

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011018\
 Data File : BE095066.D
 Acq On : 10 Jan 2018 10:59
 Operator : SJ/JU
 Sample : PB105549BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 10 12:55:58 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 27 12:15:11 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7547	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	16706	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8163	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	18266	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19133	0.40	ng	-0.03
34) Perylene-d12	24.49	264	16171	0.40	ng	-0.05

System Monitoring Compounds

4) 2-Fluorophenol	5.94	112	3610	0.31	ng	-0.01
5) Phenol-d6	7.58	99	4800	0.28	ng	-0.01
8) Nitrobenzene-d5	9.63	82	4742	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	8226	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	477	0.25	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	13237	0.37	ng	-0.01
25) Fluoranthene-d10	19.72	212	72972	0.31	ng	-0.03
29) Terphenyl-d14	20.28	244	15175	0.42	ng	-0.03

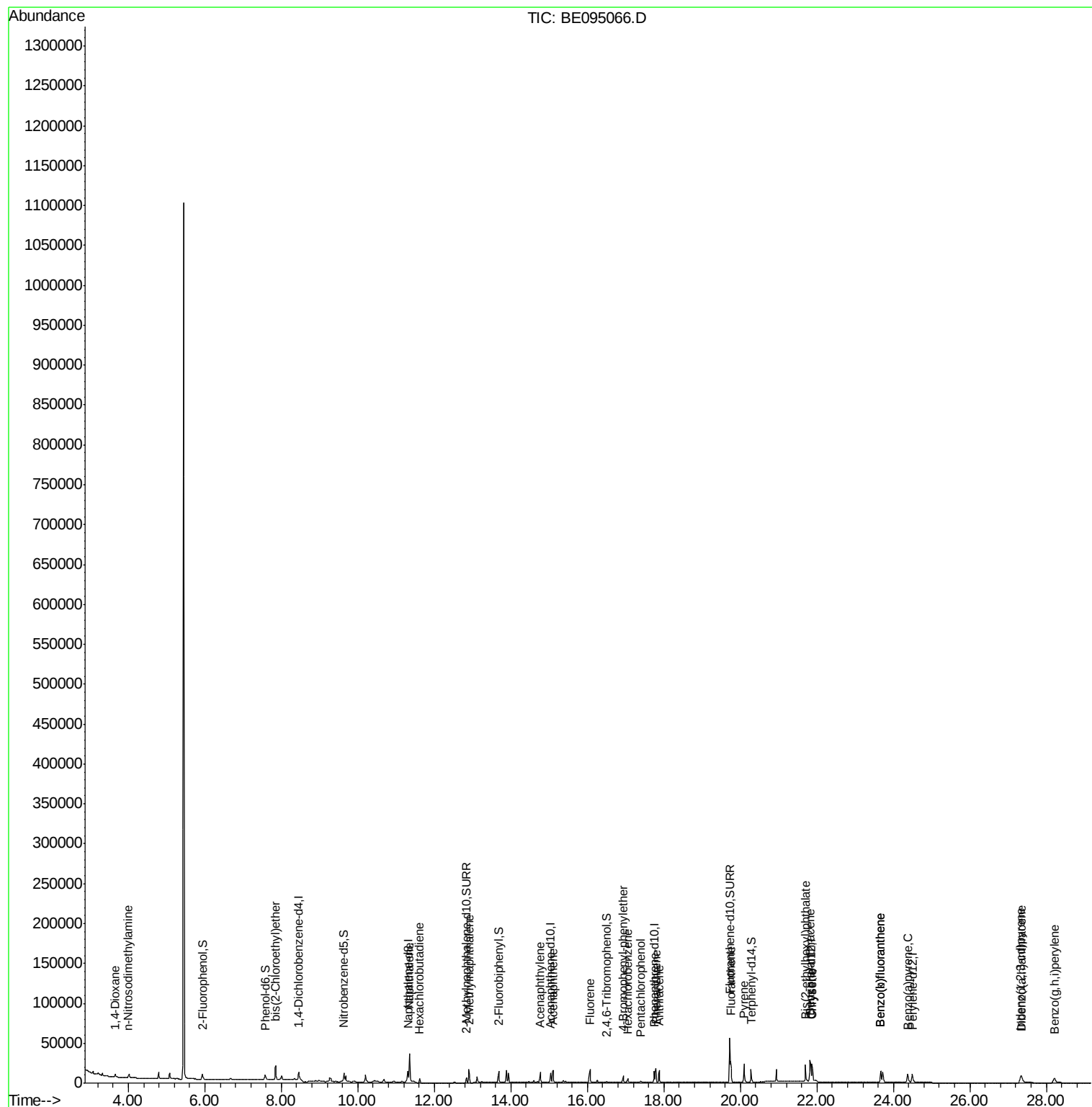
Target Compounds

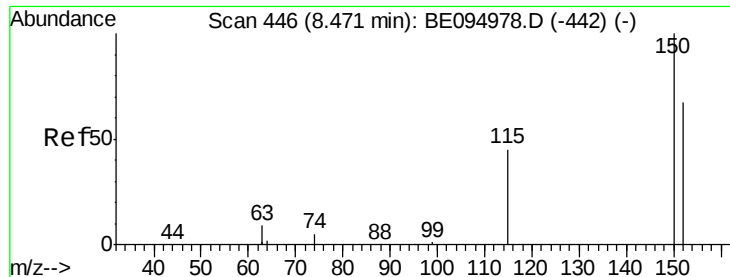
						Qvalue
2) 1,4-Dioxane	3.66	88	2535	0.341	ng	# 69
3) n-Nitrosodimethylamine	4.00	42	3397	0.386	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	6296	0.371	ng	95
9) Naphthalene	11.34	128	70080	0.357	ng	99
10) Hexachlorobutadiene	11.61	225	3179	0.356	ng	96
12) 2-Methylnaphthalene	12.91	142	15511	0.317	ng	97
16) Acenaphthylene	14.77	152	14395	0.330	ng	99
17) Acenaphthene	15.11	154	9610	0.332	ng	93
18) Fluorene	16.07	166	11983	0.333	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	3828	0.358	ng	# 82
21) Hexachlorobenzene	17.06	284	3746	0.343	ng	# 82
22) Pentachlorophenol	17.40	266	1128	0.496	ng	# 70
23) Phenanthrene	17.79	178	19958	0.351	ng	99
24) Anthracene	17.88	178	20328	0.348	ng	# 91
26) Fluoranthene	19.75	202	24480	0.349	ng	98
28) Pyrene	20.10	202	29094	0.449	ng	96
30) Benzo(a)anthracene	21.82	228	22074	0.395	ng	# 62
31) Chrysene	21.87	228	25059	0.398	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.70	149	23538	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	27.33	276	16983	0.331	ng	96
35) Benzo(b)fluoranthene	23.67	252	20054	0.338	ng	# 89
36) Benzo(k)fluoranthene	23.67	252	20054	0.333	ng	95
37) Benzo(a)pyrene	24.37	252	18105	0.344	ng	94
38) Dibenzo(a,h)anthracene	27.35	278	12670	0.259	ng	98
39) Benzo(g,h,i)perylene	28.20	276	17023	0.350	ng	96

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

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QLast Update : Wed Dec 27 12:15:11 2017
Response via : Initial Calibration

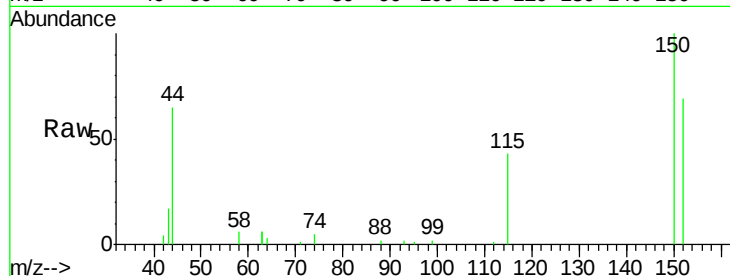




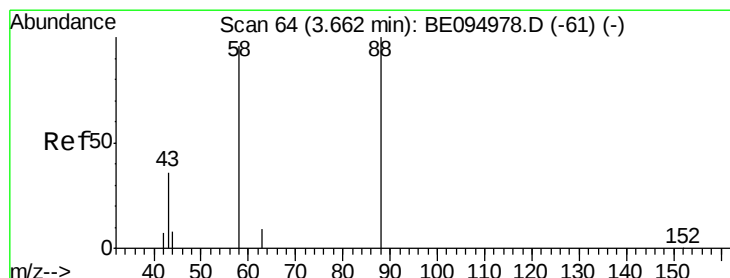
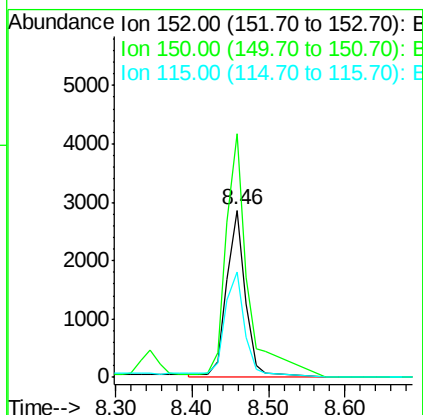
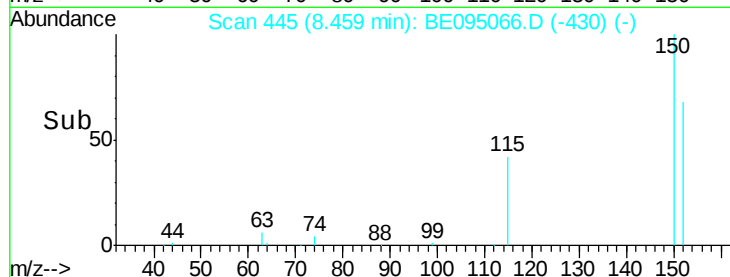
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095066.D
Acq: 10 Jan 2018 10:59

Tgt Ion: 152 Resp: 7547
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 62.7 57.0 85.6



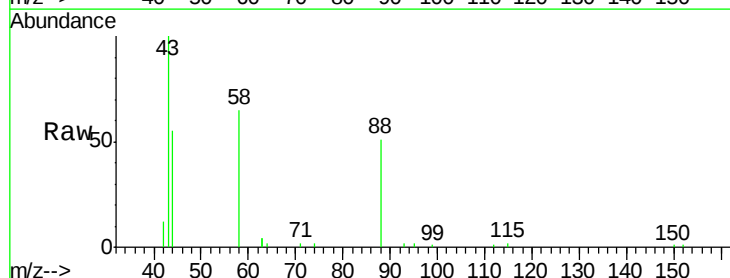
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



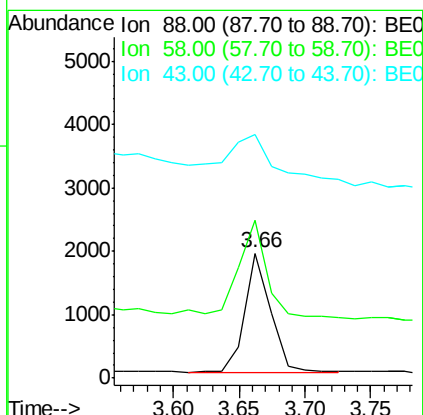
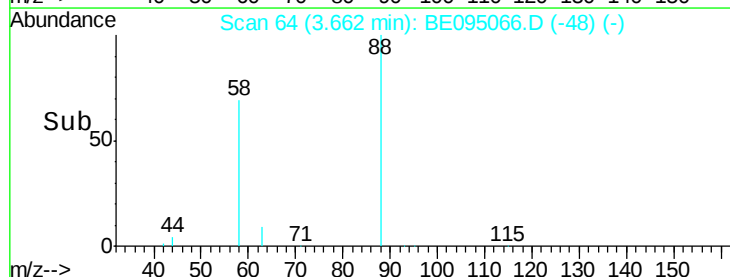
#2

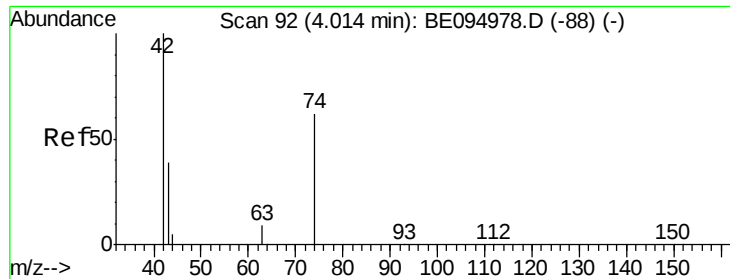
1,4-Dioxane
Concen: 0.341 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095066.D
Acq: 10 Jan 2018 10:59

Tgt Ion: 88 Resp: 2535
Ion Ratio Lower Upper
88 100
58 91.0 63.2 94.8
43 90.9 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

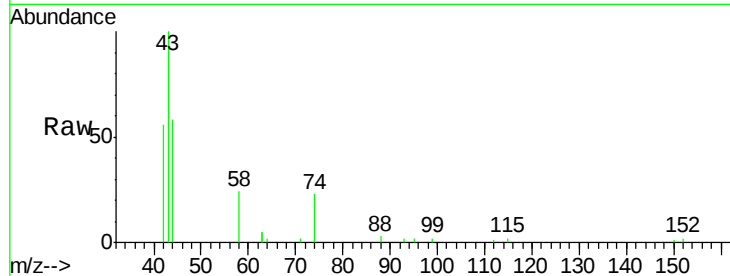




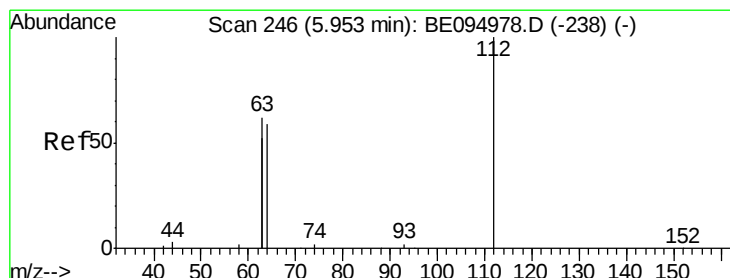
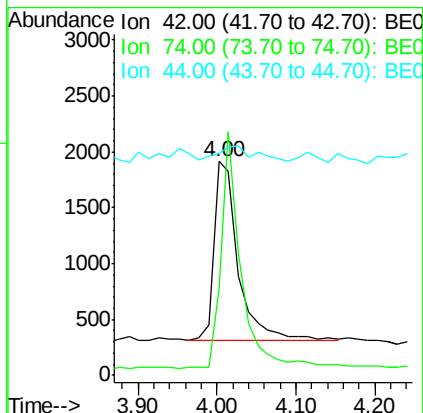
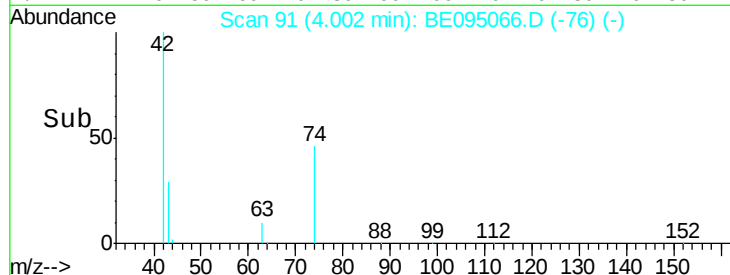
#3

n-Nitrosodimethylamine
 Concen: 0.386 ng
 RT: 4.00 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



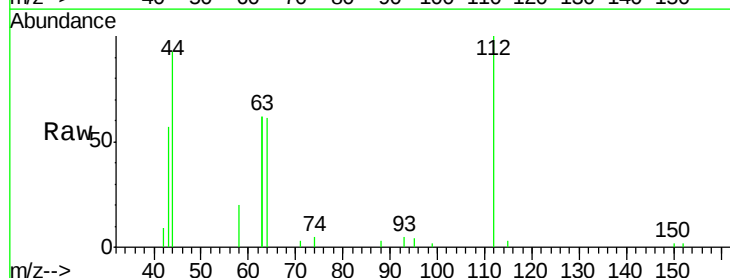
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



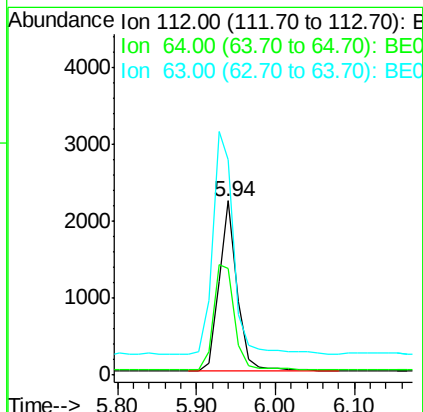
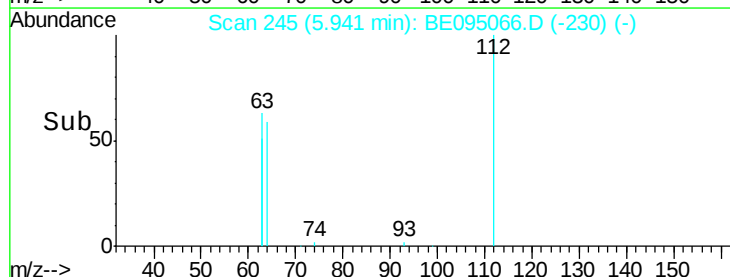
#4

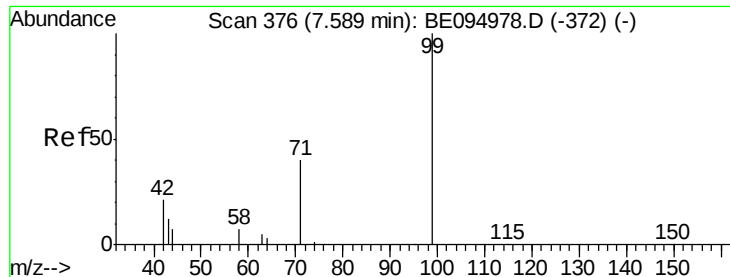
2-Fluorophenol
 Concen: 0.308 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	60.1	90.1
63	148.4	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: 0.276 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

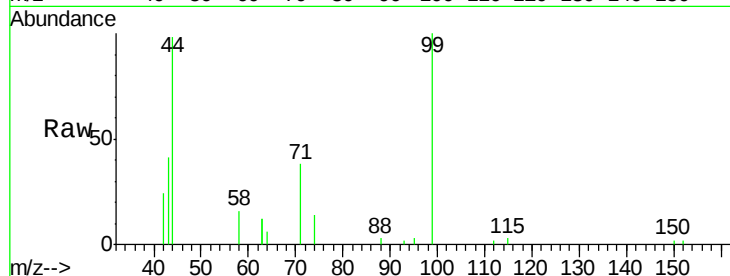
Tgt Ion: 99 Resp: 4800

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

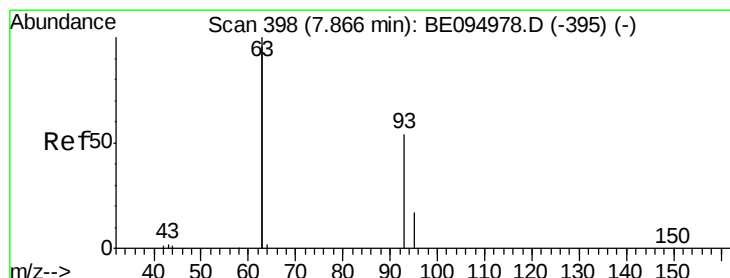
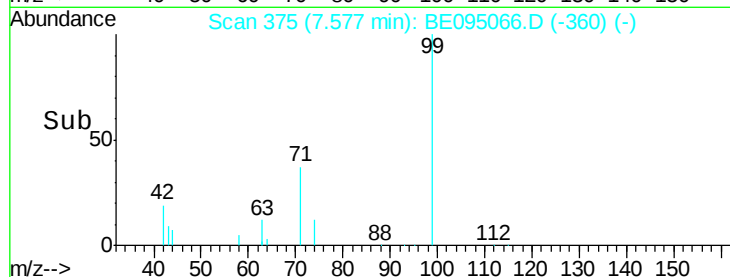
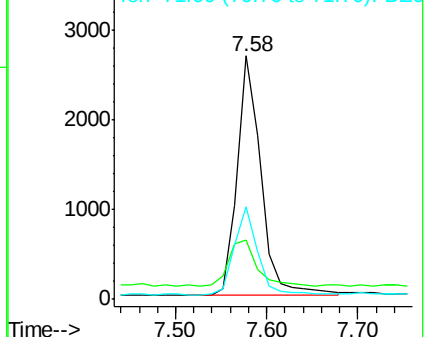
71 36.3 28.4 42.6



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: 0.371 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

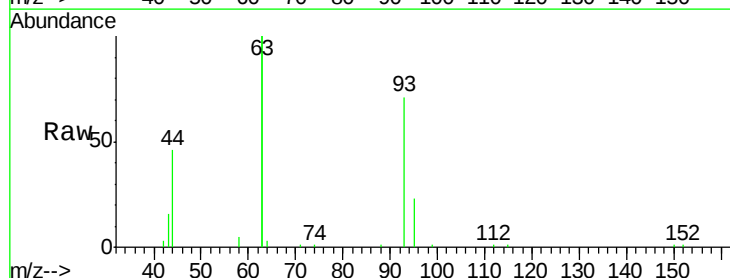
Tgt Ion: 93 Resp: 6296

Ion Ratio Lower Upper

93 100

63 331.5 275.3 412.9

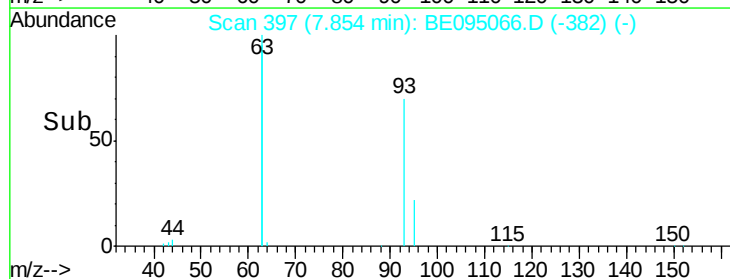
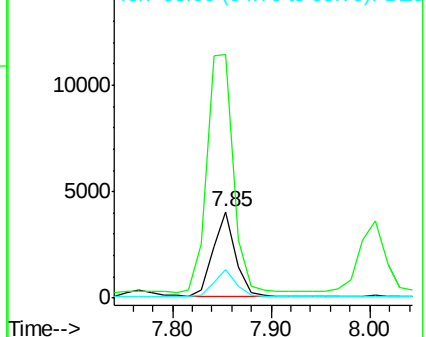
95 31.4 25.2 37.8

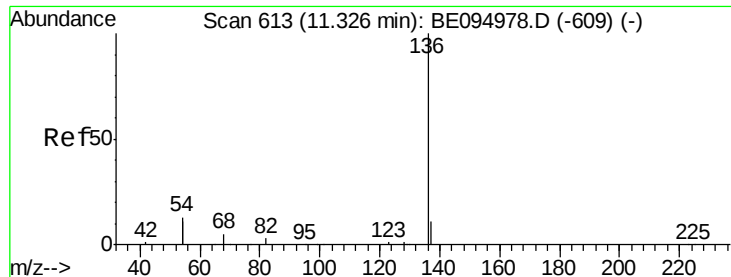


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

Tgt Ion: 136 Resp: 16706

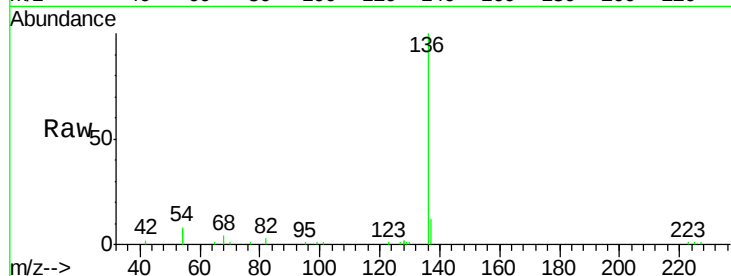
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 16.5 29.1 43.7#

68 4.2 6.2 9.2#

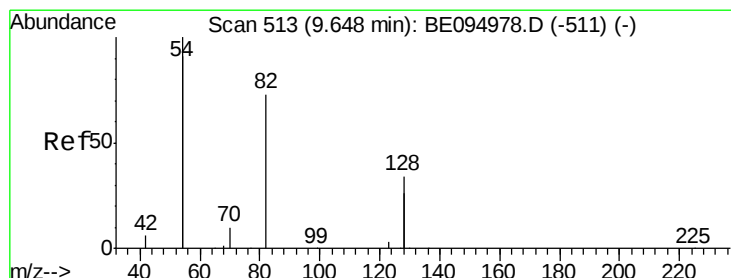
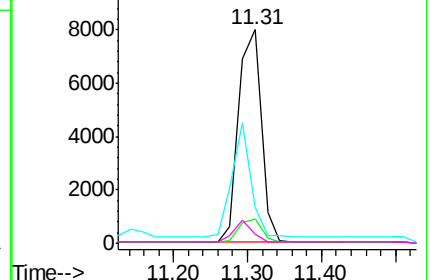
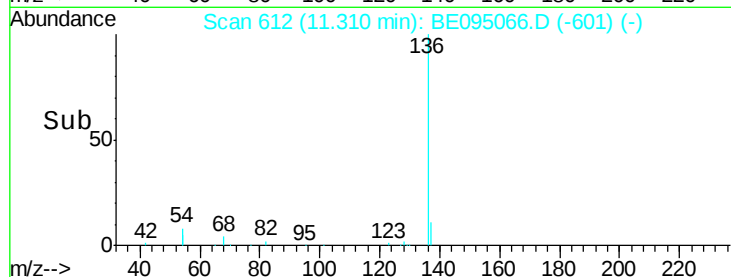


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.346 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

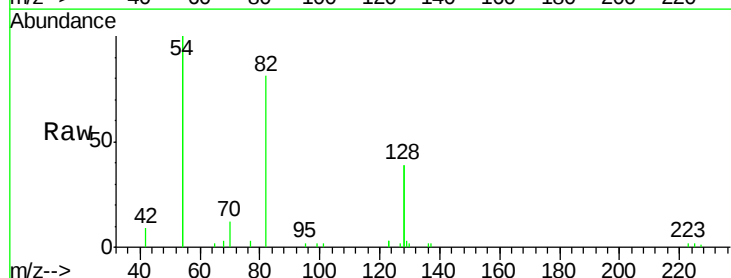
Tgt Ion: 82 Resp: 4742

Ion Ratio Lower Upper

82 100

128 94.9 150.0 225.0#

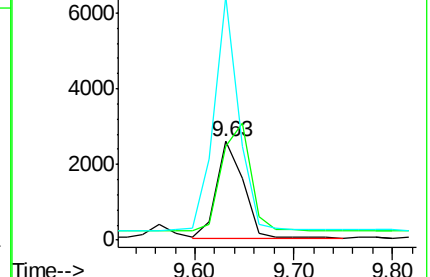
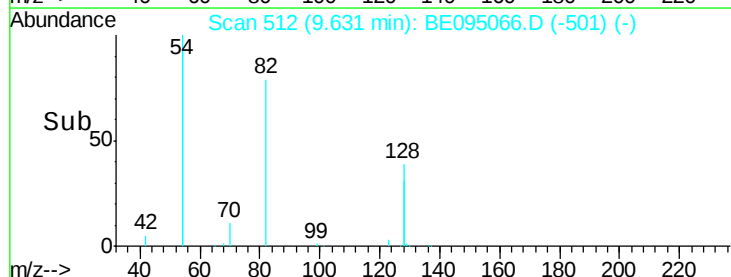
54 246.4 154.2 231.4#

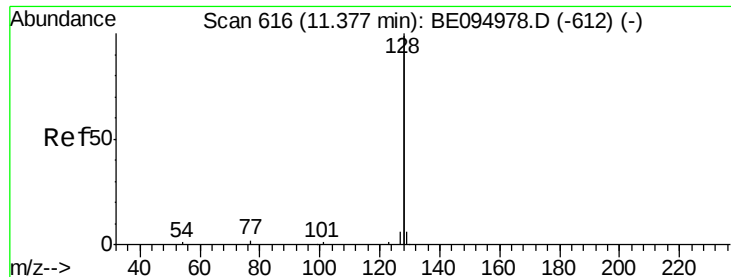


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.357 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

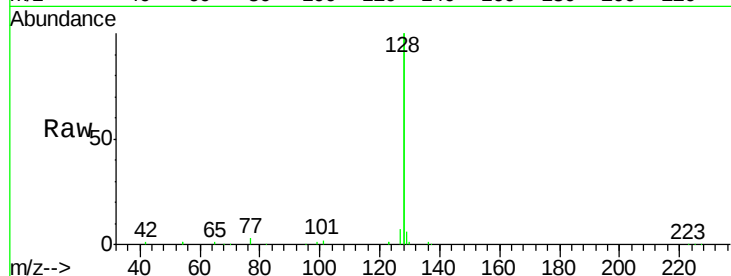
Tgt Ion:128 Resp: 70080

Ion Ratio Lower Upper

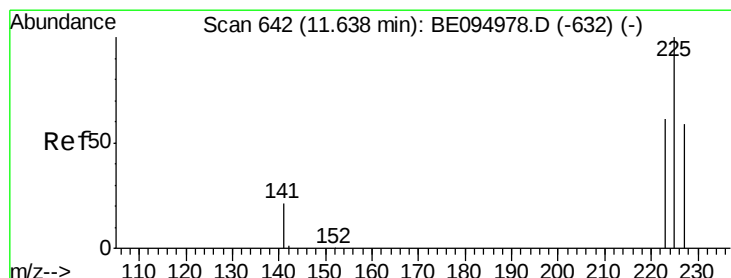
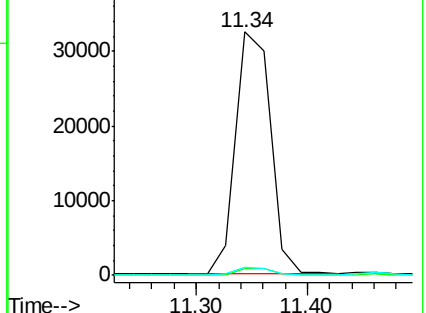
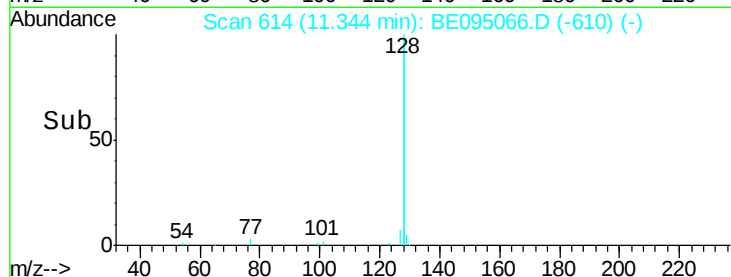
128 100

129 2.8 2.6 3.8

127 3.5 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: 0.356 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

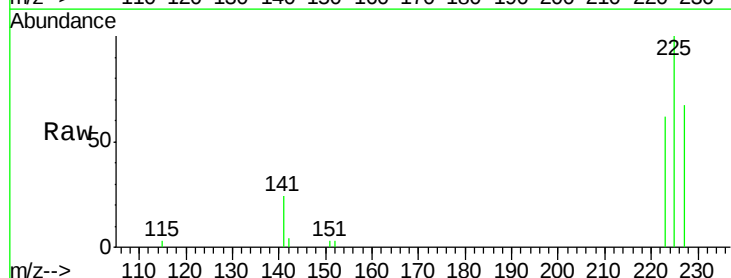
Tgt Ion:225 Resp: 3179

Ion Ratio Lower Upper

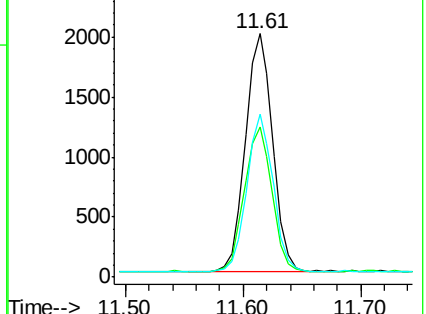
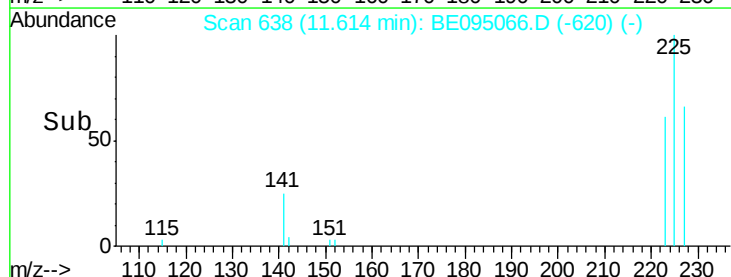
225 100

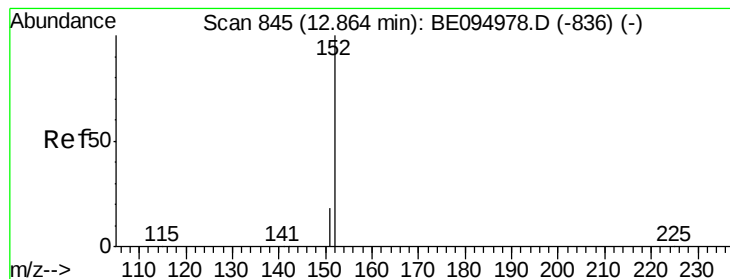
223 61.2 53.0 79.6

227 64.7 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: 0.301 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095066.D

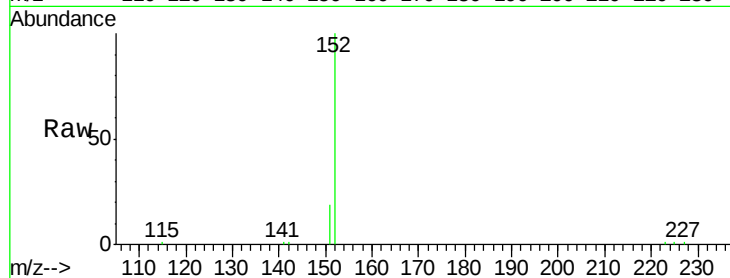
Acq: 10 Jan 2018 10:59

Tgt Ion:152 Resp: 8226

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.84

6000

5000

4000

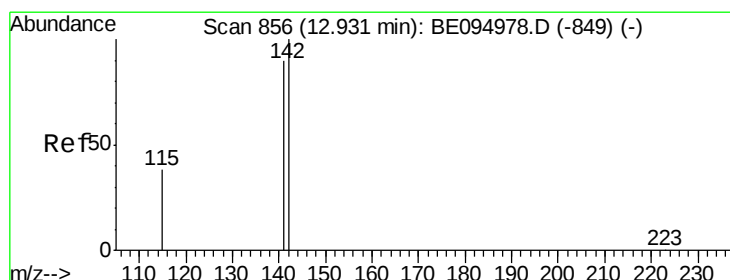
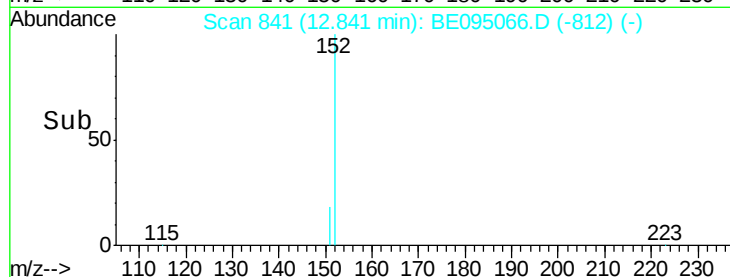
3000

2000

1000

0

Time--> 12.75 12.80 12.85 12.90



#12

2-Methylnaphthalene

Concen: 0.317 ng

RT: 12.91 min Scan# 852

Delta R.T. -0.02 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

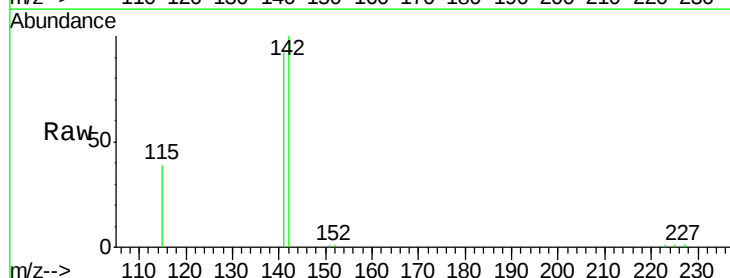
Tgt Ion:142 Resp: 15511

Ion Ratio Lower Upper

142 100

141 92.2 70.4 105.6

115 39.2 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

12.91

10000

8000

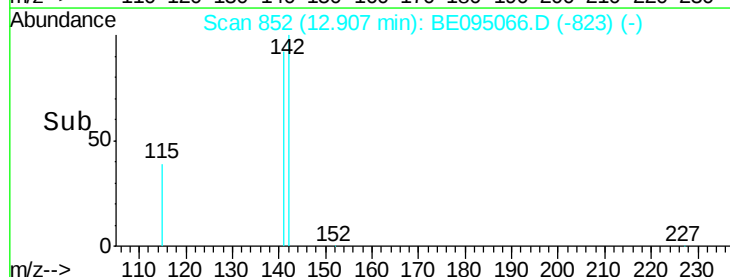
6000

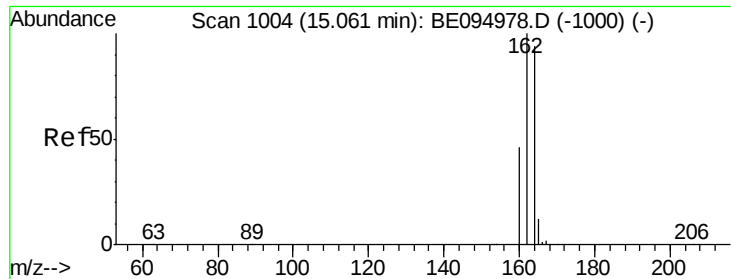
4000

2000

0

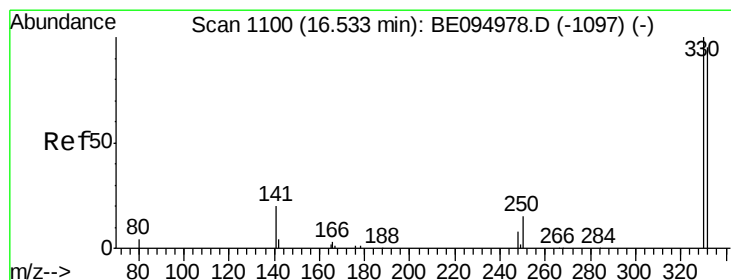
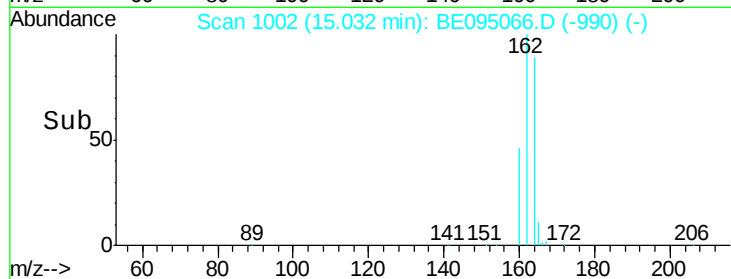
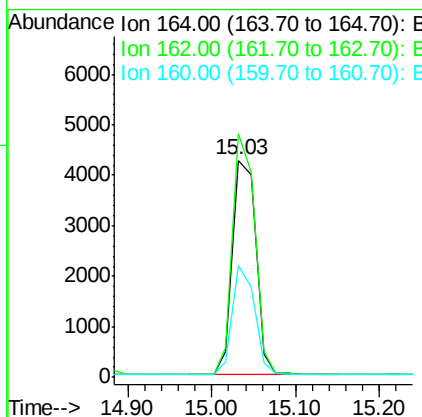
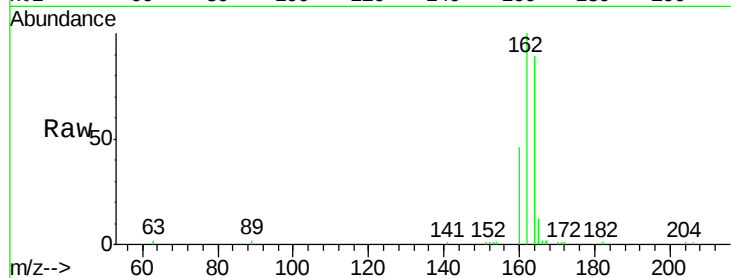
Time--> 12.80 12.90 13.00 13.10





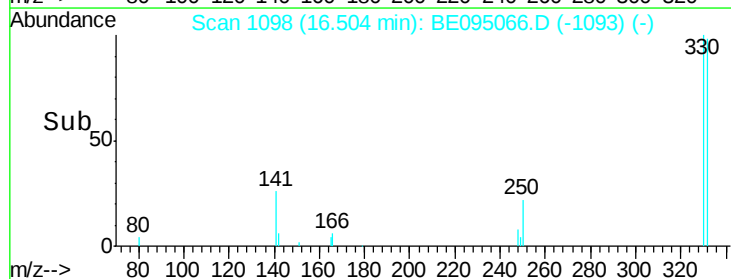
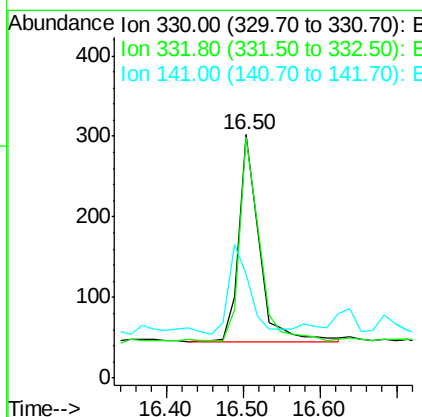
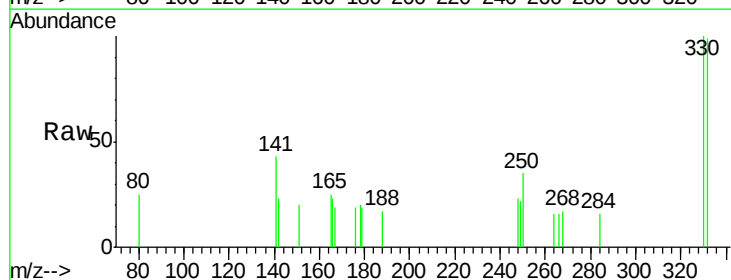
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.03 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

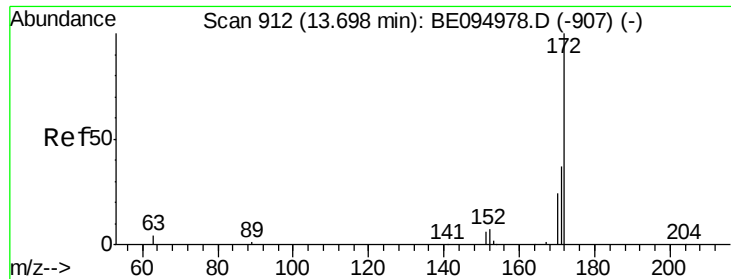
Tgt Ion: 164 Resp: 8163
 Ion Ratio Lower Upper
 164 100
 162 112.3 83.1 124.7
 160 51.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.251 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

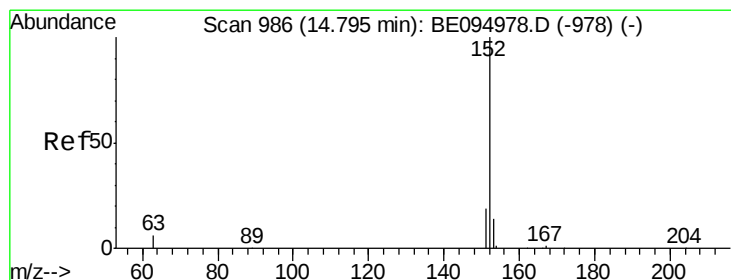
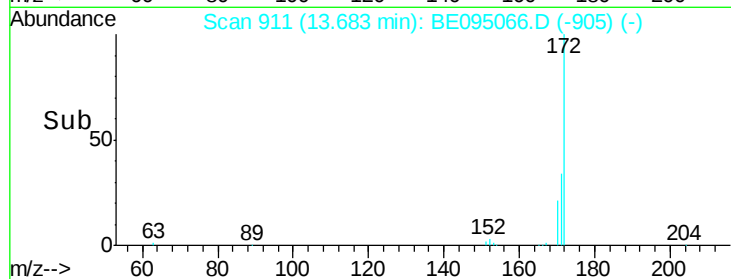
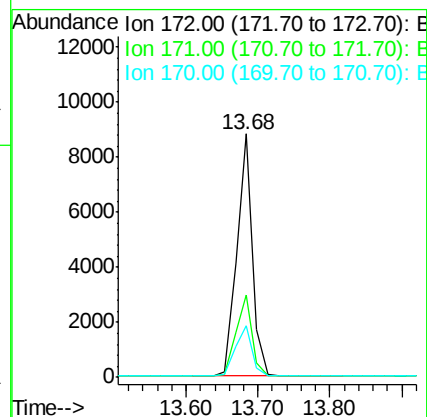
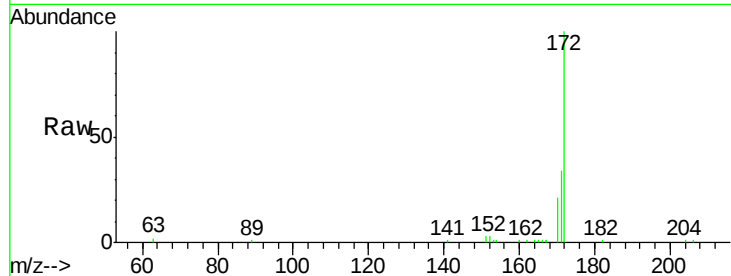
Tgt Ion: 330 Resp: 477
 Ion Ratio Lower Upper
 330 100
 332 94.3 152.7 229.1#
 141 44.9 33.7 50.5





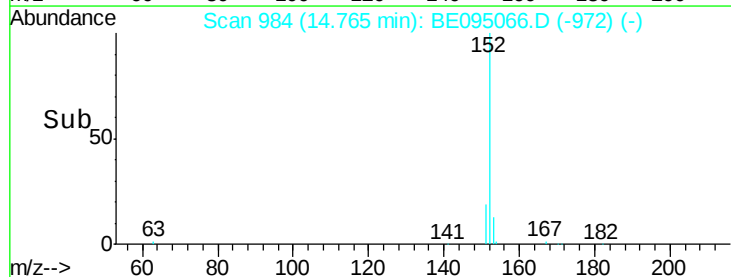
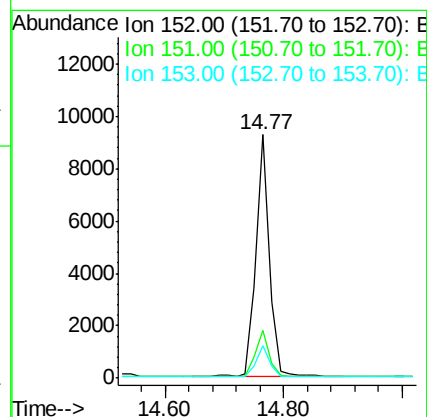
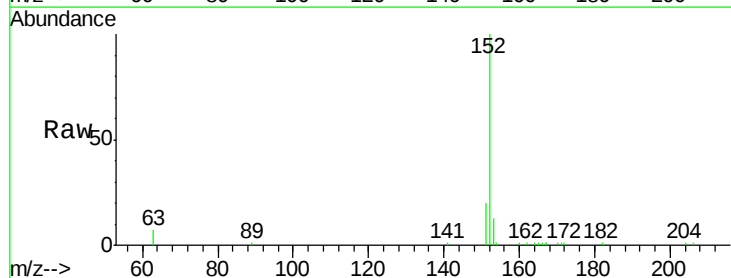
#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

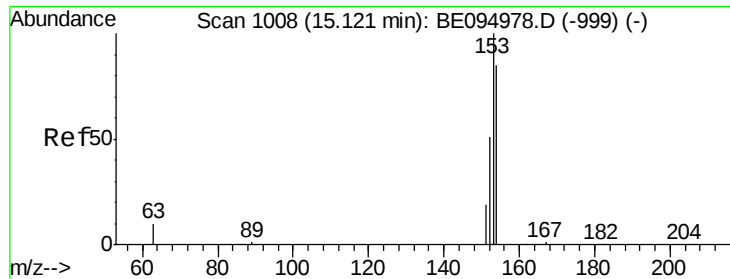
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	21.1	21.8	32.8



#16
 Acenaphthylene
 Concen: 0.330 ng
 RT: 14.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.7	10.5	15.7





#17

Acenaphthene

Concen: 0.332 ng

RT: 15.11 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

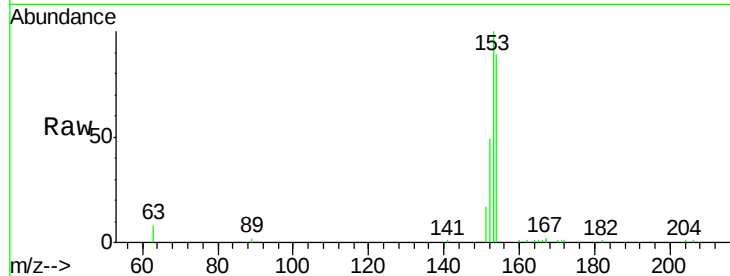
Tgt Ion:154 Resp: 9610

Ion Ratio Lower Upper

154 100

153 116.9 89.2 133.8

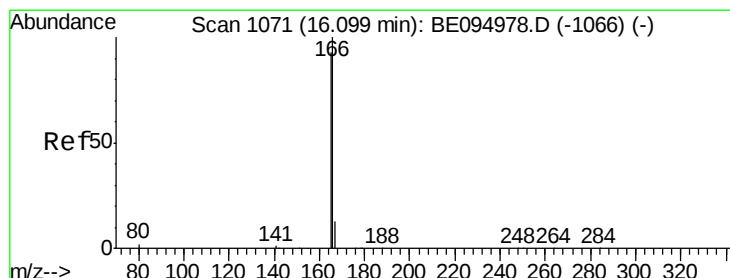
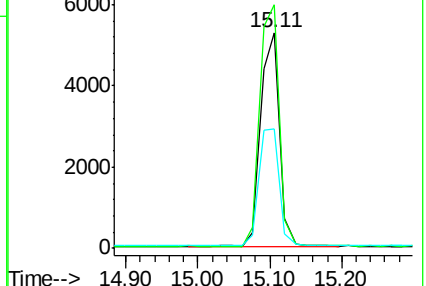
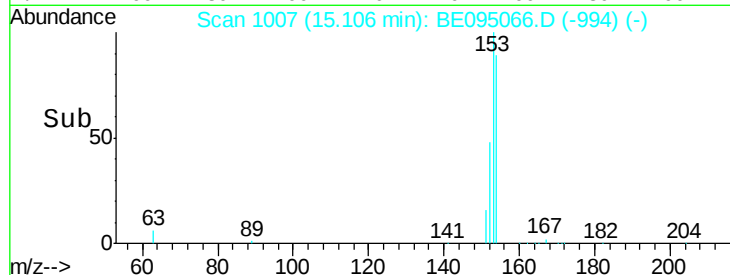
152 59.3 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.333 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

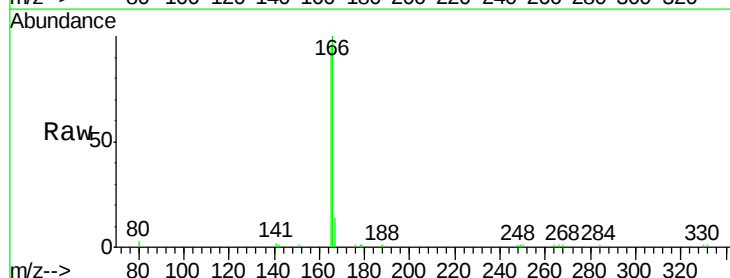
Tgt Ion:166 Resp: 11983

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

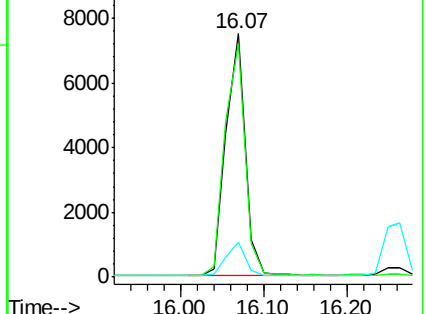
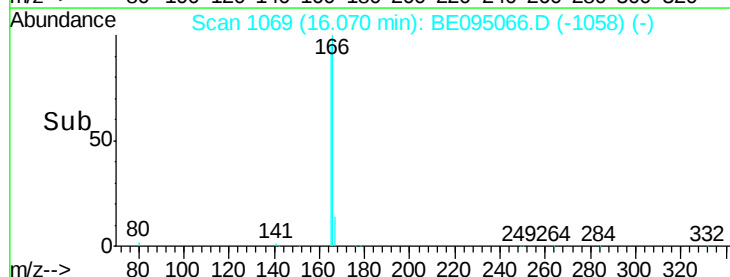
167 13.5 42.4 63.6#

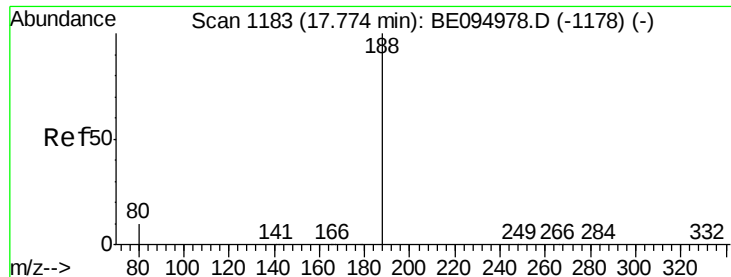


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

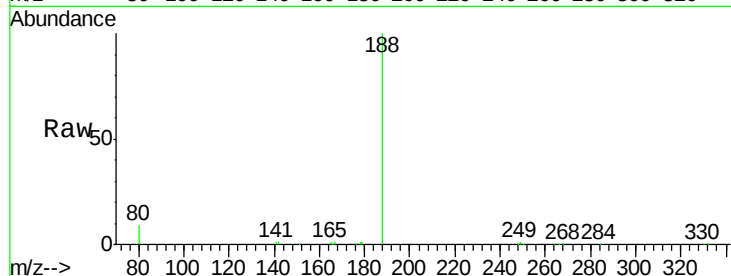
RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

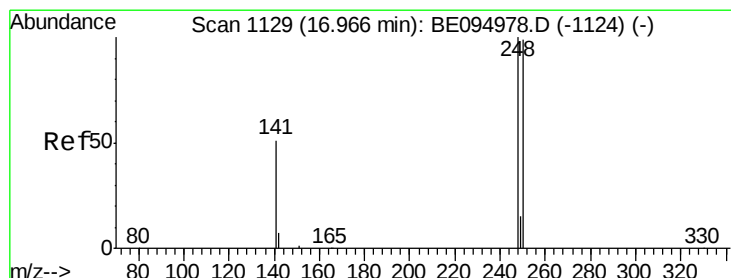
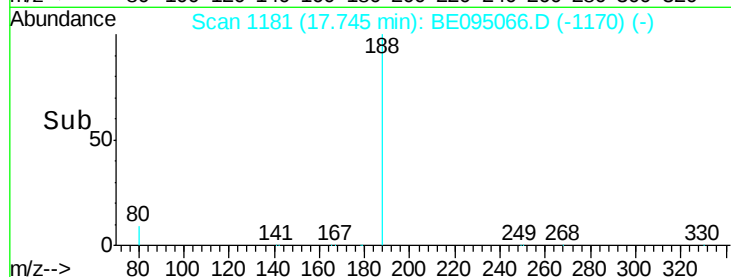
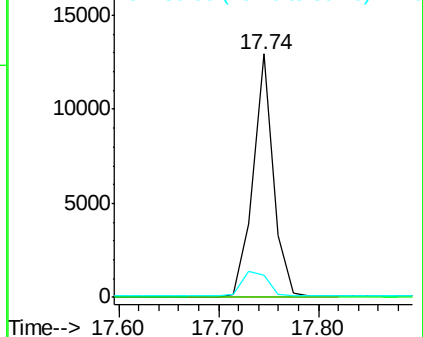
Tgt Ion:	188	Resp:	18266
Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.358 ng

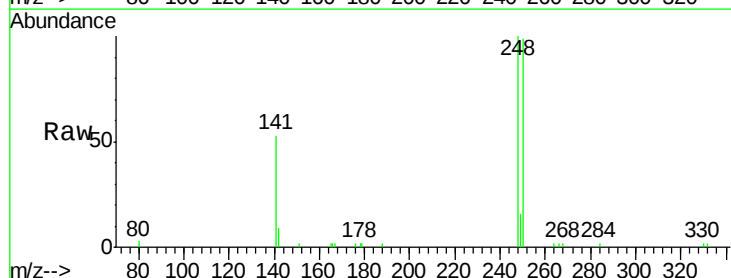
RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

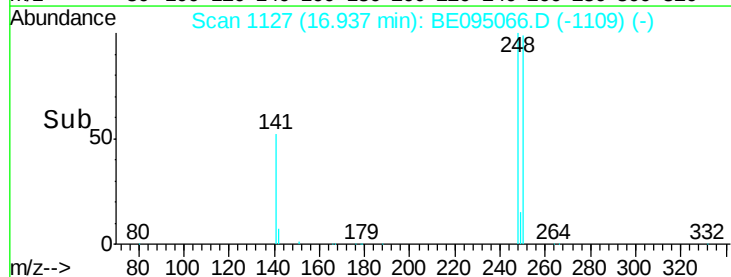
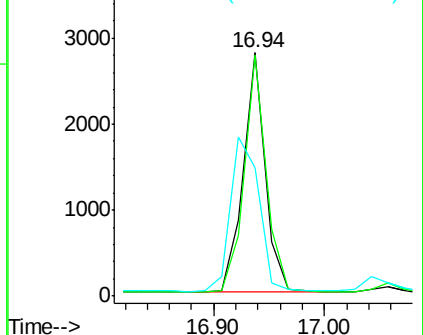
Tgt Ion:	248	Resp:	3828
Ion	Ratio	Lower	Upper
248	100		
250	99.0	62.7	94.1#
141	52.8	48.2	72.2

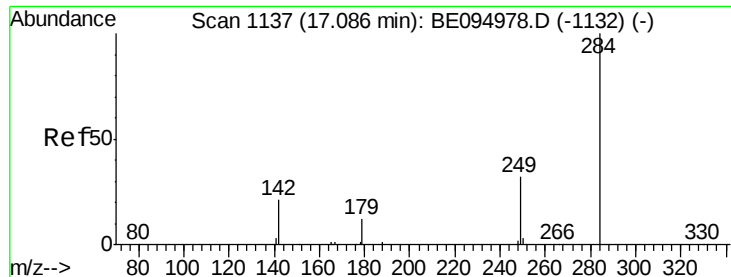


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.343 ng

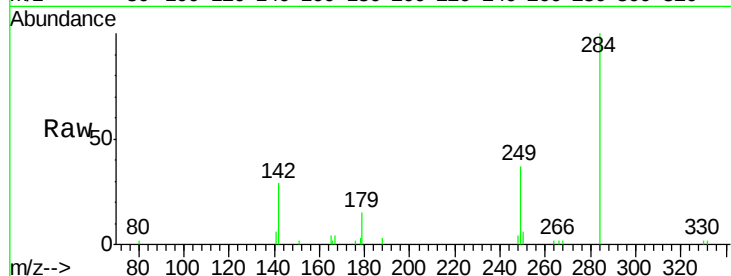
RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

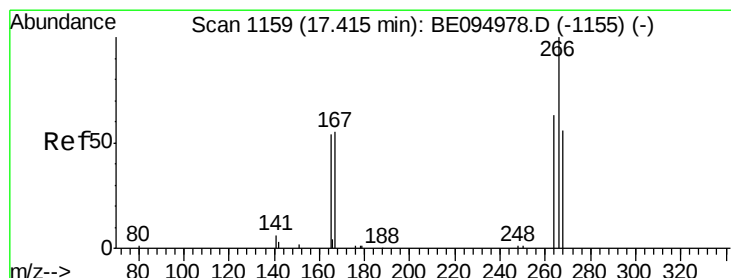
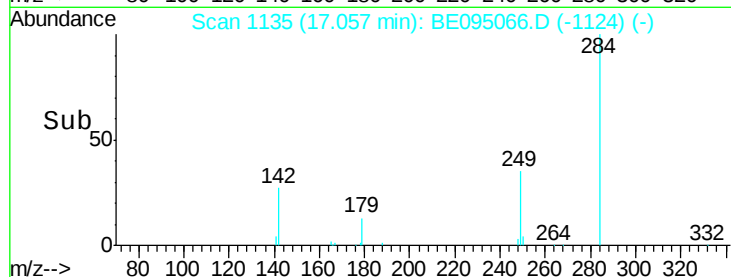
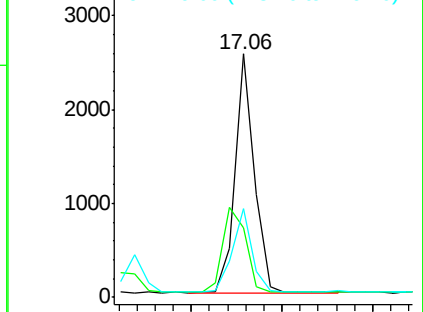
Tgt Ion:	284	Resp:	3746
Ion	Ratio	Lower	Upper
284	100		
142	42.5	22.1	33.1#
249	36.0	34.8	52.2



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



#22

Pentachlorophenol

Concen: 0.496 ng

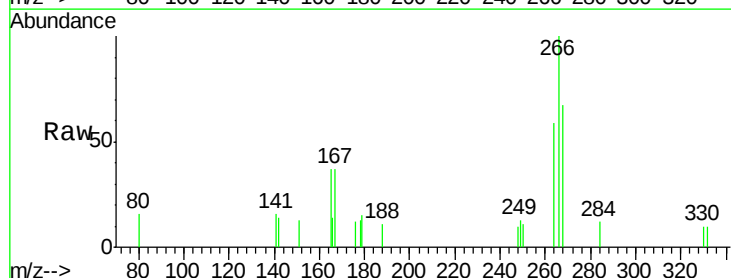
RT: 17.40 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

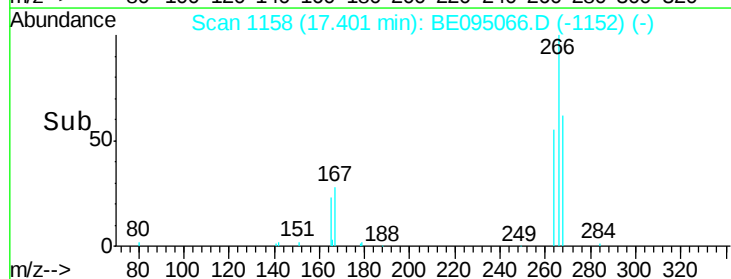
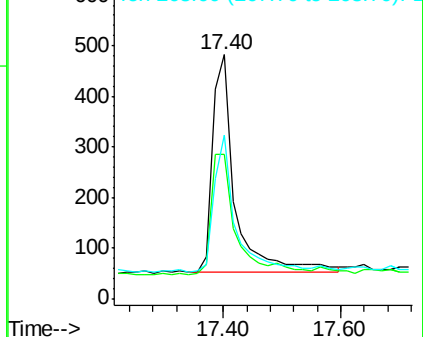
Tgt Ion:	266	Resp:	1128
Ion	Ratio	Lower	Upper
266	100		
264	59.1	72.5	108.7#
268	67.0	73.8	110.6#

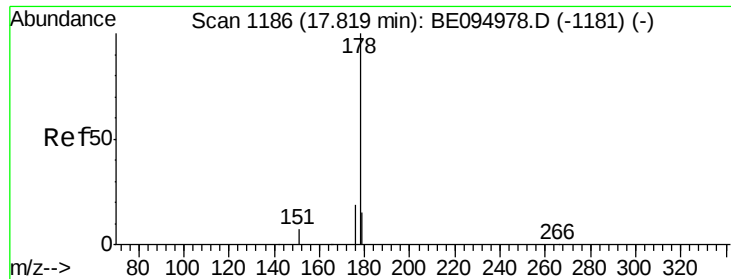


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

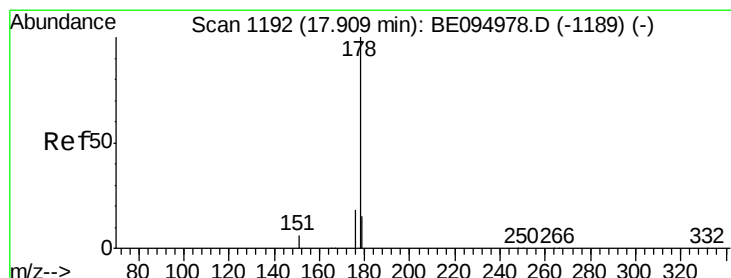
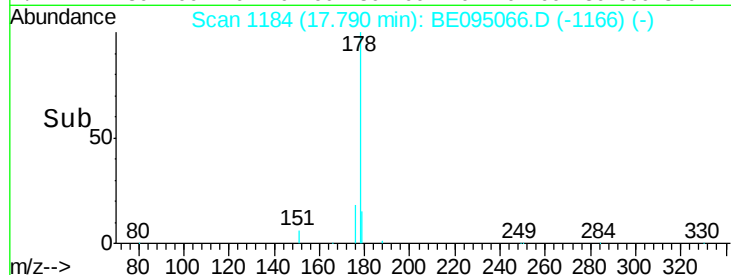
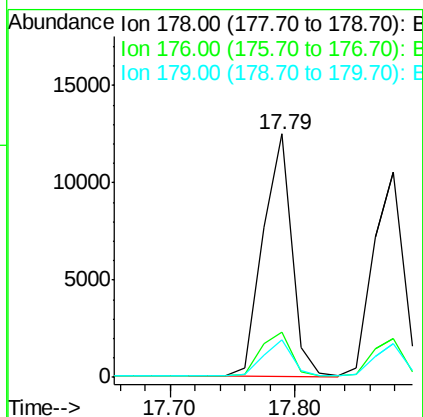
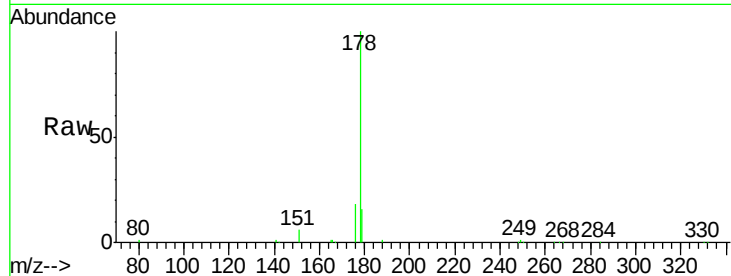
Ion 268.00 (267.70 to 268.70): E





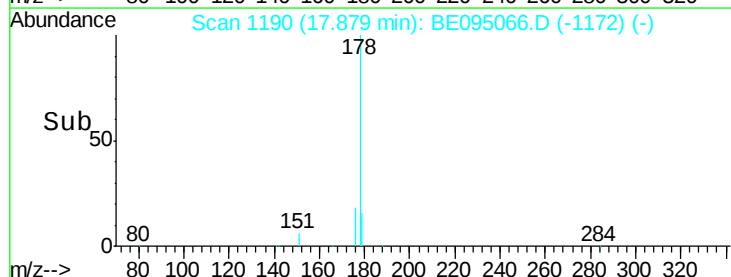
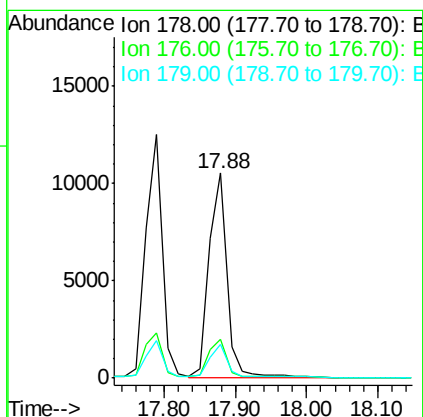
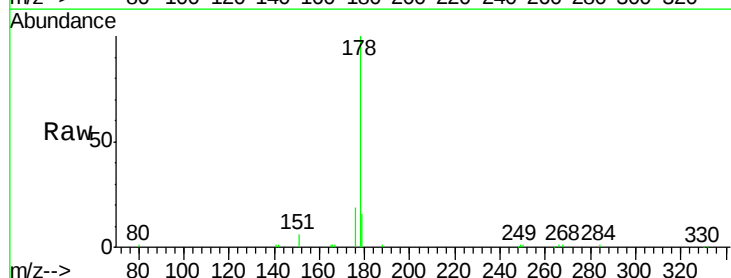
#23
Phenanthrene
Concen: 0.351 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095066.D
Acq: 10 Jan 2018 10:59

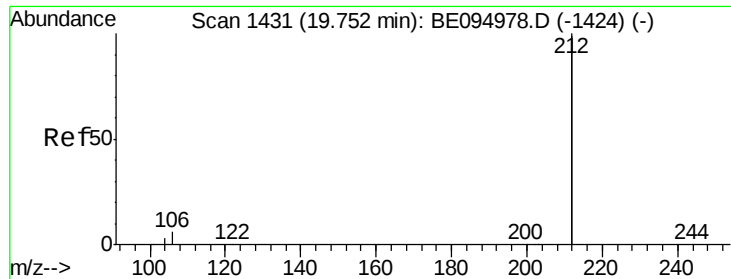
Tgt Ion:178 Resp: 19958
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.3 11.8 17.6



#24
Anthracene
Concen: 0.348 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095066.D
Acq: 10 Jan 2018 10:59

Tgt Ion:178 Resp: 20328
Ion Ratio Lower Upper
178 100
176 21.2 12.8 19.2#
179 18.4 13.0 19.6

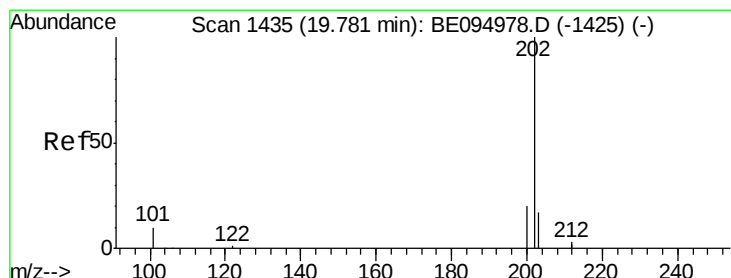
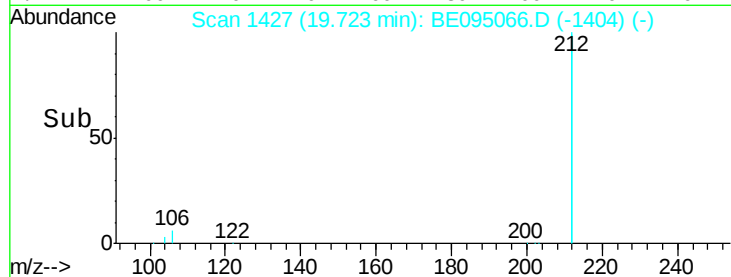
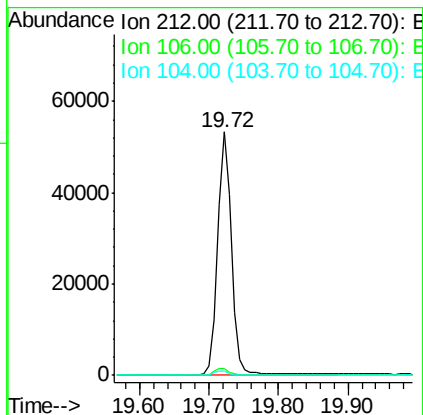
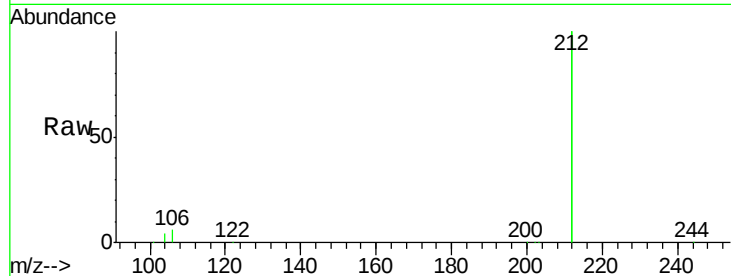




#25
 Fluoranthene-d10
 Concen: 0.308 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

Tgt Ion: 212 Resp: 72972

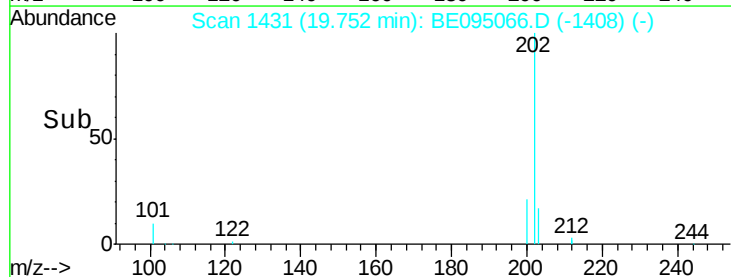
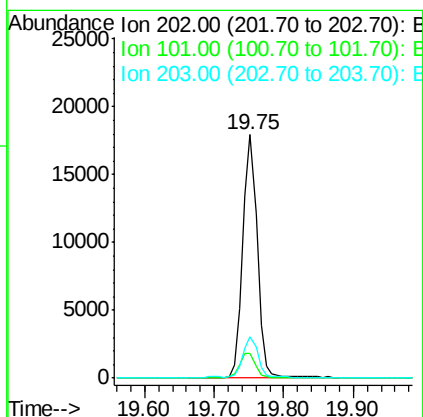
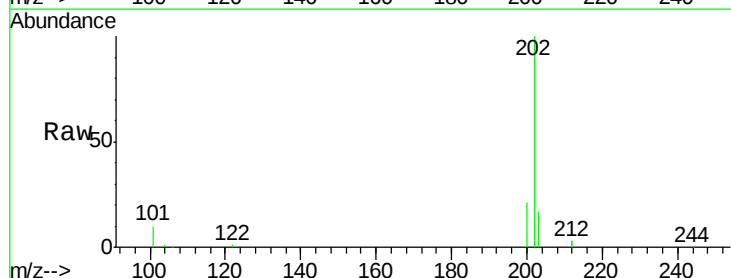
Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

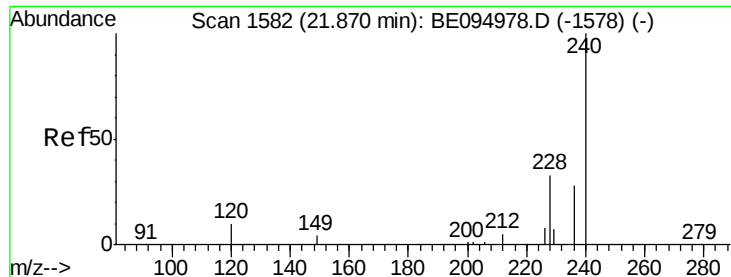


#26
 Fluoranthene
 Concen: 0.349 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BE095066.D
 Acq: 10 Jan 2018 10:59

Tgt Ion: 202 Resp: 24480

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	16.8	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

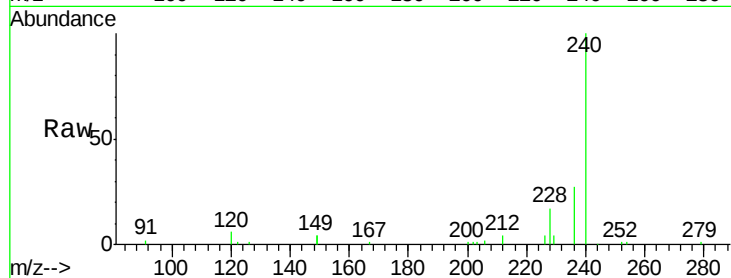
Tgt Ion: 240 Resp: 19133

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

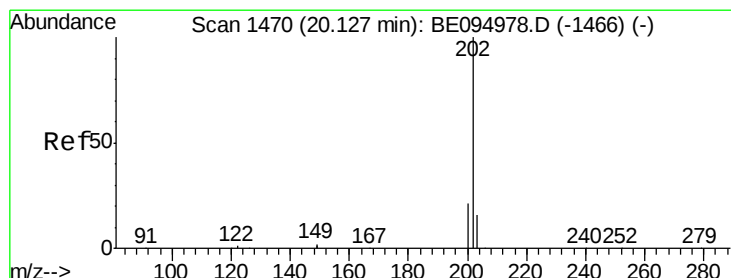
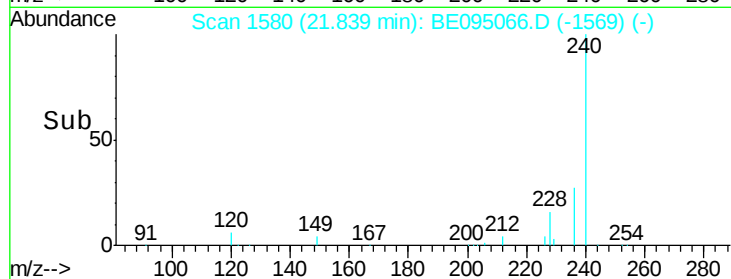
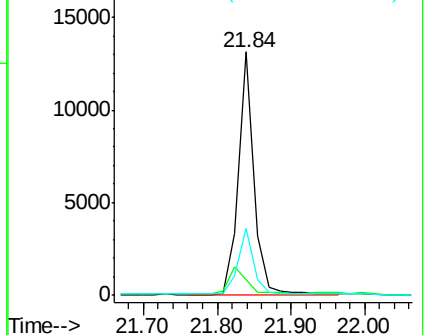
236 27.3 20.7 31.1



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: 0.449 ng

RT: 20.10 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

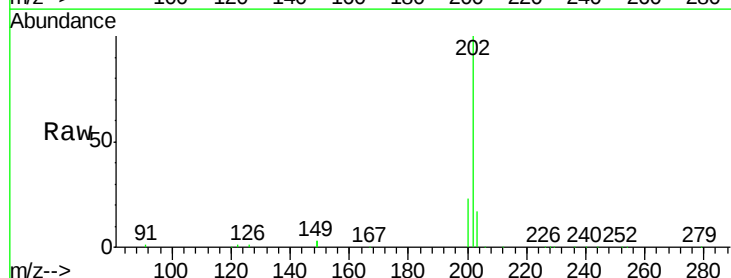
Tgt Ion: 202 Resp: 29094

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

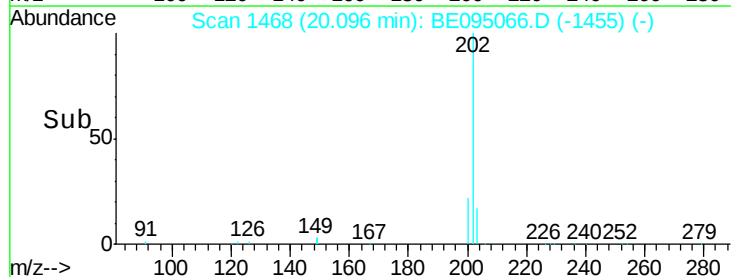
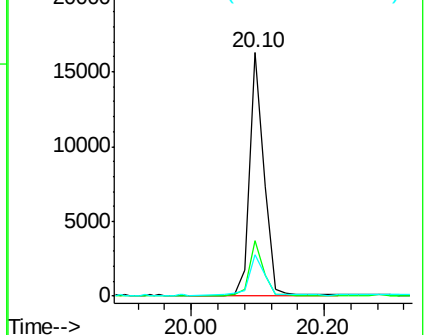
203 14.0 13.8 20.8

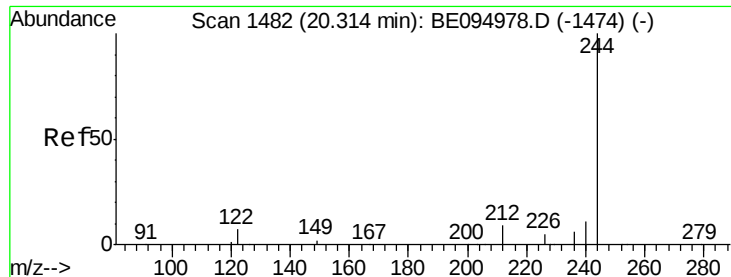


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.421 ng

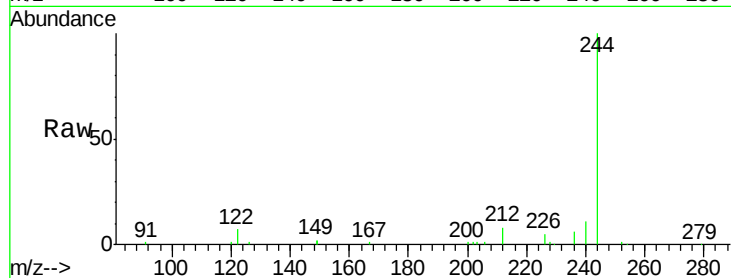
RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

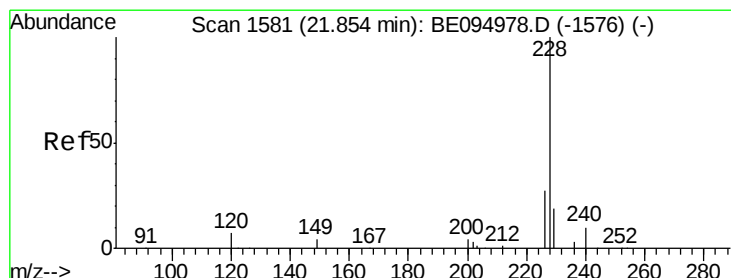
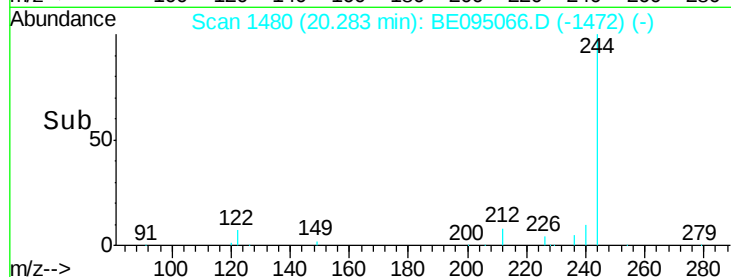
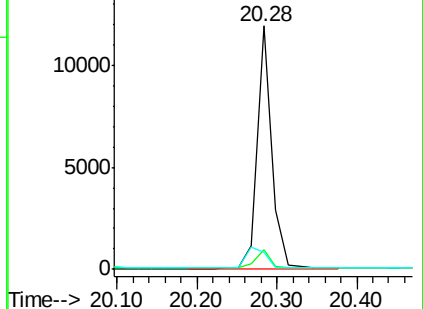
Tgt Ion:	244	Resp:	15175
Ion	Ratio	Lower	Upper
244	100		
212	8.3	25.4	38.0#
122	7.2	8.1	12.1#



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



#30

Benzo(a)anthracene

Concen: 0.395 ng

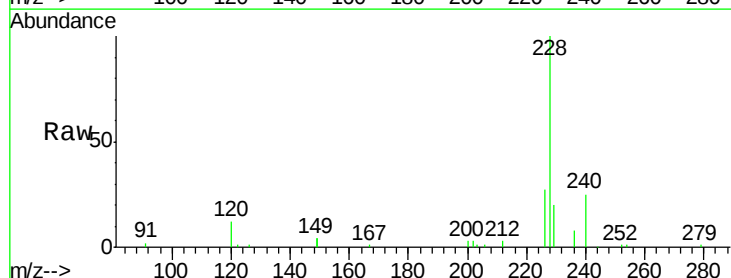
RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

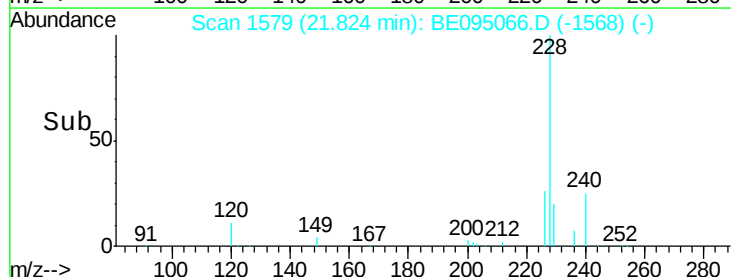
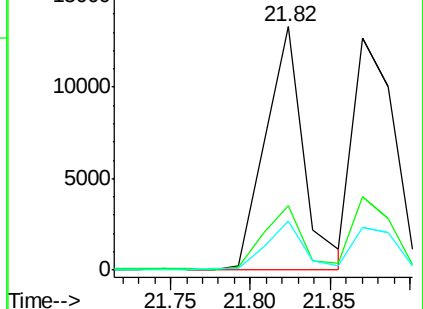
Tgt Ion:	228	Resp:	22074
Ion	Ratio	Lower	Upper
228	100		
226	26.7	40.0	60.0#
229	20.4	40.0	60.0#

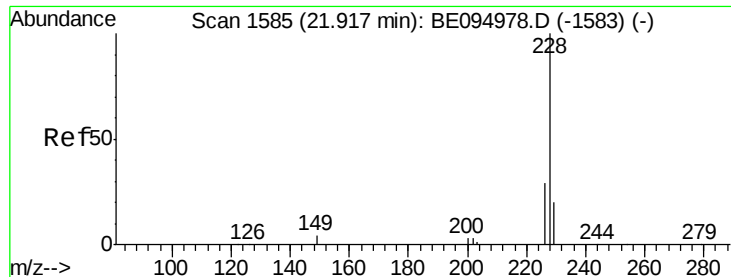


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

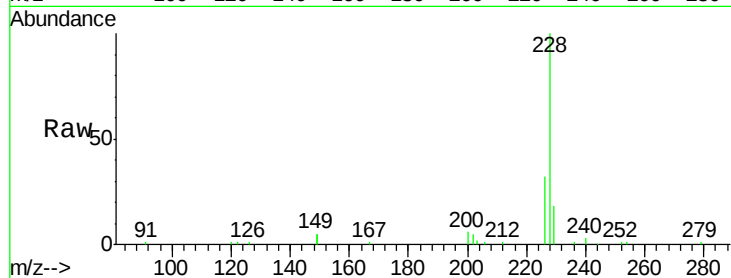
Tgt Ion: 228 Resp: 25059

Ion Ratio Lower Upper

228 100

226 31.6 40.0 60.0#

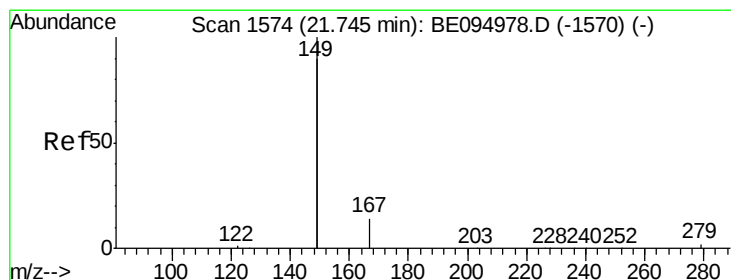
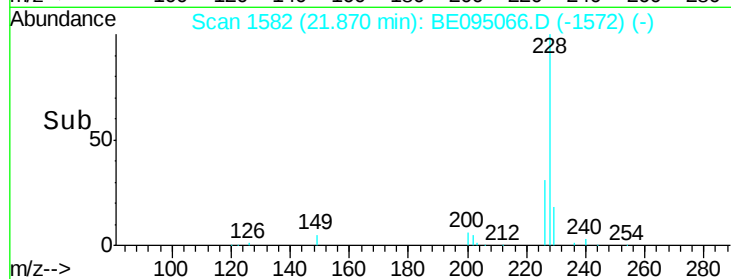
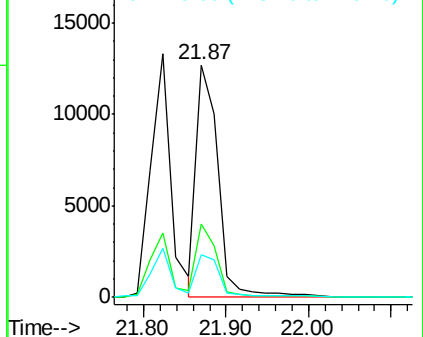
229 18.2 40.0 60.0#



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: 0.330 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

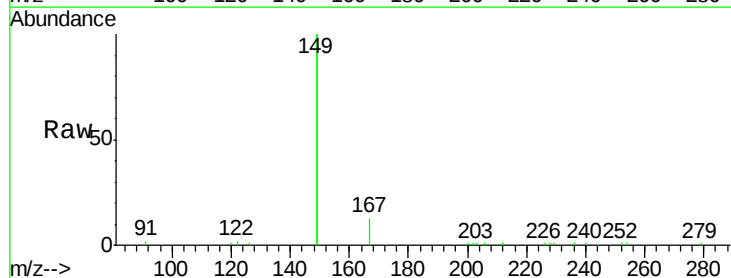
Tgt Ion: 149 Resp: 23538

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

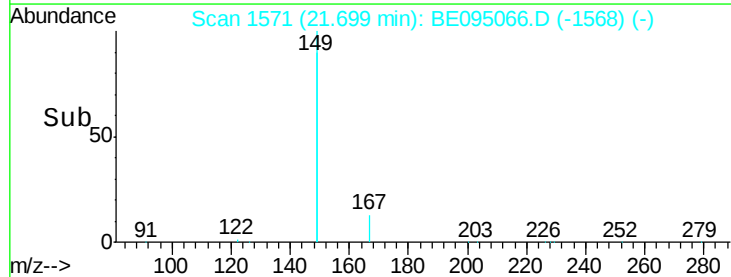
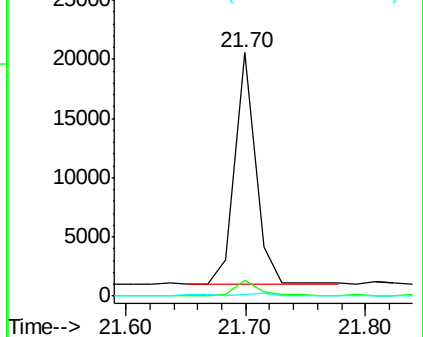
279 0.8 0.7 1.1

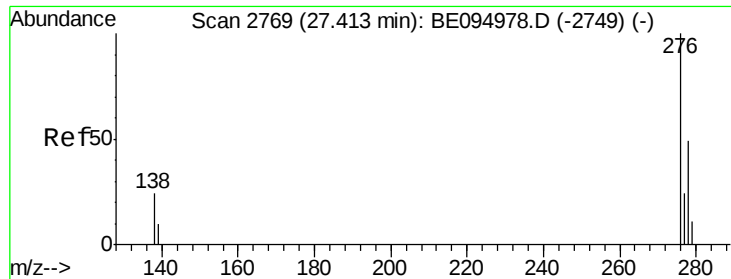


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.331 ng

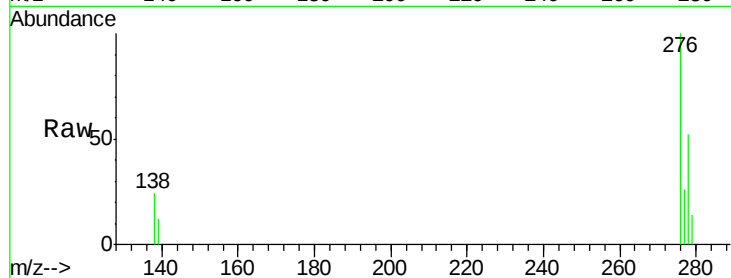
RT: 27.33 min Scan# 2751

Delta R.T. -0.08 min

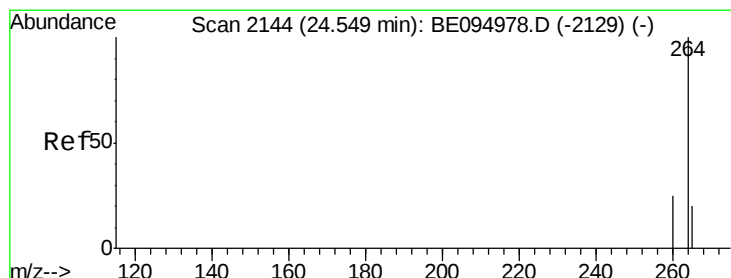
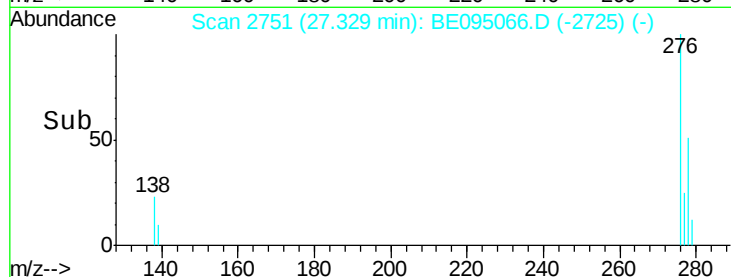
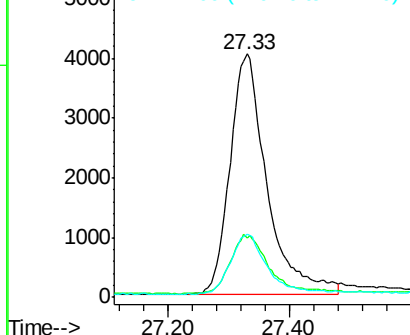
Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

Tgt Ion:	276	Resp:	16983
Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.5	33.7
277	24.3	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

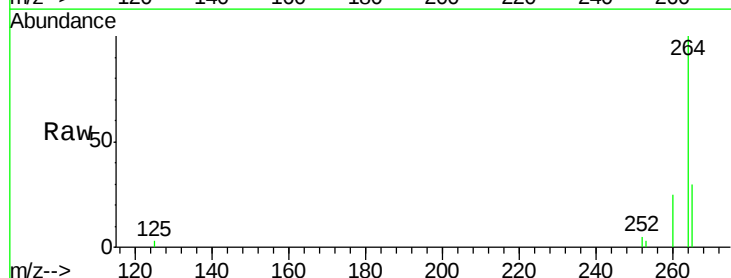
RT: 24.49 min Scan# 2132

Delta R.T. -0.05 min

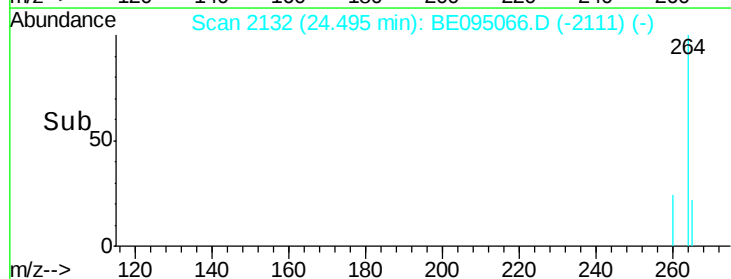
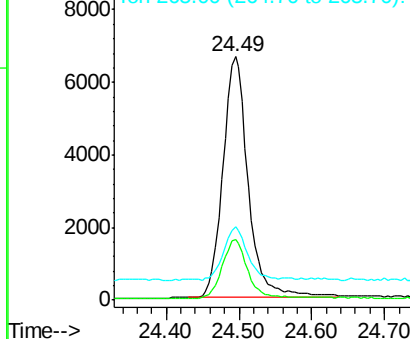
Lab File: BE095066.D

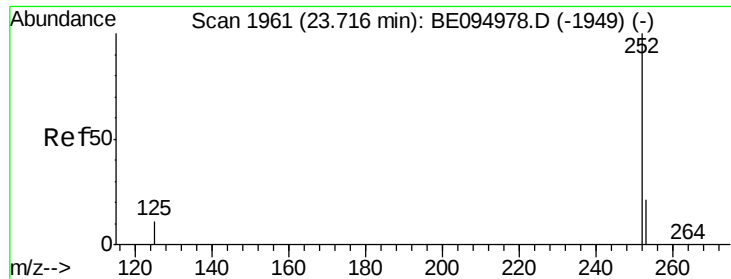
Acq: 10 Jan 2018 10:59

Tgt Ion:	264	Resp:	16171
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	30.2	22.8	34.2



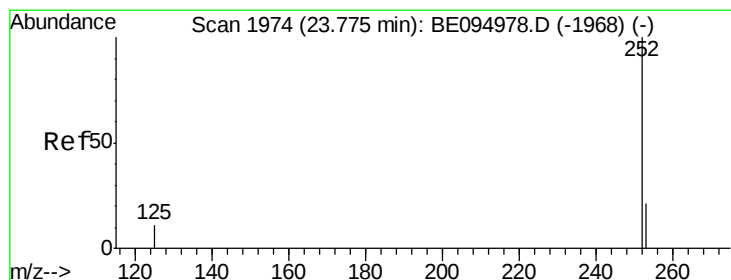
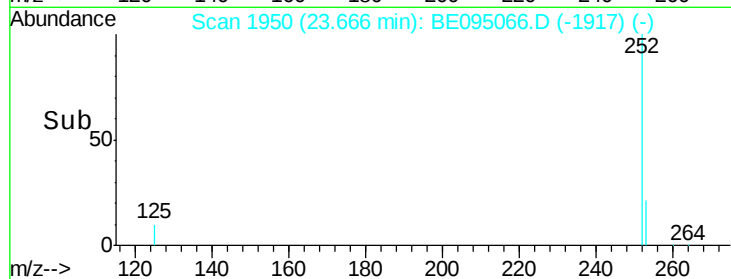
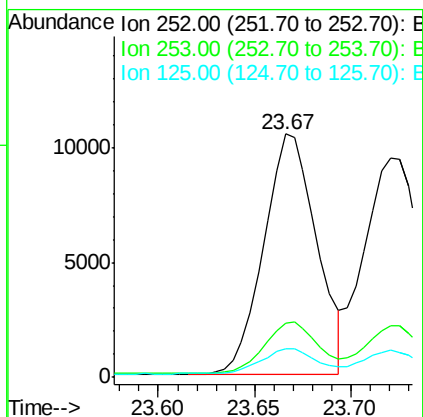
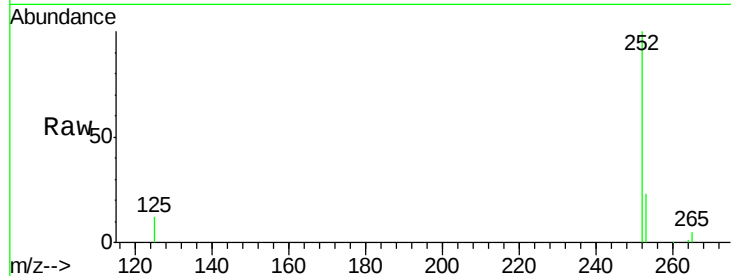
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





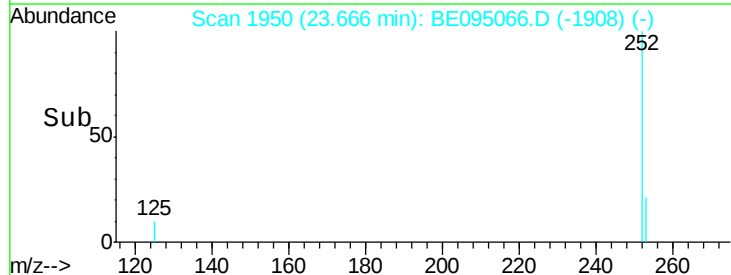
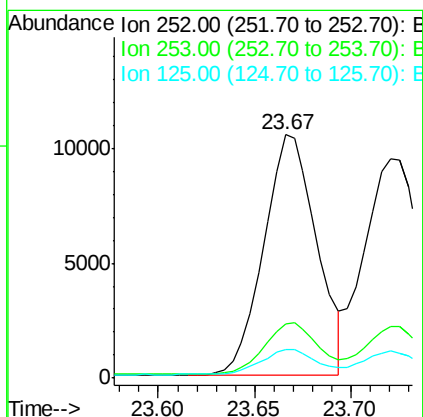
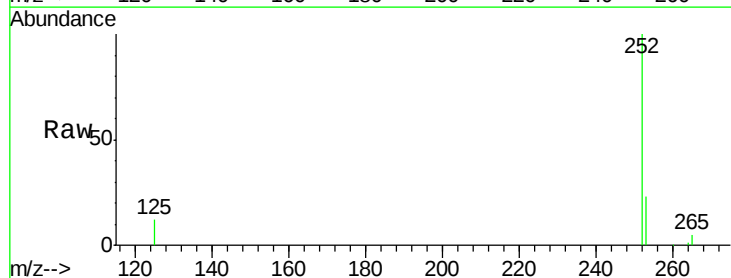
#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE095066.D
Acq: 10 Jan 2018 10:59

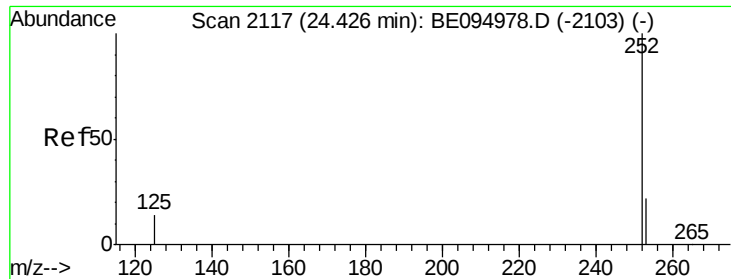
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	11.7	16.0	24.0



#36
Benzo(k)fluoranthene
Concen: 0.333 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.11 min
Lab File: BE095066.D
Acq: 10 Jan 2018 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.0	24.0
125	11.7	8.0	12.0





#37

Benzo(a)pyrene

Concen: 0.344 ng

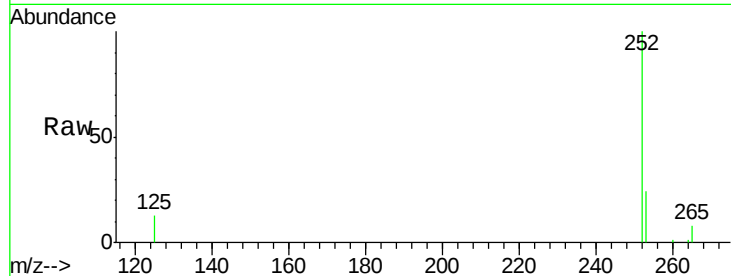
RT: 24.37 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

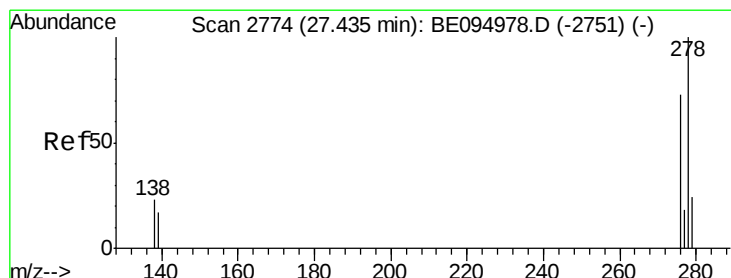
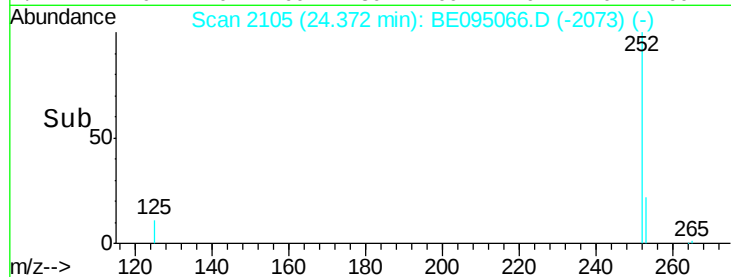
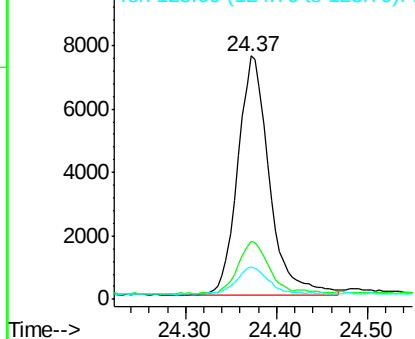
Tgt Ion:	252	Resp:	18105
Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	13.1	12.0	18.0



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: 0.259 ng

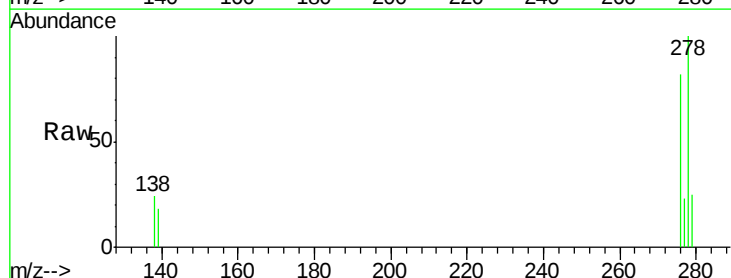
RT: 27.35 min Scan# 2756

Delta R.T. -0.08 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

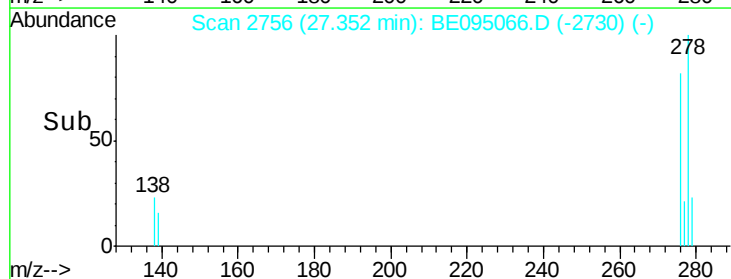
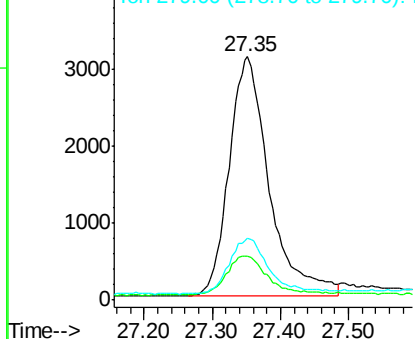
Tgt Ion:	278	Resp:	12670
Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.0	24.0
279	25.3	20.0	30.0

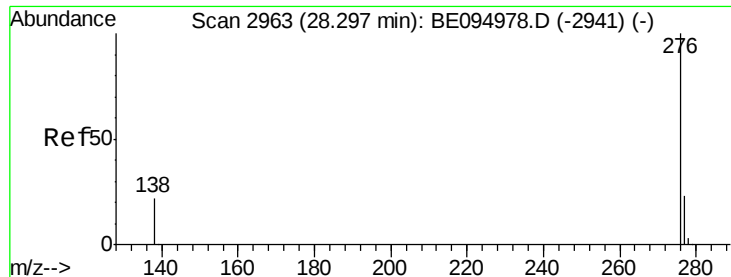


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.350 ng

RT: 28.20 min Scan# 2943

Delta R.T. -0.09 min

Lab File: BE095066.D

Acq: 10 Jan 2018 10:59

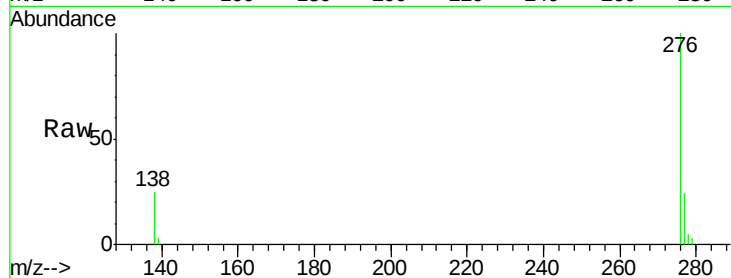
Tgt Ion: 276 Resp: 17023

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 24.7 20.0 30.0



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

