

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095486.D
 Acq On : 27 May 2017 6:02
 Operator : SJ/MA
 Sample : I3350-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

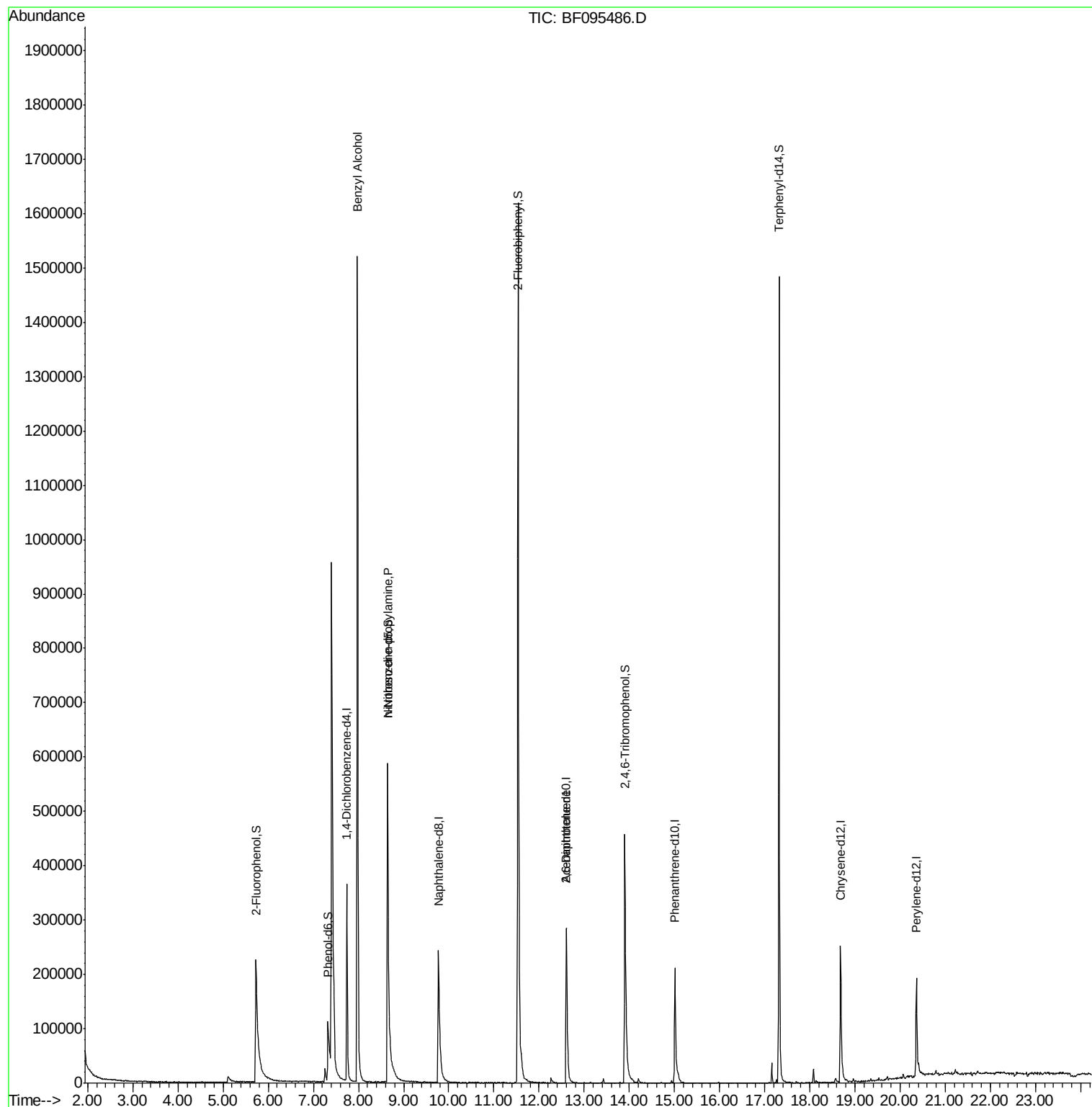
Quant Time: May 27 07:01:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

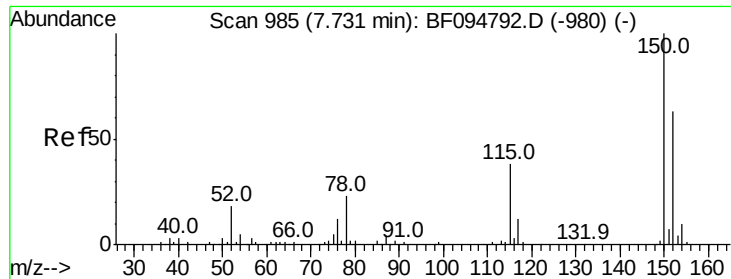
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88339	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	332956	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	135907	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	188830	20.00	ng	0.01
75) Chrysene-d12	18.68	240	171689	20.00	ng	0.00
86) Perylene-d12	20.36	264	117667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	275662	52.03	ng	0.02
7) Phenol-d6	7.32	99	189585	29.82	ng	0.03
23) Nitrobenzene-d5	8.65	82	480624	91.03	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	124746	112.08	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1051607	111.37	ng	0.00
78) Terphenyl-d14	17.32	244	629920	80.81	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.98	79	8418	2.06	ng	# 35
19) n-Nitroso-di-n-propylamine	8.65	70	56731	13.19	ng	# 77
50) 2,6-Dinitrotoluene	12.60	165	13363	5.87	ng	# 31

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

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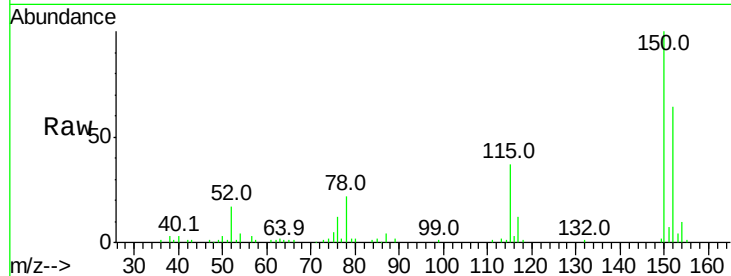




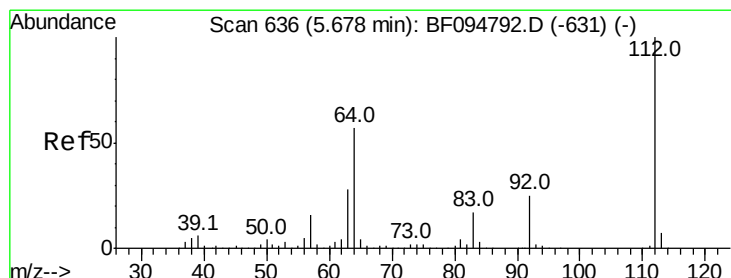
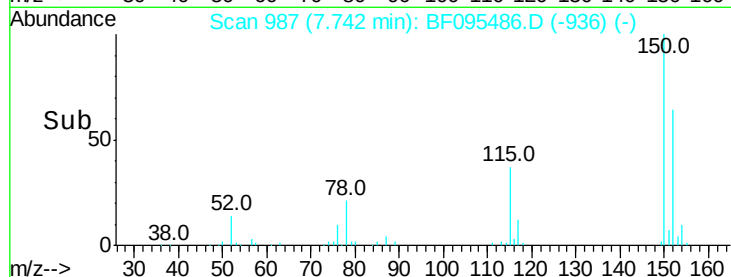
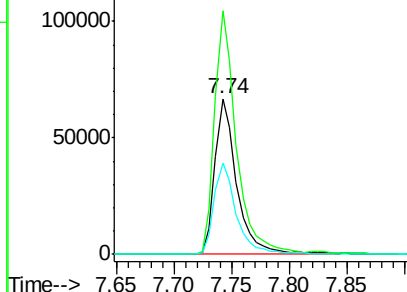
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095486.D
Acq: 27 May 2017 6:02

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	58.6	52.2	78.2



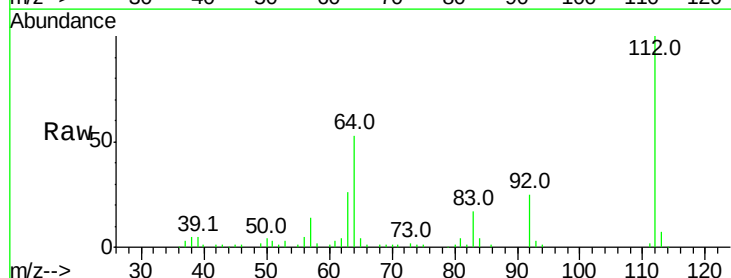
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



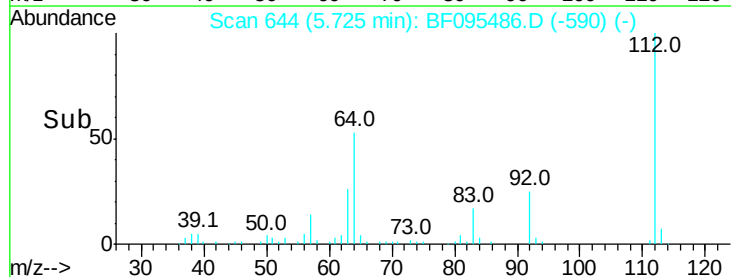
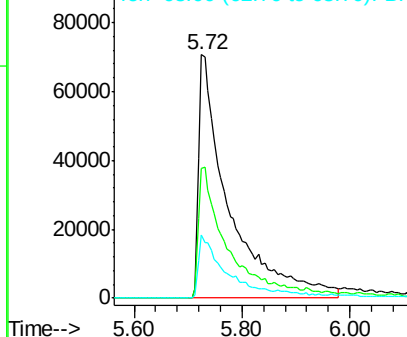
#5

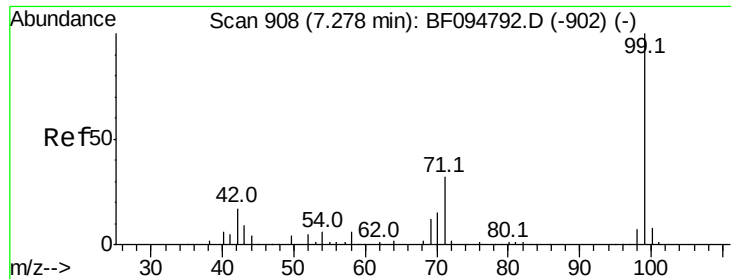
2-Fluorophenol
Concen: 52.03 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095486.D
Acq: 27 May 2017 6:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	25.9	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: 29.82 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

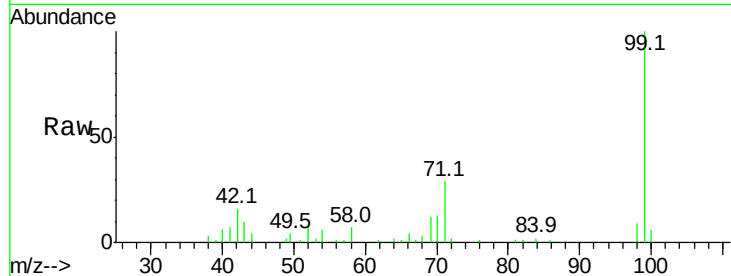
Tot Ion: 99 Resp: 189585

Ion Ratio Lower Upper

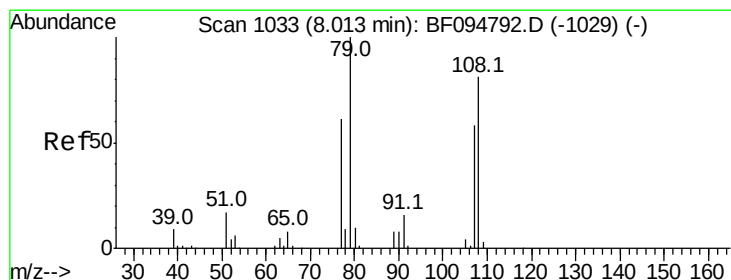
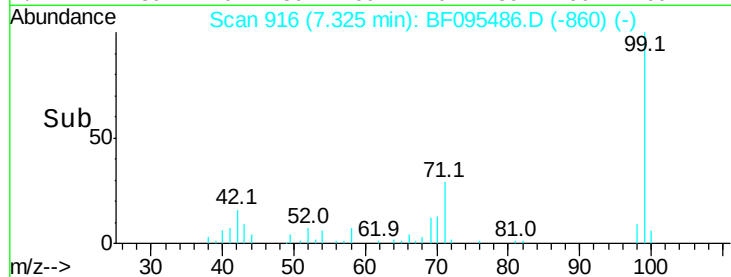
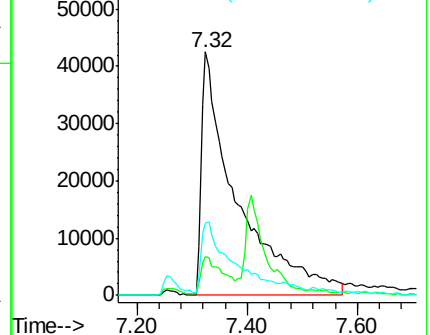
99 100

42 15.8 13.5 20.3

71 29.4 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: 2.06 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

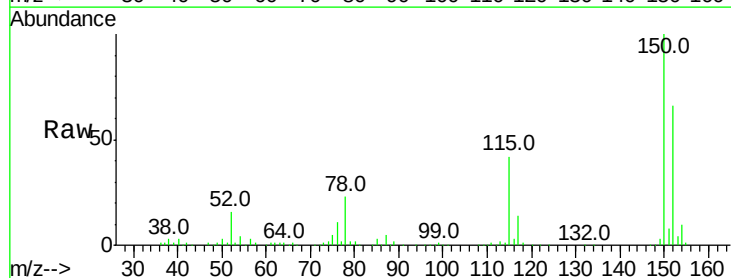
Tgt Ion: 79 Resp: 8418

Ion Ratio Lower Upper

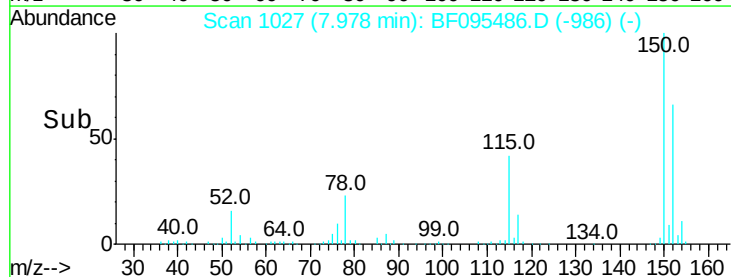
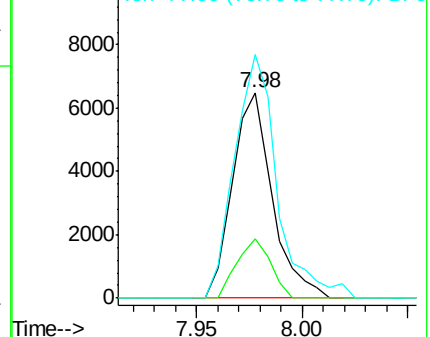
79 100

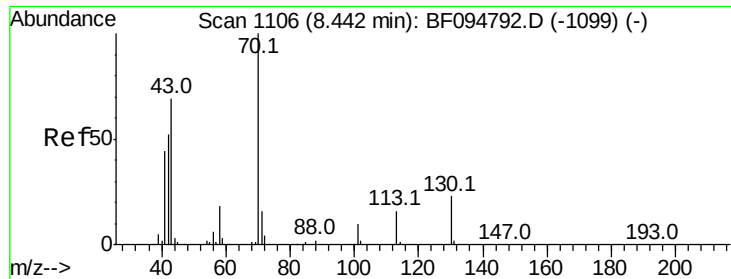
108 29.0 63.4 95.0#

77 118.3 49.2 73.8#



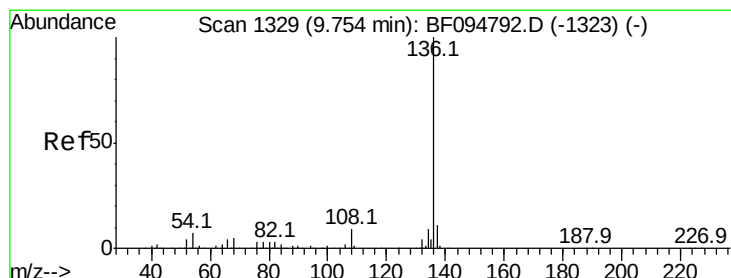
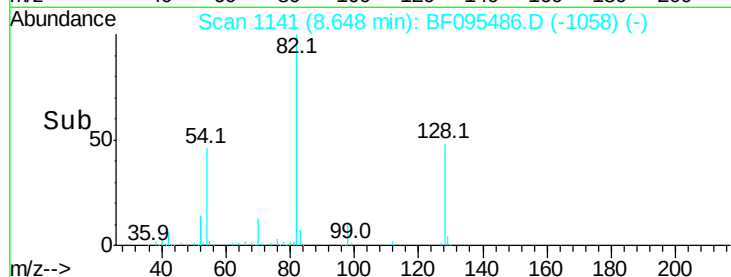
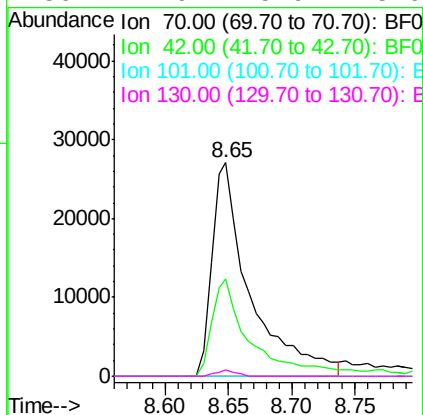
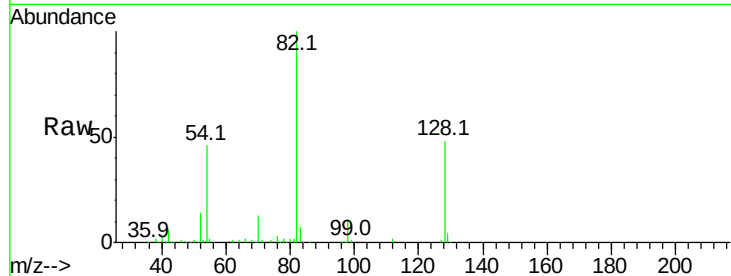
Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





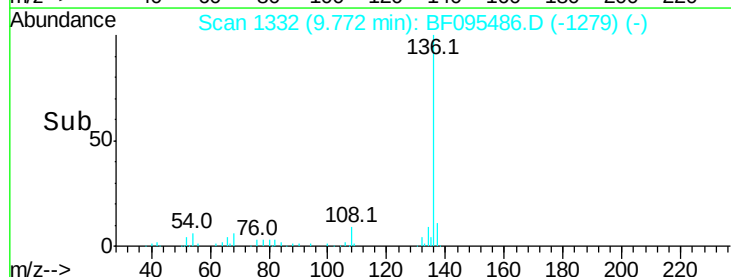
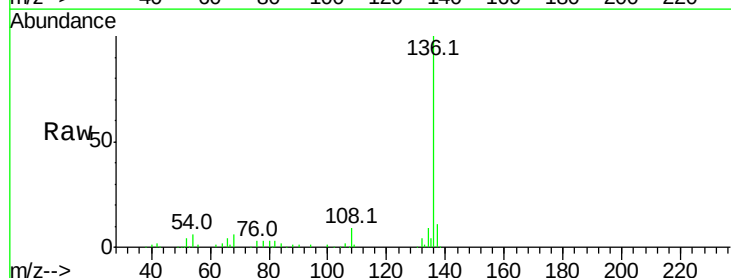
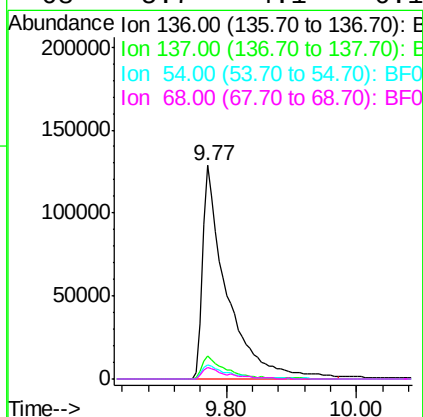
#19
n-Nitroso-di-n-propylamine
Concen: 13.19 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.19 min
Lab File: BF095486.D
Acq: 27 May 2017 6:02

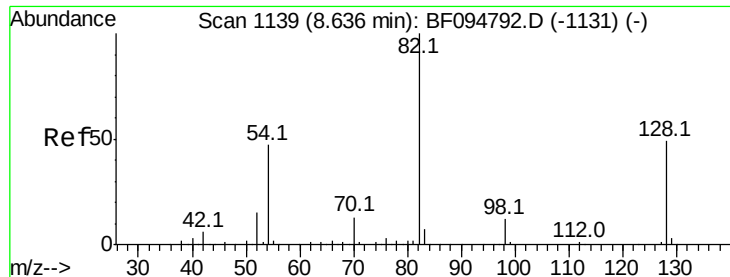
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095486.D
Acq: 27 May 2017 6:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.3	4.9	7.3
68	5.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 91.03 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

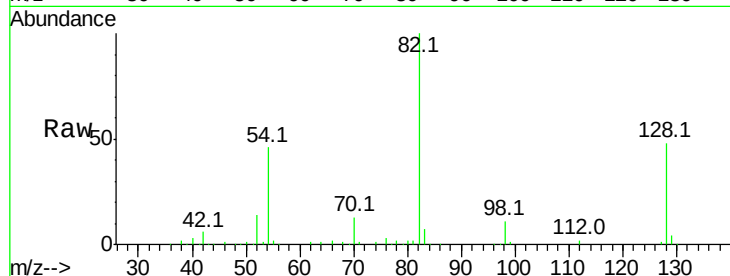
Tot Ion: 82 Resp: 480624

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

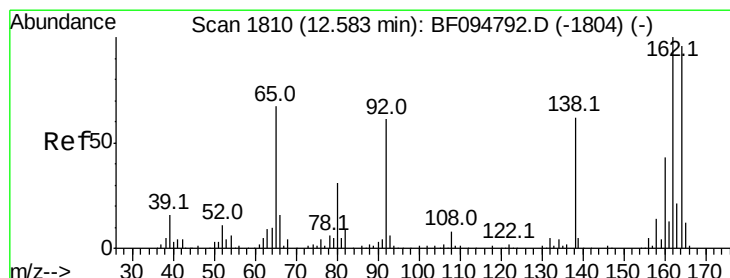
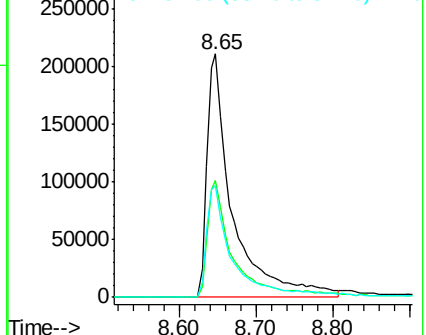
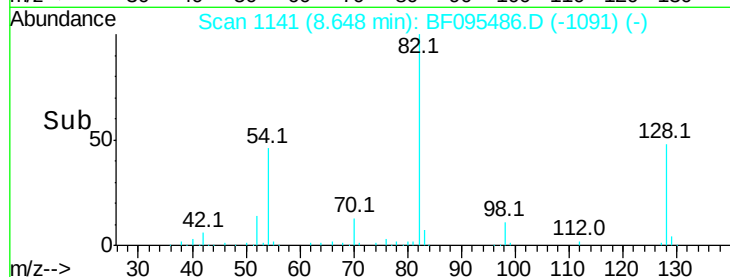
54 45.8 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

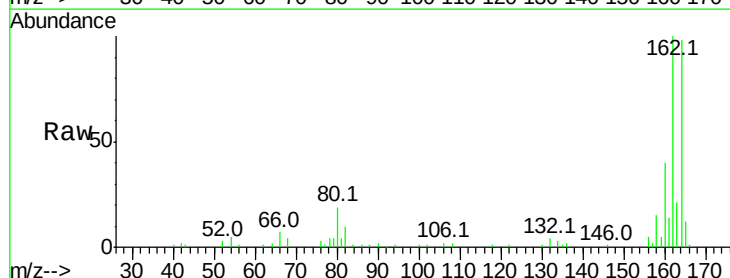
Tgt Ion: 164 Resp: 135907

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

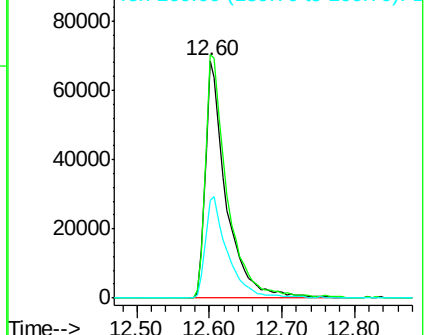
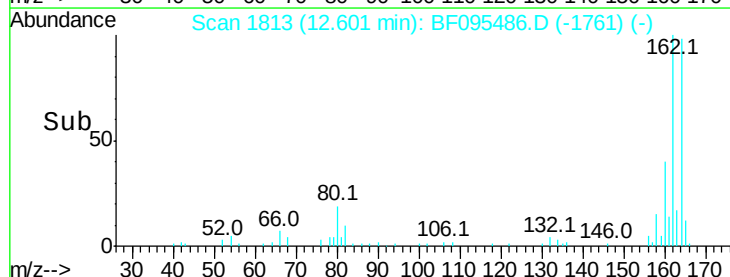
160 41.4 36.2 54.2

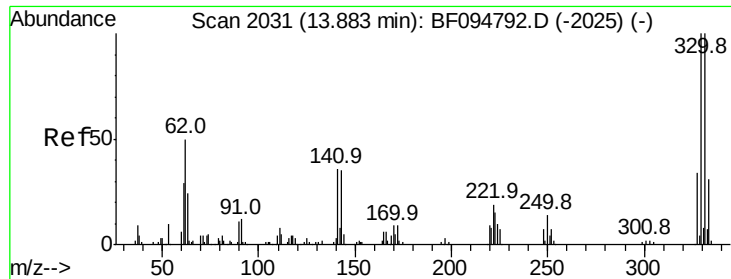


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

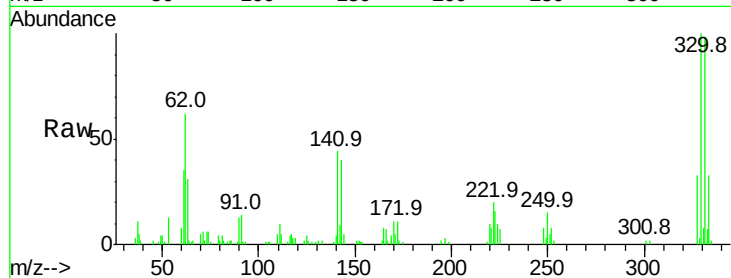
Ion 160.00 (159.70 to 160.70): E



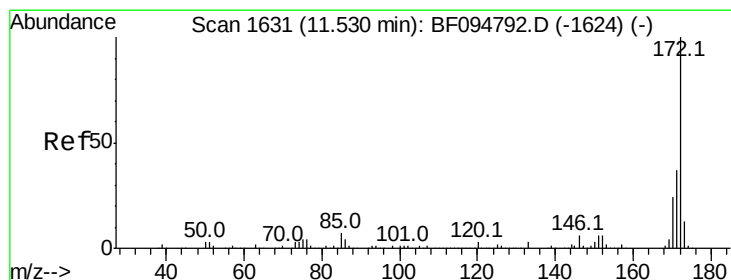
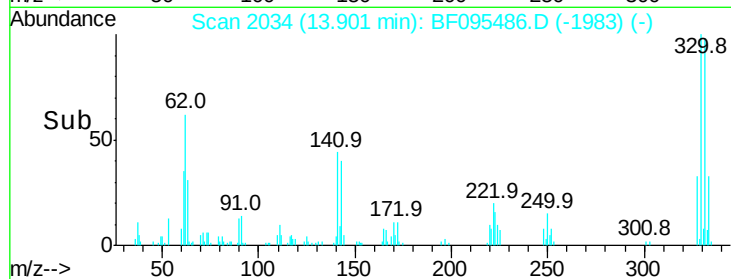
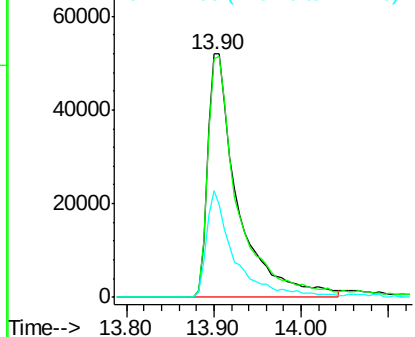


#41
 2,4,6-Tribromophenol
 Concen: 112.08 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	40.4	31.4	47.2

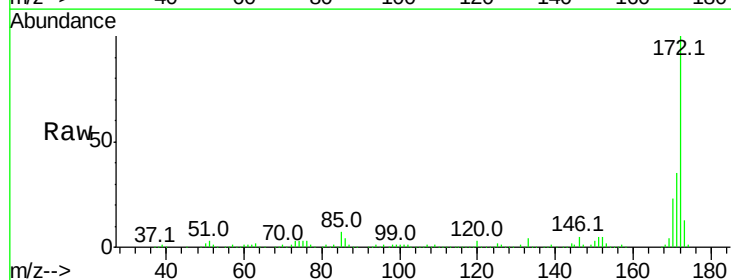


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

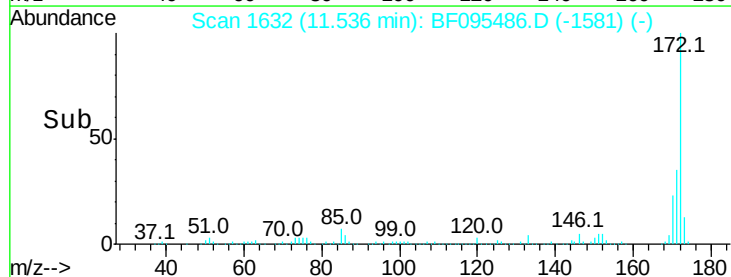
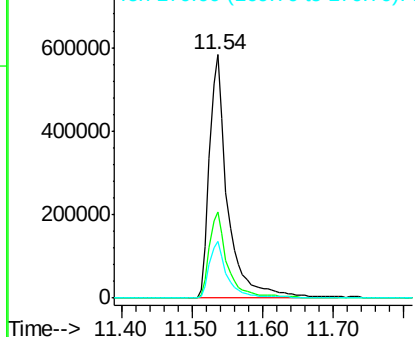


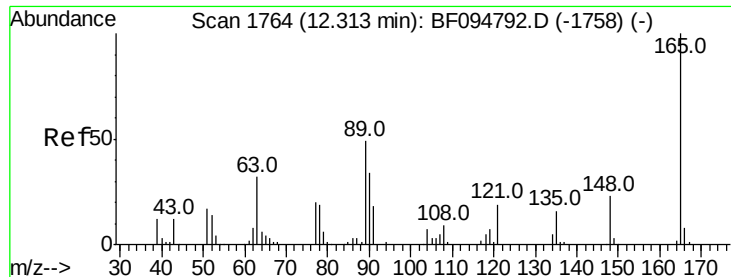
#44
 2-Fluorobiphenyl
 Concen: 111.37 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.2	19.8	29.8



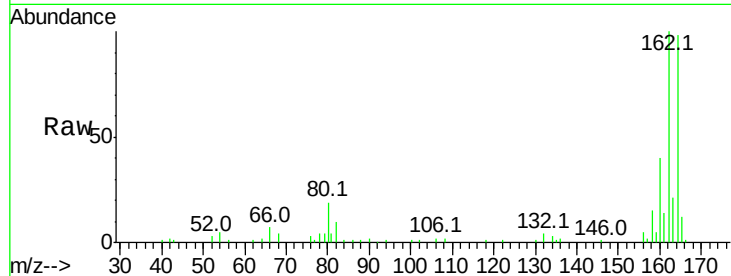
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
 2,6-Dinitrotoluene
 Concen: 5.87 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

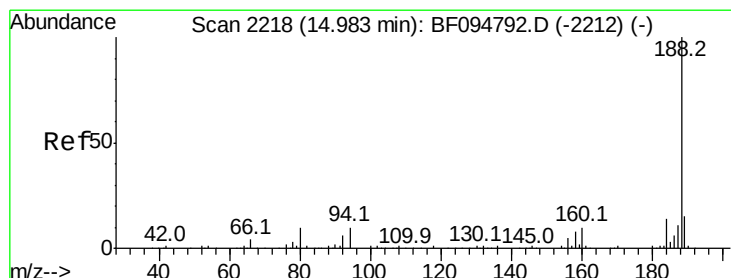
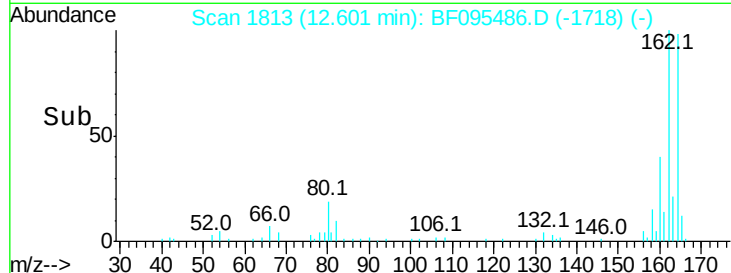
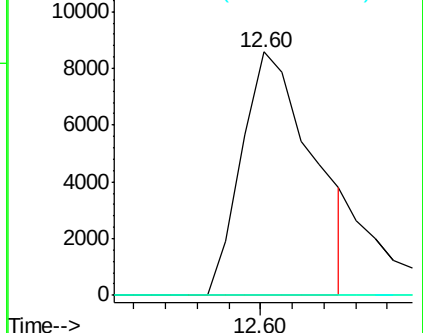
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

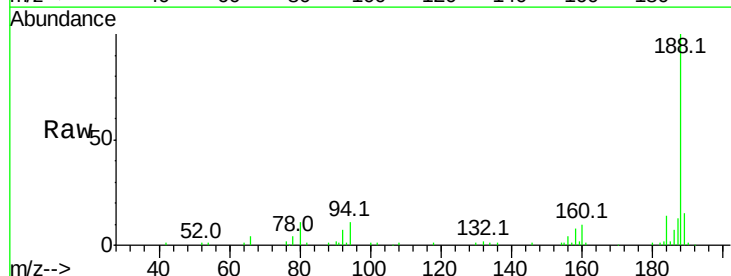
Ion 63.00 (62.70 to 63.70): BF0

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: BF095486.D
 Acq: 27 May 2017 6:02

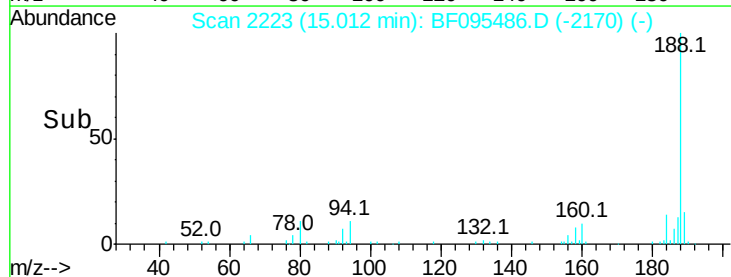
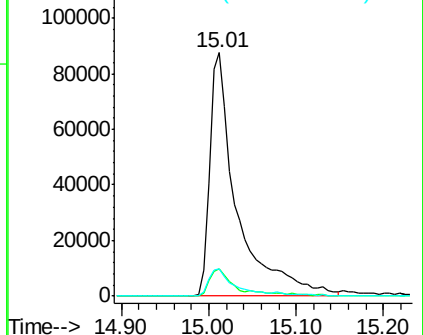
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.1	10.2	15.2

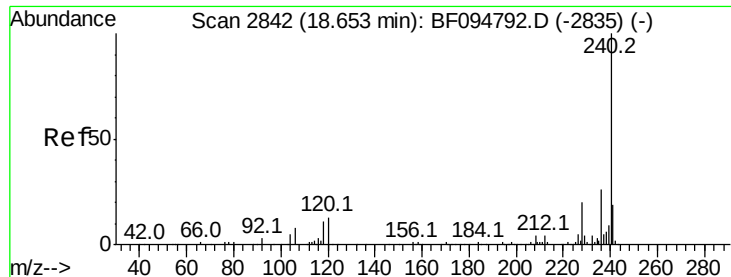


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF095486.D

Acq: 27 May 2017 6:02

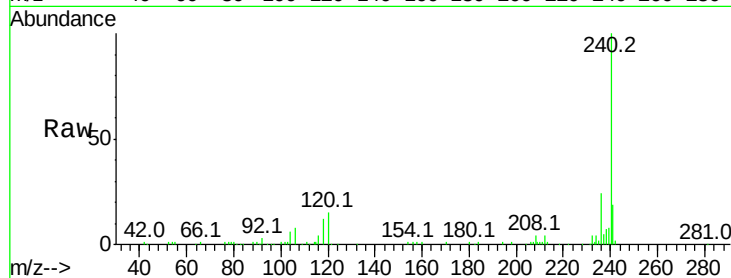
Tot Ion:240 Resp: 171689

Ion Ratio Lower Upper

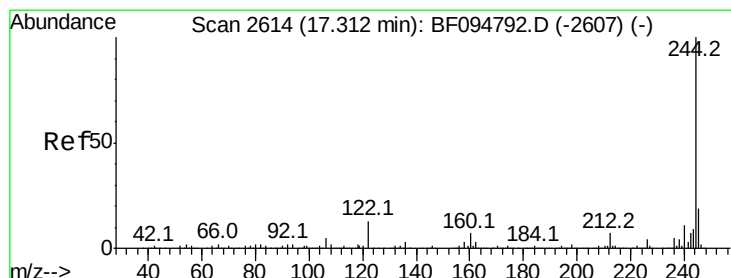
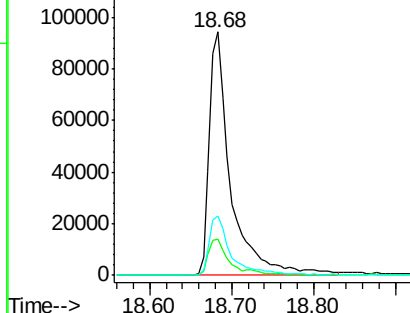
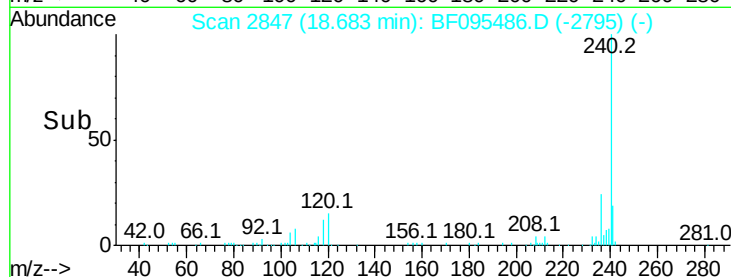
240 100

120 15.0 5.8 8.8#

236 24.3 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: 80.81 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

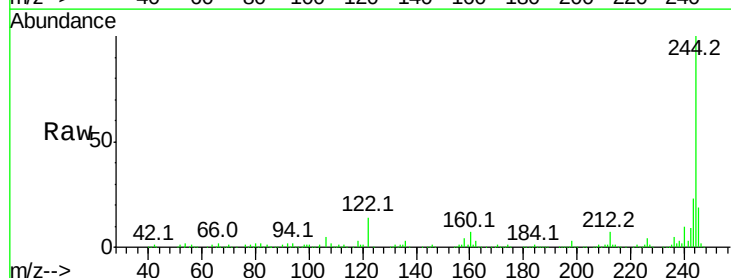
Tgt Ion:244 Resp: 629920

Ion Ratio Lower Upper

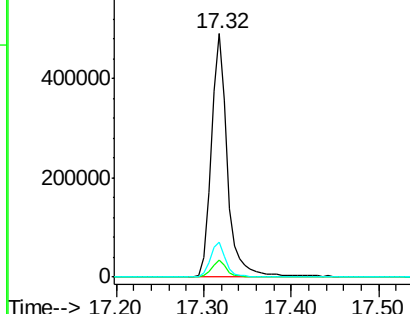
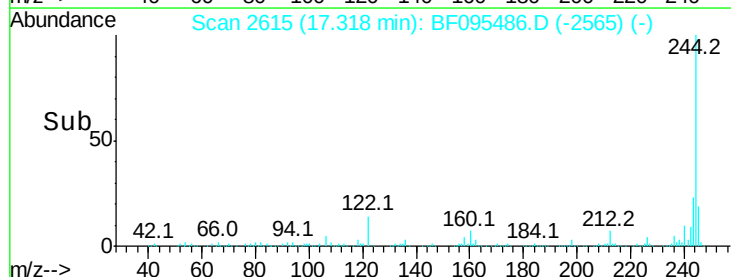
244 100

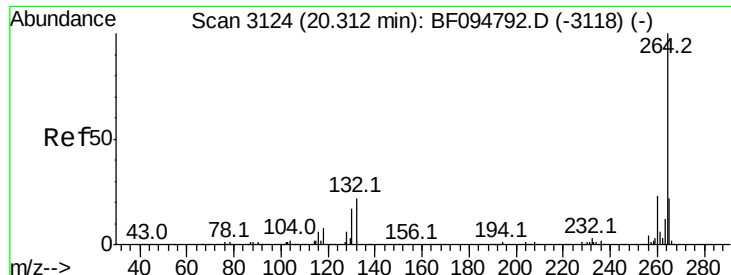
212 6.9 6.0 9.0

122 14.1 10.3 15.5



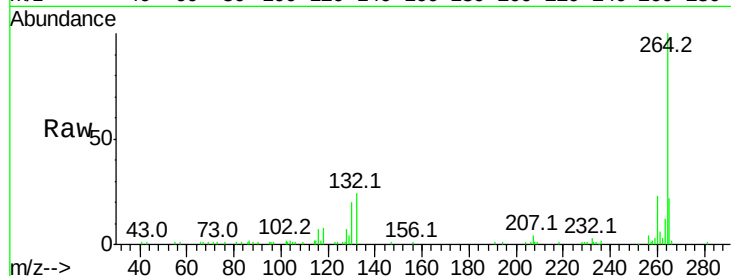
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BF095486.D
Acq: 27 May 2017 6:02

Tot Ion:264	Resp:	117667
Ion Ratio	Lower	Upper
264	100	
260	22.8	19.5 29.3
265	21.8	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

