

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098041.D
 Acq On : 25 Aug 2017 20:18
 Operator : SJ/JU
 Sample : I4947-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 25 23:21:59 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

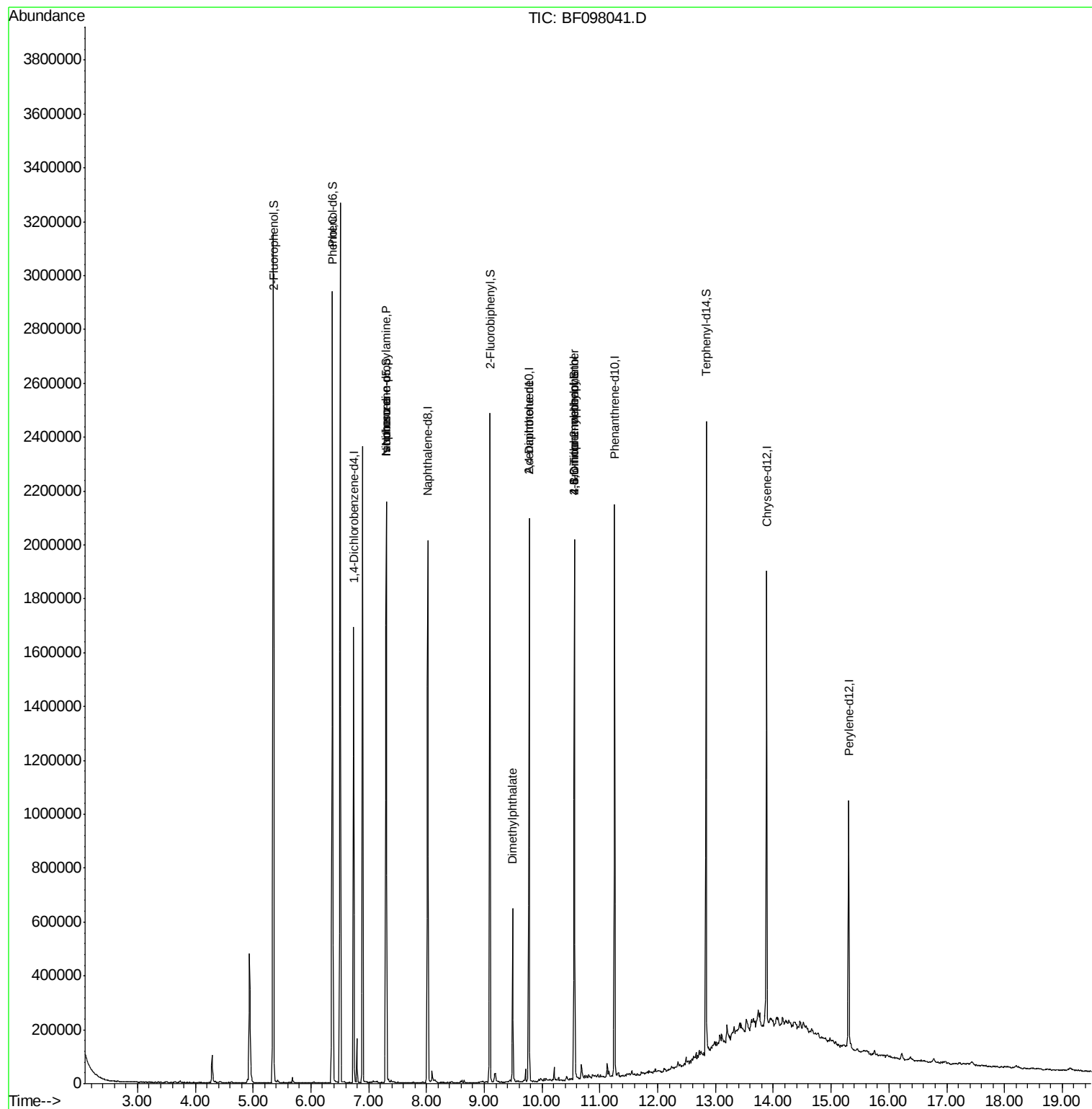
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	223004	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	881422	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	398401	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	758559	20.00	ng	0.00
75) Chrysene-d12	13.89	240	556206	20.00	ng	-0.01
86) Perylene-d12	15.30	264	424863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1013832	69.15	ng	0.00
7) Phenol-d6	6.37	99	1379521	69.25	ng	-0.01
23) Nitrobenzene-d5	7.30	82	831676	51.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	249872	72.28	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	772745	28.50	ng	-0.01
78) Terphenyl-d14	12.84	244	685421	25.70	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	50604	2.17	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.30	70	112807	8.27	ng	# 70
25) Isophorone	7.30	82	813779	24.12	ng	# 67
49) Dimethylphthalate	9.49	163	227622	7.82	ng	99
56) 2,4-Dinitrotoluene	9.77	165	50957	6.99	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	567	8.45	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	16399	2.08	ng	# 1

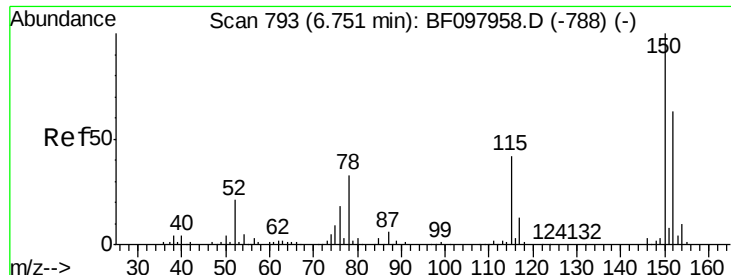
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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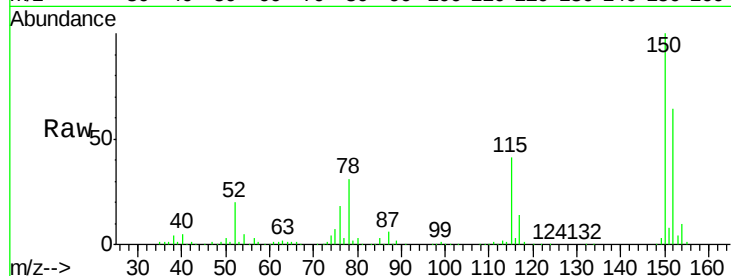




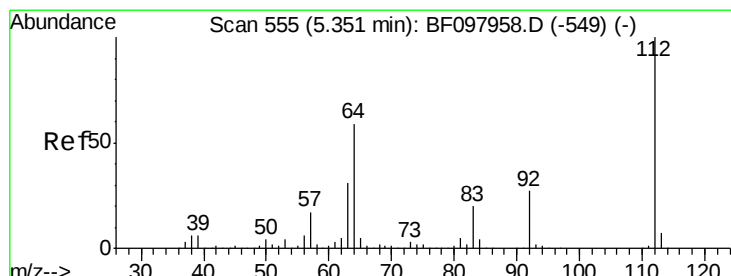
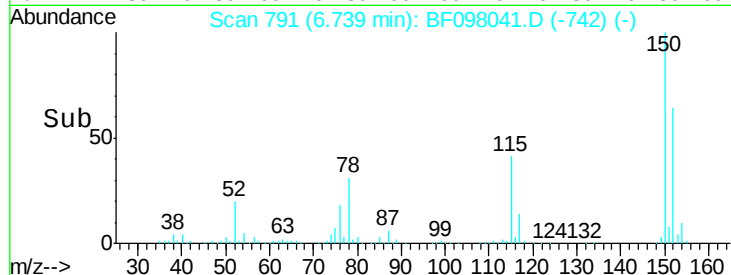
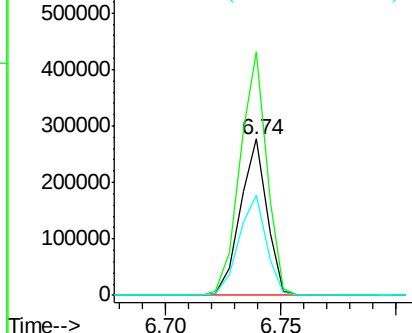
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

Instrument :
 BNA_F
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 ELIZABETH-RO-COMP-B

Tot Ion:152 Resp: 223004
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 64.4 52.2 78.2

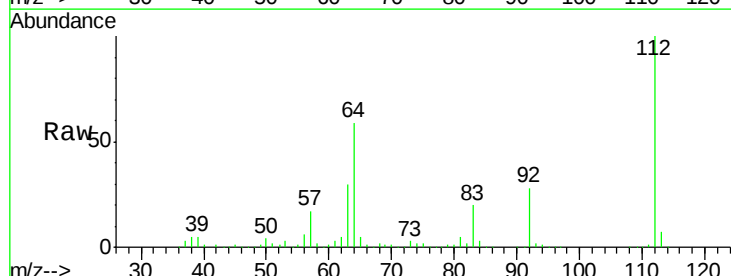


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

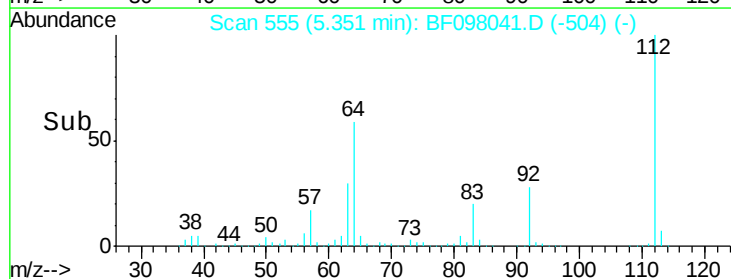
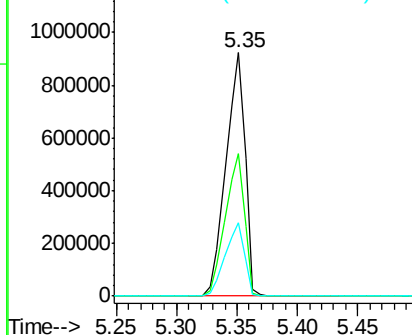


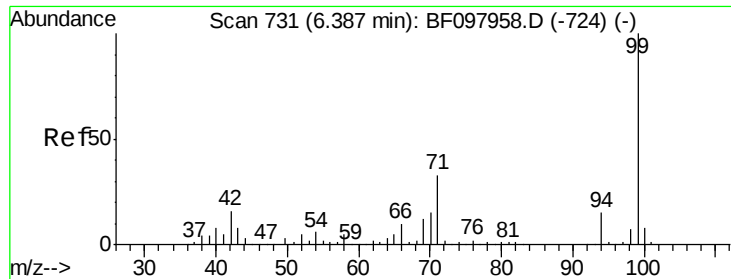
#5
 2-Fluorophenol
 Concen: 69.15 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

Tgt Ion:112 Resp: 1013832
 Ion Ratio Lower Upper
 112 100
 64 58.8 46.0 69.0
 63 29.9 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: 69.25 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098041.D

Acq: 25 Aug 2017 20:18

Instrument :

BNA_F

ClientSampleId :

ELIZABETH-RO-COMP-B

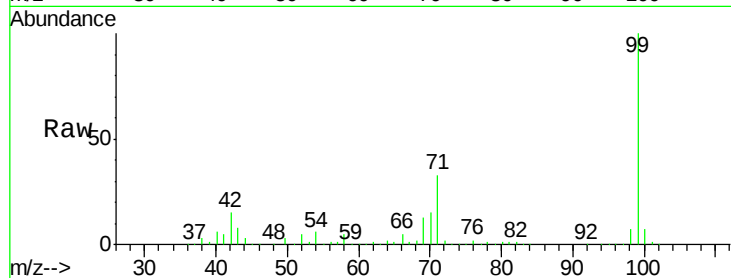
Tot Ion: 99 Resp: 1379521

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	33.1	24.5	36.7

99 100

42 15.3 13.5 20.3

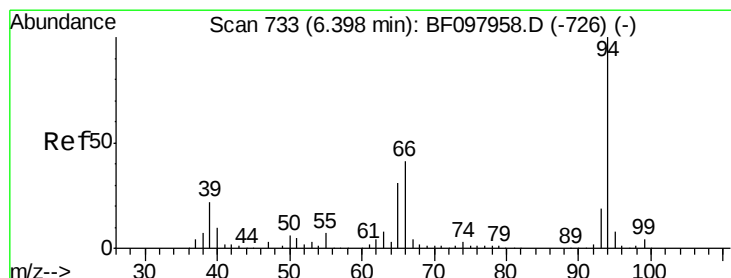
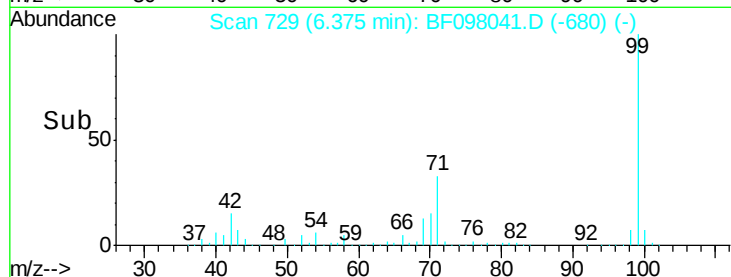
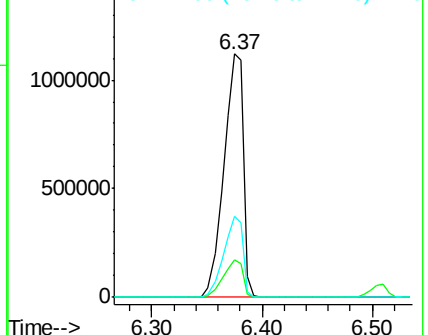
71 33.1 24.5 36.7



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: 2.17 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098041.D

Acq: 25 Aug 2017 20:18

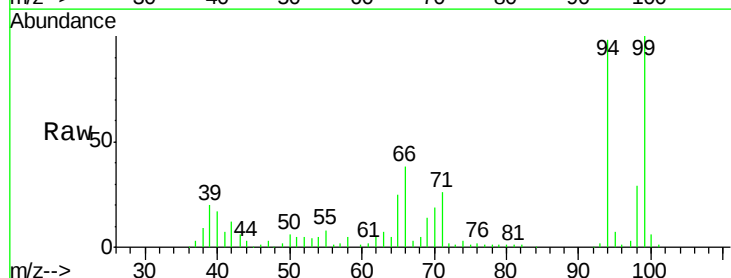
Tgt Ion: 94 Resp: 50604

Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	38.6	23.1	63.1

94 100

65 25.7 9.9 49.9

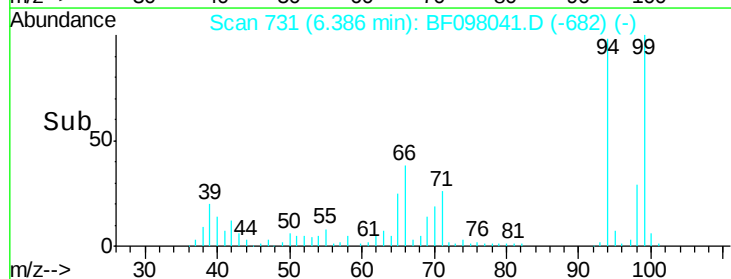
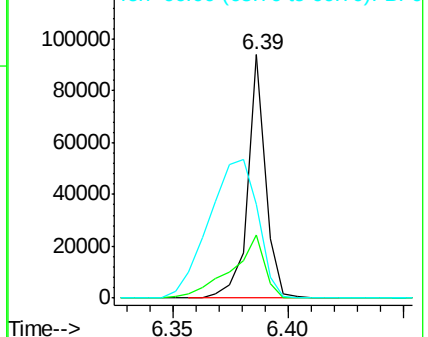
66 38.6 23.1 63.1

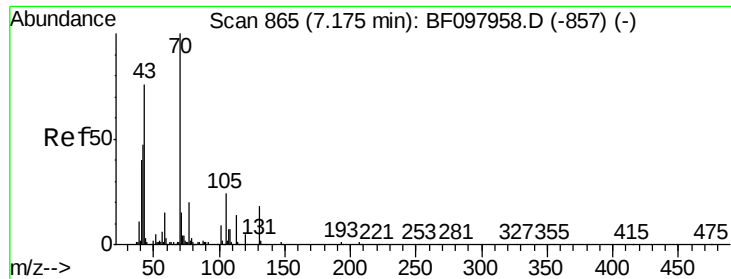


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

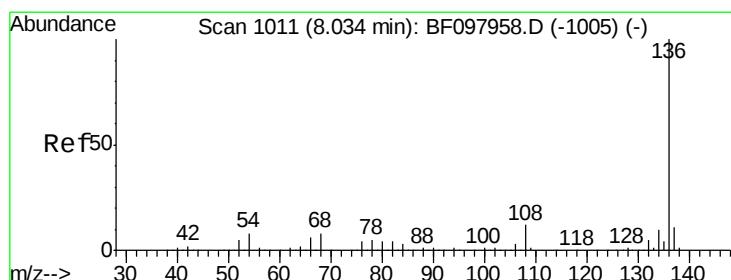
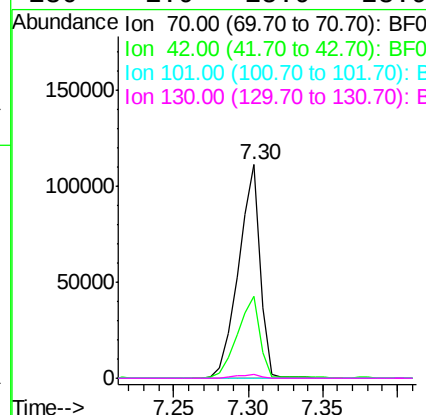
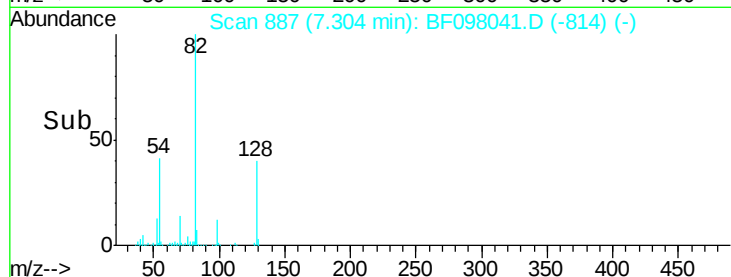
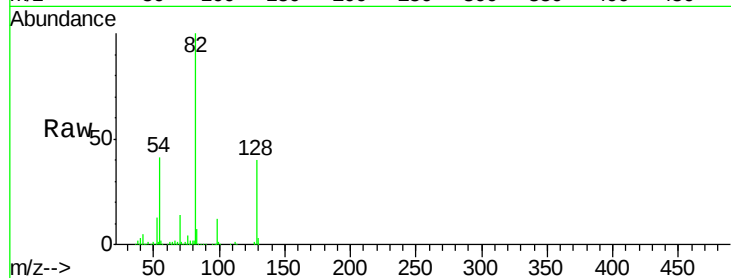




#19
n-Nitroso-di-n-propylamine
Concen: 8.27 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098041.D
Acq: 25 Aug 2017 20:18

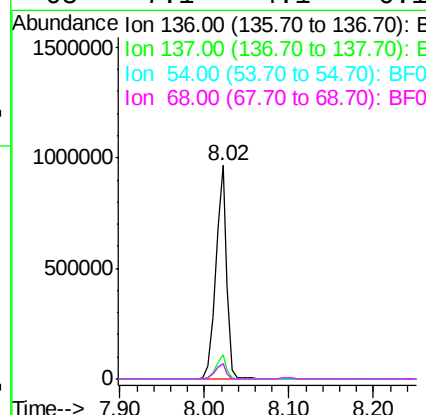
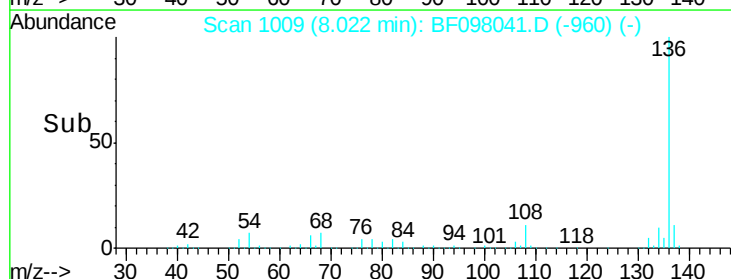
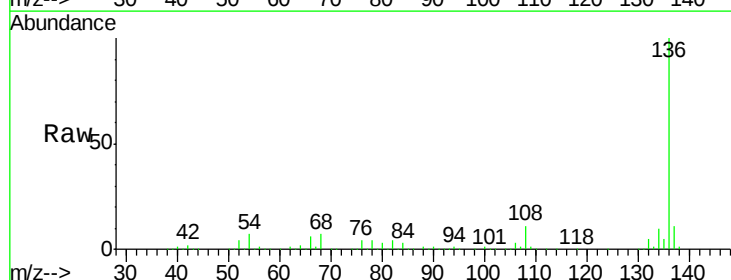
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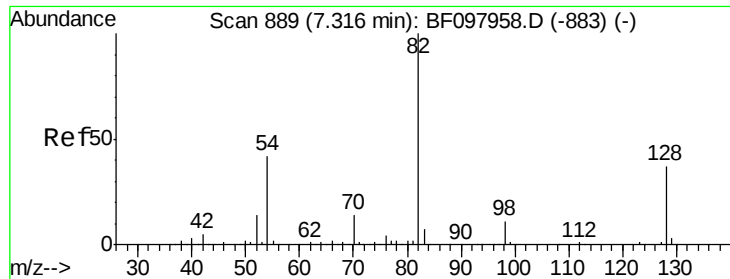
Tot Ion: 70 Resp: 112807
Ion Ratio Lower Upper
70 100
42 38.2 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098041.D
Acq: 25 Aug 2017 20:18

Tgt Ion: 136 Resp: 881422
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.5 4.9 7.3#
68 7.1 4.1 6.1#

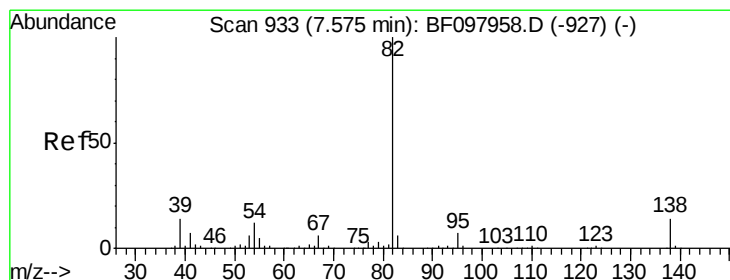
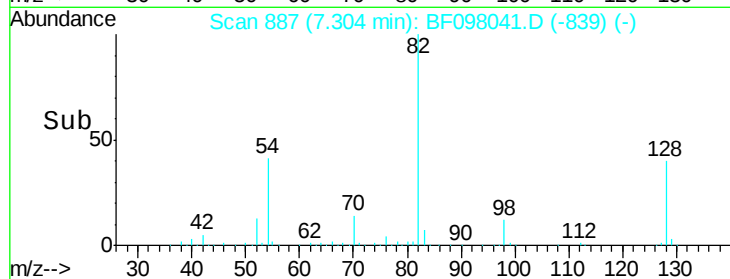
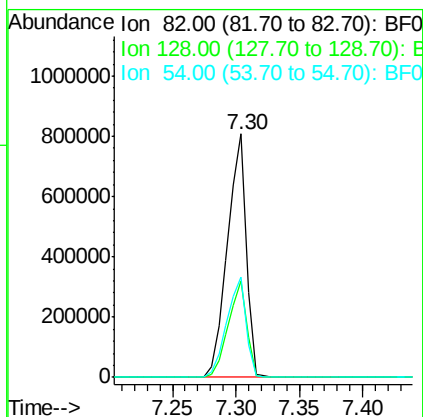
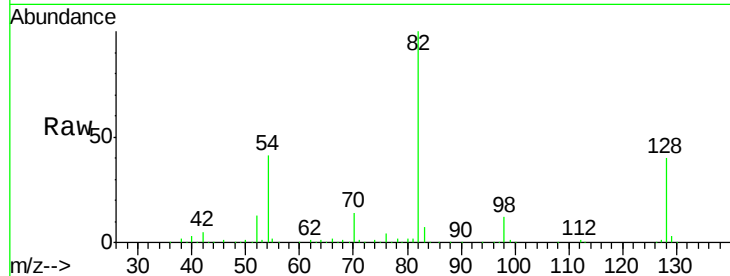




#23
 Nitrobenzene-d5
 Concen: 51.26 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

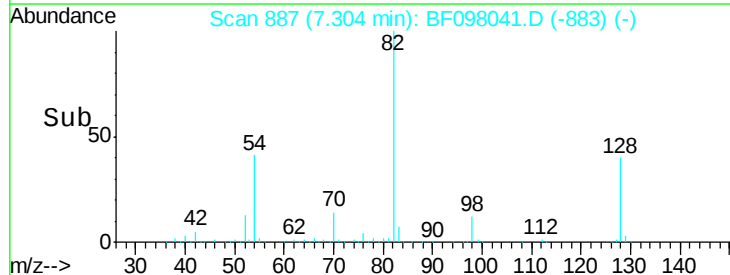
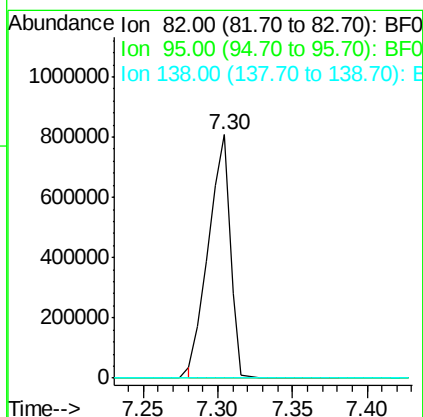
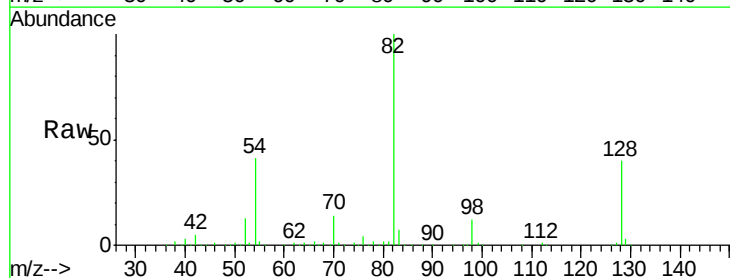
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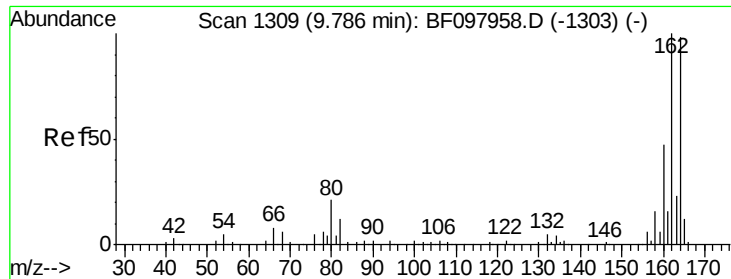
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	41.1	42.2	63.2#



#25
 Isophorone
 Concen: 24.12 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

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

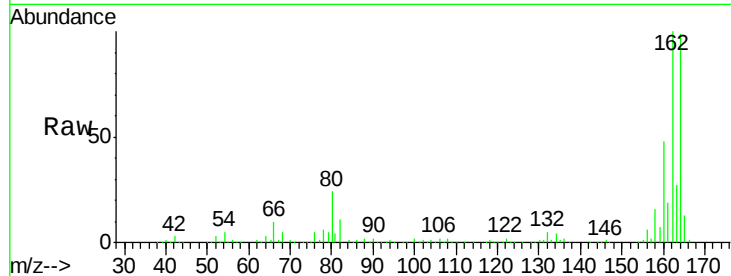




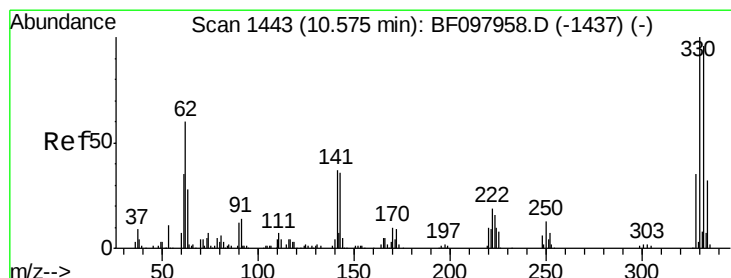
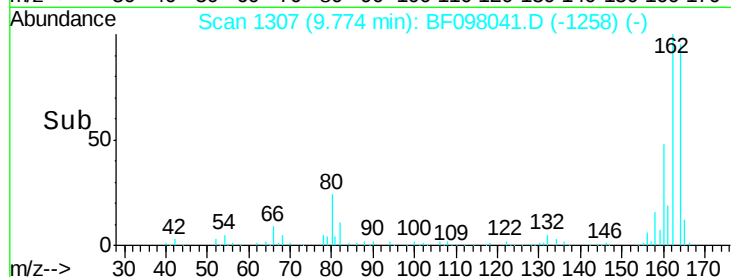
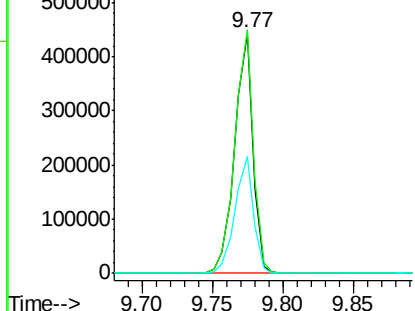
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

Instrument :
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Tot Ion:164 Resp: 398401
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 48.4 36.2 54.2

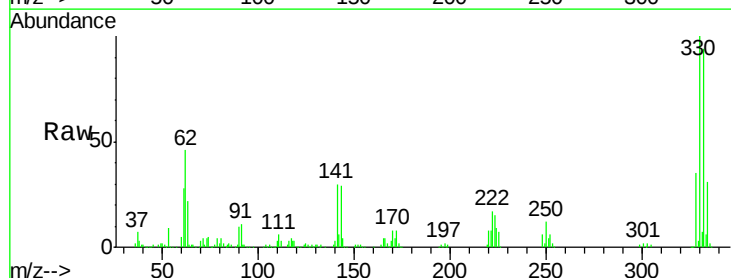


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

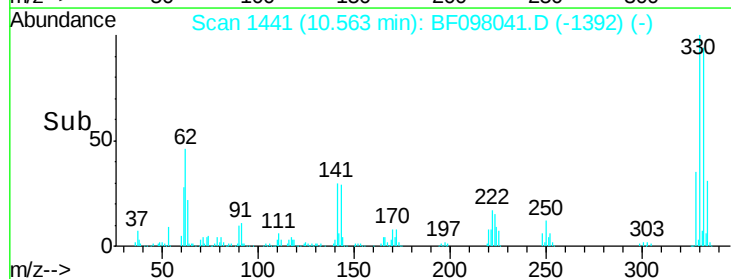
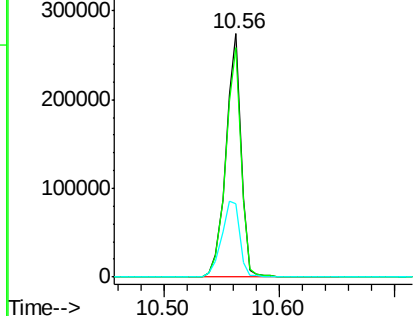


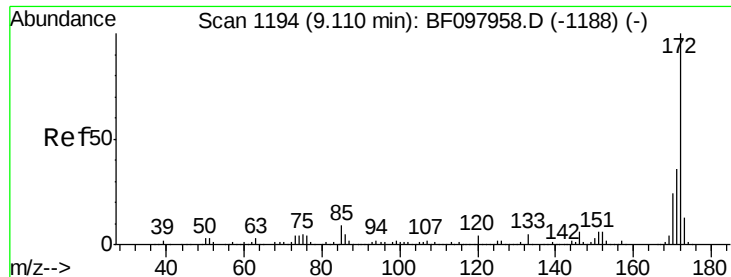
#41
 2,4,6-Tribromophenol
 Concen: 72.28 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

Tgt Ion:330 Resp: 249872
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.7 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

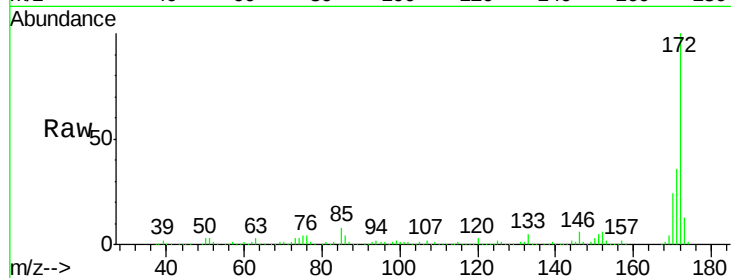




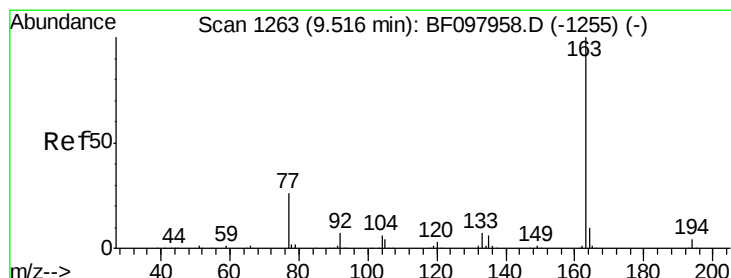
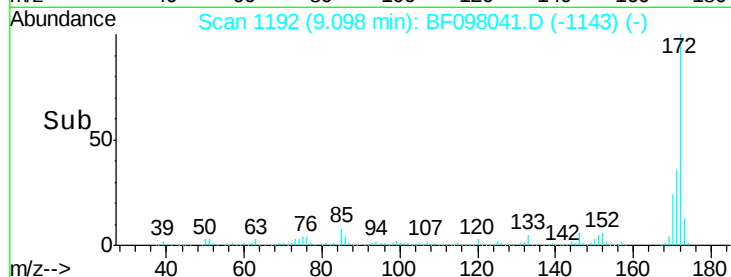
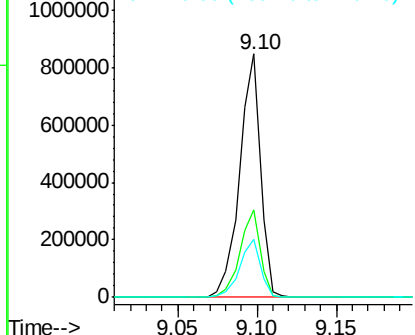
#44
2-Fluorobiphenyl
Concen: 28.50 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098041.D
Acq: 25 Aug 2017 20:18

Instrument :
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ELIZABETH-RO-COMP-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8

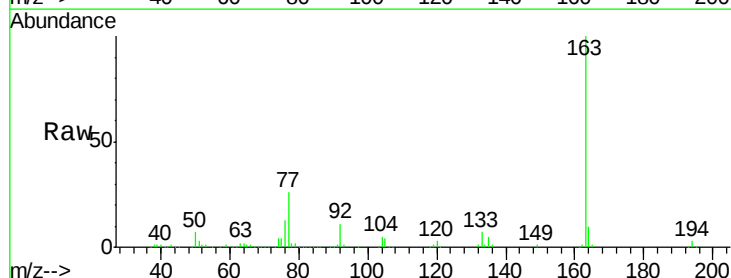


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

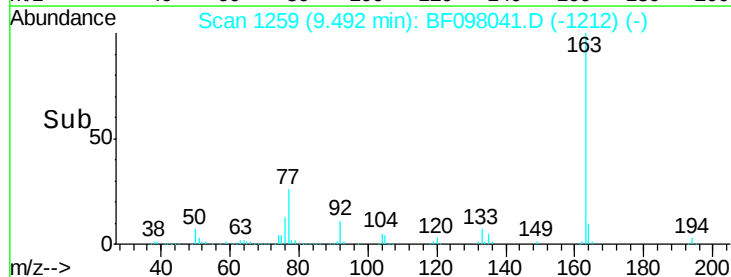
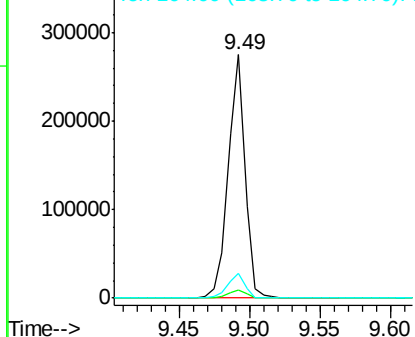


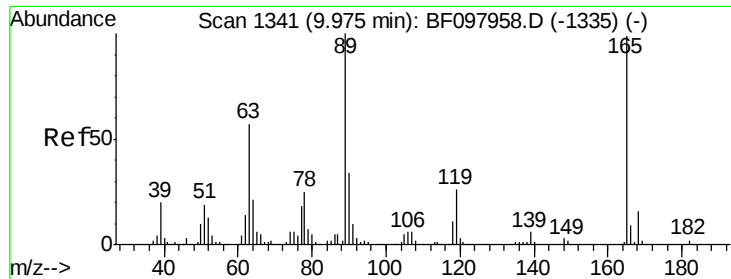
#49
Dimethylphthalate
Concen: 7.82 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098041.D
Acq: 25 Aug 2017 20:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	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

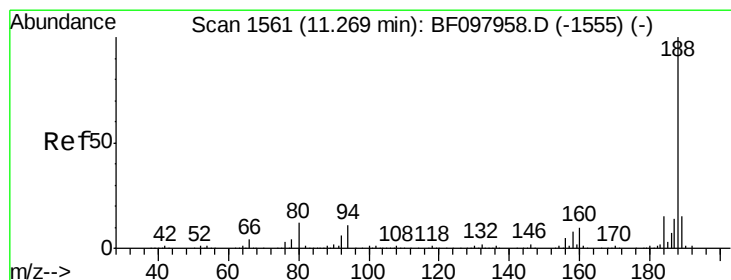
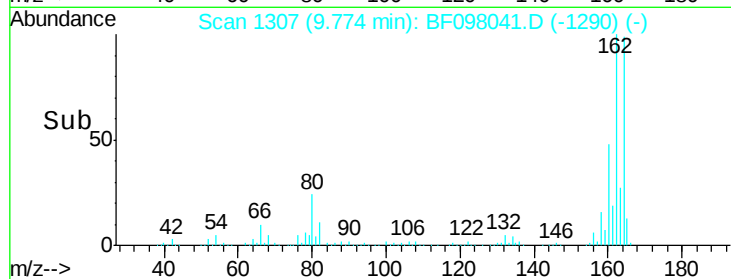
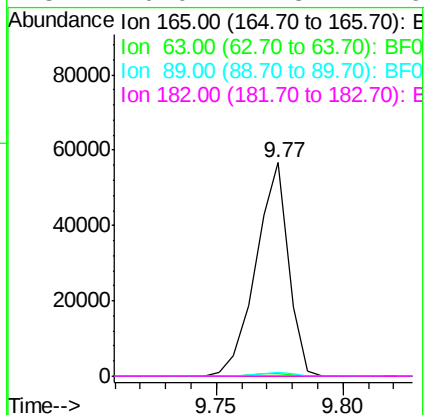
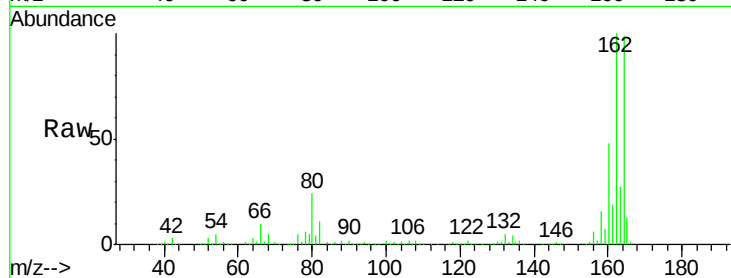




#56
 2,4-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

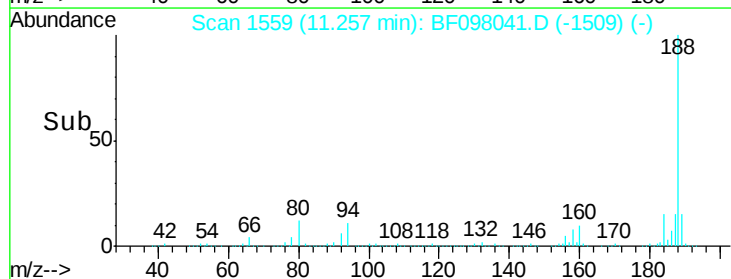
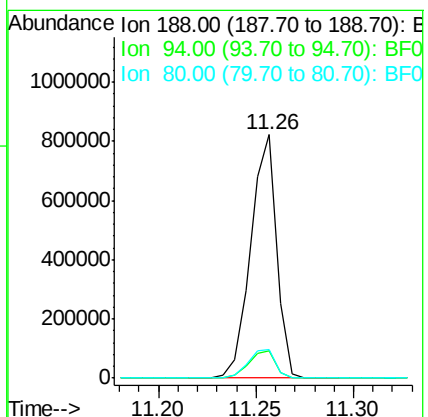
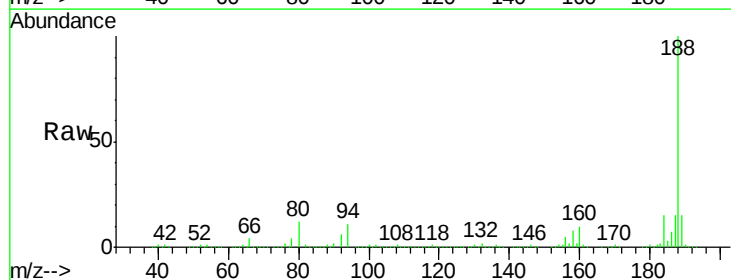
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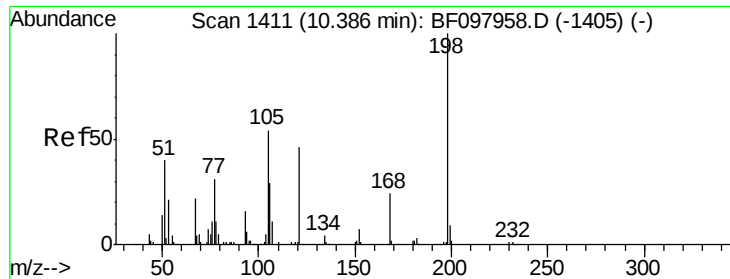
Tot Ion:165	Resp:	50957
Ion Ratio	Lower	Upper
165	100	
63	1.3	25.4 38.0#
89	1.9	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

Tgt Ion:188	Resp:	758559
Ion Ratio	Lower	Upper
188	100	
94	11.2	9.4 14.2
80	11.9	10.2 15.2

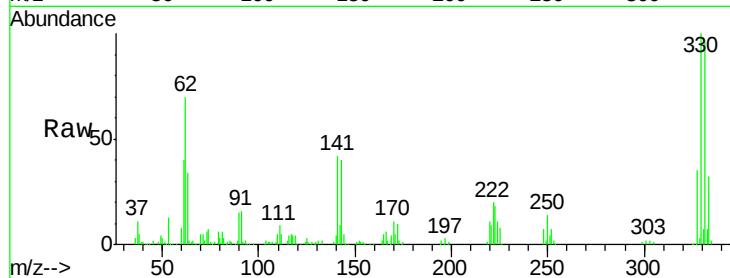




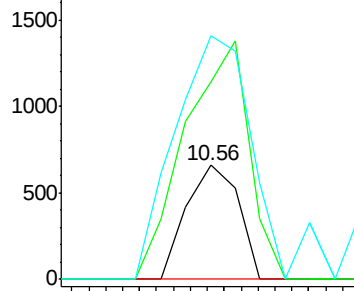
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.45 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.18 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

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

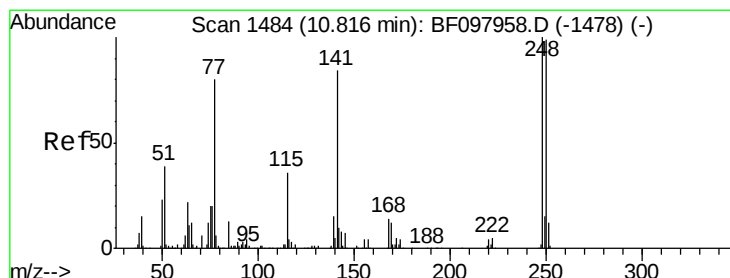
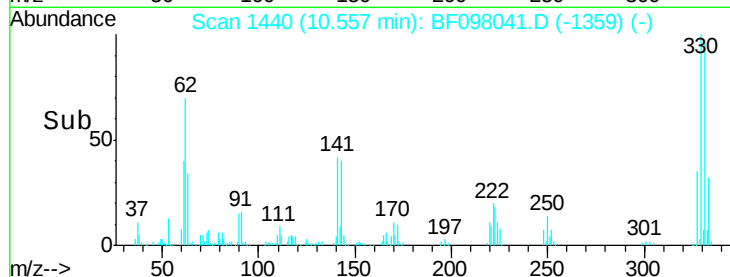
Tot Ion	Ratio	Lower	Upper
198	100		
51	173.5	53.2	93.2#
105	213.5	45.8	85.8#



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

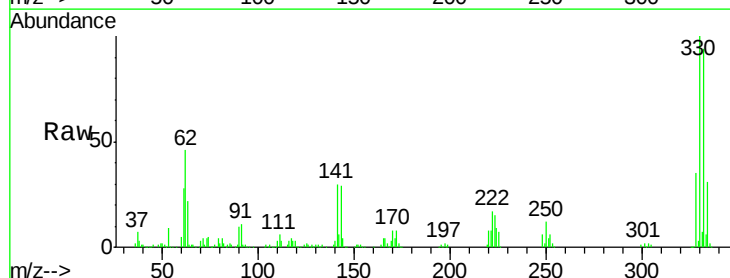


Time-->

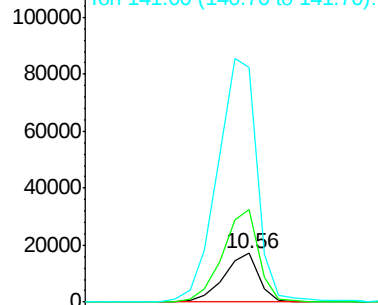


#66
 4-Bromophenyl-phenylether
 Concen: 2.08 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098041.D
 Acq: 25 Aug 2017 20:18

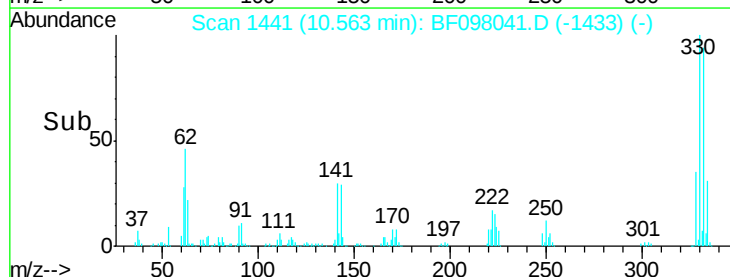
Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.6	76.8	115.2#
141	479.2	68.6	103.0#

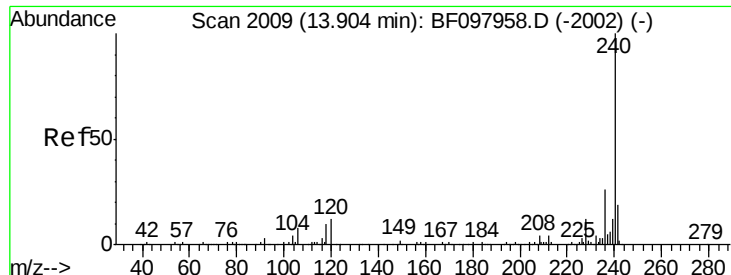


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098041.D

Acq: 25 Aug 2017 20:18

Instrument :

BNA_F

ClientSampleId :

ELIZABETH-RO-COMP-B

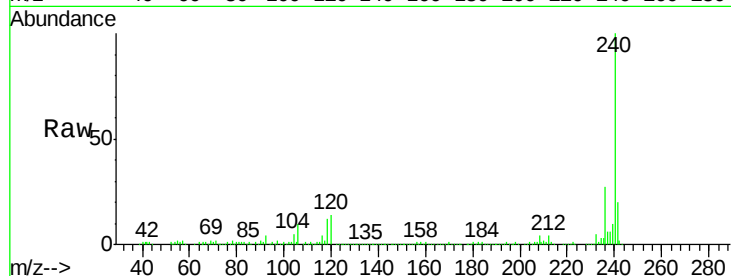
Tot Ion:240 Resp: 556206

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

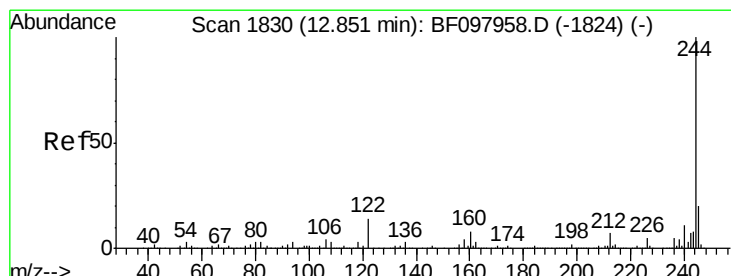
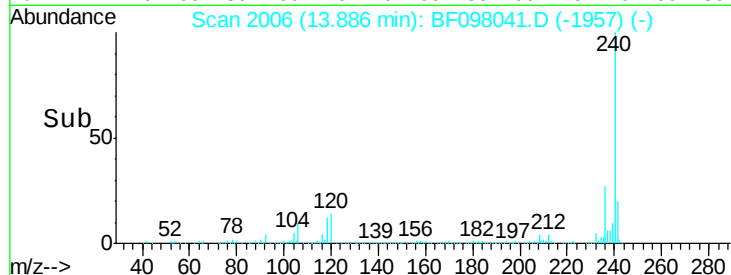
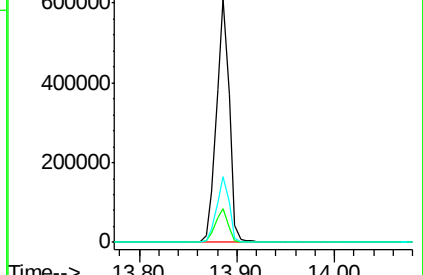
236 27.2 20.5 30.7



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: 25.70 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098041.D

Acq: 25 Aug 2017 20:18

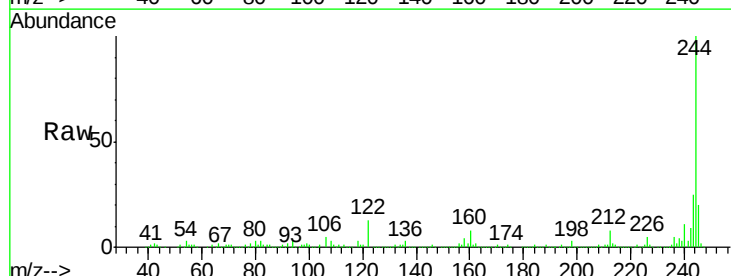
Tgt Ion:244 Resp: 685421

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

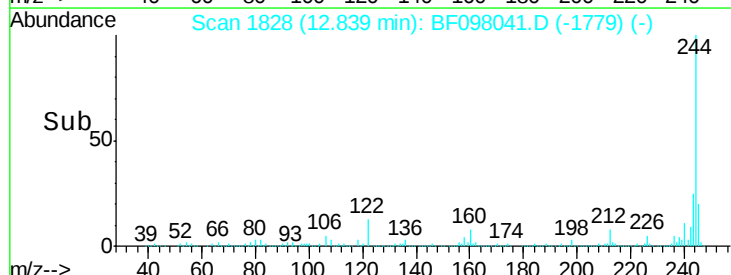
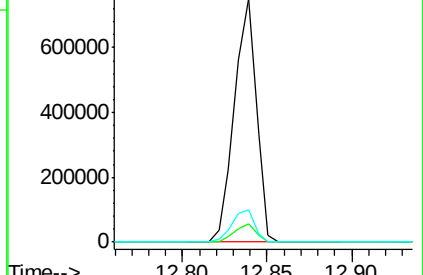
122 13.1 10.3 15.5

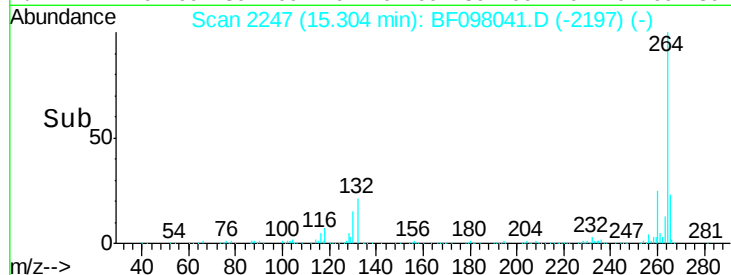
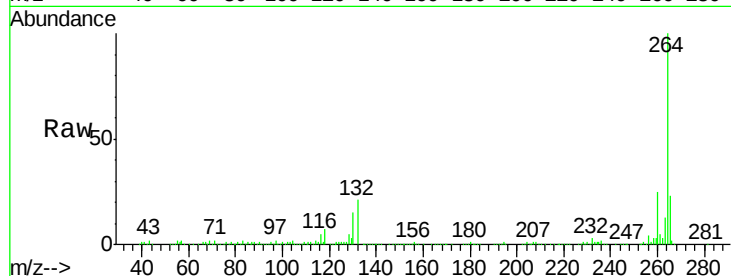
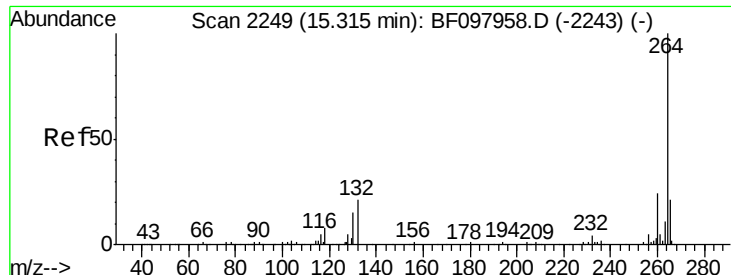


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098041.D
 Acq: 25 Aug 2017 20:18

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

Tot Ion:264	Resp:	424863
Ion Ratio	Lower	Upper
264	100	
260	25.2	19.5 29.3
265	22.8	17.2 25.8

