

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
 Data File : BE094165.D
 Acq On : 3 Oct 2017 21:40
 Operator : SJ/JU
 Sample : I5496-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 06:53:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 13:57:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1606	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8209	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5468	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17699	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14680	0.40	ng	0.00
34) Perylene-d12	23.91	264	13717	0.40	ng	0.00

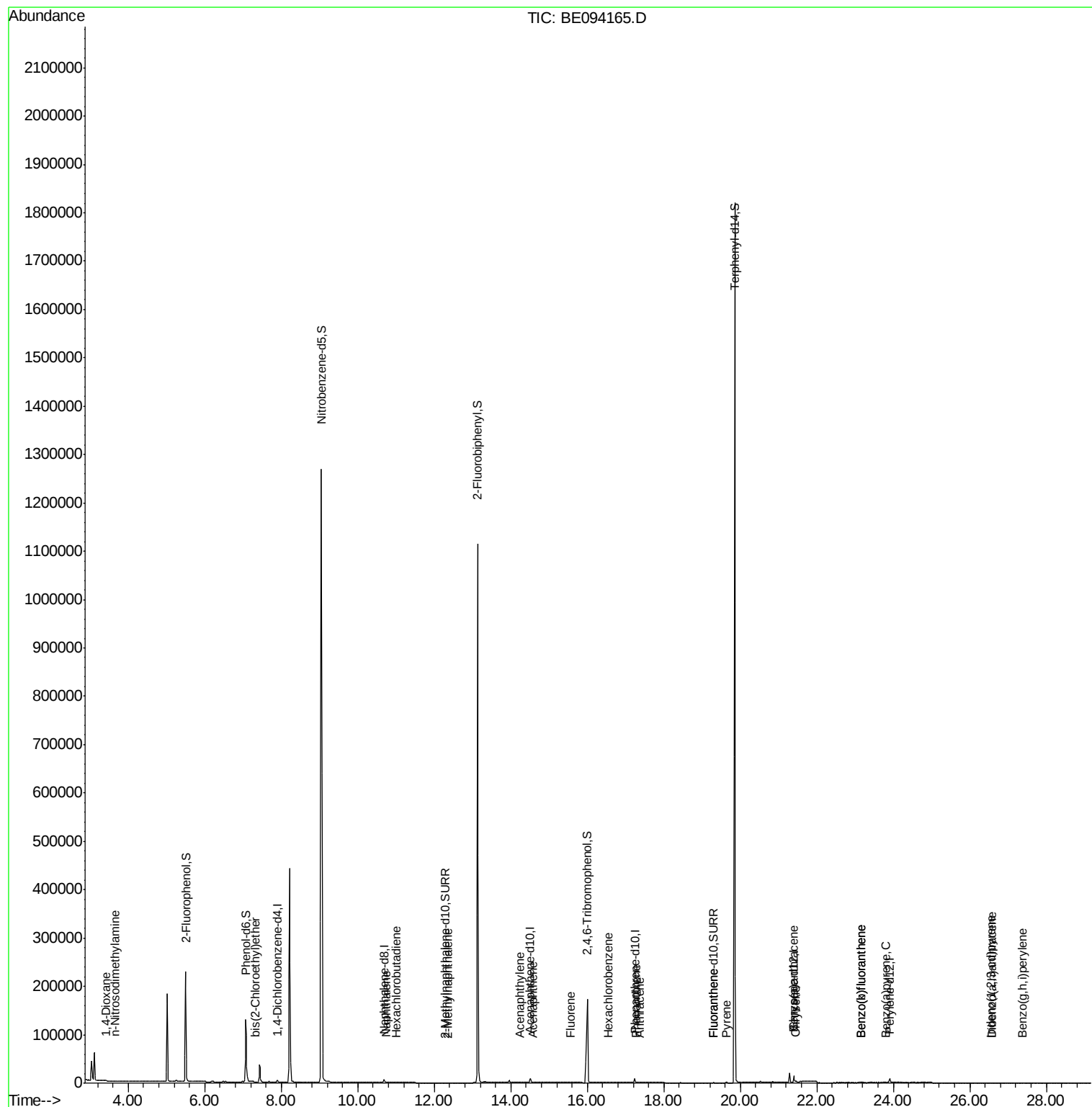
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	123162	20.23	ng	0.00
5) Phenol-d6	7.07	99	129453	15.31	ng	-0.01
8) Nitrobenzene-d5	9.04	82	466888	58.77	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	159424	56.15	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	998049	55.24	ng	0.00
25) Fluoranthene-d10	19.30	212	340	0.00	ng	0.03
29) Terphenyl-d14	19.85	244	1573678	58.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	372	0.119	ng	# 50
3) n-Nitrosodimethylamine	3.66	42	236	0.059	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	14	0.002	ng	# 1
9) Naphthalene	10.74	128	346	0.004	ng	# 66
10) Hexachlorobutadiene	11.01	225	5	0.001	ng	# 1
12) 2-Methylnaphthalene	12.35	142	31	0.002	ng	# 55
16) Acenaphthylene	14.23	152	25	0.001	ng	# 61
17) Acenaphthene	14.57	154	57	0.003	ng	# 84
18) Fluorene	15.56	166	79	0.003	ng	# 51
21) Hexachlorobenzene	16.55	284	12	0.003	ng	# 54
23) Phenanthrene	17.27	178	471	0.010	ng	# 76
24) Anthracene	17.37	178	68	0.001	ng	# 62
26) Fluoranthene	19.30	202	179	0.004	ng	# 67
28) Pyrene	19.65	202	176	0.004	ng	# 66
30) Benzo(a)anthracene	21.39	228	133	0.003	ng	# 1
31) Chrysene	21.44	228	61	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	24388	Below Cal		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	24	0.000	ng	# 77
35) Benzo(b)fluoranthene	23.14	252	133	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.14	252	133	0.003	ng	# 1
37) Benzo(a)pyrene	23.79	252	45	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.57	278	17	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	12	0.000	ng	# 1

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

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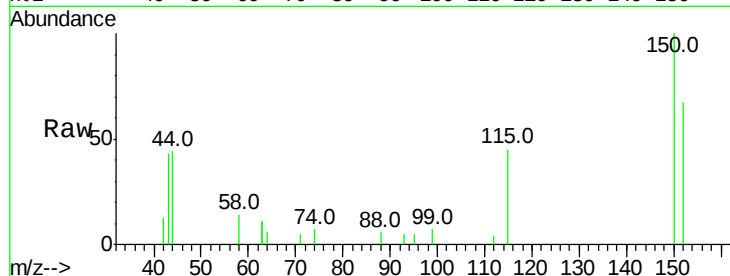




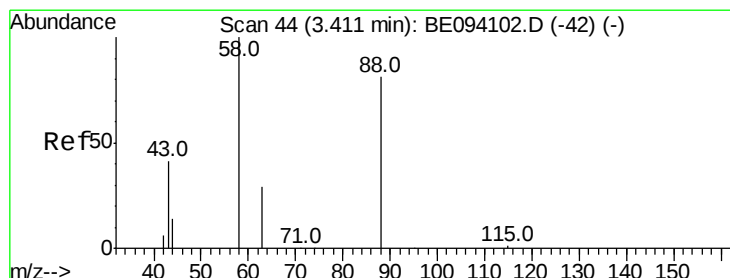
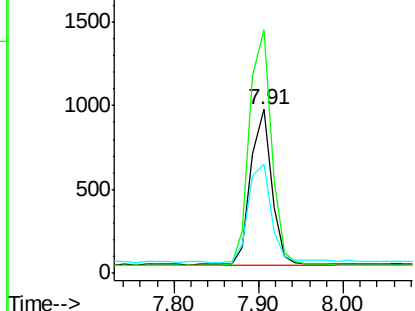
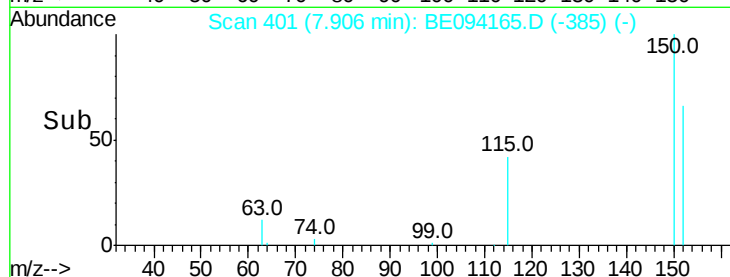
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tot Ion: 152 Resp: 1606
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 66.8 57.0 85.6



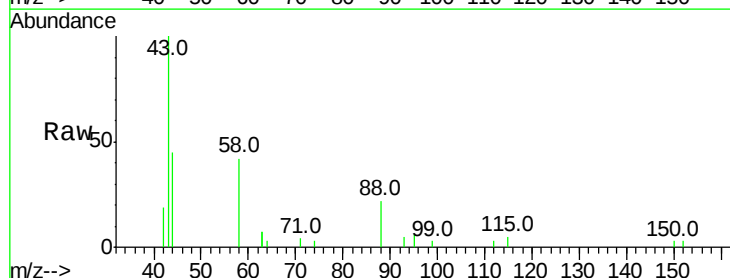
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



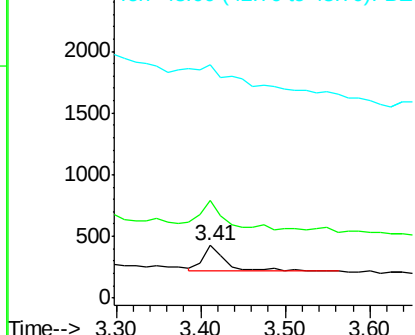
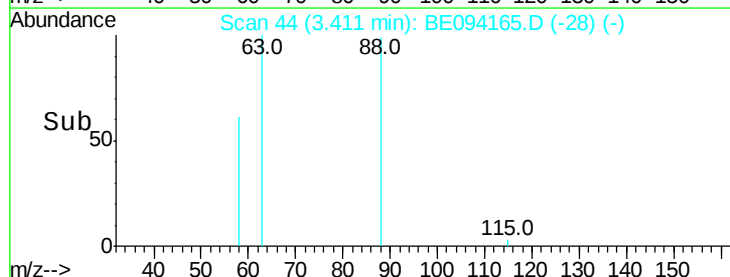
#2

1,4-Dioxane
Concen: 0.119 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion: 88 Resp: 372
Ion Ratio Lower Upper
88 100
58 109.9 63.2 94.8#
43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0

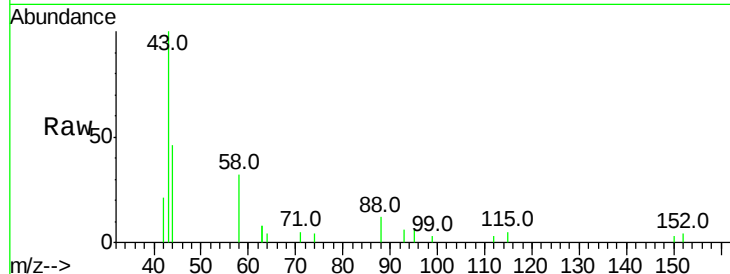




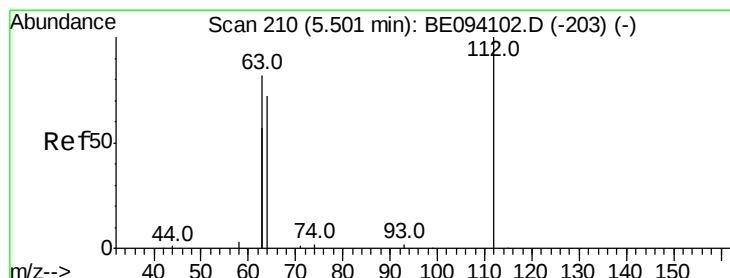
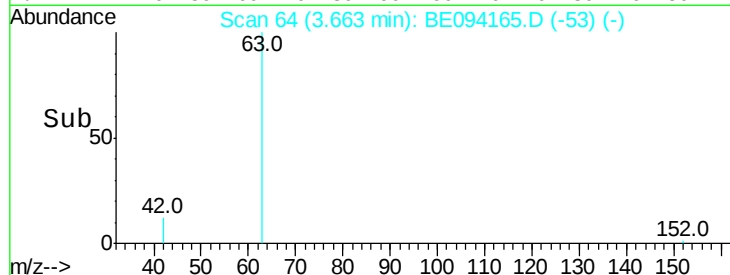
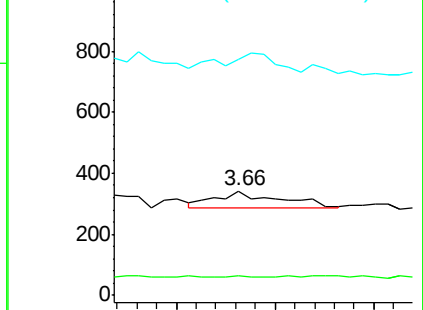
#3

n-Nitrosodimethylamine
 Concen: 0.059 ng
 RT: 3.66 min Scan# 64
 Delta R.T. -0.06 min
 Lab File: BE094165.D
 Acq: 3 Oct 2017 21:40

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.8	100.3	150.5#
44	93.6	17.0	25.4#



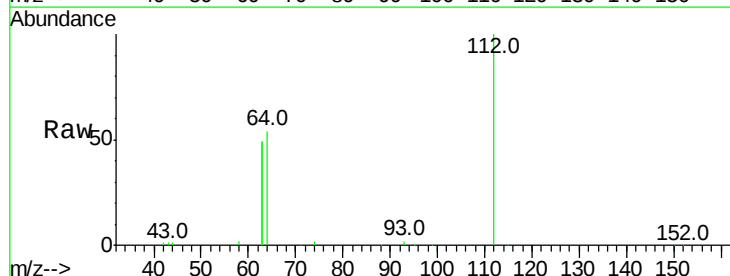
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



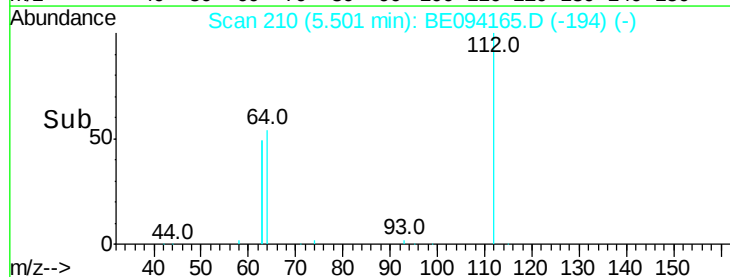
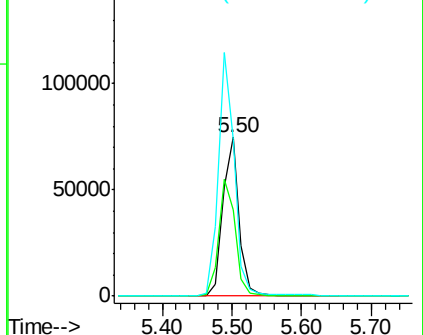
#4

2-Fluorophenol
 Concen: 20.230 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094165.D
 Acq: 3 Oct 2017 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	60.1	90.1
63	148.6	116.8	175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 15.308 ng

RT: 7.07 min Scan# 335

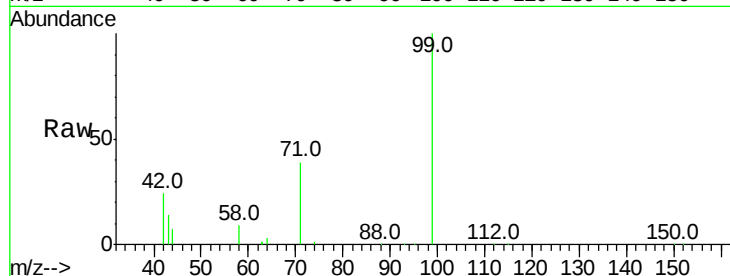
Delta R.T. -0.01 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

Tot Ion: 99 Resp: 129453

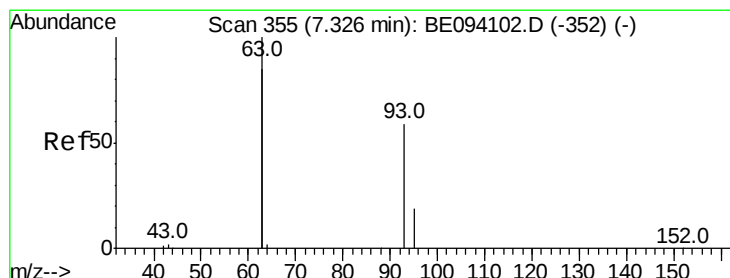
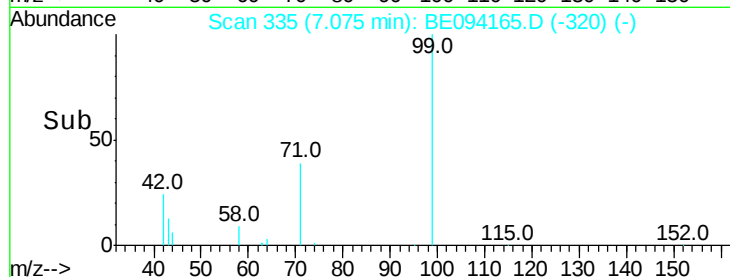
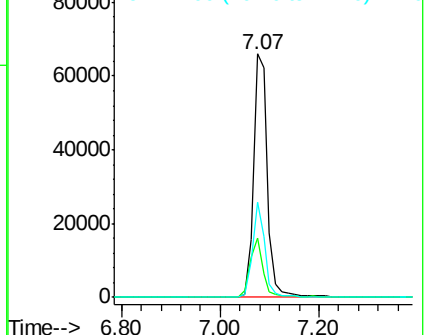
Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.2	30.2
71	34.2	28.4	42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.33 min Scan# 355

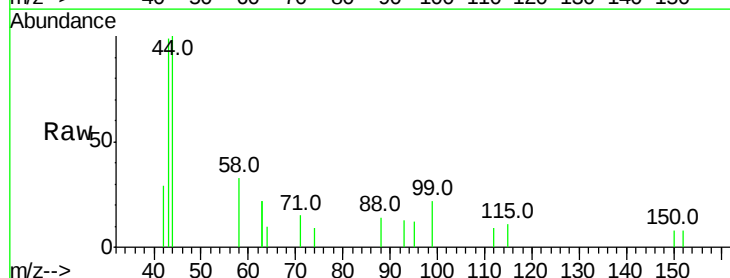
Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

Tgt Ion: 93 Resp: 14

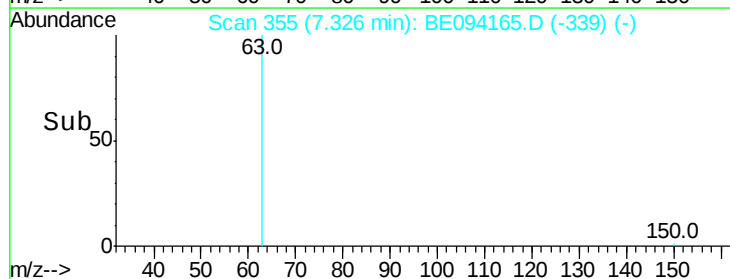
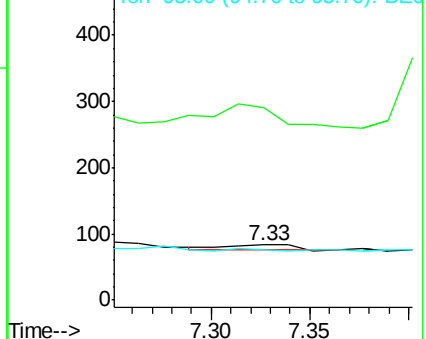
Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

Tot Ion: 136 Resp: 8209

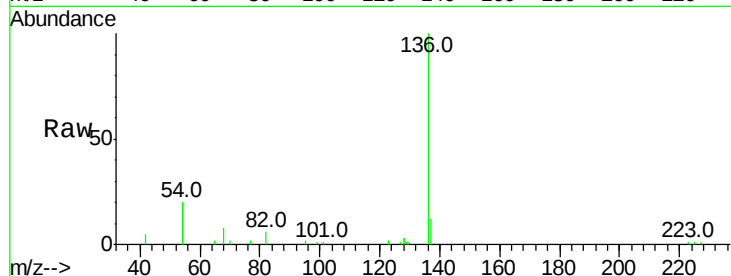
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.1 29.1 43.7

68 7.7 6.2 9.2

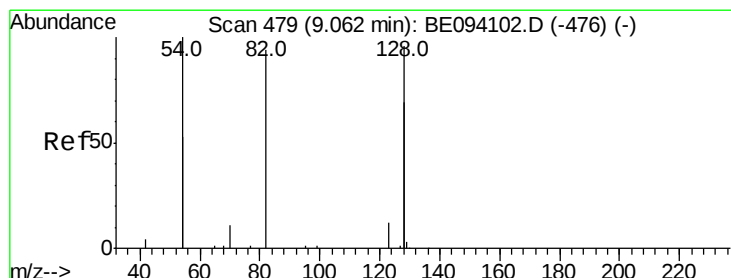
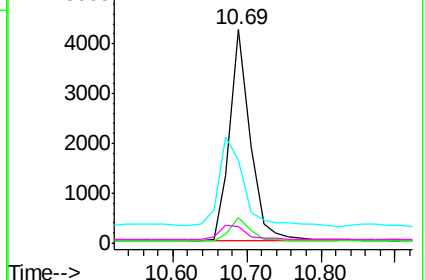
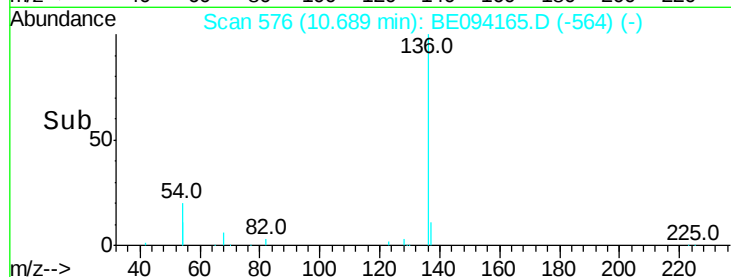


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 58.773 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

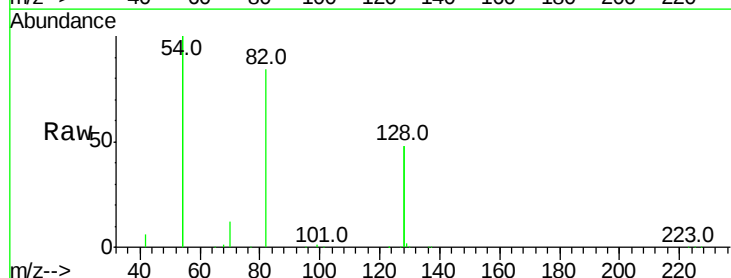
Tgt Ion: 82 Resp: 466888

Ion Ratio Lower Upper

82 100

128 114.1 150.0 225.0#

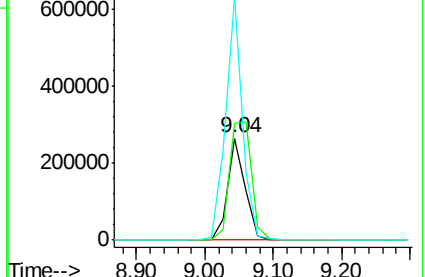
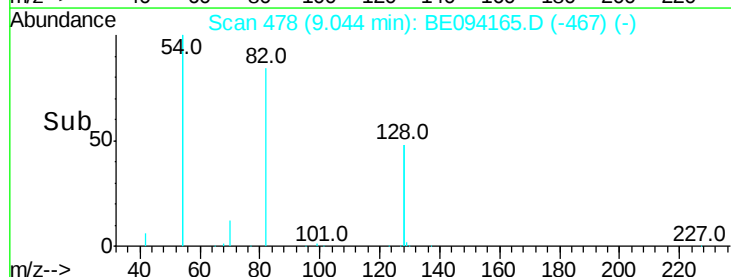
54 238.8 154.2 231.4#

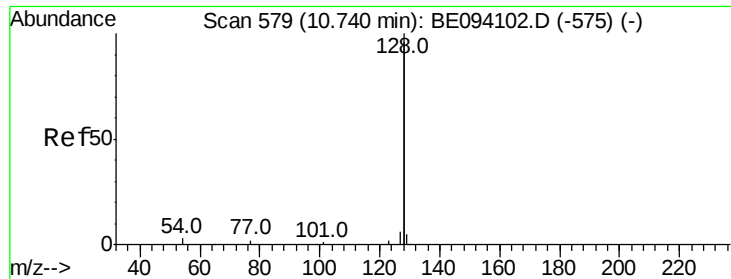


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.004 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

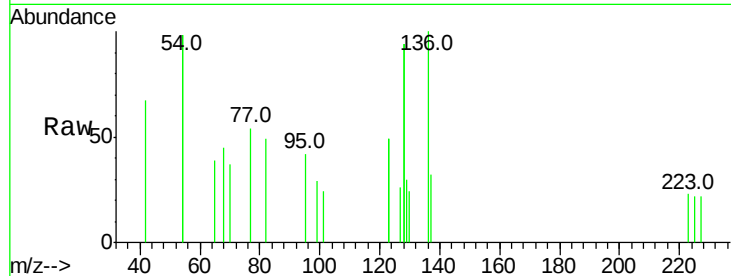
Tot Ion:128 Resp: 346

Ion Ratio Lower Upper

128 100

129 15.8 2.6 3.8#

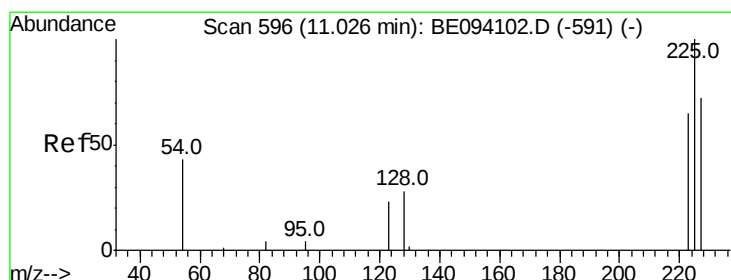
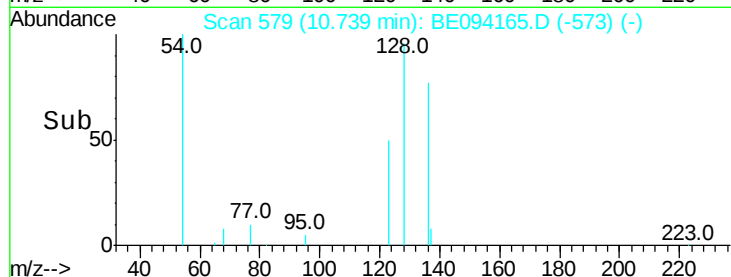
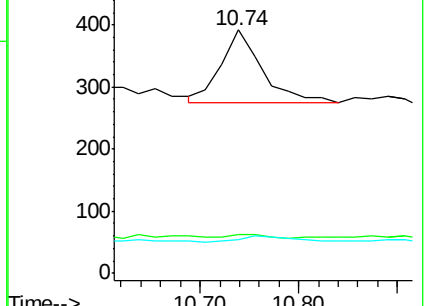
127 13.8 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

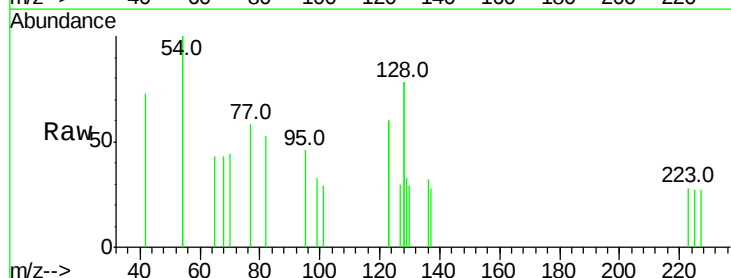
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 160.0 53.0 79.6#

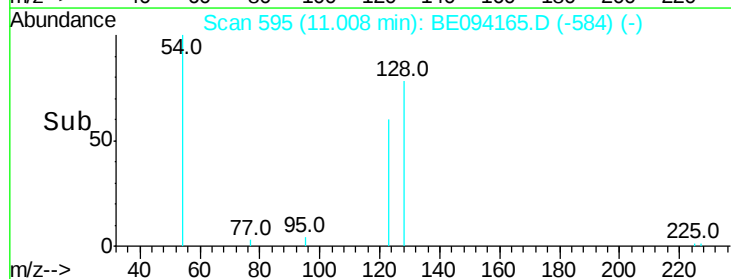
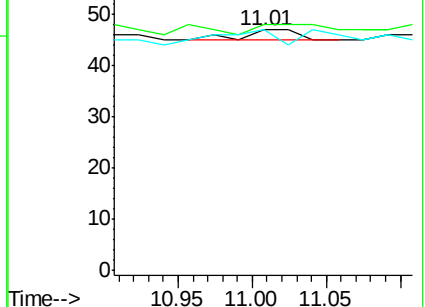
227 160.0 51.4 77.2#

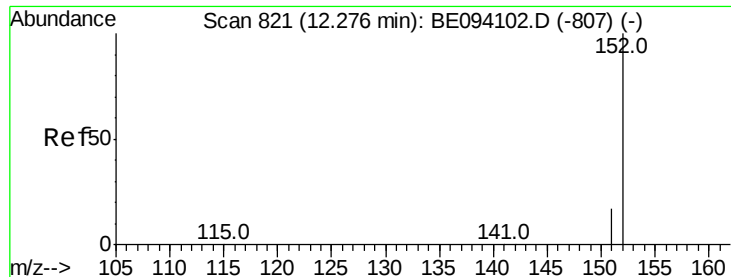


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE094165.D

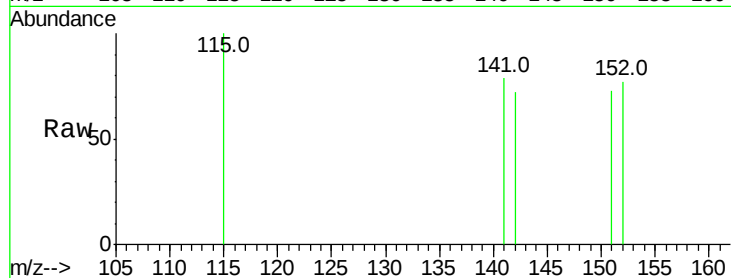
Acq: 3 Oct 2017 21:40

Tot Ion:152 Resp: 2

Ion Ratio Lower Upper

152 100

151 100.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

60

50

40

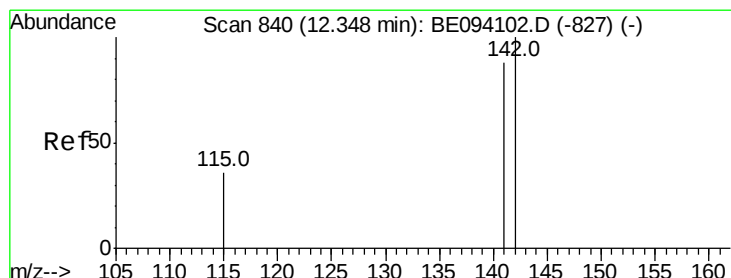
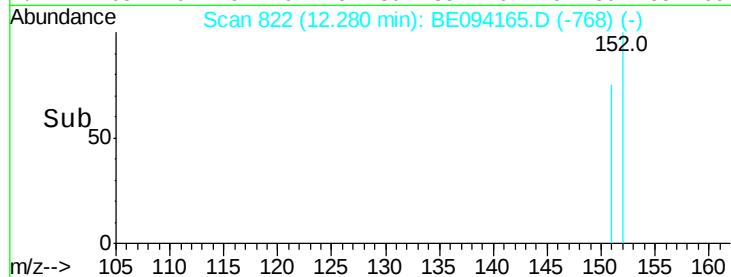
30

20

10

0

Time--> 12.27 12.28 12.29



#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

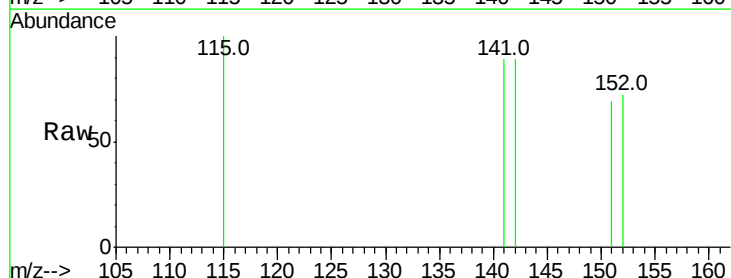
Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

142 100

141 100.0 70.4 105.6

115 112.1 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.35

100

80

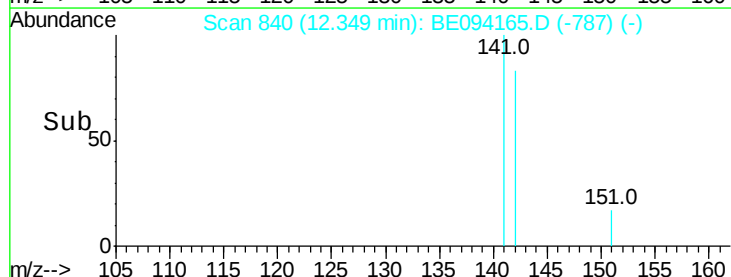
60

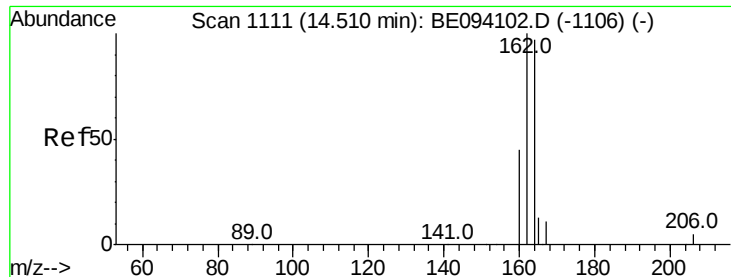
40

20

0

Time--> 12.30 12.35 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

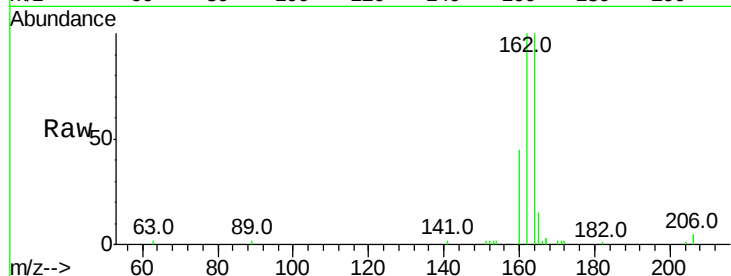
Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

Tot Ion:164 Resp: 5468

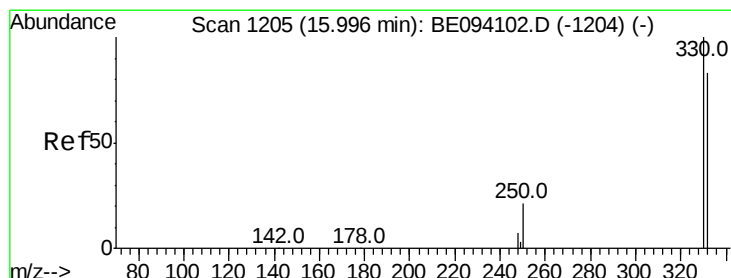
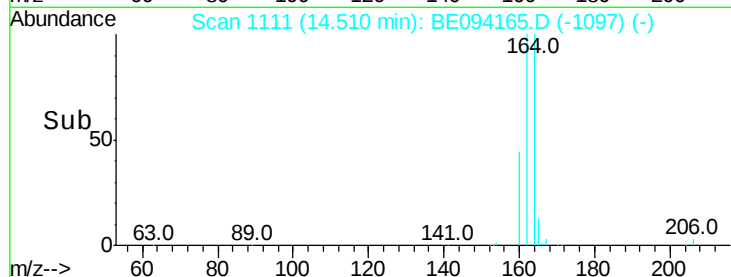
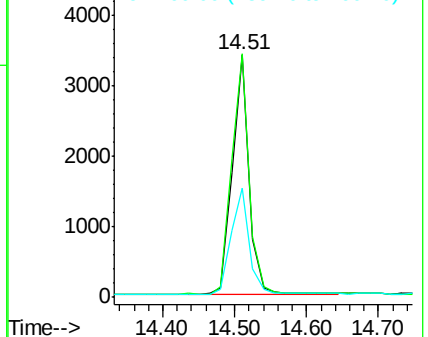
Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.1	124.7
160	45.2	37.1	55.7



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



#14

2,4,6-Tribromophenol

Concen: 56.154 ng

RT: 16.00 min Scan# 1205

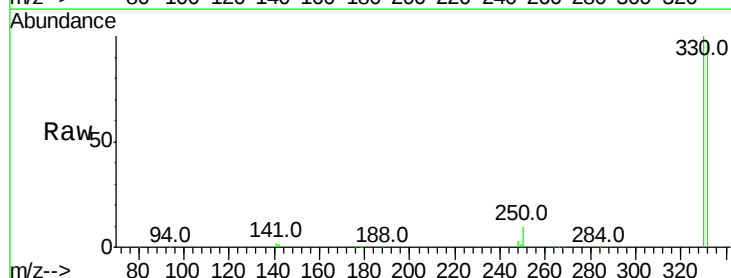
Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

Tgt Ion:330 Resp: 159424

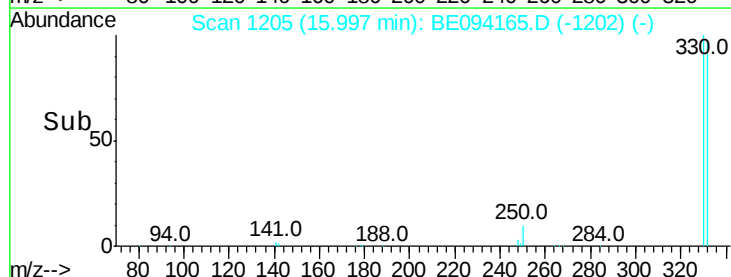
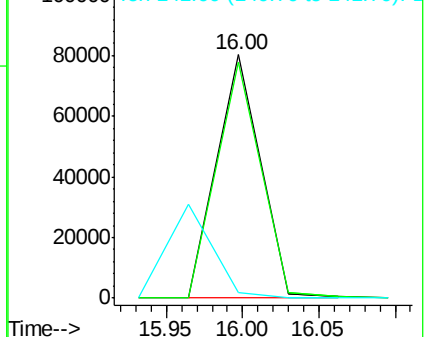
Ion	Ratio	Lower	Upper
330	100		
332	97.8	152.7	229.1#
141	0.0	33.7	50.5#

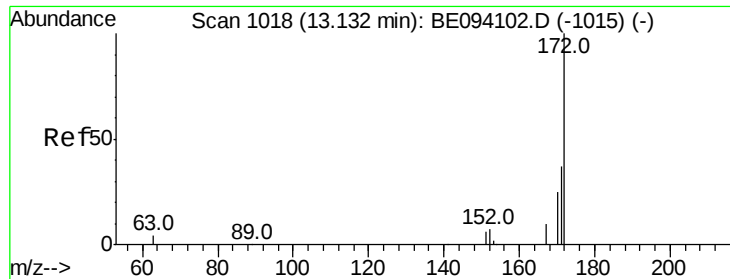


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

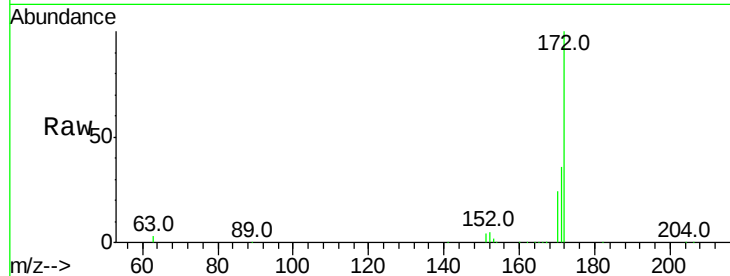
Ion 141.00 (140.70 to 141.70): E



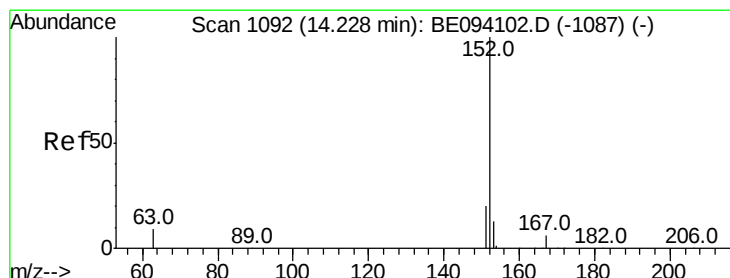
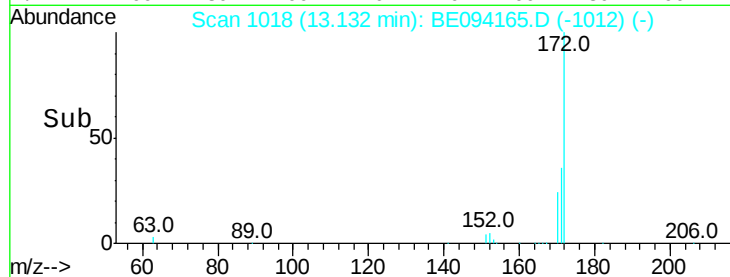
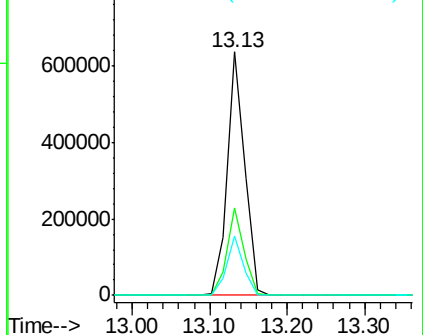


#15
2-Fluorobiphenyl
Concen: 55.241 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.3	21.8	32.8

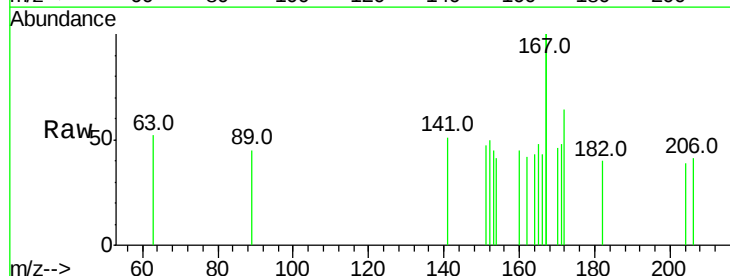


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

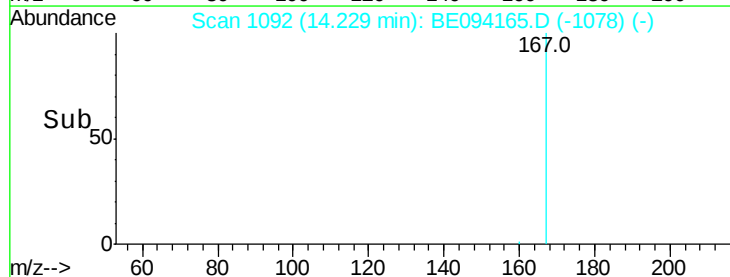
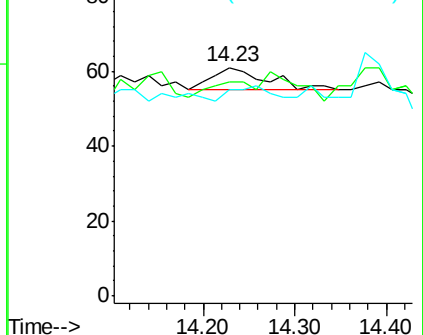


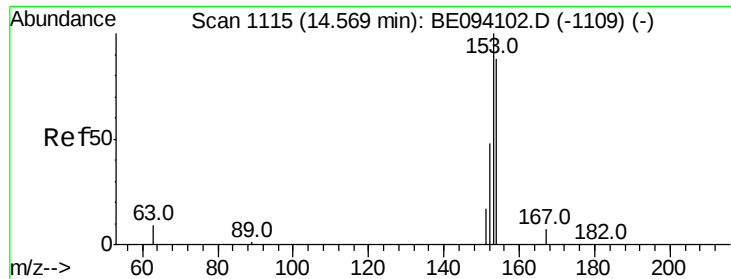
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.5	15.7#



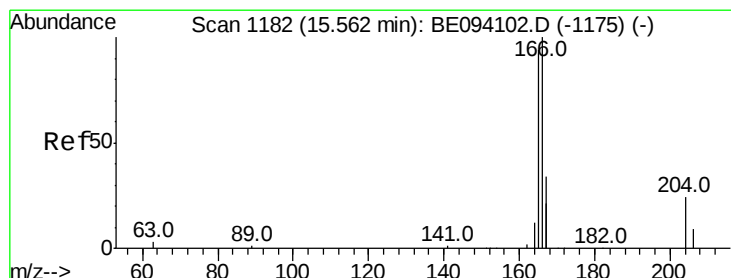
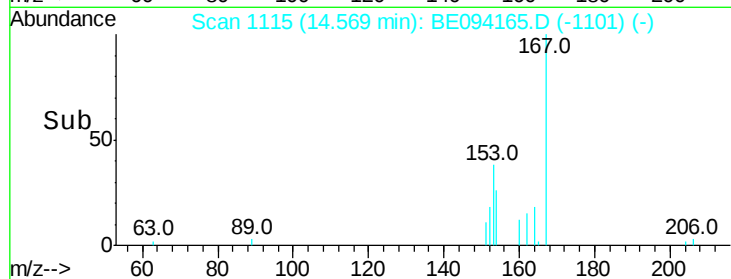
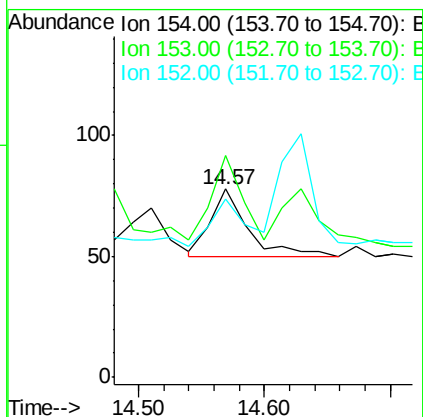
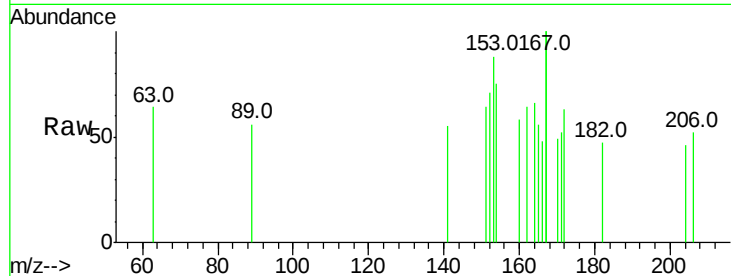
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





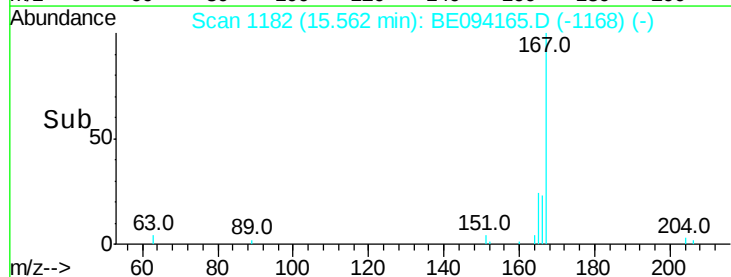
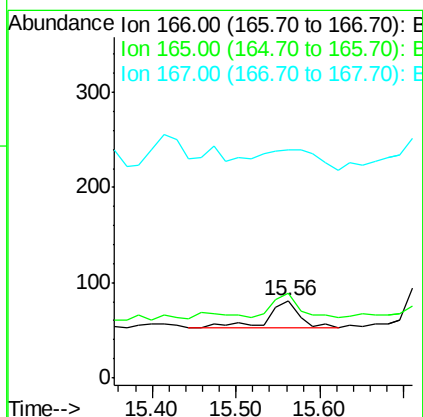
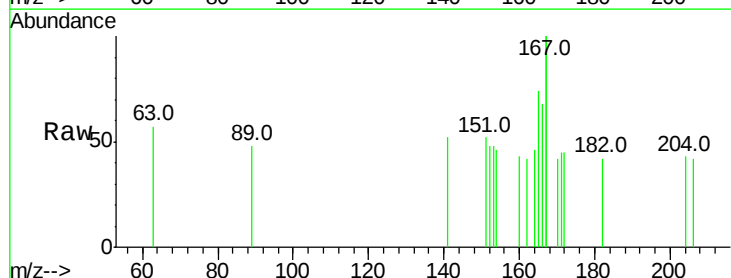
#17
Acenaphthene
Concen: 0.003 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

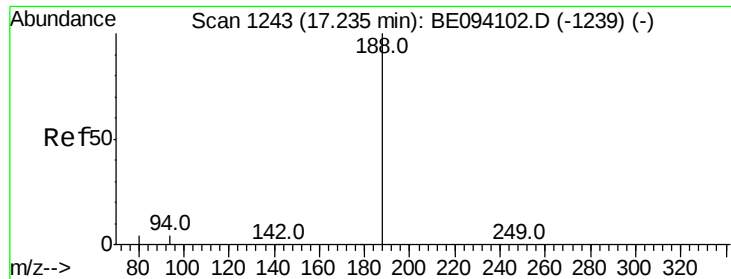
Tot Ion:154 Resp: 57
Ion Ratio Lower Upper
154 100
153 126.3 89.2 133.8
152 66.7 42.0 63.0#



#18
Fluorene
Concen: 0.003 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

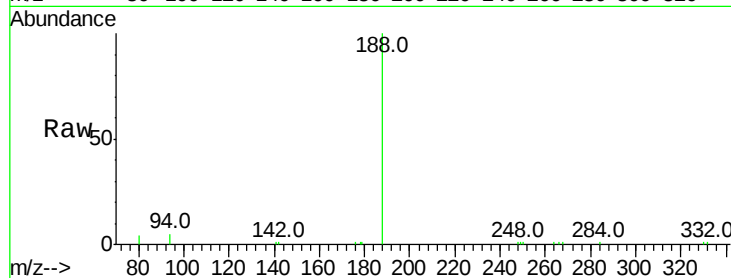
Tgt Ion:166 Resp: 79
Ion Ratio Lower Upper
166 100
165 74.7 77.8 116.6#
167 121.5 42.4 63.6#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

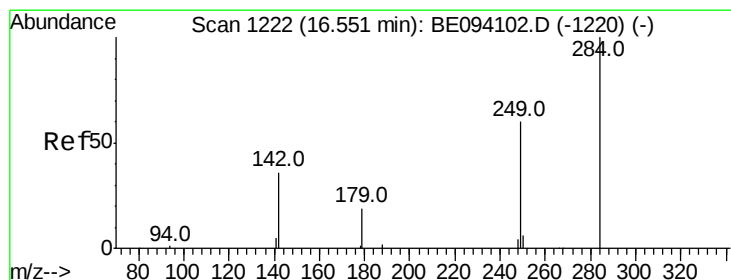
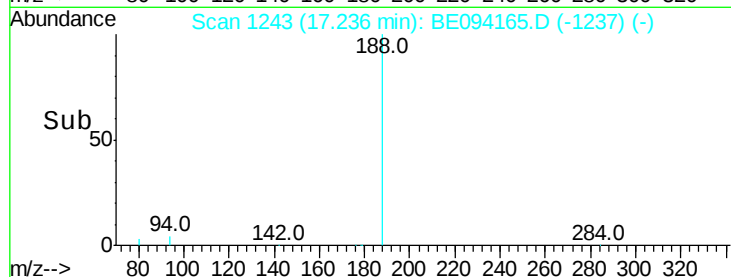
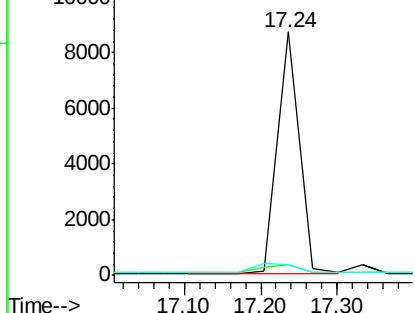
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.9	5.9
80	4.4	3.6	5.4



Abundance Ion 188.00 (187.70 to 188.70): E

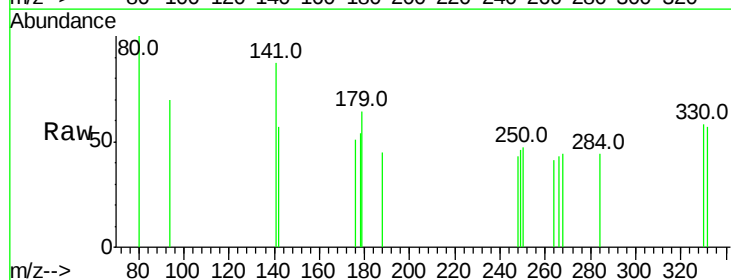
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

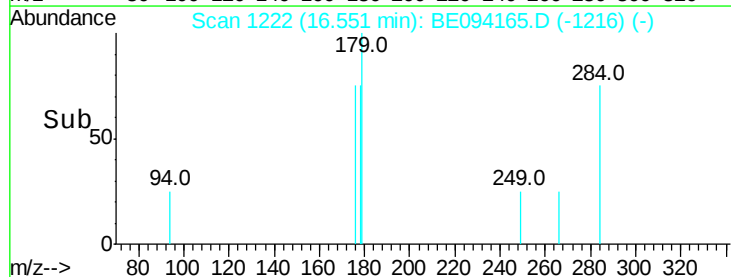
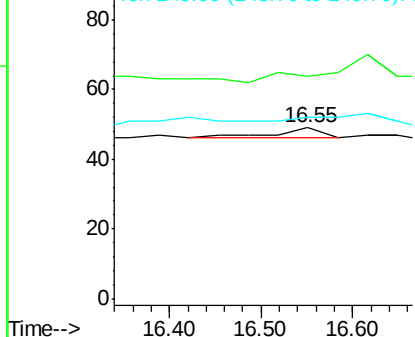
Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	16.7	34.8	52.2#

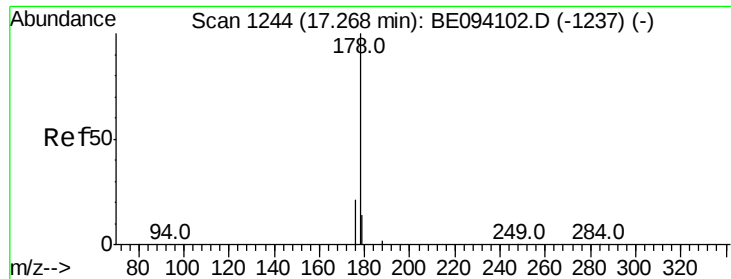


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Phenanthrene

Concen: 0.010 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

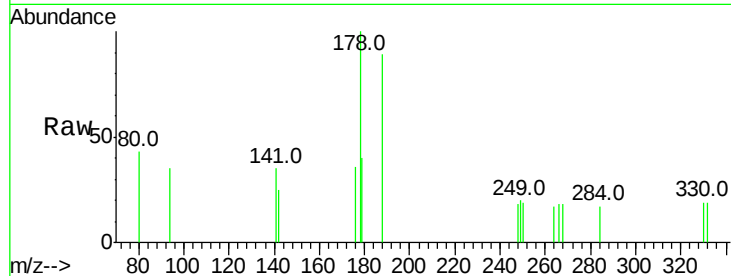
Tot Ion:178 Resp: 471

Ion Ratio Lower Upper

178 100

176 22.1 15.1 22.7

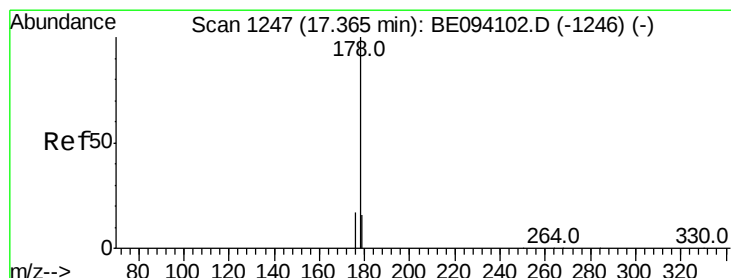
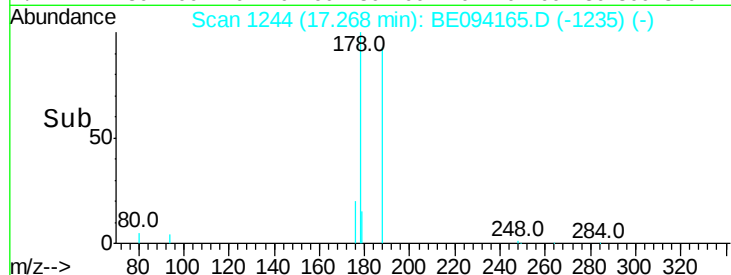
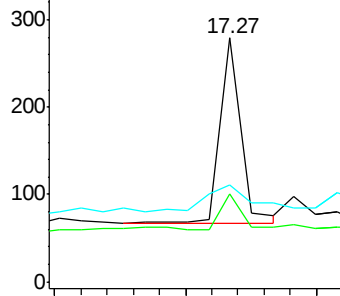
179 33.5 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

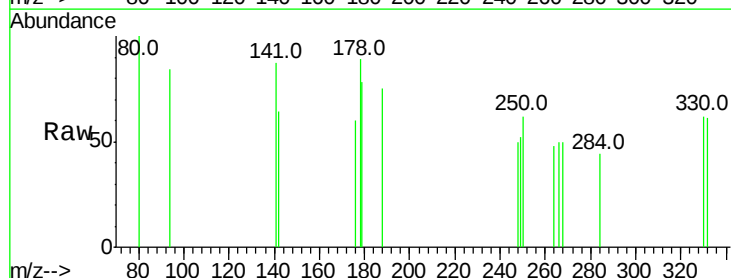
Tgt Ion:178 Resp: 68

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

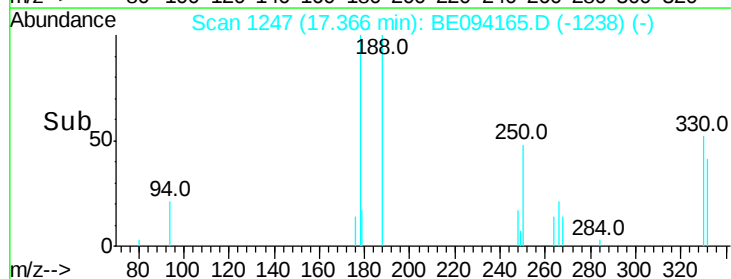
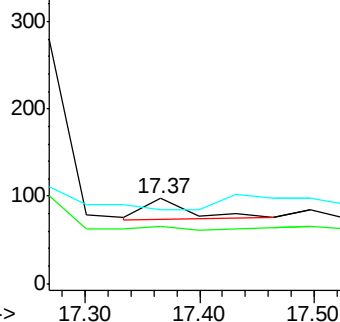
179 0.0 13.0 19.6#

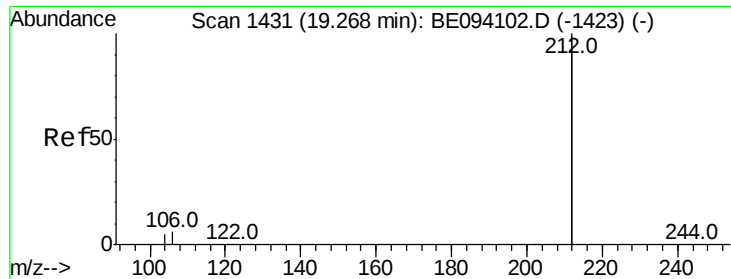


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.03 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

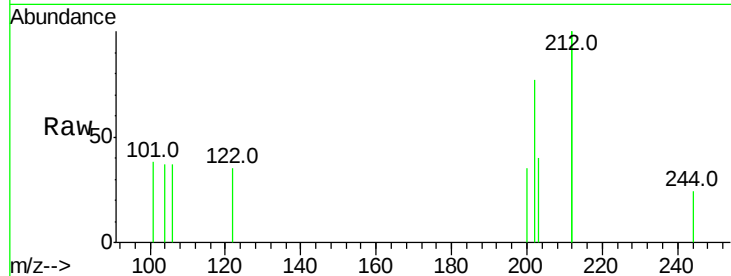
Tot Ion:212 Resp: 340

Ion Ratio Lower Upper

212 100

106 2.6 2.8 4.2#

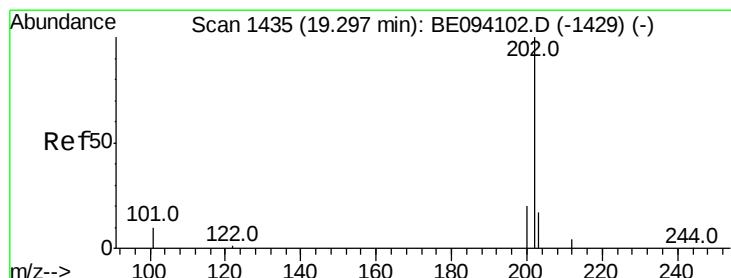
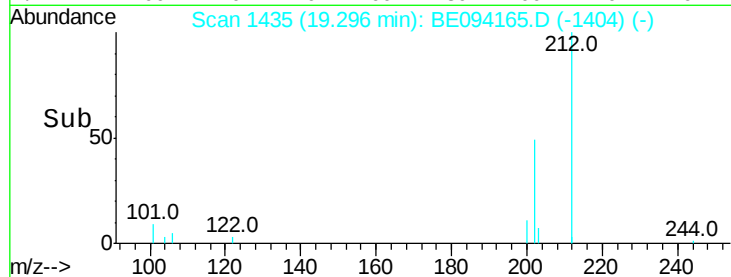
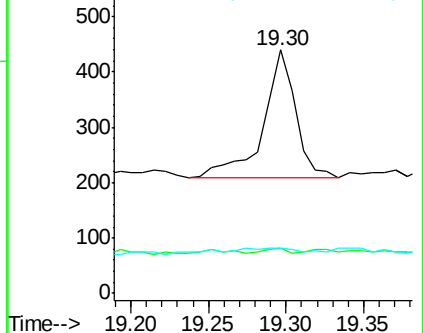
104 10.6 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.004 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

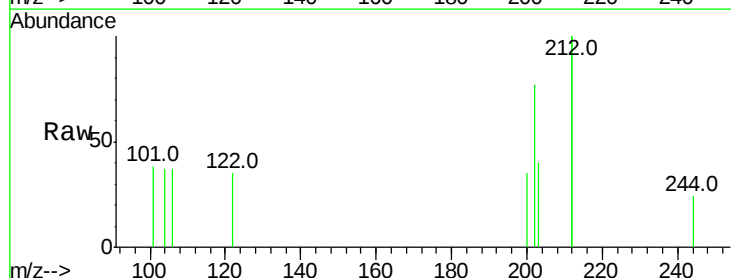
Tgt Ion:202 Resp: 179

Ion Ratio Lower Upper

202 100

101 34.6 9.8 14.8#

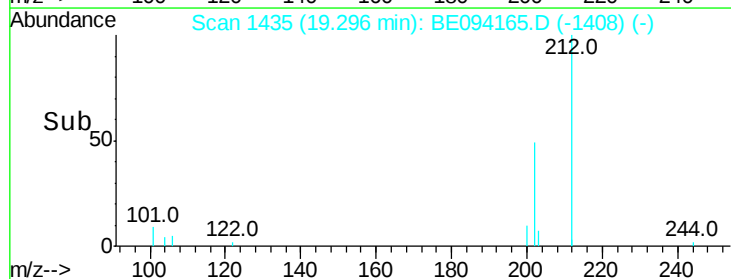
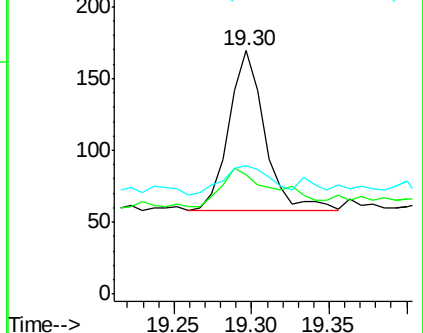
203 24.0 13.7 20.5#

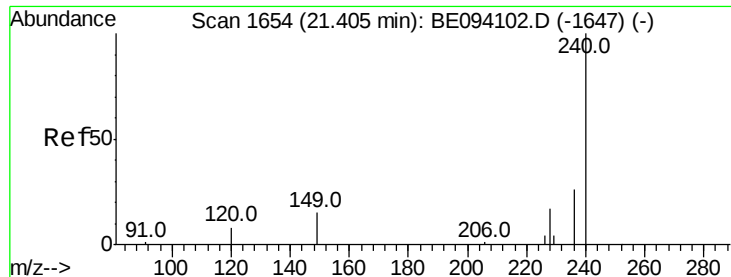


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

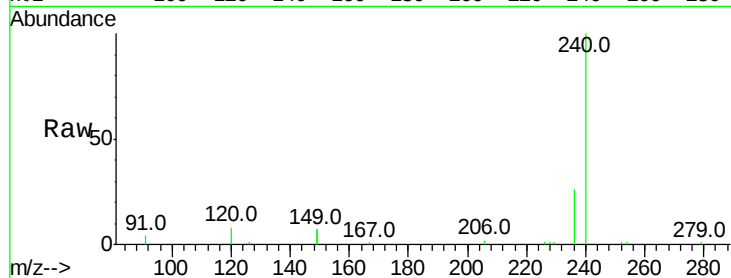
Tot Ion:240 Resp: 14680

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

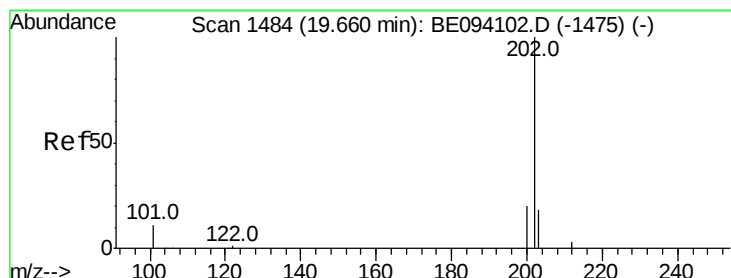
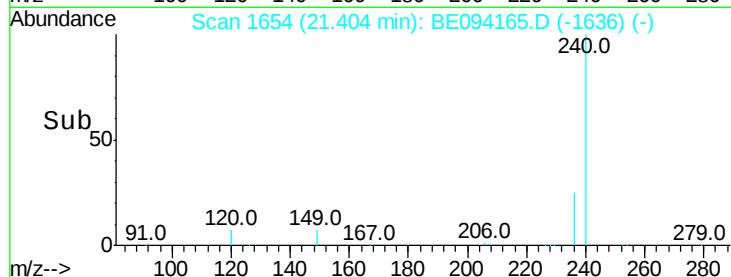
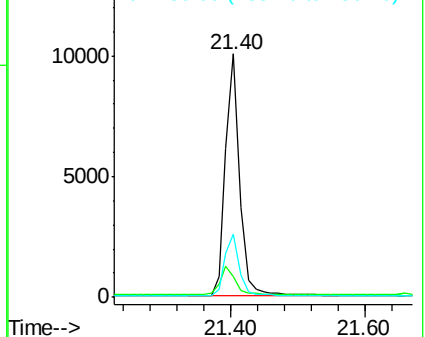
236 26.0 20.7 31.1



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



#28

Pyrene

Concen: 0.004 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

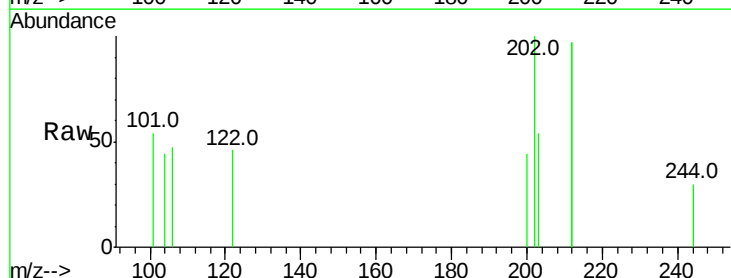
Tgt Ion:202 Resp: 176

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

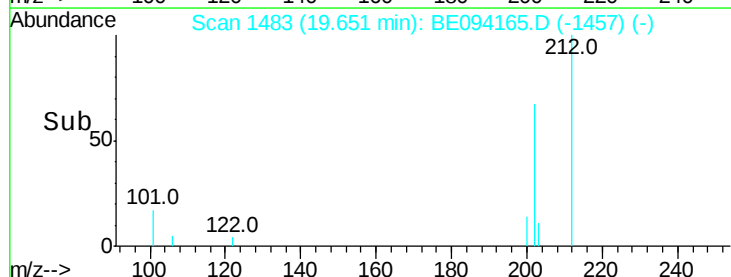
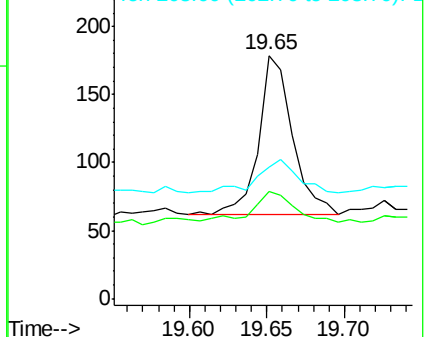
203 26.7 13.8 20.8#

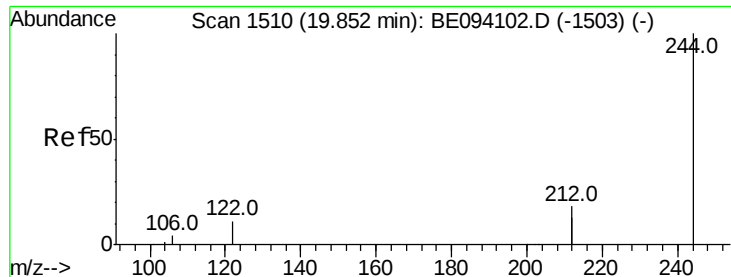


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

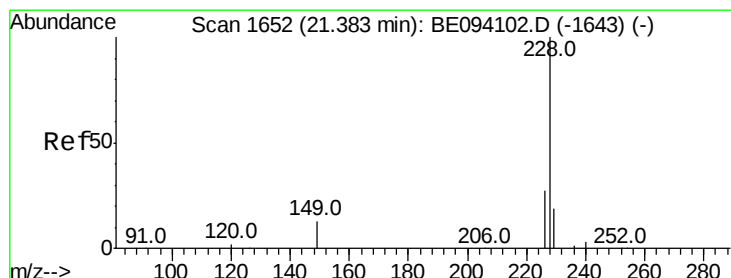
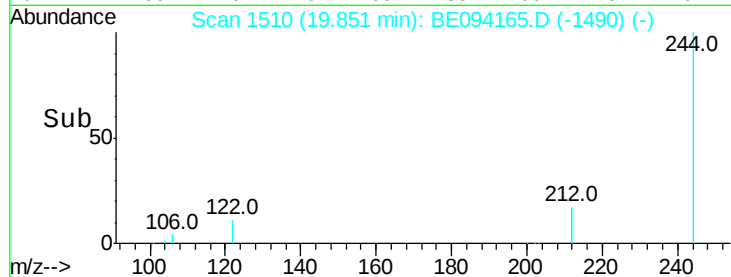
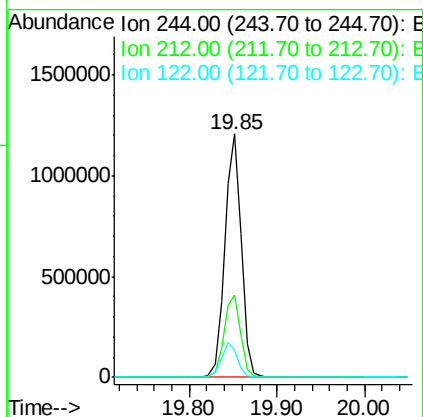
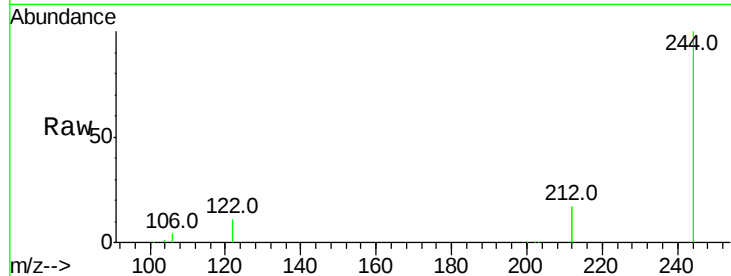




#29
 Terphenyl-d14
 Concen: 58.756 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094165.D
 Acq: 3 Oct 2017 21:40

Tot Ion:244 Resp: 1573678

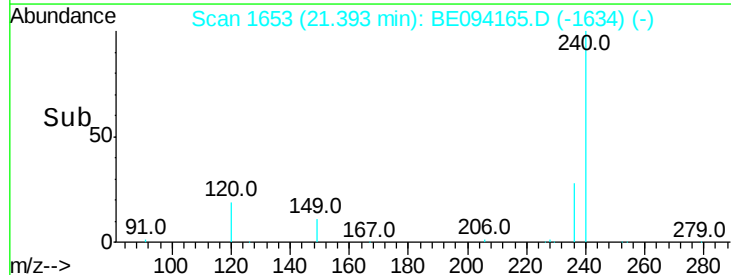
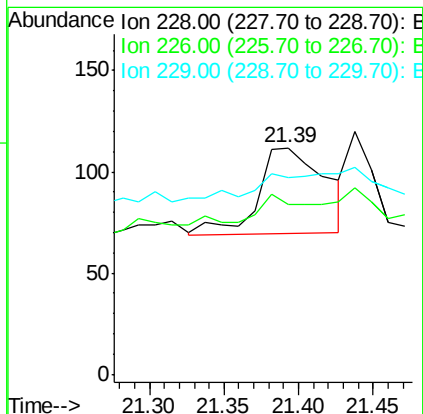
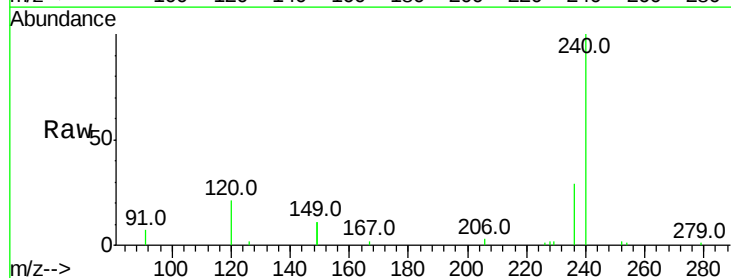
Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	11.3	8.1	12.1

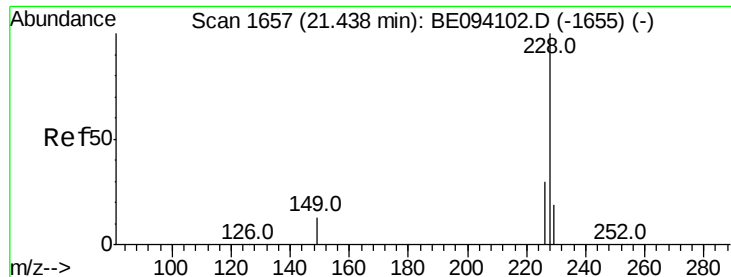


#30
 Benzo(a)anthracene
 Concen: 0.003 ng
 RT: 21.39 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BE094165.D
 Acq: 3 Oct 2017 21:40

Tgt Ion:228 Resp: 133

Ion	Ratio	Lower	Upper
228	100		
226	75.0	21.4	32.0#
229	86.6	16.4	24.6#





#31

Chrysene

Concen: 0.001 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

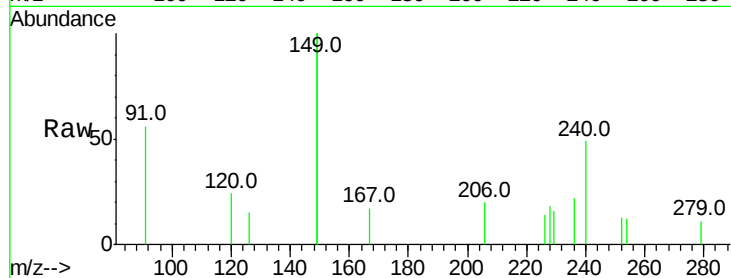
Tot Ion: 228 Resp: 61

Ion Ratio Lower Upper

228 100

226 76.7 23.6 35.4#

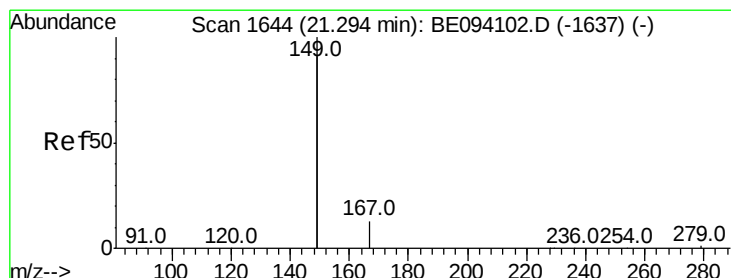
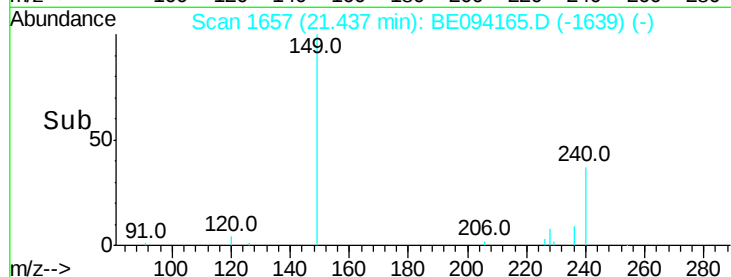
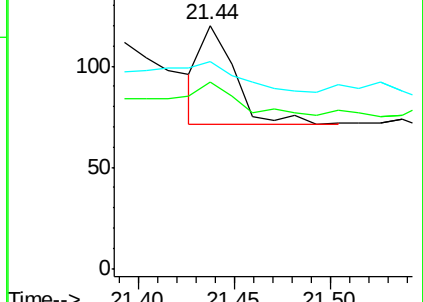
229 85.0 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

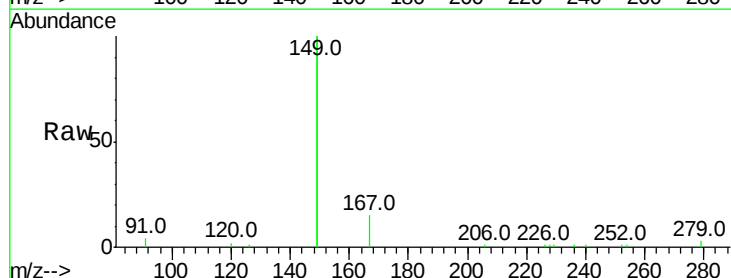
Tgt Ion: 149 Resp: 24388

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

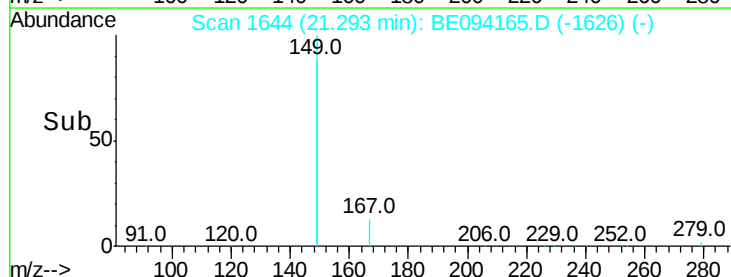
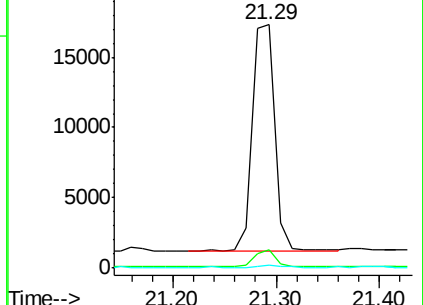
279 0.9 0.7 1.1

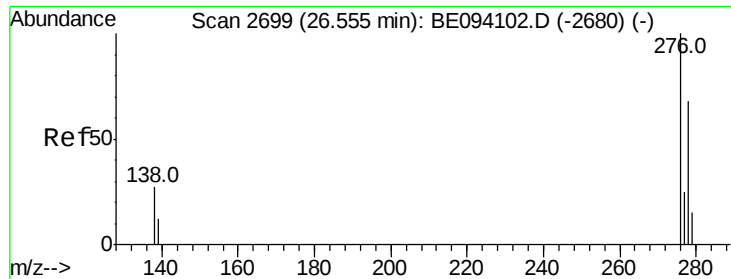


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

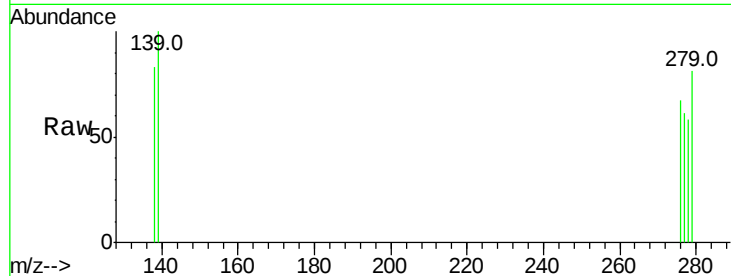
Ion 279.00 (278.70 to 279.70): E



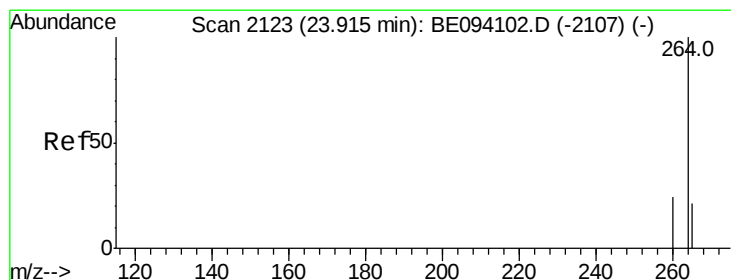
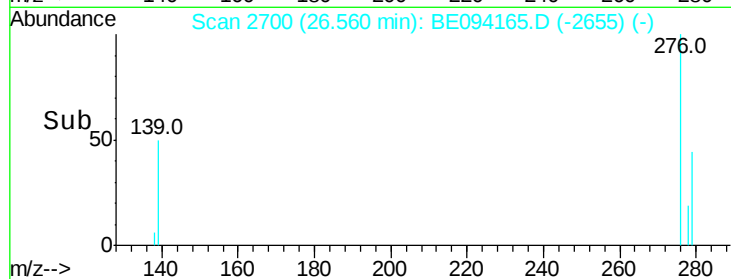
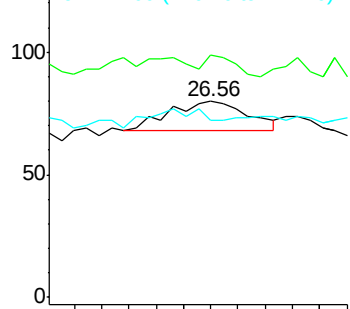


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.56 min Scan# 2700
Delta R.T. 0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tot Ion:276 Resp: 24
Ion Ratio Lower Upper
276 100
138 25.0 22.5 33.7
277 45.8 19.9 29.9#

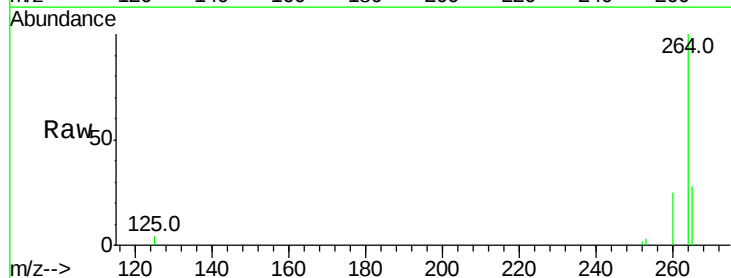


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

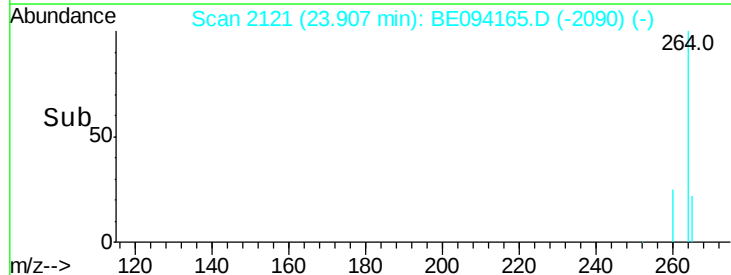
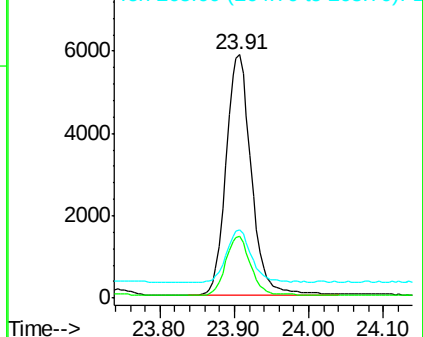


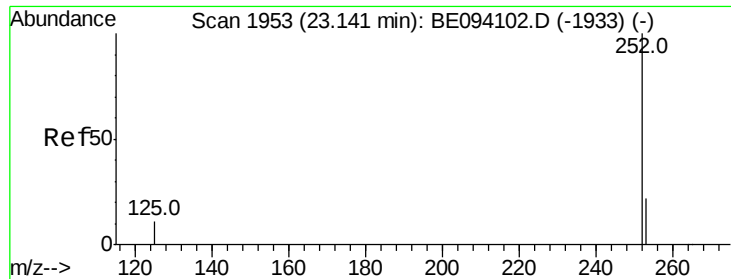
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:264 Resp: 13717
Ion Ratio Lower Upper
264 100
260 25.3 20.5 30.7
265 27.9 22.8 34.2



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





#35

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

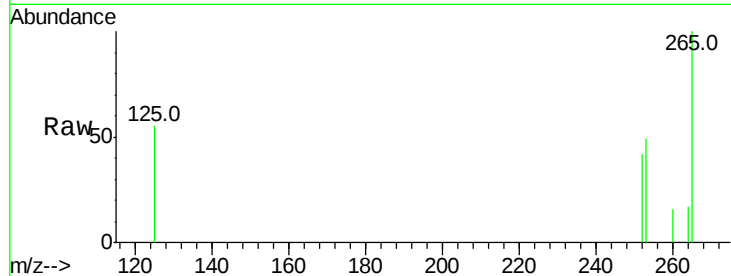
Tot Ion:252 Resp: 133

Ion Ratio Lower Upper

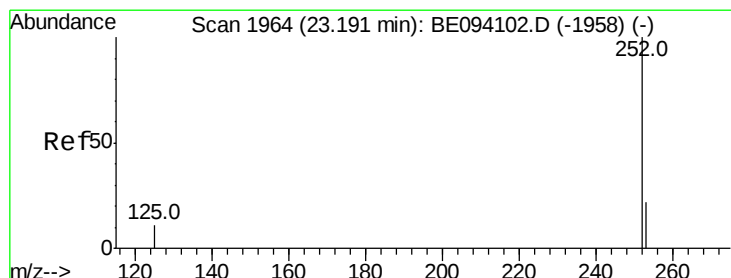
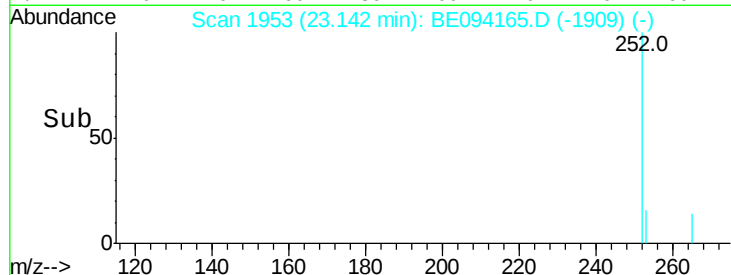
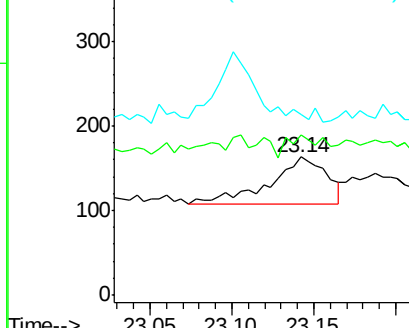
252 100

253 116.0 18.2 27.2#

125 131.3 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

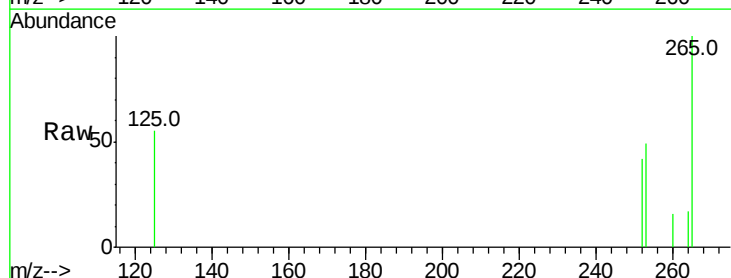
Tgt Ion:252 Resp: 133

Ion Ratio Lower Upper

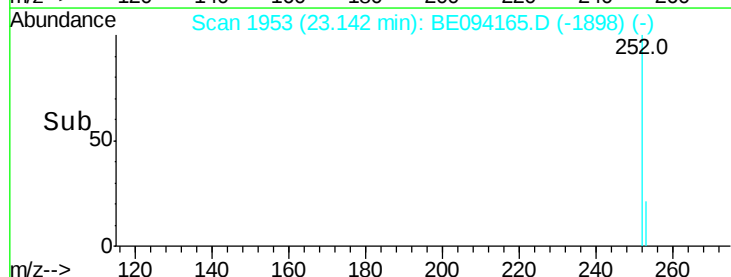
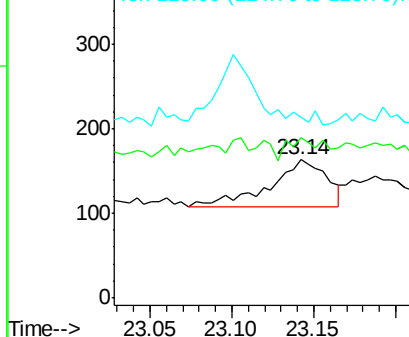
252 100

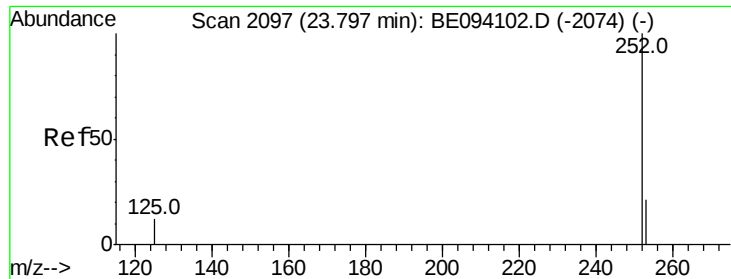
253 116.0 18.6 27.8#

125 131.3 10.7 16.1#



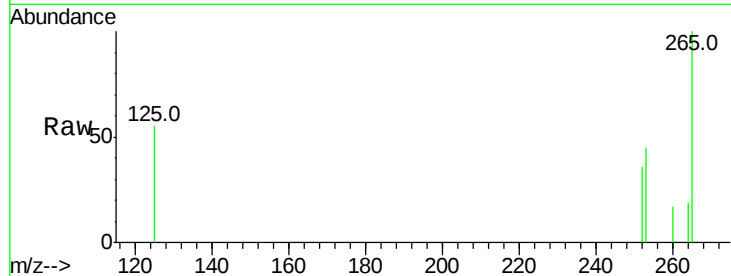
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



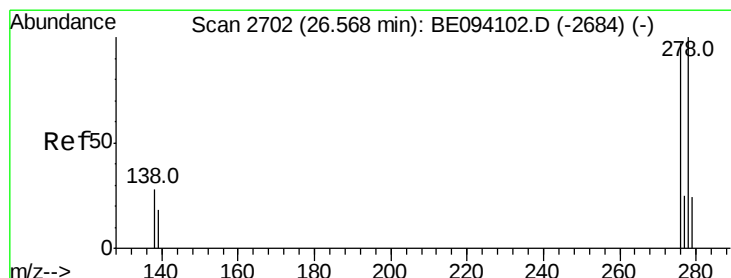
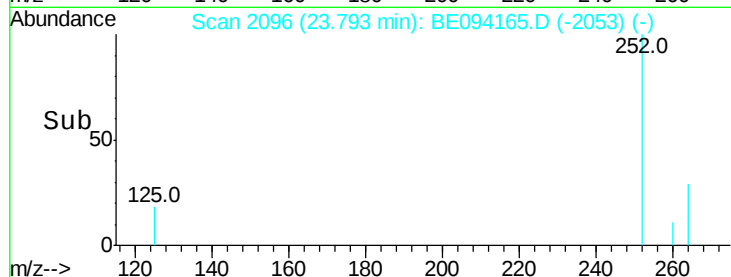
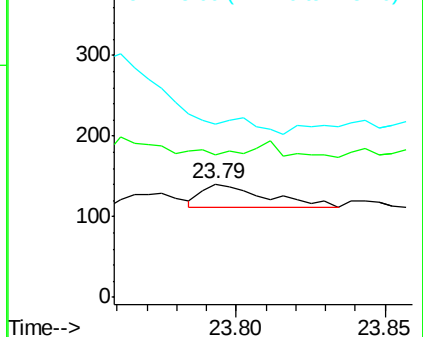


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tot Ion:252 Resp: 45
Ion Ratio Lower Upper
252 100
253 125.5 19.0 28.6#
125 152.5 11.8 17.8#

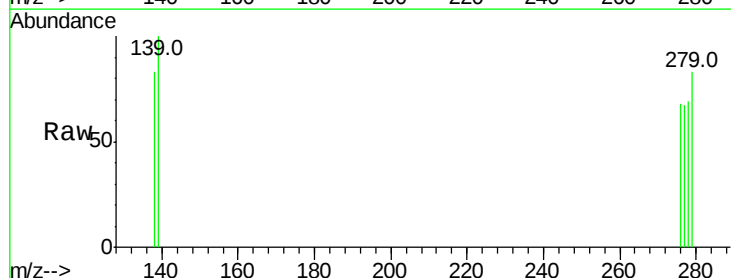


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

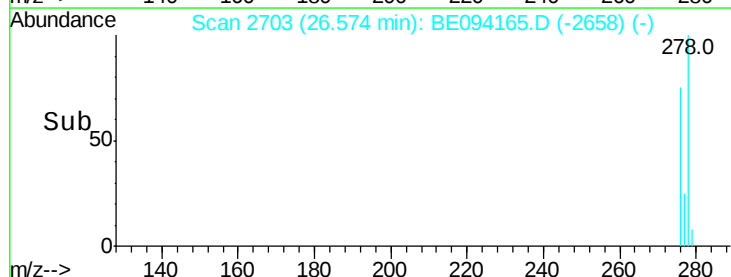
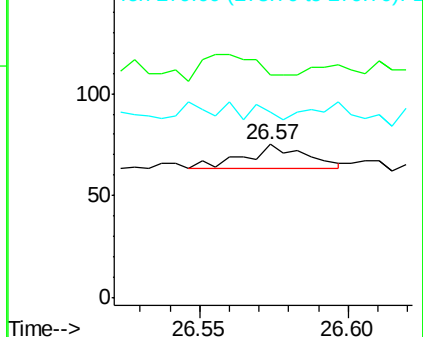


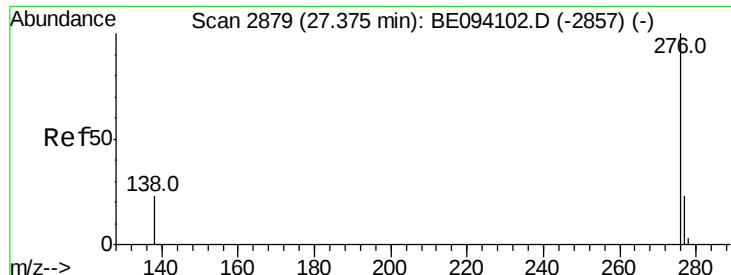
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:278 Resp: 17
Ion Ratio Lower Upper
278 100
139 145.3 16.3 24.5#
279 121.3 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.000 ng

RT: 27.37 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

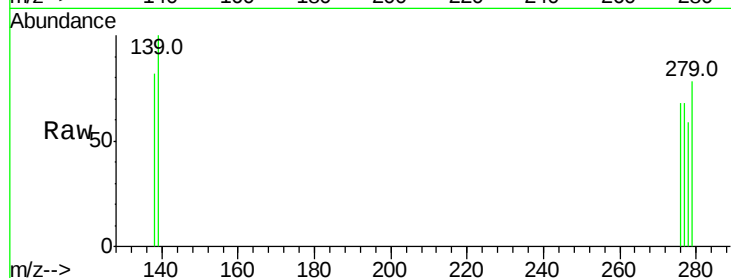
Tot Ion: 276 Resp: 12

Ion Ratio Lower Upper

276 100

277 100.0 20.8 31.2#

138 120.8 21.5 32.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

