

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098073.D
 Acq On : 28 Aug 2017 18:31
 Operator : SJ/JU
 Sample : PB101862BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

Quant Time: Aug 29 07:48:40 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

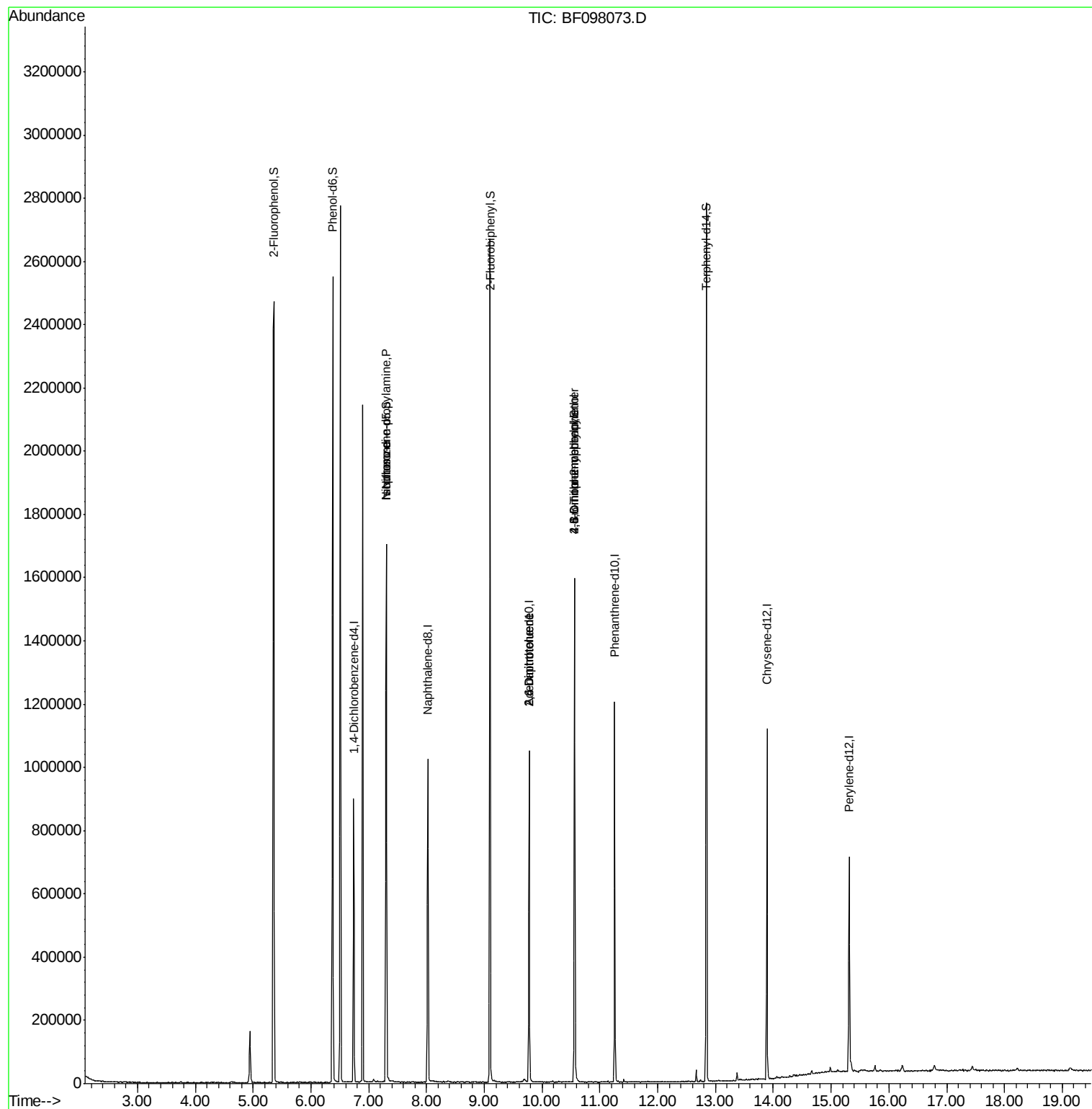
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114036	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	463540	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	202888	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	400180	20.00	ng	0.00
75) Chrysene-d12	13.89	240	363974	20.00	ng	0.00
86) Perylene-d12	15.32	264	309966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	764192	101.93	ng	0.00
7) Phenol-d6	6.38	99	1015605	99.70	ng	0.00
23) Nitrobenzene-d5	7.30	82	615165	72.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	186628	106.02	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	941810	68.20	ng	-0.01
78) Terphenyl-d14	12.84	244	856107	49.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	82995	11.902	ng	# 72
25) Isophorone	7.30	82	607875	34.261	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	25376	8.572	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	25376	6.831	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	389	8.491	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	12298	2.959	ng	# 1

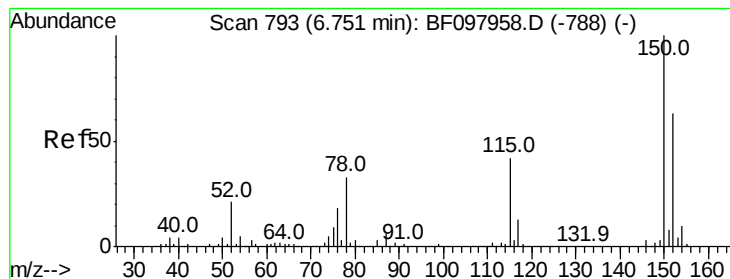
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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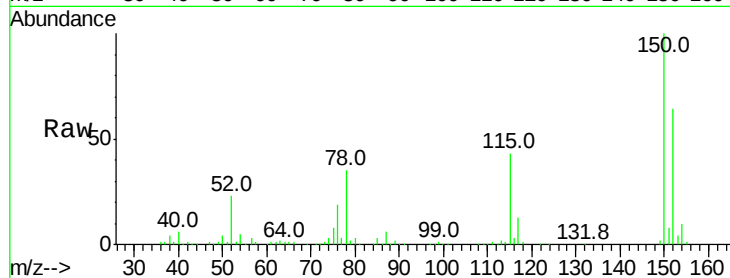


#1

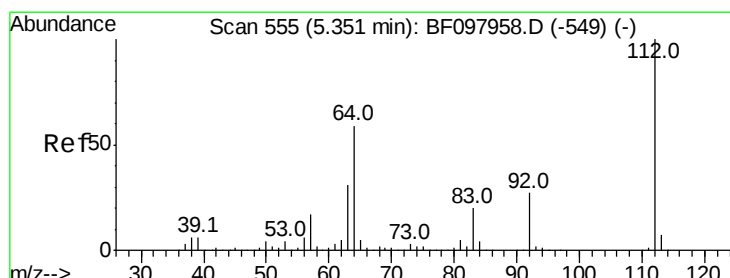
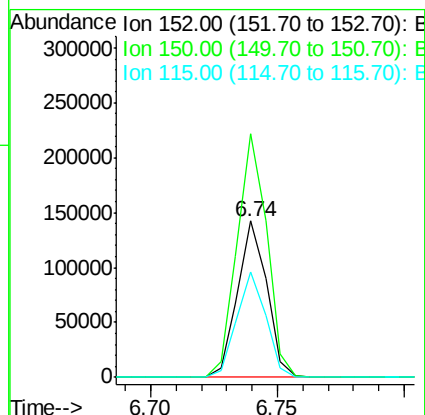
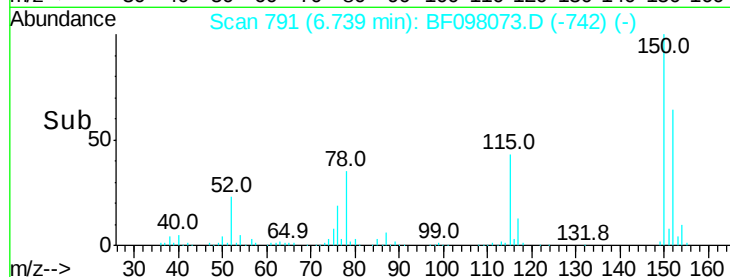
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB101862BL

Tot Ion:152 Resp: 114036
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 67.5 52.2 78.2



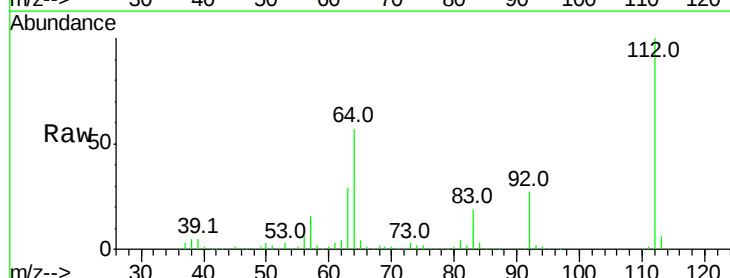
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



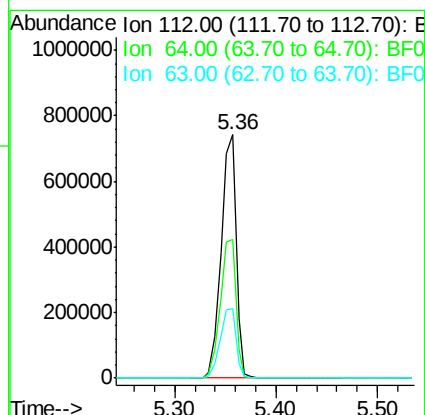
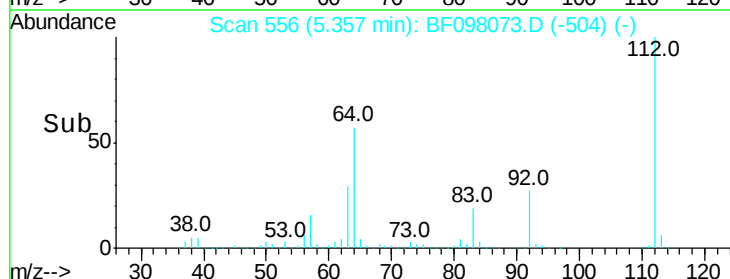
#5

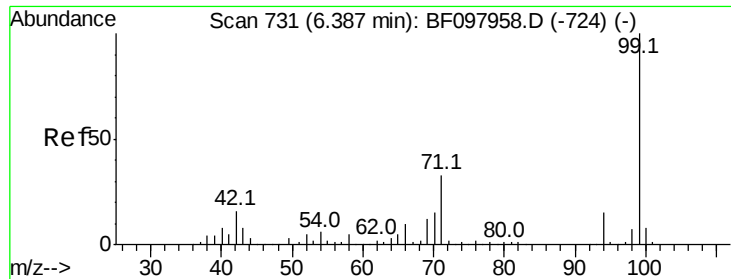
2-Fluorophenol
Concen: 101.932 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Tgt Ion:112 Resp: 764192
Ion Ratio Lower Upper
112 100
64 57.0 46.0 69.0
63 28.5 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: 99.702 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098073.D

Acq: 28 Aug 2017 18:31

Instrument :

BNA_F

ClientSampleId :

PB101862BL

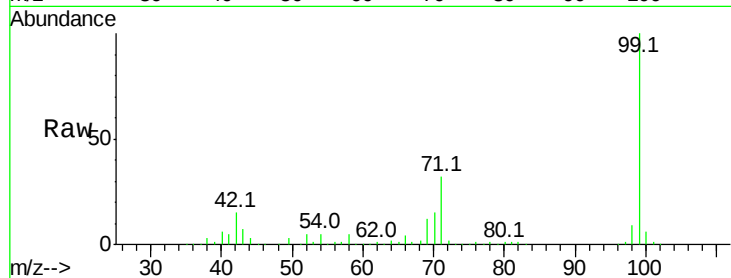
Tot Ion: 99 Resp: 1015605

Ion Ratio Lower Upper

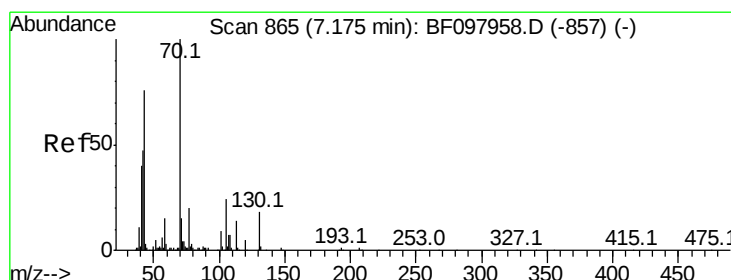
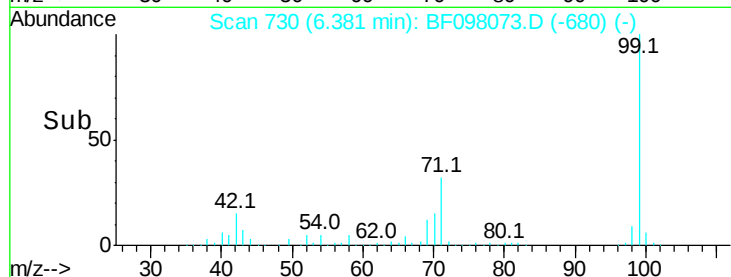
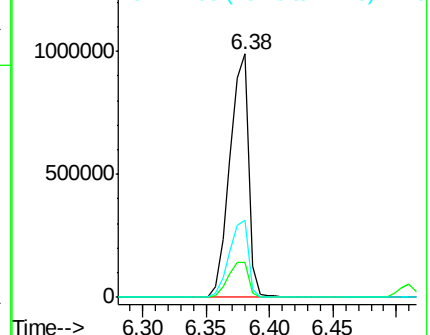
99 100

42 14.5 13.5 20.3

71 31.6 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: 11.902 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098073.D

Acq: 28 Aug 2017 18:31

Tgt Ion: 70 Resp: 82995

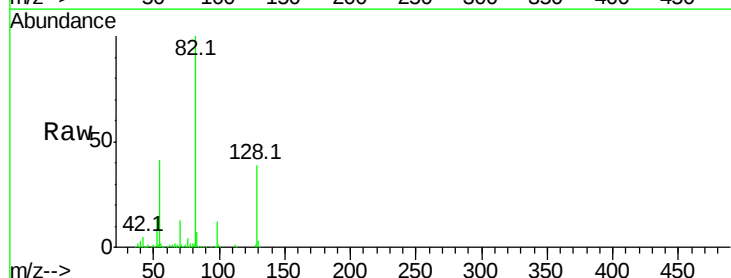
Ion Ratio Lower Upper

70 100

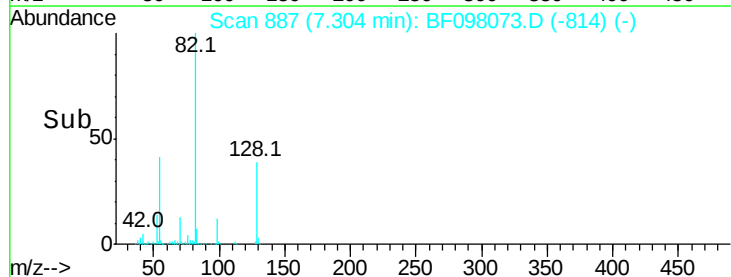
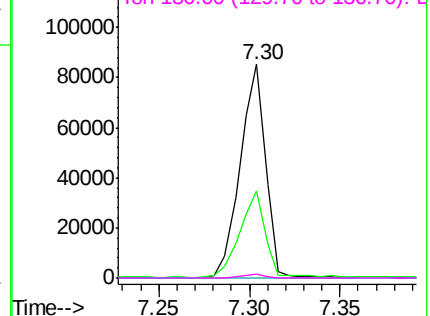
42 40.5 47.2 70.8#

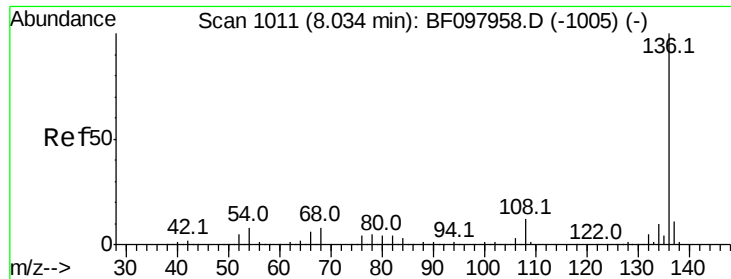
101 0.0 7.2 10.8#

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): BF0
Ion 130.00 (129.70 to 130.70): BF0

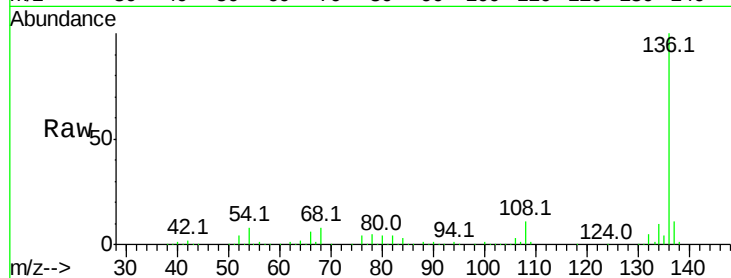




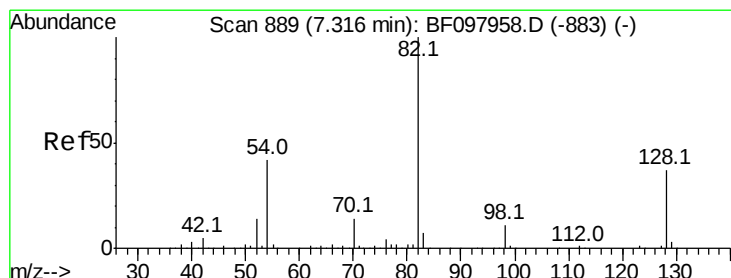
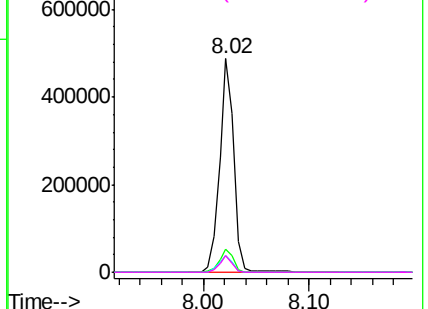
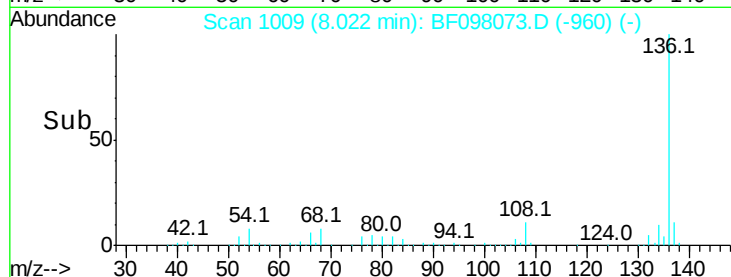
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB101862BL

Tot Ion:	136	Resp:	463540
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	7.6	4.1	6.1#

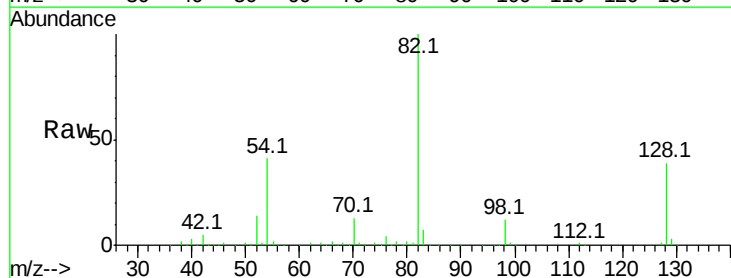


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

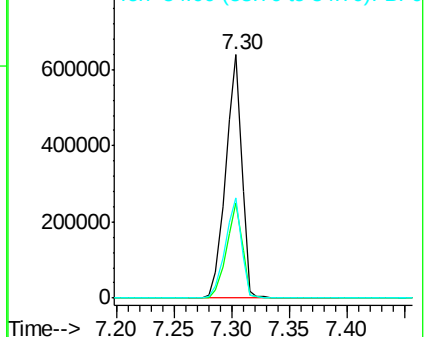
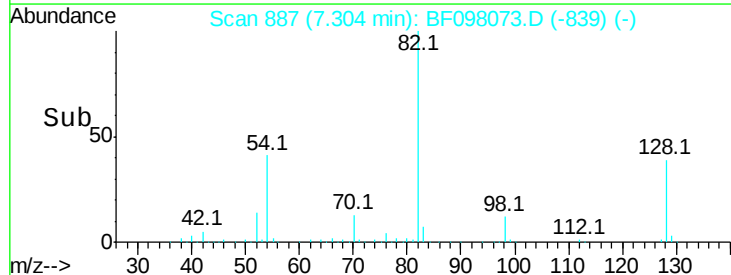


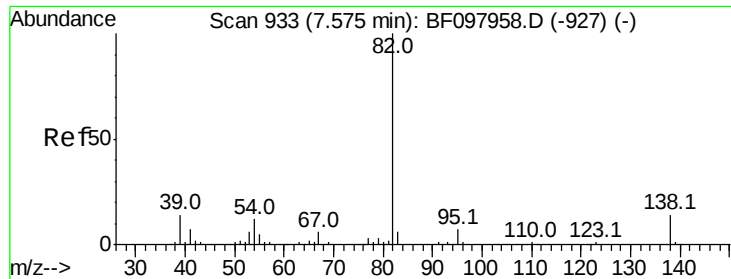
#23
Nitrobenzene-d5
Concen: 72.094 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Tgt Ion:	82	Resp:	615165
Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	41.2	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: 34.261 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098073.D

Acq: 28 Aug 2017 18:31

Instrument :

BNA_F

ClientSampleId :

PB101862BL

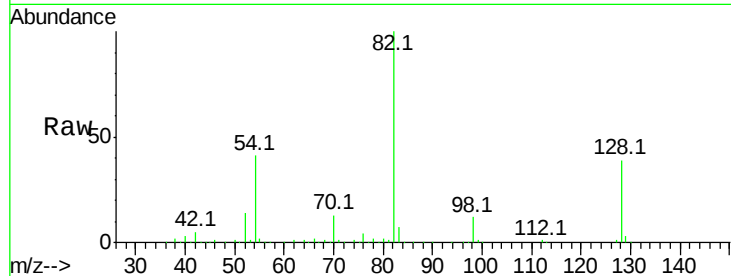
Tot Ion: 82 Resp: 607875

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

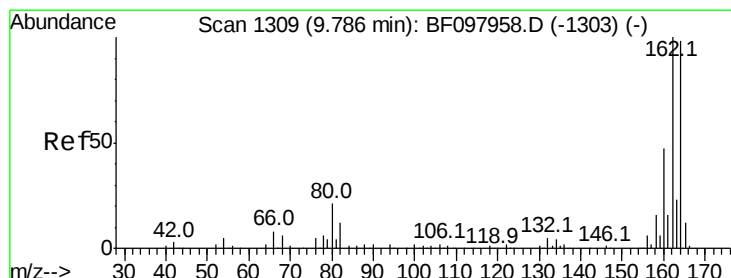
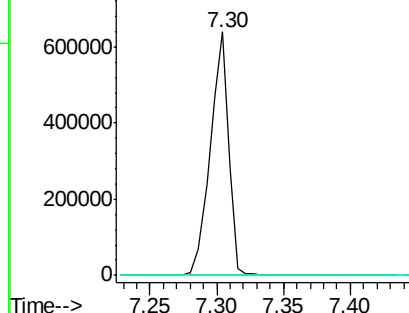
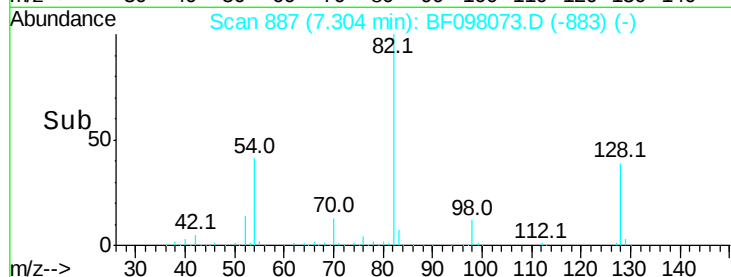
138 0.0 13.1 19.7#



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: BF098073.D

Acq: 28 Aug 2017 18:31

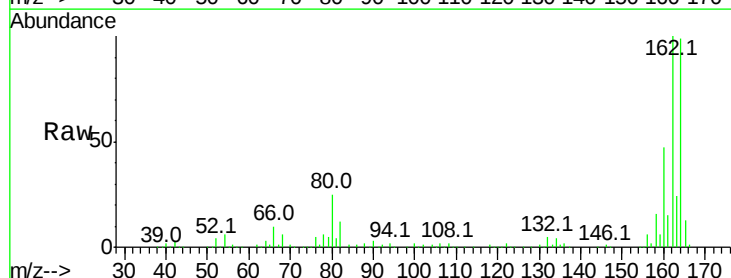
Tgt Ion:164 Resp: 202888

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

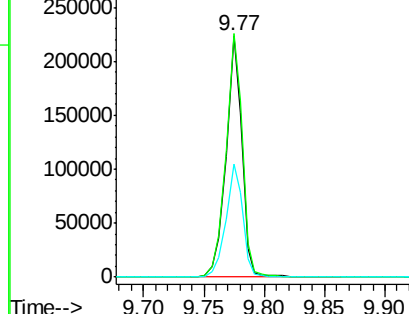
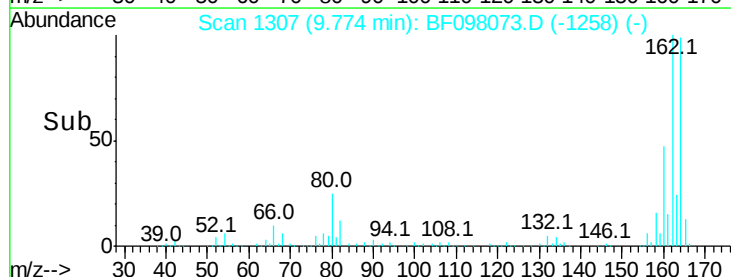
160 47.1 36.2 54.2

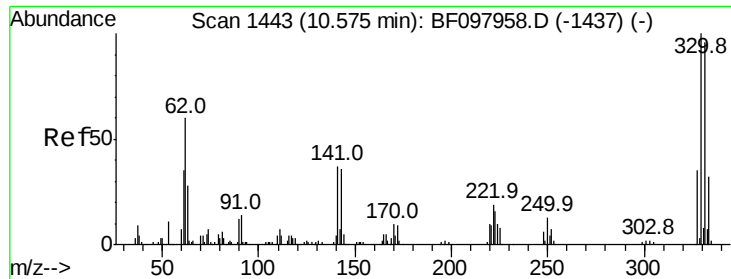


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

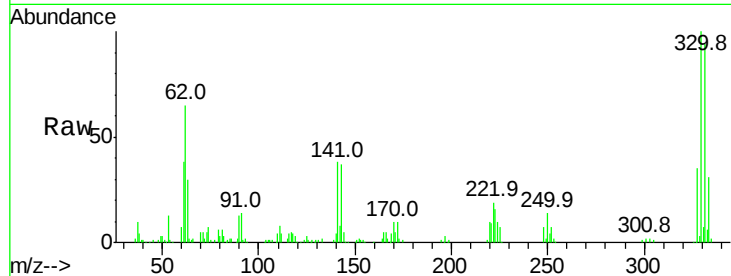




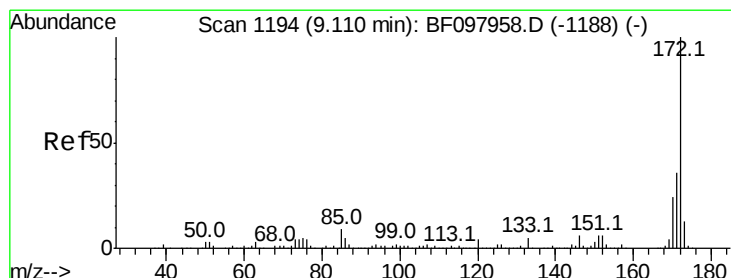
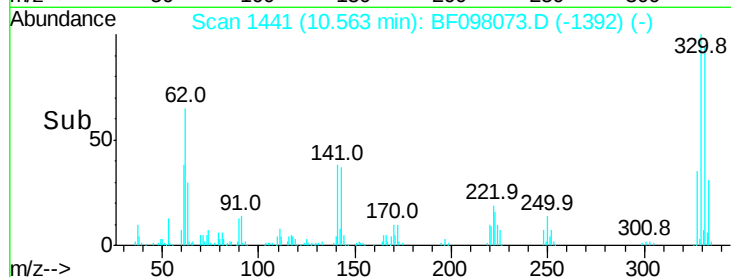
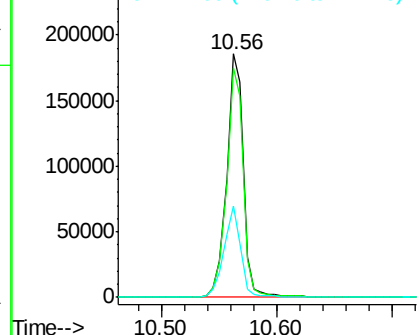
#41
 2,4,6-Tribromophenol
 Concen: 106.015 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	38.1	31.4	47.2

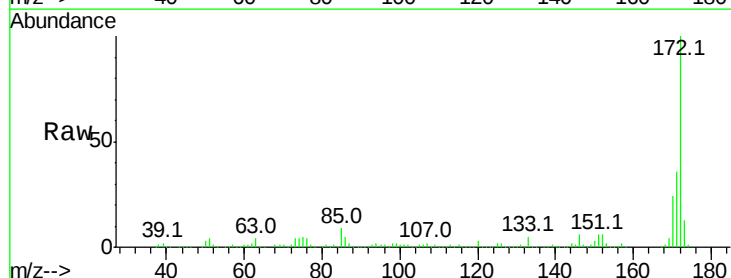


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

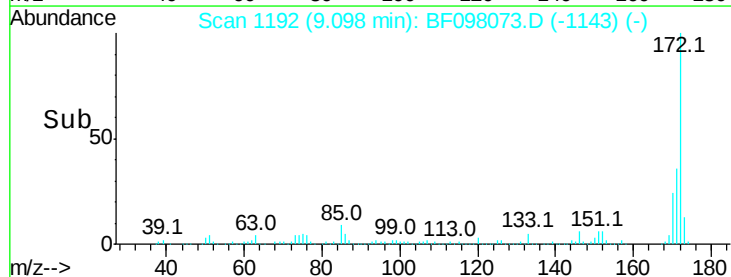
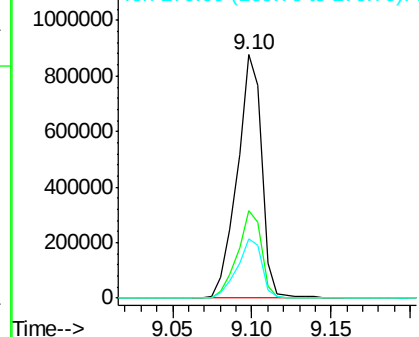


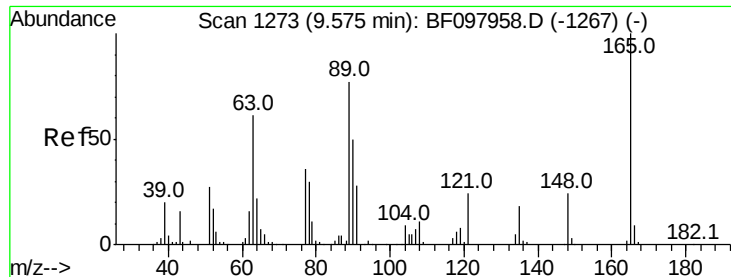
#44
 2-Fluorobiphenyl
 Concen: 68.201 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	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

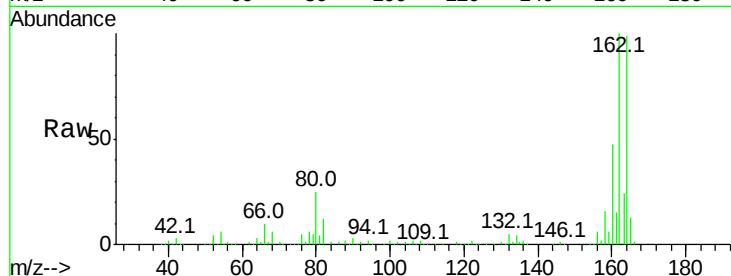




#50
 2,6-Dinitrotoluene
 Concen: 8.572 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

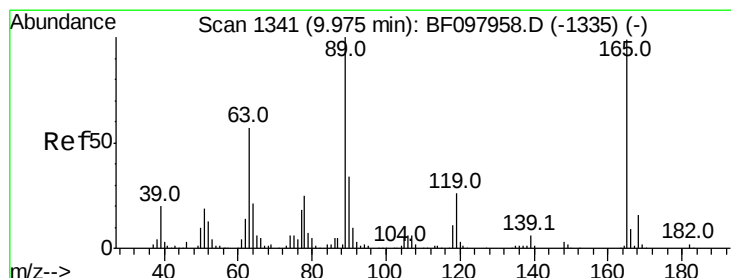
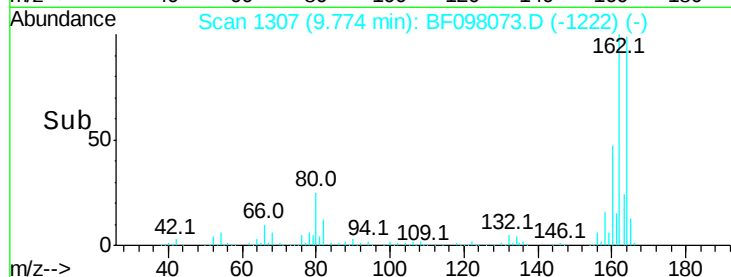
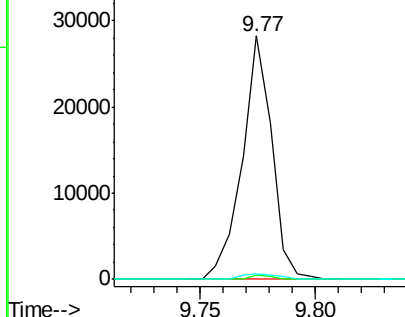
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.1	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

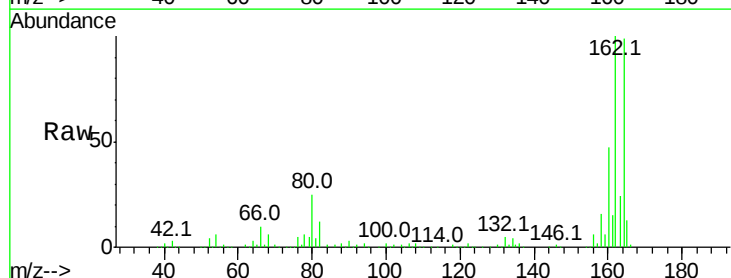
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.831 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

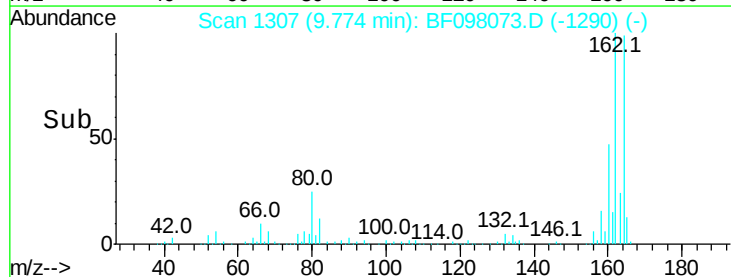
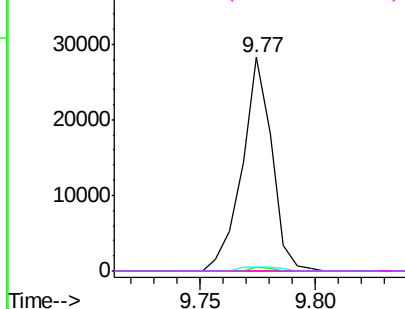


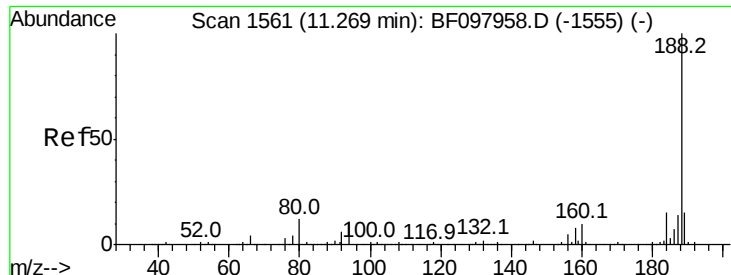
Abundance Ion 165.00 (164.70 to 165.70): E

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

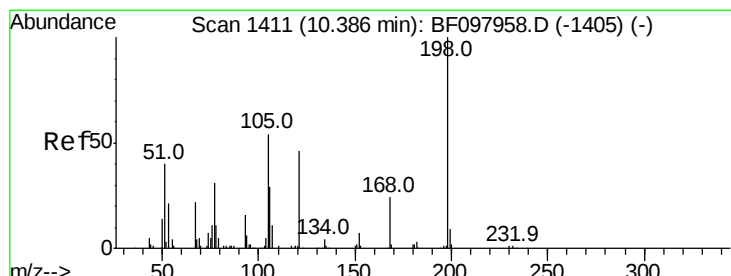
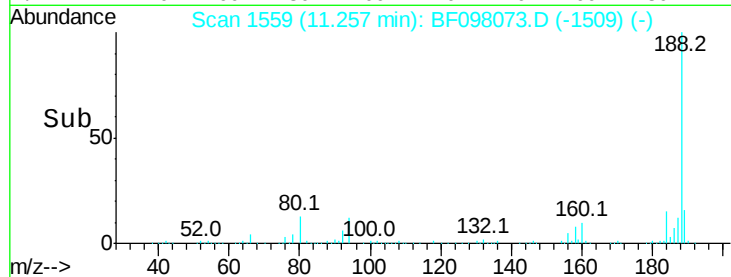
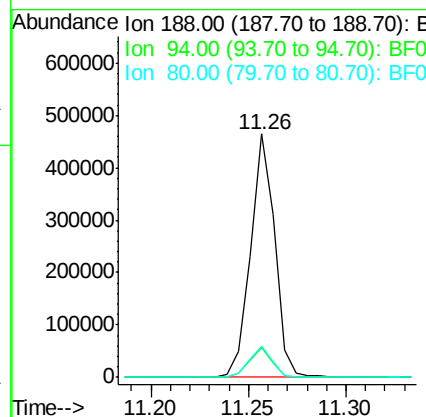
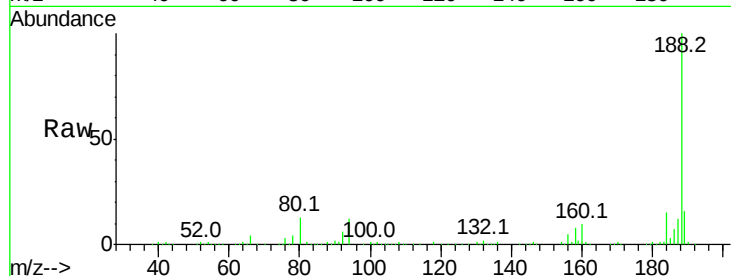




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

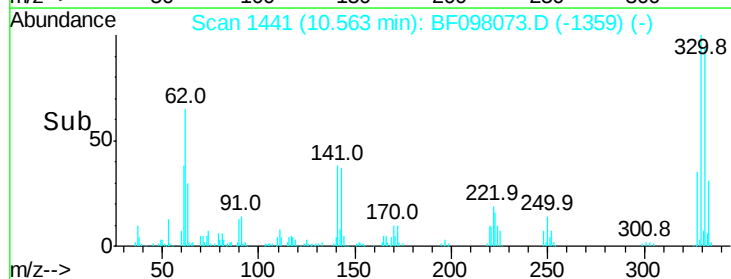
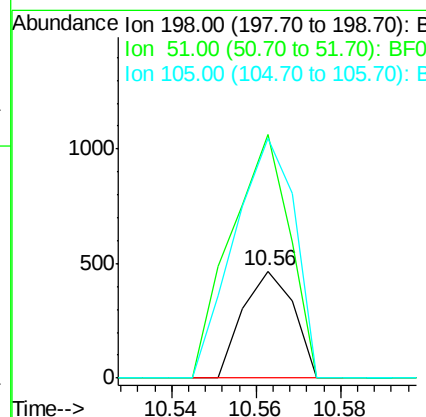
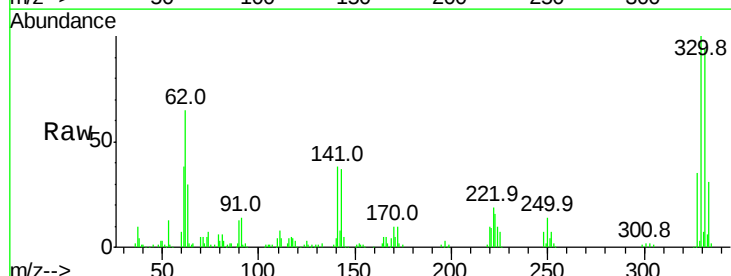
Instrument :
BNA_F
ClientSampleId :
PB101862BL

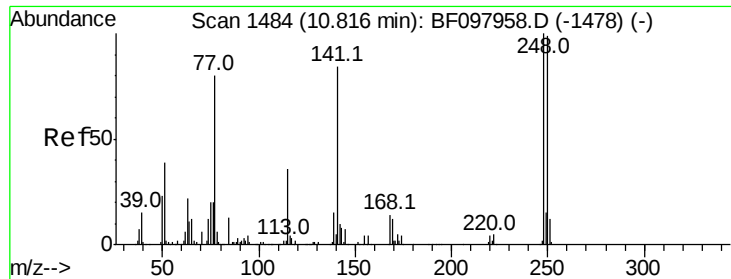
Tot Ion:188 Resp: 400180
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 12.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.491 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Tgt Ion:198 Resp: 389
Ion Ratio Lower Upper
198 100
51 227.6 53.2 93.2#
105 224.4 45.8 85.8#

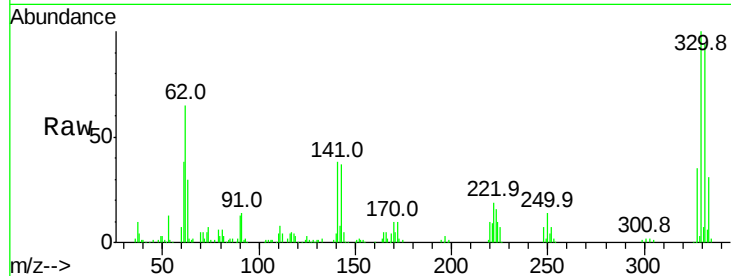




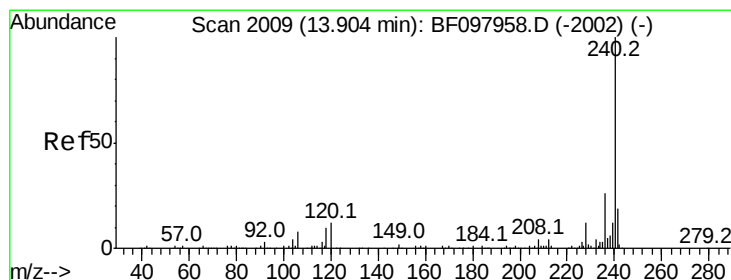
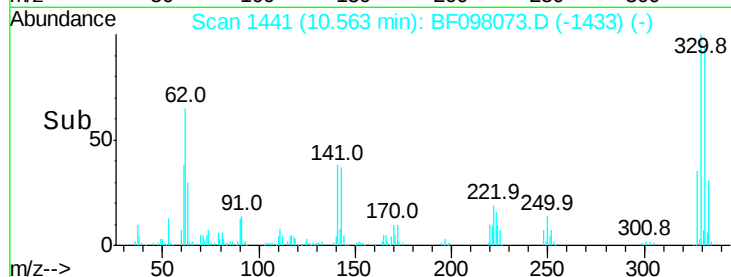
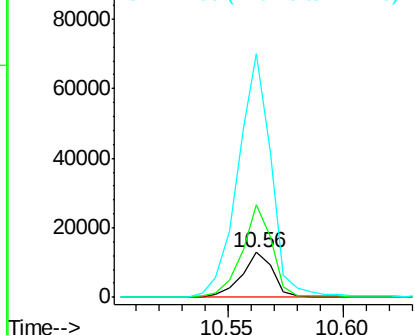
#66
 4-Bromophenyl-phenylether
 Concen: 2.959 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

Tot Ion:248 Resp: 12298
 Ion Ratio Lower Upper
 248 100
 250 205.1 76.8 115.2#
 141 542.7 68.6 103.0#

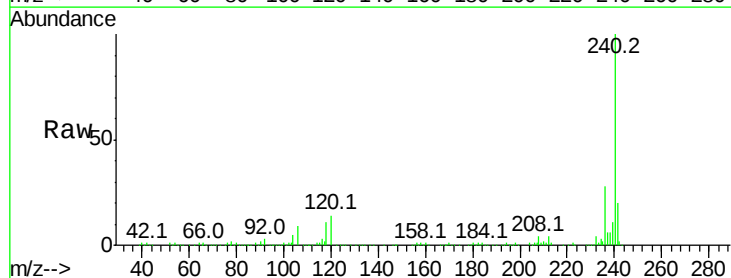


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

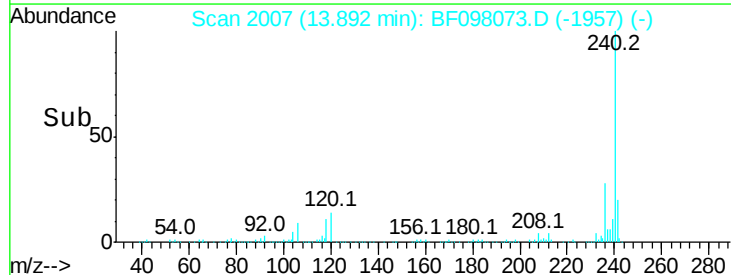
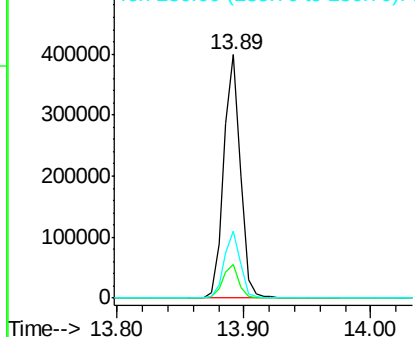


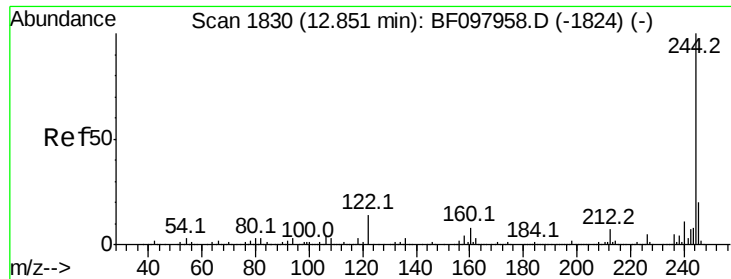
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion:240 Resp: 363974
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 27.7 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

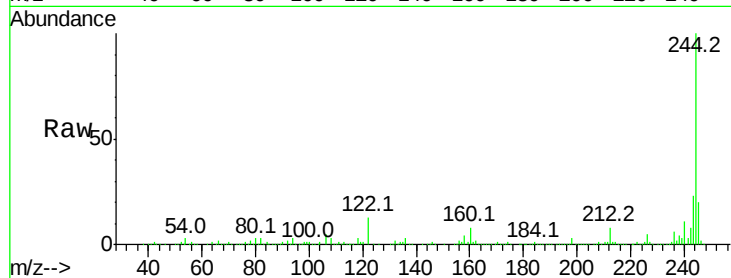




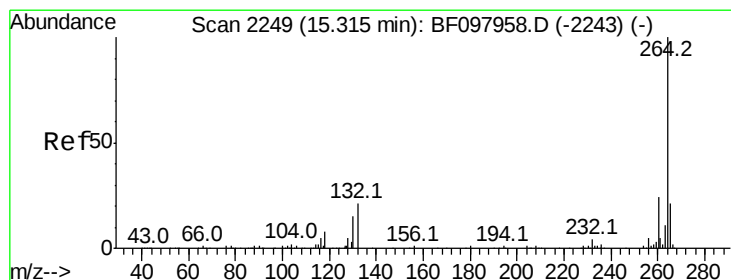
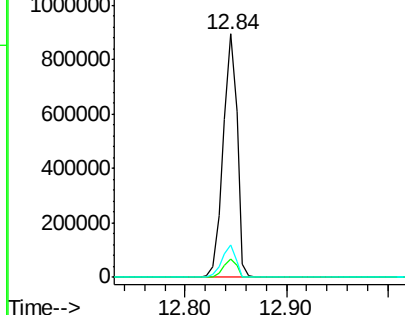
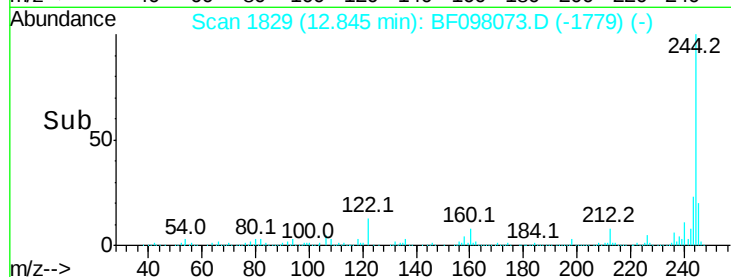
#78
 Terphenyl-d14
 Concen: 49.049 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

Tot Ion:244 Resp: 856107
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.4 10.3 15.5

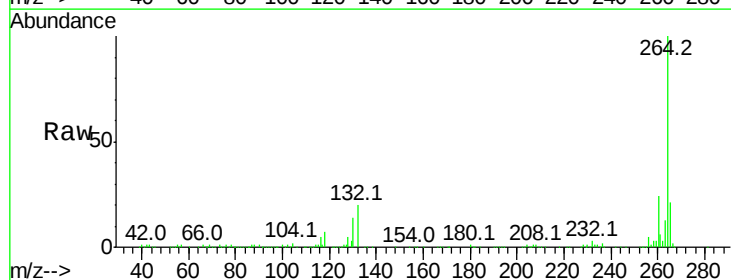


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion:264 Resp: 309966
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 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

