

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098017.D
 Acq On : 24 Aug 2017 22:22
 Operator : SJ/JU
 Sample : I4925-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-3

Quant Time: Aug 25 01:03:41 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

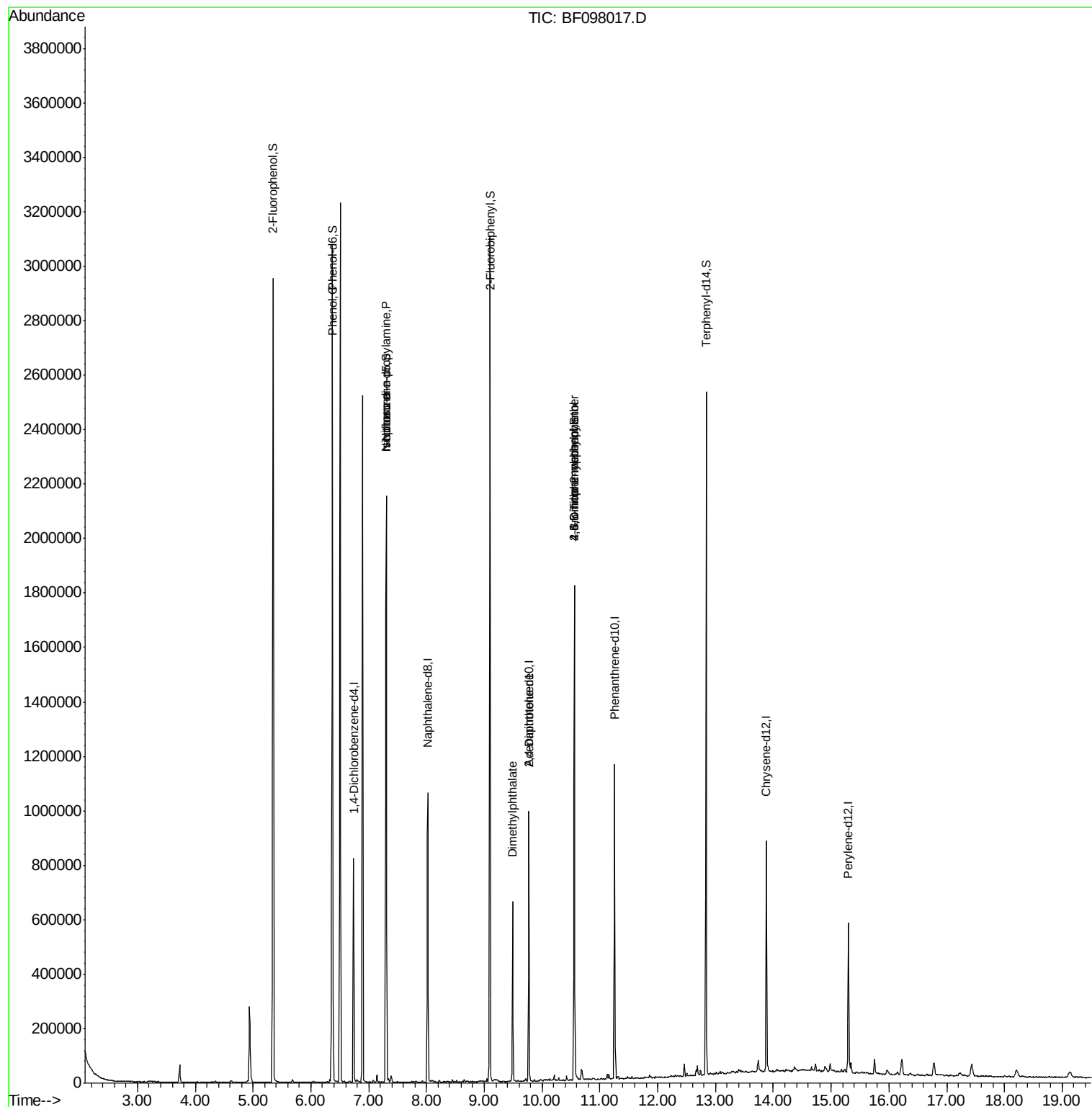
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	116613	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	463542	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	199148	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	374176	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	273087	20.00	ng	-0.02
86) Perylene-d12	15.30	264	240339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1029456	134.28	ng	0.00
7) Phenol-d6	6.37	99	1407074	135.08	ng	-0.01
23) Nitrobenzene-d5	7.30	82	816136	95.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	230115	133.17	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	942430	69.53	ng	-0.01
78) Terphenyl-d14	12.84	244	736333	56.23	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	34482	2.83	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.30	70	109635	15.38	ng	# 73
25) Isophorone	7.30	82	799251	45.05	ng	# 67
49) Dimethylphthalate	9.49	163	228780	15.72	ng	99
56) 2,4-Dinitrotoluene	9.77	165	24969	6.85	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	473	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	15274	3.93	ng	# 1

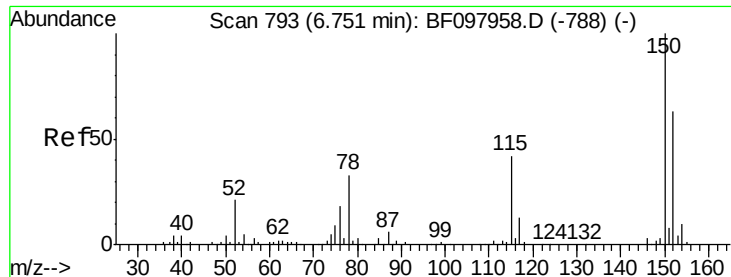
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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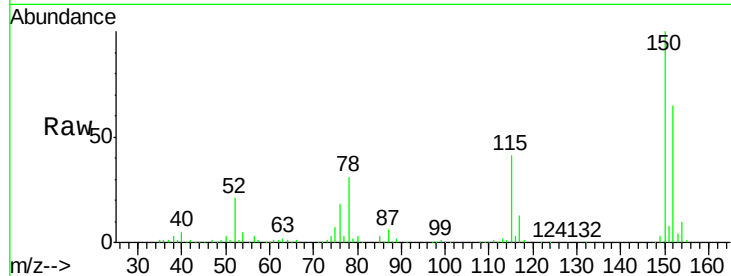


#1

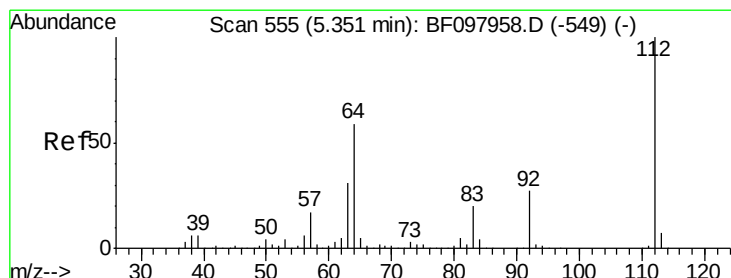
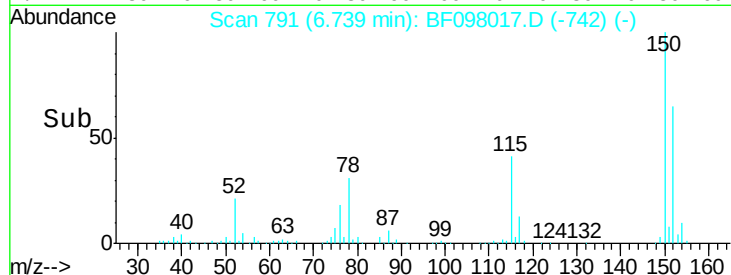
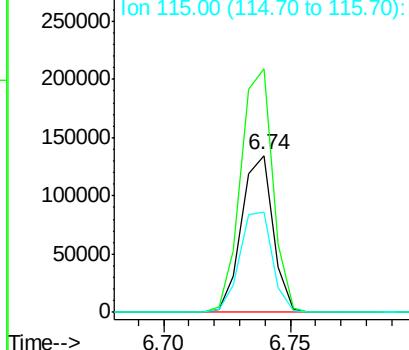
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098017.D
Acq: 24 Aug 2017 22:22

Instrument :
BNA_F
ClientSampleId :
RWB-3

Tot Ion:152 Resp: 116613
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 64.0 52.2 78.2



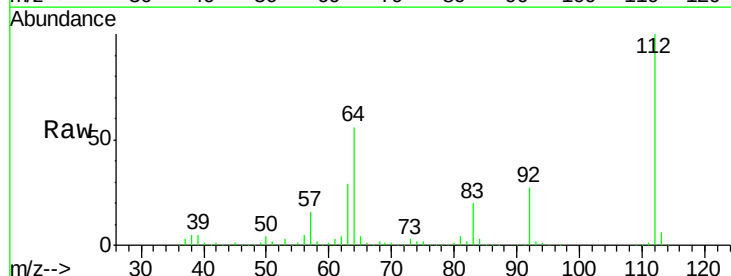
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



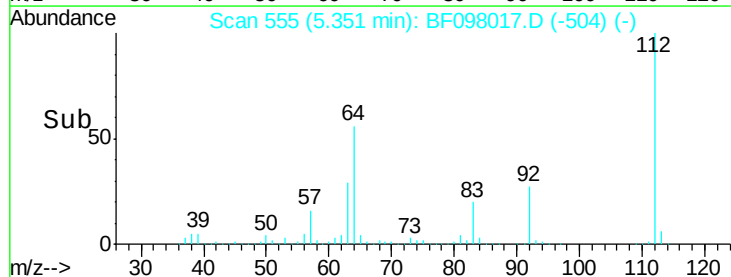
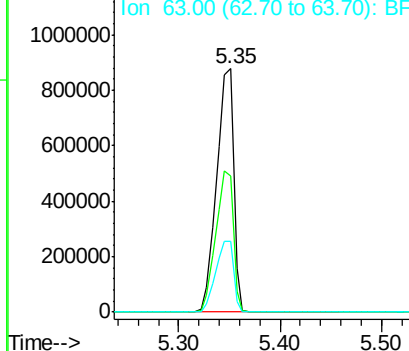
#5

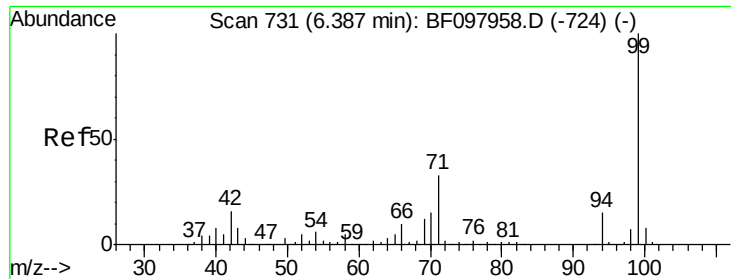
2-Fluorophenol
Concen: 134.28 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098017.D
Acq: 24 Aug 2017 22:22

Tgt Ion:112 Resp: 1029456
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 28.9 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: 135.08 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098017.D

Acq: 24 Aug 2017 22:22

Instrument :

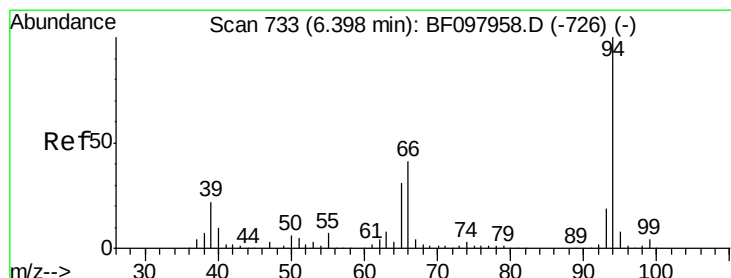
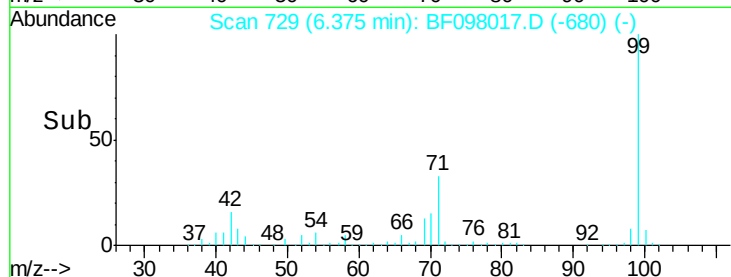
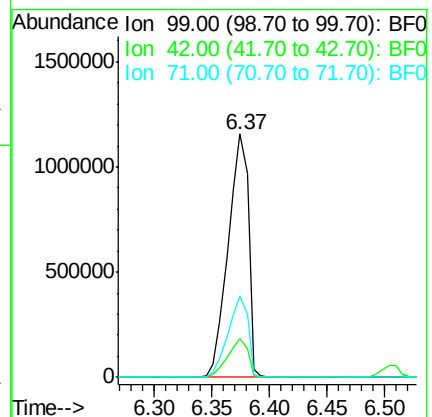
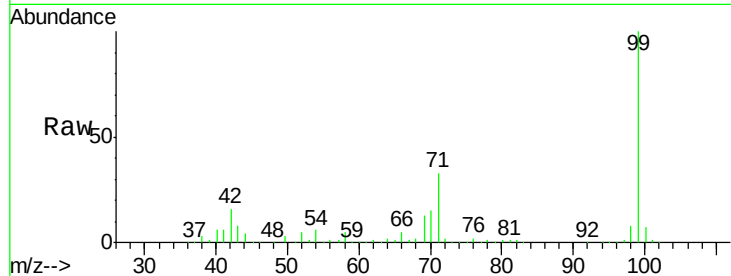
BNA_F

ClientSampled :

RWB-3

Tot Ion: 99 Resp: 1407074

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.5	24.5	36.7



#10

Phenol

Concen: 2.83 ng

RT: 6.39 min Scan# 731

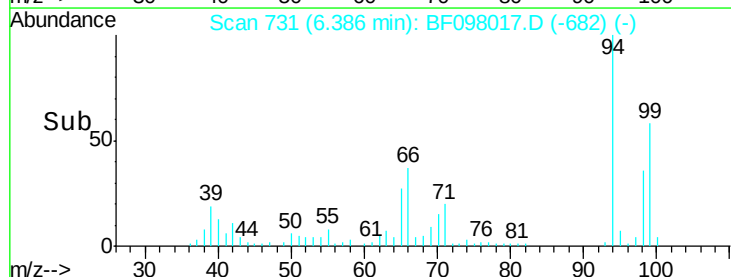
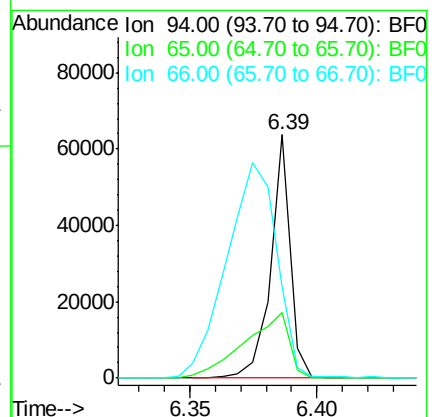
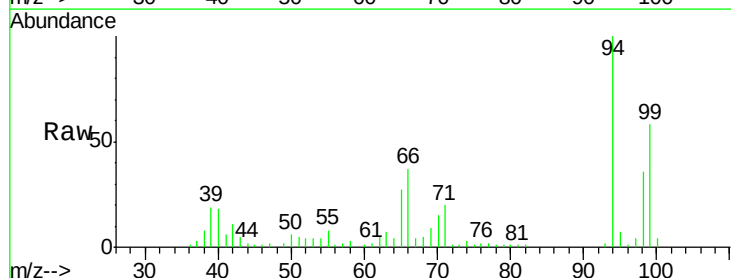
Delta R.T. -0.01 min

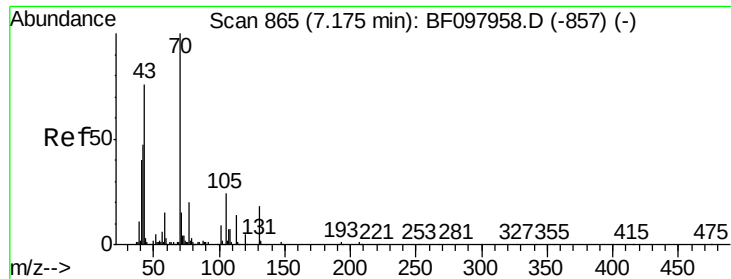
Lab File: BF098017.D

Acq: 24 Aug 2017 22:22

Tgt Ion: 94 Resp: 34482

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	37.4	23.1	63.1

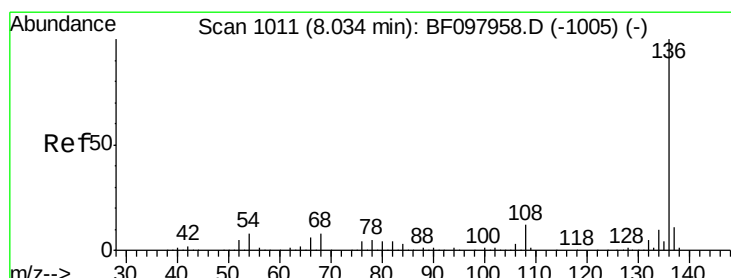
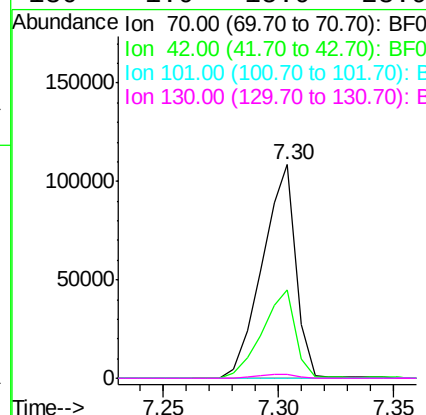
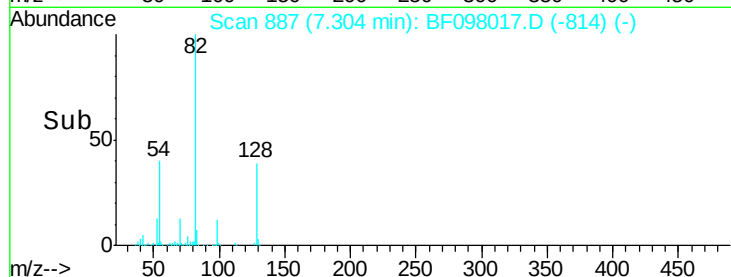
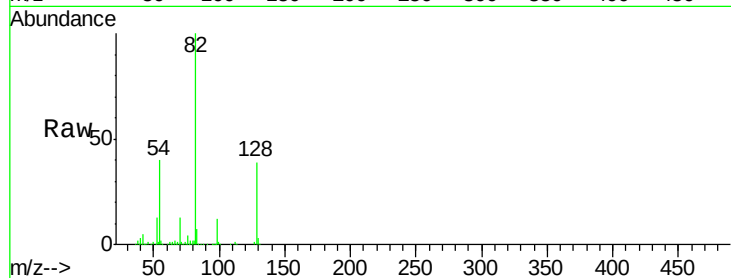




#19
n-Nitroso-di-n-propylamine
Concen: 15.38 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098017.D
Acq: 24 Aug 2017 22:22

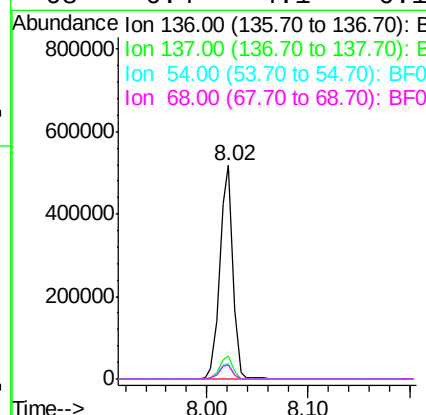
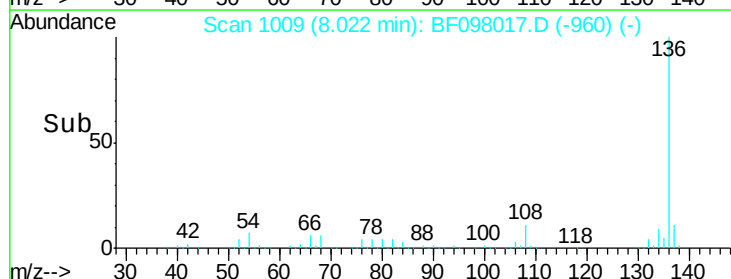
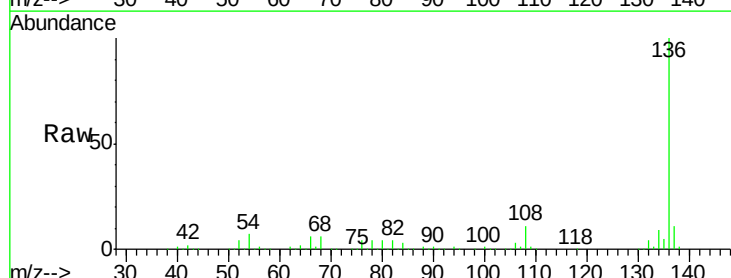
Instrument :
BNA_F
ClientSampleId :
RWB-3

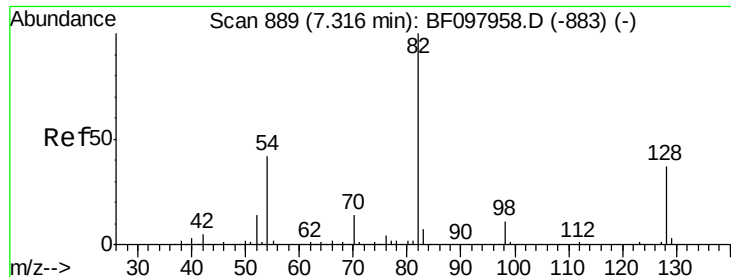
Tot Ion: 70 Resp: 109635
Ion Ratio Lower Upper
70 100
42 41.3 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098017.D
Acq: 24 Aug 2017 22:22

Tgt Ion: 136 Resp: 463542
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.0 4.9 7.3
68 6.4 4.1 6.1#

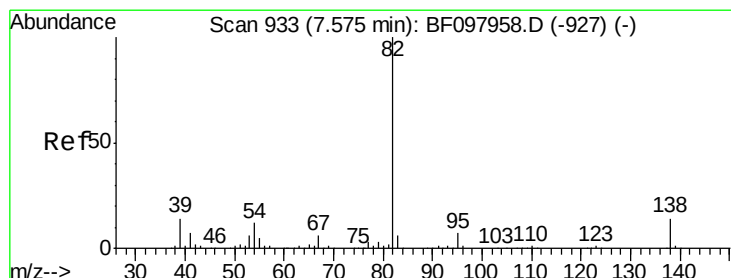
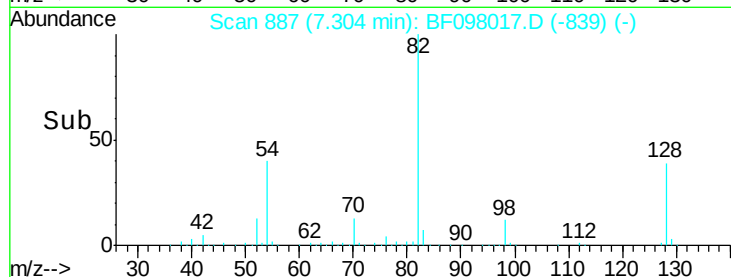
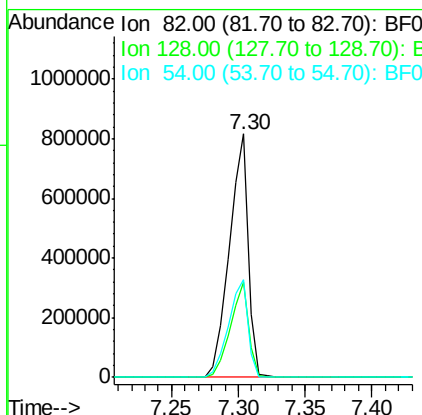
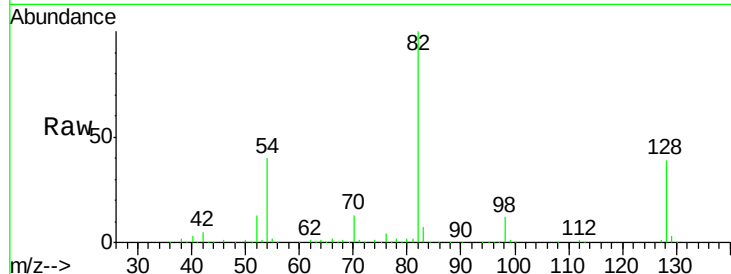




#23
 Nitrobenzene-d5
 Concen: 95.65 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098017.D
 Acq: 24 Aug 2017 22:22

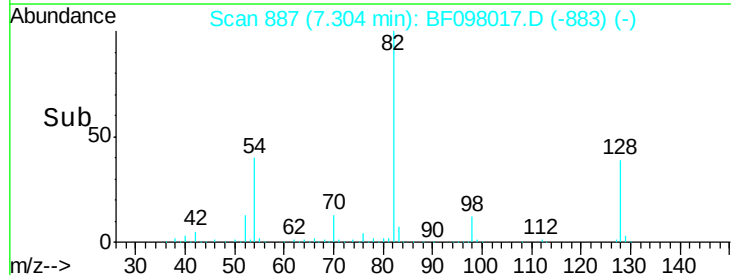
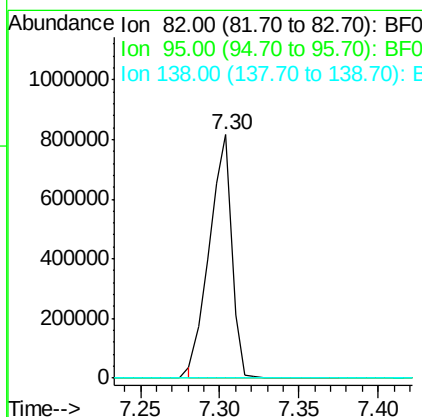
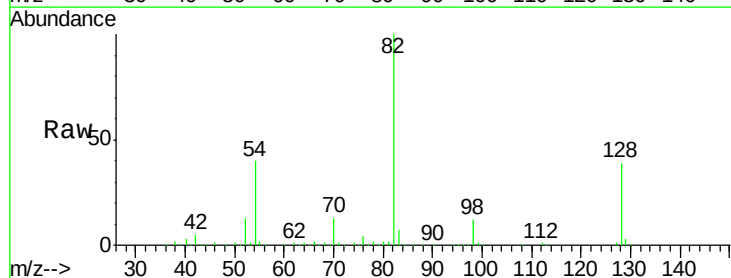
Instrument :
 BNA_F
 ClientSampleId :
 RWB-3

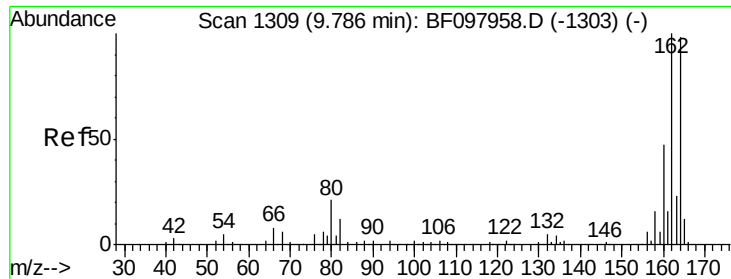
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.0	51.0
54	40.0	42.2	63.2#



#25
 Isophorone
 Concen: 45.05 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098017.D
 Acq: 24 Aug 2017 22:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

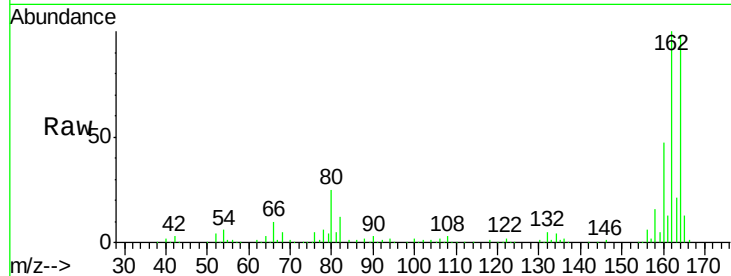




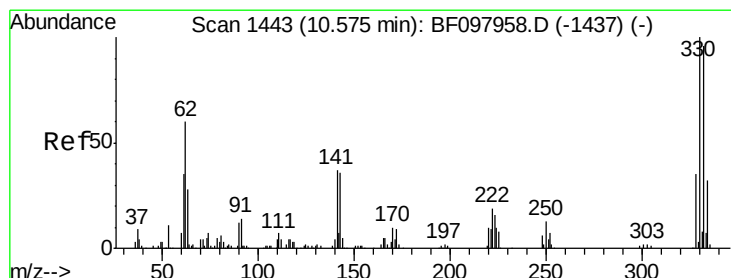
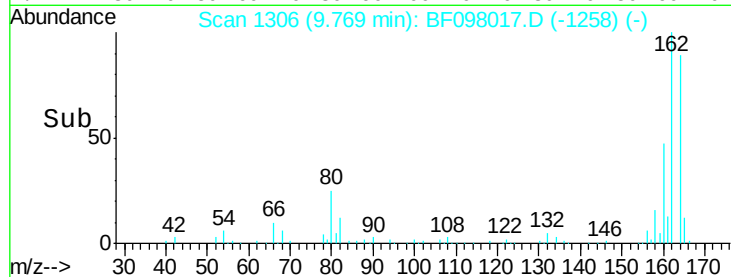
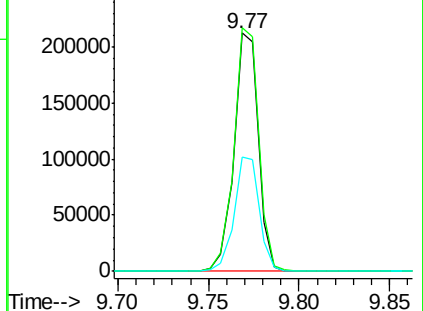
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098017.D
 Acq: 24 Aug 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 RWB-3

Tot Ion:164 Resp: 199148
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 47.9 36.2 54.2

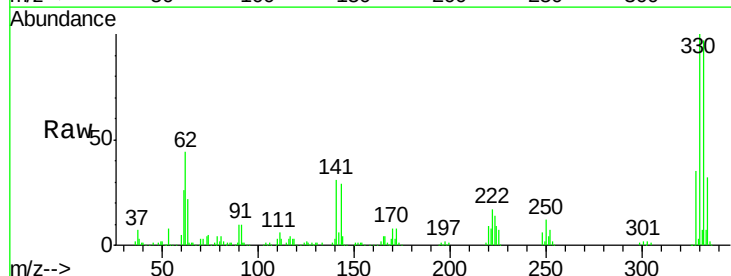


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

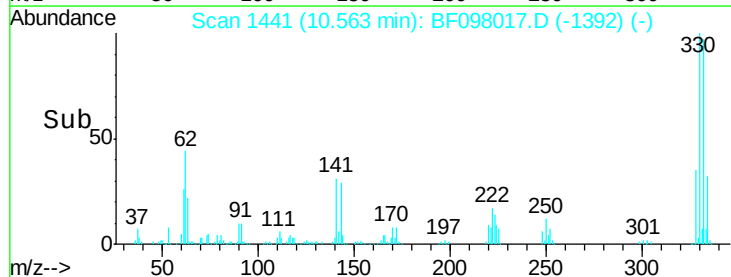
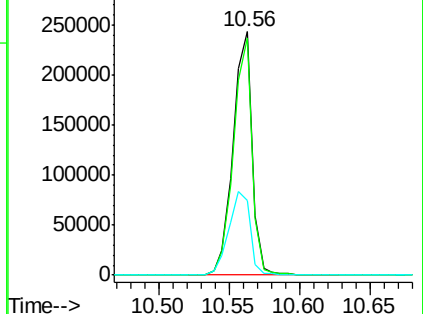


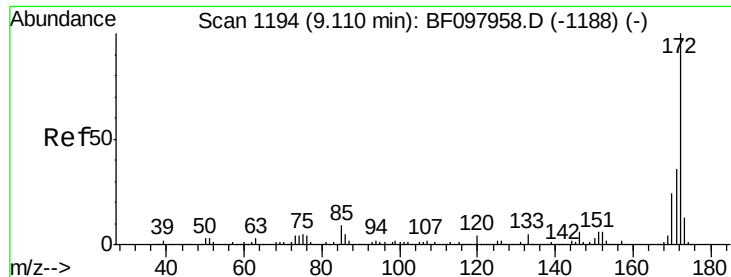
#41
 2,4,6-Tribromophenol
 Concen: 133.17 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098017.D
 Acq: 24 Aug 2017 22:22

Tgt Ion:330 Resp: 230115
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.6 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

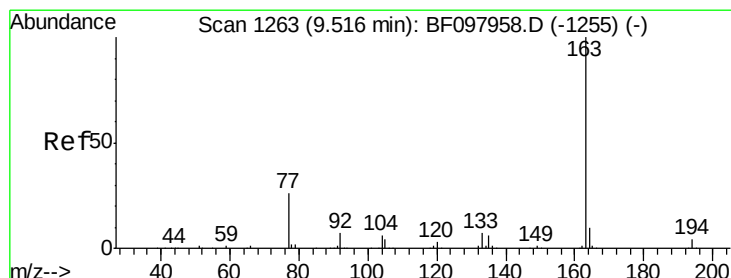
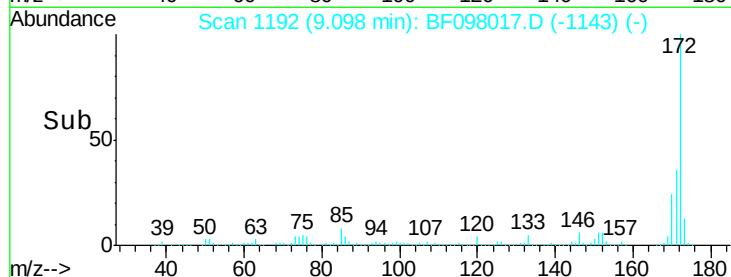
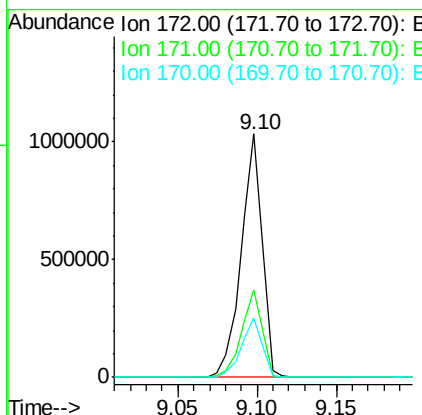
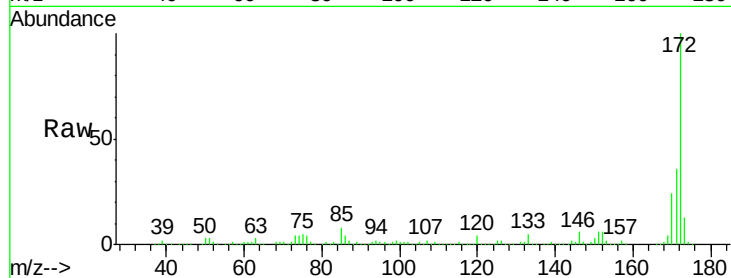




#44
2-Fluorobiphenyl
Concen: 69.53 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098017.D
Acq: 24 Aug 2017 22:22

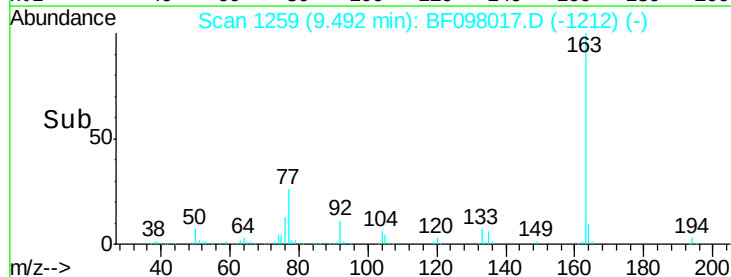
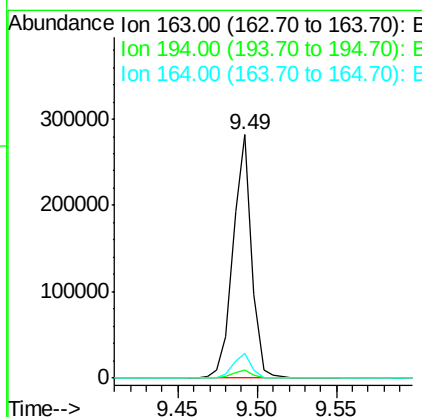
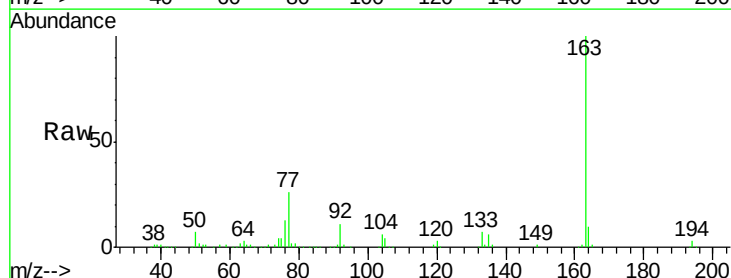
Instrument :
BNA_F
ClientSampled :
RWB-3

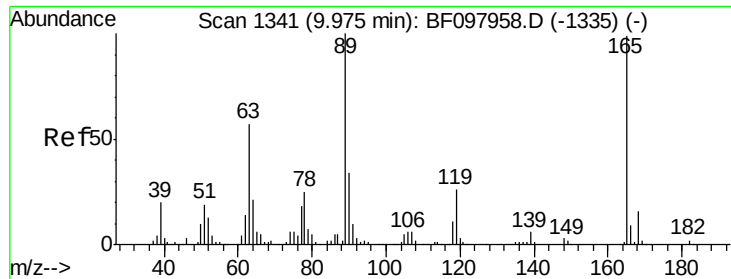
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.3	19.8	29.8



#49
Dimethylphthalate
Concen: 15.72 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098017.D
Acq: 24 Aug 2017 22:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6

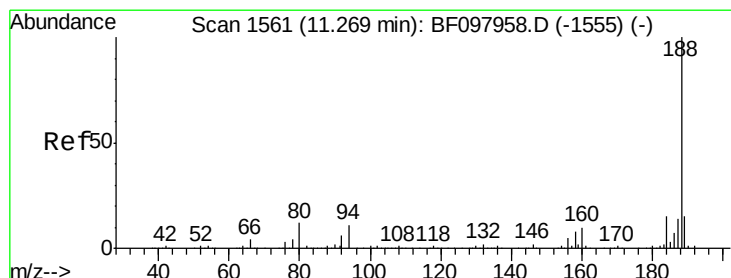
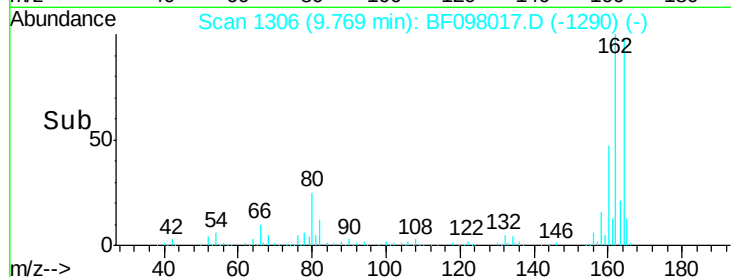
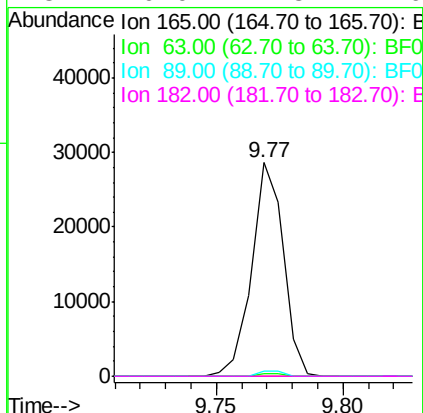
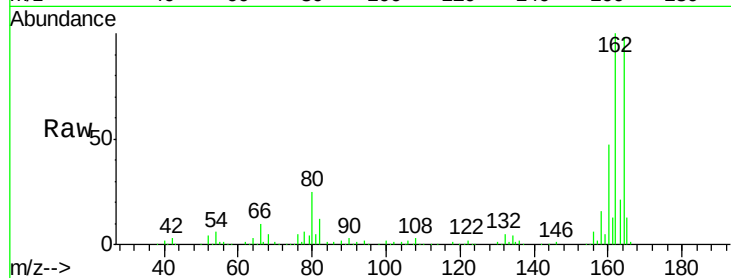




#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098017.D
 Acq: 24 Aug 2017 22:22

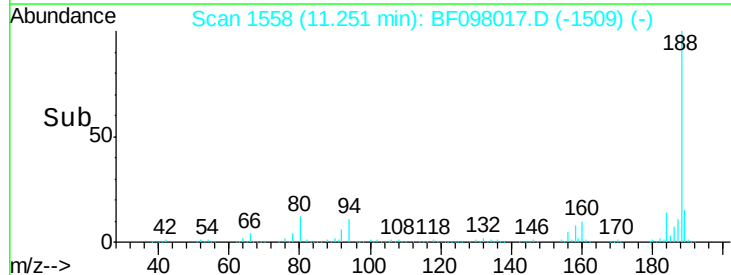
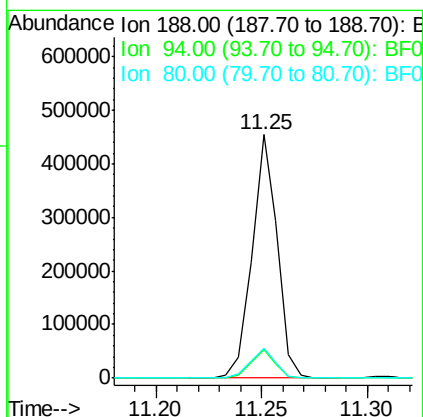
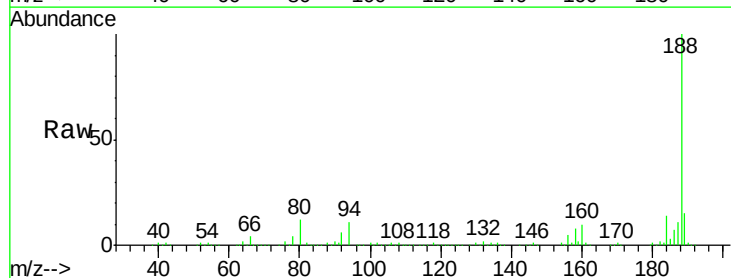
Instrument :
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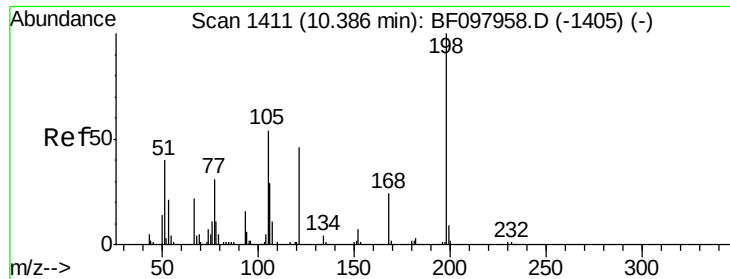
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098017.D
 Acq: 24 Aug 2017 22:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.1	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.54 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF098017.D

Acq: 24 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

RWB-3

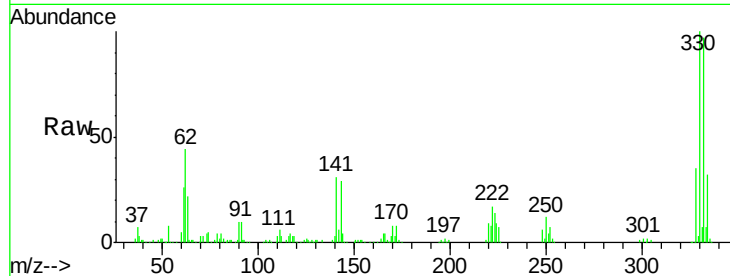
Tot Ion:198 Resp: 473

Ion Ratio Lower Upper

198 100

51 133.4 53.2 93.2#

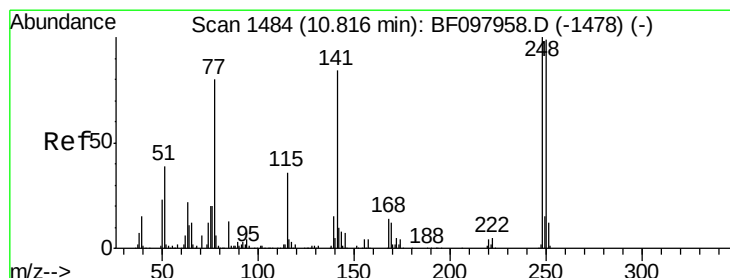
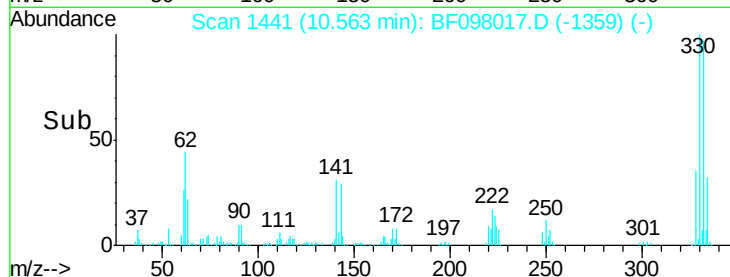
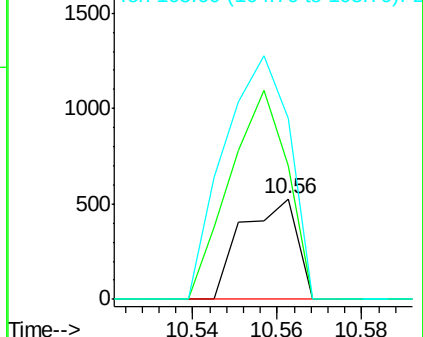
105 179.5 45.8 85.8#



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: 3.93 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF098017.D

Acq: 24 Aug 2017 22:22

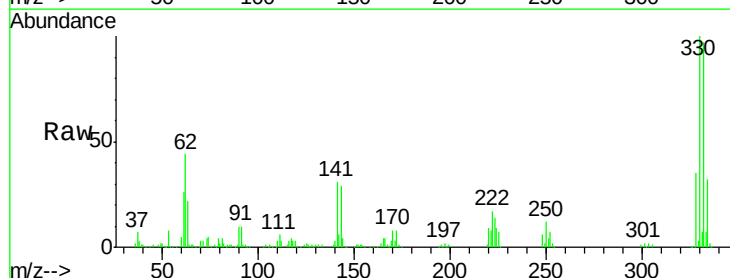
Tgt Ion:248 Resp: 15274

Ion Ratio Lower Upper

248 100

250 186.0 76.8 115.2#

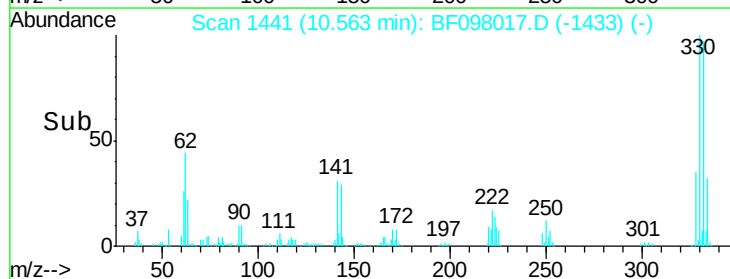
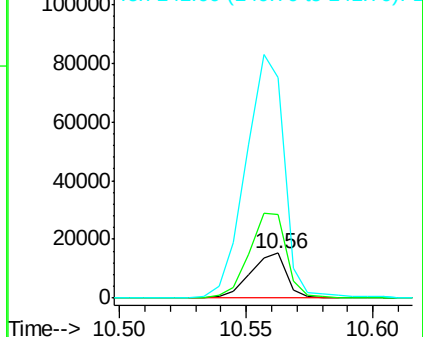
141 489.2 68.6 103.0#

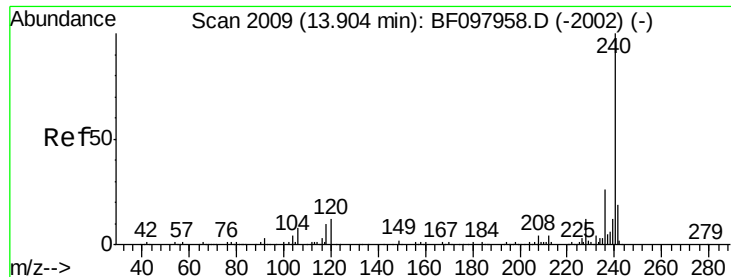


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098017.D

Acq: 24 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

RWB-3

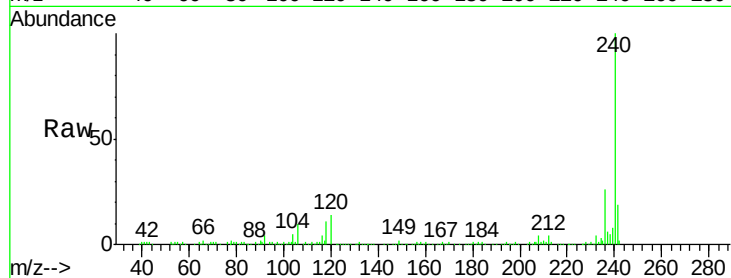
Tot Ion:240 Resp: 273087

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

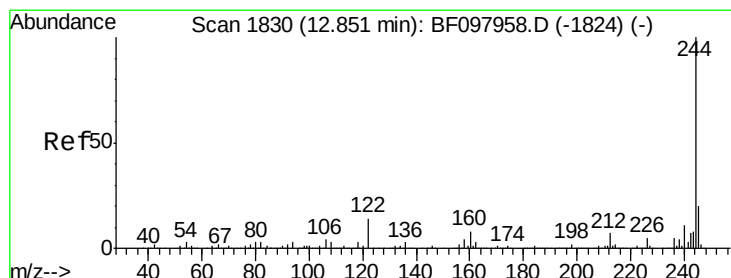
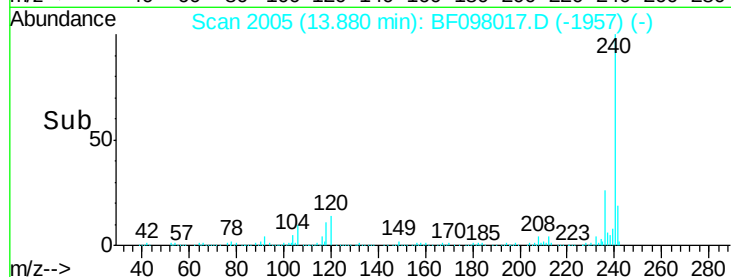
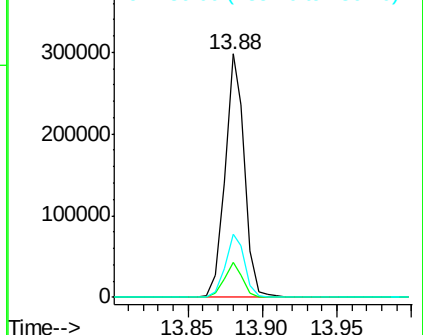
236 26.0 20.5 30.7



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: 56.23 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098017.D

Acq: 24 Aug 2017 22:22

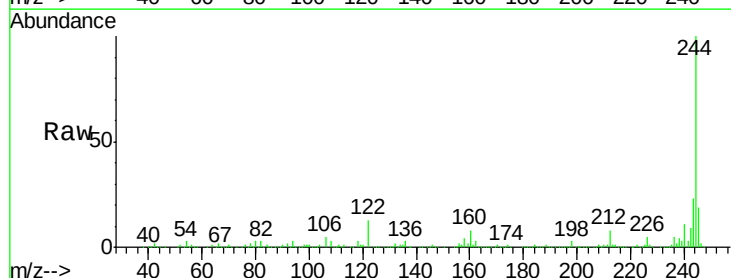
Tgt Ion:244 Resp: 736333

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

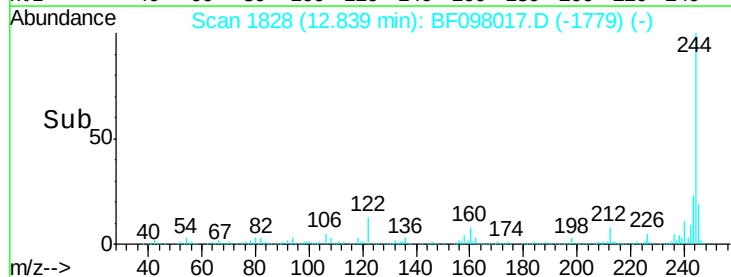
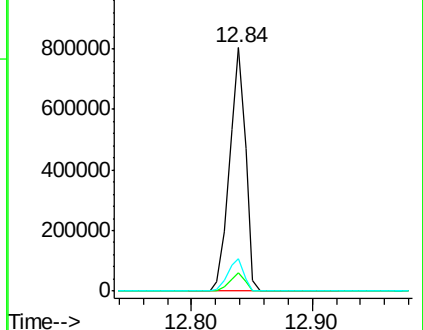
122 13.3 10.3 15.5

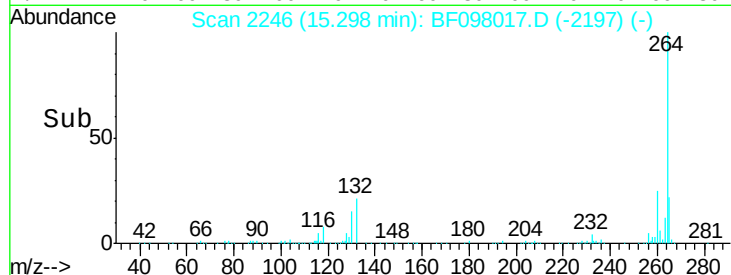
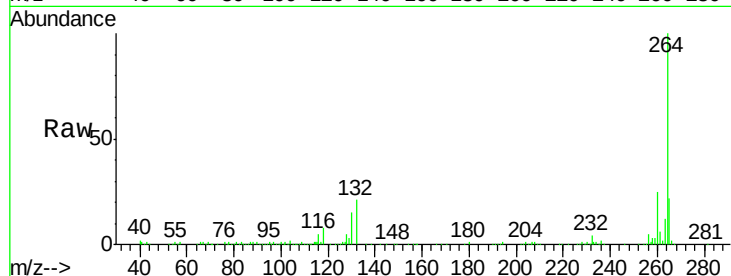
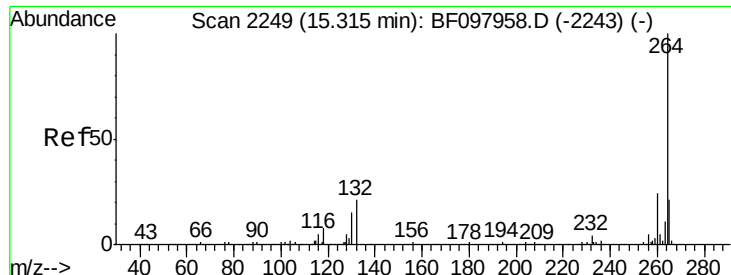


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098017.D
Acq: 24 Aug 2017 22:22

Instrument :
BNA_F
ClientSampleId :
RWB-3

Tot Ion:264	Resp:	240339
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.5 29.3
265	22.4	17.2 25.8

