

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096891.D
 Acq On : 20 Jul 2017 1:08
 Operator : SJ/JU
 Sample : I4265-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

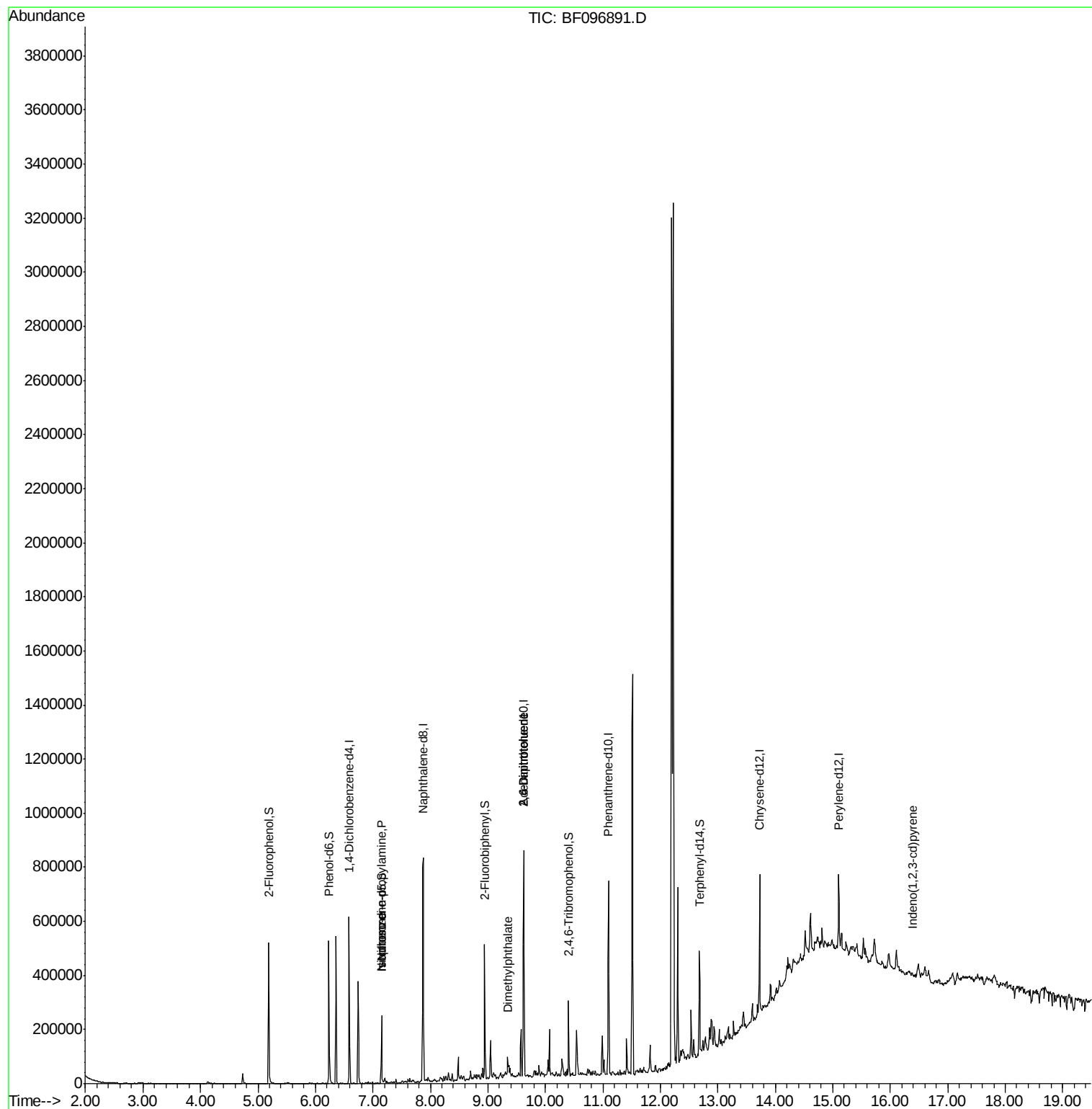
Quant Time: Jul 20 03:34:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

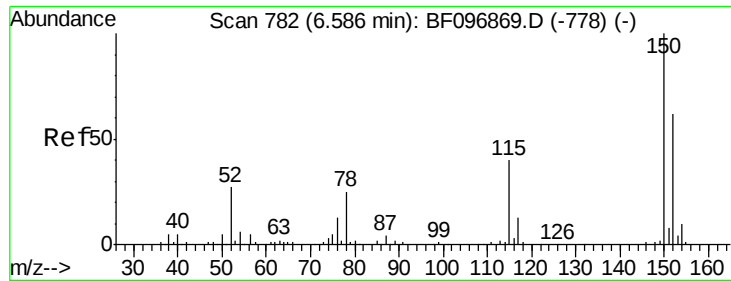
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	92659	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	372468	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	148856	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	232571	20.00	ng	0.00
75) Chrysene-d12	13.73	240	173226	20.00	ng	0.00
86) Perylene-d12	15.10	264	114193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	142134	23.06	ng	-0.01
7) Phenol-d6	6.23	99	151696	20.51	ng	-0.02
23) Nitrobenzene-d5	7.15	82	73336	12.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	26425	20.80	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	158605	16.83	ng	-0.01
78) Terphenyl-d14	12.68	244	109712	10.98	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	9854	2.21	ng	# 84
25) Isophorone	7.15	82	71109	6.36	ng	# 67
49) Dimethylphthalate	9.35	163	22517	2.01	ng	# 96
50) 2,6-Dinitrotoluene	9.62	165	19655	8.10	ng	# 34
56) 2,4-Dinitrotoluene	9.62	165	19655	6.30	ng	# 33
60) 4-Chlorophenyl-phenylether	9.90	204	111	Below Cal		# 11
85) Indeno(1,2,3-cd)pyrene	16.39	276	1820	3.51	ng	# 64

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

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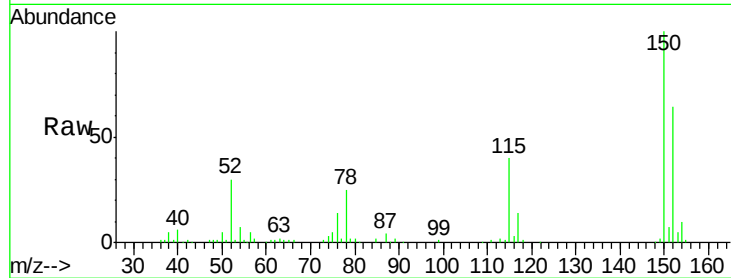




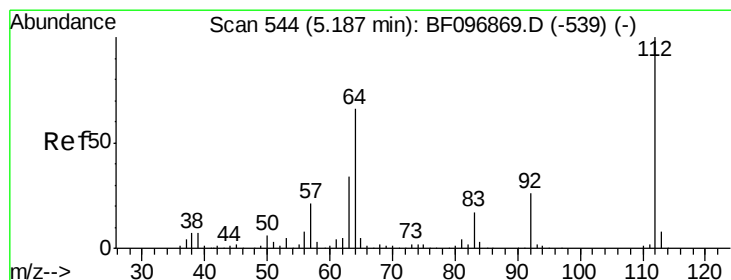
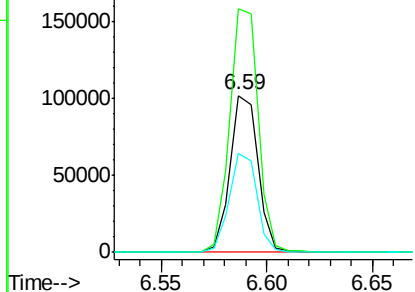
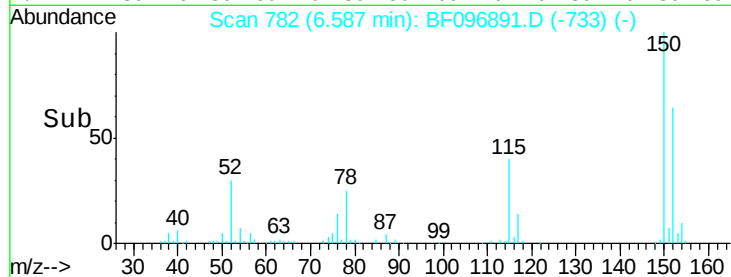
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096891.D
Acq: 20 Jul 2017 1:08

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	62.7	52.2	78.2



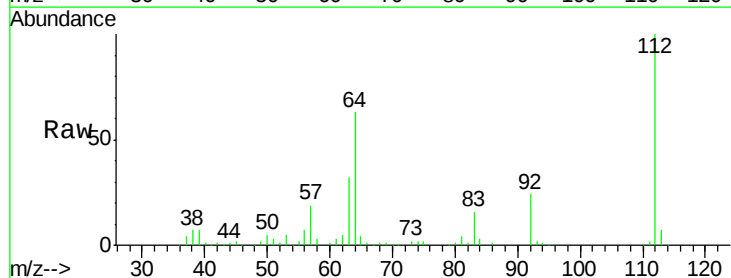
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



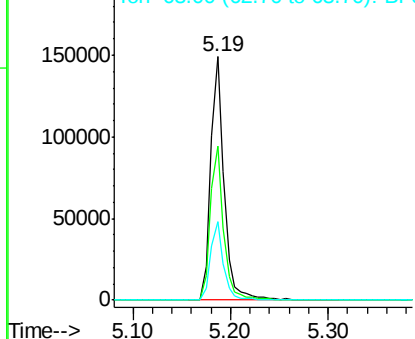
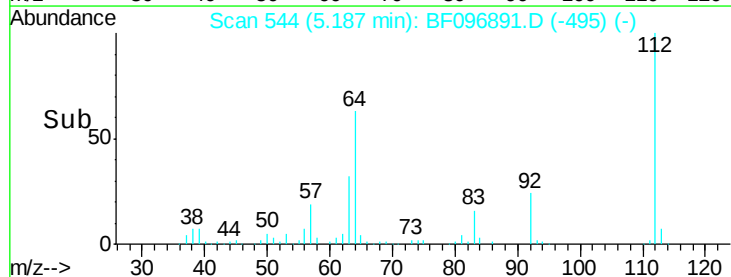
#5

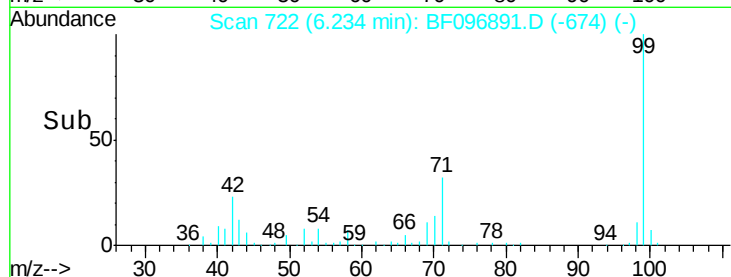
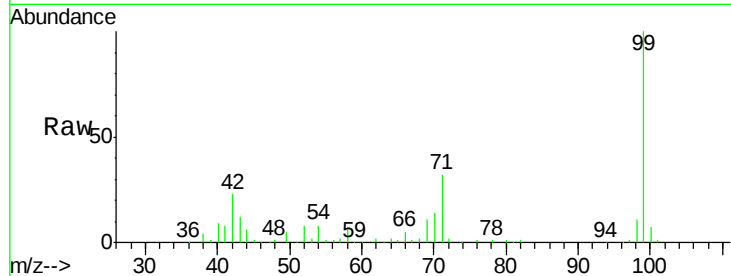
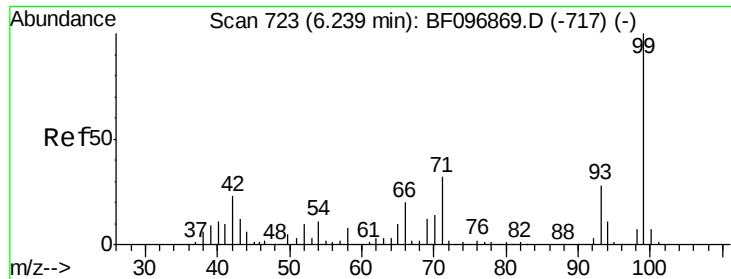
2-Fluorophenol
Concen: 23.06 ng
RT: 5.19 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF096891.D
Acq: 20 Jul 2017 1:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.0	69.0
63	32.5	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: 20.51 ng

RT: 6.23 min Scan# 722

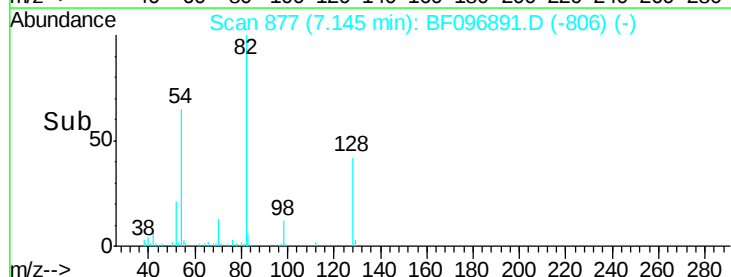
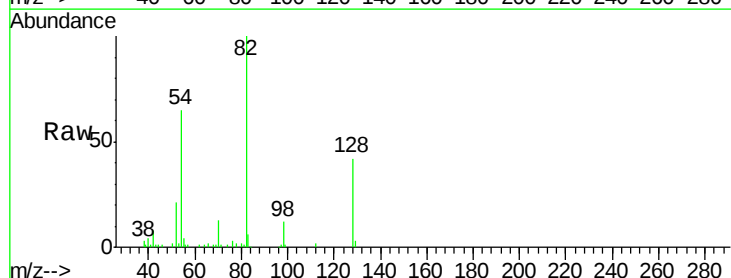
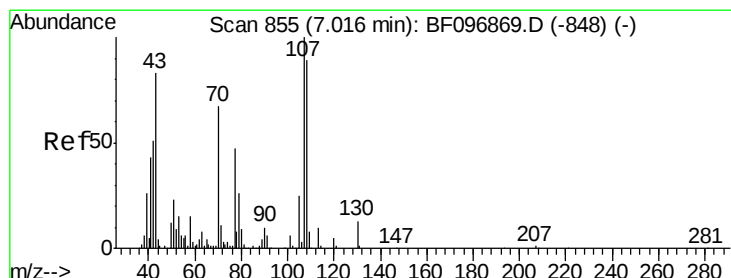
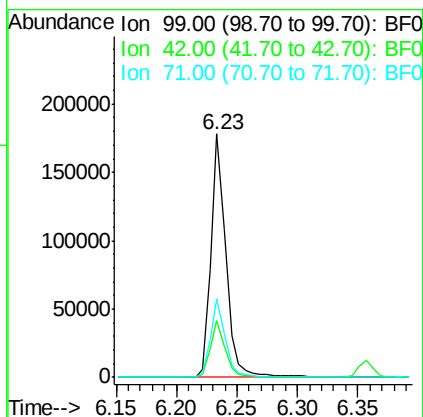
Delta R.T. -0.02 min

Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

Tot Ion: 99 Resp: 151696

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	32.5	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.21 ng

RT: 7.15 min Scan# 877

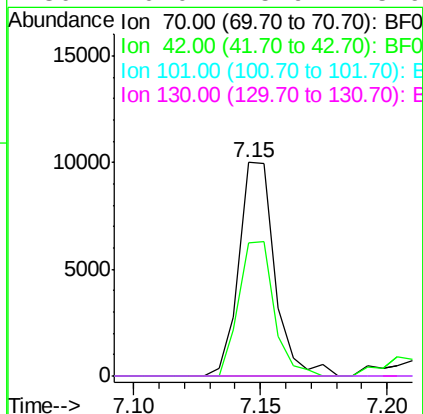
Delta R.T. 0.12 min

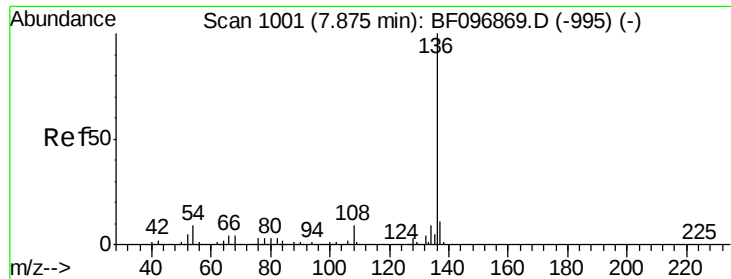
Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

Tgt Ion: 70 Resp: 9854

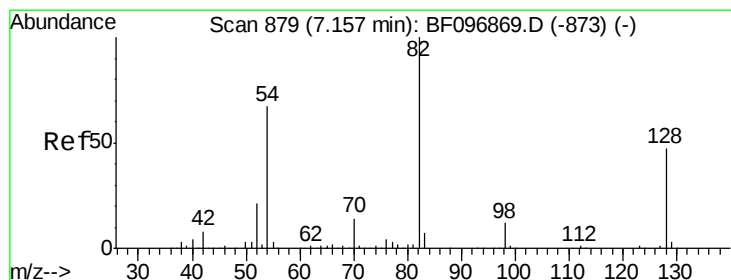
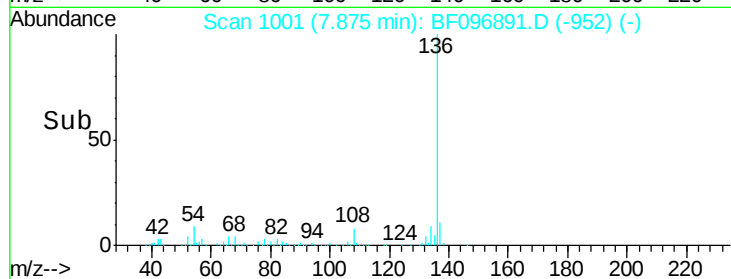
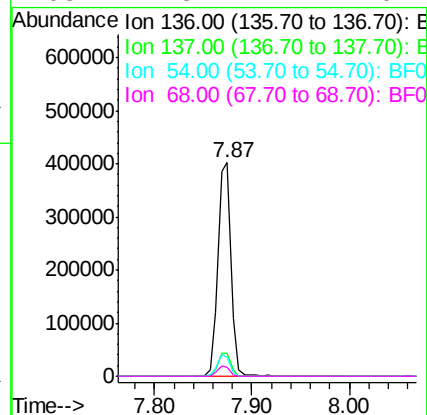
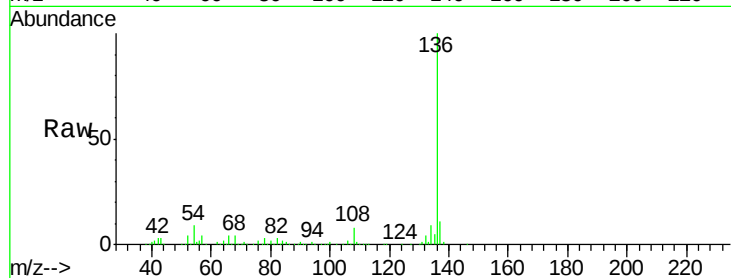
Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#





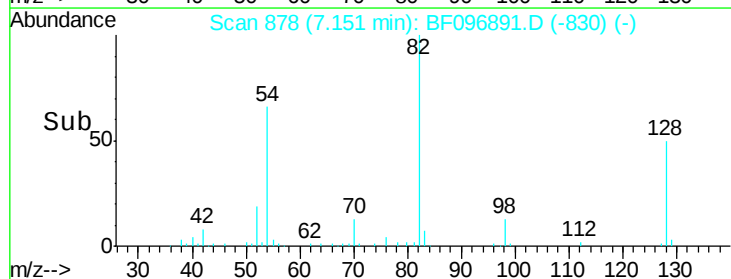
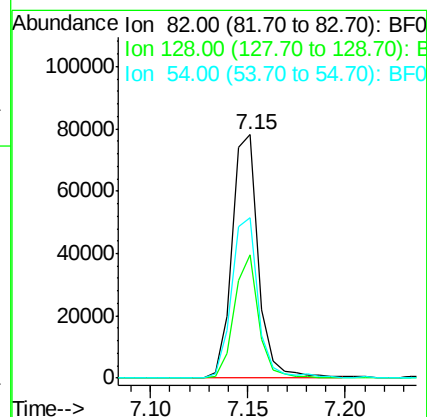
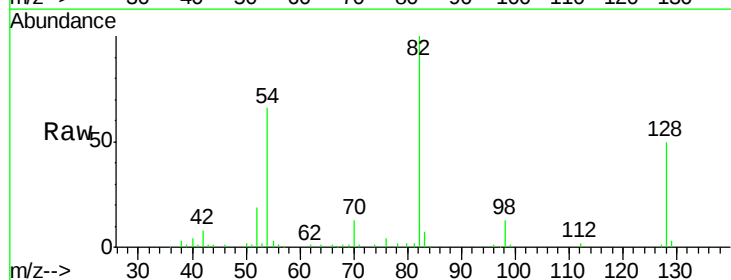
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096891.D
Acq: 20 Jul 2017 1:08

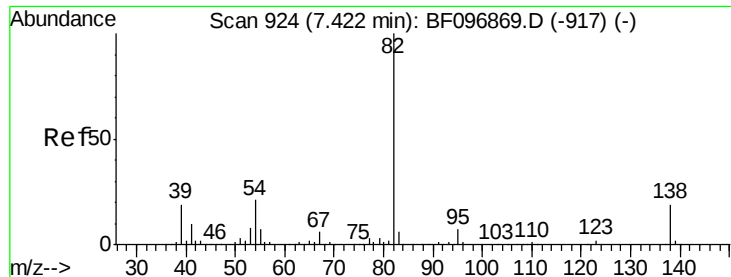
Tot Ion:136	Resp:	372468
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	8.9	4.9 7.3#
68	4.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 12.20 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096891.D
Acq: 20 Jul 2017 1:08

Tgt Ion: 82	Resp:	73336
Ion Ratio	Lower	Upper
82	100	
128	50.4	34.0 51.0
54	66.0	42.2 63.2#





#25

Isophorone

Concen: 6.36 ng

RT: 7.15 min Scan# 878

Delta R.T. -0.28 min

Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

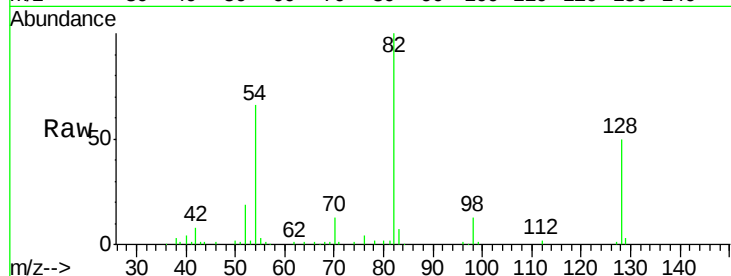
Tot Ion: 82 Resp: 71109

Ion Ratio Lower Upper

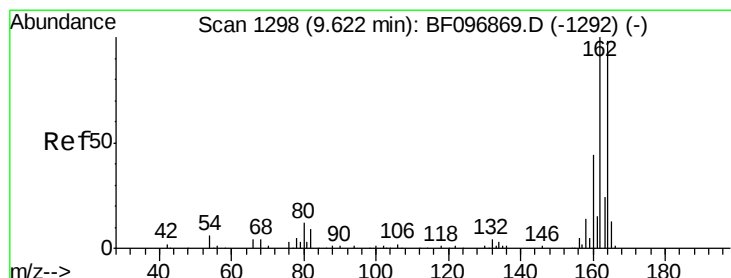
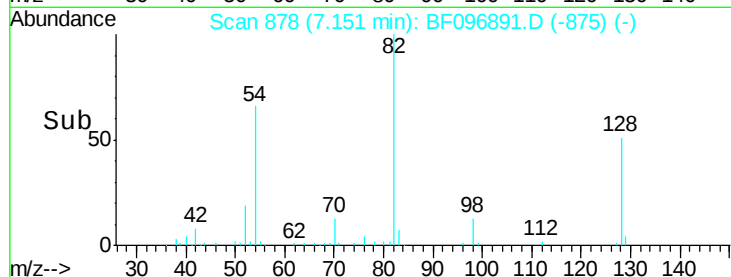
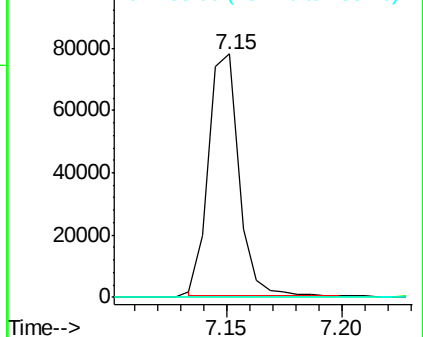
82 100

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: 20.00 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

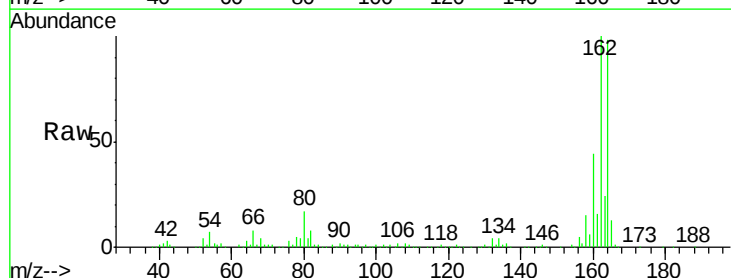
Tgt Ion: 164 Resp: 148856

Ion Ratio Lower Upper

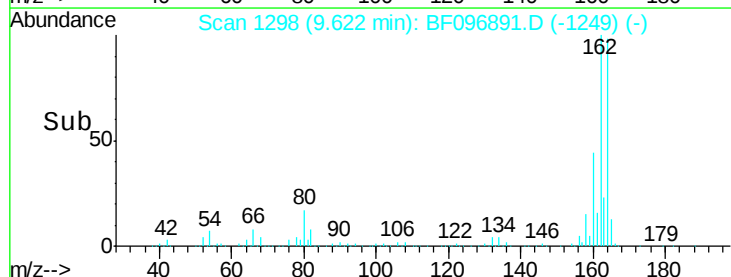
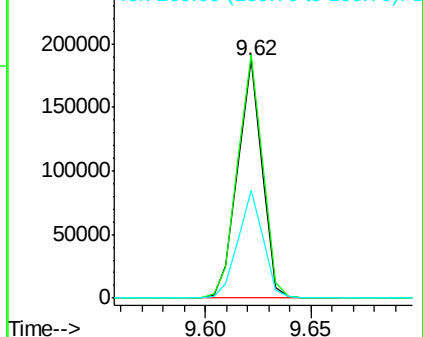
164 100

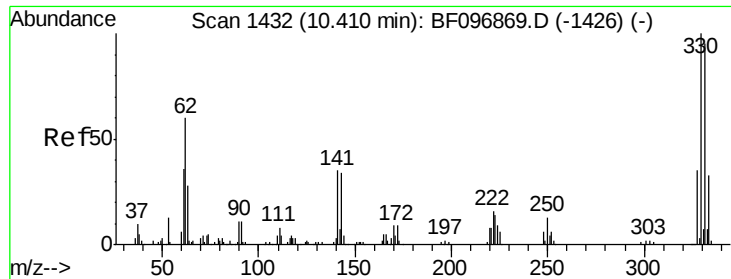
162 102.2 82.6 123.8

160 45.3 36.2 54.2



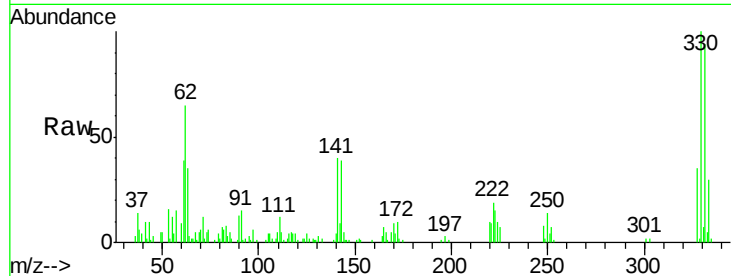
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



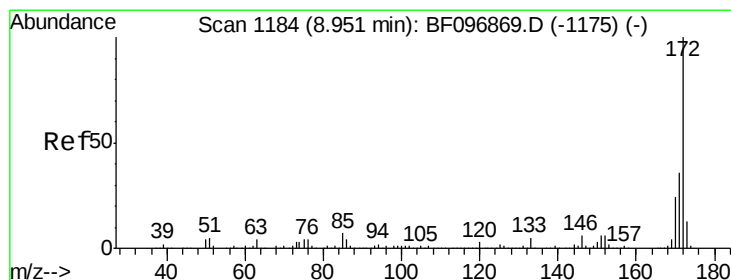
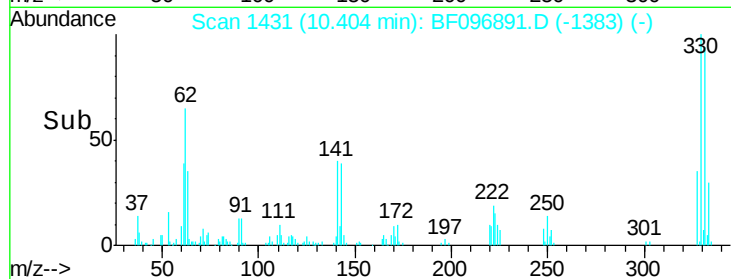
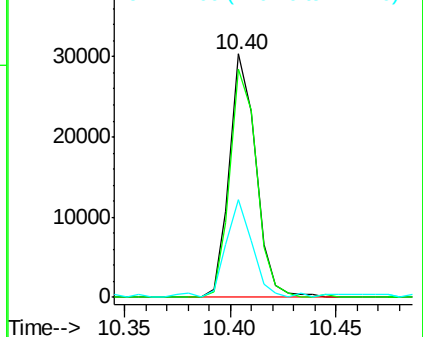


#41
 2,4,6-Tribromophenol
 Concen: 20.80 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096891.D
 Acq: 20 Jul 2017 1:08

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	40.0	31.4	47.2

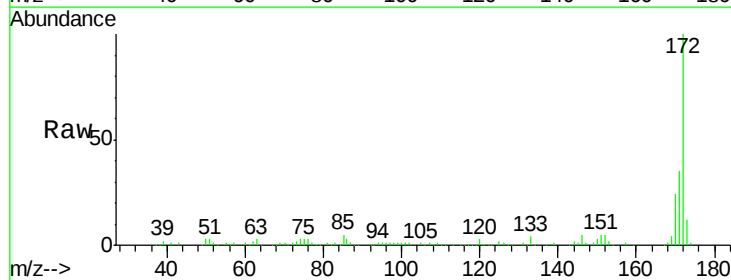


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

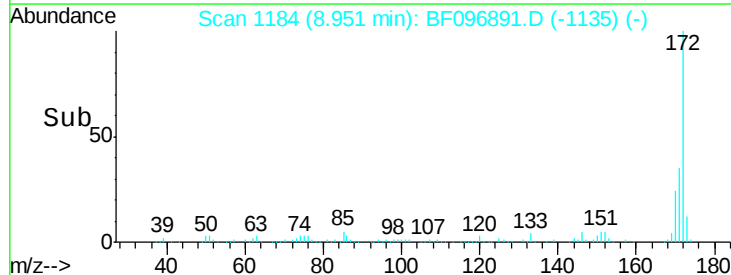
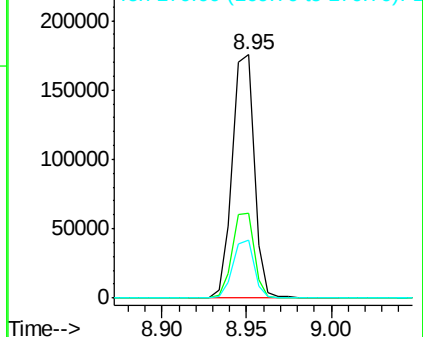


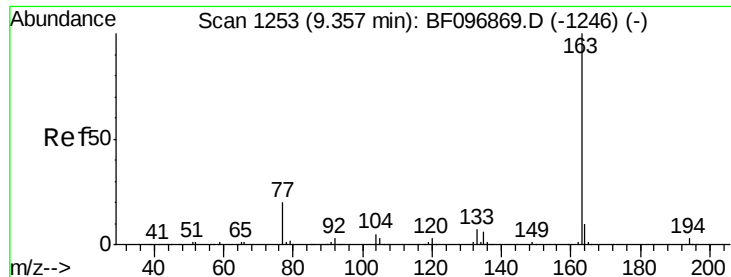
#44
 2-Fluorobiphenyl
 Concen: 16.83 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096891.D
 Acq: 20 Jul 2017 1:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.7	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: 2.01 ng

RT: 9.35 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

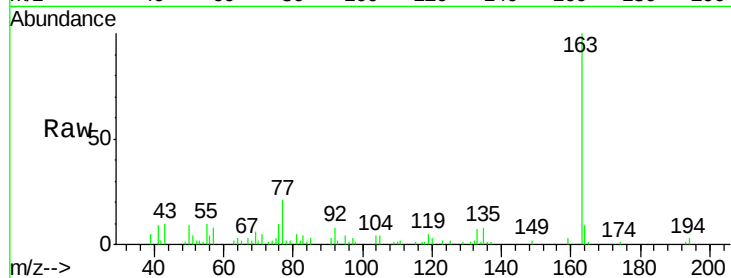
Tot Ion:163 Resp: 22517

Ion Ratio Lower Upper

163 100

194 2.5 2.6 4.0#

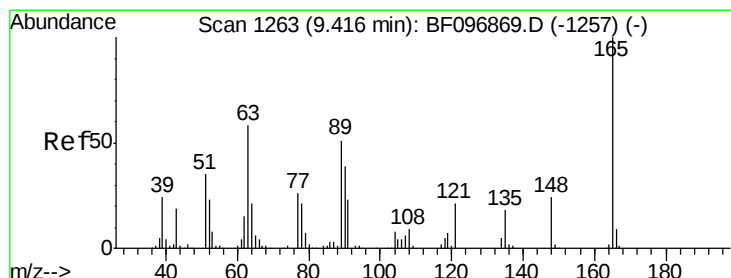
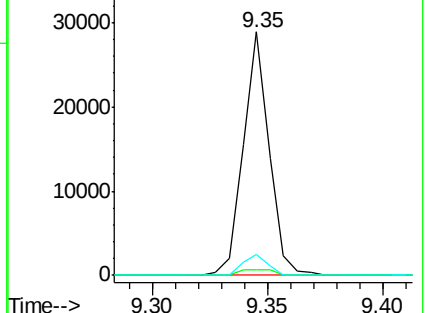
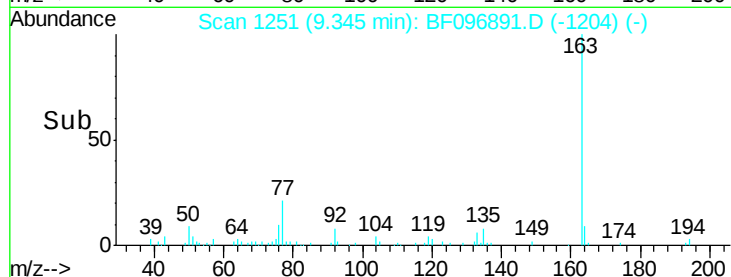
164 8.8 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 8.10 ng

RT: 9.62 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

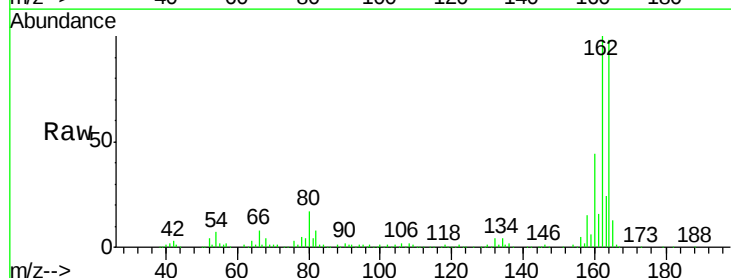
Tgt Ion:165 Resp: 19655

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

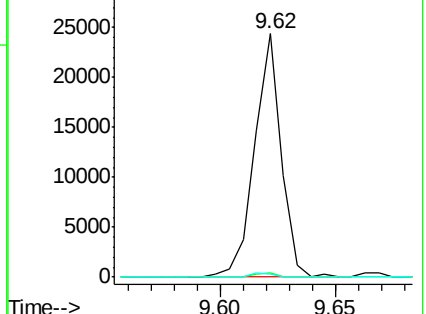
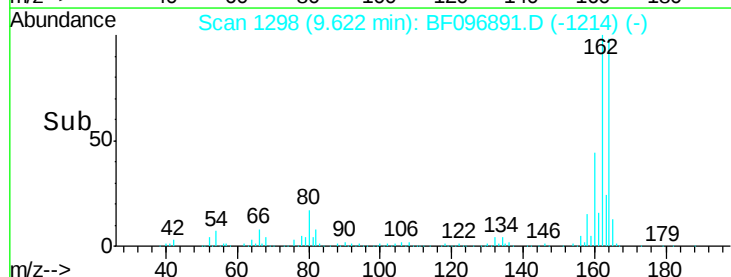
89 1.3 37.1 55.7#

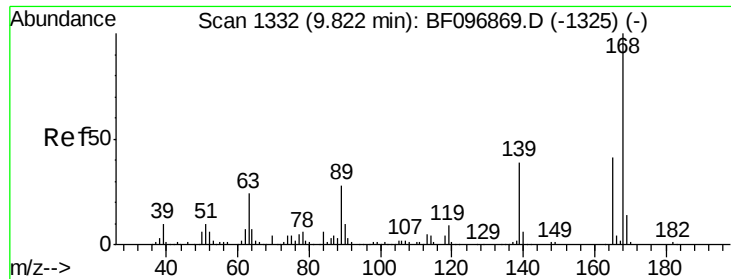


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

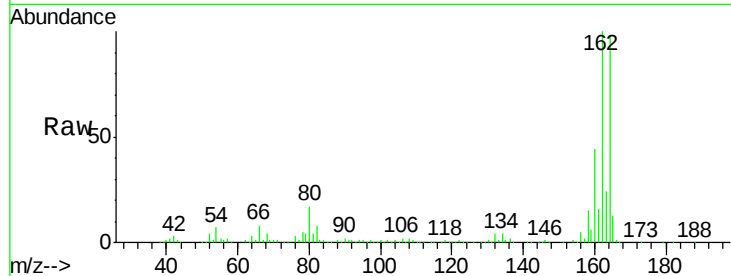
Ion 89.00 (88.70 to 89.70): BF0





#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF096891.D
 Acq: 20 Jul 2017 1:08

Tot Ion:165	Resp:	19655
Ion Ratio	Lower	Upper
165	100	
63	1.5	25.4 38.0#
89	1.3	46.4 69.6#
182	2.4	1.8 2.6

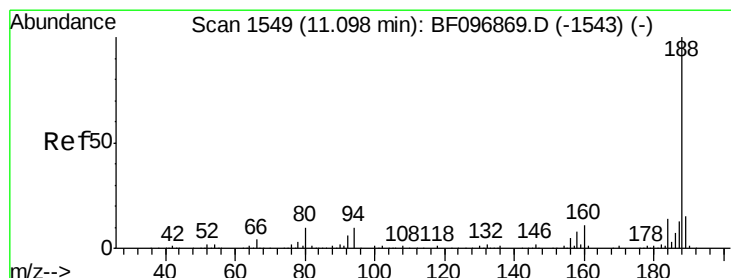
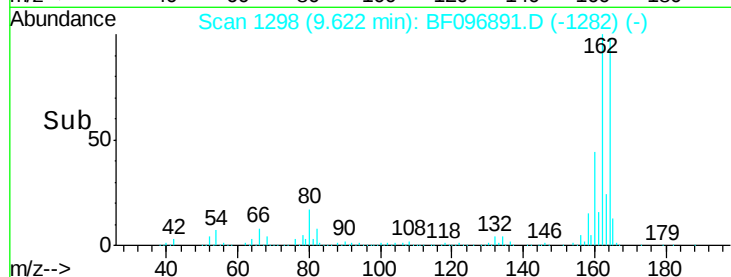
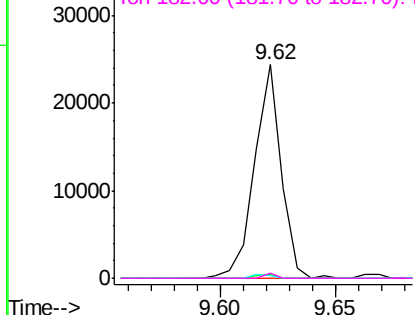


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

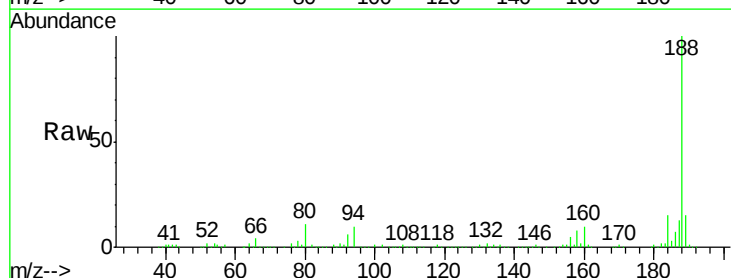
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096891.D
 Acq: 20 Jul 2017 1:08

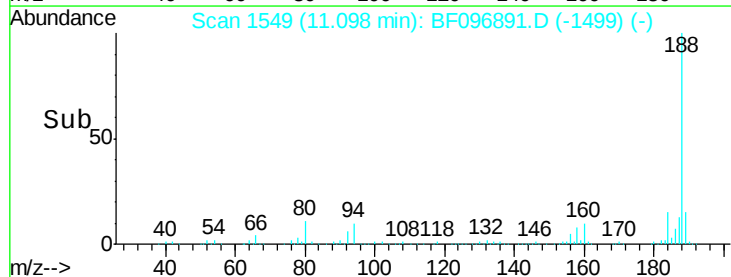
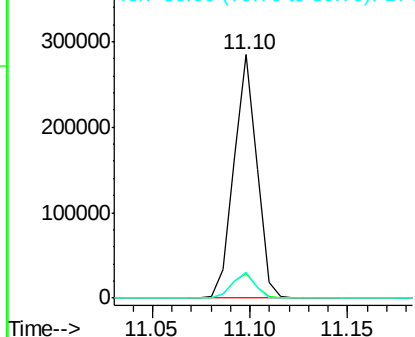
Tgt Ion:188	Resp:	232571
Ion Ratio	Lower	Upper
188	100	
94	10.3	9.4 14.2
80	10.5	10.2 15.2

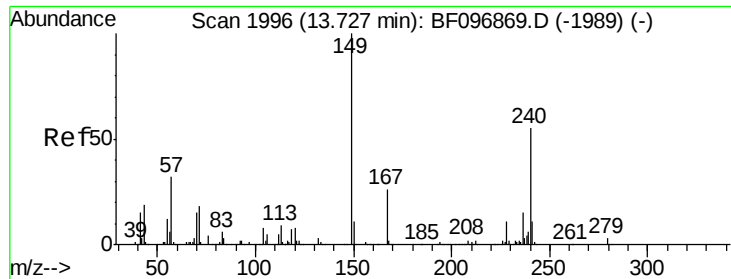


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096891.D

Acq: 20 Jul 2017 1:08

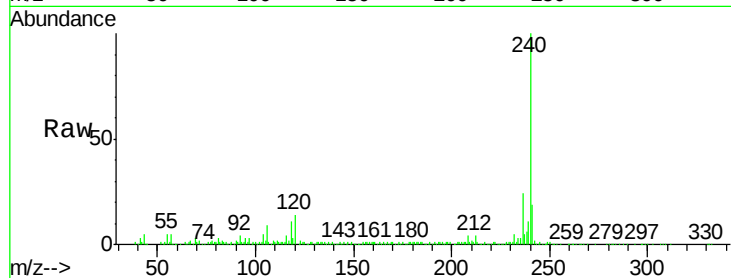
Tot Ion:240 Resp: 173226

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

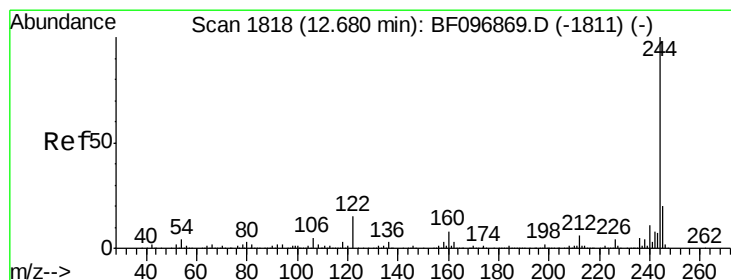
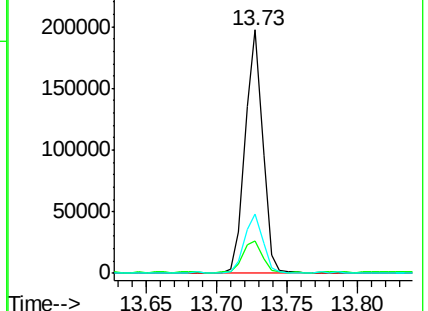
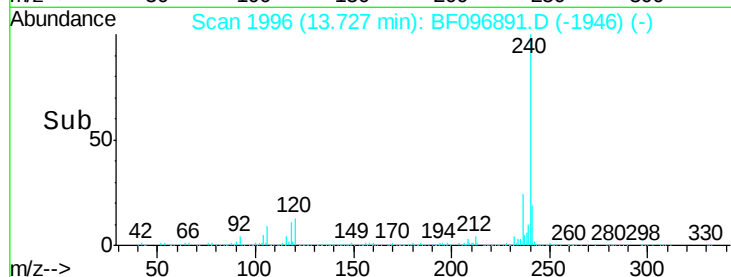
236 24.5 20.5 30.7

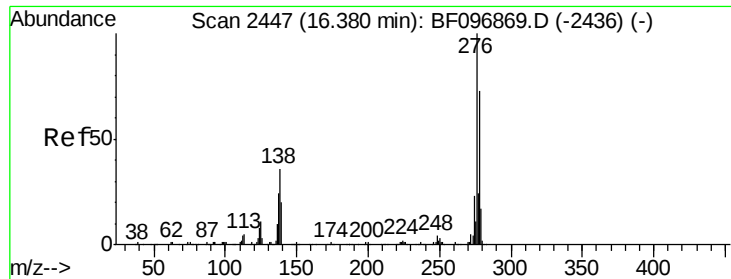


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

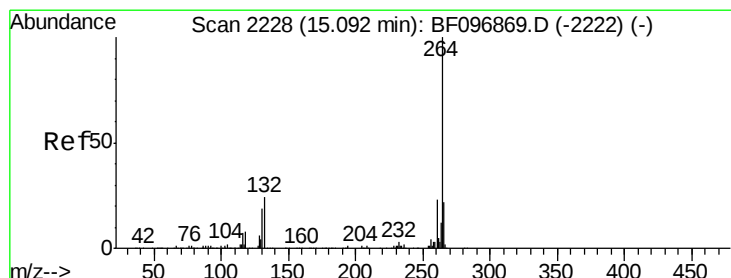
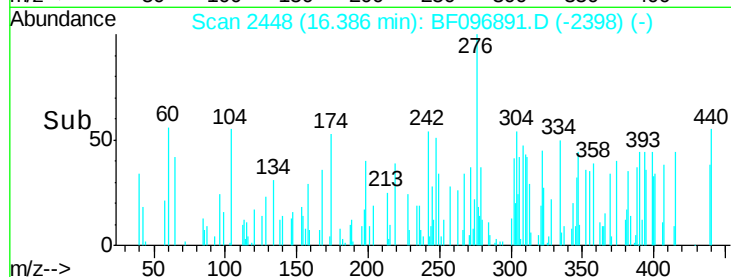
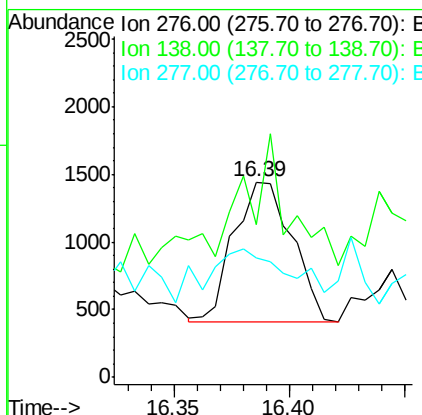
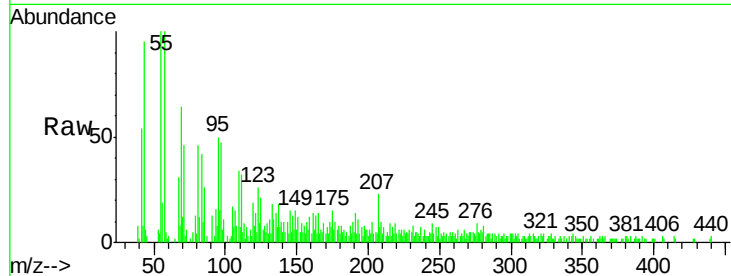
Ion 236.00 (235.70 to 236.70): E





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.51 ng
 RT: 16.39 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BF096891.D
 Acq: 20 Jul 2017 1:08

Tot Ion: 276 Resp: 1820
 Ion Ratio Lower Upper
 276 100
 138 22.7 27.8 41.6#
 277 54.4 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF096891.D
 Acq: 20 Jul 2017 1:08

Tgt Ion: 264 Resp: 114193
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 23.3 17.2 25.8

