

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098040.D
 Acq On : 25 Aug 2017 19:50
 Operator : SJ/JU
 Sample : I4947-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELIZABETH-RO-COMP-A

Quant Time: Aug 25 23:21:42 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

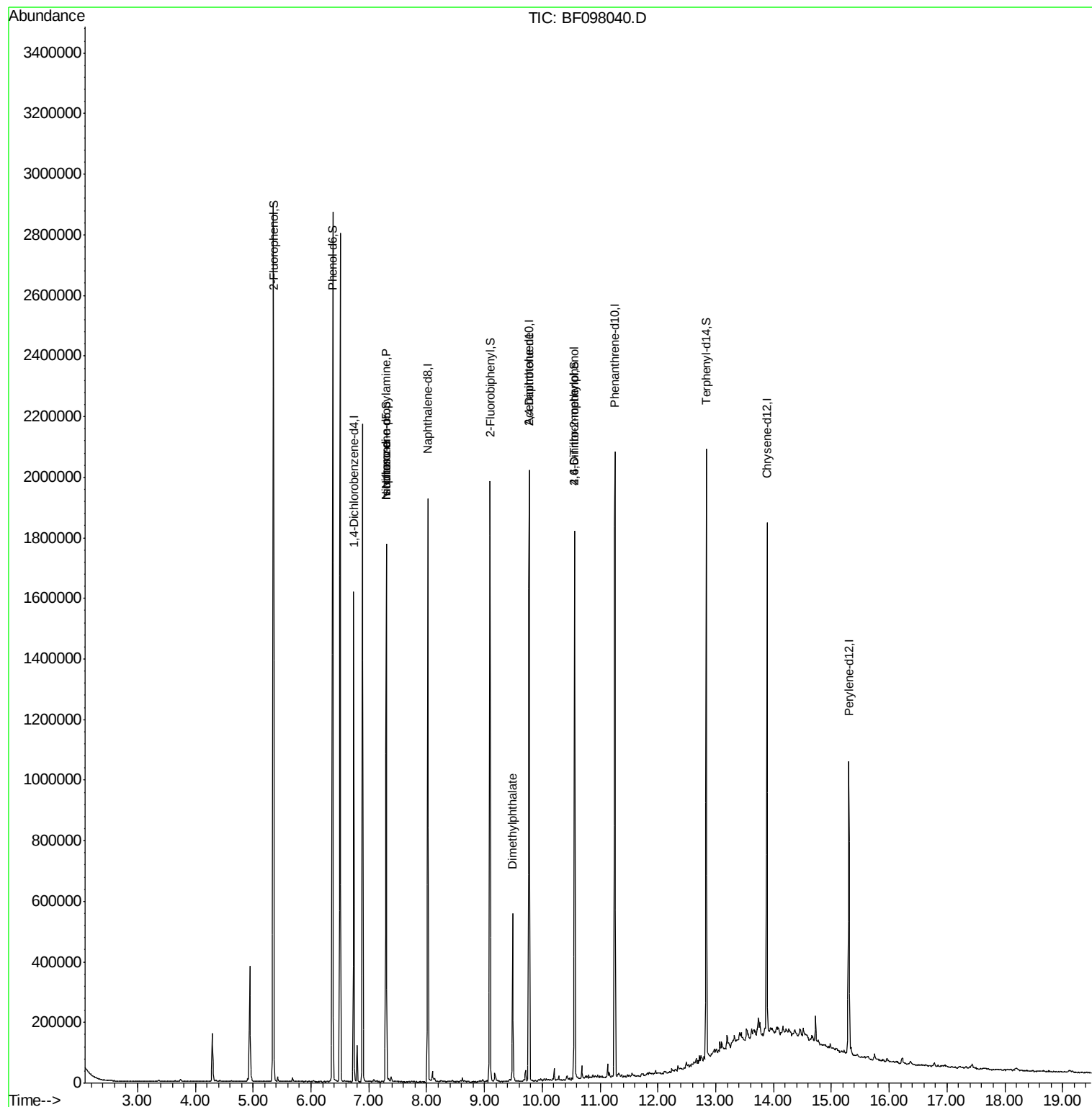
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	221614	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	877318	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	394618	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	754570	20.00	ng	0.00
75) Chrysene-d12	13.89	240	584706	20.00	ng	-0.01
86) Perylene-d12	15.30	264	434603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	884776	60.73	ng	0.00
7) Phenol-d6	6.37	99	1201201	60.68	ng	-0.01
23) Nitrobenzene-d5	7.30	82	724081	44.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	220580	64.42	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	649187	24.17	ng	-0.01
78) Terphenyl-d14	12.84	244	621901	22.18	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	98524	7.27	ng	# 71
25) Isophorone	7.30	82	704190	20.97	ng	# 67
49) Dimethylphthalate	9.49	163	194911	6.76	ng	99
56) 2,4-Dinitrotoluene	9.77	165	51432	7.12	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	548	8.45	ng	# 1

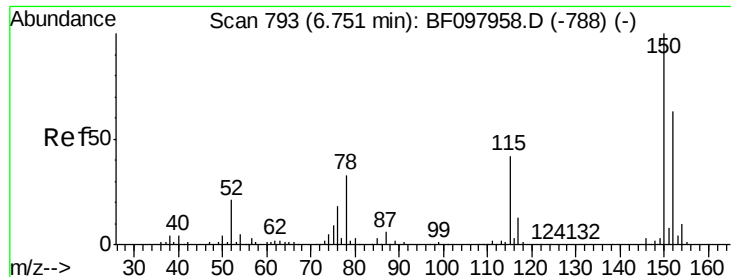
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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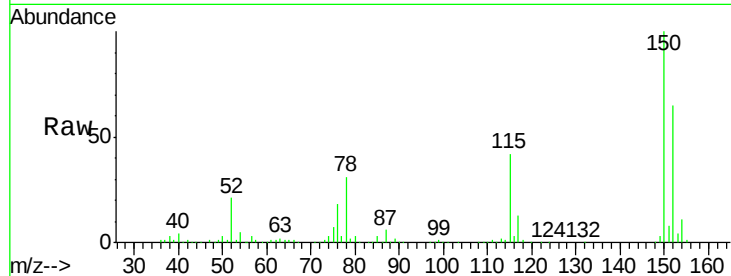


#1

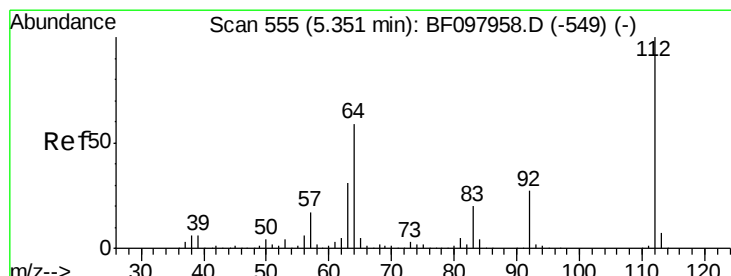
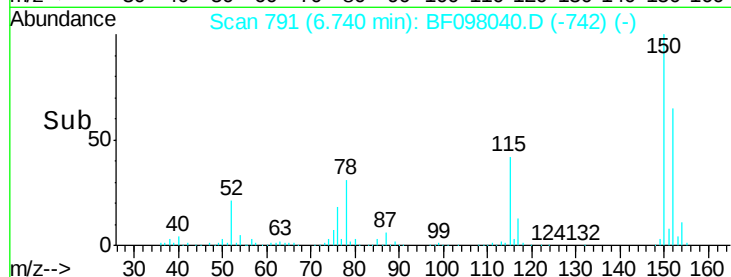
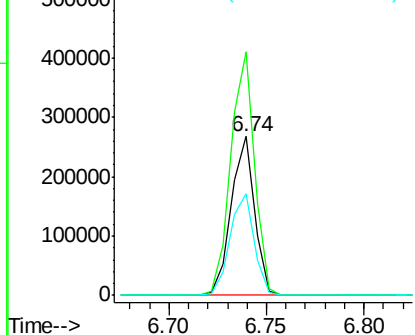
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098040.D
Acq: 25 Aug 2017 19:50

Instrument :
BNA_F
ClientSampleId :
ELIZABETH-RO-COMP-A

Tot Ion:152 Resp: 221614
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 64.3 52.2 78.2



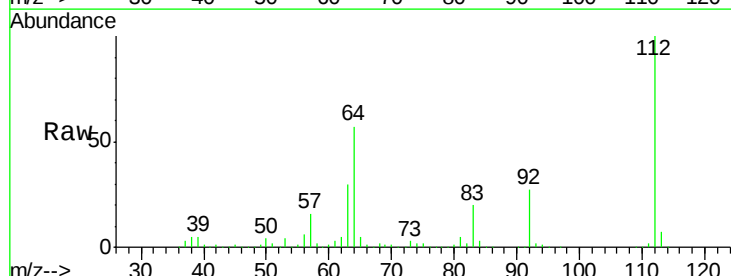
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



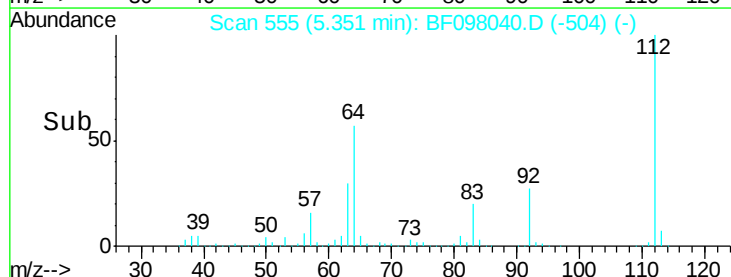
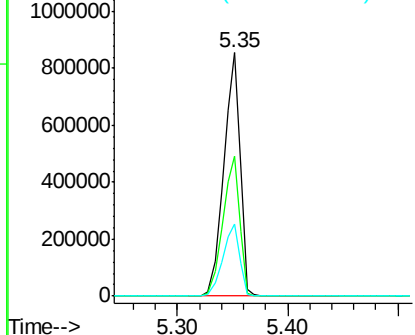
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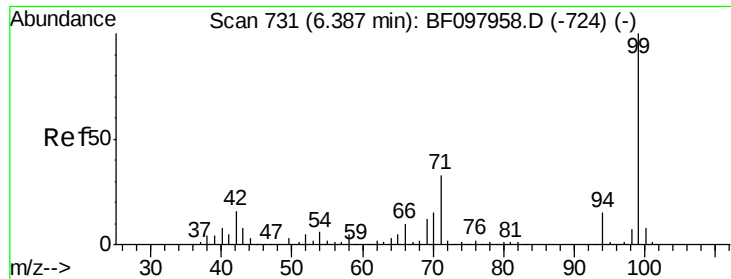
2-Fluorophenol
Concen: 60.73 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098040.D
Acq: 25 Aug 2017 19:50

Tgt Ion:112 Resp: 884776
Ion Ratio Lower Upper
112 100
64 57.4 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: 60.68 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

Instrument :

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ELIZABETH-RO-COMP-A

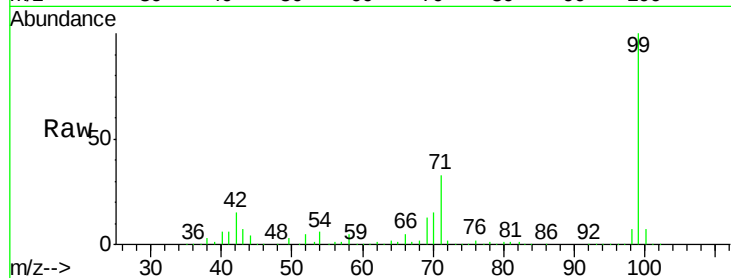
Tot Ion: 99 Resp: 1201201

Ion Ratio Lower Upper

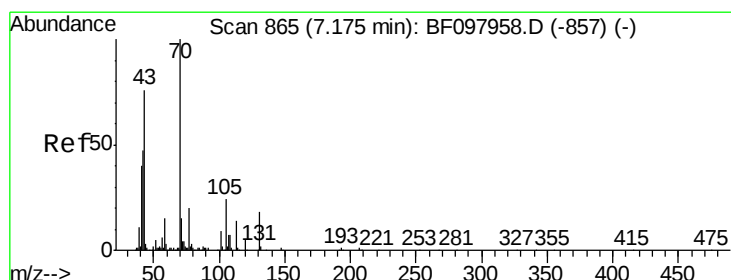
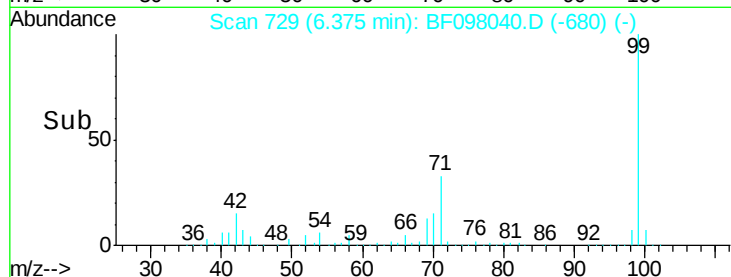
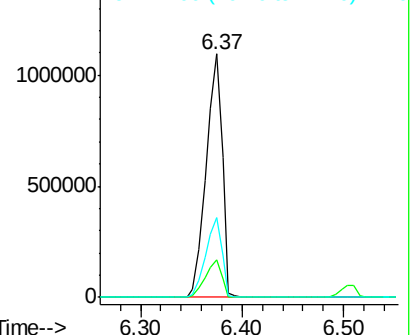
99 100

42 15.3 13.5 20.3

71 32.7 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: 7.27 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

Tgt Ion: 70 Resp: 98524

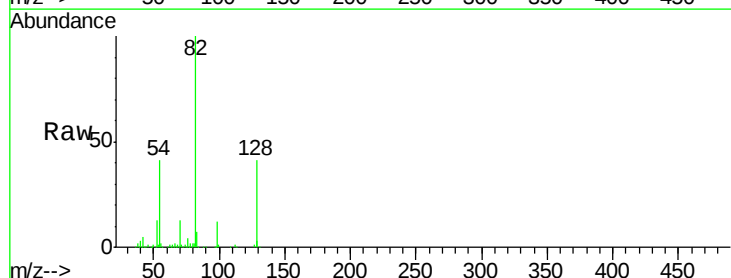
Ion Ratio Lower Upper

70 100

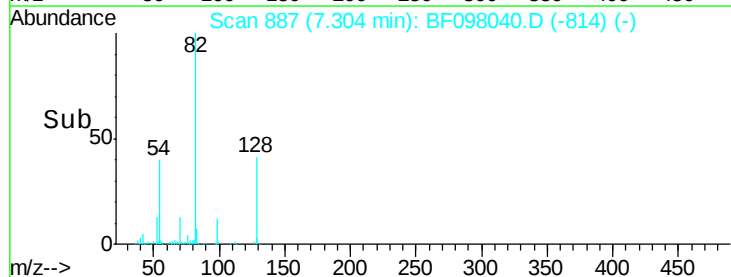
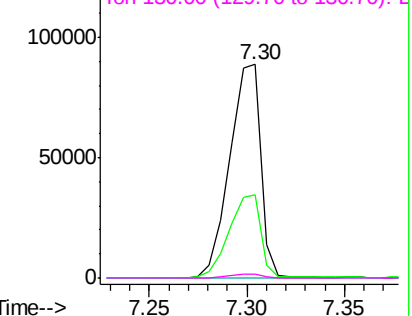
42 39.2 47.2 70.8#

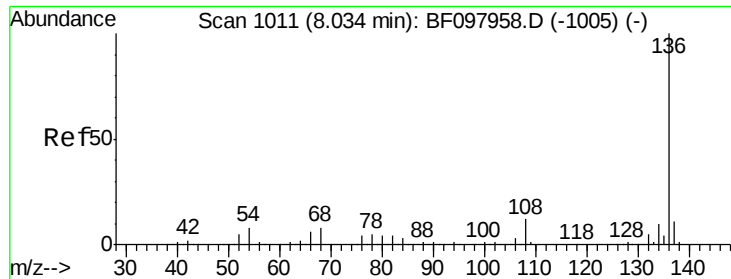
101 0.0 7.2 10.8#

130 2.0 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: 20.00 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

Instrument :

BNA_F

ClientSampleId :

ELIZABETH-RO-COMP-A

Tot Ion:136 Resp: 877318

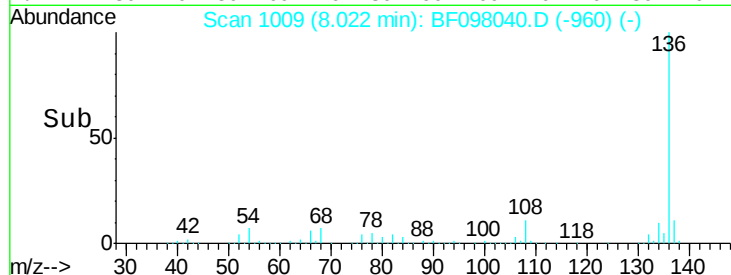
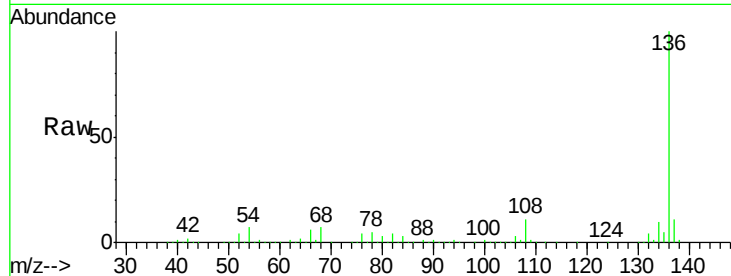
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 7.3 4.1 6.1#

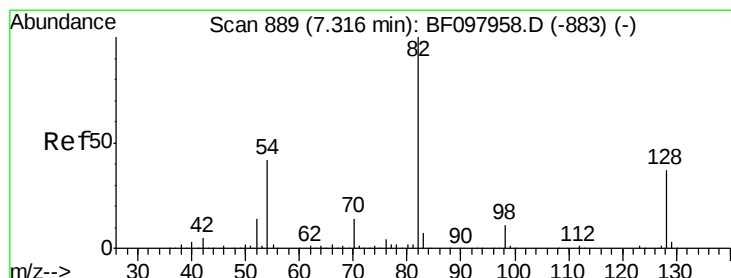
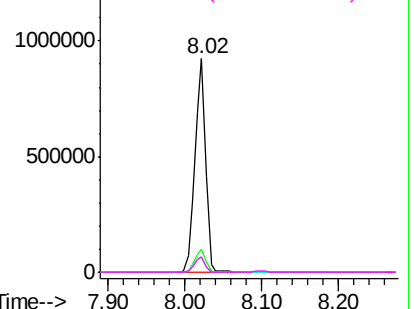


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.84 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

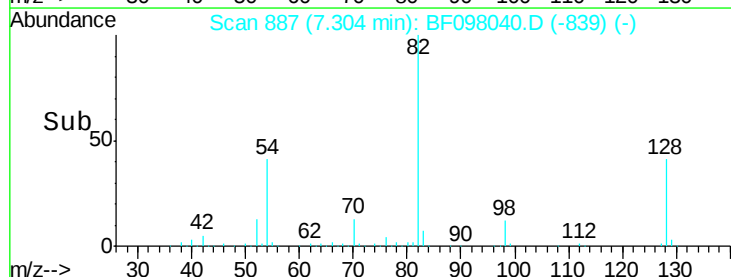
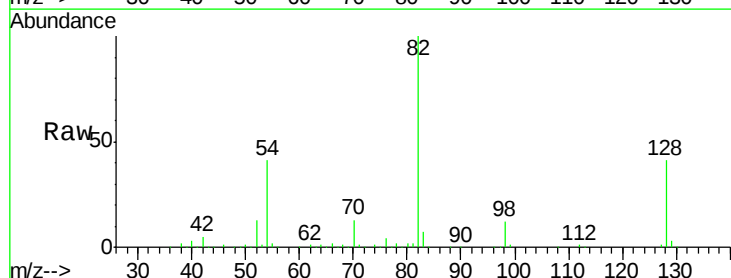
Tgt Ion: 82 Resp: 724081

Ion Ratio Lower Upper

82 100

128 41.0 34.0 51.0

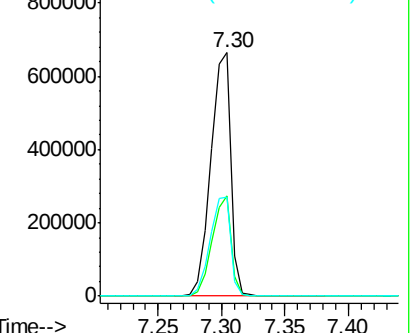
54 40.6 42.2 63.2#

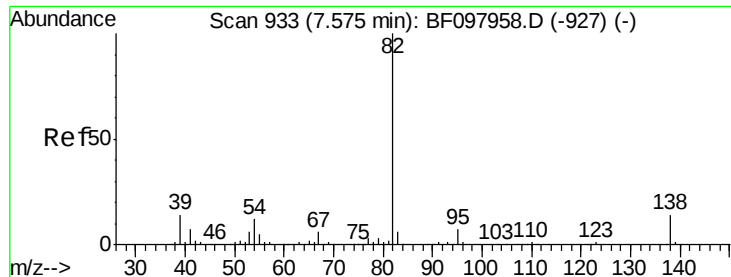


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 20.97 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

Instrument :

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ELIZABETH-RO-COMP-A

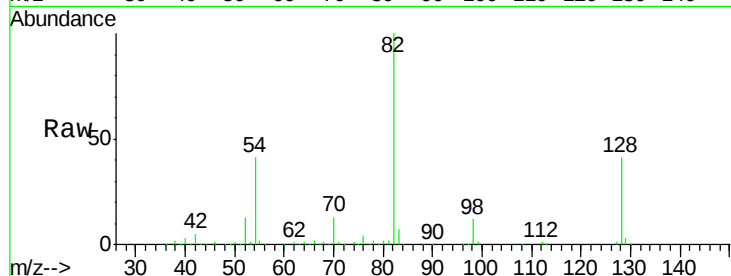
Tot Ion: 82 Resp: 704190

Ion Ratio Lower Upper

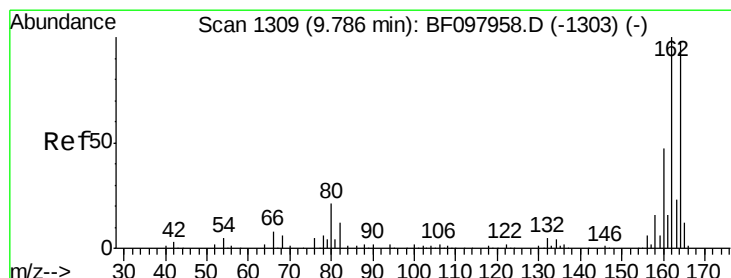
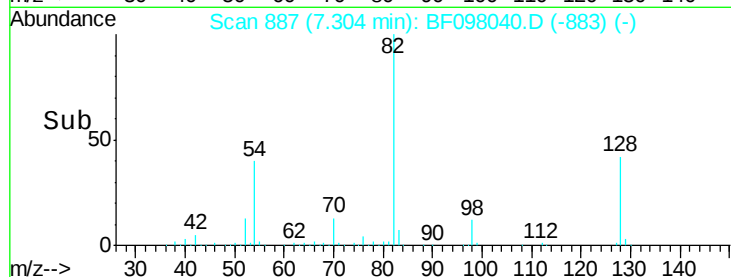
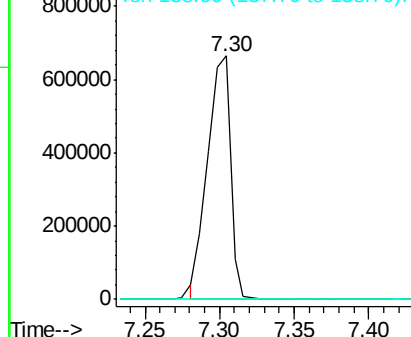
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

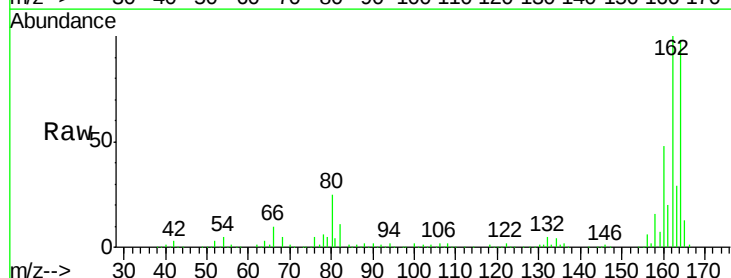
Tgt Ion:164 Resp: 394618

Ion Ratio Lower Upper

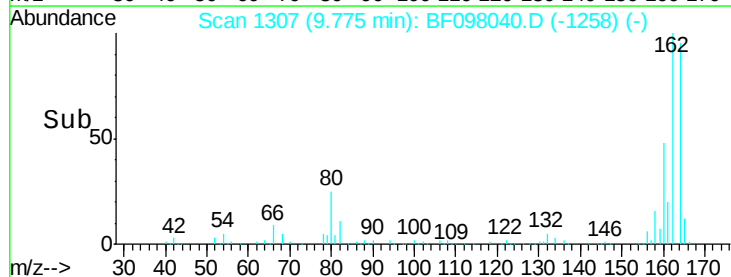
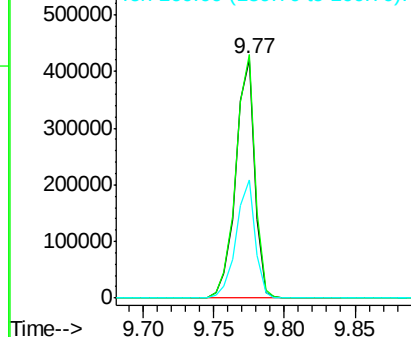
164 100

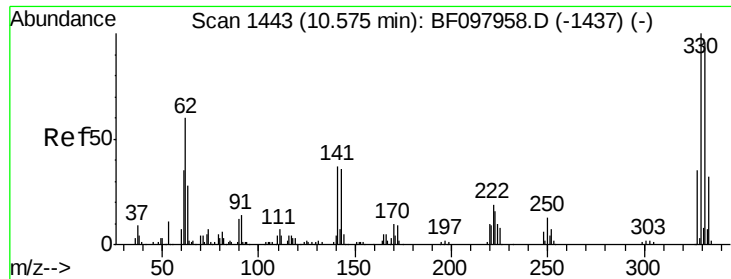
162 101.9 82.6 123.8

160 49.2 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

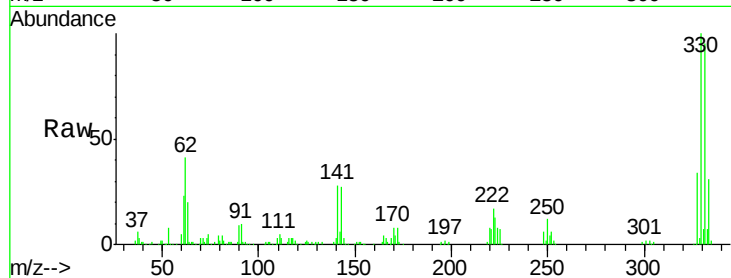




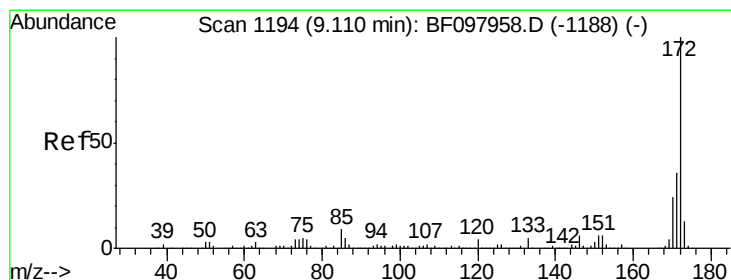
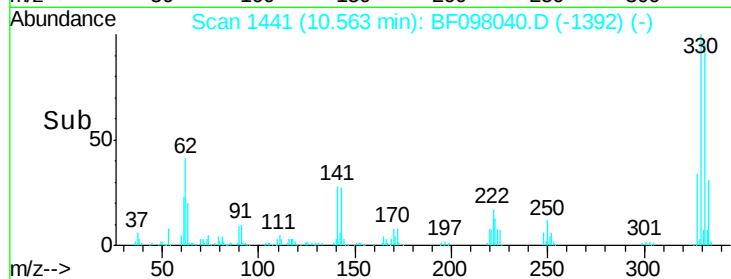
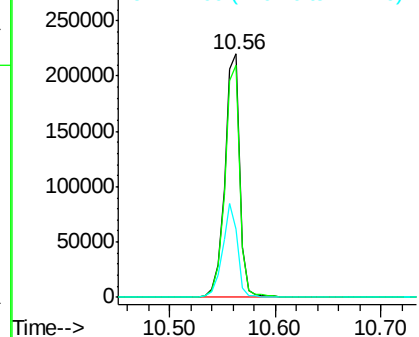
#41
 2,4,6-Tribromophenol
 Concen: 64.42 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098040.D
 Acq: 25 Aug 2017 19:50

Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.5	31.4	47.2

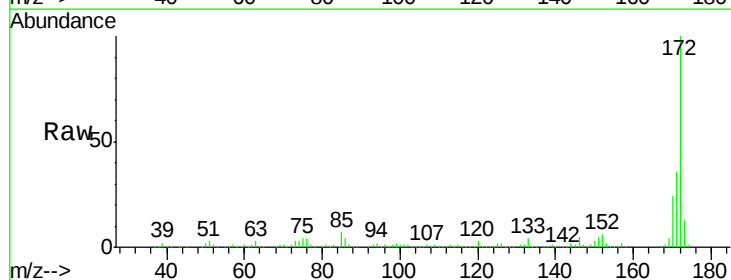


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

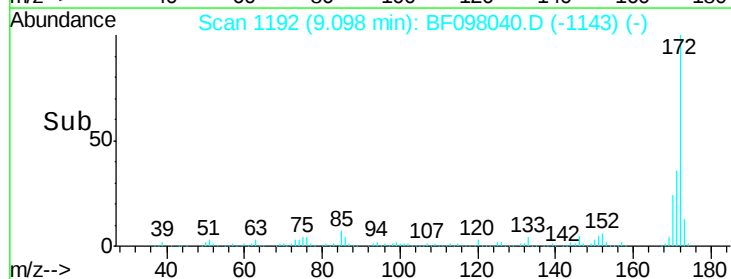
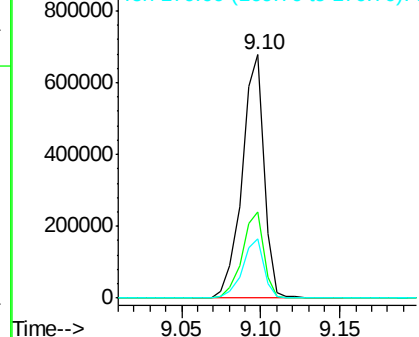


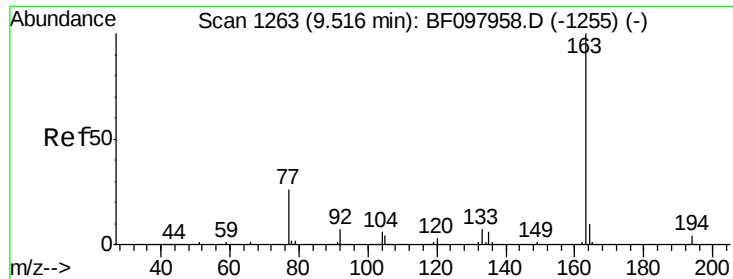
#44
 2-Fluorobiphenyl
 Concen: 24.17 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098040.D
 Acq: 25 Aug 2017 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

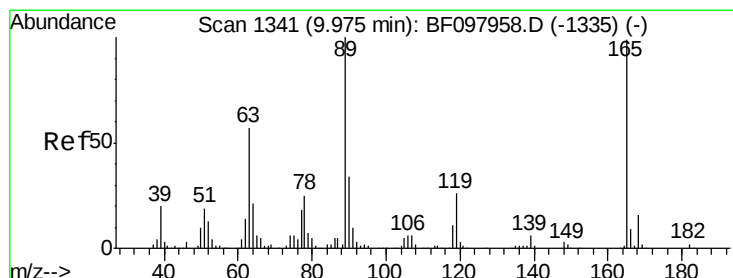
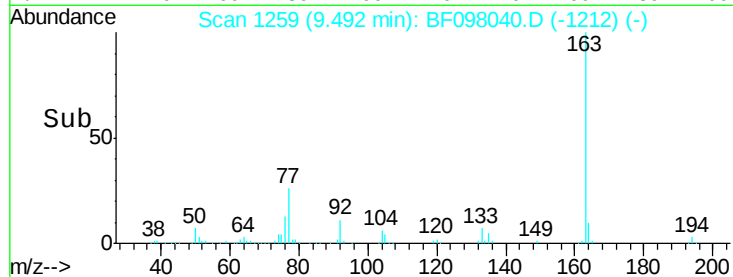
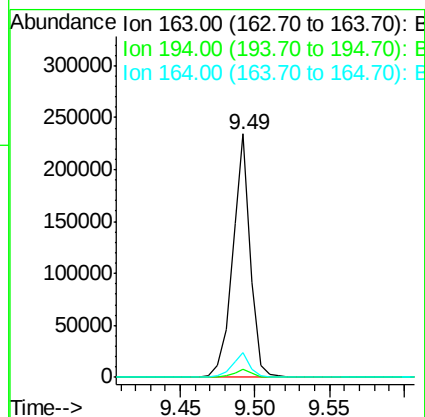
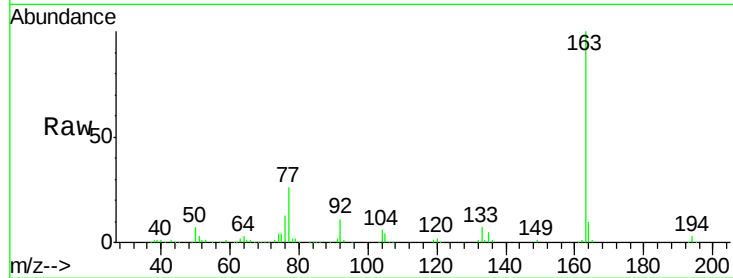




#49
Dimethylphthalate
Concen: 6.76 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098040.D
Acq: 25 Aug 2017 19:50

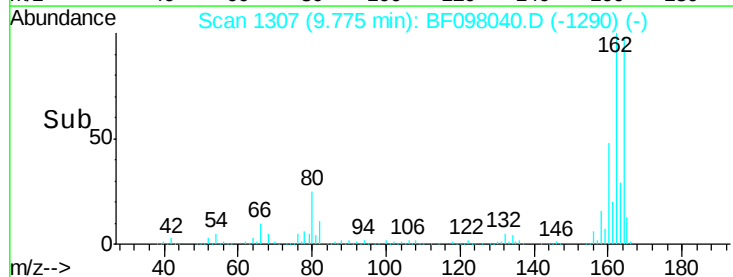
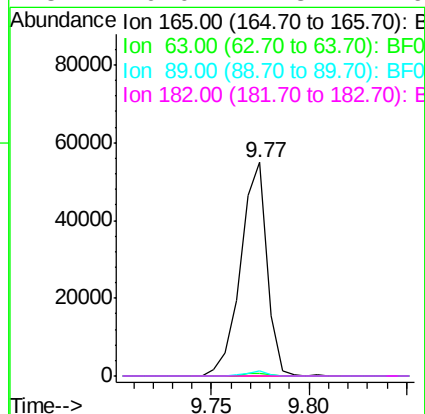
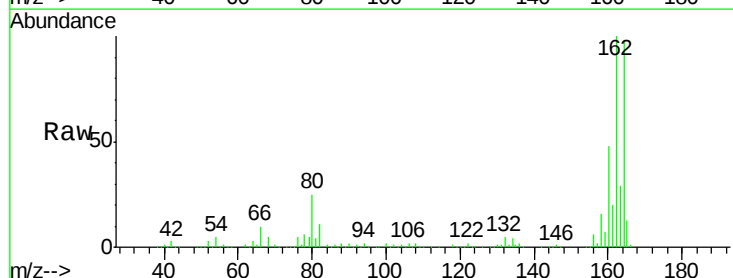
Instrument :
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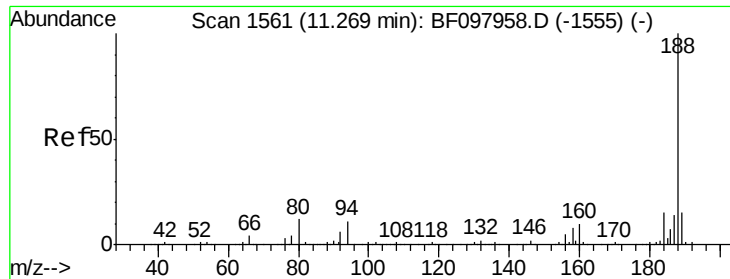
Tot Ion:	163	Resp:	194911
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 7.12 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098040.D
Acq: 25 Aug 2017 19:50

Tgt Ion:	165	Resp:	51432
Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

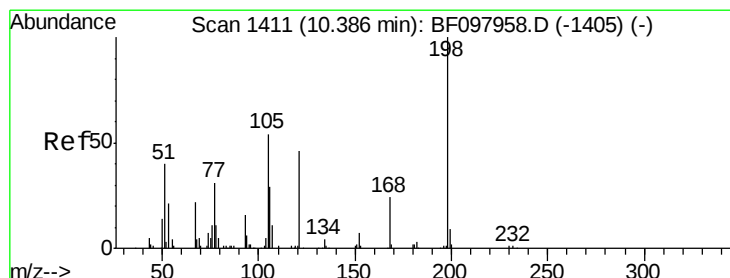
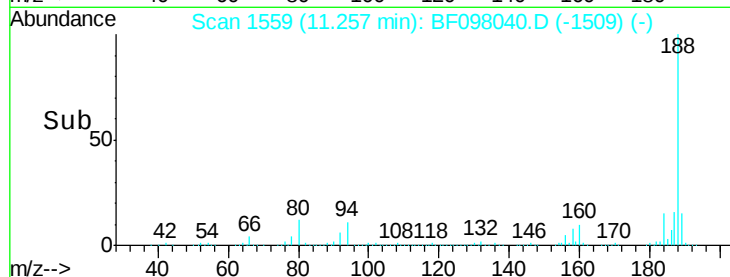
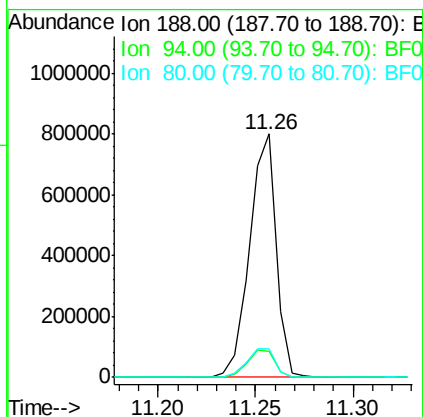
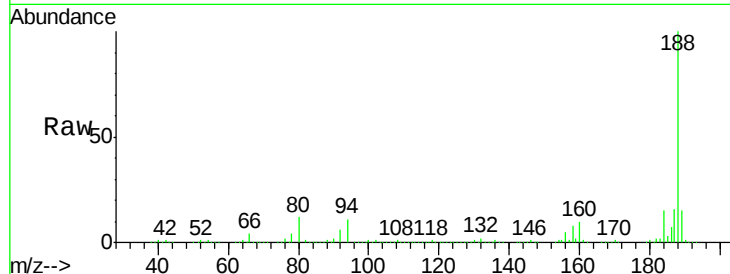




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098040.D
Acq: 25 Aug 2017 19:50

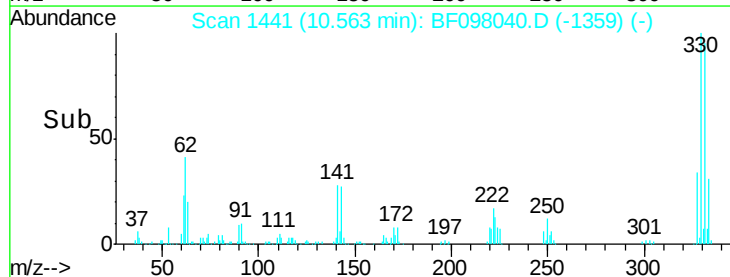
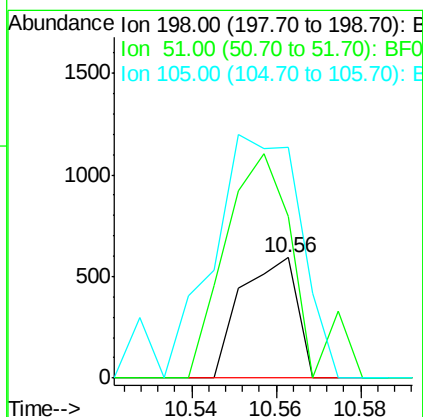
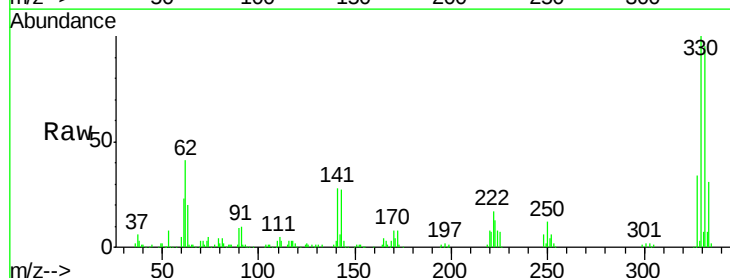
Instrument :
BNA_F
ClientSampleId :
ELIZABETH-RO-COMP-A

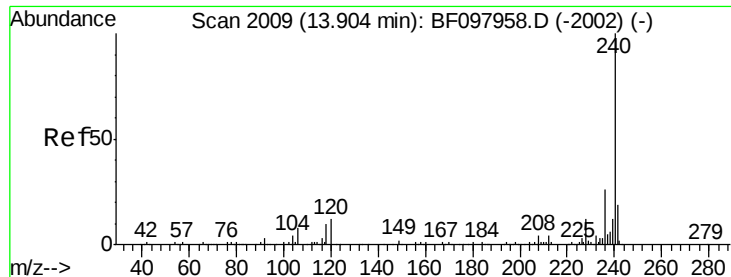
Tot Ion:188 Resp: 754570
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.45 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098040.D
Acq: 25 Aug 2017 19:50

Tgt Ion:198 Resp: 548
Ion Ratio Lower Upper
198 100
51 133.7 53.2 93.2#
105 191.1 45.8 85.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

Instrument :

BNA_F

ClientSampleId :

ELIZABETH-RO-COMP-A

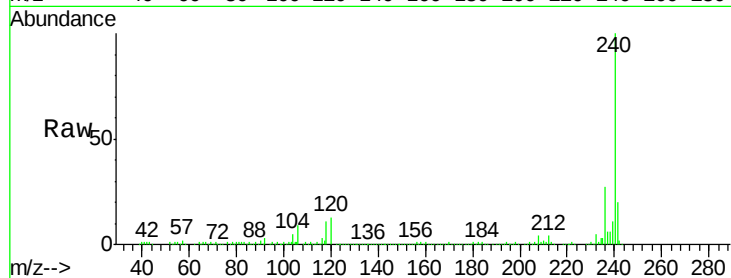
Tot Ion:240 Resp: 584706

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

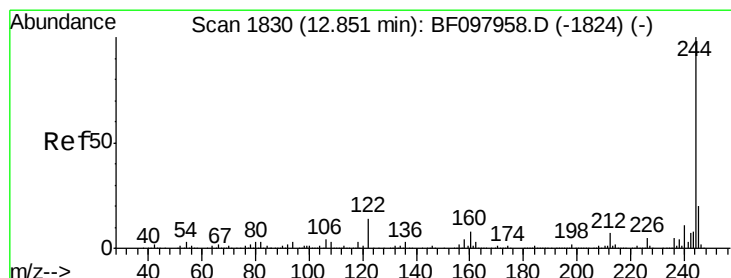
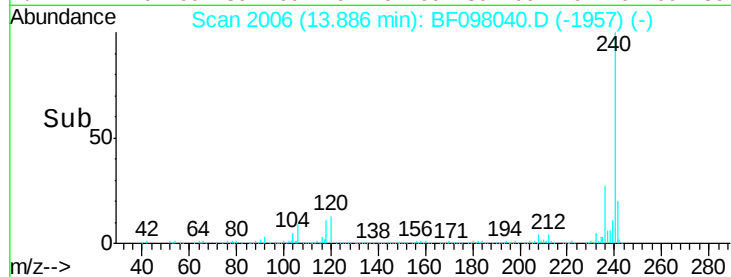
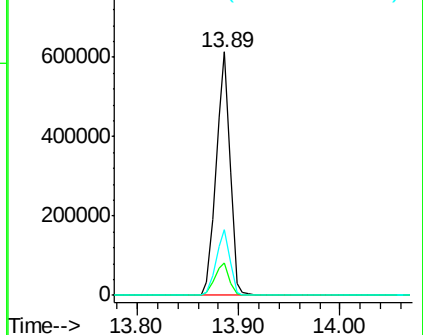
236 27.2 20.5 30.7



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: 22.18 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098040.D

Acq: 25 Aug 2017 19:50

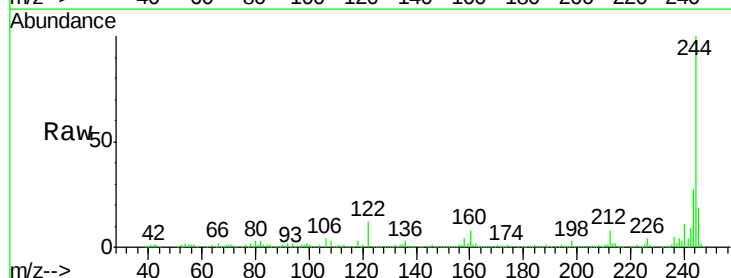
Tgt Ion:244 Resp: 621901

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

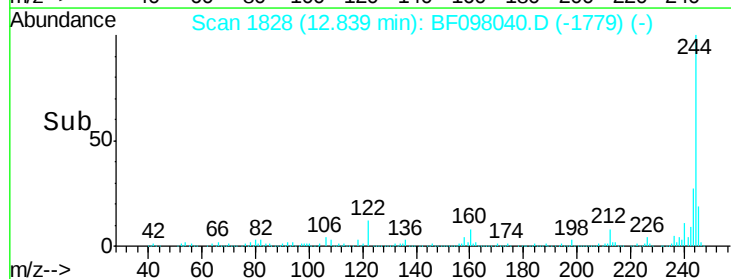
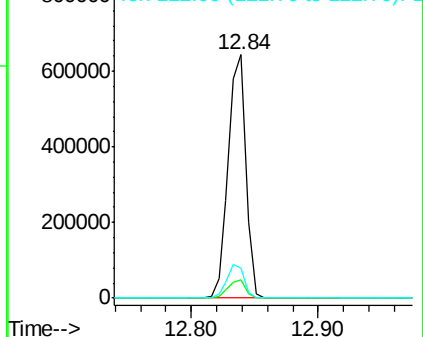
122 12.4 10.3 15.5

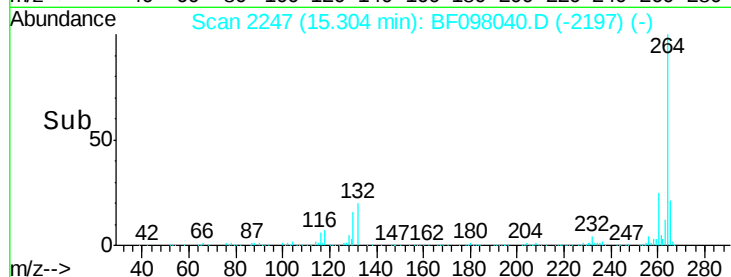
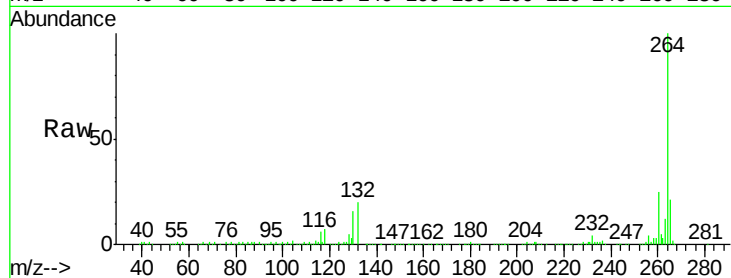
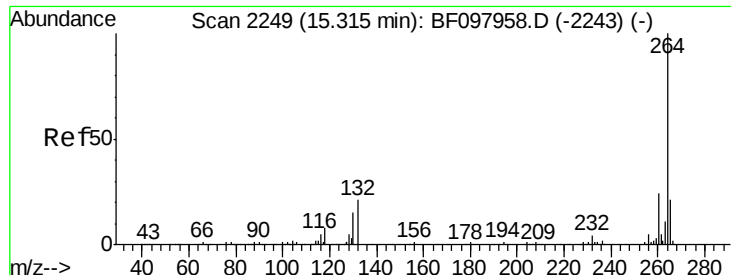


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098040.D
 Acq: 25 Aug 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 ELIZABETH-RO-COMP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.1	17.2	25.8

