

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098074.D
 Acq On : 28 Aug 2017 19:00
 Operator : SJ/JU
 Sample : PB101862TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Quant Time: Aug 29 07:48:56 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

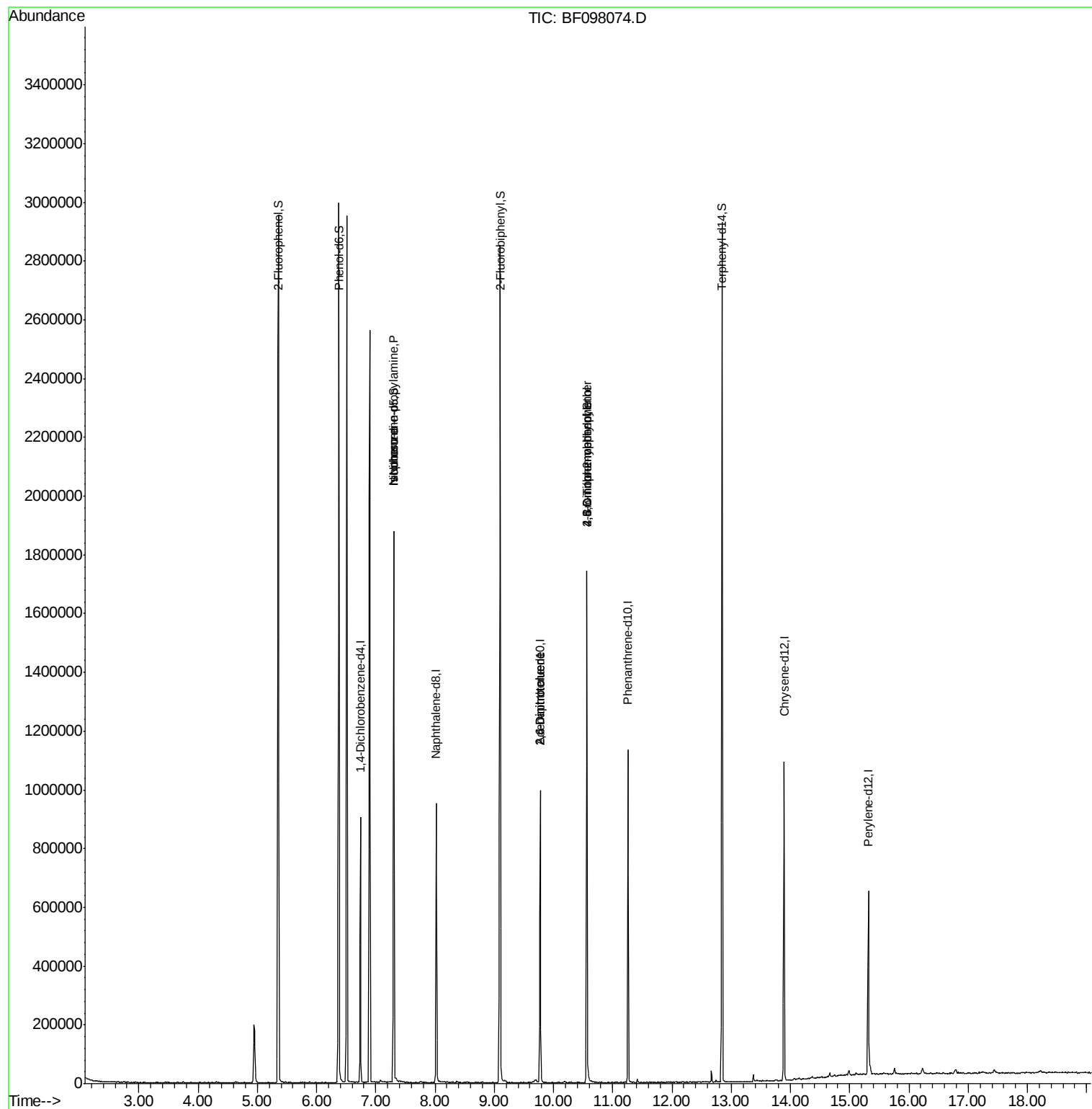
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112944	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	447429	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	198856	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	384988	20.00	ng	0.00
75) Chrysene-d12	13.89	240	352222	20.00	ng	0.00
86) Perylene-d12	15.32	264	297302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	900039	121.21	ng	0.00
7) Phenol-d6	6.38	99	1190982	118.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	739299	89.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	220207	127.63	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1093991	80.83	ng	0.00
78) Terphenyl-d14	12.84	244	1006764	59.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	99132	14.354	ng	# 72
25) Isophorone	7.30	82	731649	42.721	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	24702	8.514	ng	# 32
56) 2,4-Dinitrotoluene	9.77	165	24702	6.784	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.56	198	475	8.537	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	13954	3.490	ng	# 1

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

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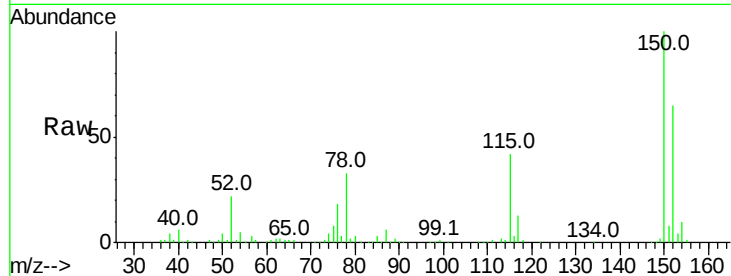


#1

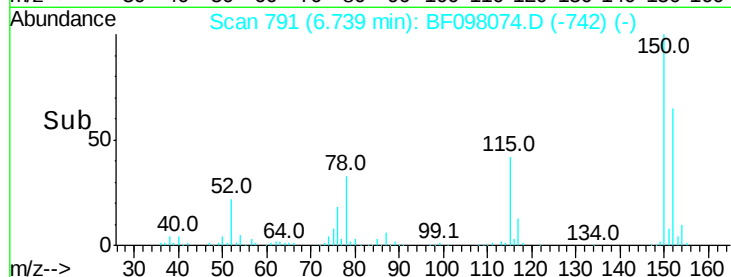
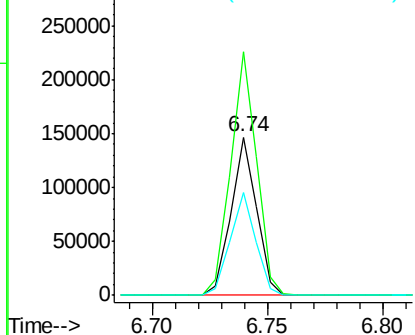
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Tot Ion:152 Resp: 112944
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.2 189.2
 115 65.0 52.2 78.2



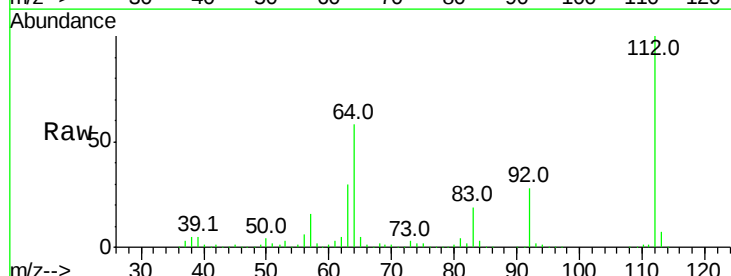
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



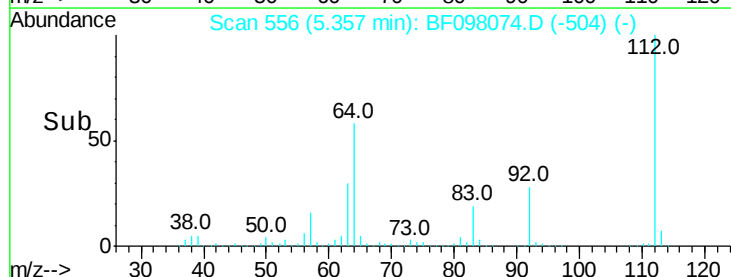
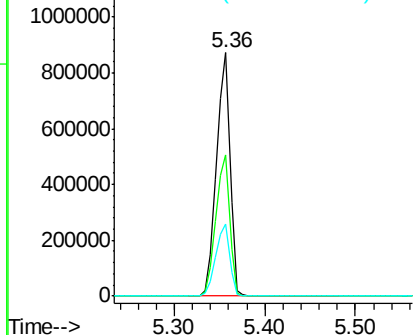
#5

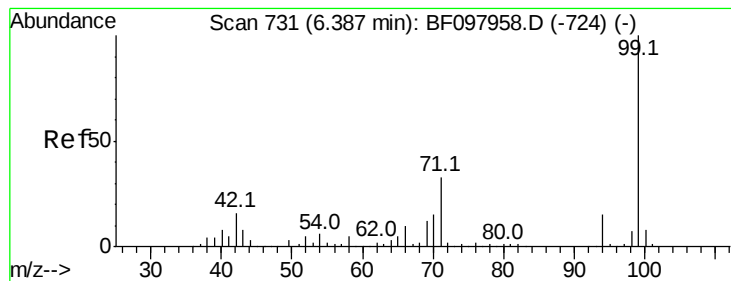
2-Fluorophenol
 Concen: 121.213 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion:112 Resp: 900039
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.0 69.0
 63 29.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.050 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Instrument :

BNA_F

ClientSampleId :

PB101862TB

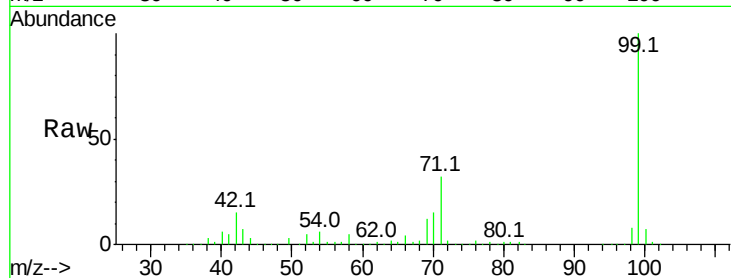
Tot Ion: 99 Resp: 1190982

Ion Ratio Lower Upper

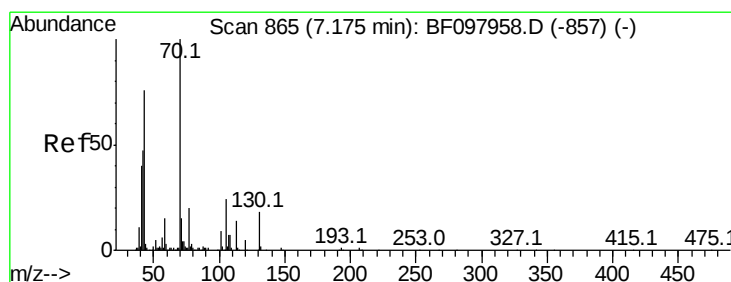
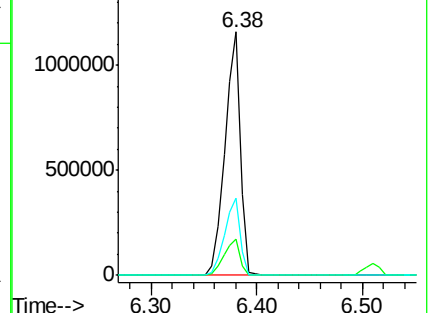
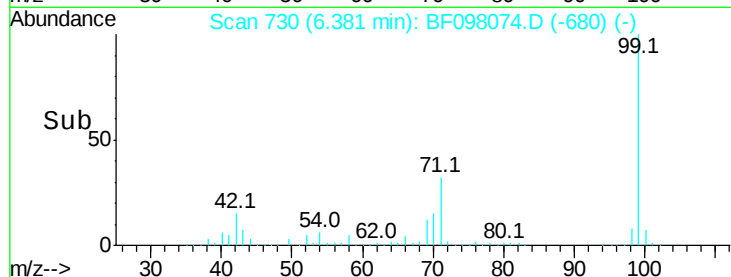
99 100

42 15.0 13.5 20.3

71 31.9 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: 14.354 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Tgt Ion: 70 Resp: 99132

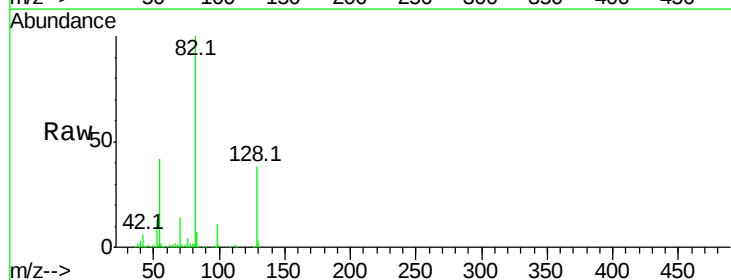
Ion Ratio Lower Upper

70 100

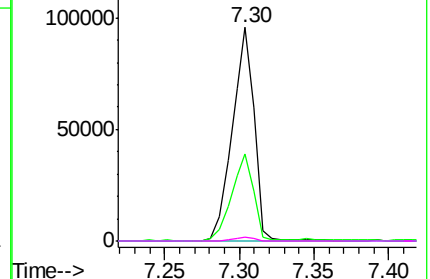
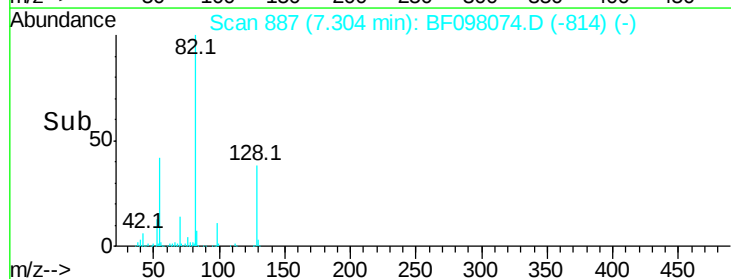
42 41.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 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

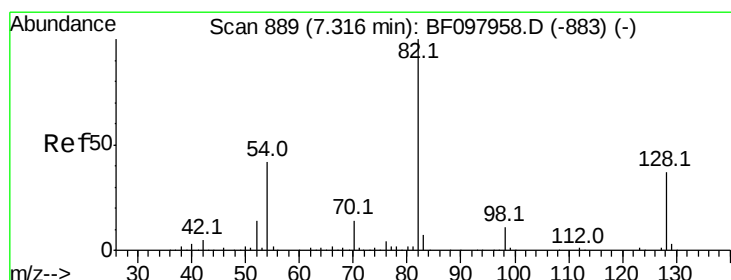
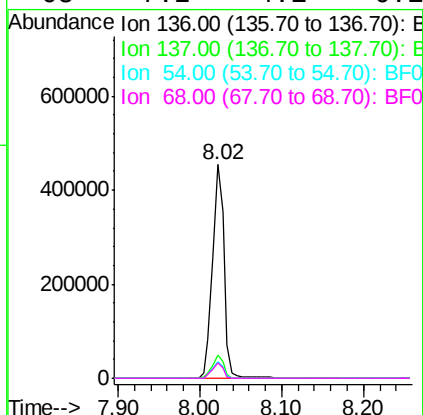
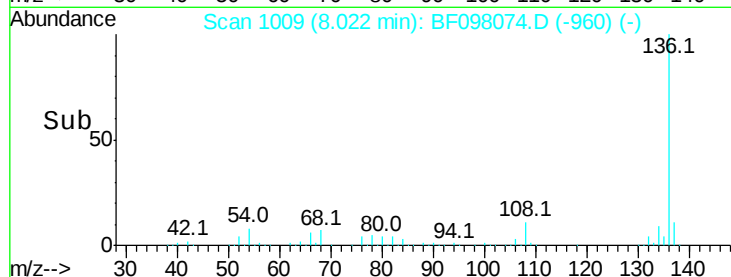
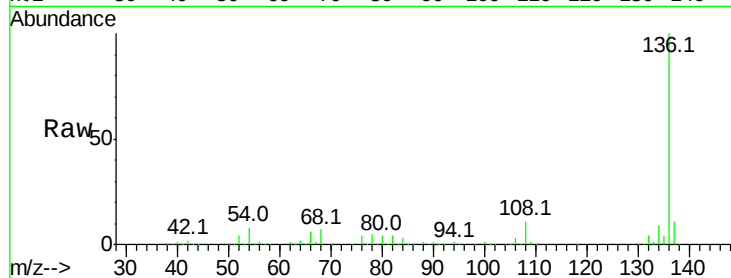




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098074.D
Acq: 28 Aug 2017 19:00

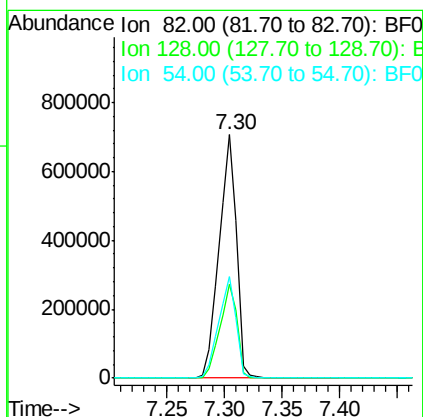
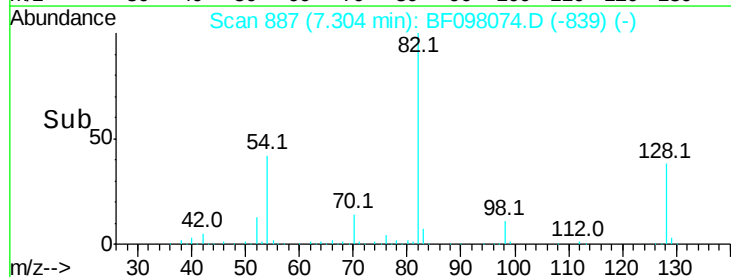
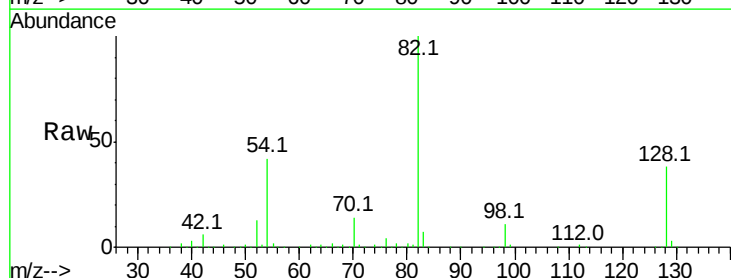
Instrument :
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PB101862TB

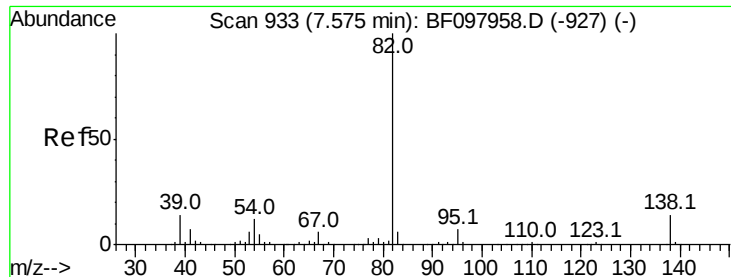
Tot Ion:136 Resp: 447429
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.7 4.9 7.3#
68 7.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 89.762 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098074.D
Acq: 28 Aug 2017 19:00

Tgt Ion: 82 Resp: 739299
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 41.8 42.2 63.2#





#25

Isophorone

Concen: 42.721 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Instrument :

BNA_F

ClientSampleId :

PB101862TB

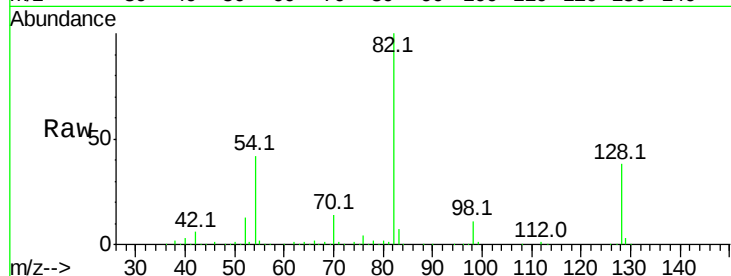
Tot Ion: 82 Resp: 731649

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

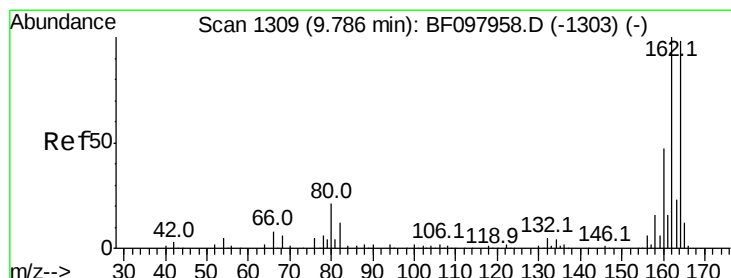
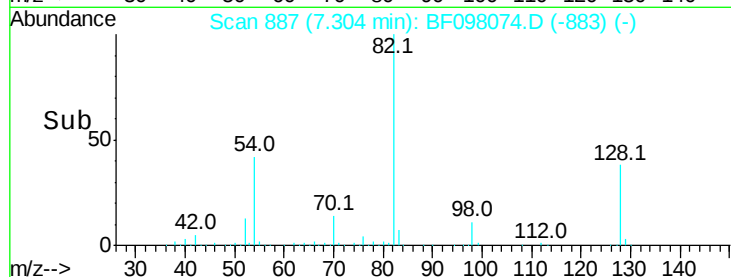
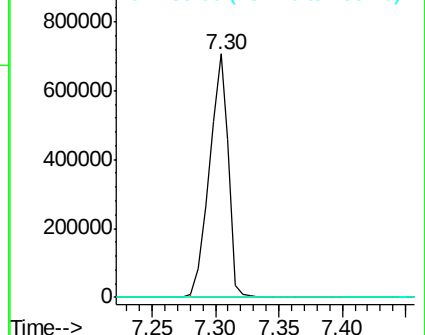
138 0.0 13.1 19.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

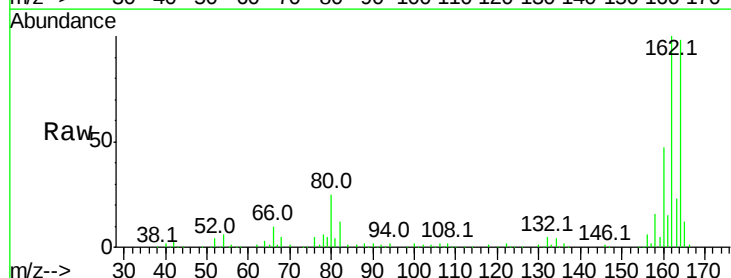
Tgt Ion:164 Resp: 198856

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

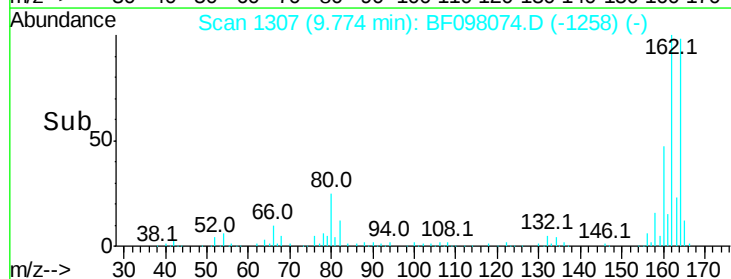
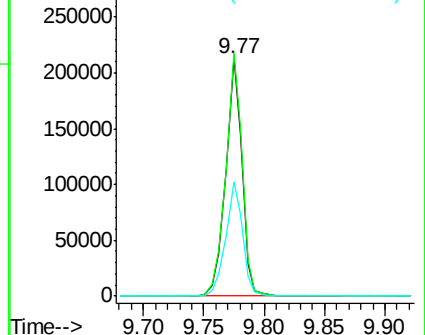
160 47.9 36.2 54.2



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

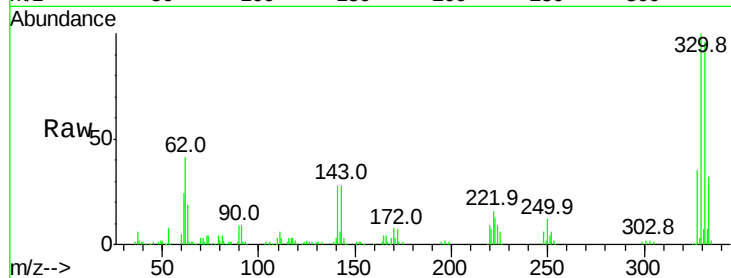




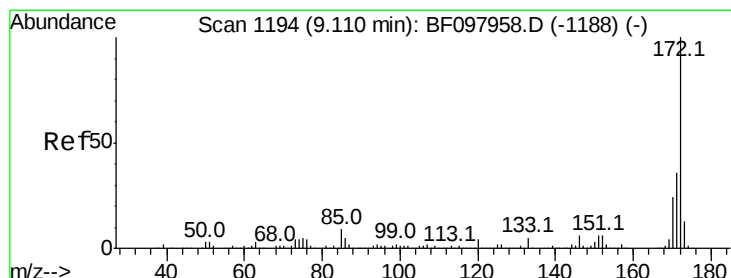
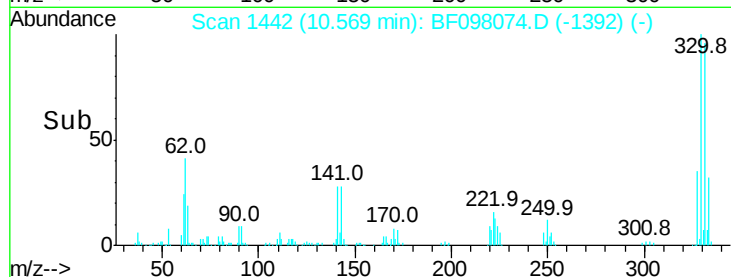
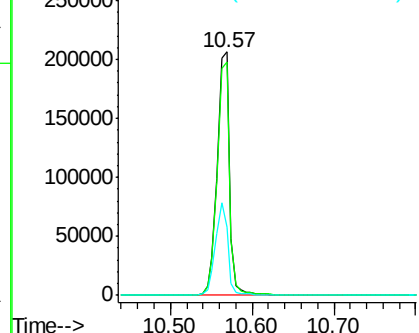
#41
 2,4,6-Tribromophenol
 Concen: 127.627 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	37.5	31.4	47.2

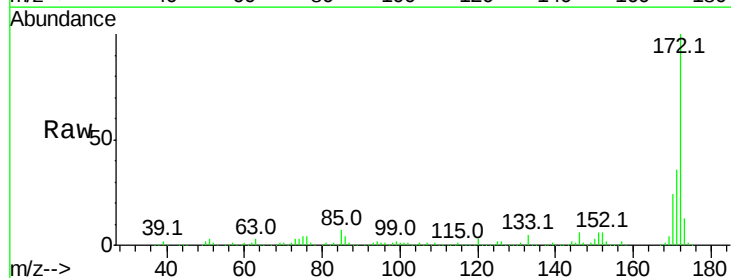


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

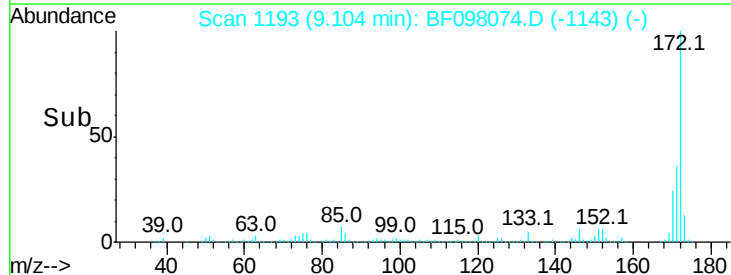
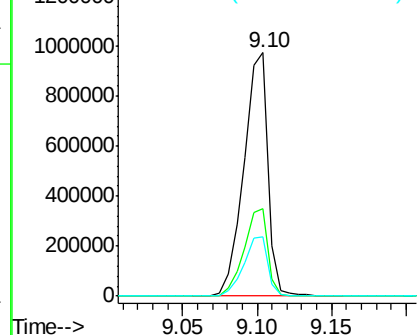


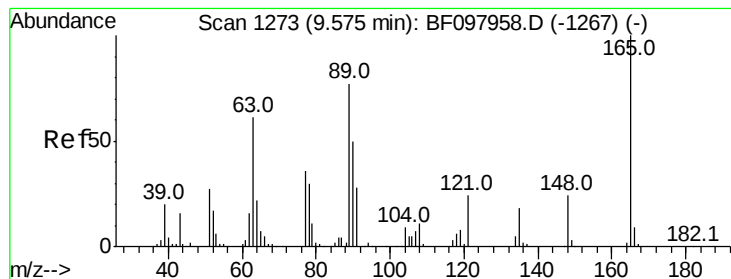
#44
 2-Fluorobiphenyl
 Concen: 80.827 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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





#50

2,6-Dinitrotoluene

Concen: 8.514 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.20 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Instrument :

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ClientSampleId :

PB101862TB

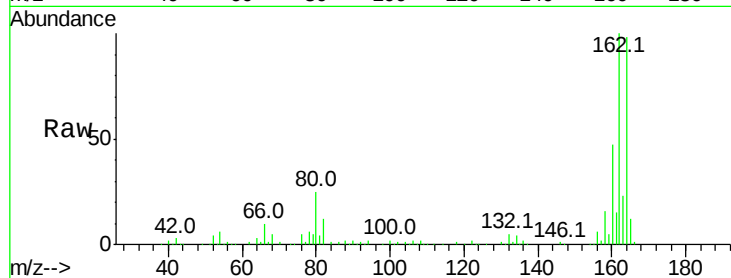
Tot Ion:165 Resp: 24702

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

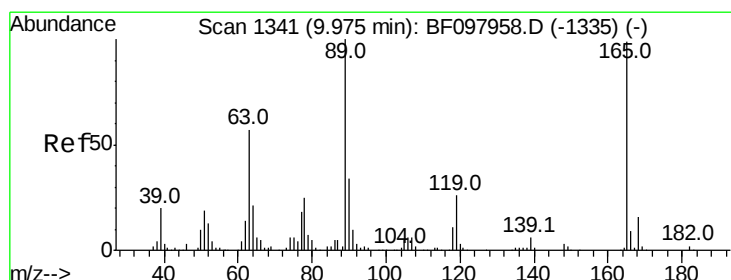
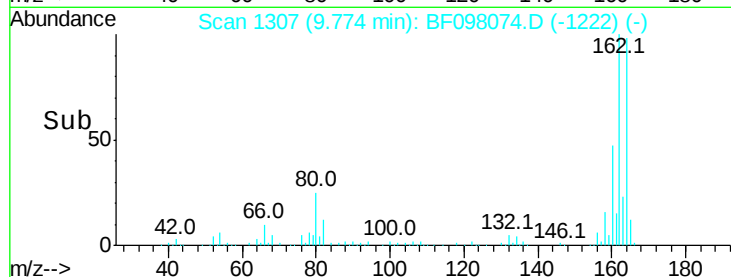
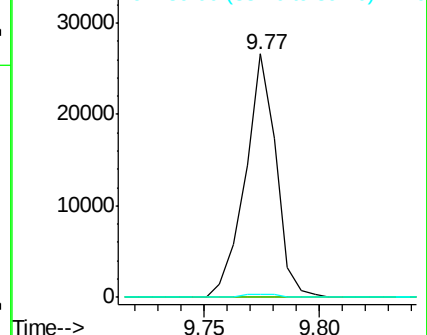
89 1.2 37.1 55.7#



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: 6.784 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Tgt Ion:165 Resp: 24702

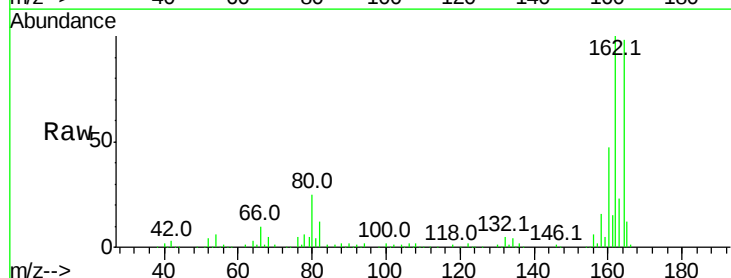
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

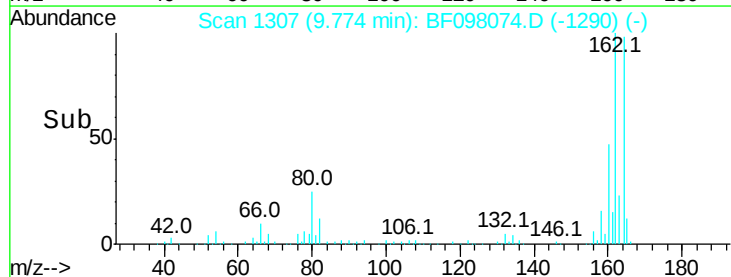
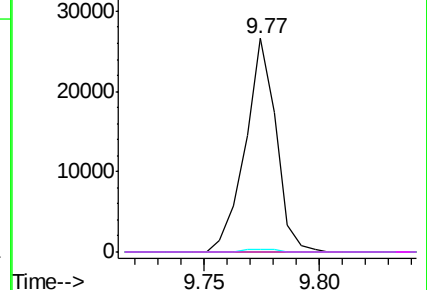


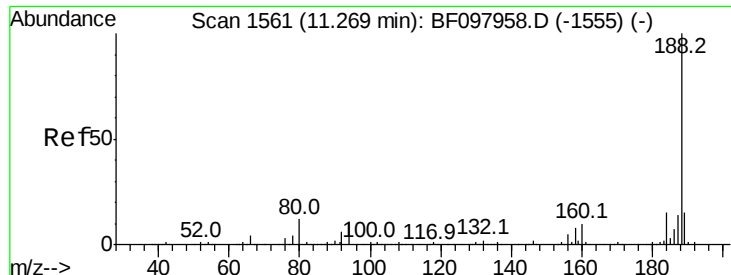
Abundance Ion 165.00 (164.70 to 165.70): E

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

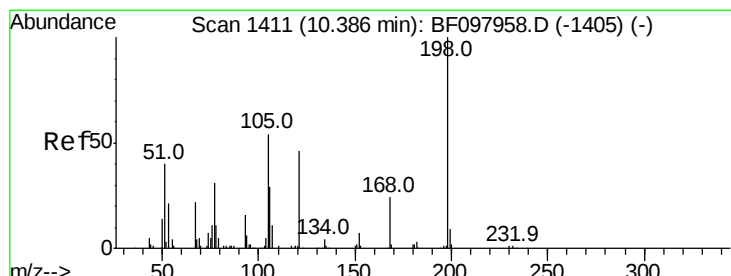
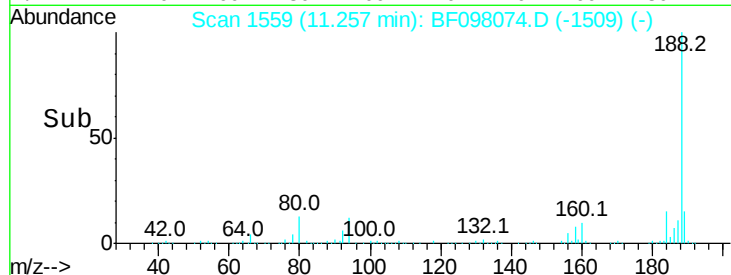
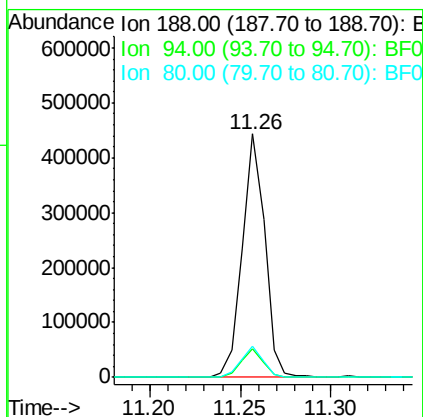
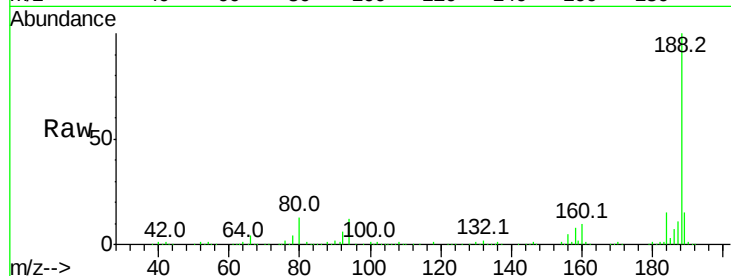




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

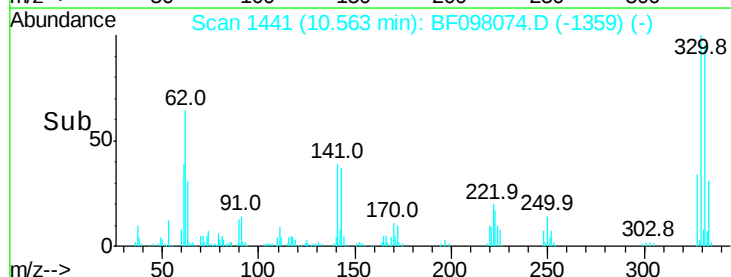
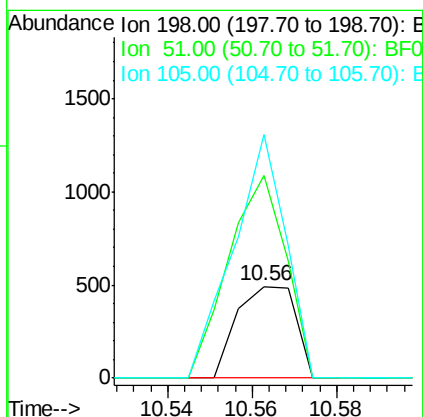
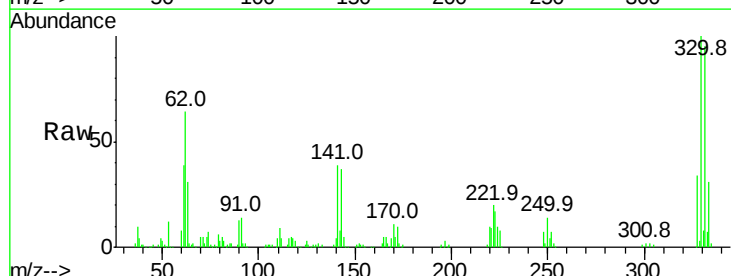
Instrument :
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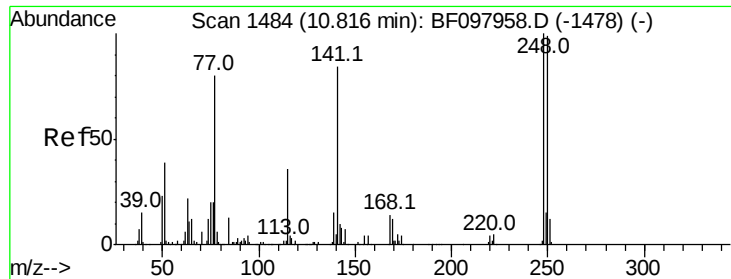
Tot Ion:188 Resp: 384988
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.537 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion:198 Resp: 475
 Ion Ratio Lower Upper
 198 100
 51 222.2 53.2 93.2#
 105 266.2 45.8 85.8#

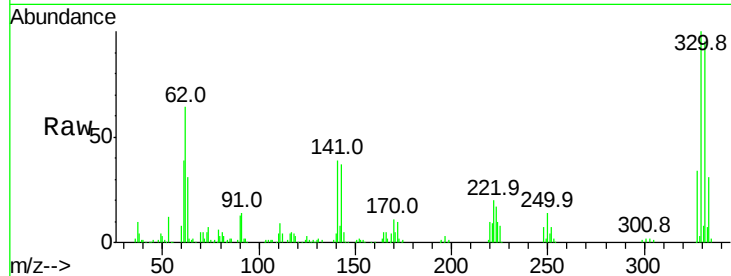




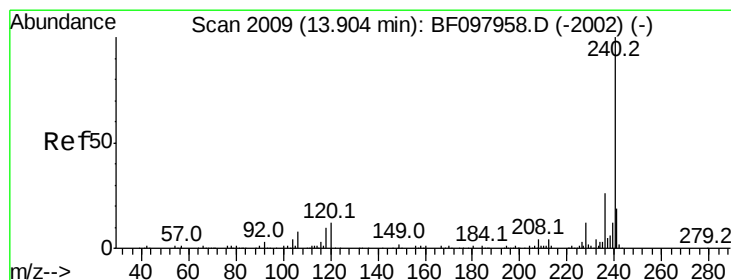
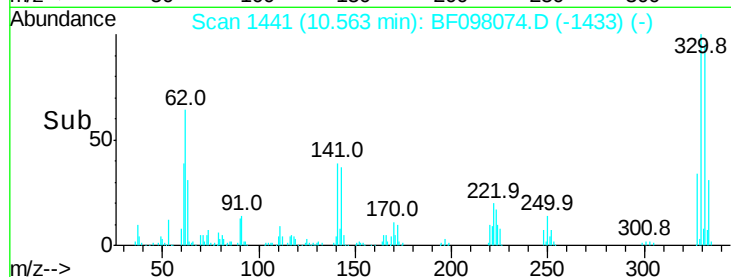
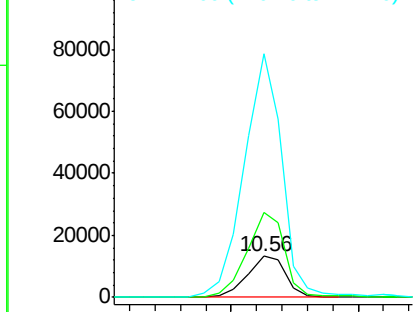
#66
 4-Bromophenyl-phenylether
 Concen: 3.490 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Tot Ion:248 Resp: 13954
 Ion Ratio Lower Upper
 248 100
 250 206.7 76.8 115.2#
 141 594.6 68.6 103.0#

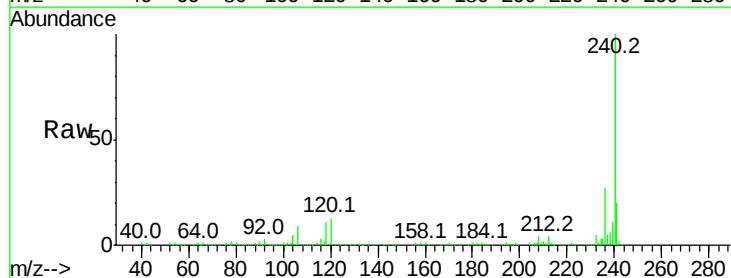


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

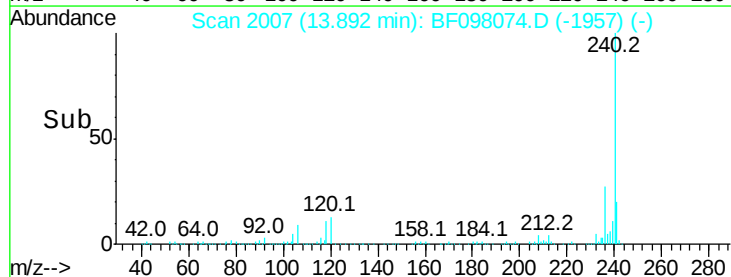
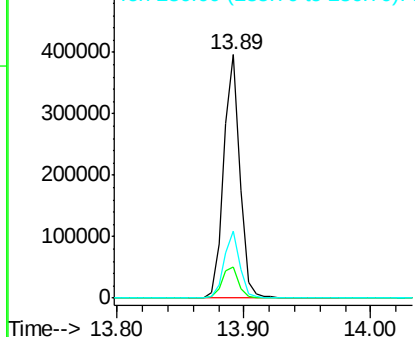


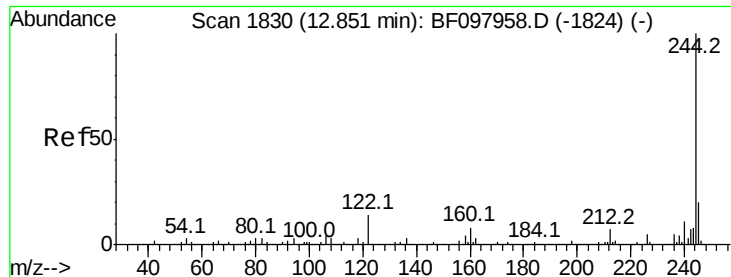
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion:240 Resp: 352222
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 27.3 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

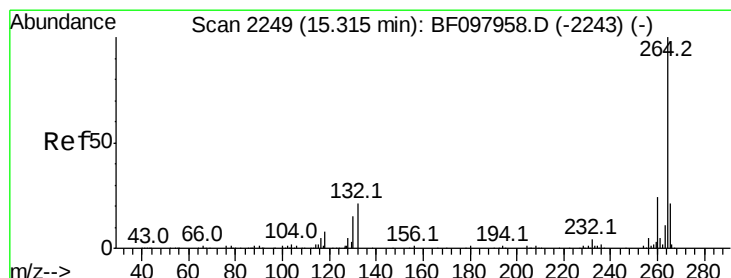
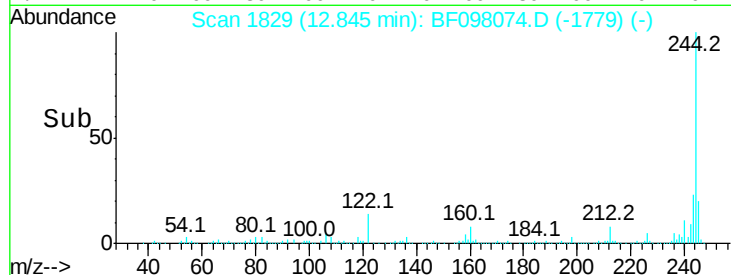
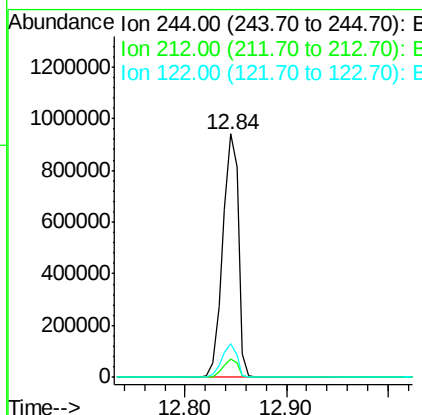
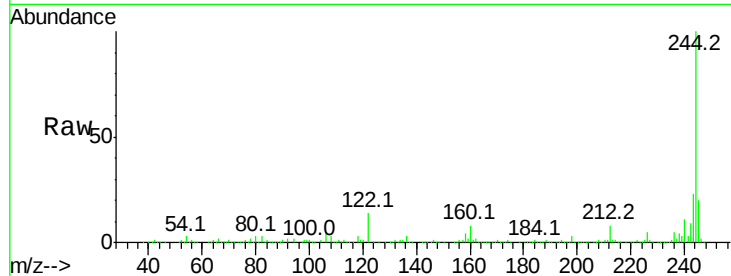




#78
 Terphenyl-d14
 Concen: 59.606 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Tot Ion:244 Resp: 1006764
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion:264 Resp: 297302
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.3 17.2 25.8

