

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095464.D
 Acq On : 26 May 2017 16:54
 Operator : SJ/MA
 Sample : I3222-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

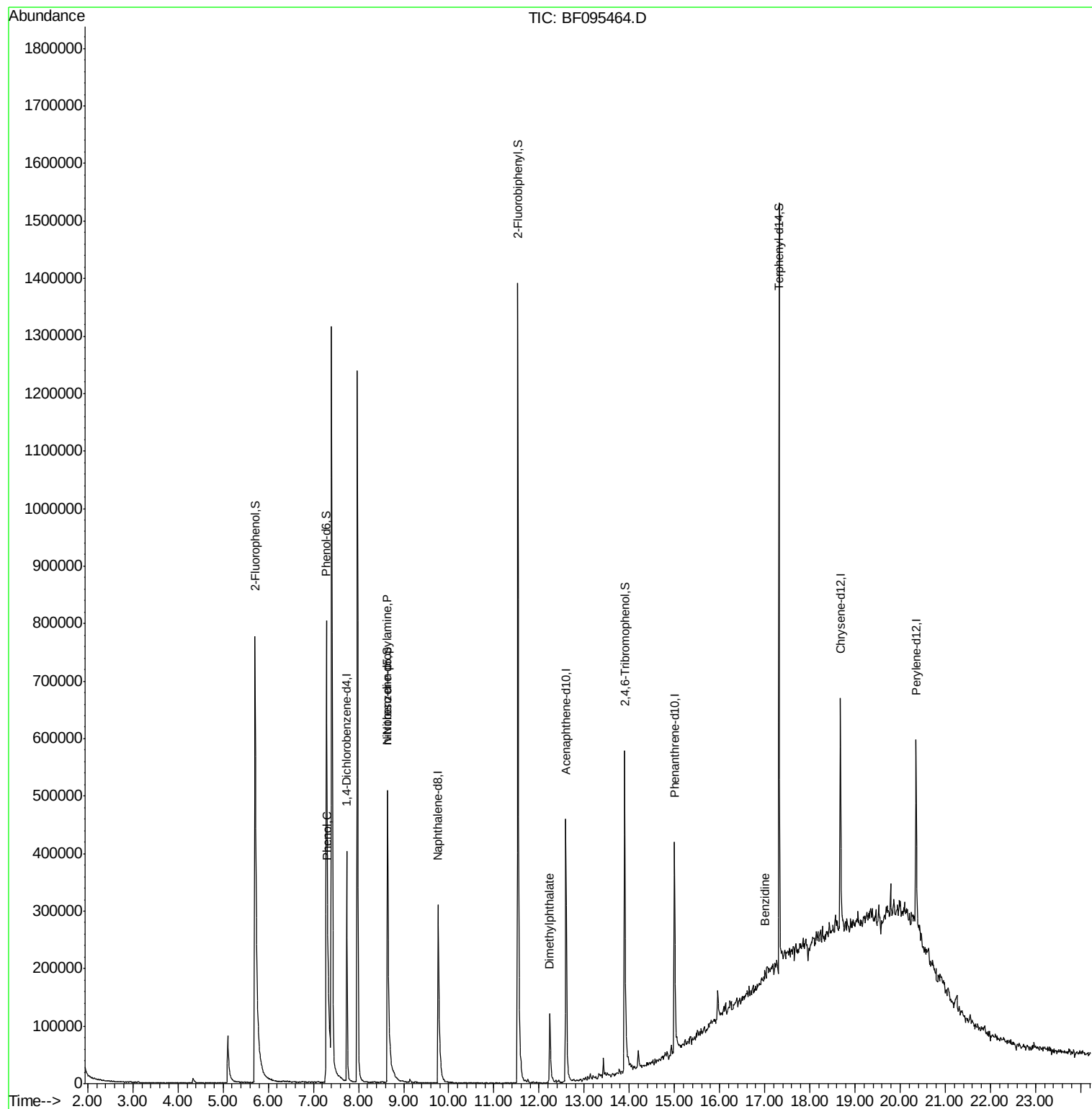
Quant Time: May 26 17:57:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

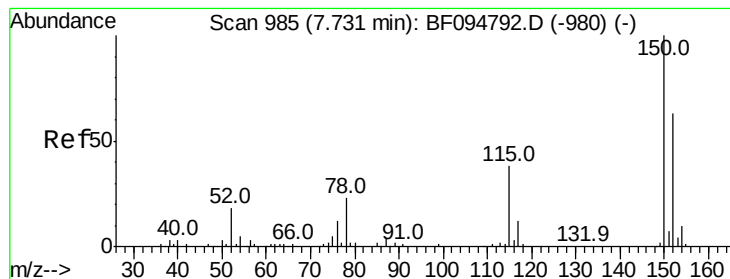
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	91929	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	367528	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	164216	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	248529	20.00	ng	0.00
75) Chrysene-d12	18.68	240	194803	20.00	ng	0.00
86) Perylene-d12	20.35	264	153117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	647265	117.39	ng	0.00
7) Phenol-d6	7.29	99	774057	117.00	ng	0.00
23) Nitrobenzene-d5	8.64	82	422821	72.55	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	123912	92.14	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	842786	73.87	ng	0.00
78) Terphenyl-d14	17.32	244	519198	58.70	ng	0.00
Target Compounds						
10) Phenol	7.32	94	14084	2.02	ng	# 33
19) n-Nitroso-di-n-propylamine	8.64	70	48420	10.82	ng	# 77
49) Dimethylphthalate	12.24	163	112935	8.38	ng	99
76) Benzidine	17.00	184	389	6.65	ng	# 1

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

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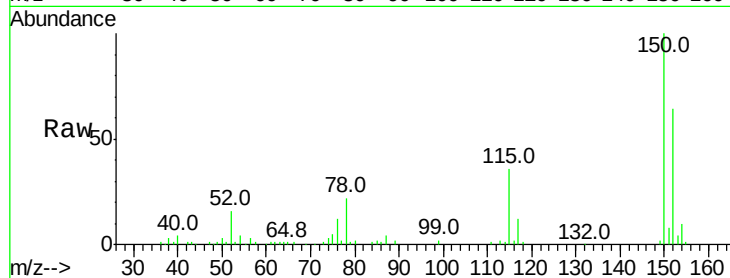




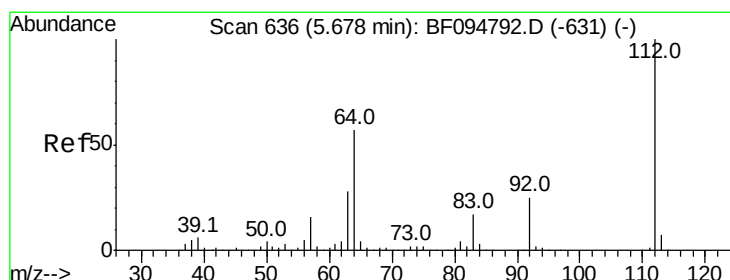
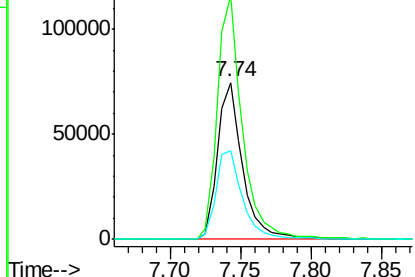
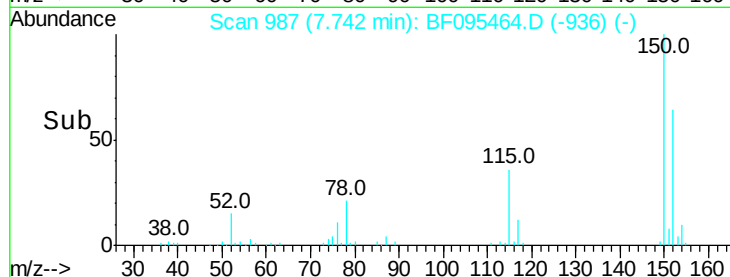
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095464.D
Acq: 26 May 2017 16:54

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	56.4	52.2	78.2



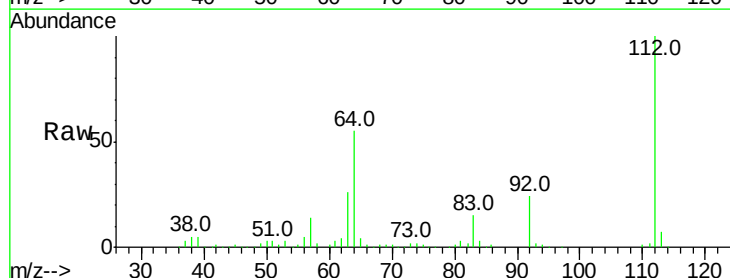
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



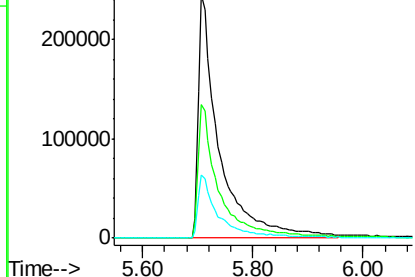
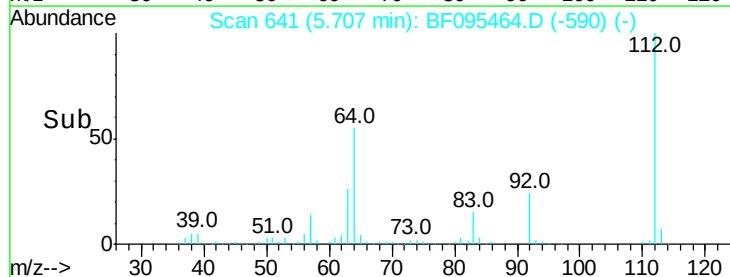
#5

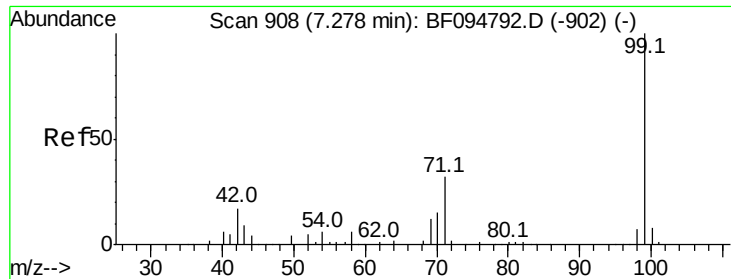
2-Fluorophenol
Concen: 117.39 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095464.D
Acq: 26 May 2017 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.0	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: 117.00 ng

RT: 7.29 min Scan# 910

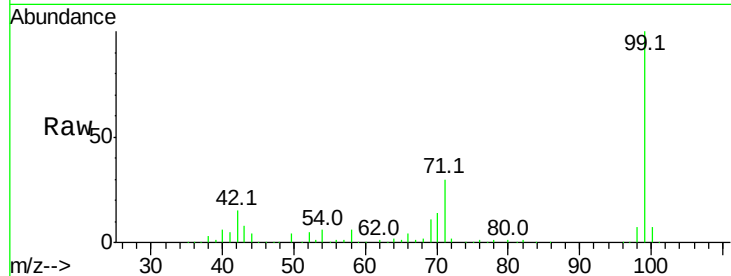
Delta R.T. -0.01 min

Lab File: BF095464.D

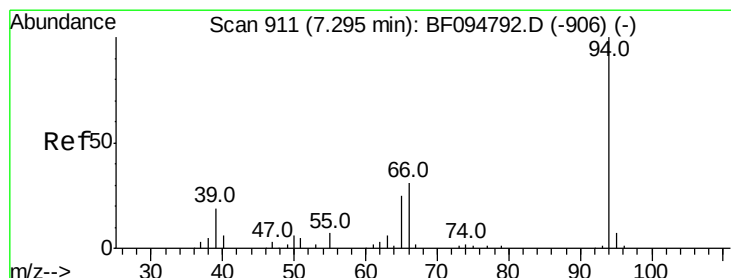
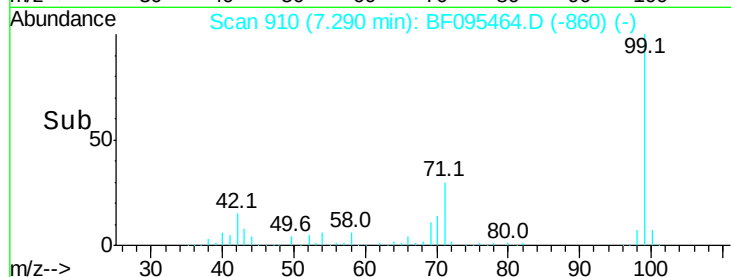
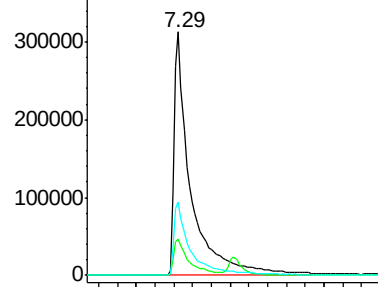
Acq: 26 May 2017 16:54

Tot Ion: 99 Resp: 774057

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	30.2	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



#10

Phenol

Concen: 2.02 ng

RT: 7.32 min Scan# 915

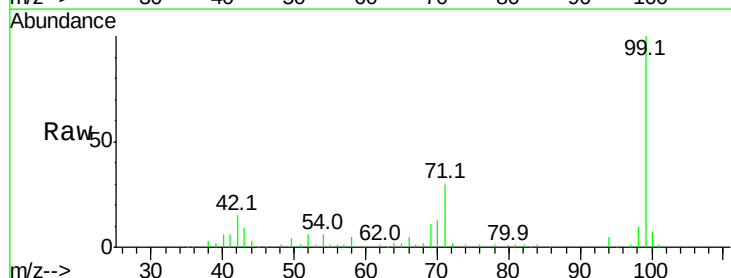
Delta R.T. 0.01 min

Lab File: BF095464.D

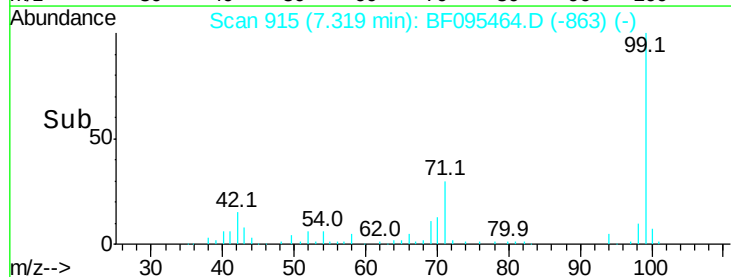
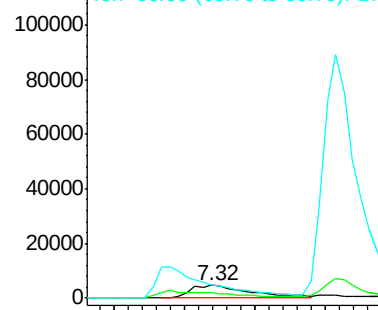
Acq: 26 May 2017 16:54

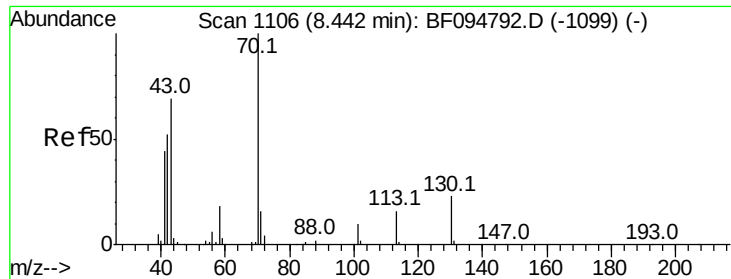
Tgt Ion: 94 Resp: 14084

Ion	Ratio	Lower	Upper
94	100		
65	44.7	9.9	49.9
66	104.2	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: 10.82 ng

RT: 8.64 min Scan# 1140

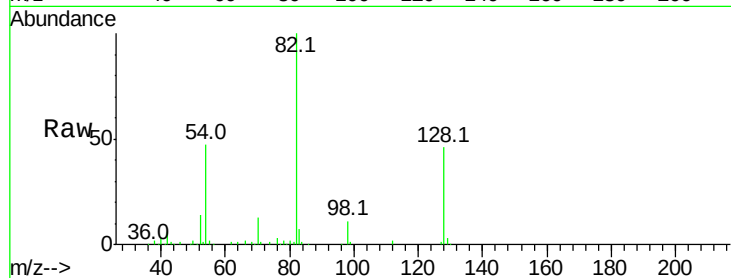
Delta R.T. 0.18 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

Tot Ion: 70 Resp: 48420

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#

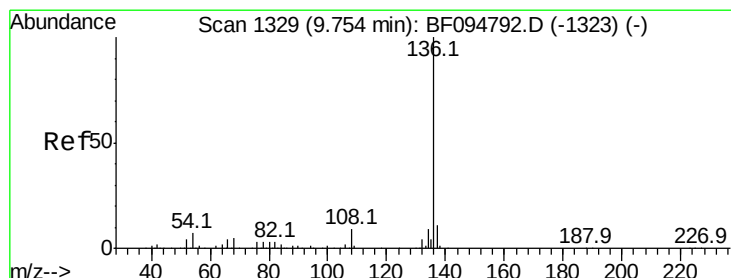
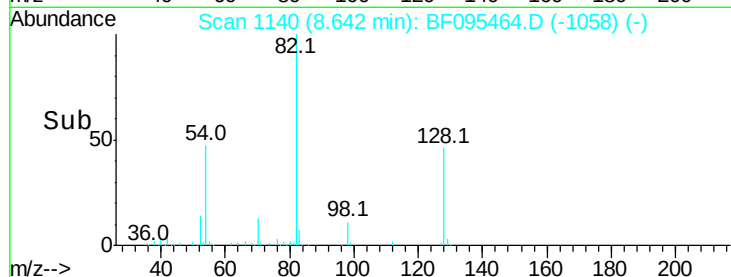
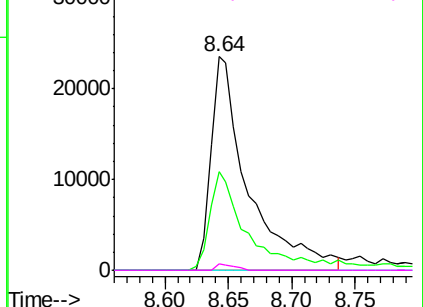


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

Tgt Ion: 136 Resp: 367528

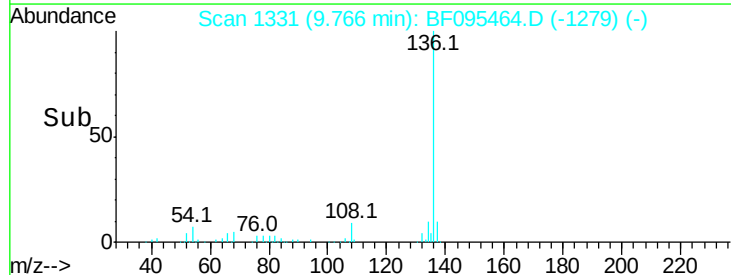
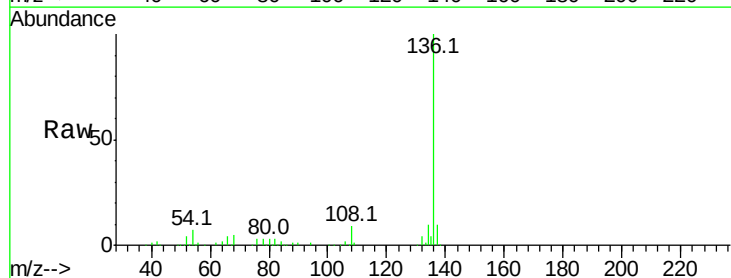
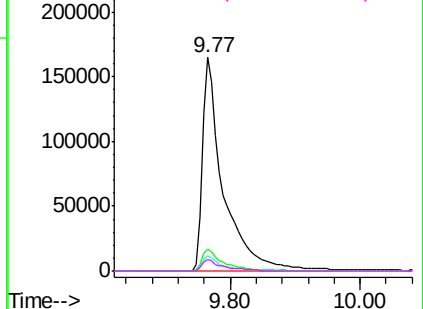
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	7.0	4.9	7.3
68	5.1	4.1	6.1

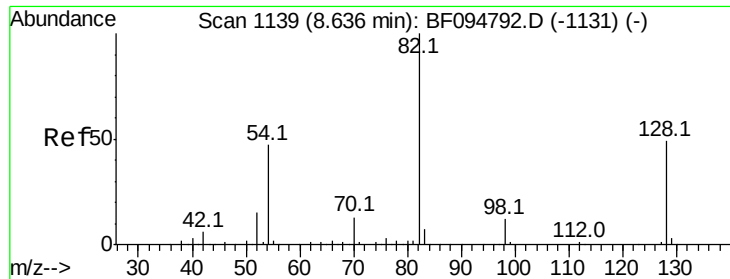
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 72.55 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

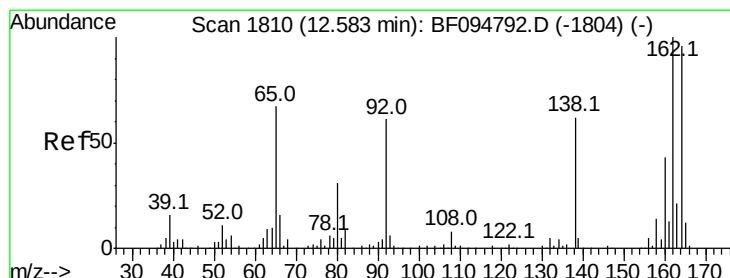
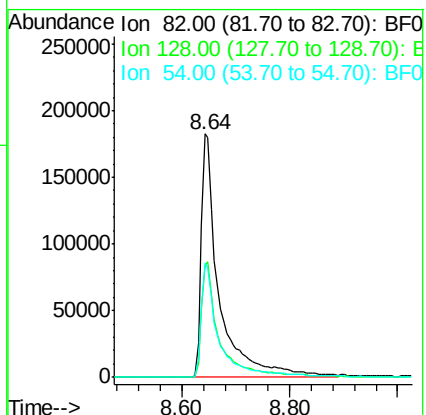
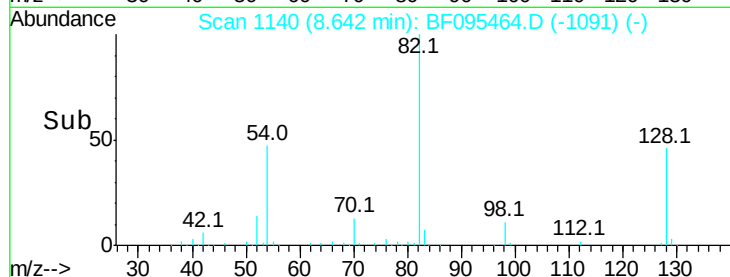
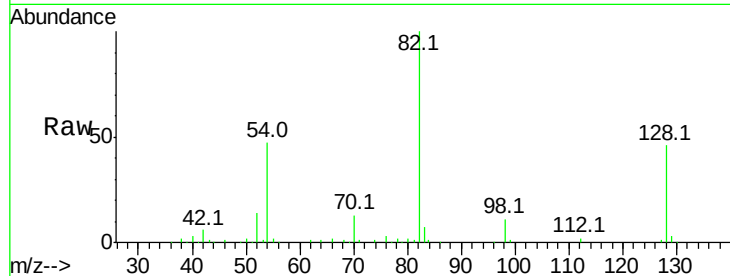
Tot Ion: 82 Resp: 422821

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

54 46.8 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

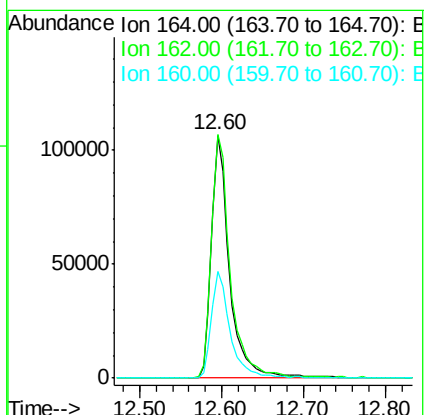
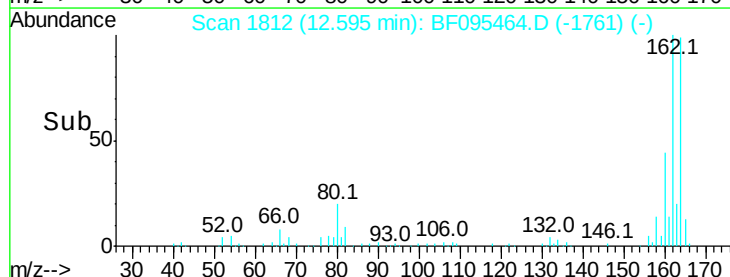
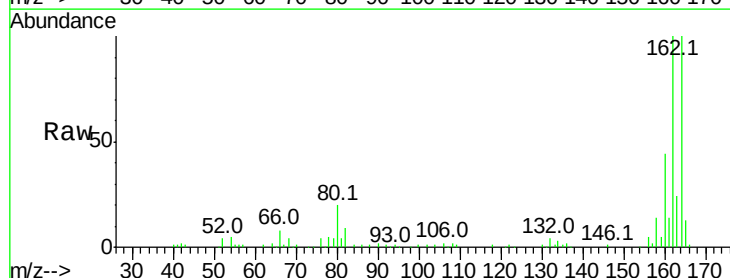
Tgt Ion: 164 Resp: 164216

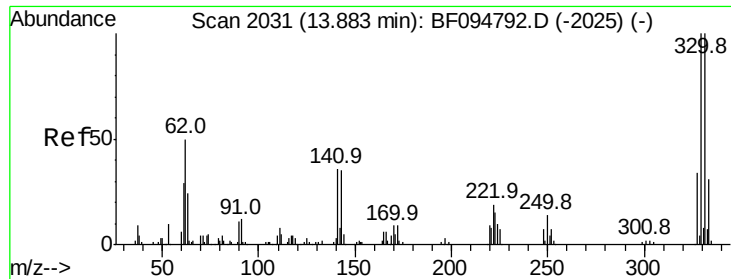
Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

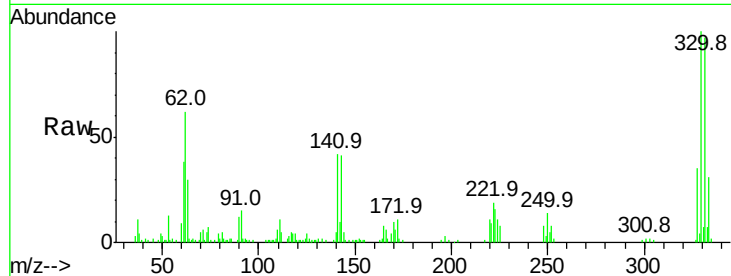
160 43.9 36.2 54.2



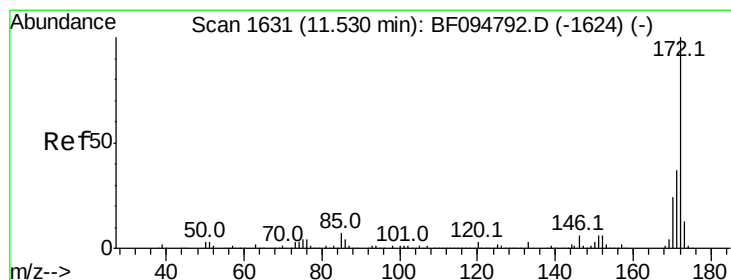
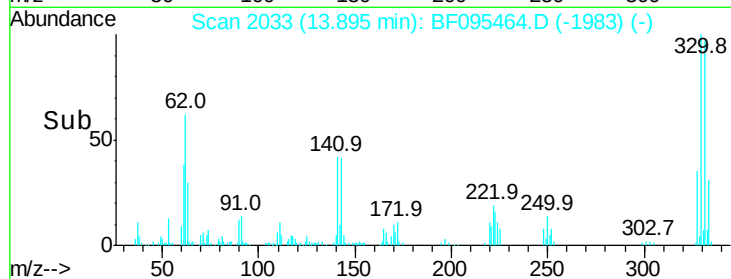
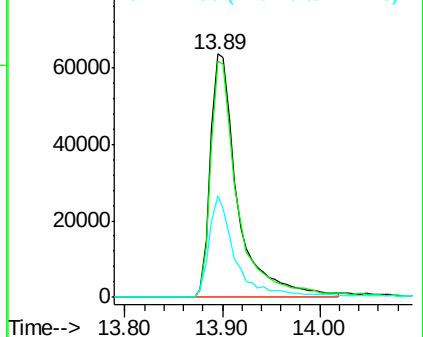


#41
 2,4,6-Tribromophenol
 Concen: 92.14 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095464.D
 Acq: 26 May 2017 16:54

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.4	31.4	47.2

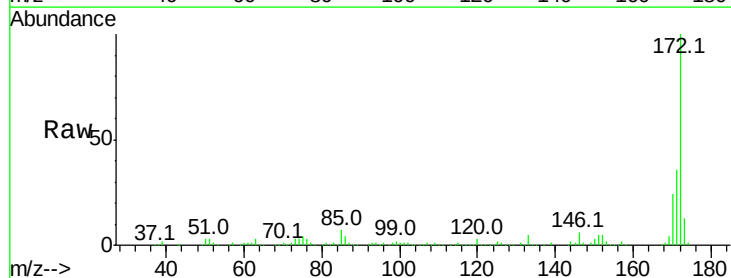


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

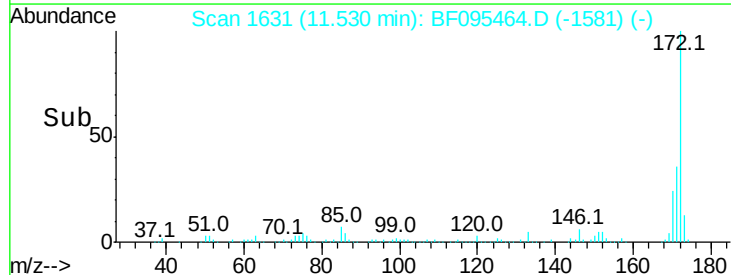
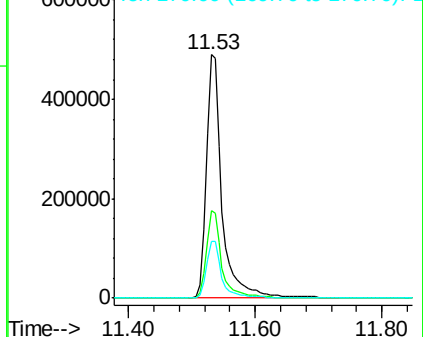


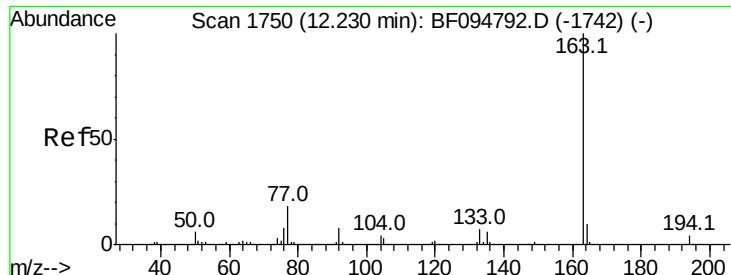
#44
 2-Fluorobiphenyl
 Concen: 73.87 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095464.D
 Acq: 26 May 2017 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	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: 8.38 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

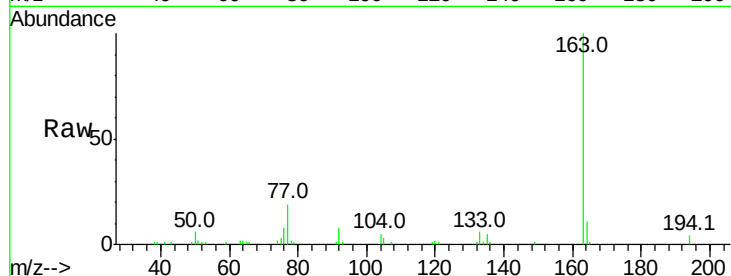
Tot Ion:163 Resp: 112935

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

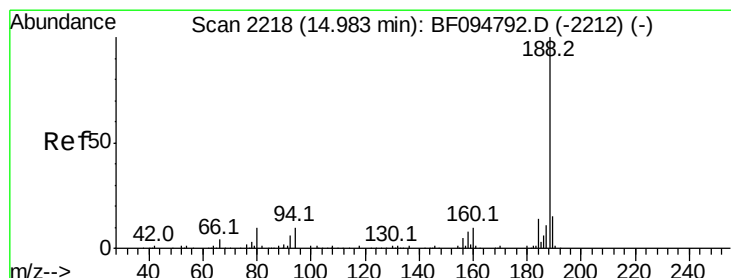
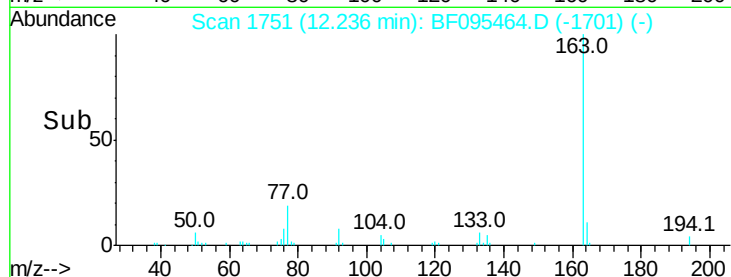
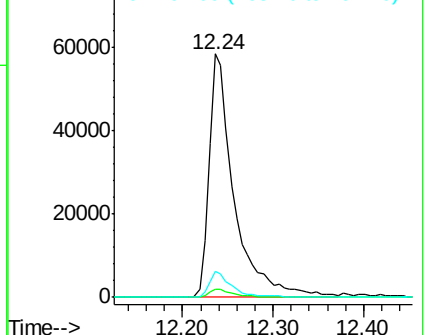
164 10.8 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

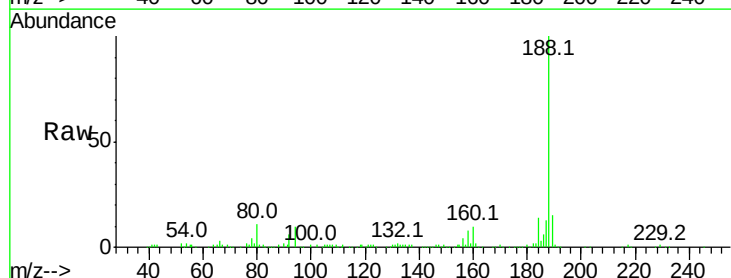
Tgt Ion:188 Resp: 248529

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

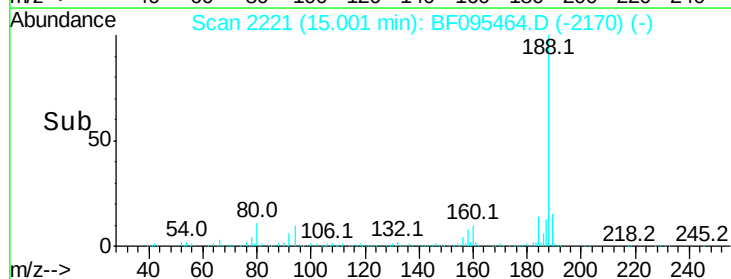
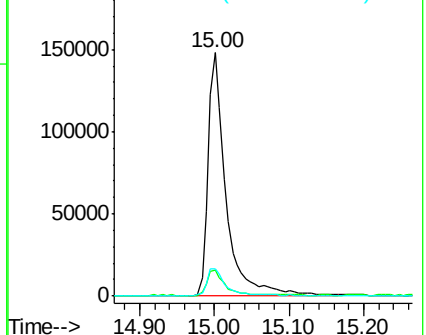
80 11.4 10.2 15.2

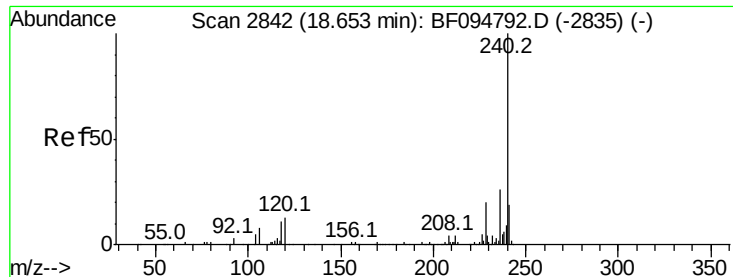


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2846

Delta R.T. 0.00 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

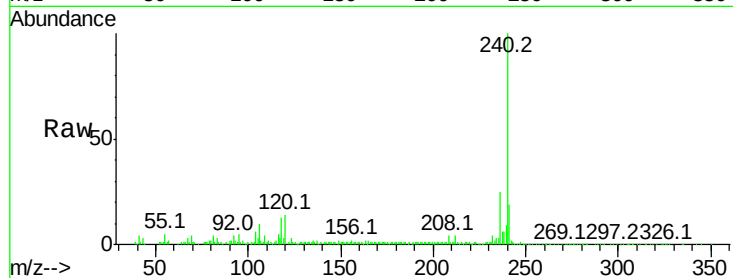
Tot Ion:240 Resp: 194803

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

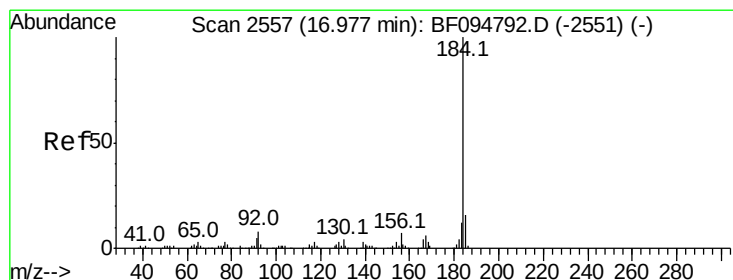
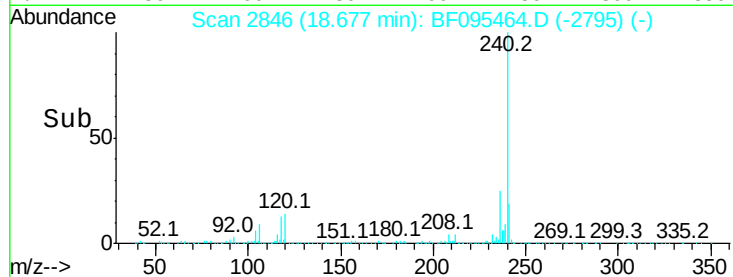
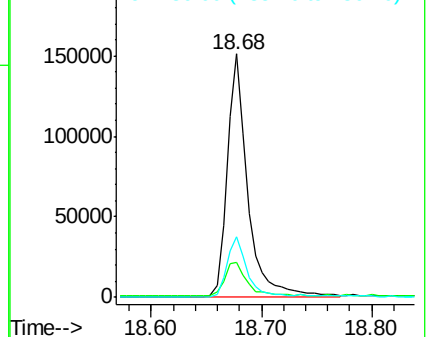
236 24.8 20.5 30.7



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



#76

Benzidine

Concen: 6.65 ng

RT: 17.00 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF095464.D

Acq: 26 May 2017 16:54

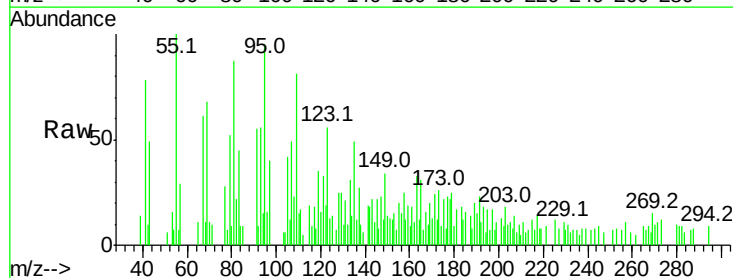
Tgt Ion:184 Resp: 389

Ion Ratio Lower Upper

184 100

185 132.7 15.5 23.3#

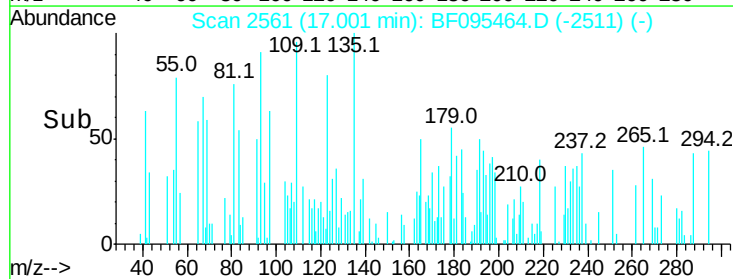
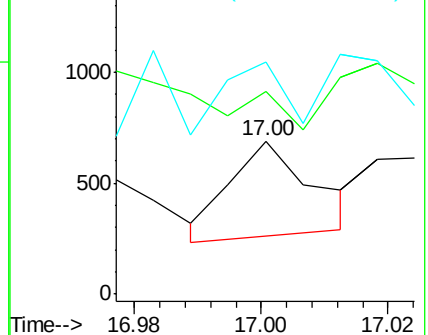
183 151.8 9.8 14.6#

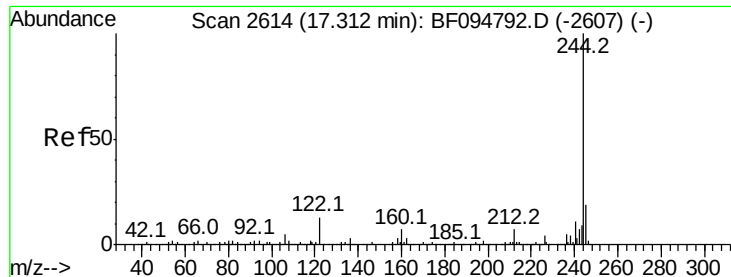


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

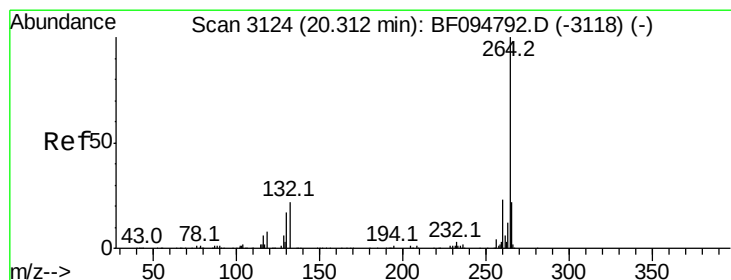
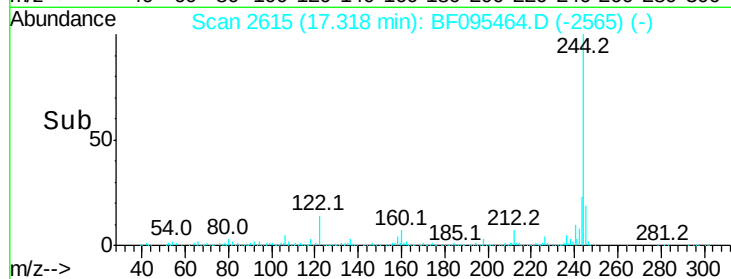
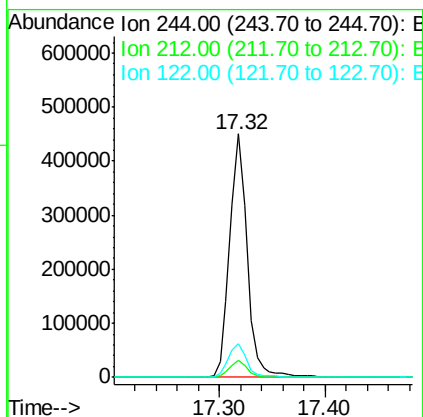
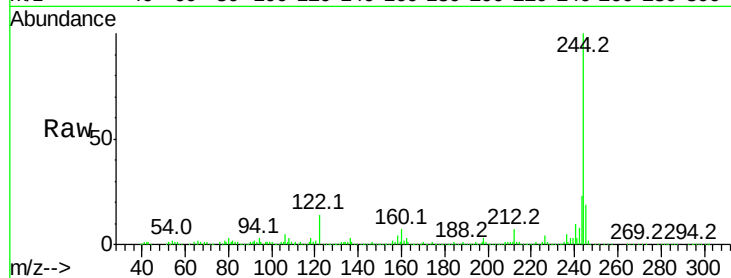
Ion 183.00 (182.70 to 183.70): E





#78
 Terphenyl-d14
 Concen: 58.70 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095464.D
 Acq: 26 May 2017 16:54

Tot Ion:244	Resp: 519198
Ion Ratio	Lower Upper
244 100	
212 6.9	6.0 9.0
122 13.9	10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095464.D
 Acq: 26 May 2017 16:54

Tgt	Ion:264	Resp:	153117
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8

