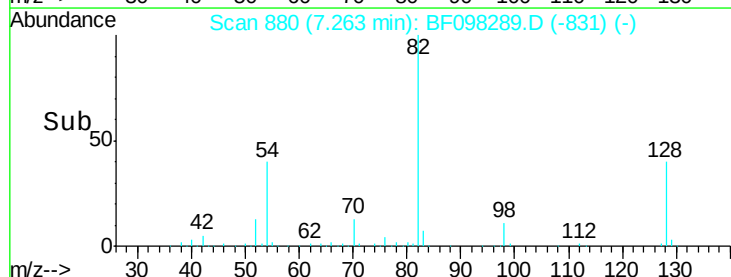
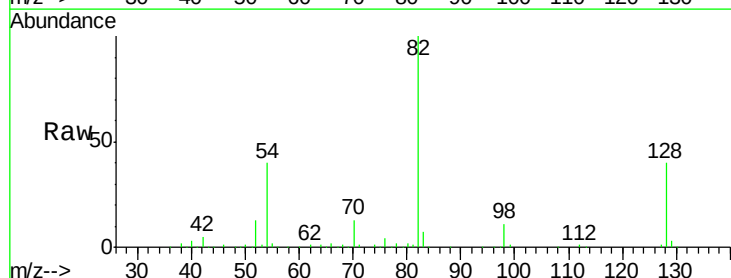
Tgt Ion: 82 Resp: 533145

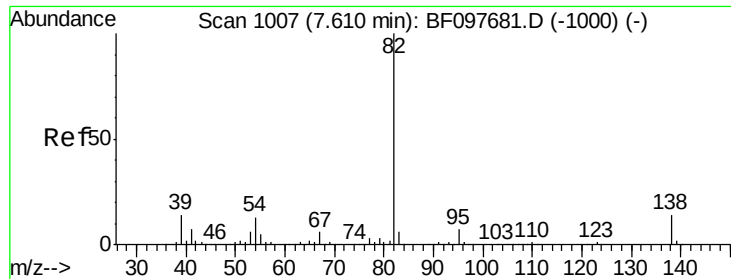
Ion Ratio Lower Upper

82 100

128 39.8 34.0 51.0

54 39.6 42.2 63.2#

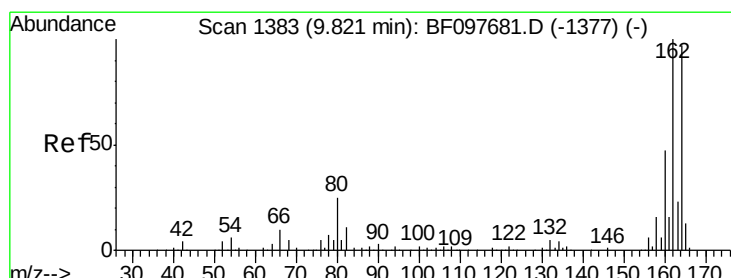
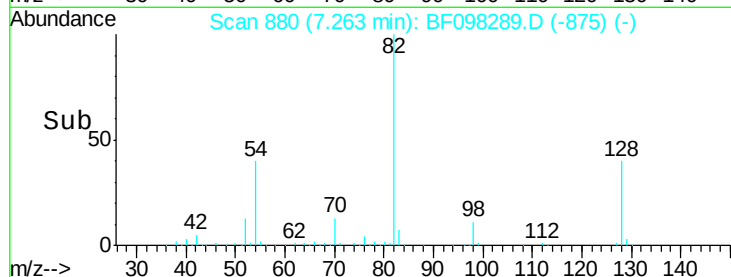
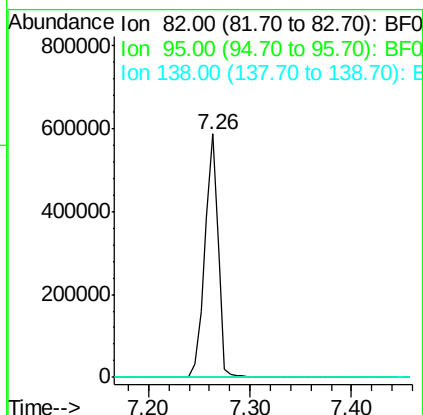
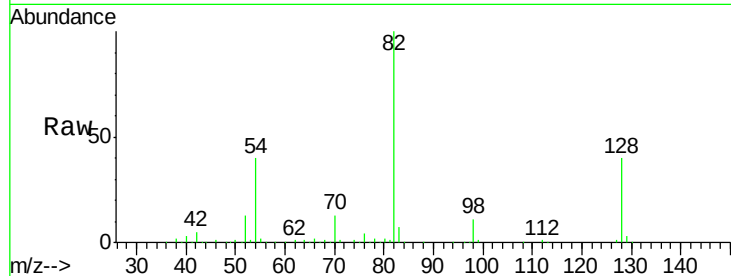




#25
Isophorone
Concen: 34.76 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

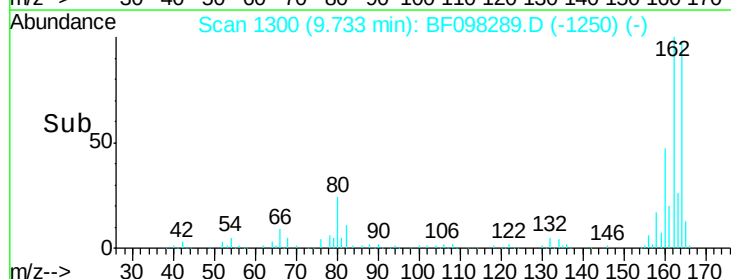
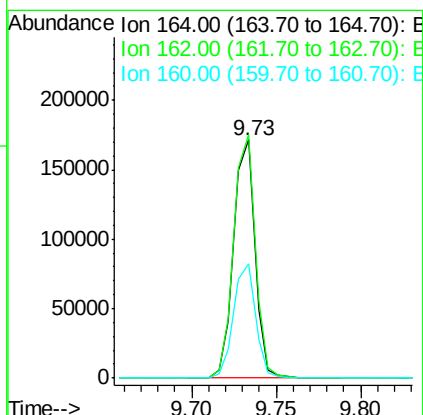
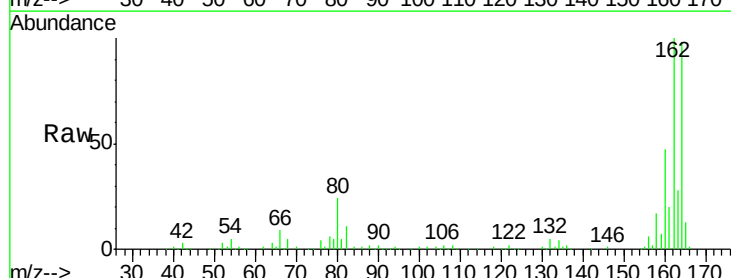
Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

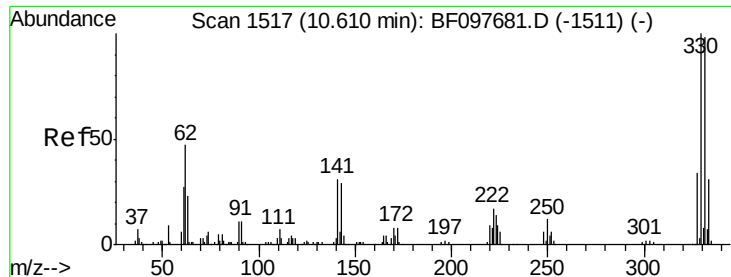
Tot Ion: 82 Resp: 527735
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

Tgt Ion: 164 Resp: 150851
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 47.9 36.2 54.2

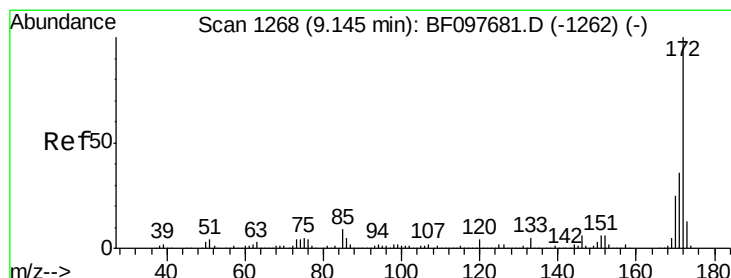
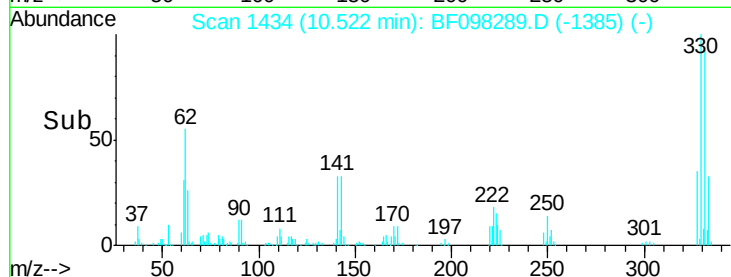
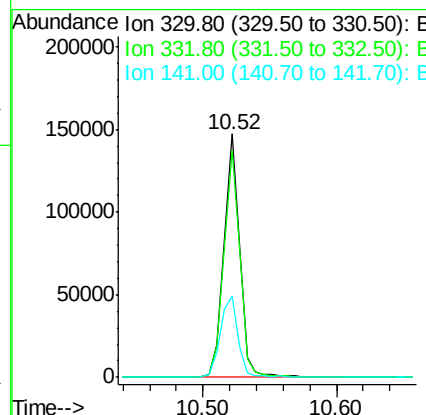
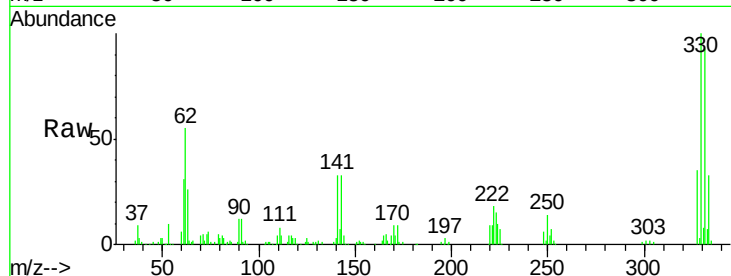




#41
 2,4,6-Tribromophenol
 Concen: 95.51 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

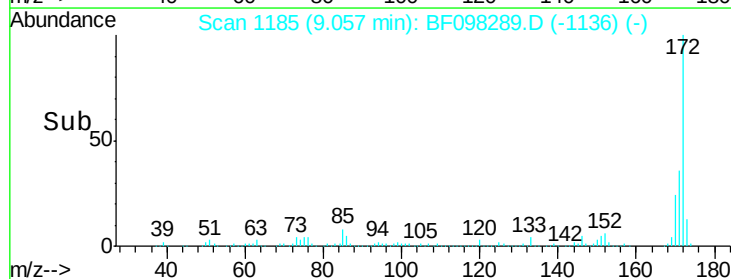
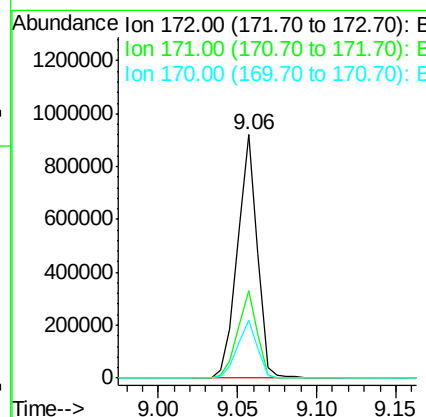
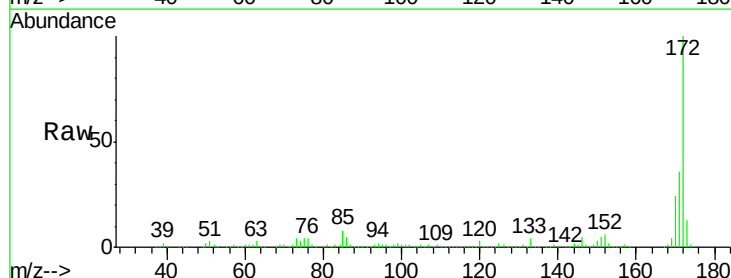
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

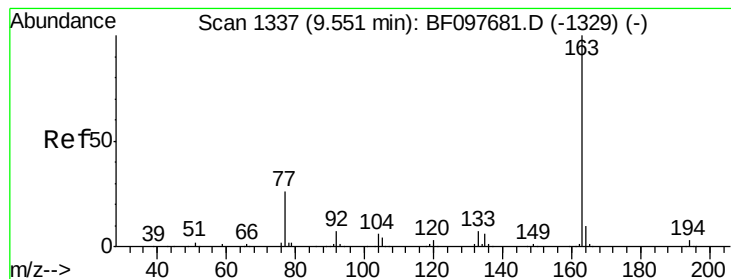
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	37.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 78.09 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8





#49

Dimethylphthalate

Concen: 6.00 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

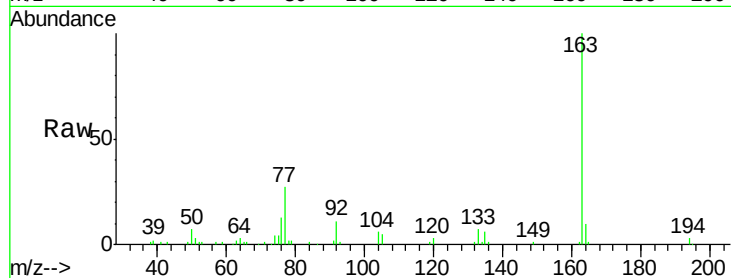
Tot Ion:163 Resp: 66202

Ion Ratio Lower Upper

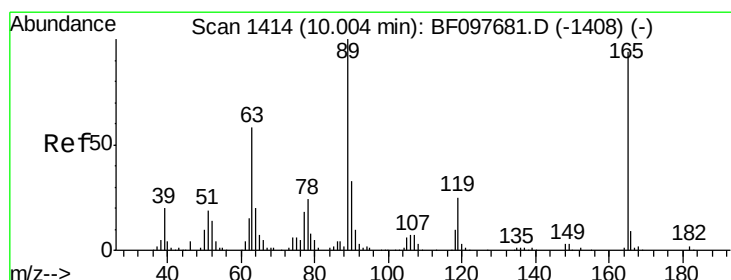
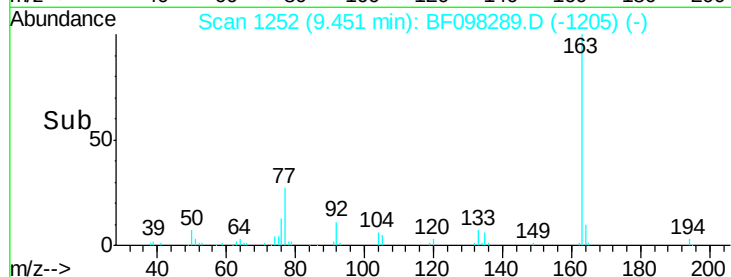
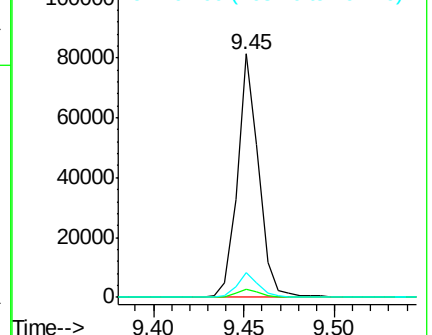
163 100

194 3.2 2.6 4.0

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 7.09 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Tgt Ion:165 Resp: 19587

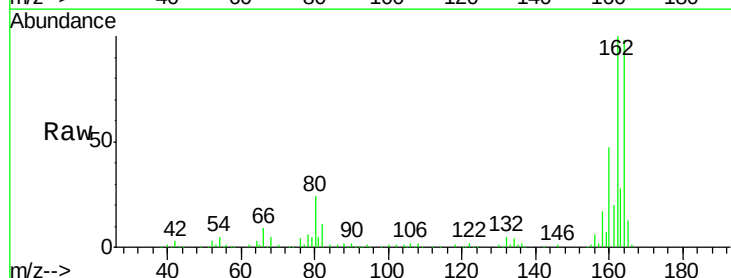
Ion Ratio Lower Upper

165 100

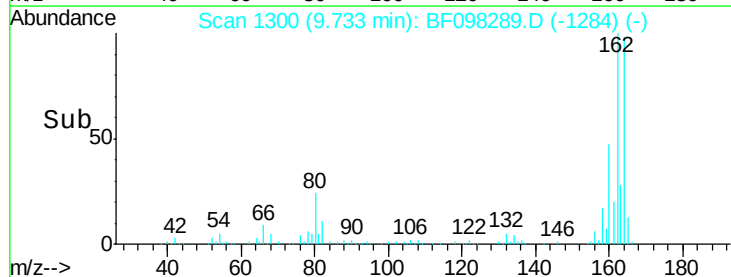
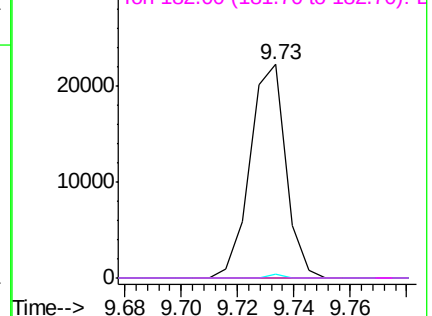
63 0.0 25.4 38.0#

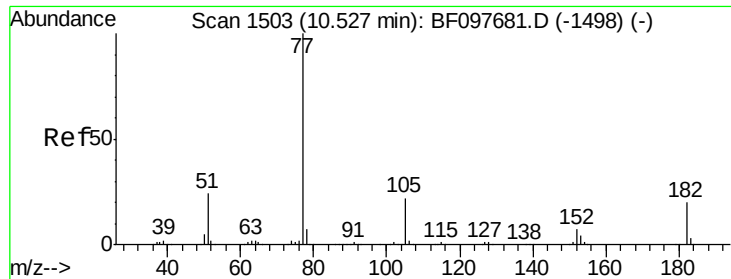
89 1.7 46.4 69.6#

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

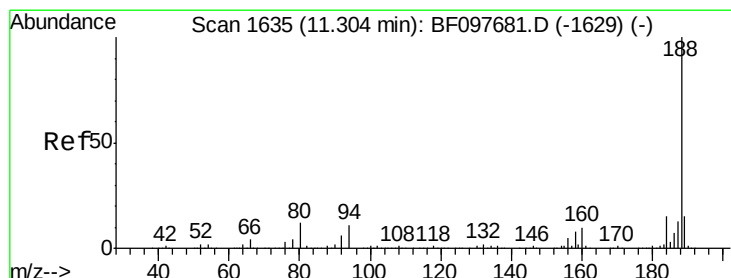
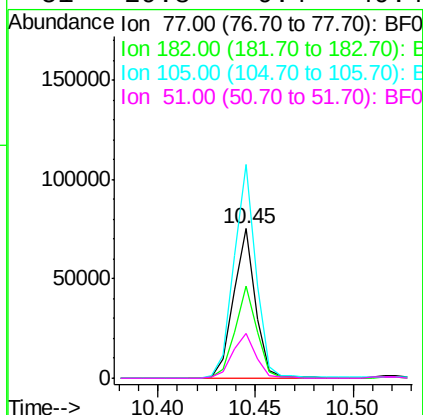
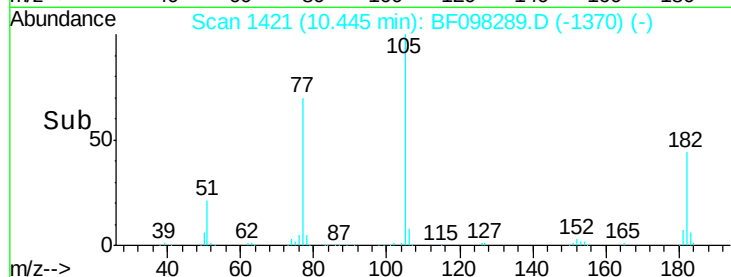
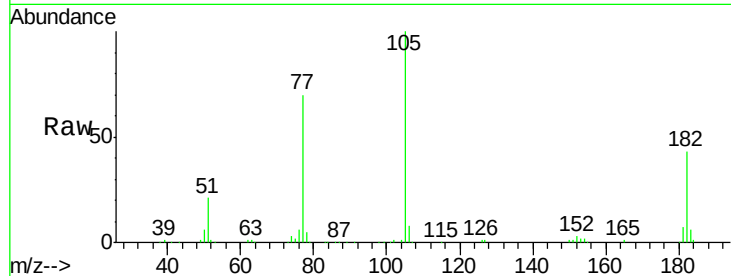




#62
Azobenzene
Concen: 4.30 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

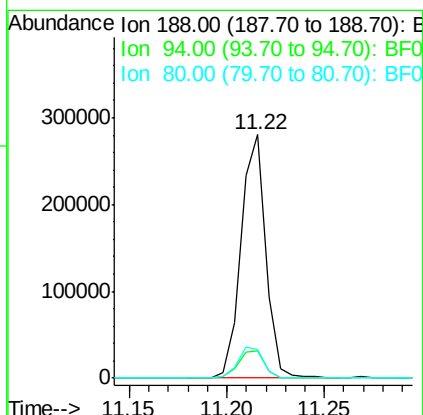
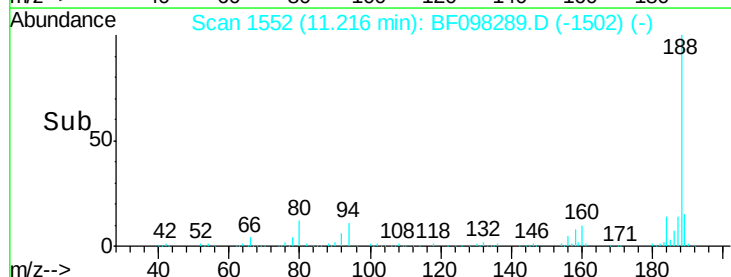
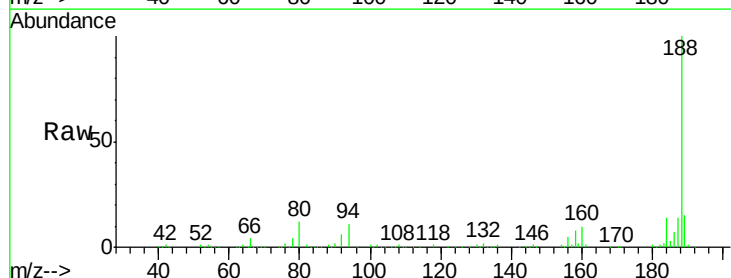
Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

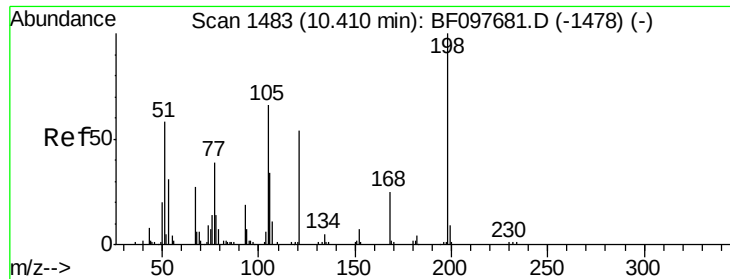
Tot Ion: 77 Resp: 58885
Ion Ratio Lower Upper
77 100
182 61.8 0.1 40.1#
105 142.7 3.6 43.6#
51 29.8 9.4 49.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

Tgt Ion: 188 Resp: 246809
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.8 10.2 15.2

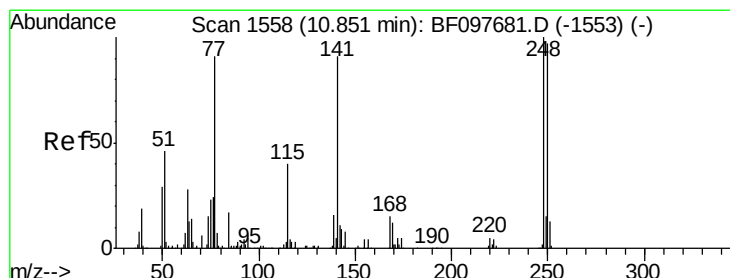
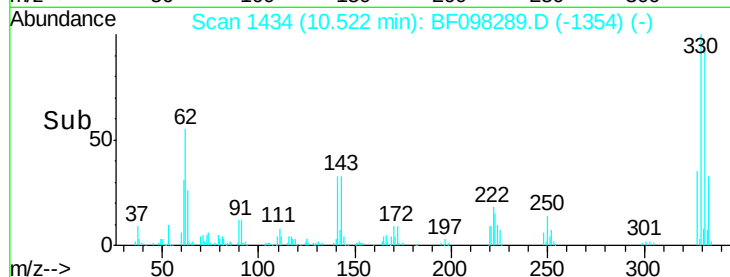
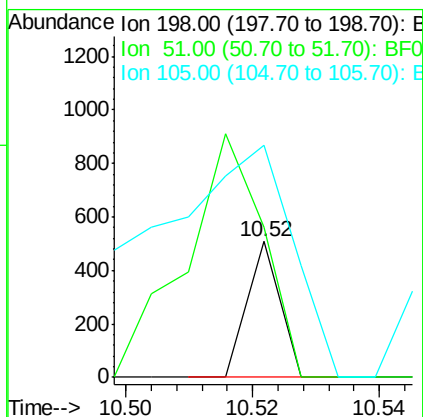
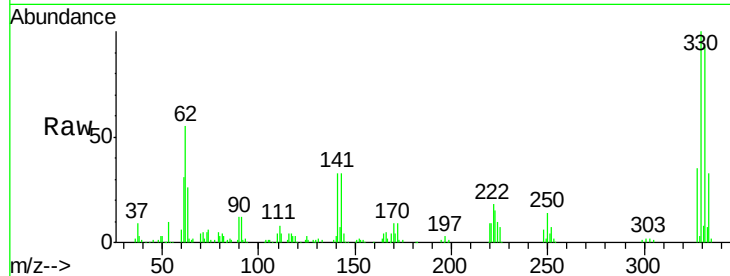




#64
4,6-Dinitro-2-methylphenol
Concen: 8.45 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.17 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

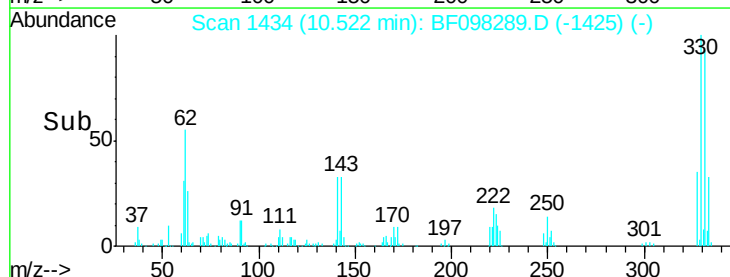
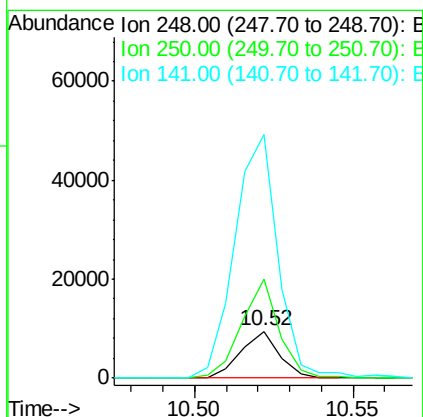
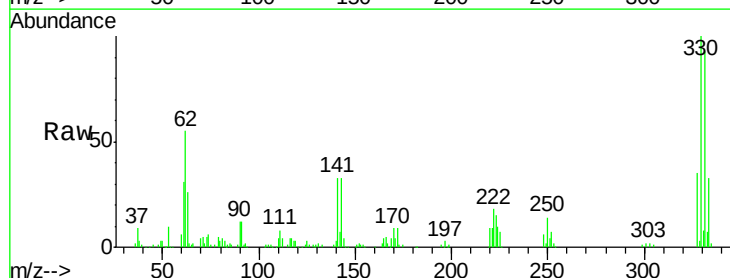
Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

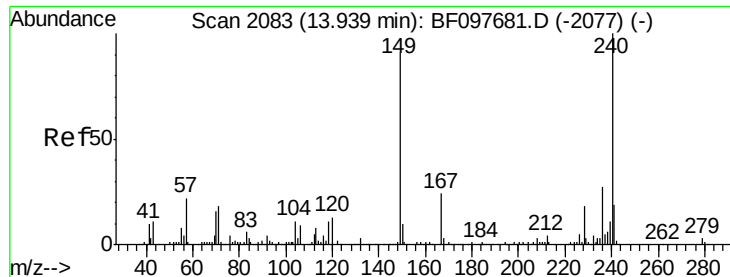
Tot Ion:198 Resp: 179
Ion Ratio Lower Upper
198 100
51 110.2 53.2 93.2#
105 171.3 45.8 85.8#



#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

Tgt Ion:248 Resp: 7826
Ion Ratio Lower Upper
248 100
250 210.4 76.8 115.2#
141 519.6 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

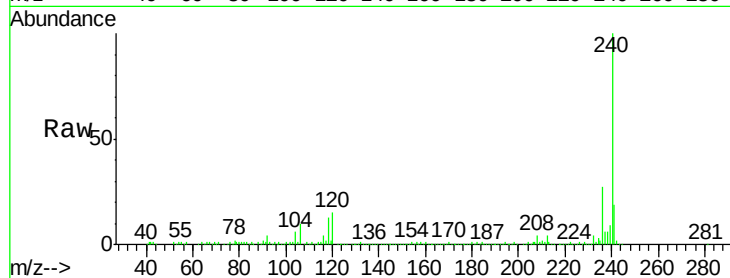
Tot Ion:240 Resp: 230200

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

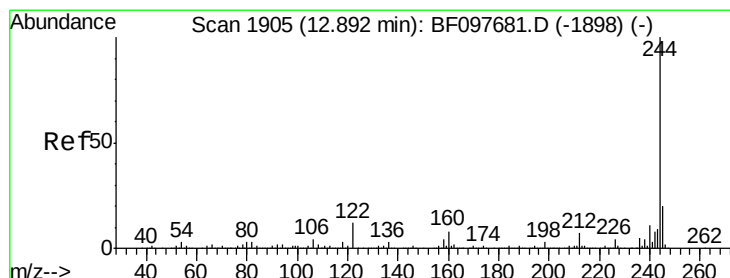
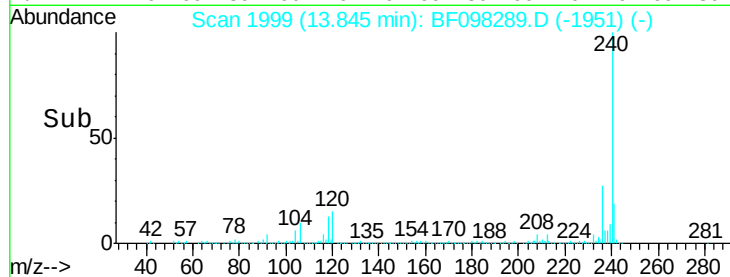
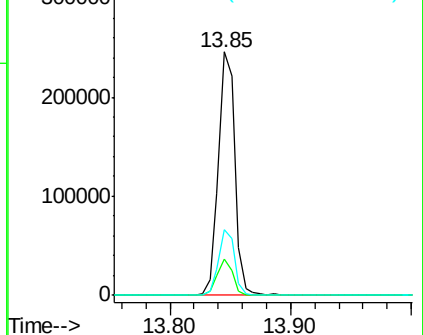
236 26.9 20.5 30.7



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: 51.86 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

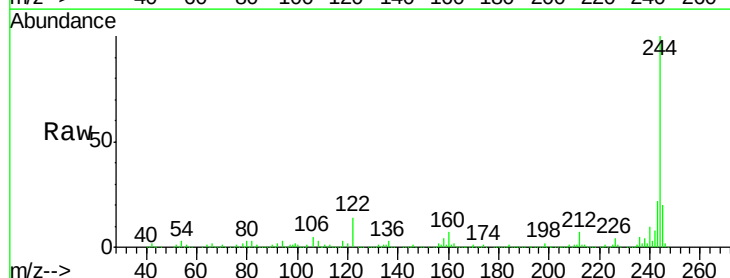
Tgt Ion:244 Resp: 572506

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

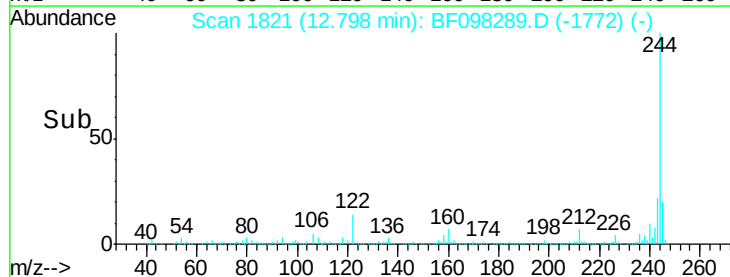
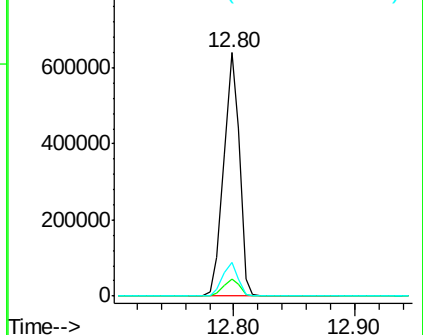
122 13.6 10.3 15.5

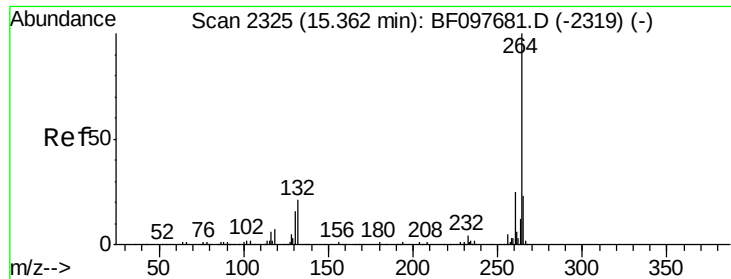


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

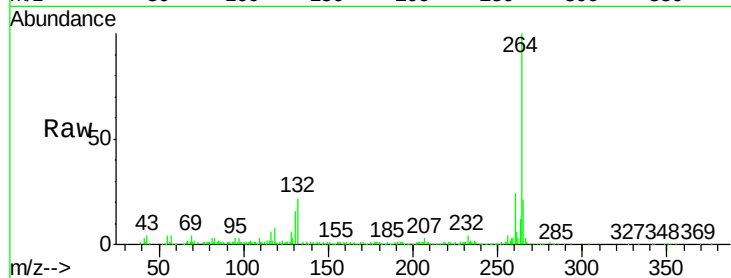




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.5	29.3	
265	20.5	17.2	25.8	



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

