

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095496.D
 Acq On : 27 May 2017 11:24
 Operator : SJ/MA
 Sample : I3348-03RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

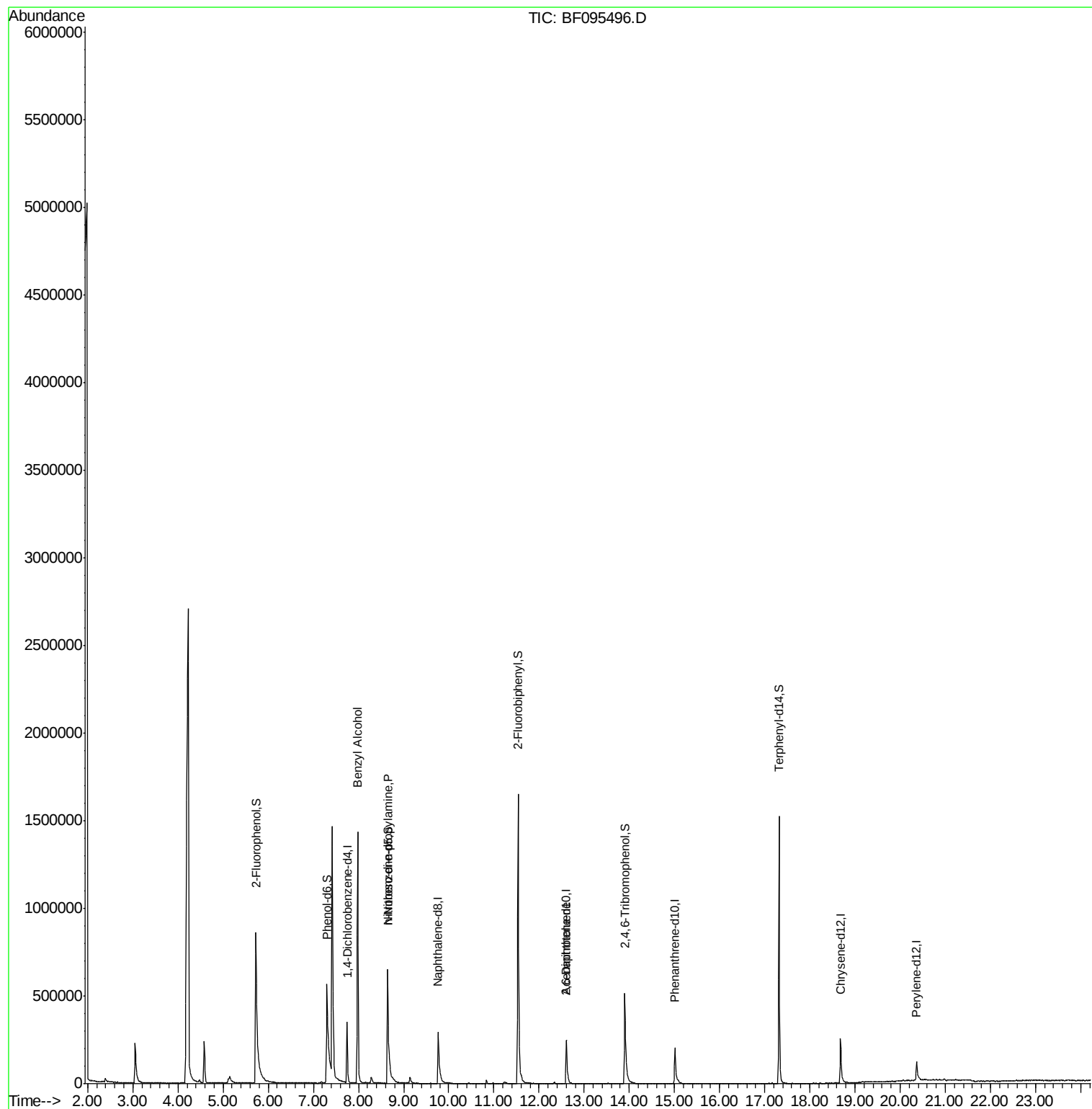
Quant Time: May 28 23:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

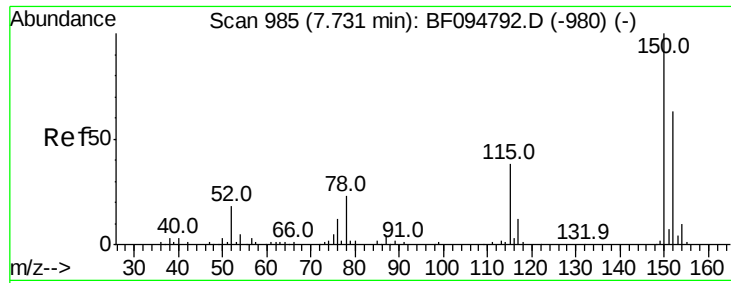
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	81521	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	338319	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	96014	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	188224	20.00	ng	0.01
75) Chrysene-d12	18.68	240	157928	20.00	ng	0.00
86) Perylene-d12	20.36	264	50868	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	747401	152.85	ng	0.02
7) Phenol-d6	7.30	99	519194	88.50	ng	0.00
23) Nitrobenzene-d5	8.65	82	505334	94.19	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	143775	182.84	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1072738	160.81	ng	0.00
78) Terphenyl-d14	17.32	244	656077	91.50	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.98	79	7854	2.08	ng	# 38
19) n-Nitroso-di-n-propylamine	8.65	70	58096	14.64	ng	# 75
50) 2,6-Dinitrotoluene	12.60	165	9344	5.81	ng	# 31

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

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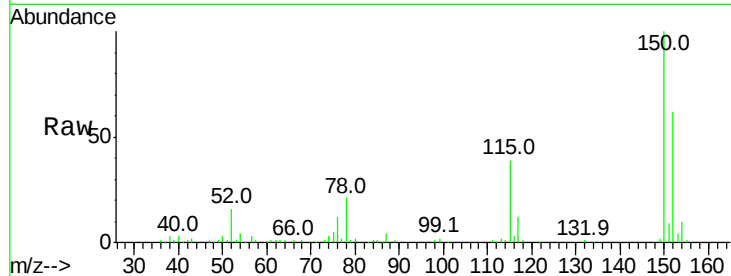




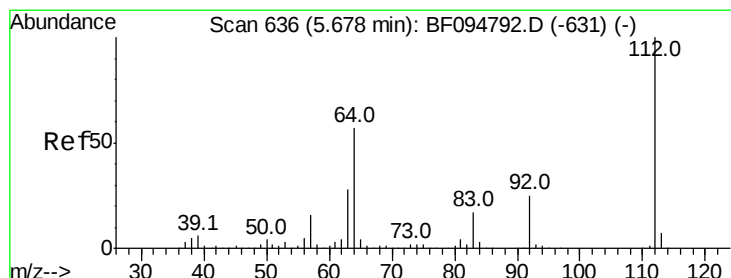
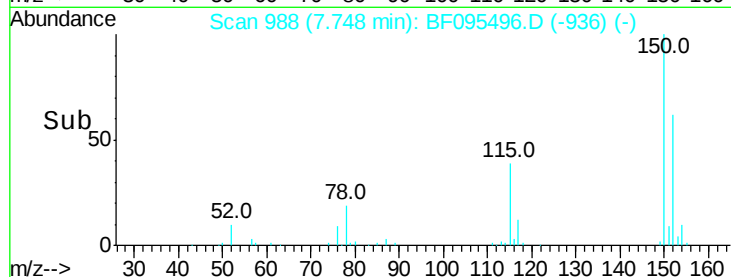
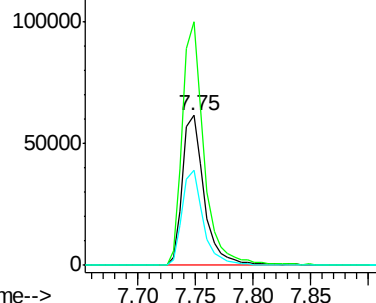
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	63.2	52.2	78.2



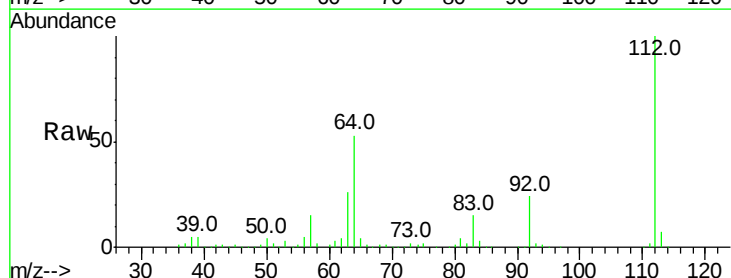
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



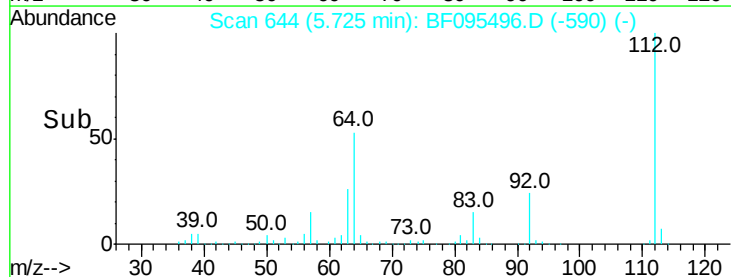
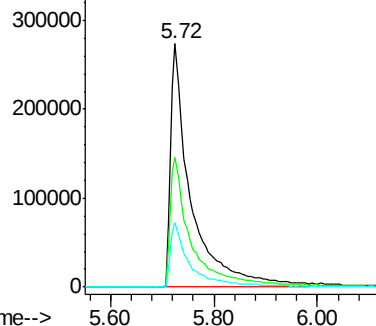
#5

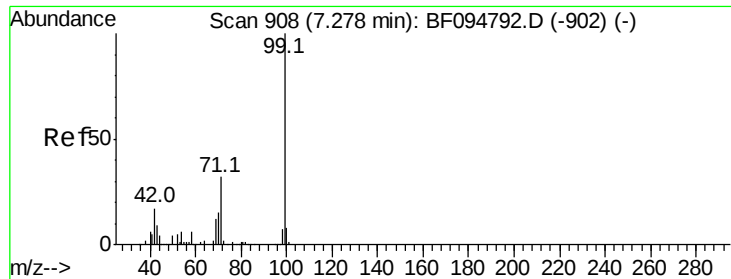
2-Fluorophenol
Concen: 152.85 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.0	69.0
63	26.3	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: 88.50 ng

RT: 7.30 min Scan# 912

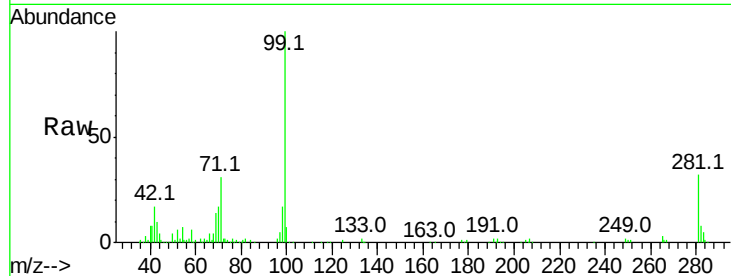
Delta R.T. 0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

Tot Ion: 99 Resp: 519194

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	31.2	24.5	36.7

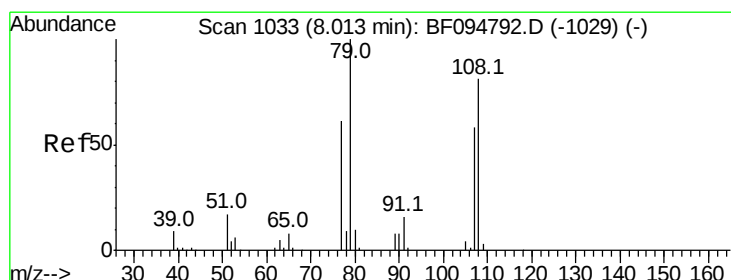
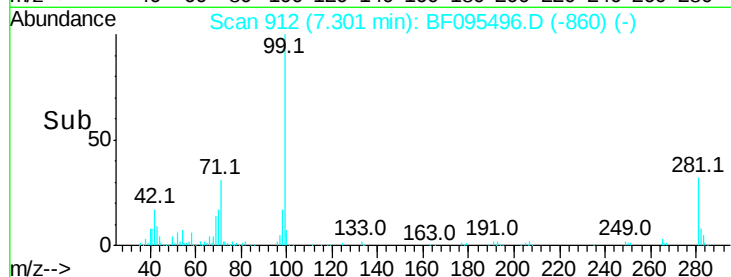
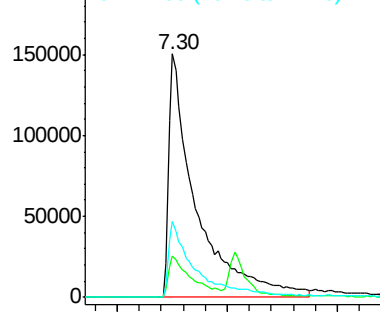


Abundance

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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.98 min Scan# 1027

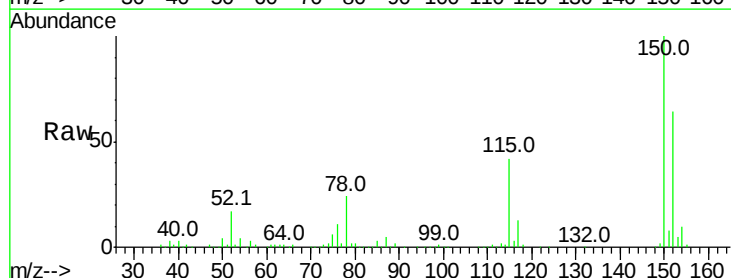
Delta R.T. -0.06 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

Tgt Ion: 79 Resp: 7854

Ion	Ratio	Lower	Upper
79	100		
108	32.1	63.4	95.0#
77	117.4	49.2	73.8#

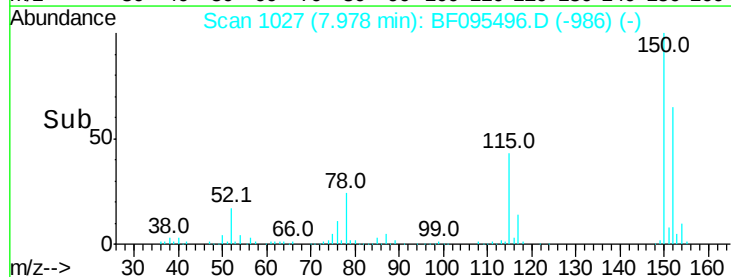
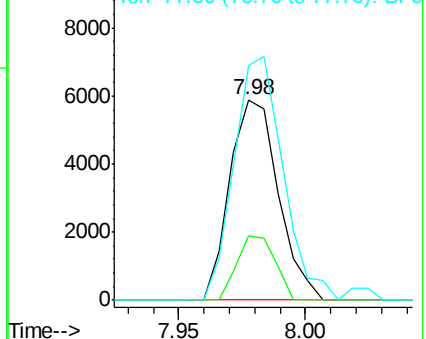


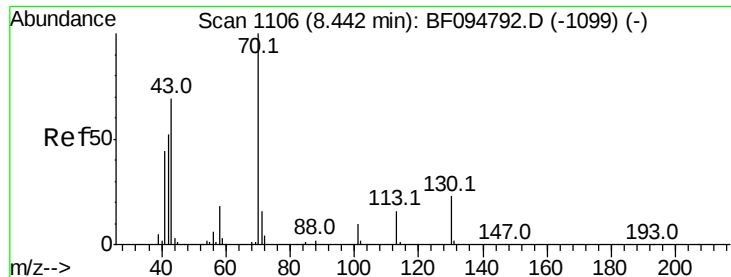
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

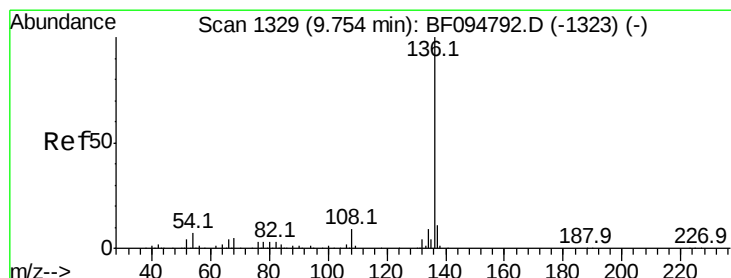
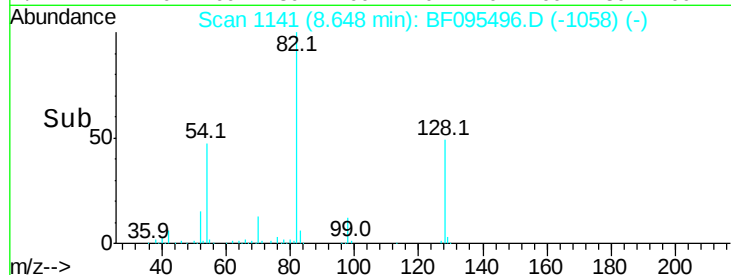
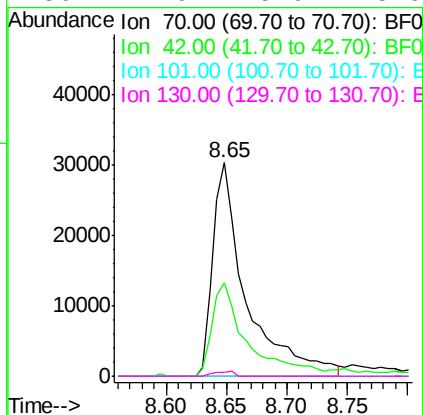
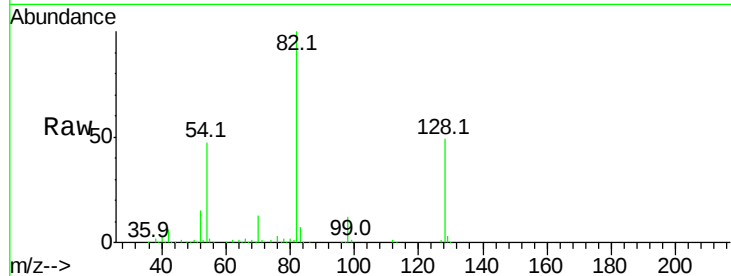
Ion 77.00 (76.70 to 77.70): BF0





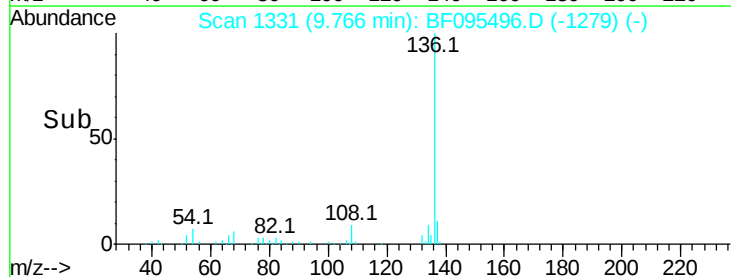
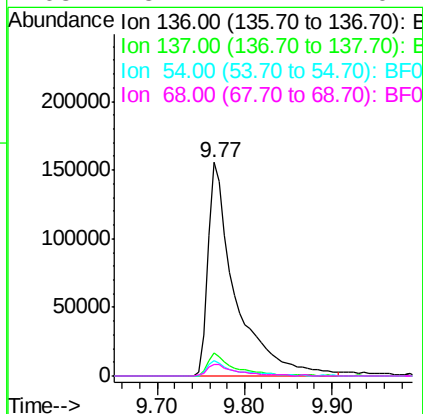
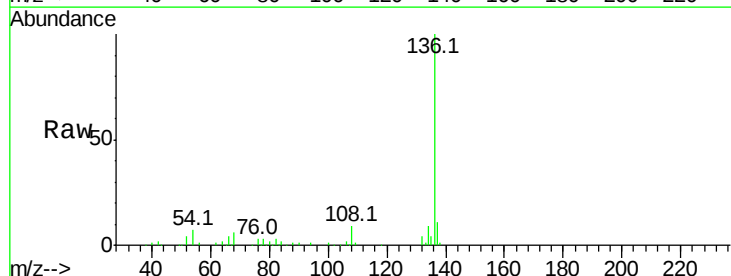
#19
n-Nitroso-di-n-propylamine
Concen: 14.64 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.19 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

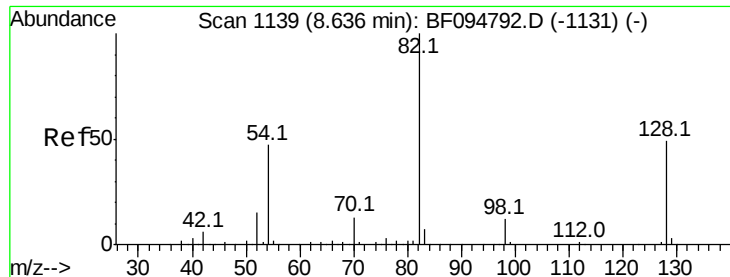
Tot Ion: 70 Resp: 58096
Ion Ratio Lower Upper
70 100
42 43.9 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

Tgt Ion: 136 Resp: 338319
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.4 4.9 7.3#
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 94.19 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

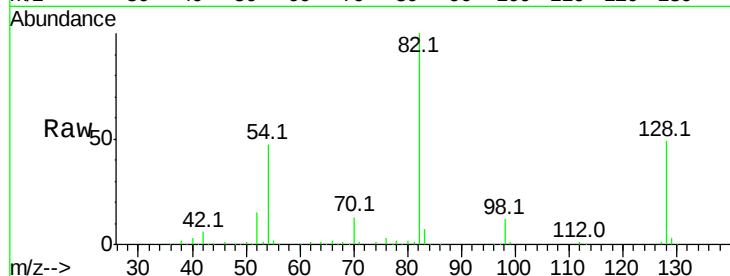
Tot Ion: 82 Resp: 505334

Ion Ratio Lower Upper

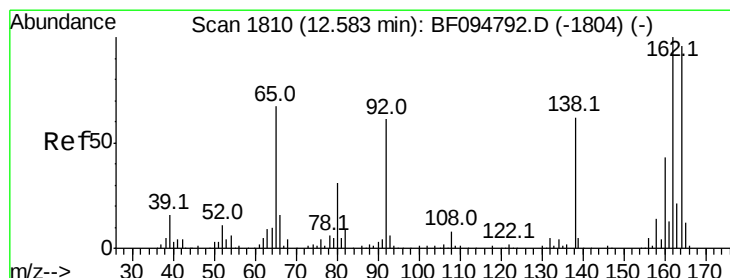
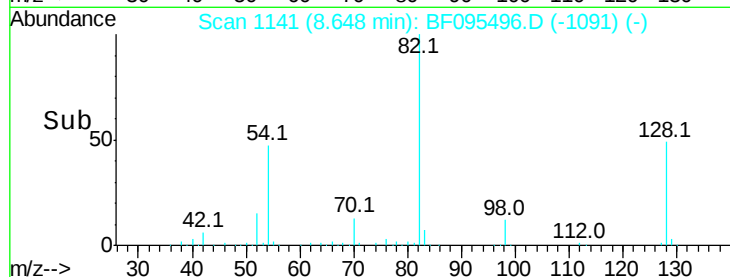
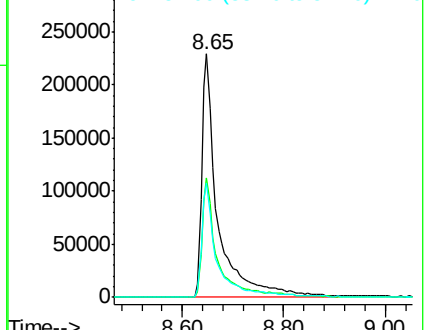
82 100

128 49.0 34.0 51.0

54 46.8 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

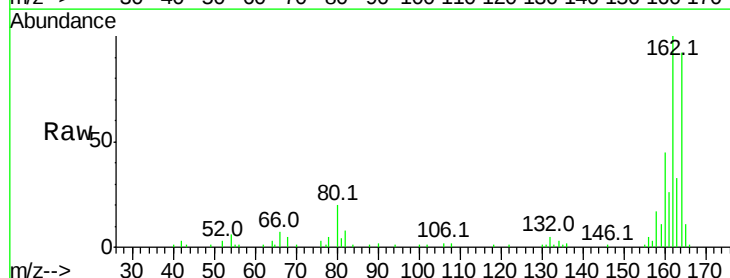
Tgt Ion:164 Resp: 96014

Ion Ratio Lower Upper

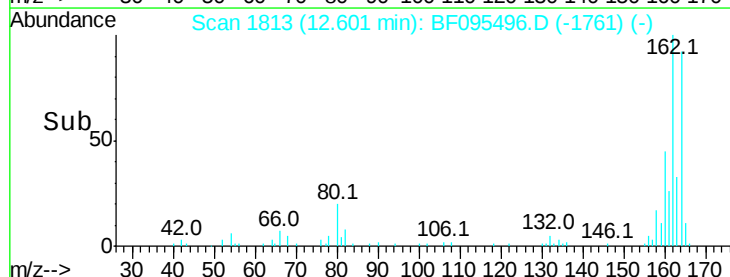
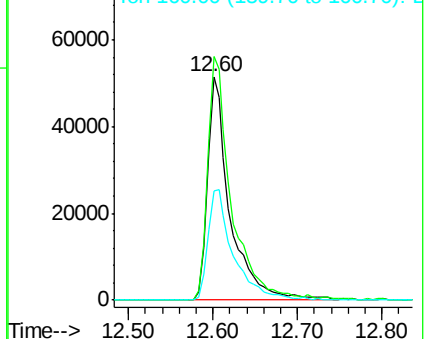
164 100

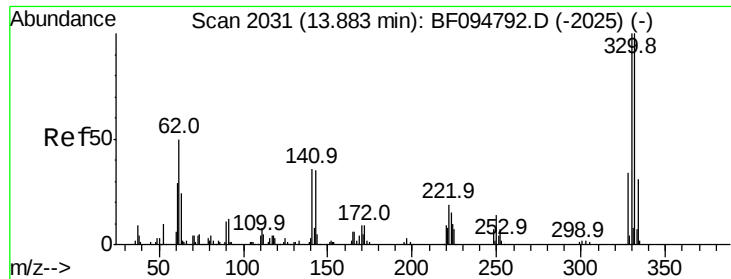
162 109.0 82.6 123.8

160 49.2 36.2 54.2



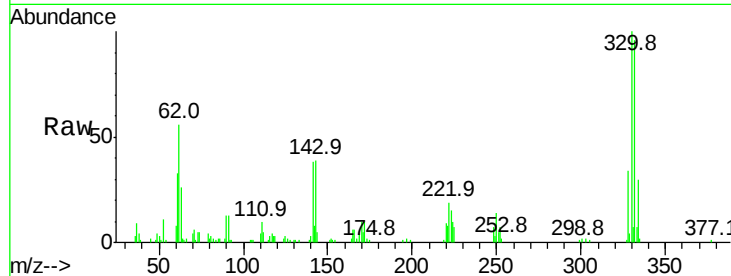
Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B



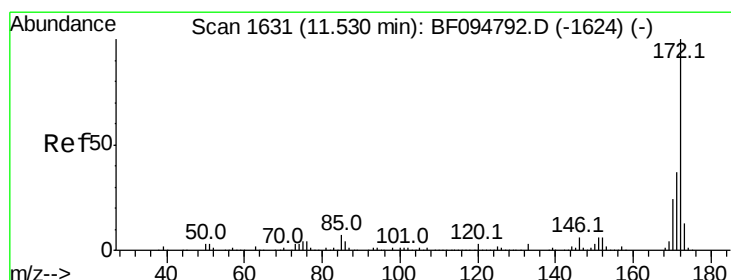
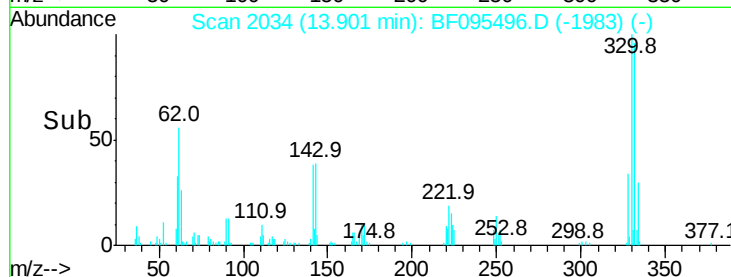
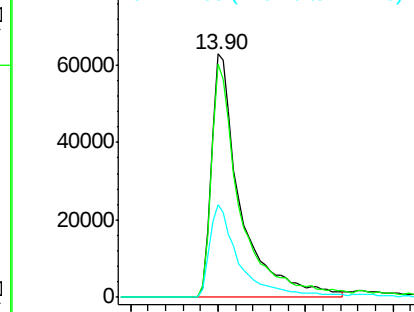


#41
 2,4,6-Tribromophenol
 Concen: 182.84 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.0	31.4	47.2

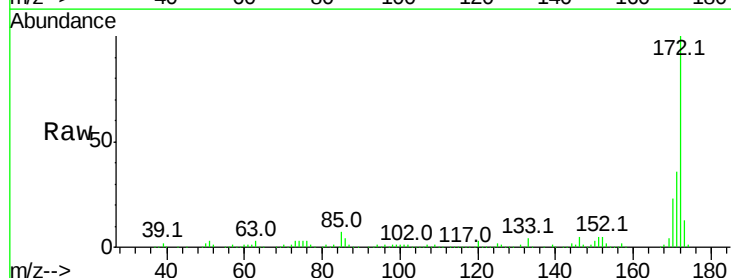


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

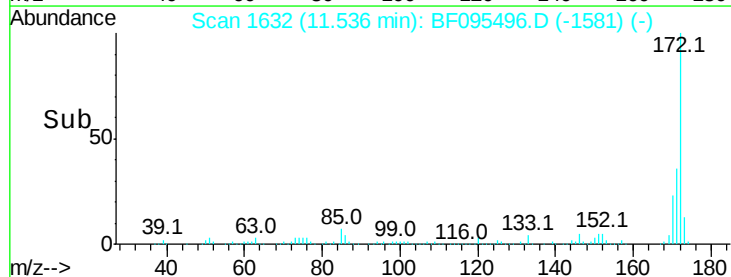
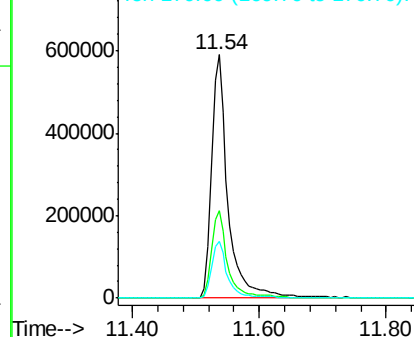


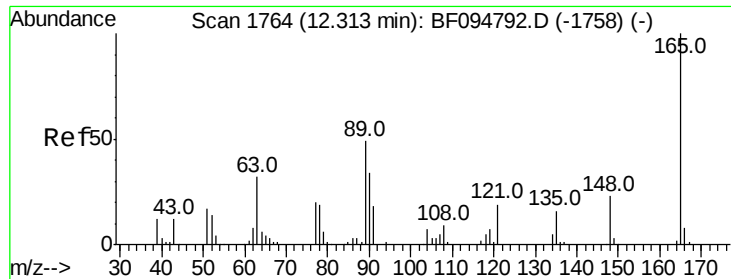
#44
 2-Fluorobiphenyl
 Concen: 160.81 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8



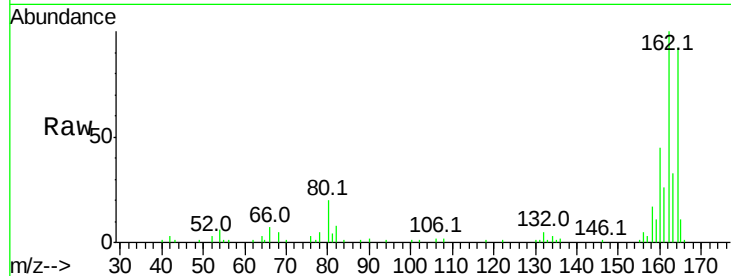
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



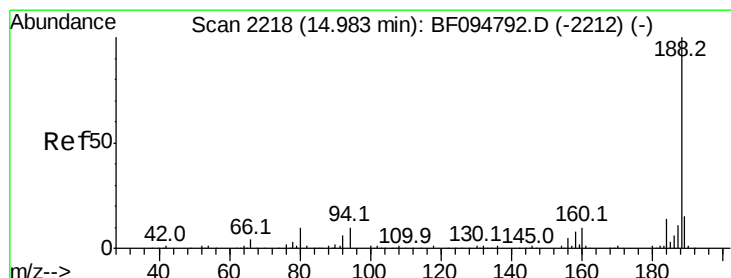
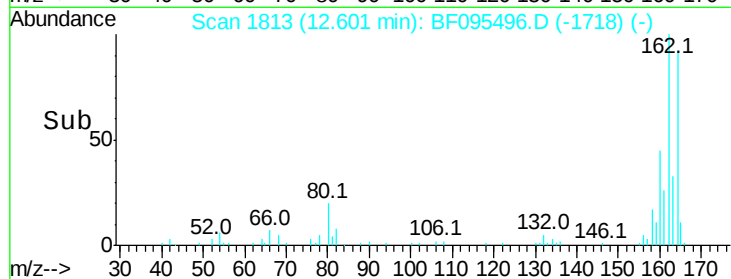
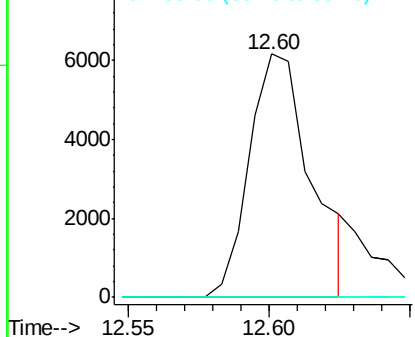


#50
 2,6-Dinitrotoluene
 Concen: 5.81 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tot Ion:165 Resp: 9344
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

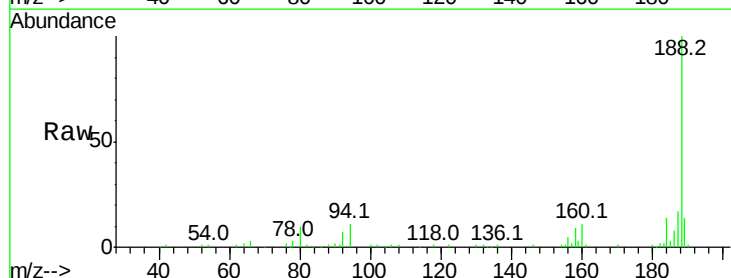


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

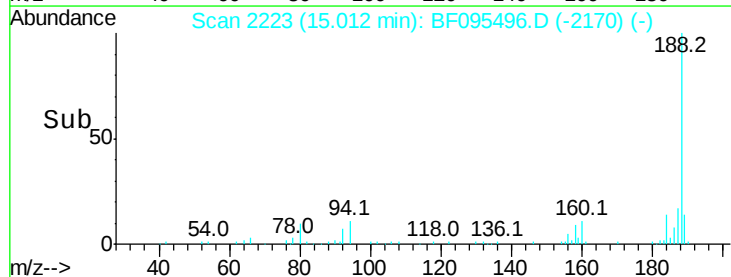
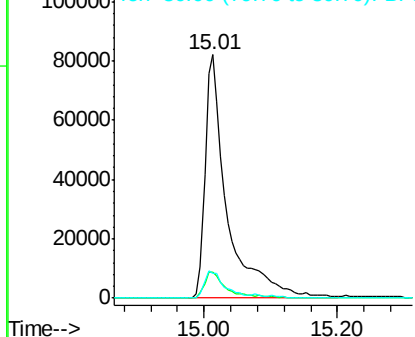


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tgt Ion:188 Resp: 188224
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.4 10.2 15.2



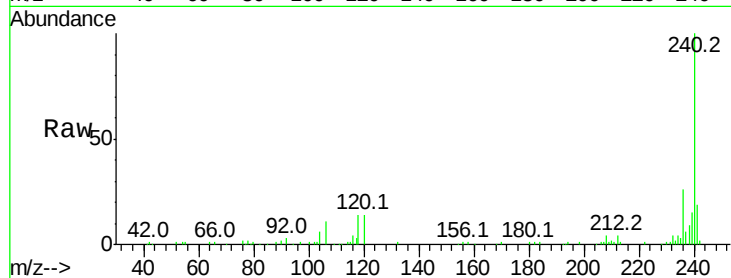
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0



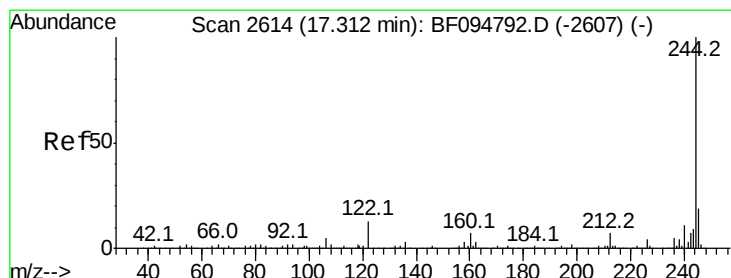
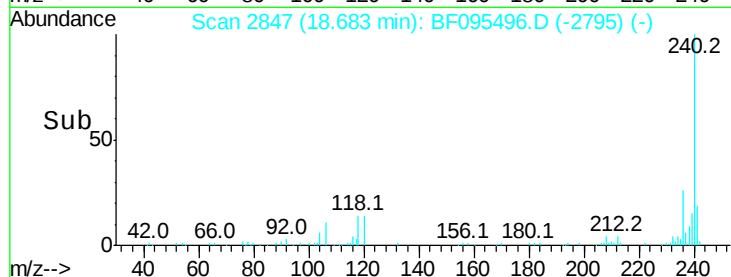
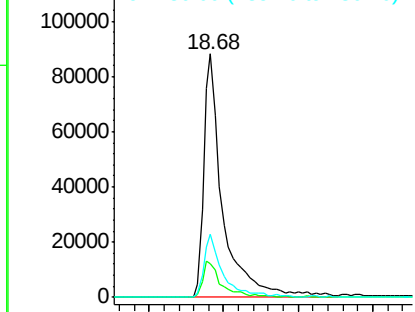


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tot Ion:240 Resp: 157928
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 26.2 20.5 30.7

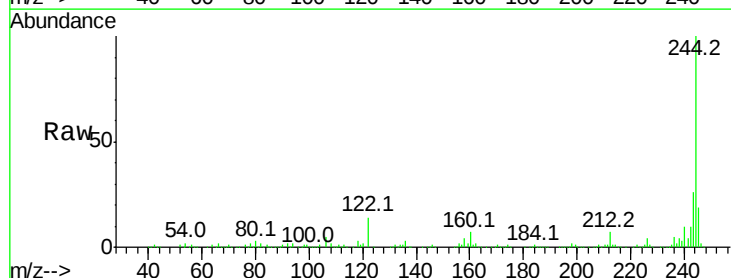


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

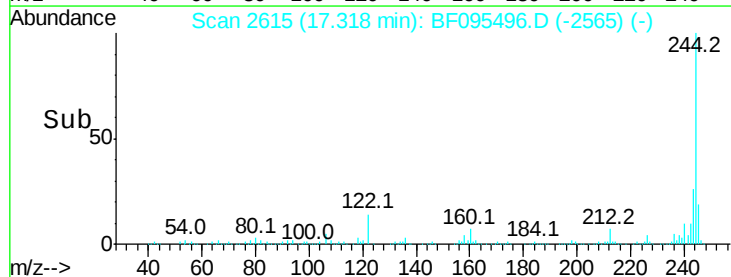
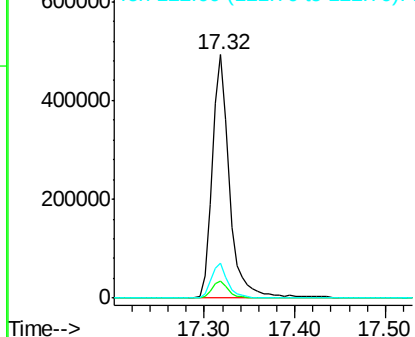


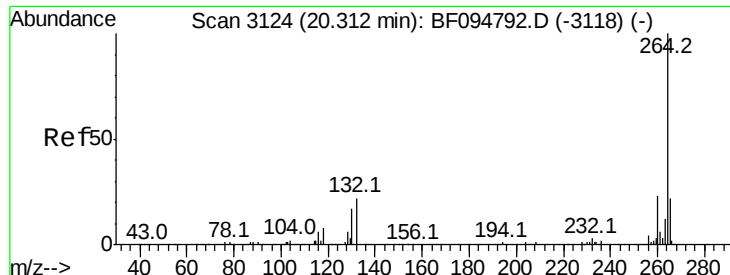
#78
 Terphenyl-d14
 Concen: 91.50 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tgt Ion:244 Resp: 656077
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.4 10.3 15.5



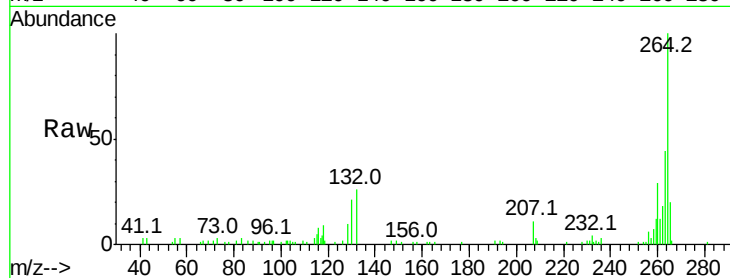
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

Tot Ion:264	Resp:	50868
Ion Ratio	Lower	Upper
264	100	
260	28.9	19.5 29.3
265	20.2	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

