

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098075.D
 Acq On : 28 Aug 2017 19:27
 Operator : SJ/JU
 Sample : PB101859BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BL

Quant Time: Aug 29 07:49:30 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

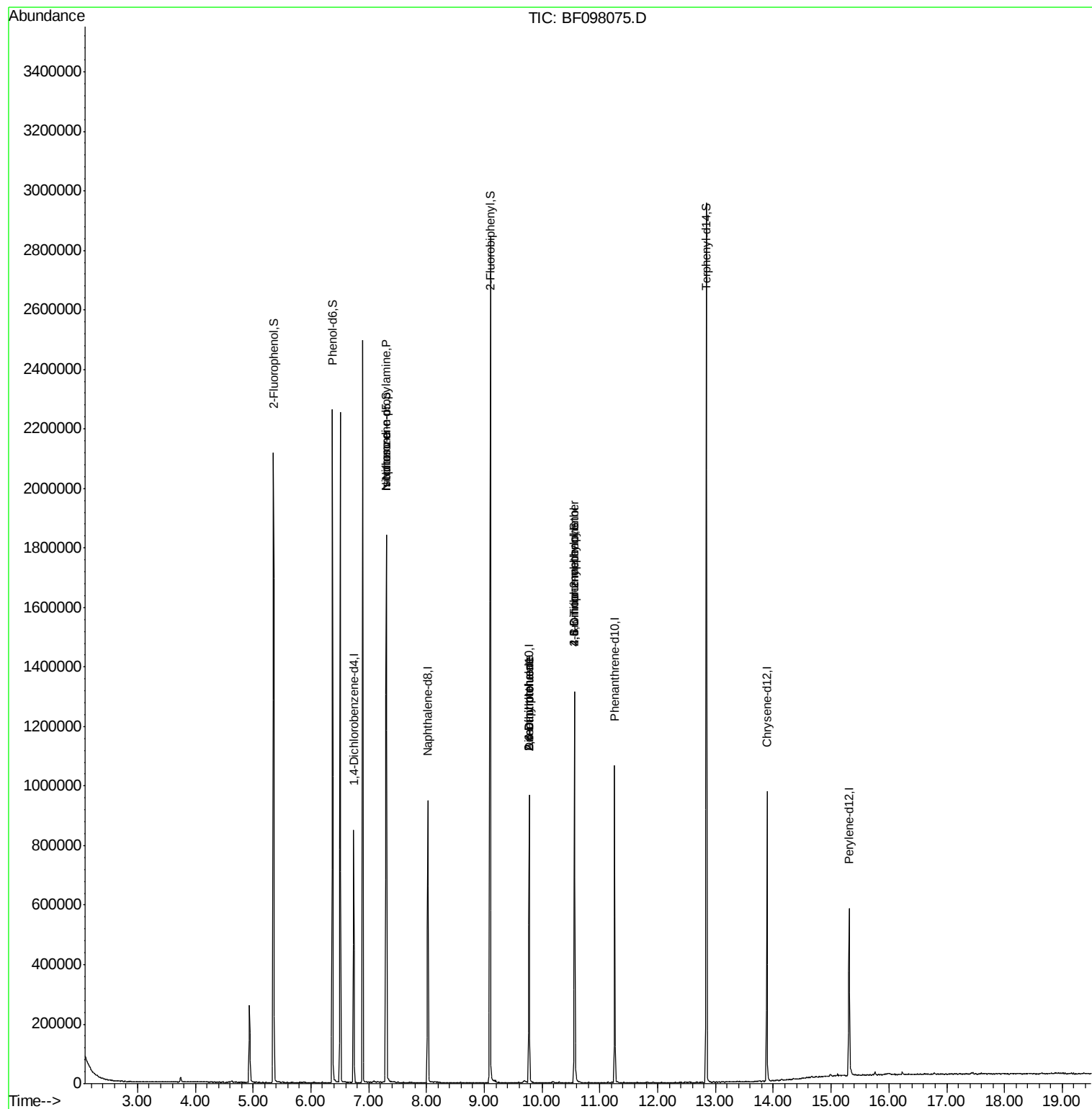
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	104806	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	421518	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	185796	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	363196	20.00	ng	0.00
75) Chrysene-d12	13.89	240	320755	20.00	ng	0.00
86) Perylene-d12	15.32	264	273472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	601299	87.27	ng	0.00
7) Phenol-d6	6.37	99	788230	84.20	ng	-0.01
23) Nitrobenzene-d5	7.30	82	715379	92.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	140935	87.42	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1069262	84.55	ng	0.00
78) Terphenyl-d14	12.84	244	950749	61.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	95171	14.850	ng	# 72
25) Isophorone	7.30	82	707338	43.841	ng	# 67
49) Dimethylphthalate	9.77	163	47318	3.484	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	22736	8.387	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	22736	6.683	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	279	8.455	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	9824	2.605	ng	# 1

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

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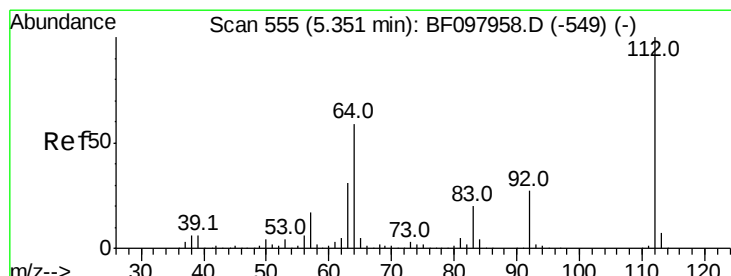
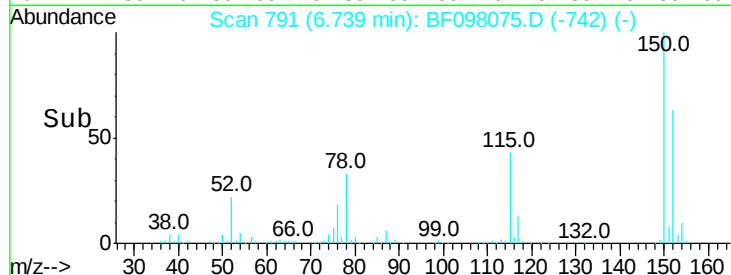
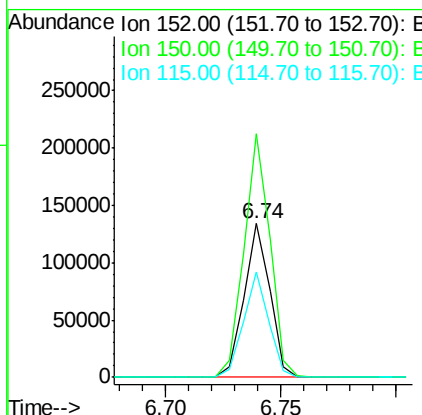
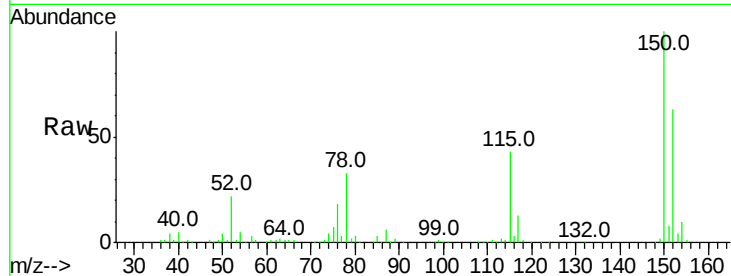


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BL

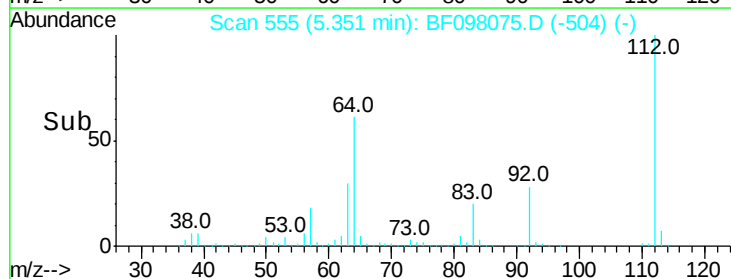
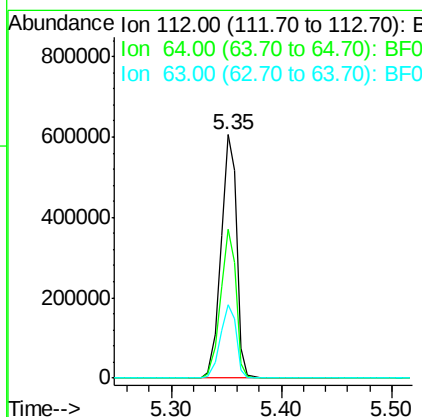
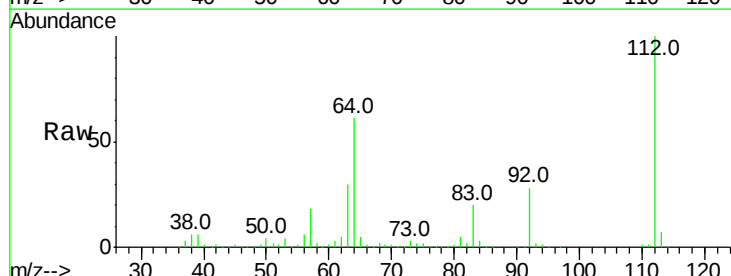
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	68.7	52.2	78.2

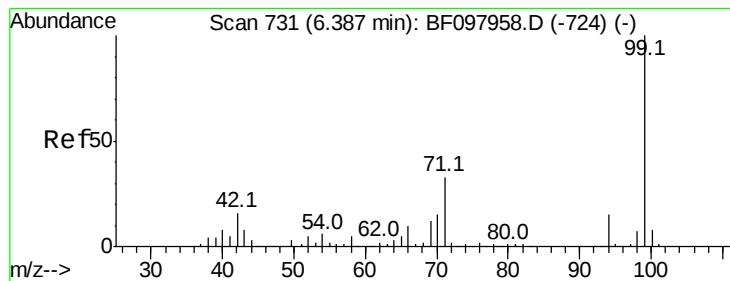


#5

2-Fluorophenol
 Concen: 87.268 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 84.196 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098075.D

Acq: 28 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

PB101859BL

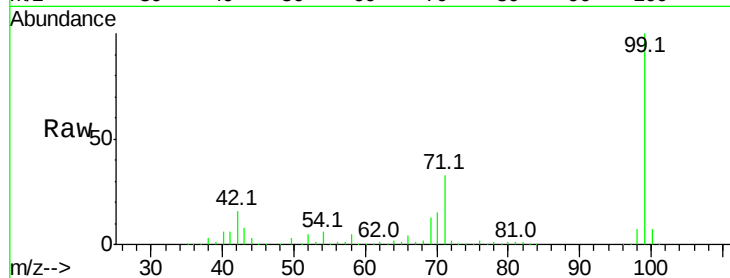
Tot Ion: 99 Resp: 788230

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

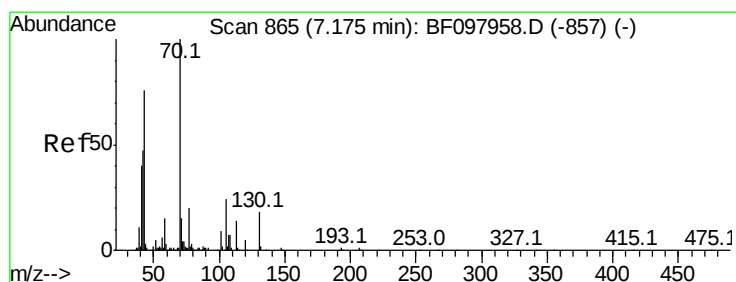
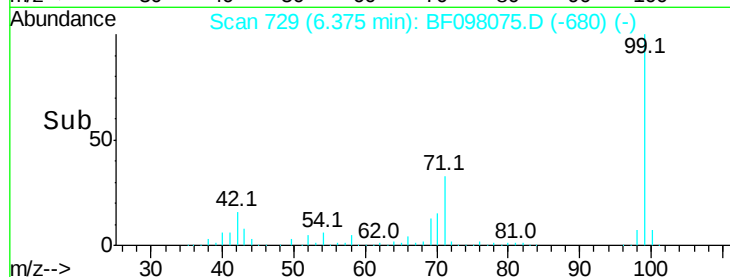
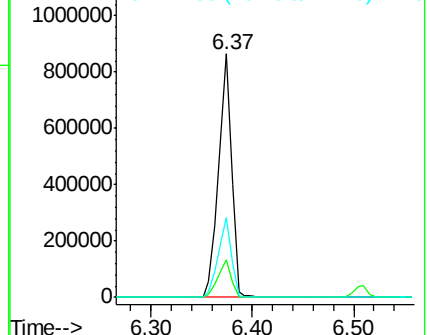
71 32.7 24.5 36.7



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: 14.850 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098075.D

Acq: 28 Aug 2017 19:27

Tgt Ion: 70 Resp: 95171

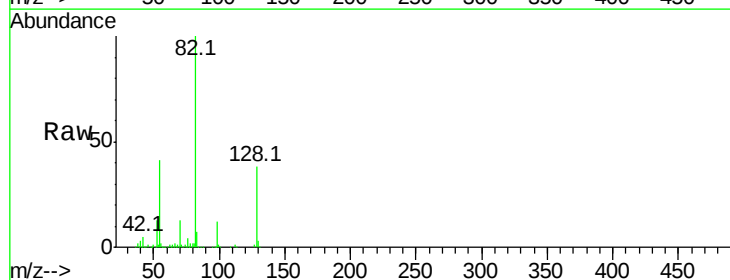
Ion Ratio Lower Upper

70 100

42 40.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

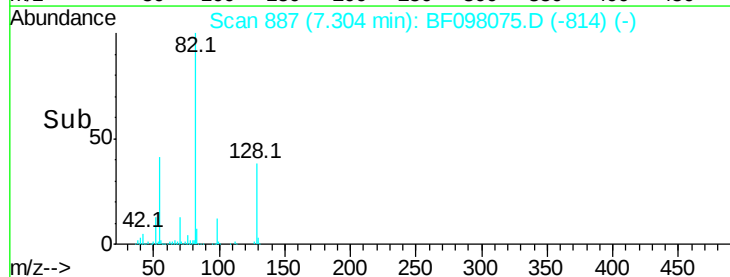
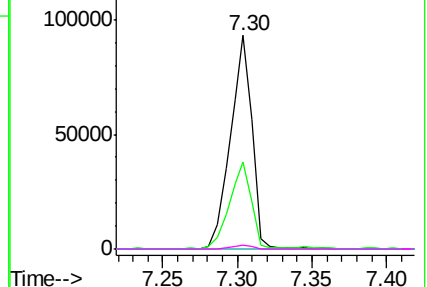


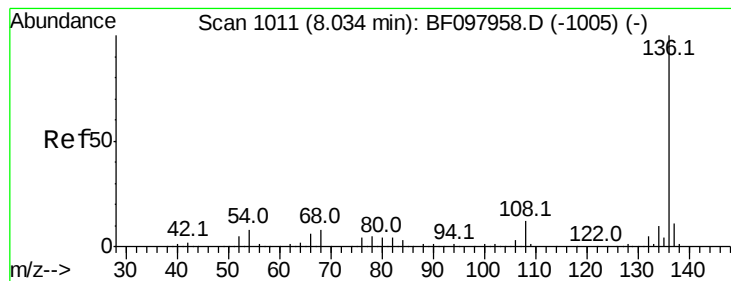
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098075.D

Acq: 28 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

PB101859BL

Tot Ion:136 Resp: 421518

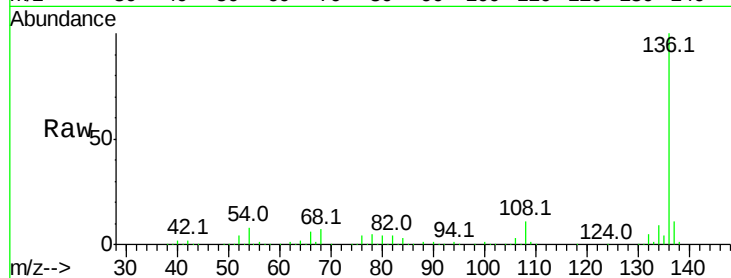
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.7 4.9 7.3#

68 7.0 4.1 6.1#

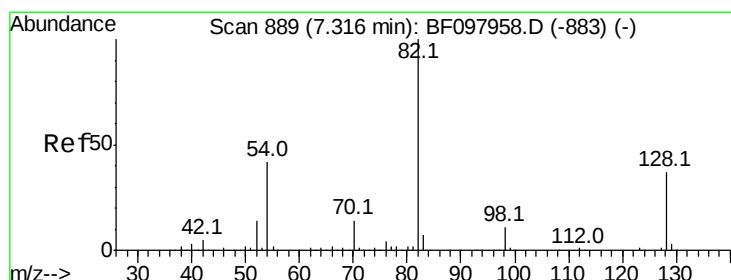
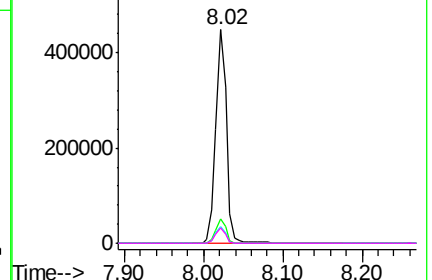
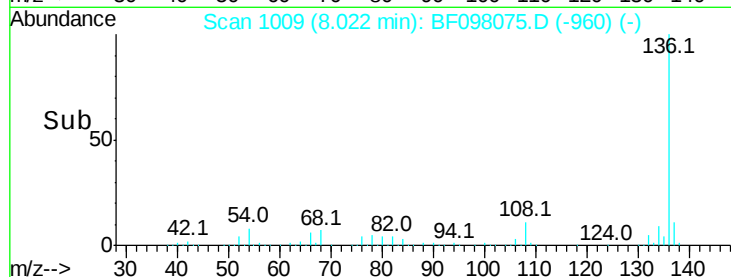


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 92.197 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098075.D

Acq: 28 Aug 2017 19:27

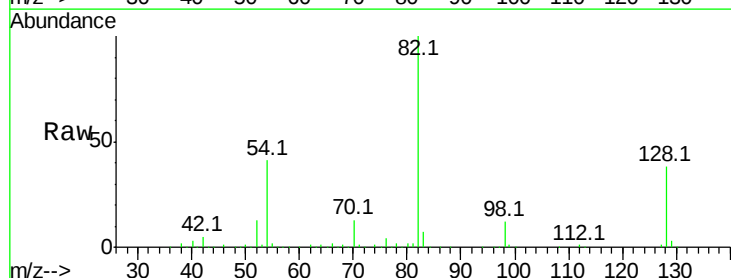
Tgt Ion: 82 Resp: 715379

Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

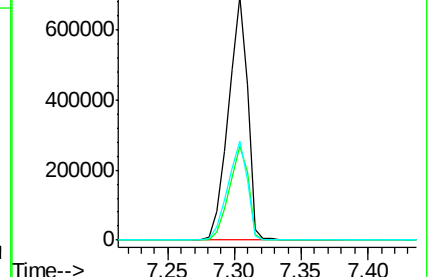
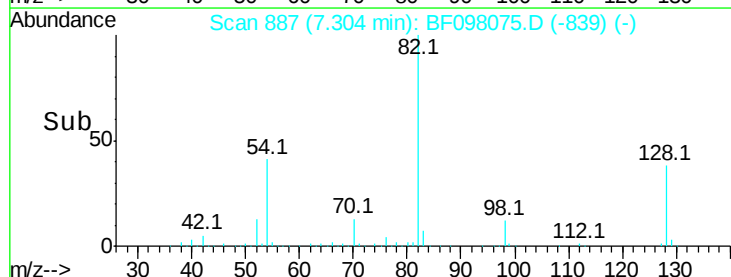
54 40.7 42.2 63.2#

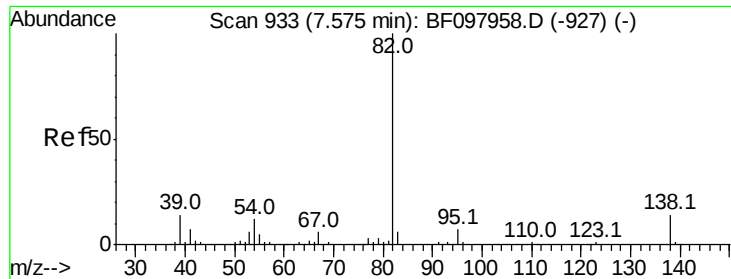


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

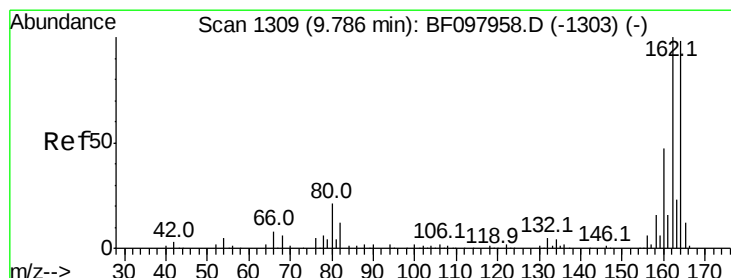
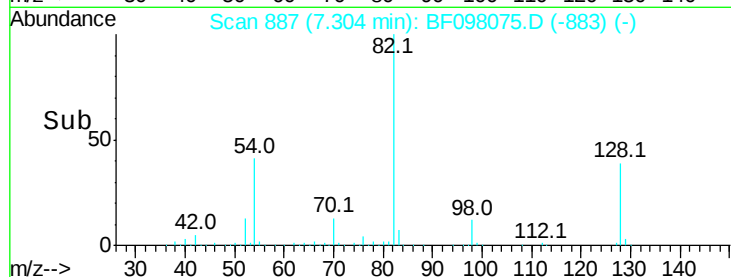
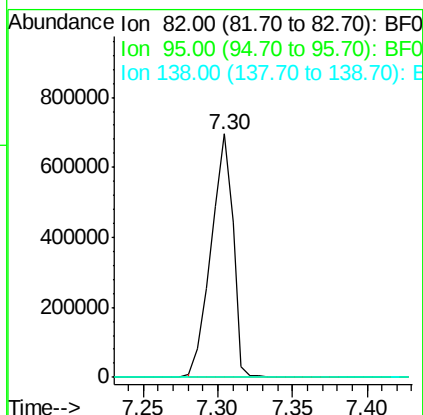
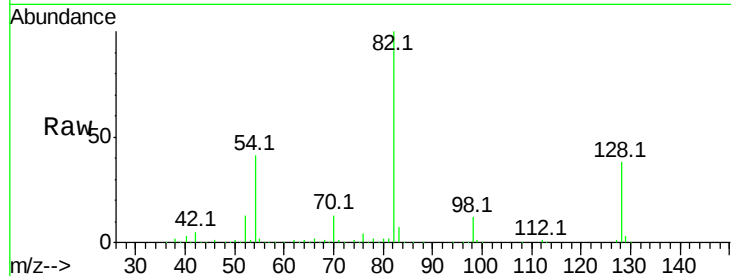




#25
Isophorone
Concen: 43.841 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098075.D
Acq: 28 Aug 2017 19:27

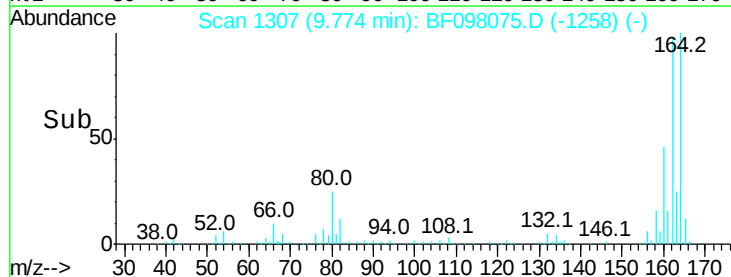
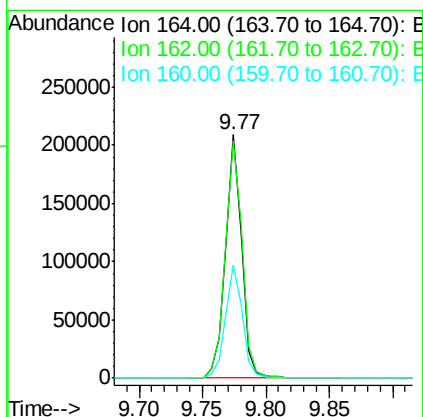
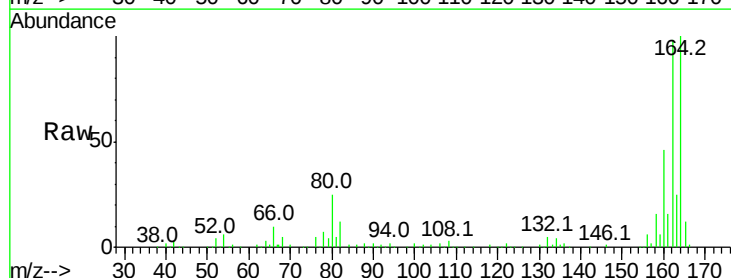
Instrument :
BNA_F
ClientSampleId :
PB101859BL

Tot Ion: 82 Resp: 707338
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098075.D
Acq: 28 Aug 2017 19:27

Tgt Ion:164 Resp: 185796
Ion Ratio Lower Upper
164 100
162 97.6 82.6 123.8
160 46.2 36.2 54.2

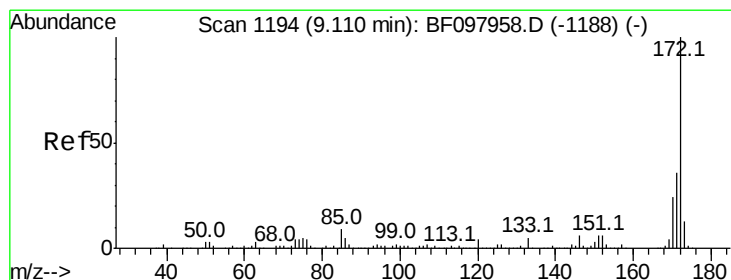
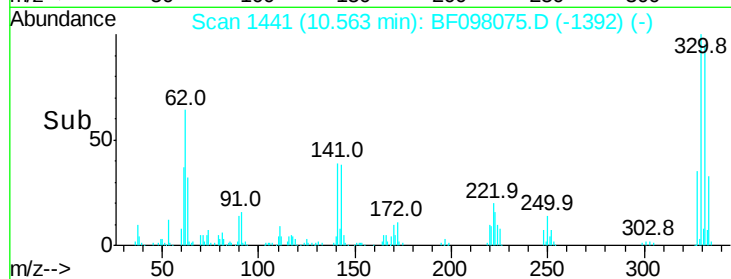
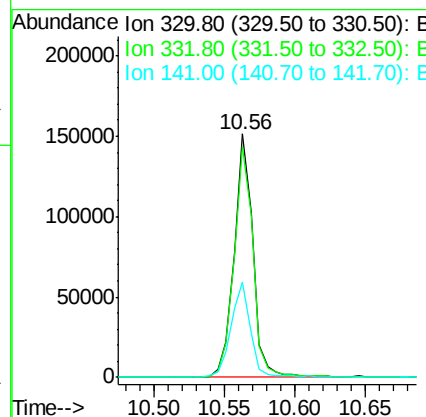
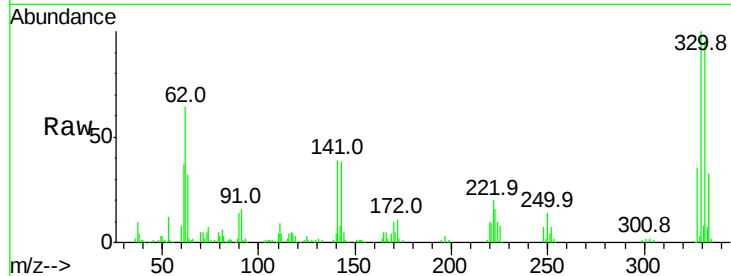




#41
 2,4,6-Tribromophenol
 Concen: 87.424 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

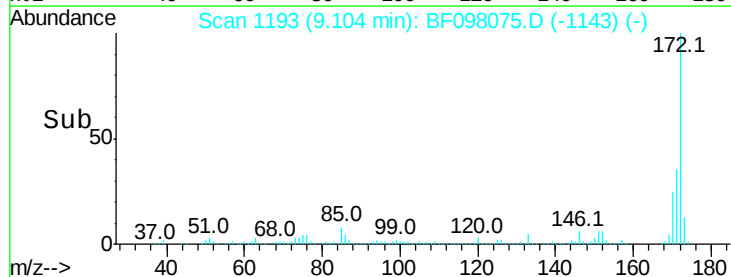
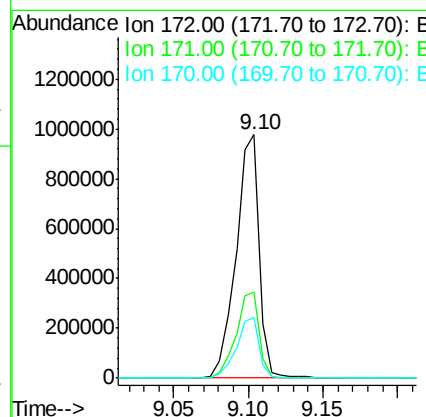
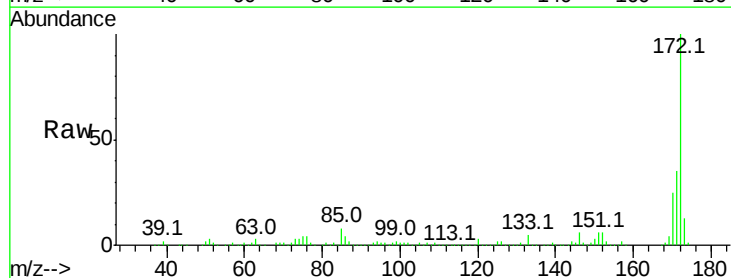
Instrument :
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 PB101859BL

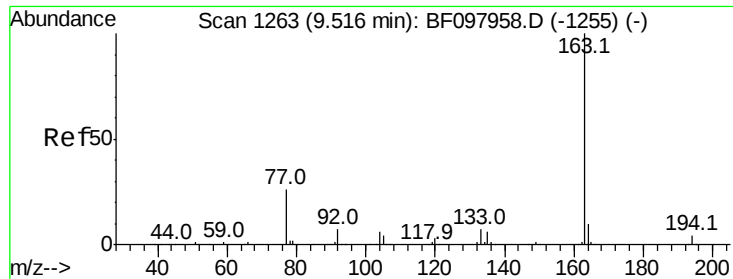
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 84.553 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.6	19.8	29.8

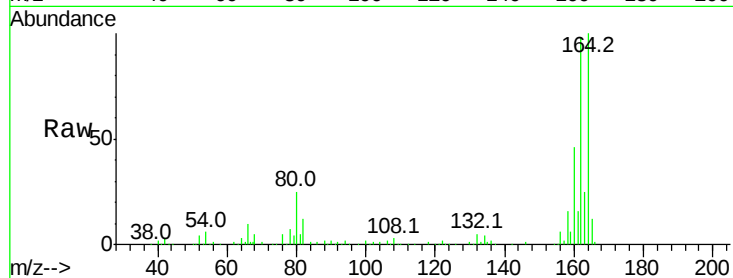




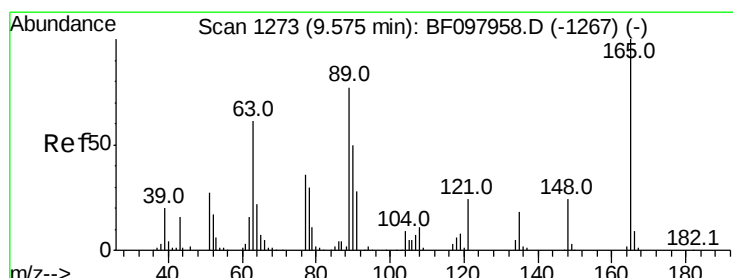
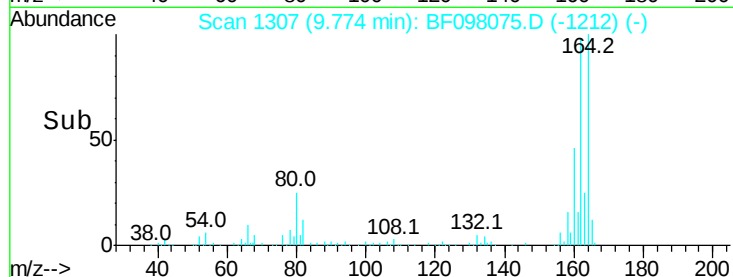
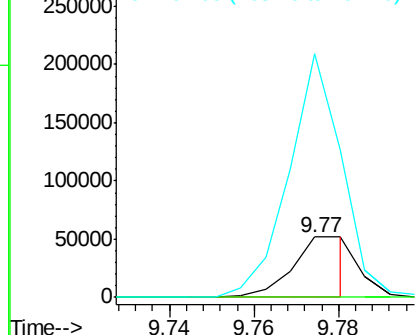
#49
Dimethylphthalate
Concen: 3.484 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098075.D
Acq: 28 Aug 2017 19:27

Instrument :
BNA_F
ClientSampleId :
PB101859BL

Tot Ion:163 Resp: 47318
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 404.7 8.4 12.6#

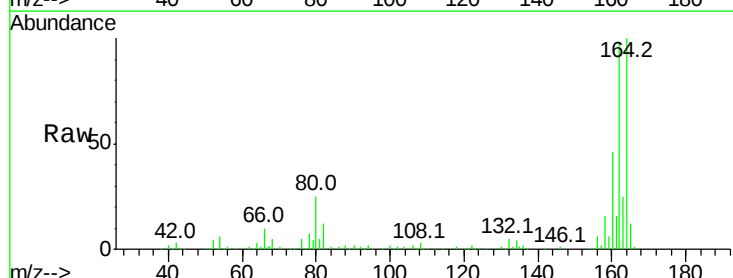


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

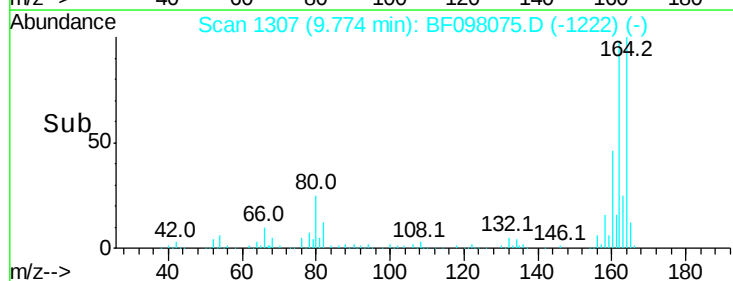
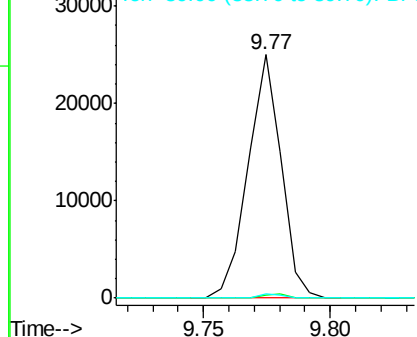


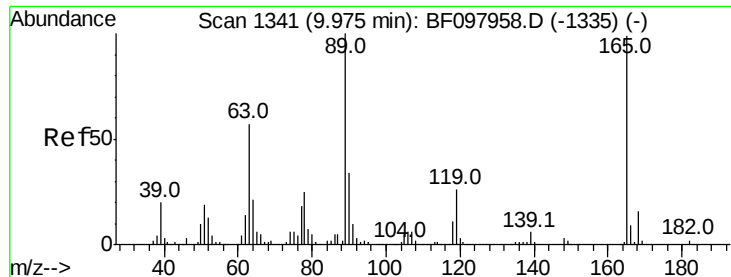
#50
2,6-Dinitrotoluene
Concen: 8.387 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098075.D
Acq: 28 Aug 2017 19:27

Tgt Ion:165 Resp: 22736
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 2.0 37.1 55.7#



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

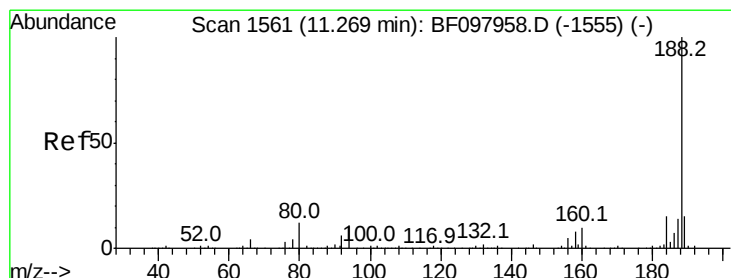
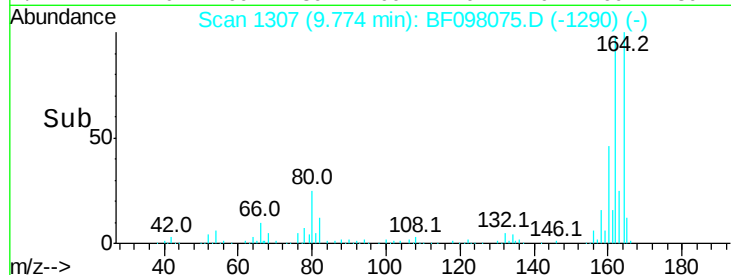
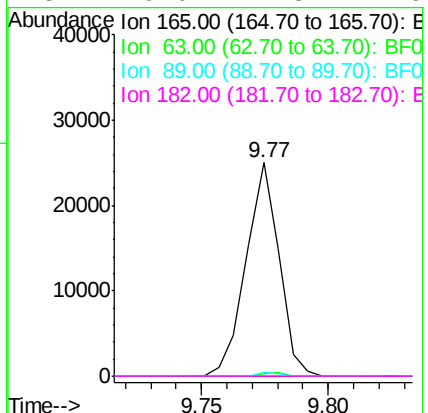
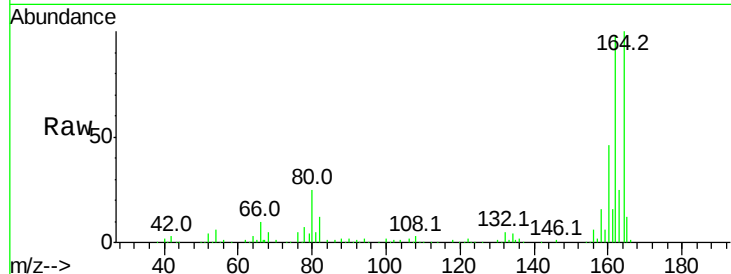




#56
 2,4-Dinitrotoluene
 Concen: 6.683 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

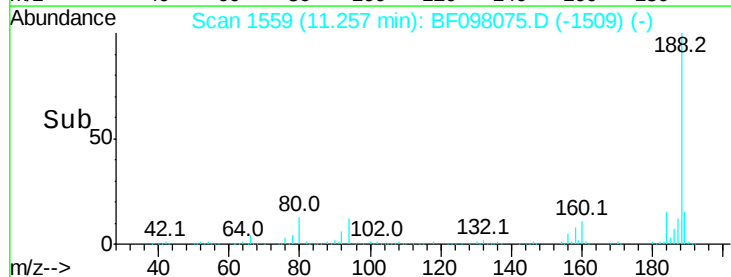
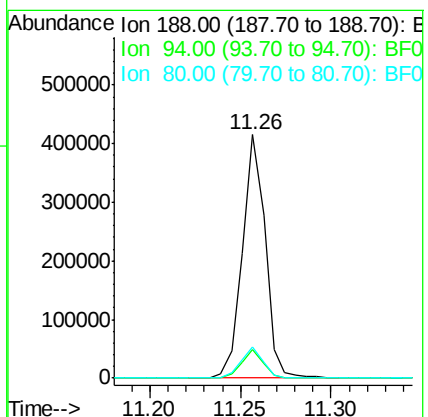
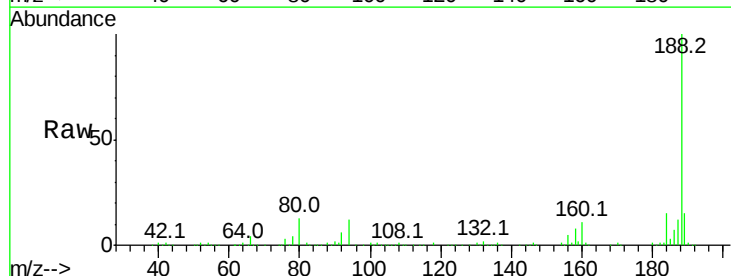
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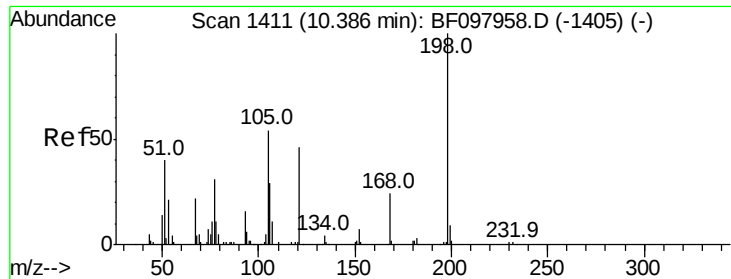
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.8	10.2	15.2

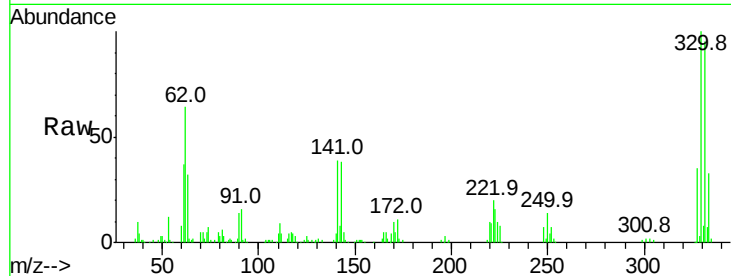




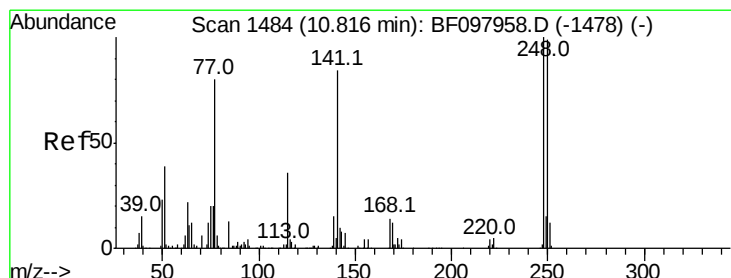
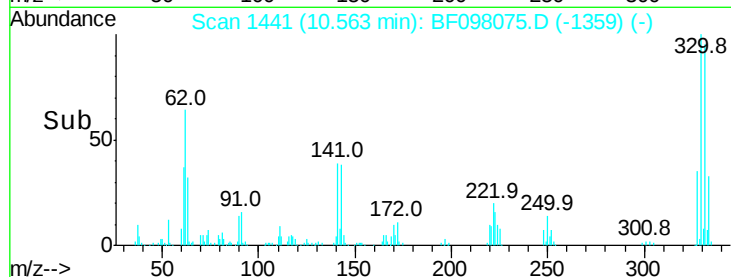
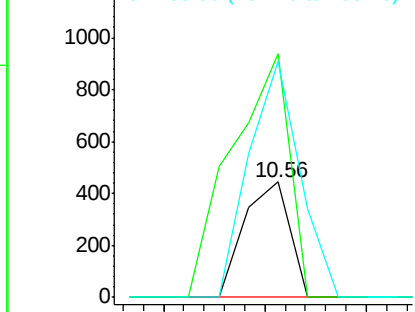
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.455 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BL

Tot Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 211.7 53.2 93.2#
 105 205.2 45.8 85.8#

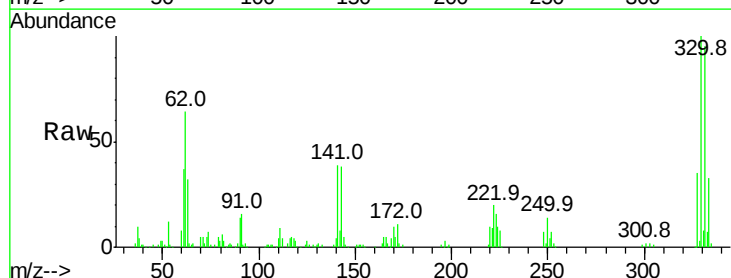


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

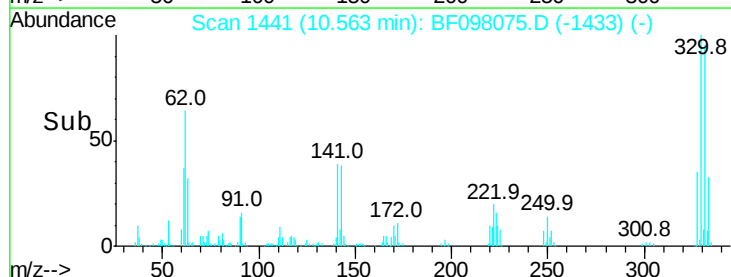
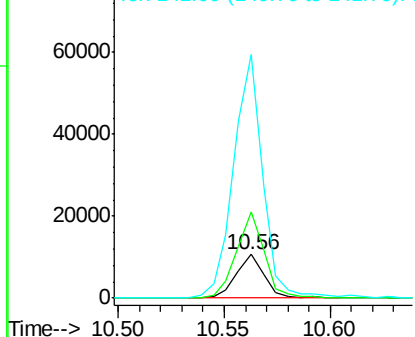


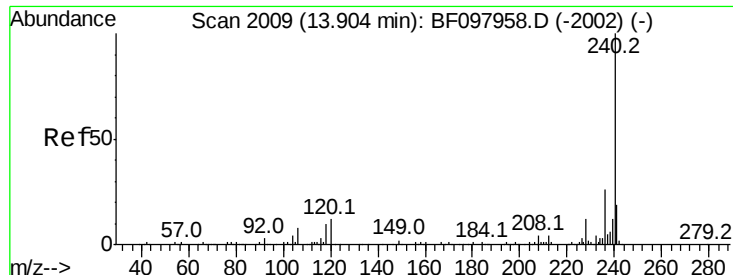
#66
 4-Bromophenyl-phenylether
 Concen: 2.605 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098075.D
 Acq: 28 Aug 2017 19:27

Tgt Ion:248 Resp: 9824
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.8 115.2#
 141 556.2 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: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098075.D

Acq: 28 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

PB101859BL

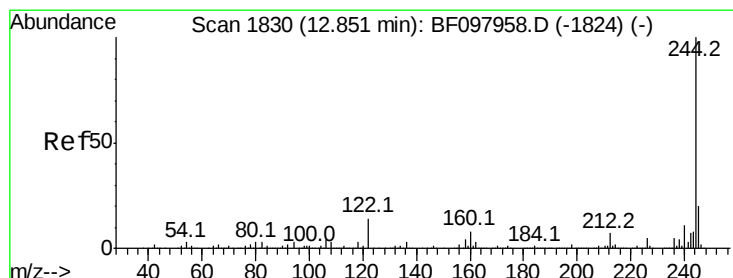
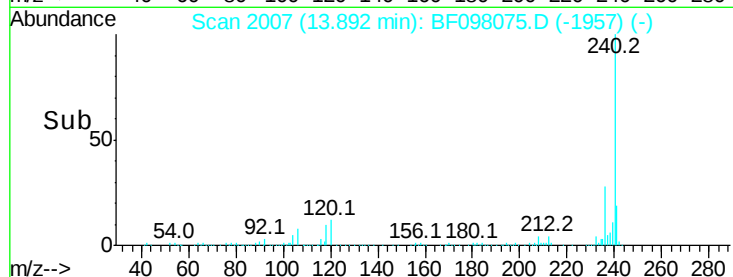
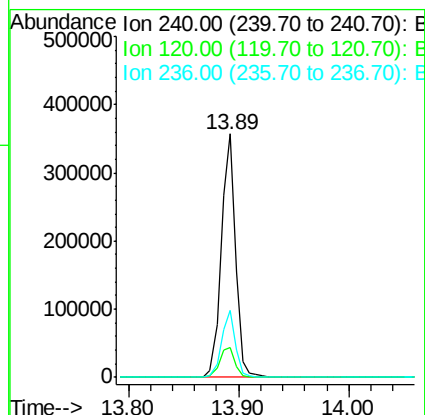
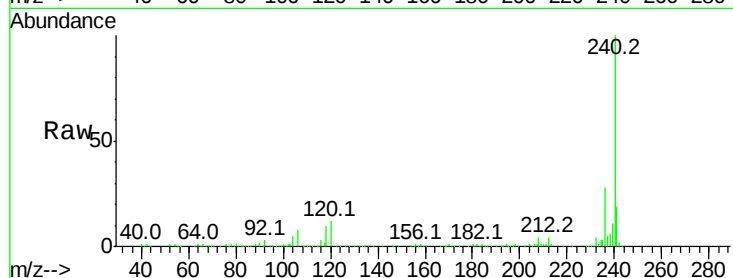
Tot Ion:240 Resp: 320755

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

236 27.6 20.5 30.7



#78

Terphenyl-d14

Concen: 61.811 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098075.D

Acq: 28 Aug 2017 19:27

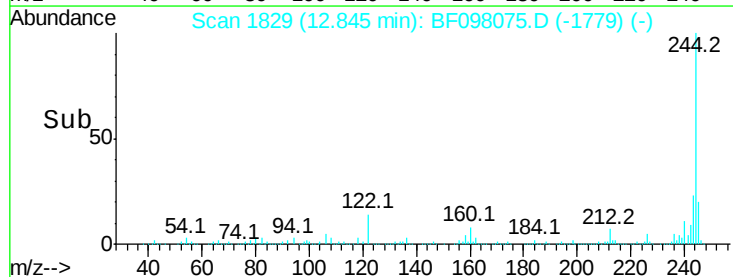
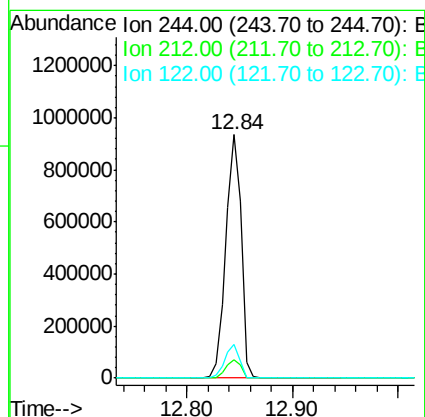
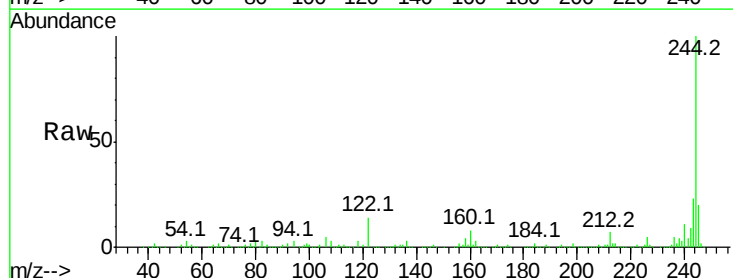
Tgt Ion:244 Resp: 950749

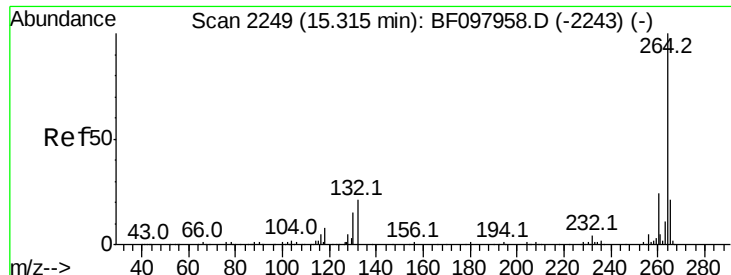
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 13.9 10.3 15.5



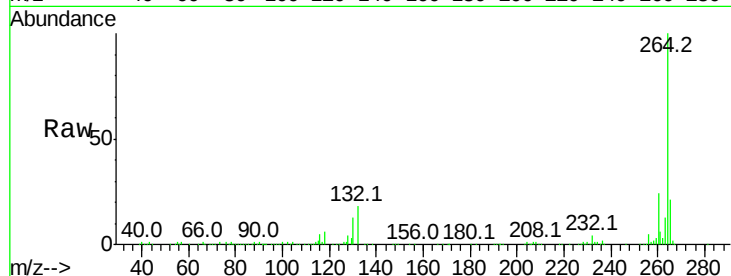


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF098075.D
Acq: 28 Aug 2017 19:27

Instrument :
BNA_F
ClientSampleId :
PB101859BL

Tot Ion:264 Resp: 273472

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	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

