

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098079.D
 Acq On : 28 Aug 2017 21:19
 Operator : SJ/JU
 Sample : I4923-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

Quant Time: Aug 29 07:51:55 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

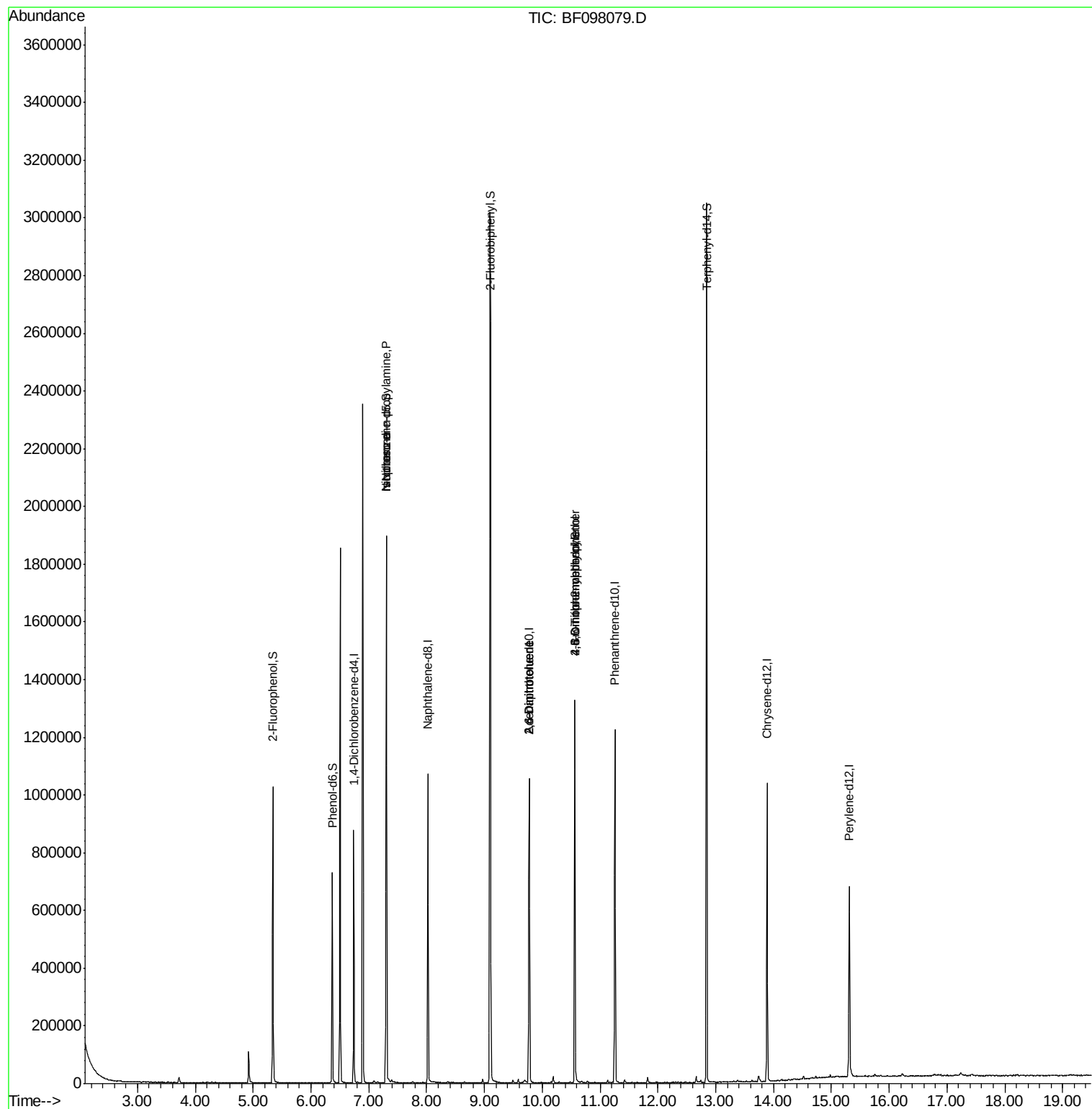
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114408	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	455042	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	202660	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	394682	20.00	ng	0.00
75) Chrysene-d12	13.89	240	366810	20.00	ng	0.00
86) Perylene-d12	15.31	264	309780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	278625	37.04	ng	-0.01
7) Phenol-d6	6.37	99	234098	22.91	ng	-0.02
23) Nitrobenzene-d5	7.30	82	707235	84.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	150318	85.49	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1072184	77.73	ng	-0.01
78) Terphenyl-d14	12.85	244	1015634	57.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	95333	13.627	ng	# 71
25) Isophorone	7.30	82	699501	40.161	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	25534	8.635	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	25534	6.881	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	275	8.443	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	10061	2.455	ng	# 1

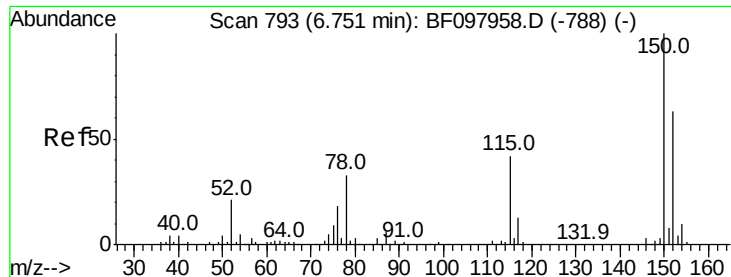
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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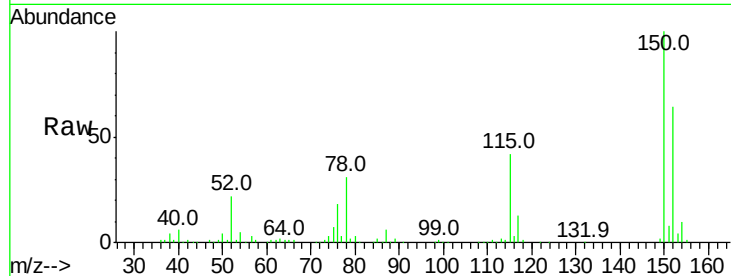


#1

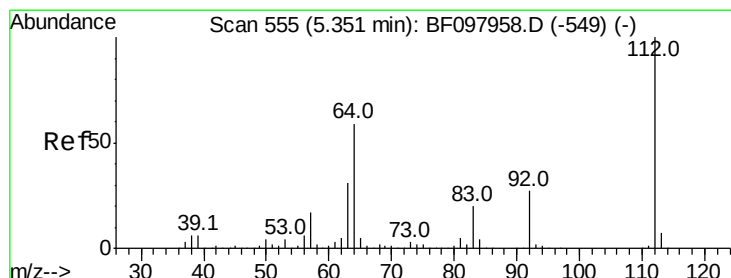
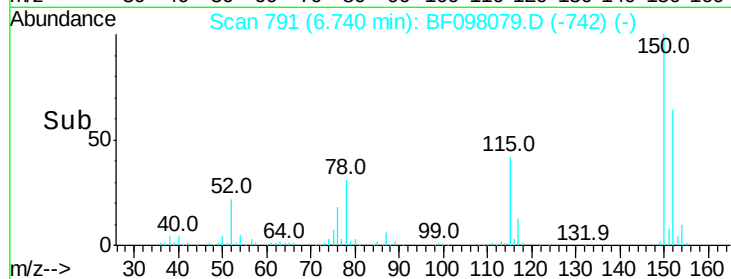
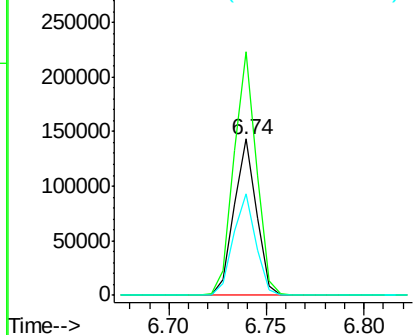
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098079.D
Acq: 28 Aug 2017 21:19

Instrument :
BNA_F
ClientSampleId :
SB01-GW

Tot Ion:152 Resp: 114408
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 65.3 52.2 78.2



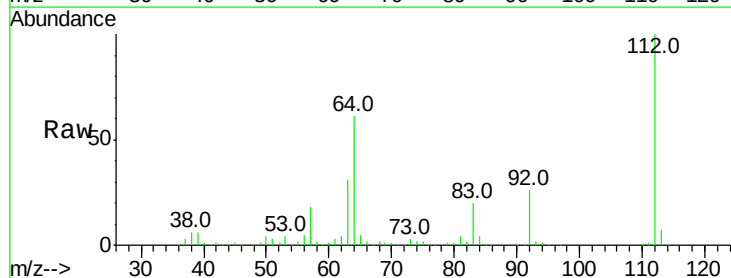
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



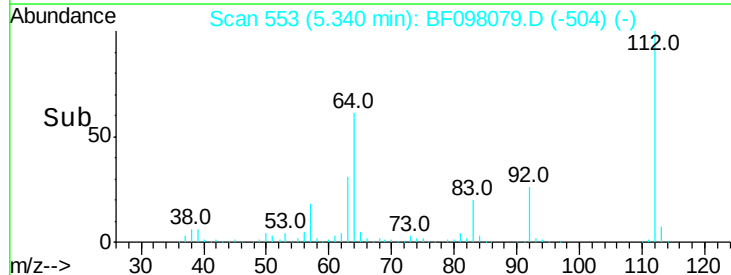
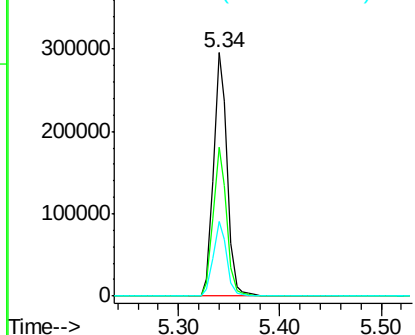
#5

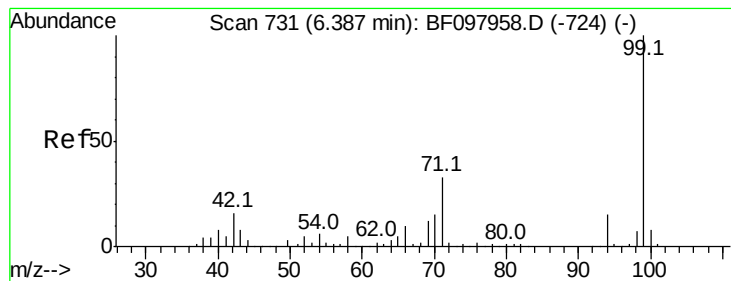
2-Fluorophenol
Concen: 37.044 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098079.D
Acq: 28 Aug 2017 21:19

Tgt Ion:112 Resp: 278625
Ion Ratio Lower Upper
112 100
64 60.9 46.0 69.0
63 30.6 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: 22.907 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

Instrument :

BNA_F

ClientSampleId :

SB01-GW

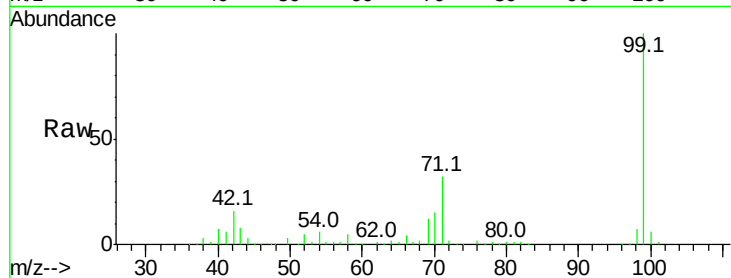
Tot Ion: 99 Resp: 234098

Ion Ratio Lower Upper

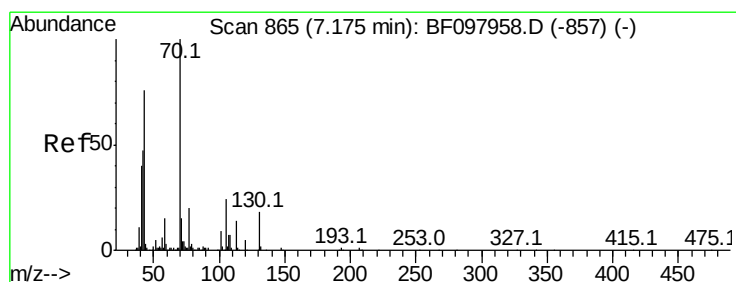
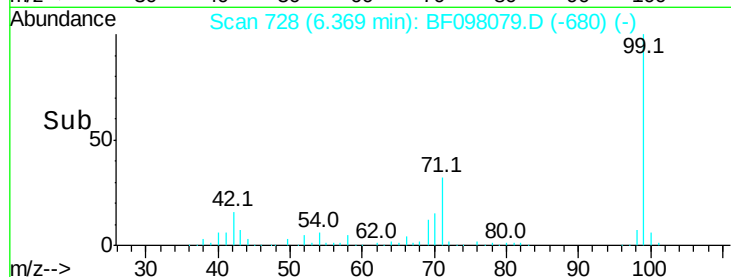
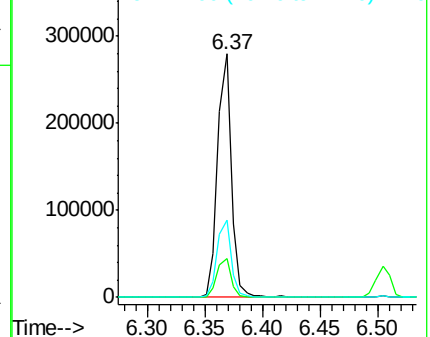
99 100

42 15.8 13.5 20.3

71 32.0 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: 13.627 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

Tgt Ion: 70 Resp: 95333

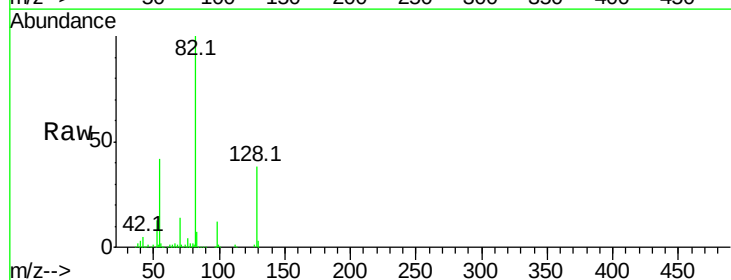
Ion Ratio Lower Upper

70 100

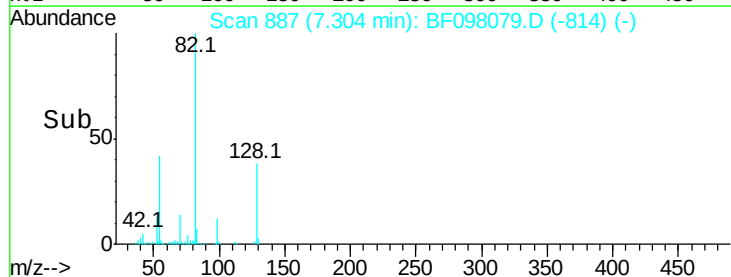
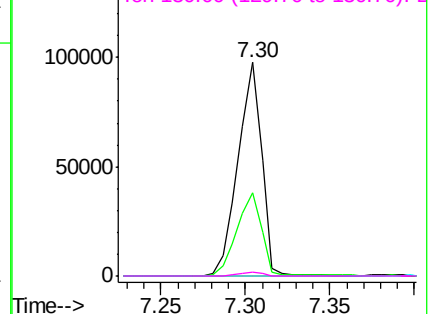
42 39.0 47.2 70.8#

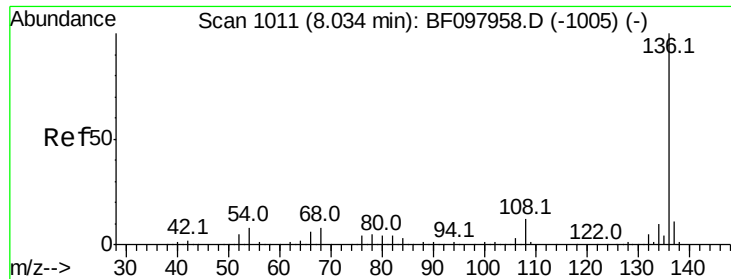
101 0.0 7.2 10.8#

130 1.7 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

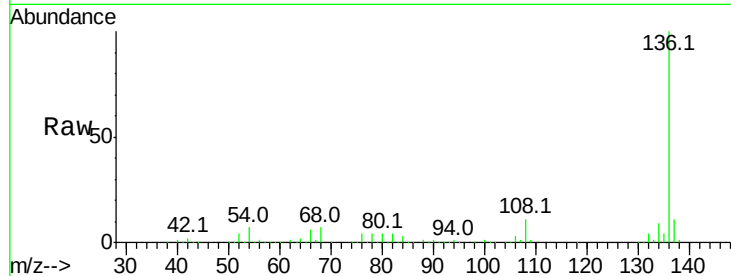




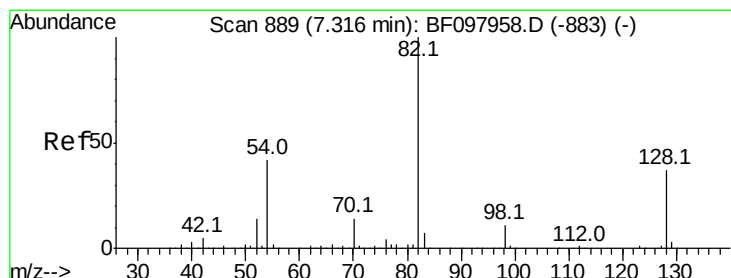
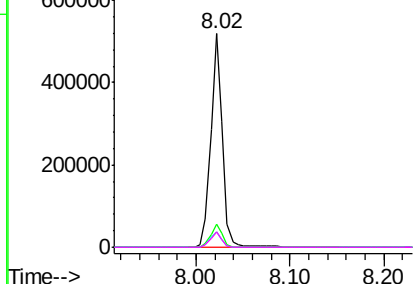
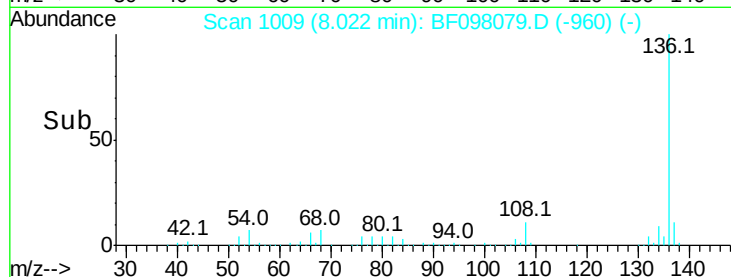
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098079.D
Acq: 28 Aug 2017 21:19

Instrument :
BNA_F
ClientSampleId :
SB01-GW

Tot Ion:	136	Resp:	455042
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.4	4.9	7.3#
68	6.9	4.1	6.1#

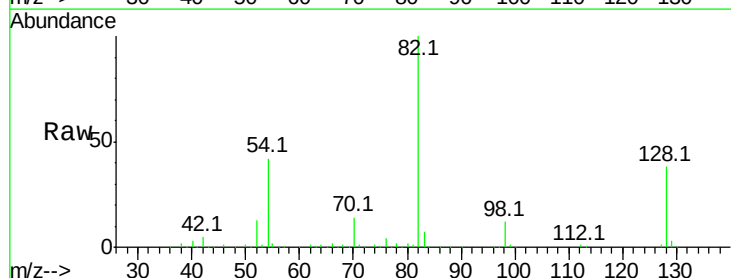


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

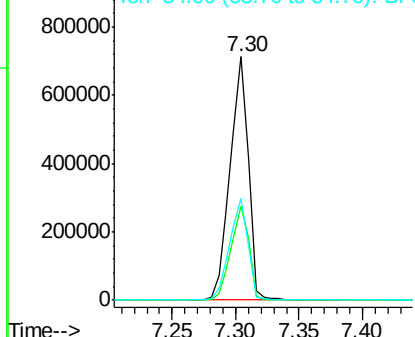
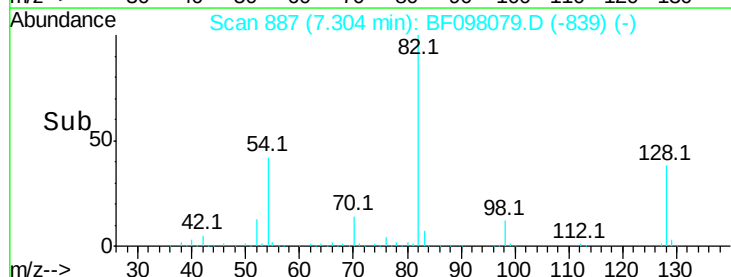


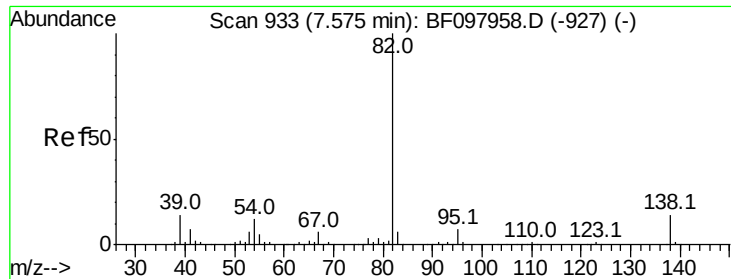
#23
Nitrobenzene-d5
Concen: 84.432 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098079.D
Acq: 28 Aug 2017 21:19

Tgt Ion:	82	Resp:	707235
Ion Ratio	Lower	Upper	
82	100		
128	38.4	34.0	51.0
54	41.7	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: 40.161 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

Instrument :

BNA_F

ClientSampleId :

SB01-GW

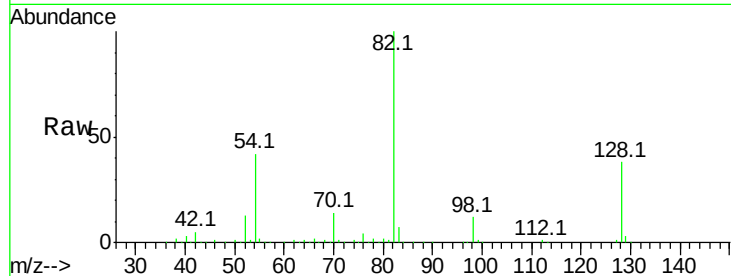
Tot Ion: 82 Resp: 699501

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

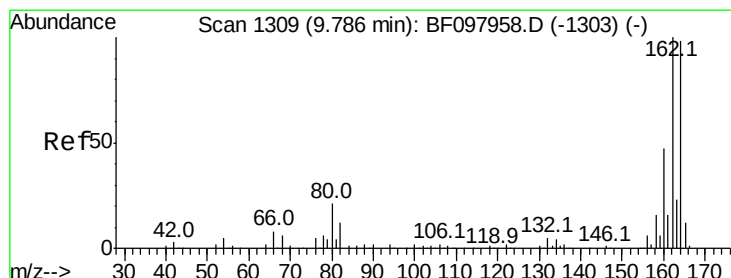
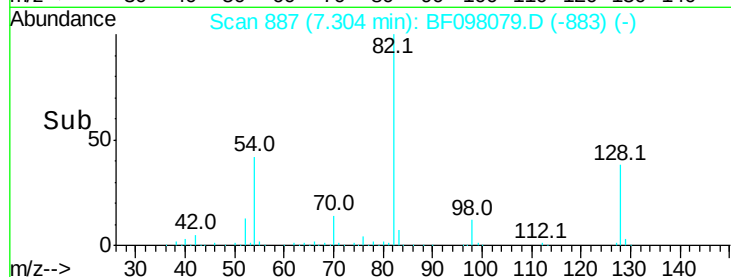
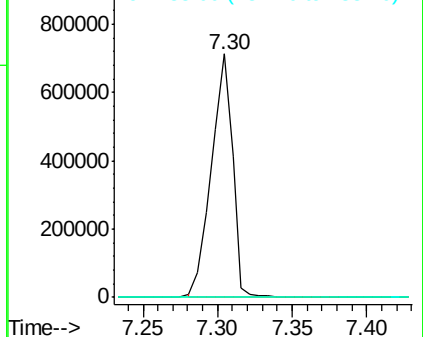
138 0.0 13.1 19.7#



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: BF098079.D

Acq: 28 Aug 2017 21:19

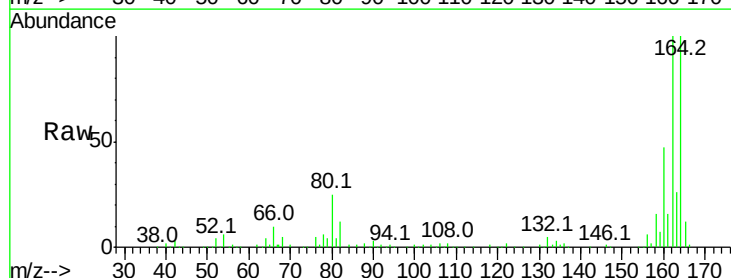
Tgt Ion: 164 Resp: 202660

Ion Ratio Lower Upper

164 100

162 99.5 82.6 123.8

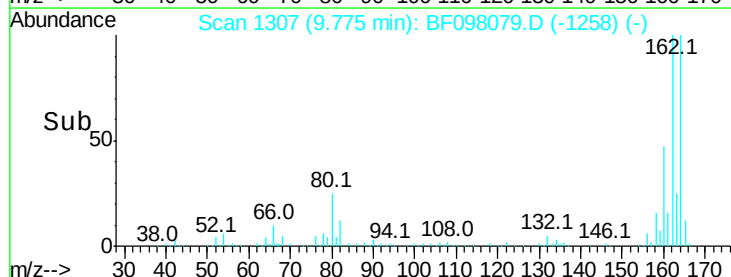
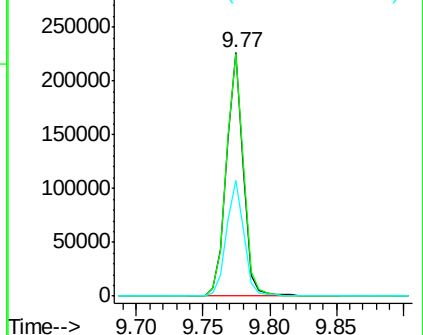
160 47.3 36.2 54.2

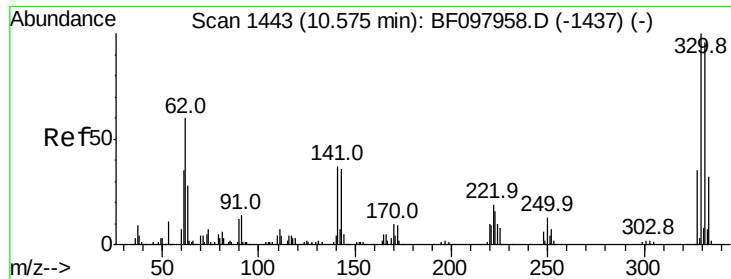


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

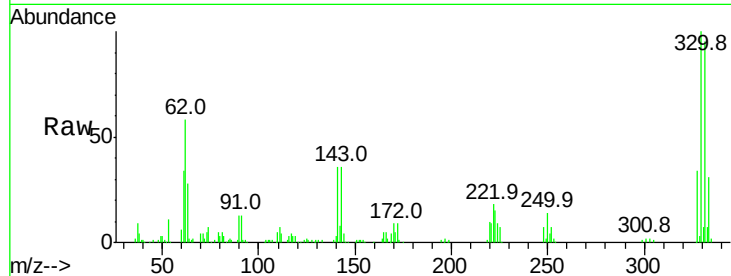




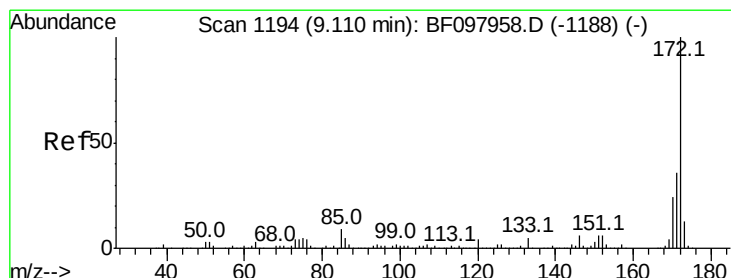
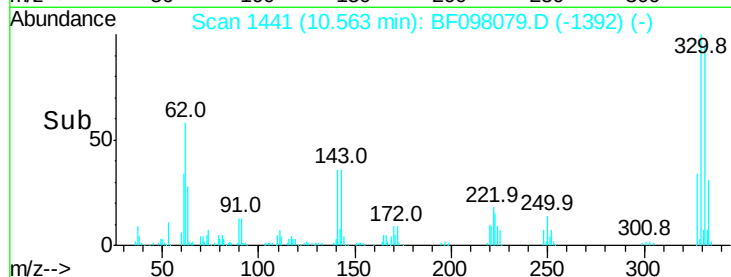
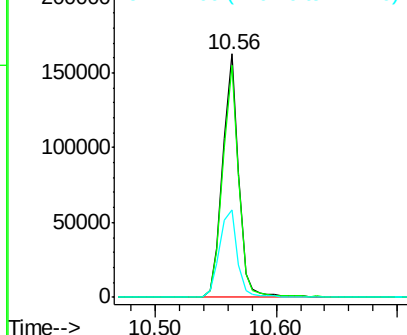
#41
 2,4,6-Tribromophenol
 Concen: 85.485 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Instrument :
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 ClientSampleId :
 SB01-GW

Tot Ion:330 Resp: 150318
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 40.3 31.4 47.2

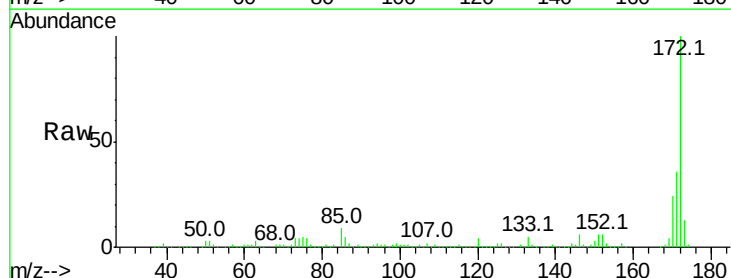


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

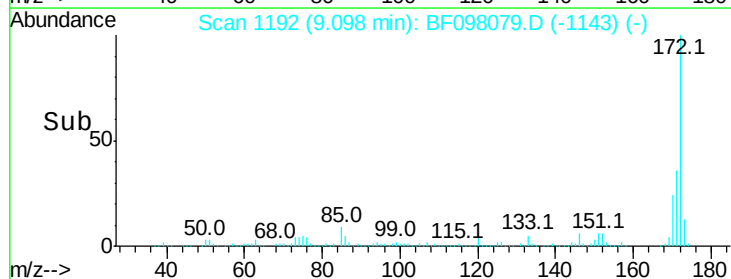
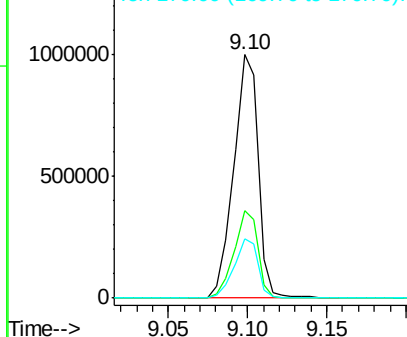


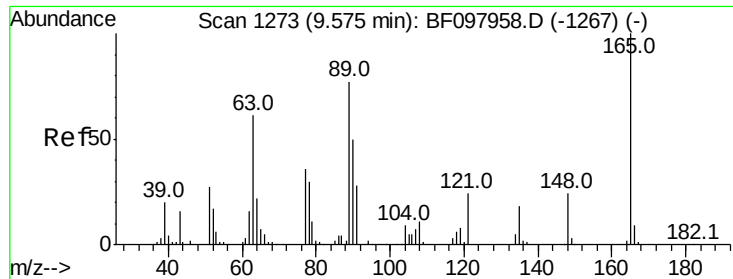
#44
 2-Fluorobiphenyl
 Concen: 77.729 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt Ion:172 Resp: 1072184
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 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

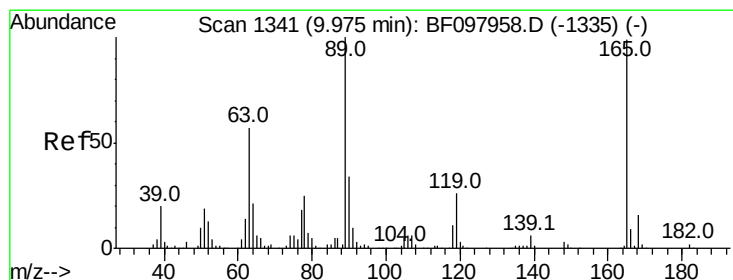
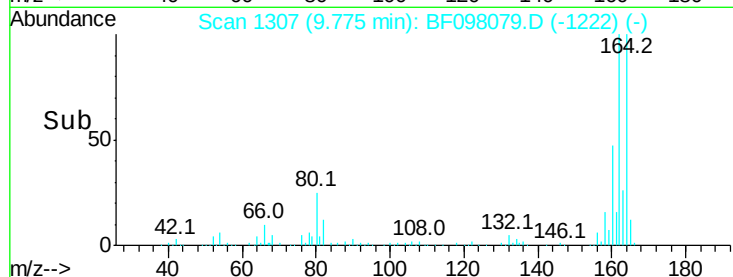
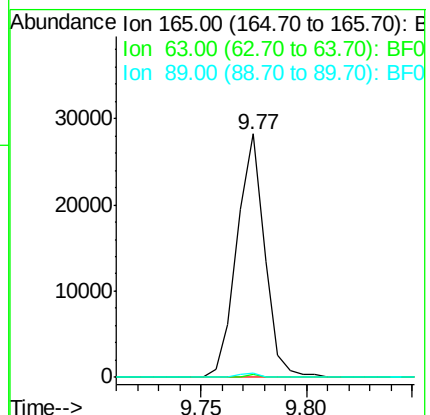
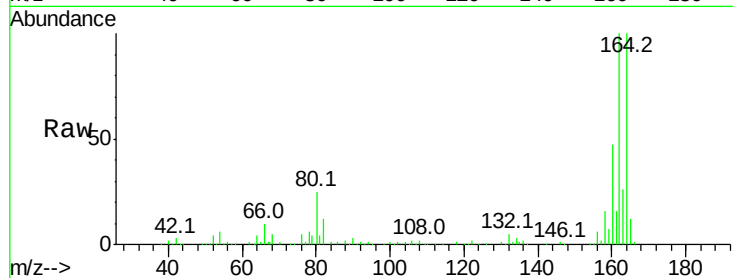




#50
 2,6-Dinitrotoluene
 Concen: 8.635 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

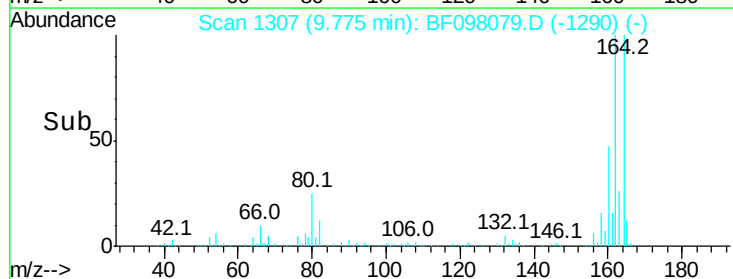
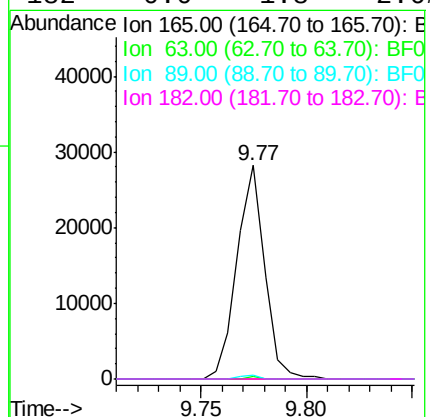
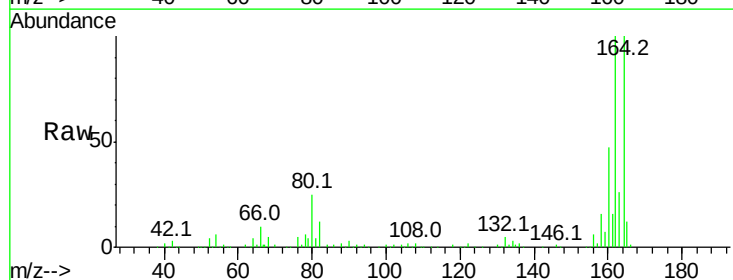
Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

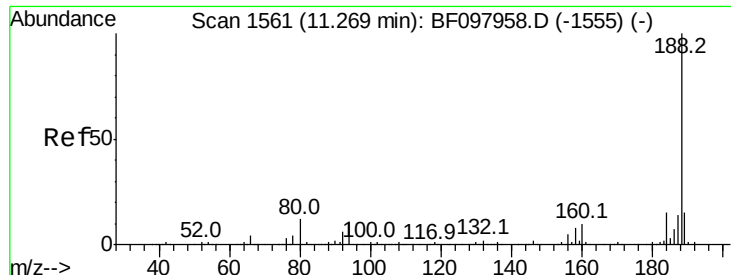
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	2.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.881 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt 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#

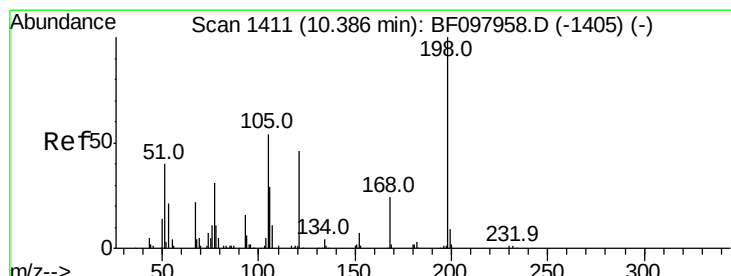
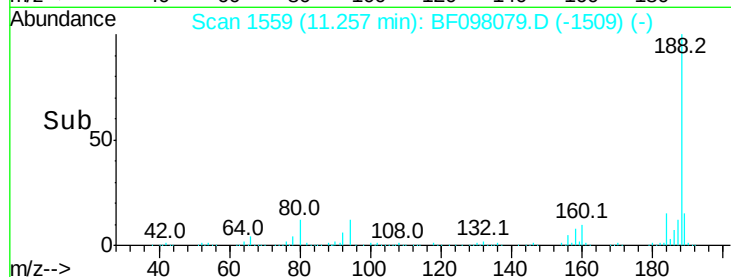
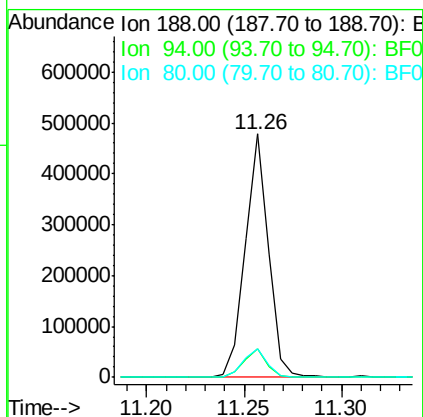
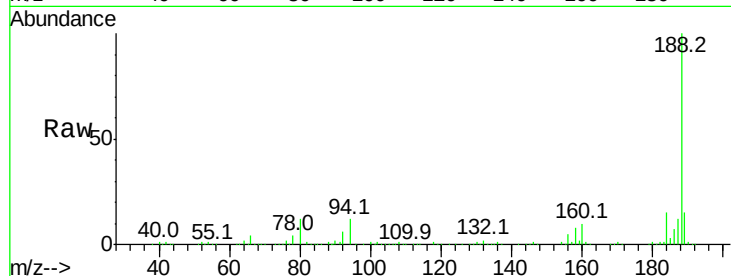




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

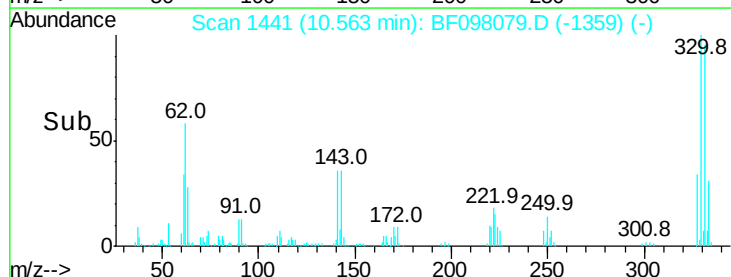
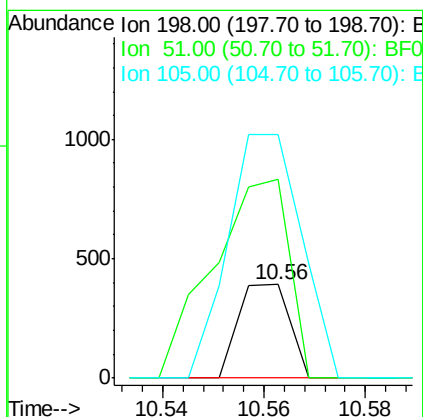
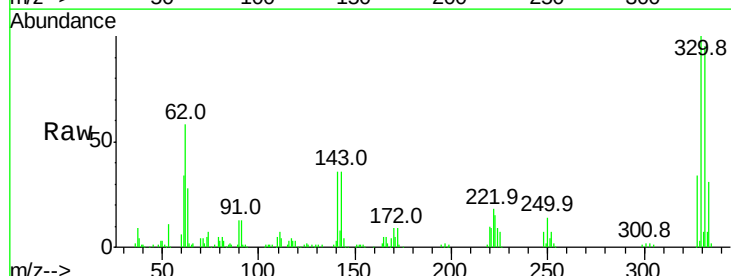
Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

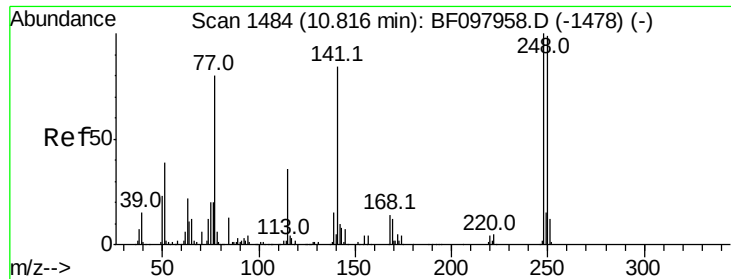
Tot Ion:188 Resp: 394682
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 11.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.443 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt Ion:198 Resp: 275
 Ion Ratio Lower Upper
 198 100
 51 213.0 53.2 93.2#
 105 260.9 45.8 85.8#

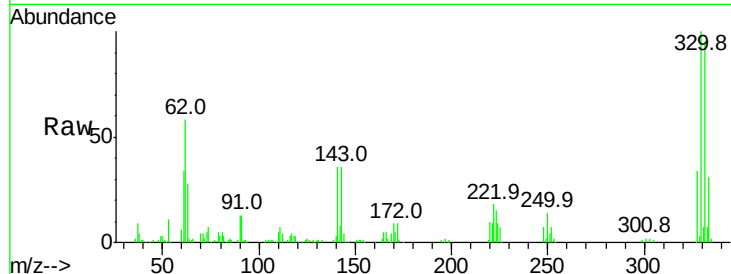




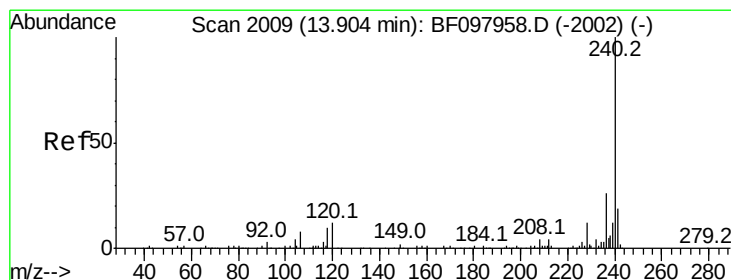
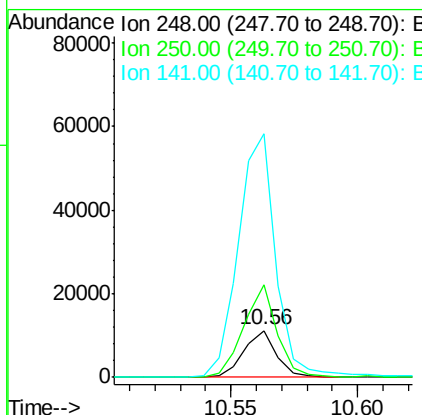
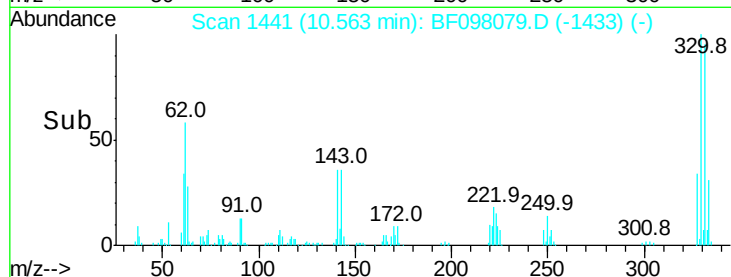
#66
 4-Bromophenyl-phenylether
 Concen: 2.455 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

Tot Ion:248 Resp: 10061
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.8 115.2#
 141 517.0 68.6 103.0#

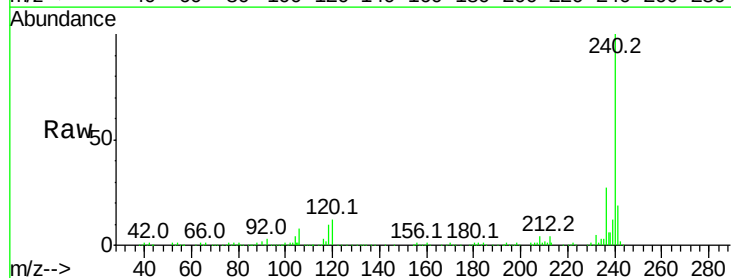


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

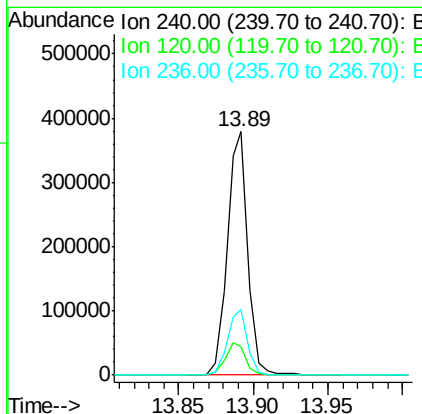
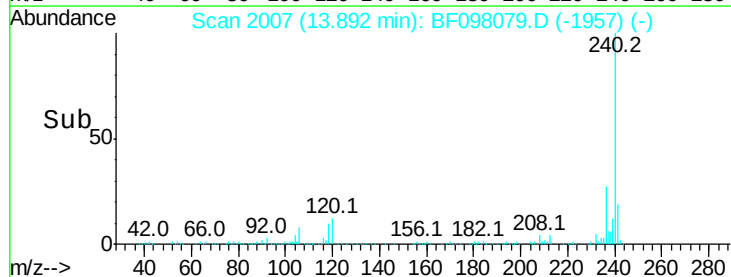


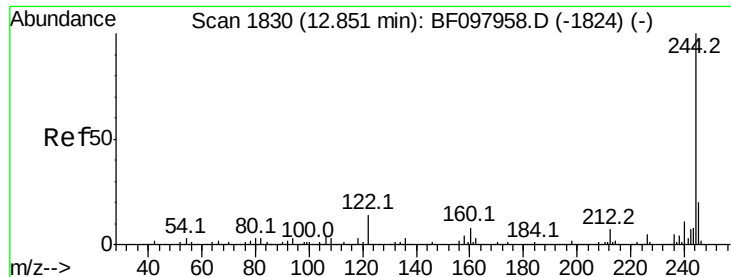
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt Ion:240 Resp: 366810
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.8 8.8#
 236 27.0 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

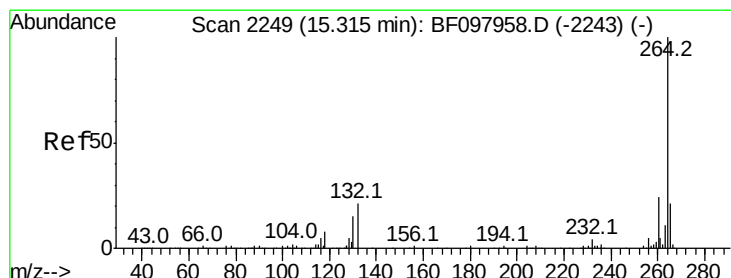
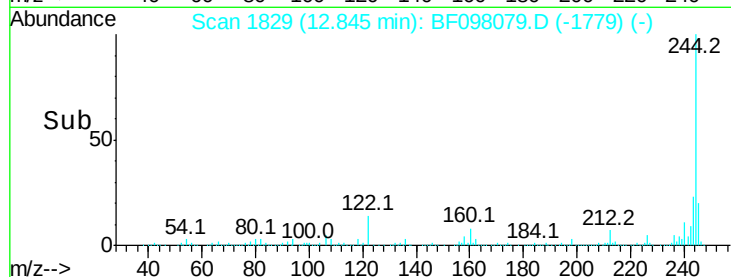
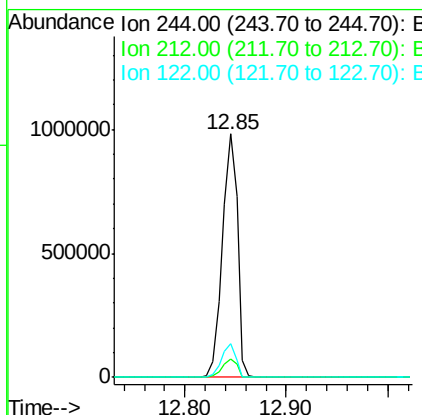
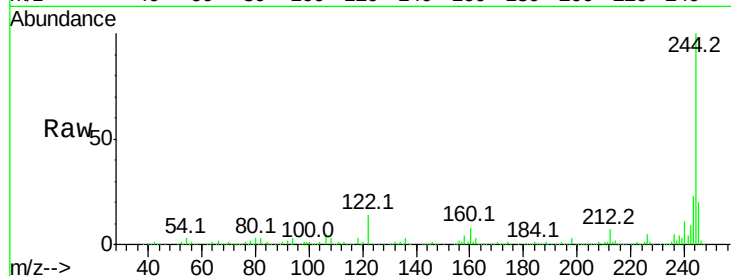




#78
 Terphenyl-d14
 Concen: 57.739 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

Tot Ion:244 Resp: 1015634
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt Ion:264 Resp: 309780
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.9 17.2 25.8

