

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098008.D
 Acq On : 24 Aug 2017 18:09
 Operator : SJ/JU
 Sample : I4925-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-6

Quant Time: Aug 25 01:00:18 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

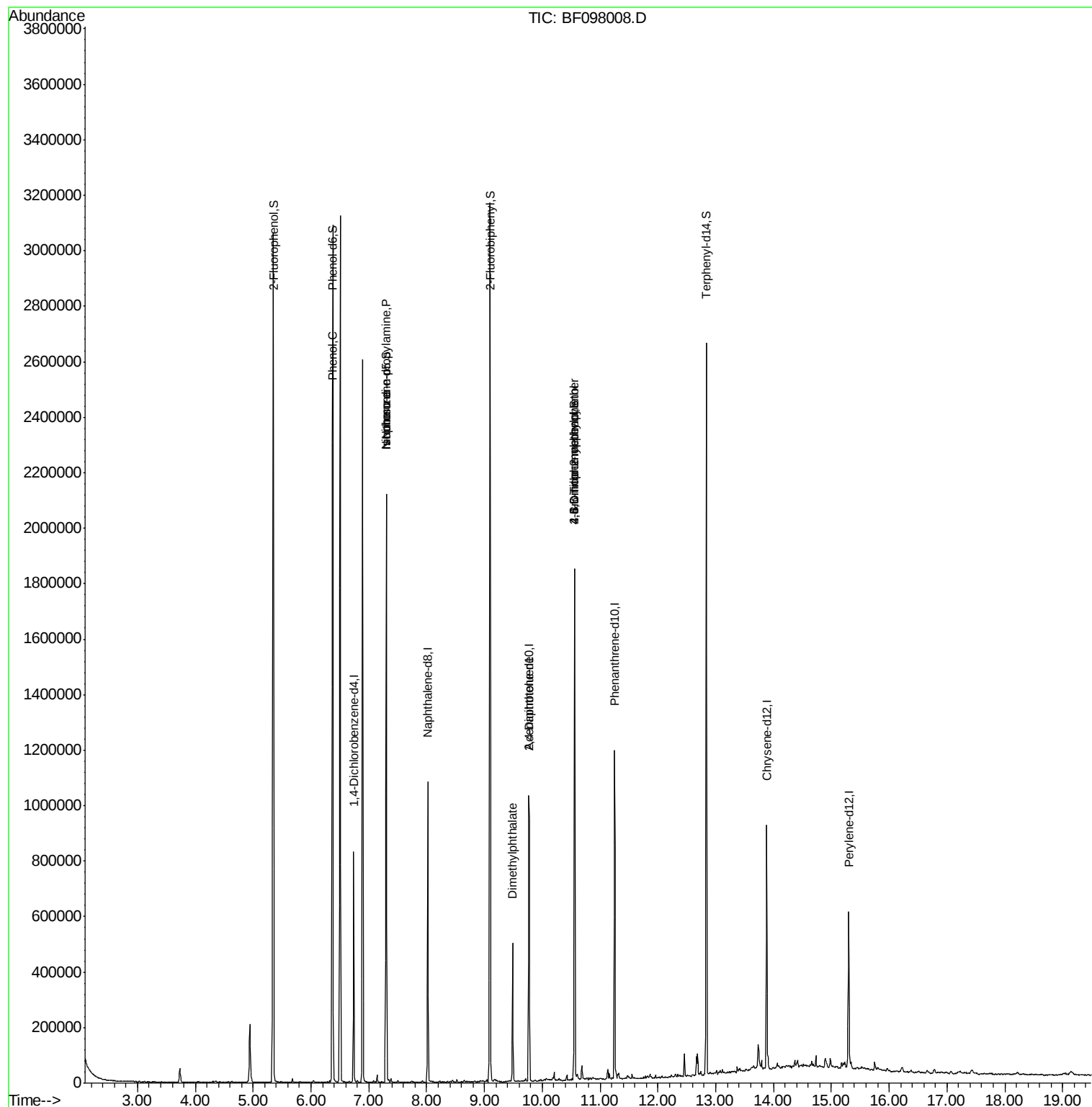
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	117594	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	464879	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	202385	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	398766	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	306028	20.00	ng	-0.01
86) Perylene-d12	15.30	264	247638	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	988380	127.85	ng	0.00
7) Phenol-d6	6.37	99	1341638	127.72	ng	-0.01
23) Nitrobenzene-d5	7.30	82	793698	92.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	230672	131.36	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	986919	71.64	ng	-0.01
78) Terphenyl-d14	12.84	244	783428	53.38	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	34375	2.80	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.30	70	107352	14.93	ng	# 71
25) Isophorone	7.30	82	778616	43.76	ng	# 67
49) Dimethylphthalate	9.49	163	180650	12.21	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25126	6.78	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	460	8.52	ng	# 23
66) 4-Bromophenyl-phenylether	10.56	248	14888	3.60	ng	# 1

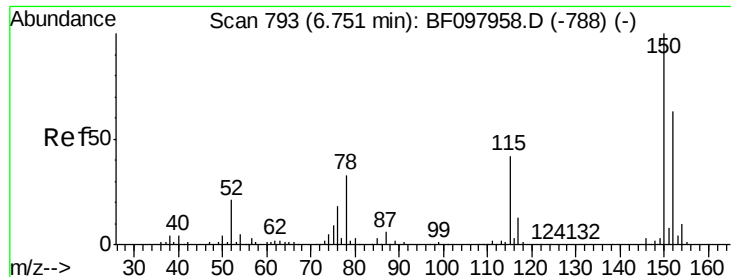
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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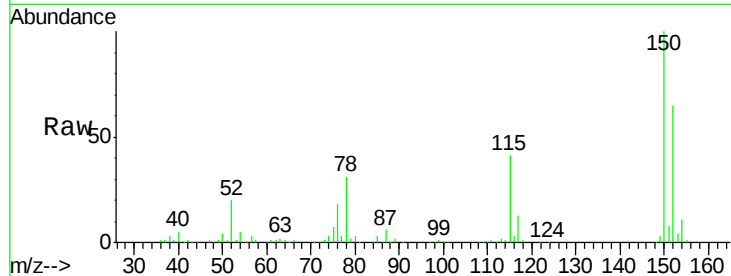


#1

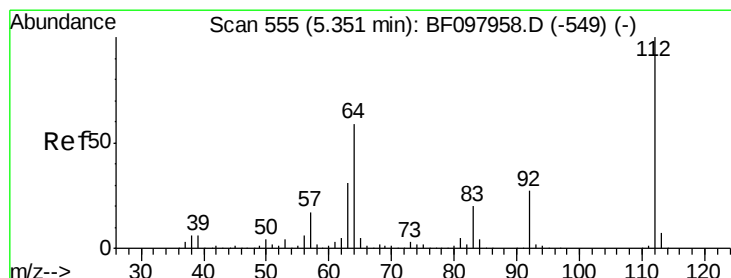
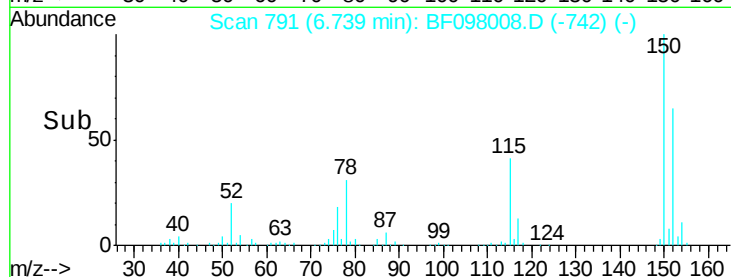
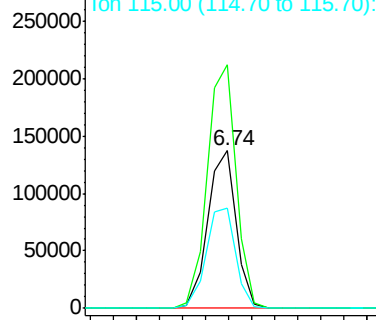
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098008.D
Acq: 24 Aug 2017 18:09

Instrument :
BNA_F
ClientSampleId :
RWB-6

Tot Ion:152 Resp: 117594
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 64.0 52.2 78.2



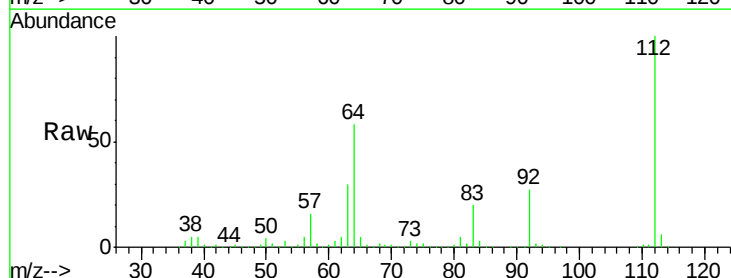
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



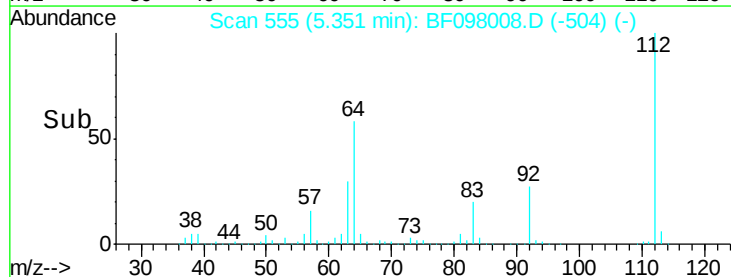
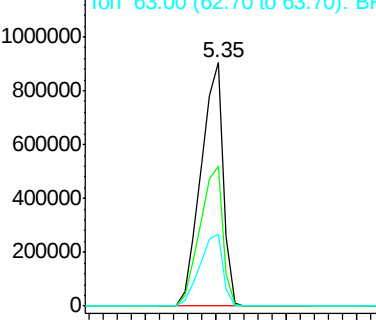
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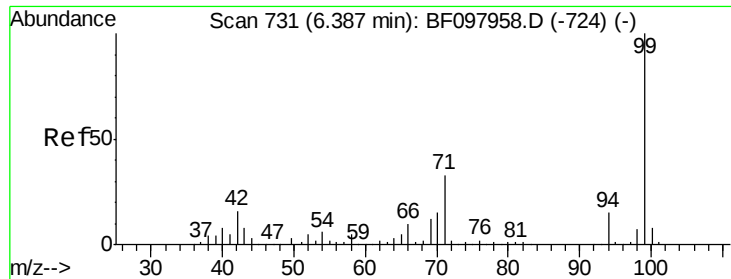
2-Fluorophenol
Concen: 127.85 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098008.D
Acq: 24 Aug 2017 18:09

Tgt Ion:112 Resp: 988380
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 29.7 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: 127.72 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098008.D

Acq: 24 Aug 2017 18:09

Instrument :

BNA_F

ClientSampleId :

RWB-6

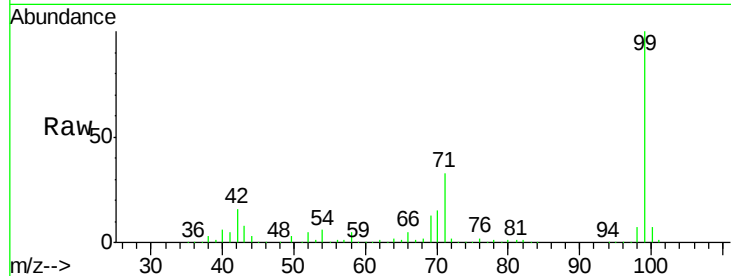
Tot Ion: 99 Resp: 1341638

Ion Ratio Lower Upper

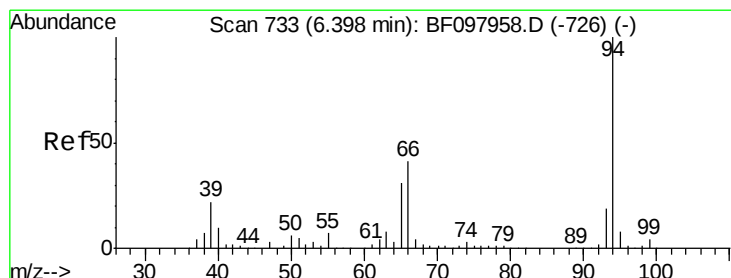
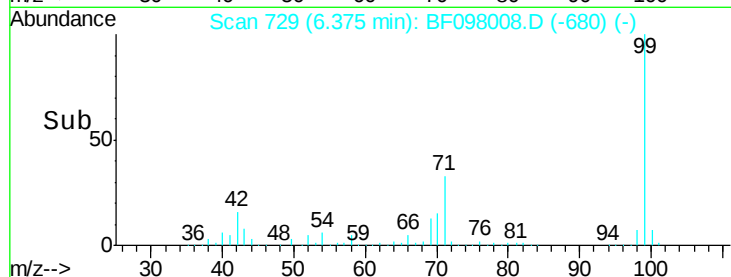
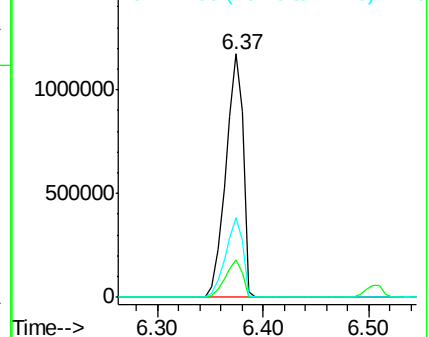
99 100

42 15.6 13.5 20.3

71 32.9 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



#10

Phenol

Concen: 2.80 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098008.D

Acq: 24 Aug 2017 18:09

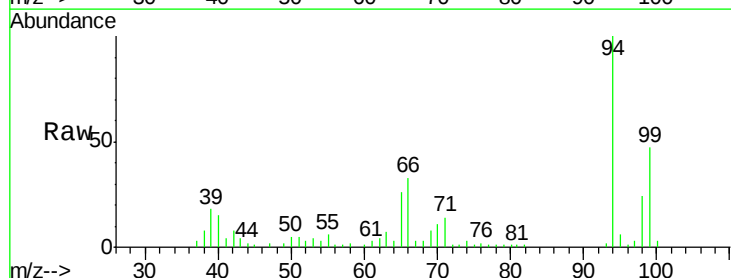
Tgt Ion: 94 Resp: 34375

Ion Ratio Lower Upper

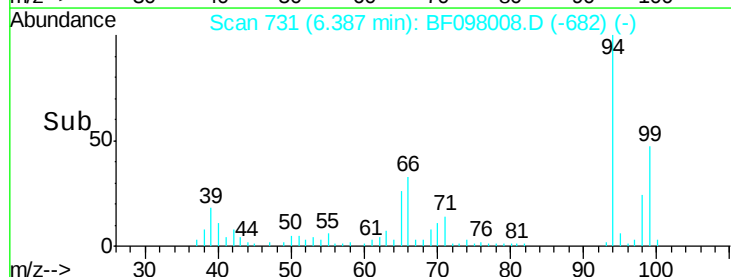
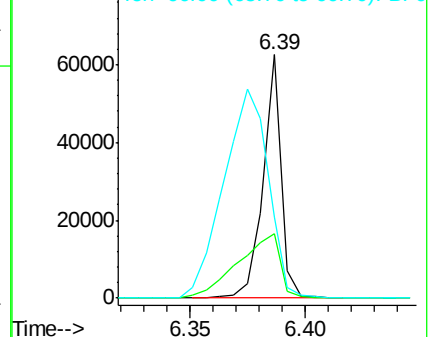
94 100

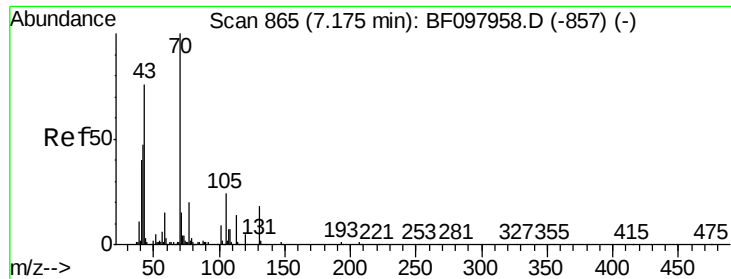
65 26.3 9.9 49.9

66 33.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

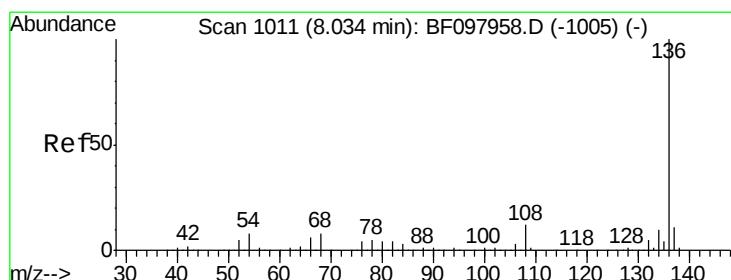
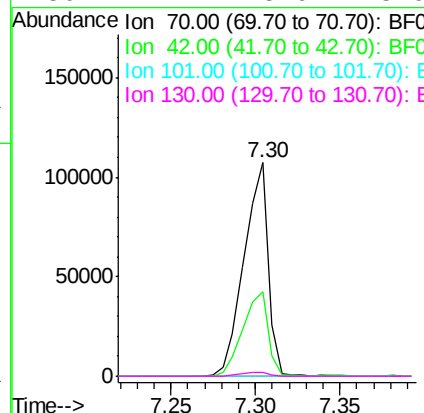
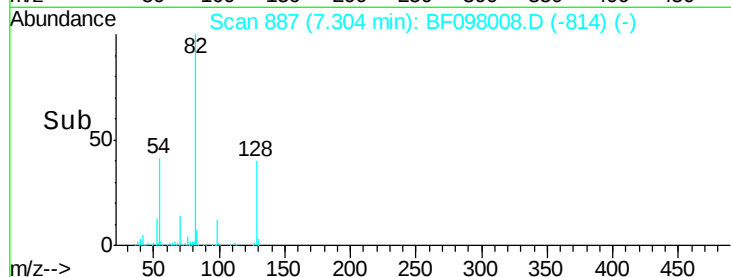
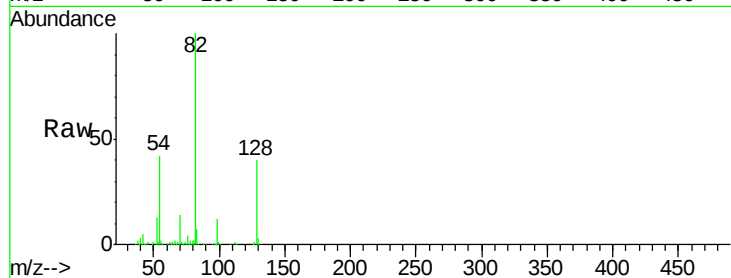




#19
n-Nitroso-di-n-propylamine
Concen: 14.93 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098008.D
Acq: 24 Aug 2017 18:09

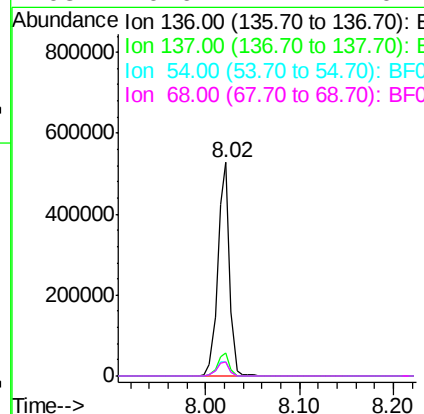
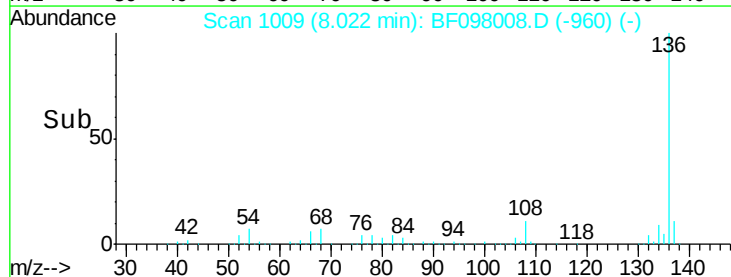
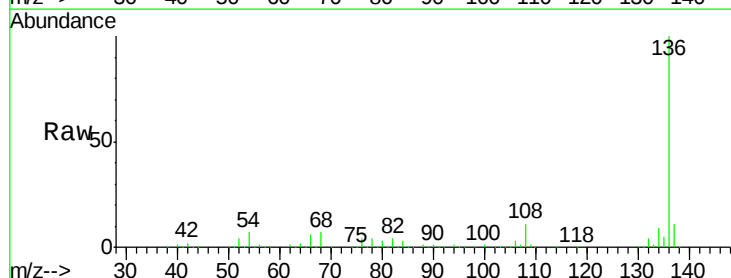
Instrument :
BNA_F
ClientSampleId :
RWB-6

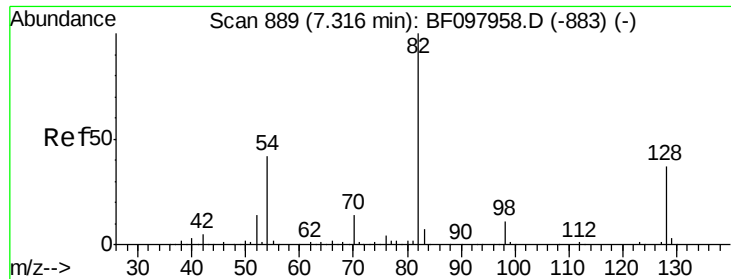
Tot Ion: 70 Resp: 107352
Ion Ratio Lower Upper
70 100
42 39.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098008.D
Acq: 24 Aug 2017 18:09

Tgt Ion: 136 Resp: 464879
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.9 4.9 7.3
68 6.6 4.1 6.1#

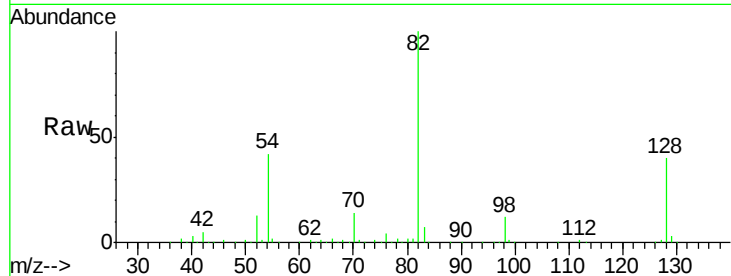




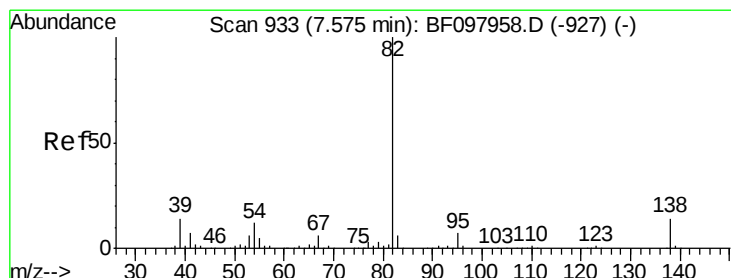
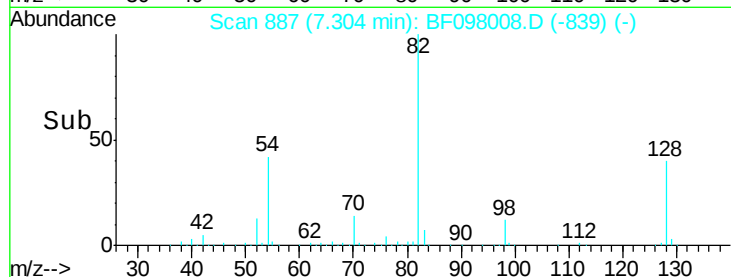
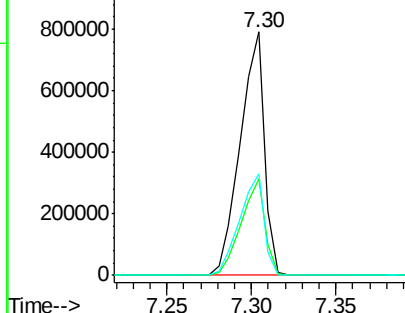
#23
 Nitrobenzene-d5
 Concen: 92.75 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Instrument :
 BNA_F
 ClientSampled :
 RWB-6

Tot Ion	82	Resp	793698
Ion Ratio	100	Lower	Upper
128	39.7	34.0	51.0
54	41.6	42.2	63.2#

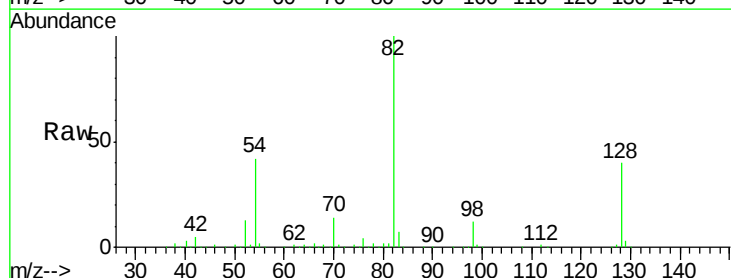


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

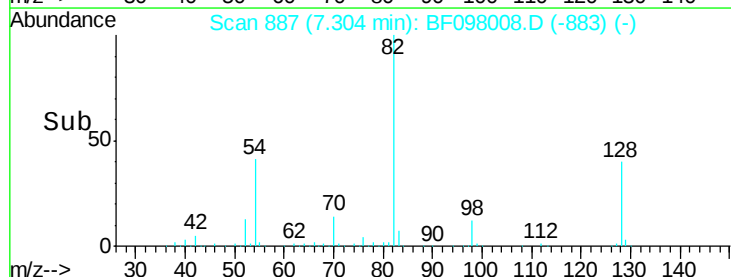
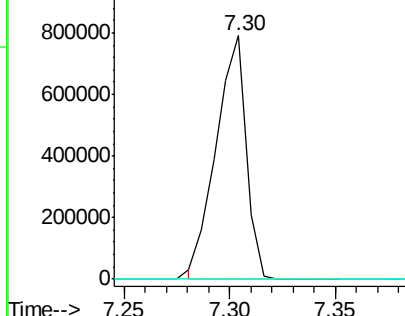


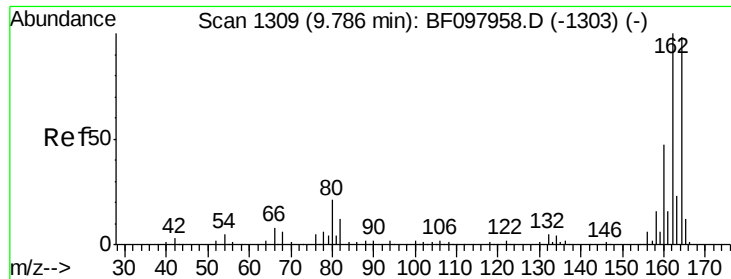
#25
 Isophorone
 Concen: 43.76 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Tgt Ion	82	Resp	778616
Ion Ratio	100	Lower	Upper
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

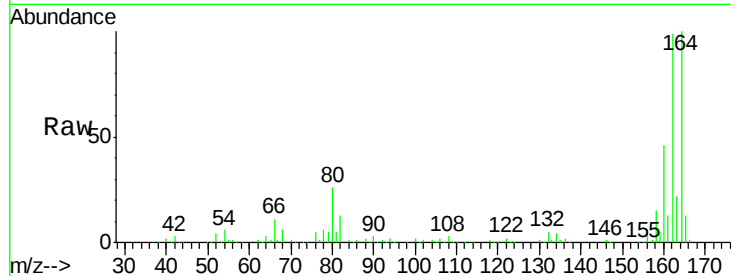




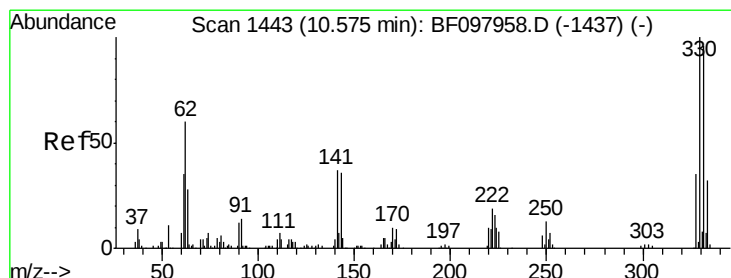
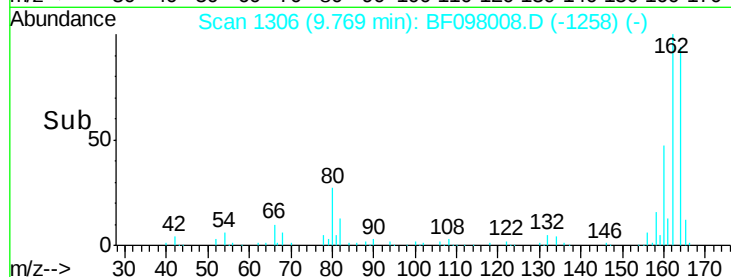
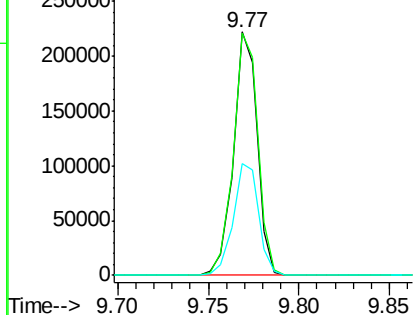
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Instrument :
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 RWB-6

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.6	123.8
160	45.9	36.2	54.2

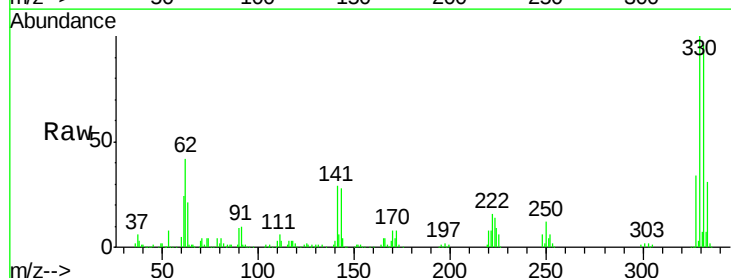


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

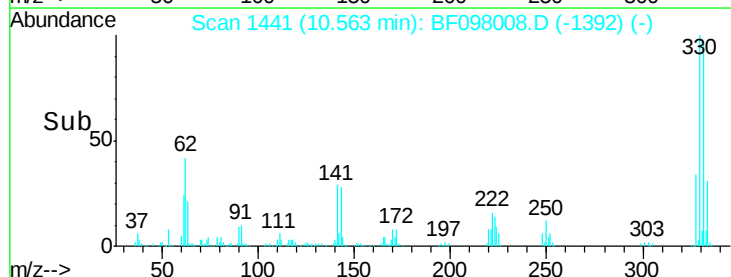
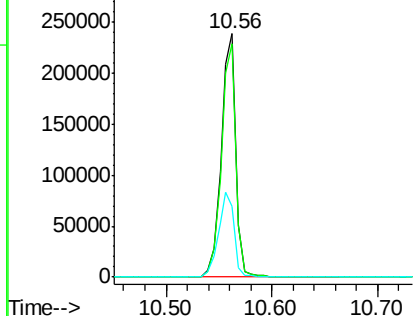


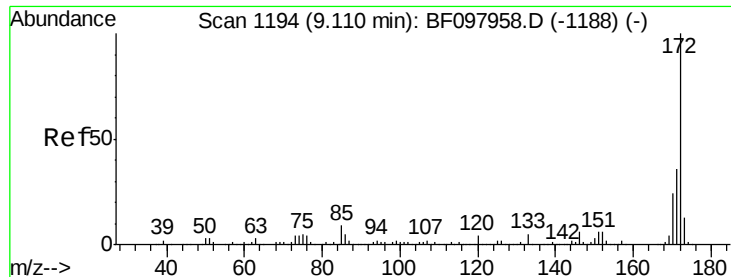
#41
 2,4,6-Tribromophenol
 Concen: 131.36 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.9	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

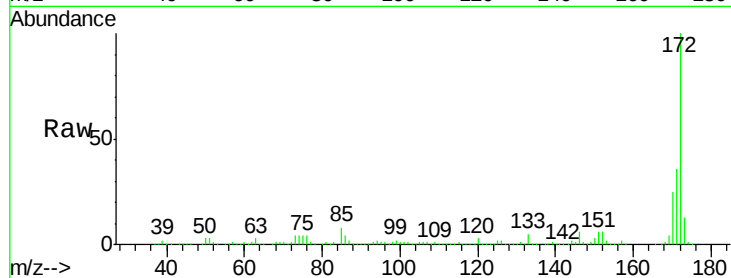




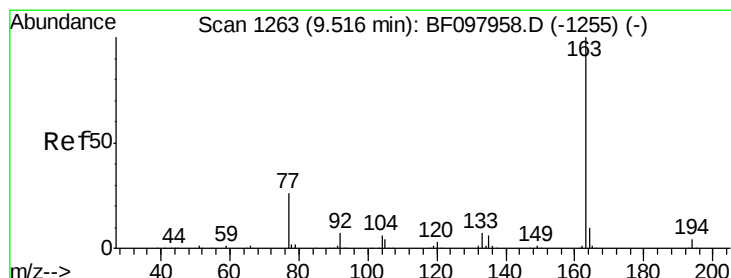
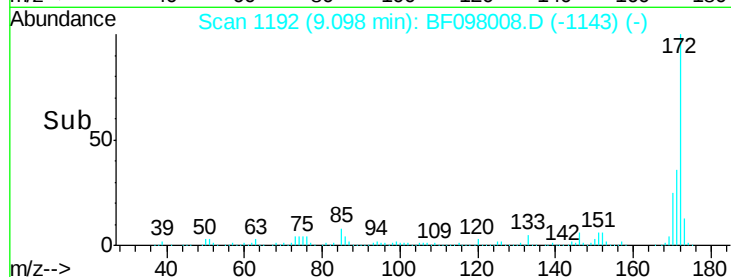
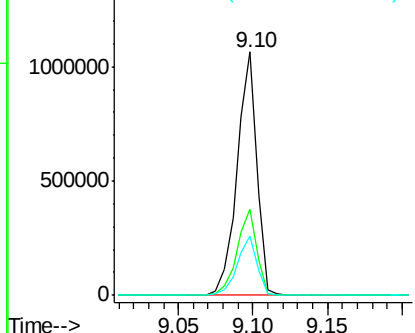
#44
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098008.D
Acq: 24 Aug 2017 18:09

Instrument :
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ClientSampleId :
RWB-6

Tot Ion:172 Resp: 986919
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.5 19.8 29.8

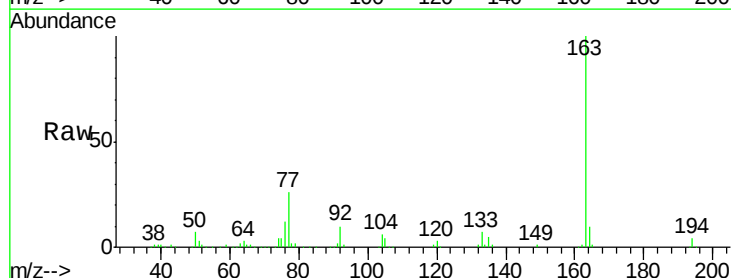


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

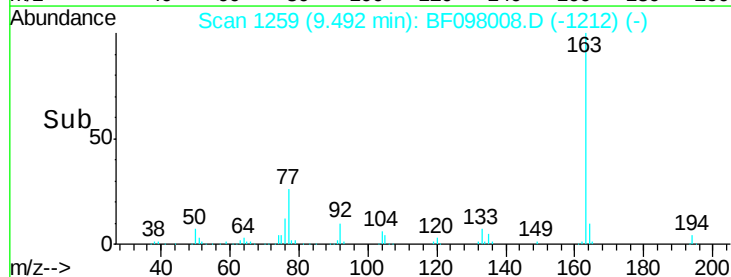
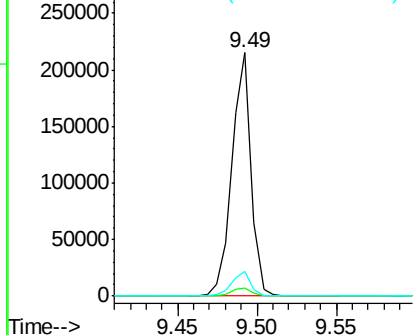


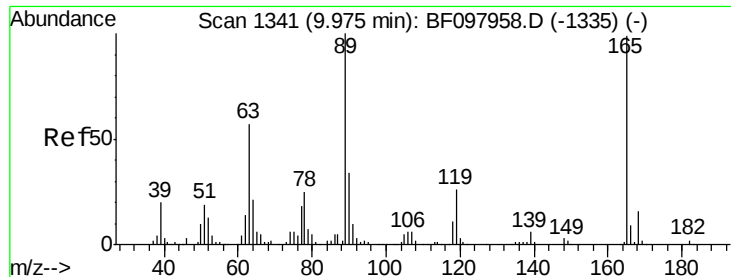
#49
Dimethylphthalate
Concen: 12.21 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098008.D
Acq: 24 Aug 2017 18:09

Tgt Ion:163 Resp: 180650
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 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

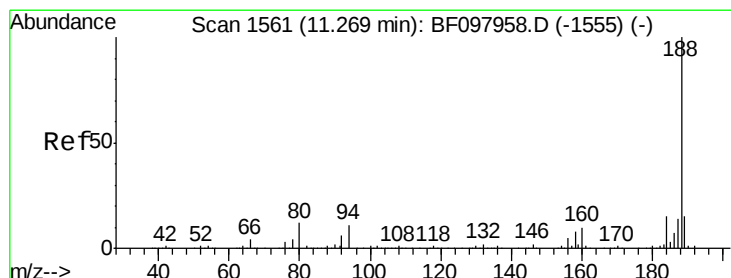
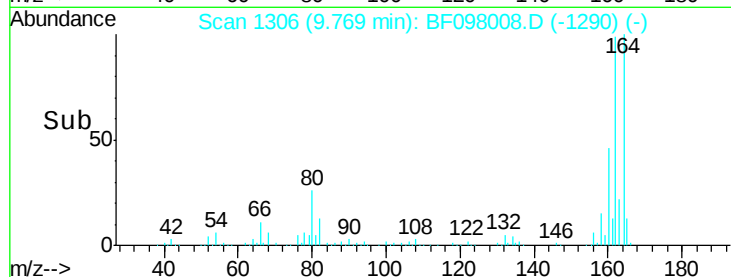
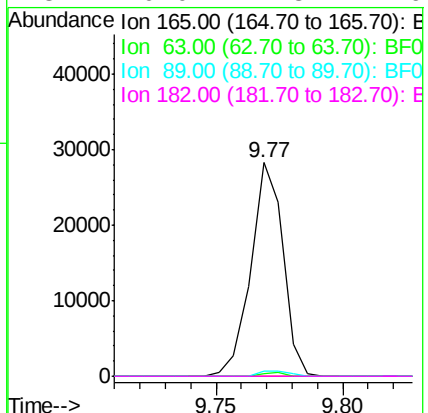
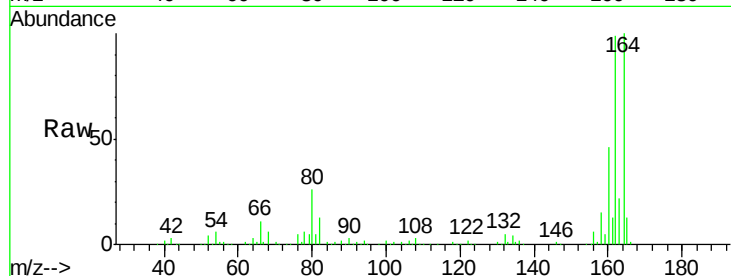




#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

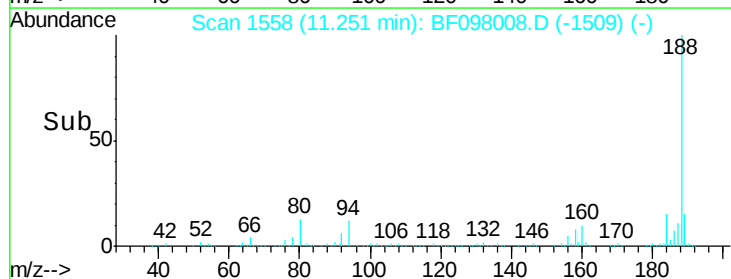
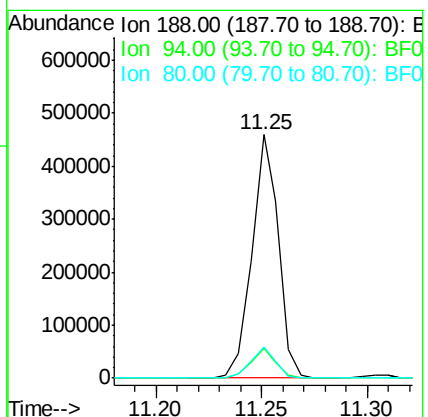
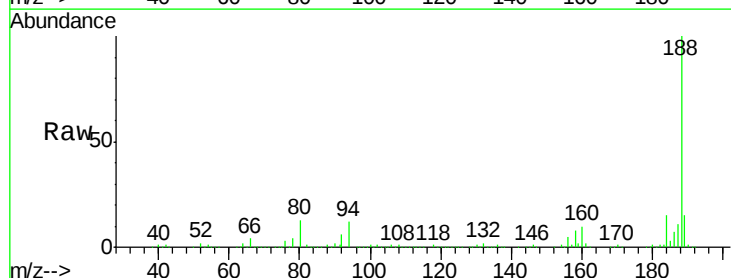
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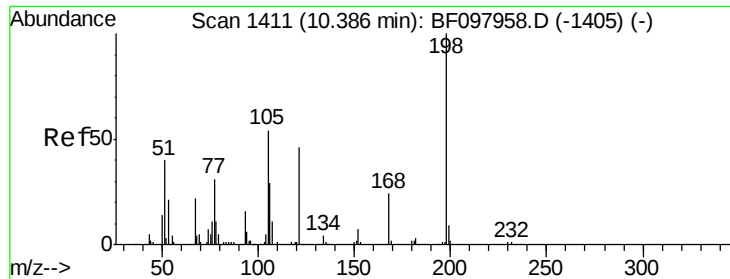
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.9	10.2	15.2

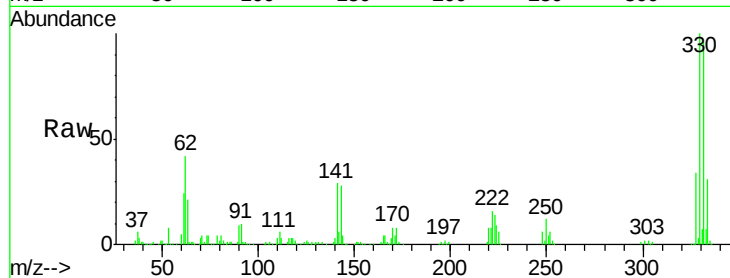




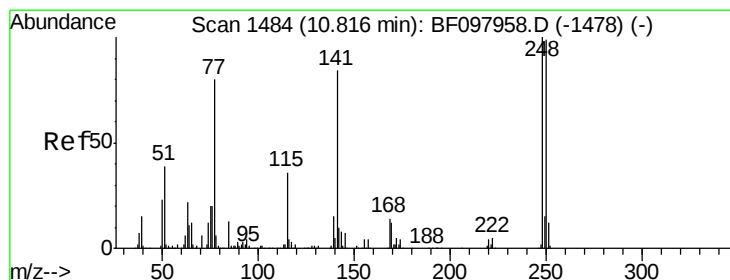
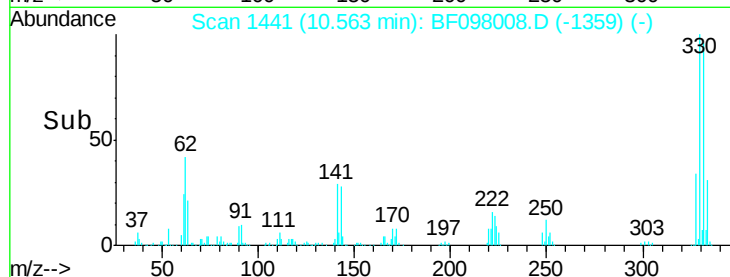
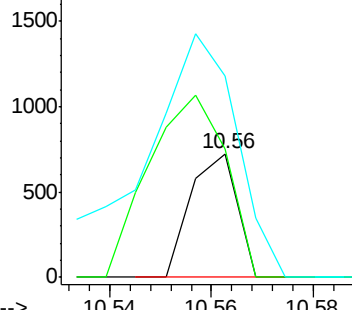
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.52 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :
 RWB-6

Tot Ion:198 Resp: 460
 Ion Ratio Lower Upper
 198 100
 51 104.0 53.2 93.2#
 105 163.3 45.8 85.8#

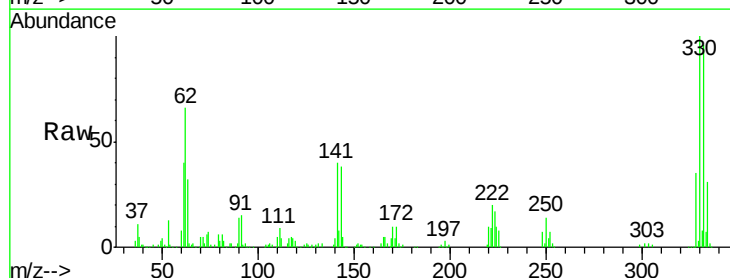


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

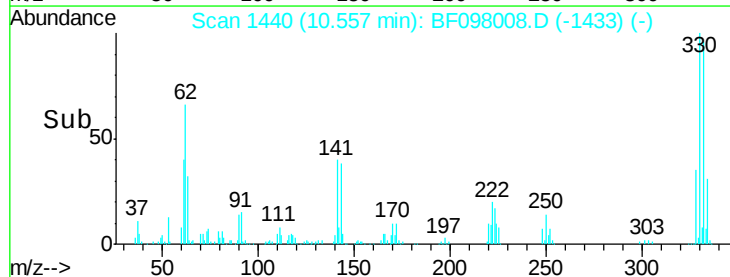
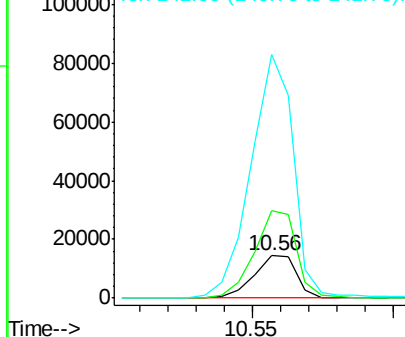


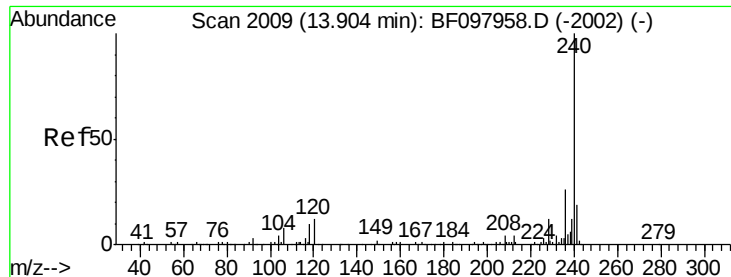
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.26 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Tgt Ion:248 Resp: 14888
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.8 115.2#
 141 575.3 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: 20.00 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098008.D

Acq: 24 Aug 2017 18:09

Instrument :

BNA_F

ClientSampleId :

RWB-6

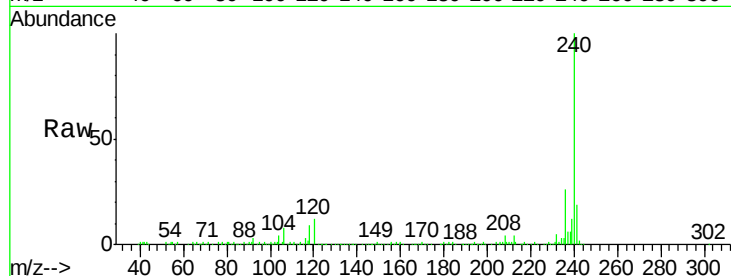
Tot Ion:240 Resp: 306028

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

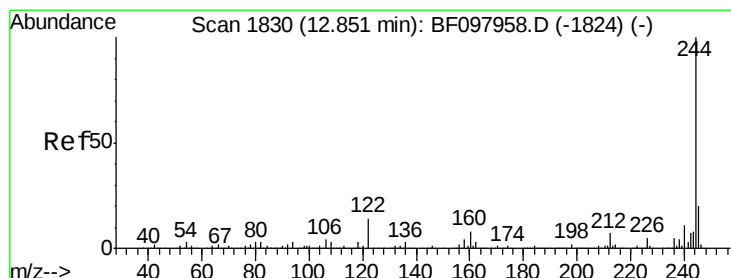
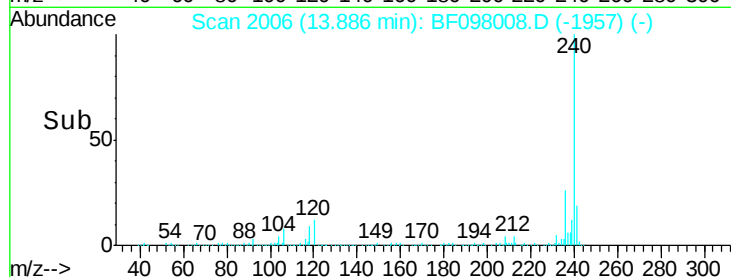
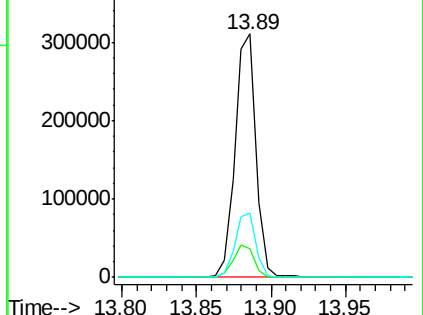
236 26.5 20.5 30.7



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: 53.38 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098008.D

Acq: 24 Aug 2017 18:09

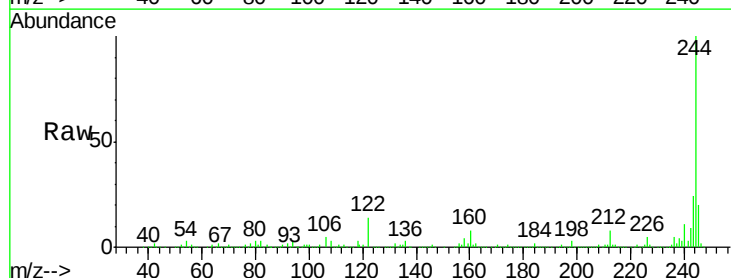
Tgt Ion:244 Resp: 783428

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

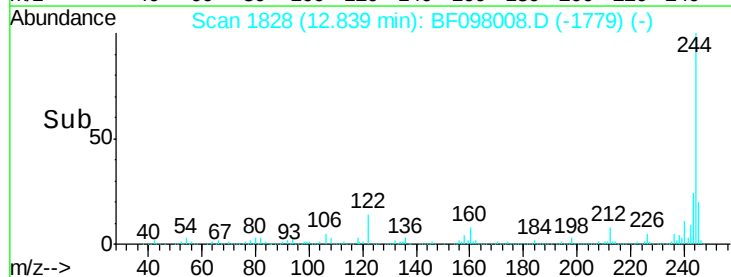
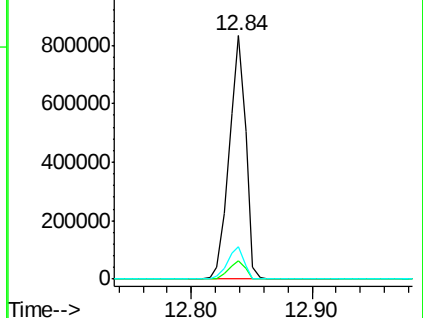
122 13.5 10.3 15.5

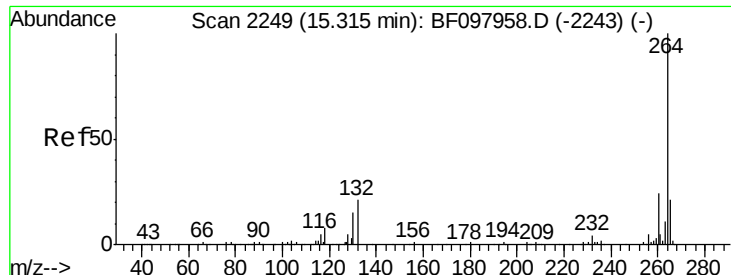


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

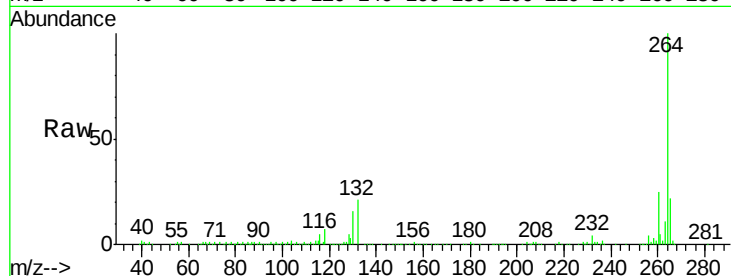




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF098008.D
 Acq: 24 Aug 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :
 RWB-6

Tot Ion:264 Resp: 247638
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.9 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

