

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095465.D
 Acq On : 26 May 2017 17:27
 Operator : SJ/MA
 Sample : I3221-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

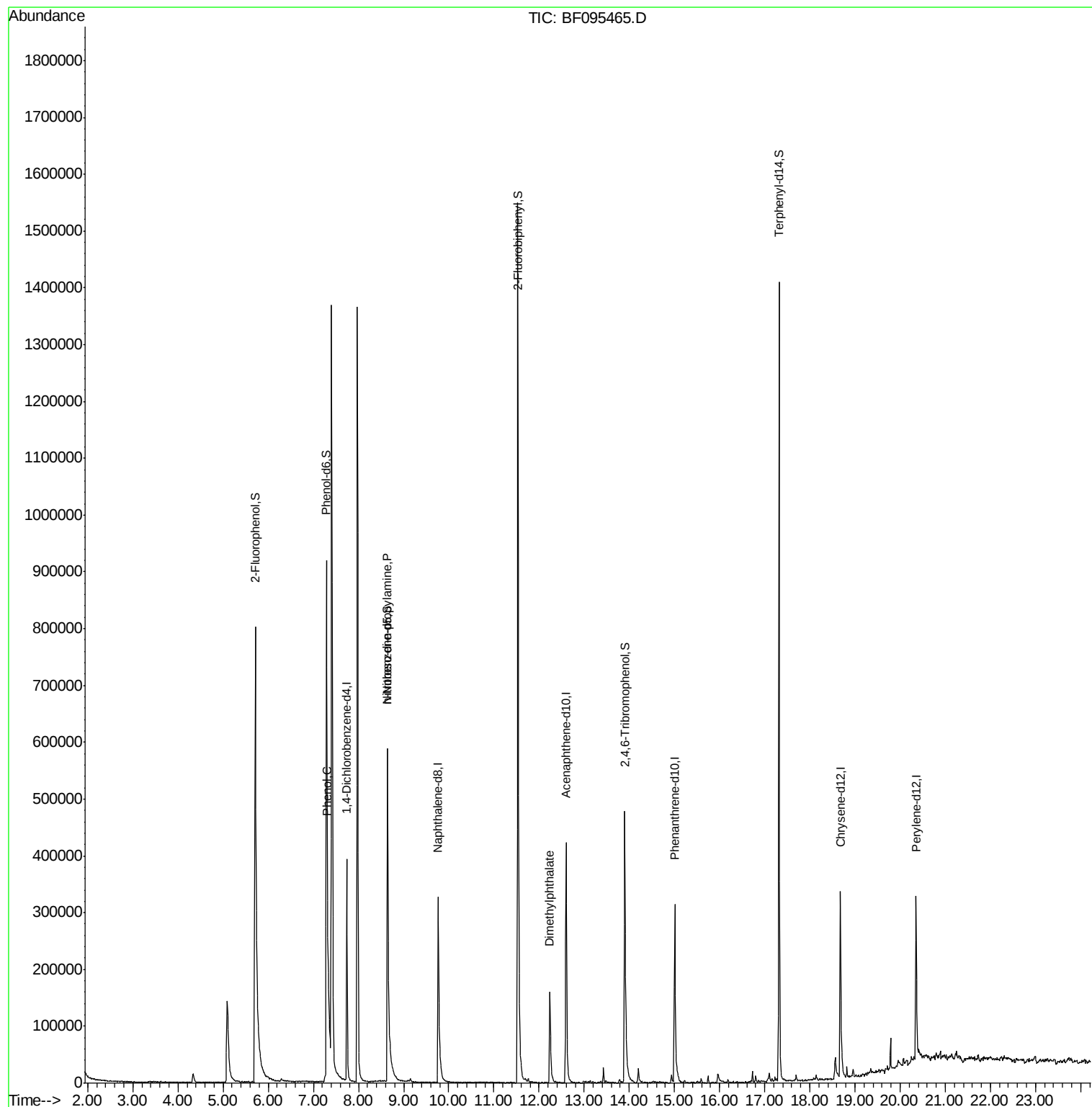
Quant Time: May 26 17:58:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

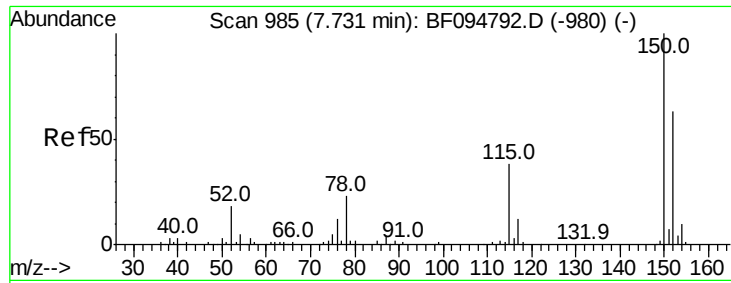
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90426	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	362802	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	157985	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	241146	20.00	ng	0.00
75) Chrysene-d12	18.68	240	190478	20.00	ng	0.00
86) Perylene-d12	20.35	264	155014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	666466	122.88	ng	0.00
7) Phenol-d6	7.29	99	821721	126.27	ng	0.00
23) Nitrobenzene-d5	8.64	82	450150	78.24	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	118600	91.66	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	925337	84.30	ng	0.00
78) Terphenyl-d14	17.32	244	568642	65.75	ng	0.00
Target Compounds						
10) Phenol	7.31	94	14767	2.15	ng	# 37
19) n-Nitroso-di-n-propylamine	8.64	70	52932	12.03	ng	# 73
49) Dimethylphthalate	12.24	163	159399	12.29	ng	99

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

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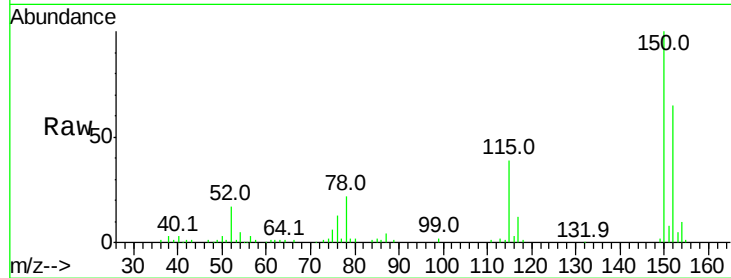




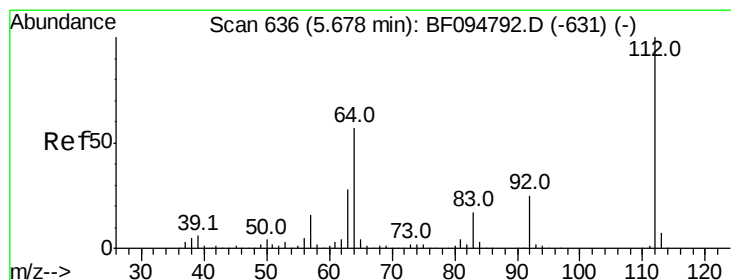
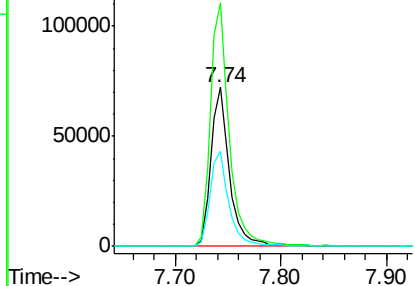
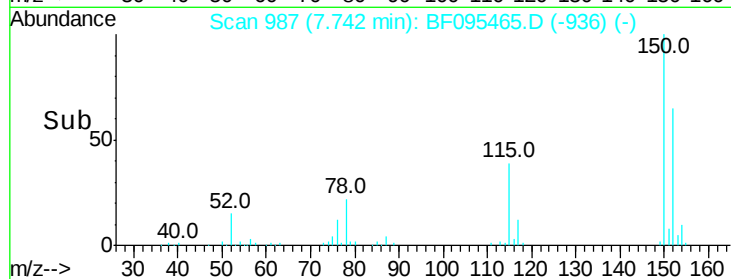
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095465.D
Acq: 26 May 2017 17:27

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	59.5	52.2	78.2



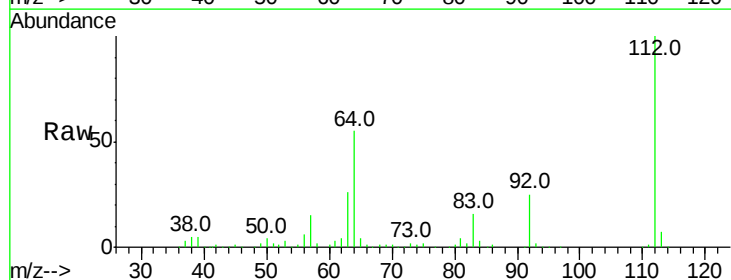
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



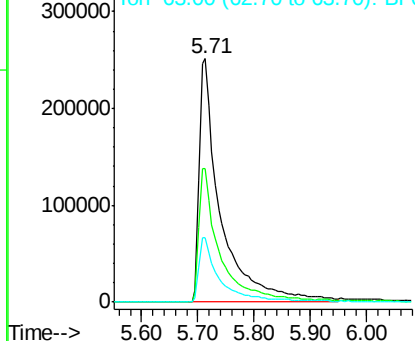
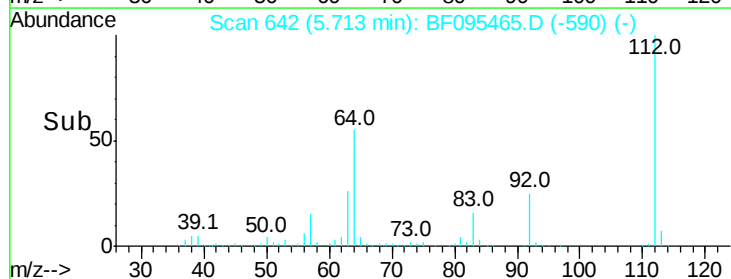
#5

2-Fluorophenol
Concen: 122.88 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF095465.D
Acq: 26 May 2017 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	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: 126.27 ng

RT: 7.29 min Scan# 910

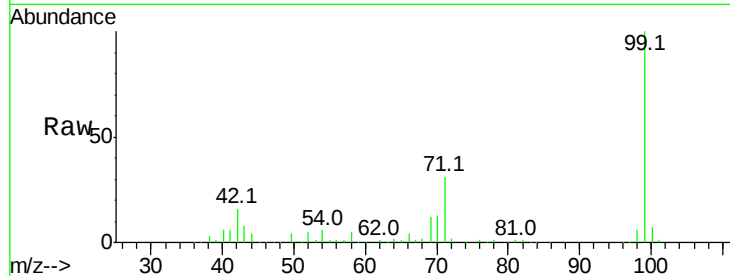
Delta R.T. -0.01 min

Lab File: BF095465.D

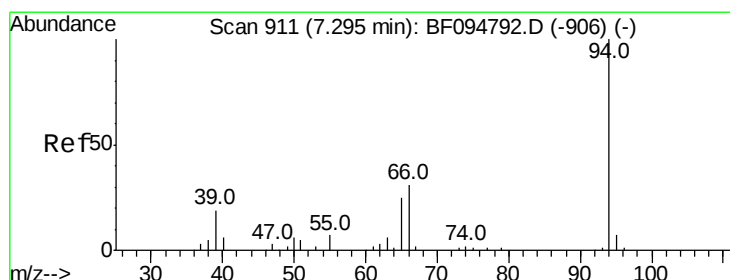
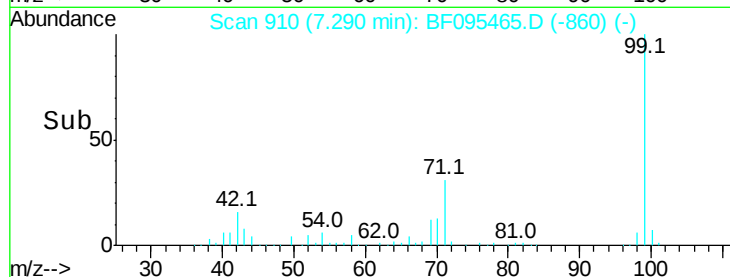
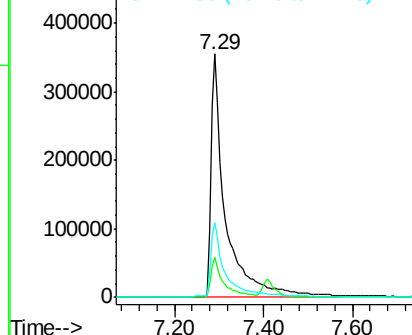
Acq: 26 May 2017 17:27

Tot Ion: 99 Resp: 821721

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.7	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



#10

Phenol

Concen: 2.15 ng

RT: 7.31 min Scan# 914

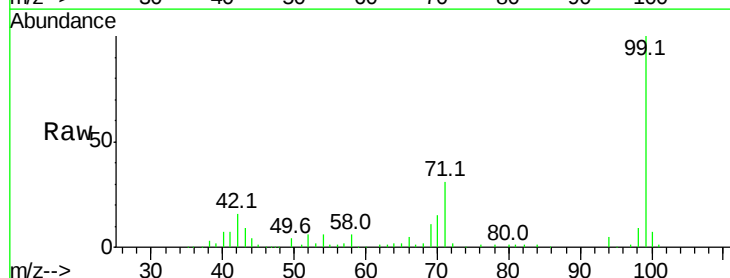
Delta R.T. 0.00 min

Lab File: BF095465.D

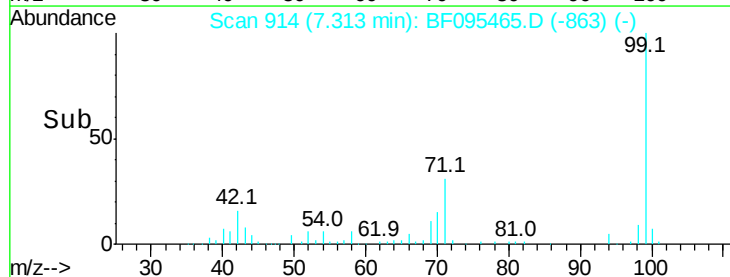
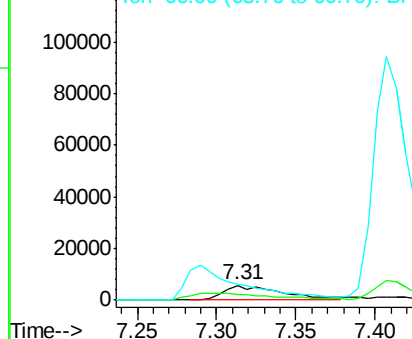
Acq: 26 May 2017 17:27

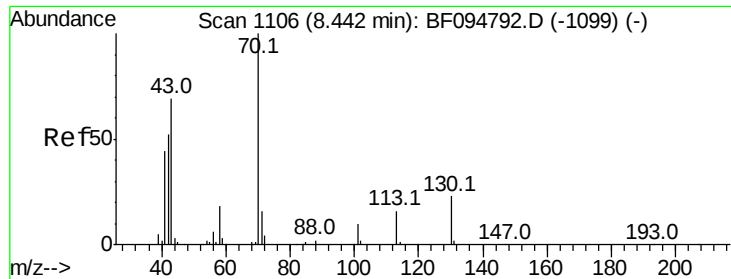
Tgt Ion: 94 Resp: 14767

Ion	Ratio	Lower	Upper
94	100		
65	37.3	9.9	49.9
66	105.7	23.1	63.1#



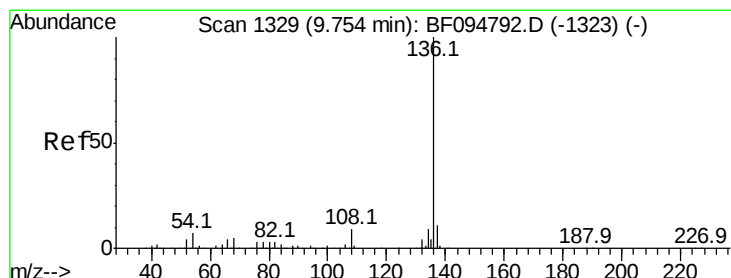
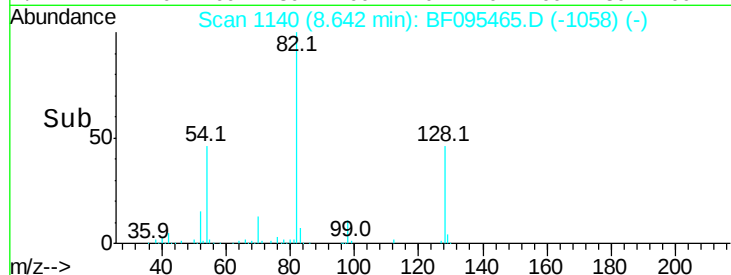
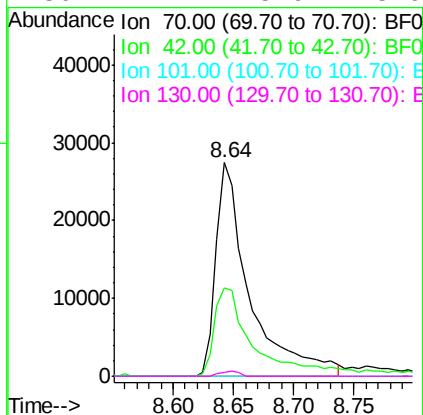
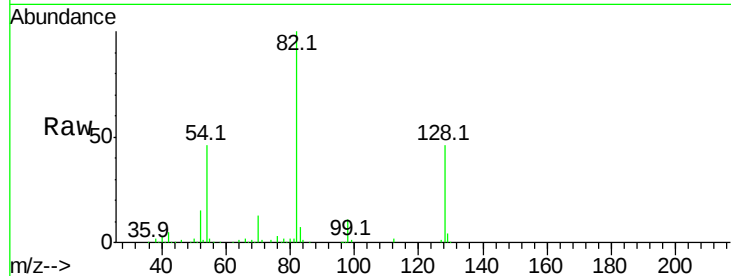
Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





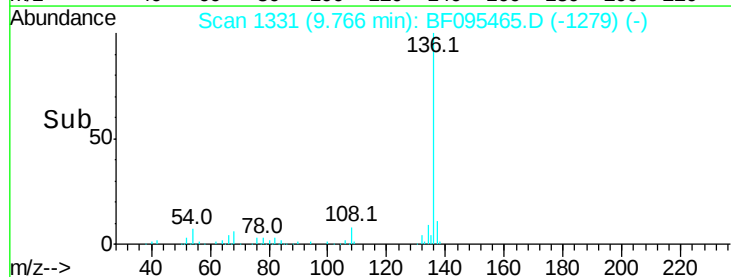
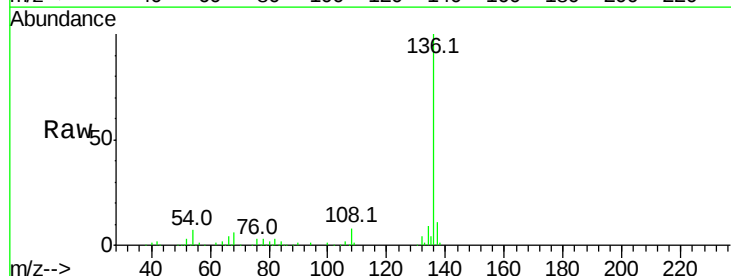
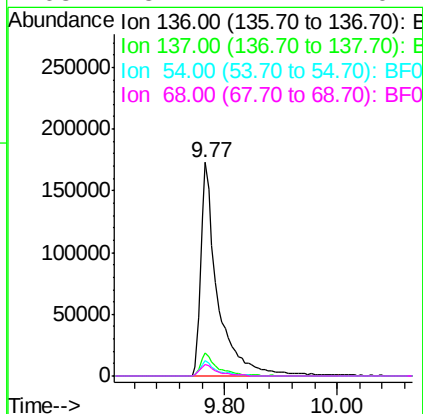
#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095465.D
Acq: 26 May 2017 17:27

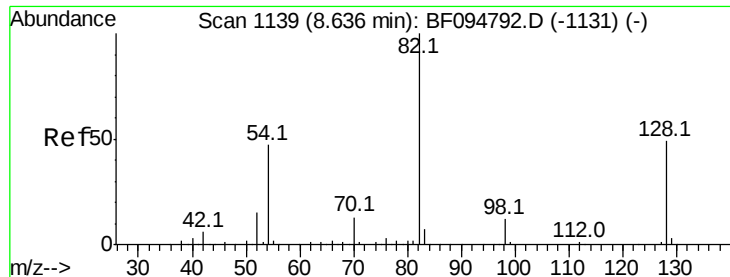
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095465.D
Acq: 26 May 2017 17:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	5.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 78.24 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095465.D

Acq: 26 May 2017 17:27

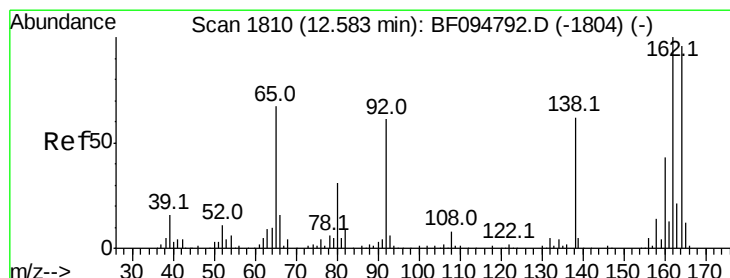
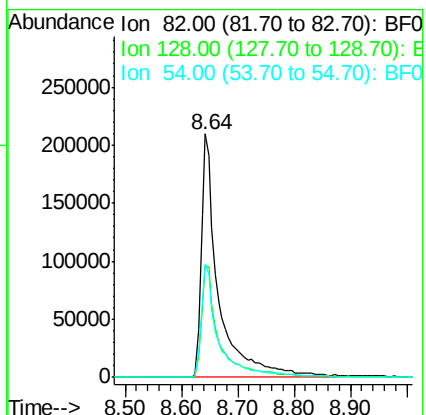
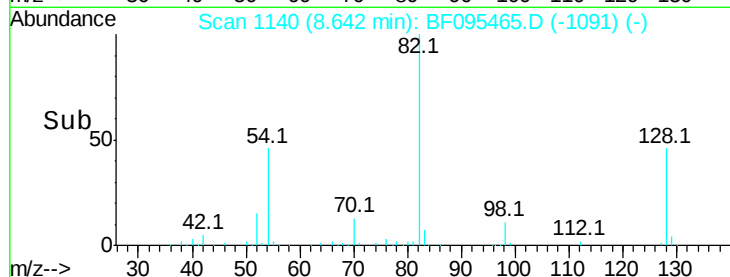
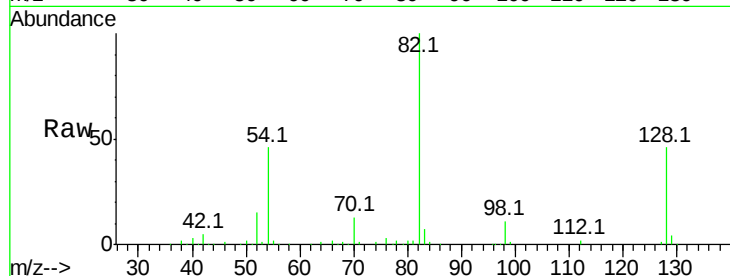
Tot Ion: 82 Resp: 450150

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

54 46.5 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095465.D

Acq: 26 May 2017 17:27

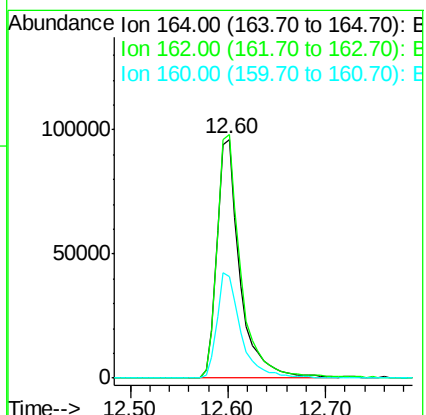
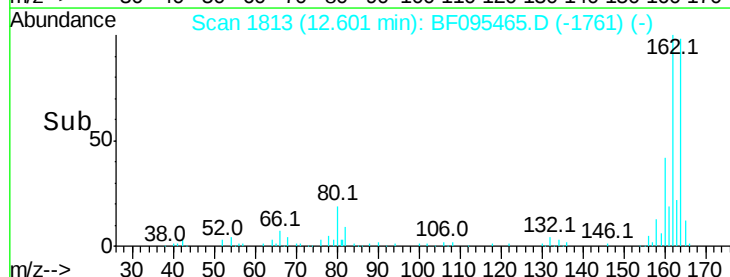
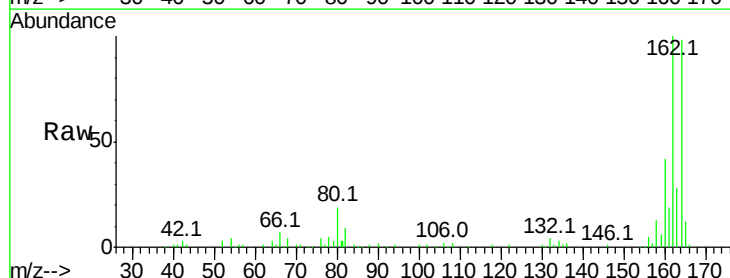
Tgt Ion:164 Resp: 157985

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

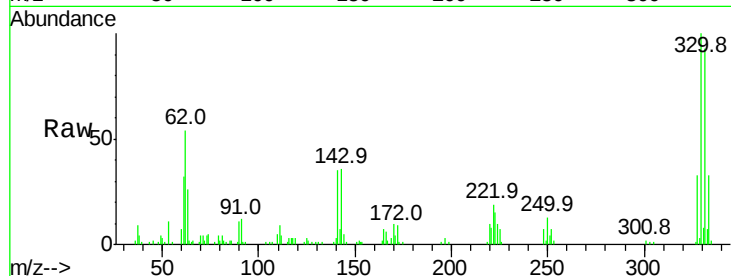
160 42.8 36.2 54.2



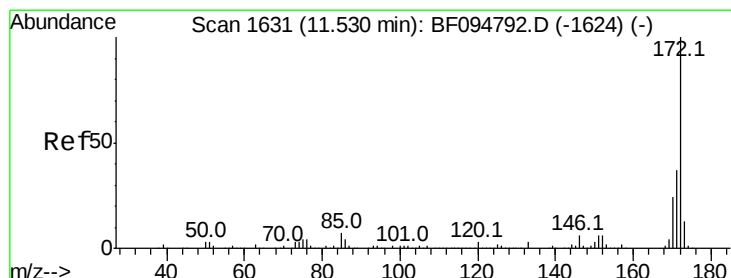
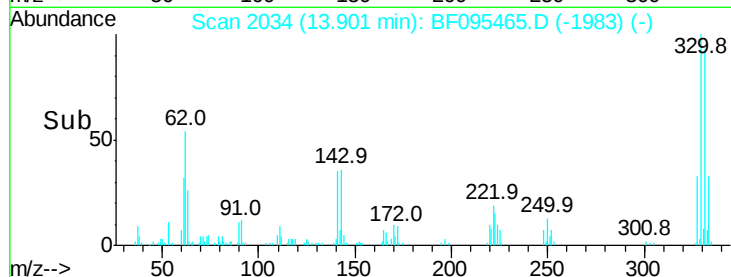
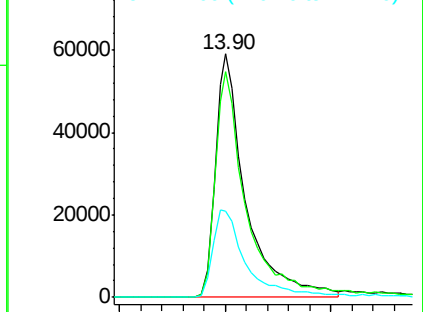


#41
 2,4,6-Tribromophenol
 Concen: 91.66 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095465.D
 Acq: 26 May 2017 17:27

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.9	31.4	47.2

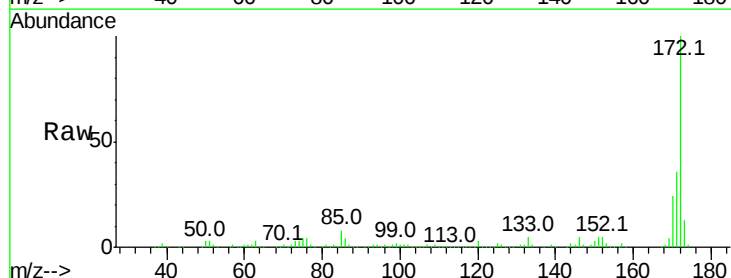


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

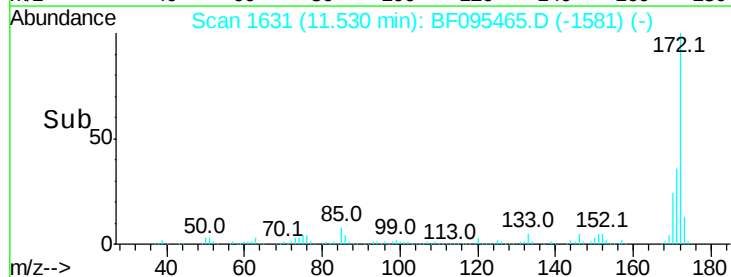
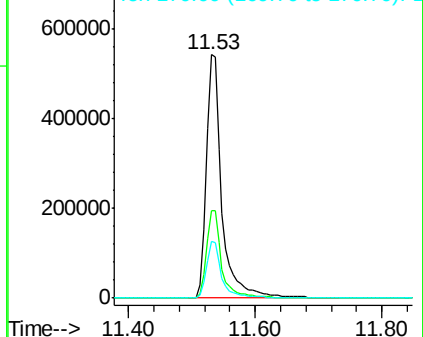


#44
 2-Fluorobiphenyl
 Concen: 84.30 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095465.D
 Acq: 26 May 2017 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	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: 12.29 ng

RT: 12.24 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF095465.D

Acq: 26 May 2017 17:27

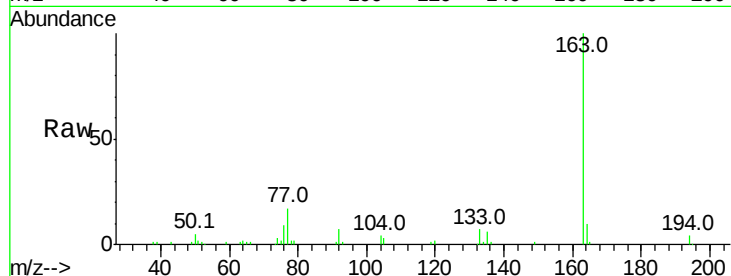
Tot Ion:163 Resp: 159399

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

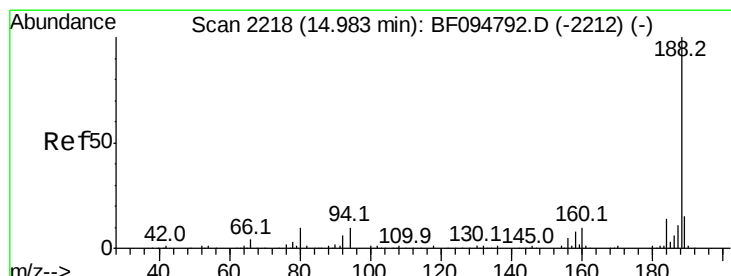
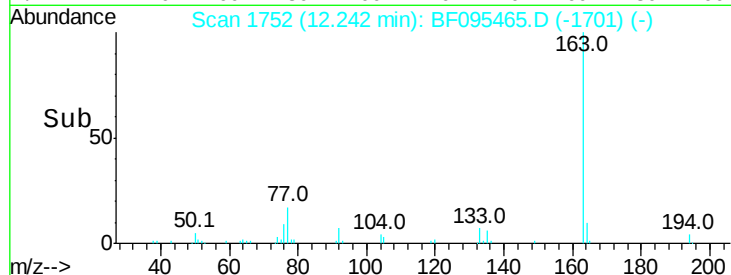
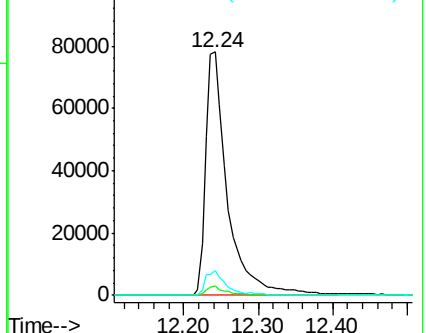
164 9.9 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF095465.D

Acq: 26 May 2017 17:27

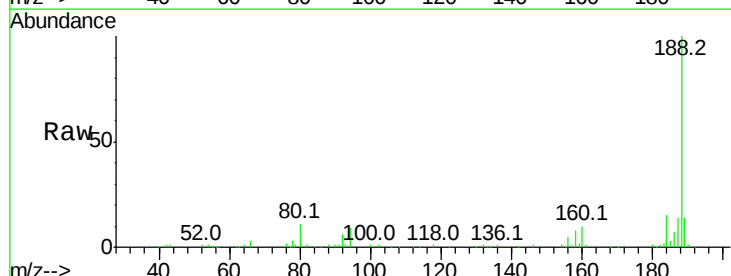
Tgt Ion:188 Resp: 241146

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2

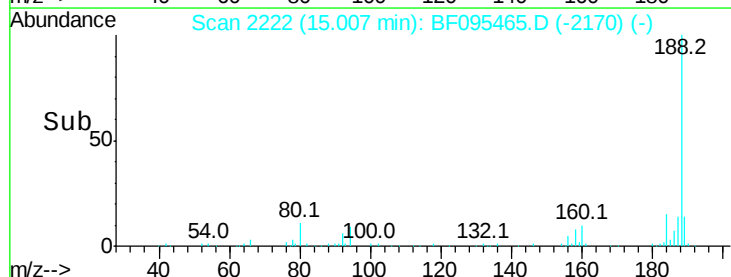
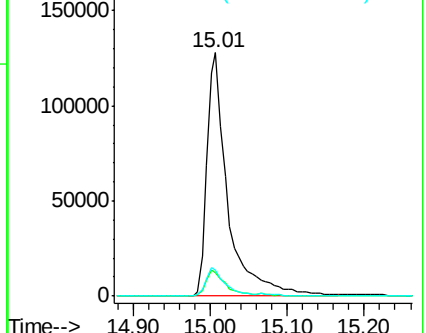
80 10.8 10.2 15.2

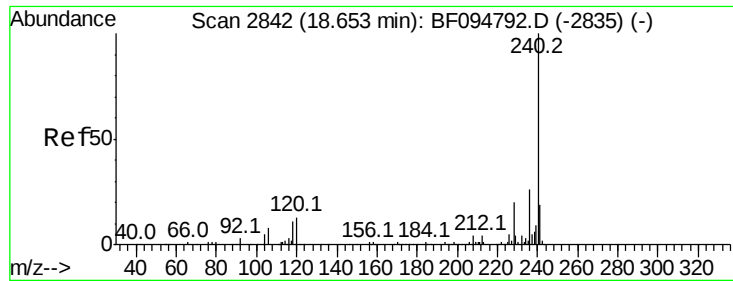


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2846

Delta R.T. 0.00 min

Lab File: BF095465.D

Acq: 26 May 2017 17:27

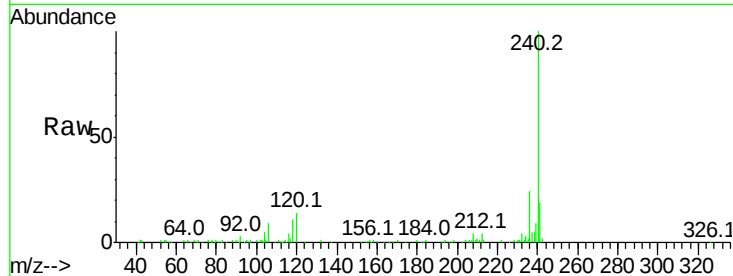
Tot Ion:240 Resp: 190478

Ion Ratio Lower Upper

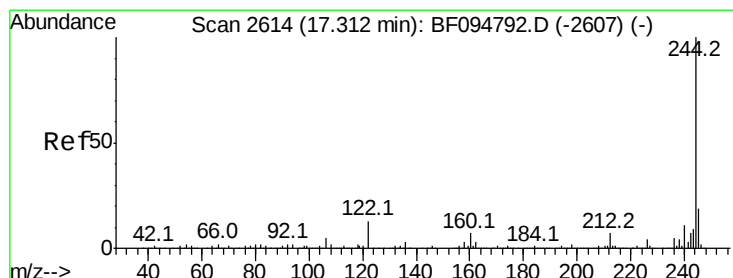
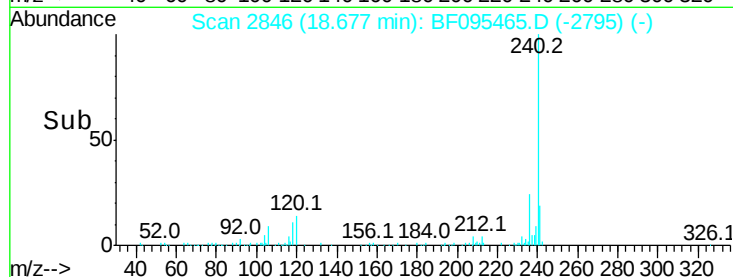
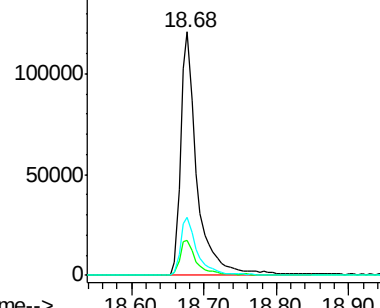
240 100

120 14.3 5.8 8.8#

236 23.9 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: 65.75 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095465.D

Acq: 26 May 2017 17:27

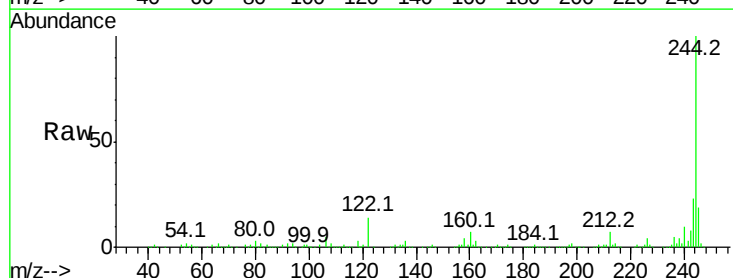
Tgt Ion:244 Resp: 568642

Ion Ratio Lower Upper

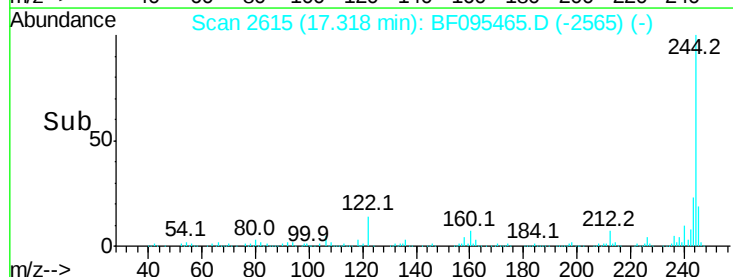
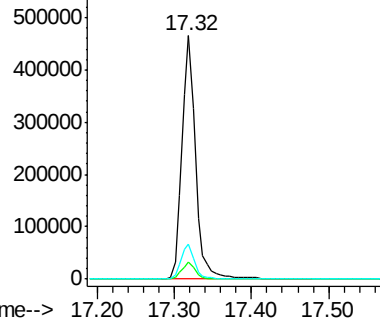
244 100

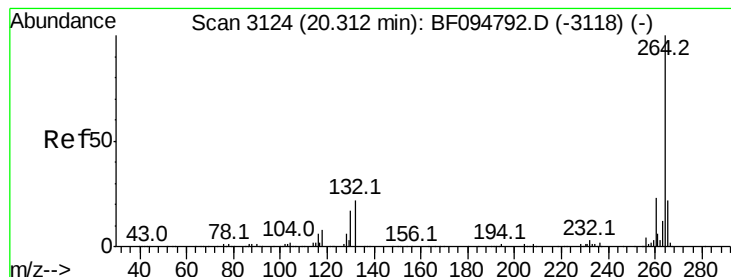
212 6.9 6.0 9.0

122 14.4 10.3 15.5



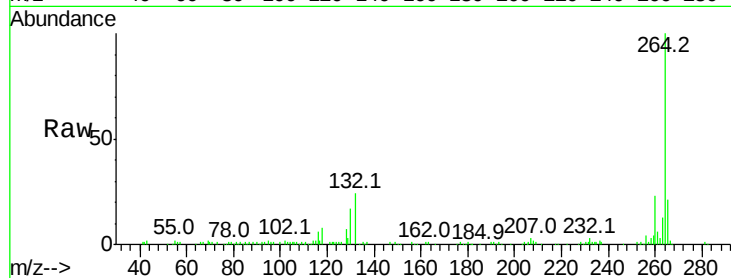
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095465.D
Acq: 26 May 2017 17:27

Tot Ion:	264	Resp:	155014
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	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

