

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094194.D
 Acq On : 7 Oct 2017 00:19
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 07 01:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1192	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6019	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3716	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9689	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9754	0.40	ng	0.00
34) Perylene-d12	23.90	264	9013	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1627	0.41	ng	0.00
5) Phenol-d6	7.09	99	2410	0.42	ng	0.00
8) Nitrobenzene-d5	9.04	82	2024	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	3738	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	681	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4970	0.39	ng	0.00
25) Fluoranthene-d10	19.26	212	42284	0.44	ng	0.00
29) Terphenyl-d14	19.84	244	7422	0.40	ng	0.00

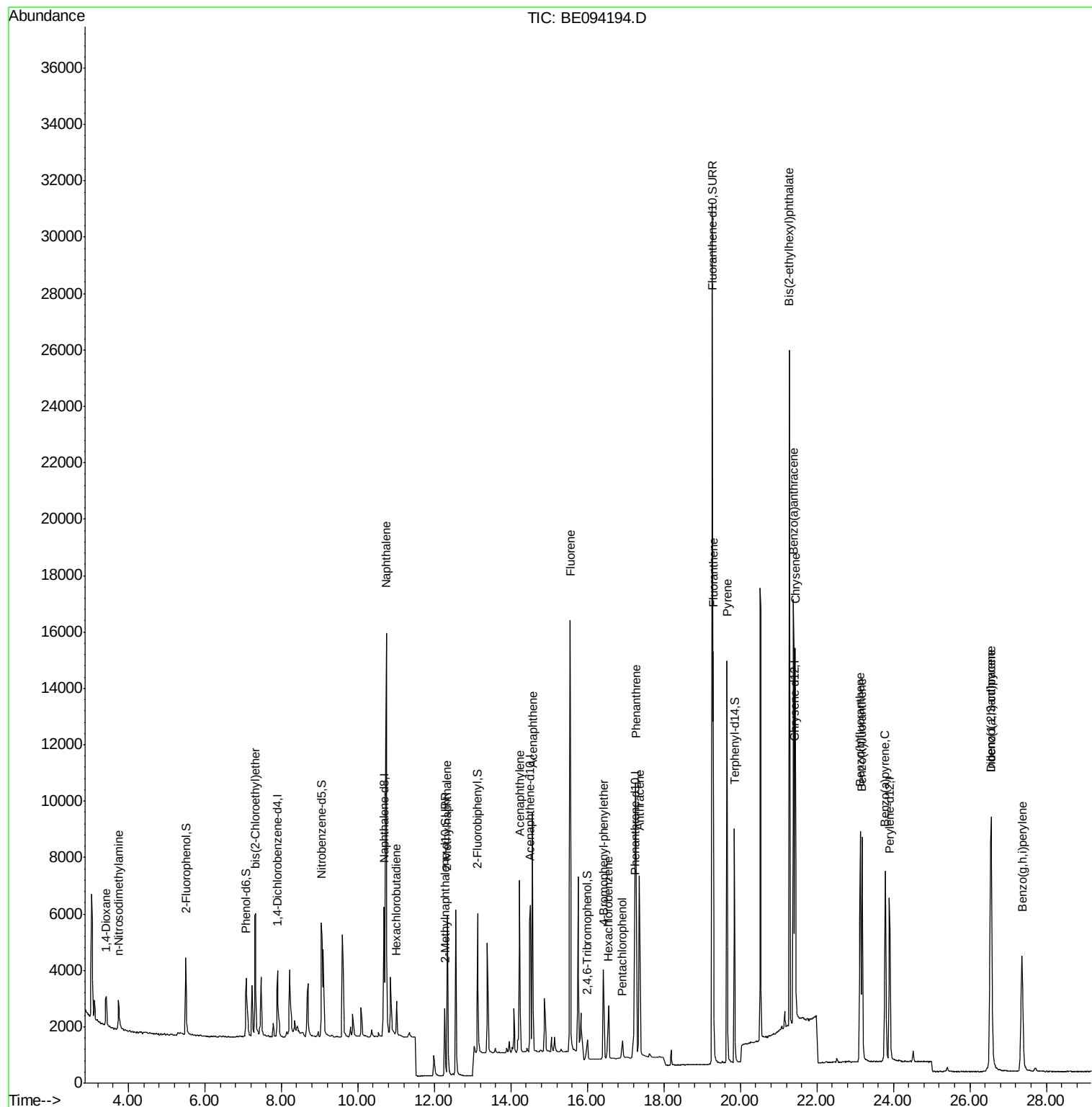
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	860	0.398	ng	90
3) n-Nitrosodimethylamine	3.74	42	944	0.408	ng	# 98
6) bis(2-Chloroethyl)ether	7.33	93	1923	0.411	ng	97
9) Naphthalene	10.74	128	26906	0.397	ng	100
10) Hexachlorobutadiene	11.01	225	1041	0.405	ng	97
12) 2-Methylnaphthalene	12.34	142	4513	0.405	ng	98
16) Acenaphthylene	14.23	152	7514	0.399	ng	99
17) Acenaphthene	14.57	154	4894	0.394	ng	97
18) Fluorene	15.55	166	6570	0.404	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2578	0.462	ng	# 76
21) Hexachlorobenzene	16.55	284	2511	0.501	ng	# 65
22) Pentachlorophenol	16.91	266	634	0.466	ng	# 77
23) Phenanthrene	17.27	178	15096	0.450	ng	98
24) Anthracene	17.37	178	9983	0.390	ng	98
26) Fluoranthene	19.29	202	12844	0.436	ng	100
28) Pyrene	19.65	202	13420	0.400	ng	99
30) Benzo(a)anthracene	21.38	228	12236	0.382	ng	99
31) Chrysene	21.44	228	12711	0.402	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	29103	0.394	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	12288	0.391	ng	99
35) Benzo(b)fluoranthene	23.13	252	11806	0.389	ng	99
36) Benzo(k)fluoranthene	23.18	252	12074	0.392	ng	99
37) Benzo(a)pyrene	23.79	252	11393	0.398	ng	100
38) Dibenzo(a,h)anthracene	26.55	278	10433	0.393	ng	98
39) Benzo(g,h,i)perylene	27.36	276	10596	0.390	ng	98

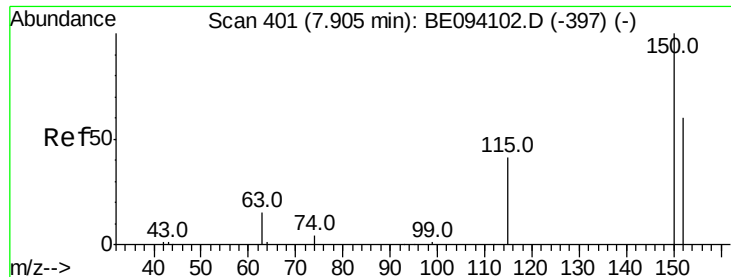
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

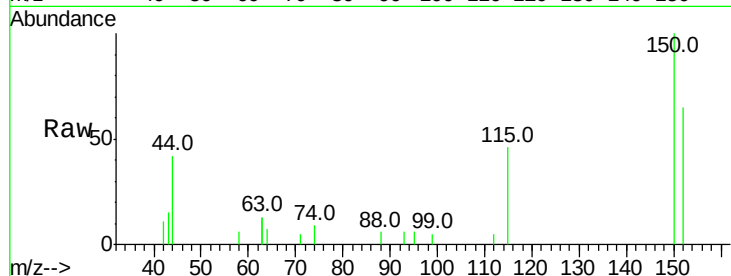
Tot Ion:152 Resp: 1192

Ion Ratio Lower Upper

152 100

150 153.3 117.2 175.8

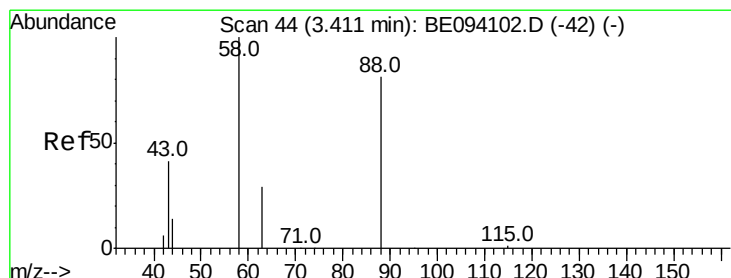
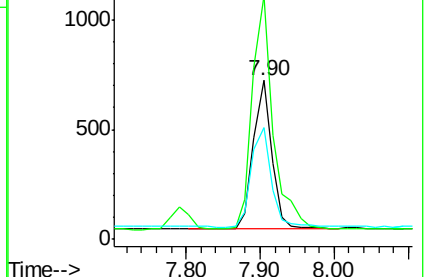
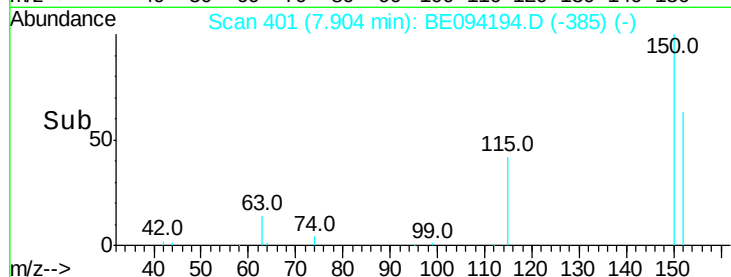
115 70.3 57.0 85.6



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: 0.398 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

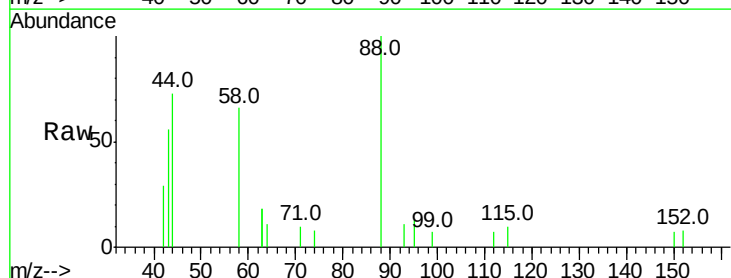
Tgt Ion: 88 Resp: 860

Ion Ratio Lower Upper

88 100

58 90.2 63.2 94.8

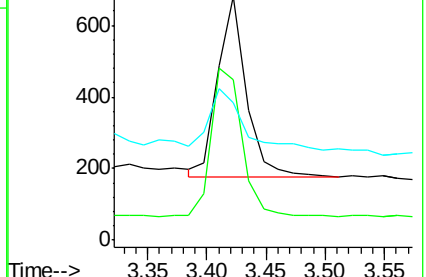
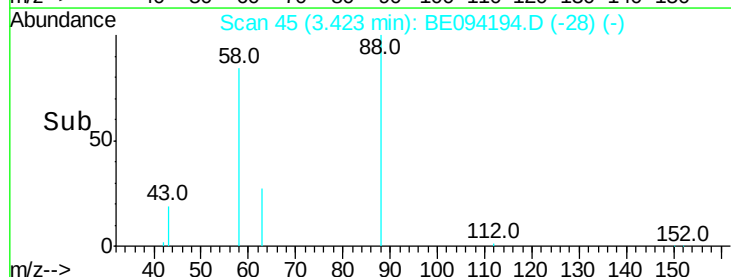
43 55.8 41.2 61.8

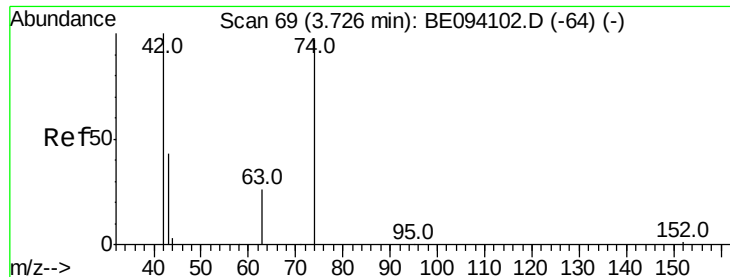


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



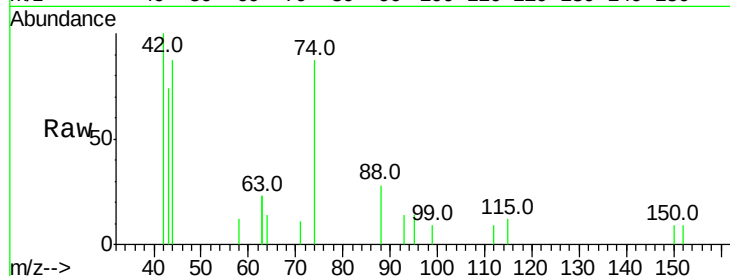


#3

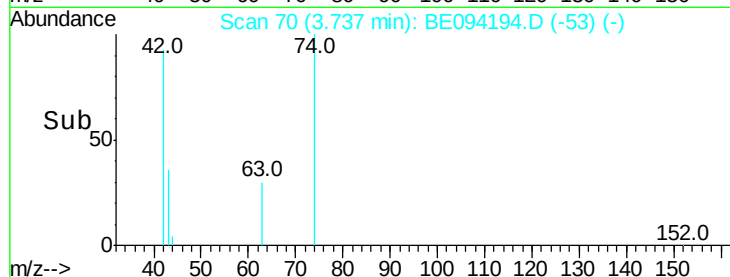
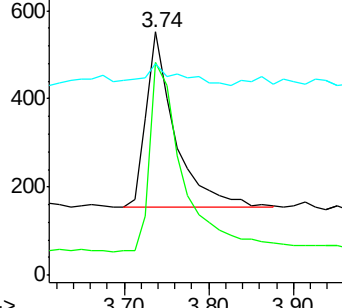
n-Nitrosodimethylamine
 Concen: 0.408 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: BE094194.D
 Acq: 7 Oct 2017 00:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 944
 Ion Ratio Lower Upper
 42 100
 74 125.1 100.3 150.5
 44 14.3 17.0 25.4#



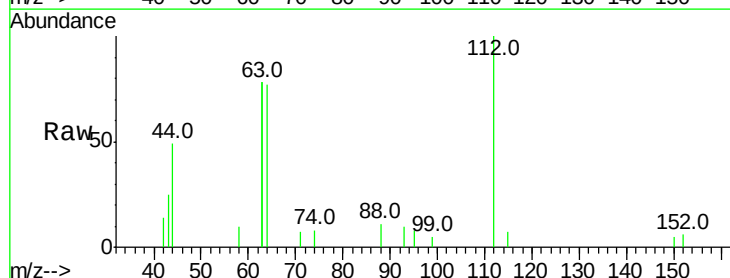
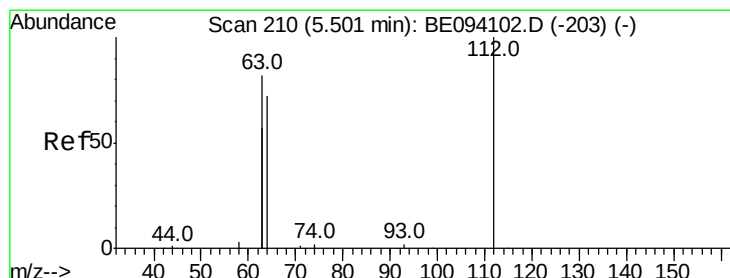
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



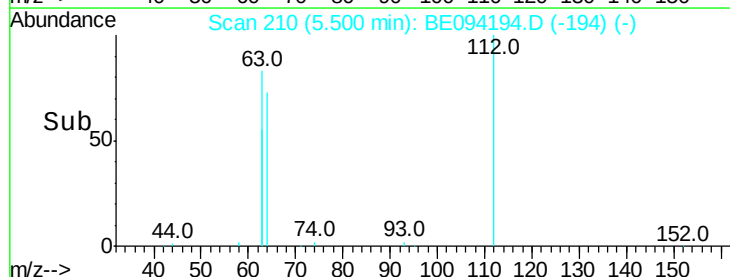
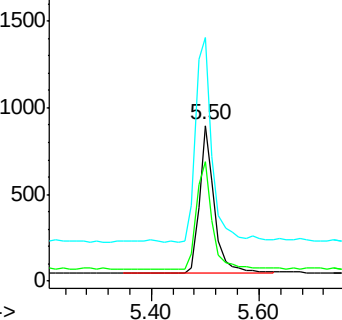
#4

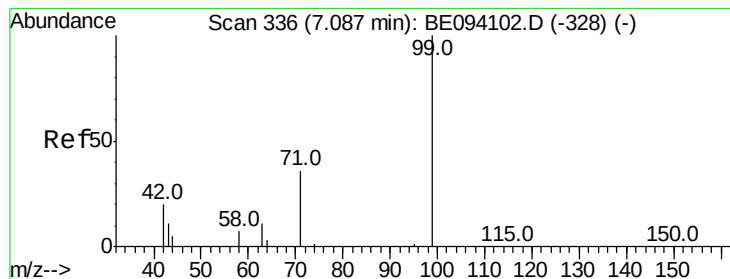
2-Fluorophenol
 Concen: 0.410 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094194.D
 Acq: 7 Oct 2017 00:19

Tgt Ion: 112 Resp: 1627
 Ion Ratio Lower Upper
 112 100
 64 79.0 60.1 90.1
 63 151.8 116.8 175.2



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: 0.419 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

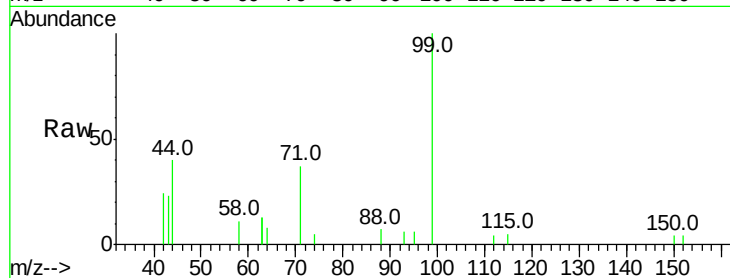
Tot Ion: 99 Resp: 2410

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

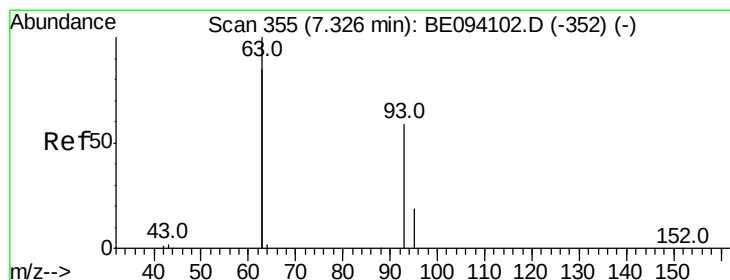
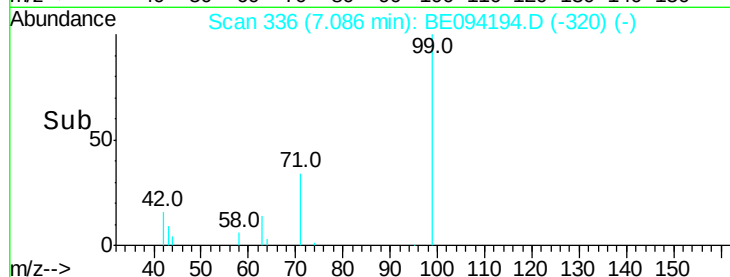
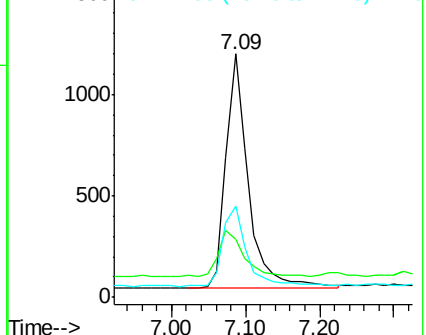
71 37.5 28.4 42.6



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: 0.411 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

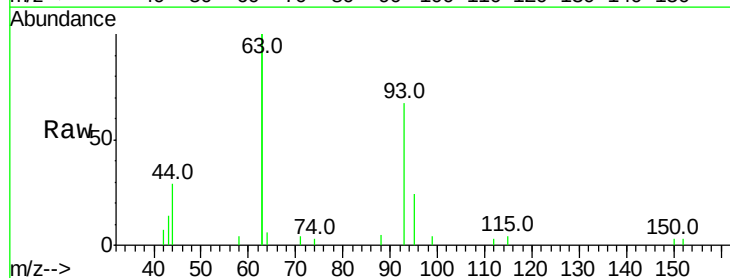
Tgt Ion: 93 Resp: 1923

Ion Ratio Lower Upper

93 100

63 338.4 275.3 412.9

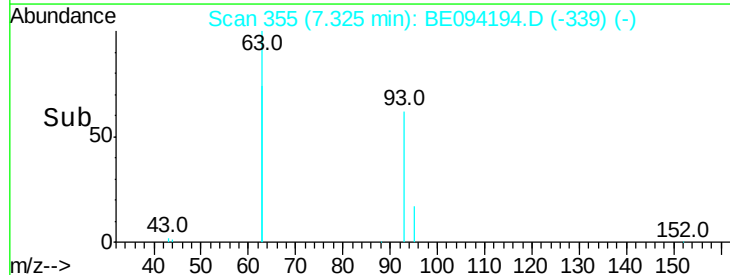
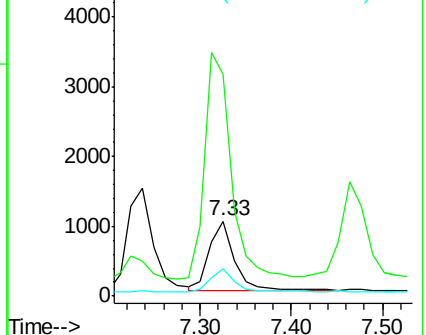
95 30.1 25.2 37.8

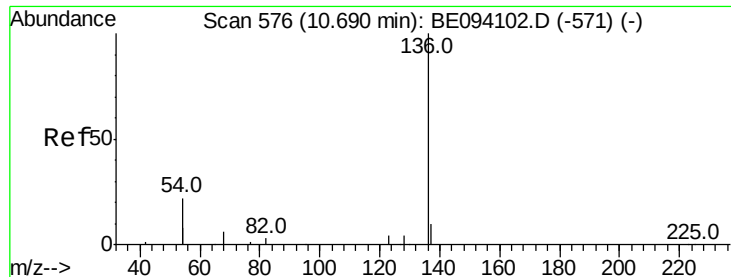


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6019

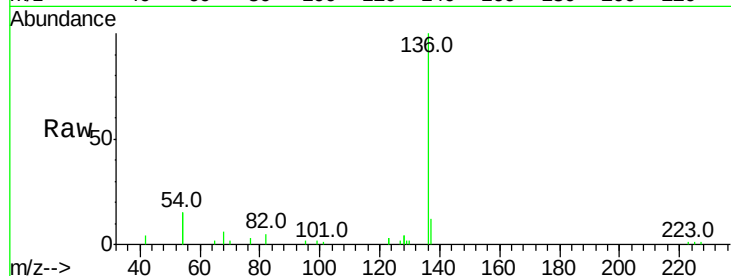
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 30.2 29.1 43.7

68 6.4 6.2 9.2

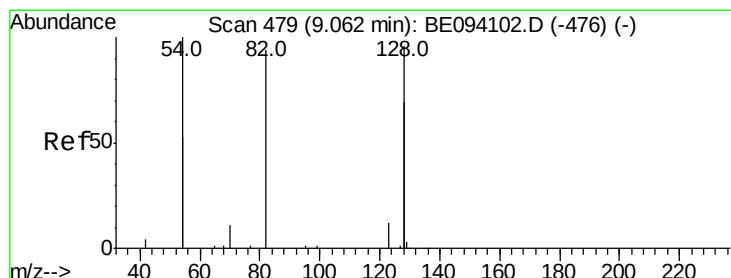
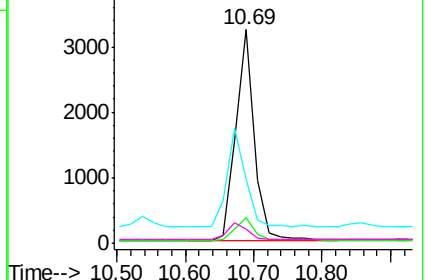
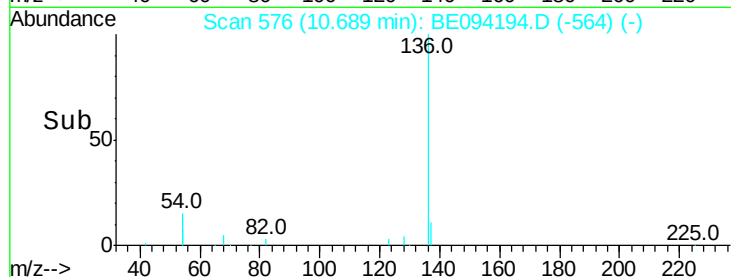


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

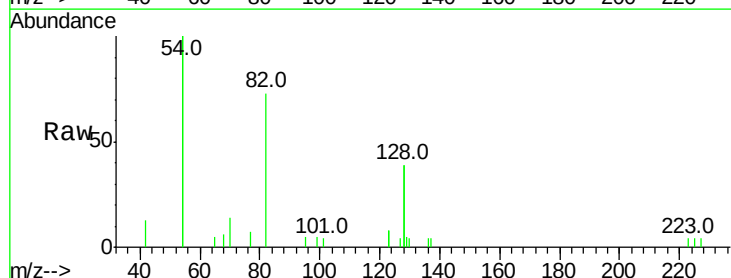
Tgt Ion: 82 Resp: 2024

Ion Ratio Lower Upper

82 100

128 108.1 150.0 225.0#

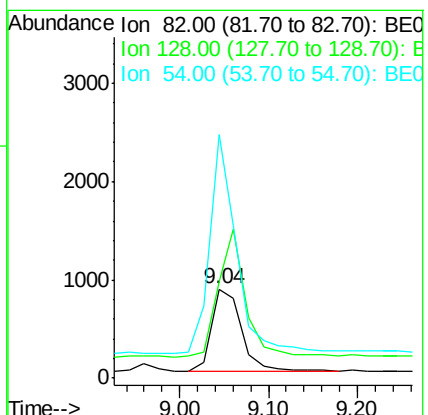
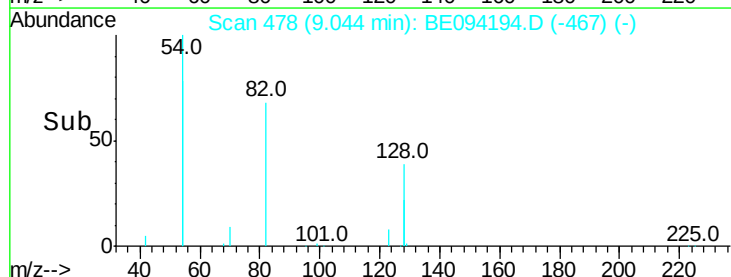
54 273.8 154.2 231.4#

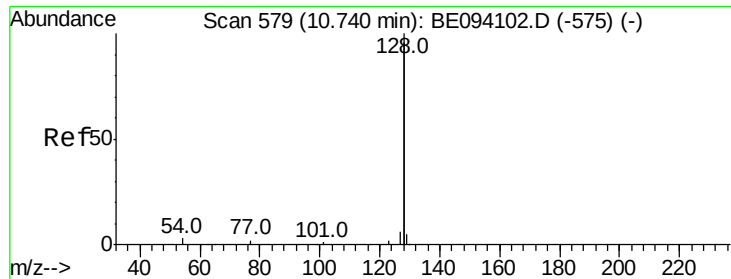


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

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ClientSampleId :

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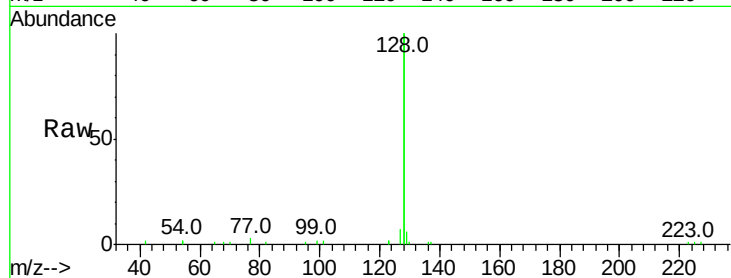
Tot Ion:128 Resp: 26906

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

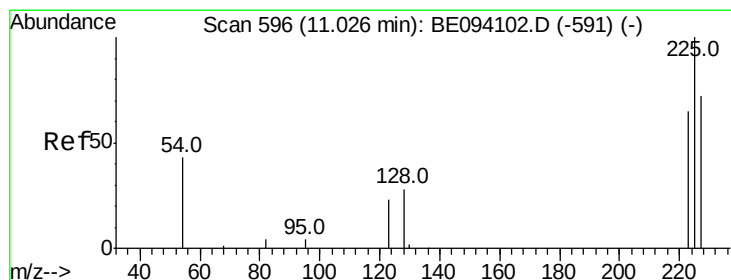
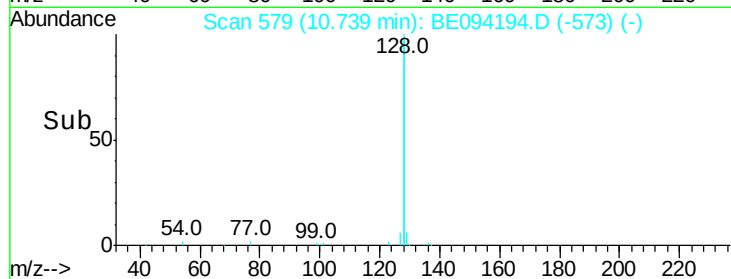
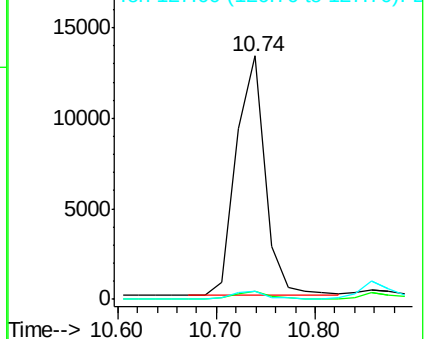
127 3.3 2.8 4.2



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: 0.405 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

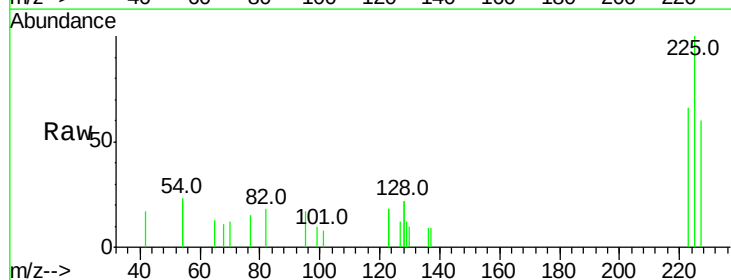
Tgt Ion:225 Resp: 1041

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

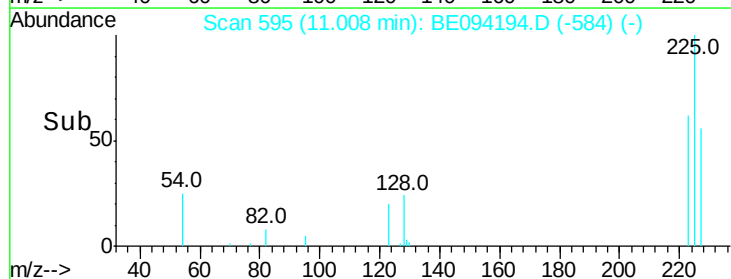
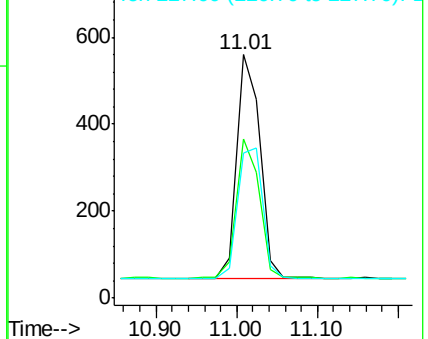
227 63.4 51.4 77.2

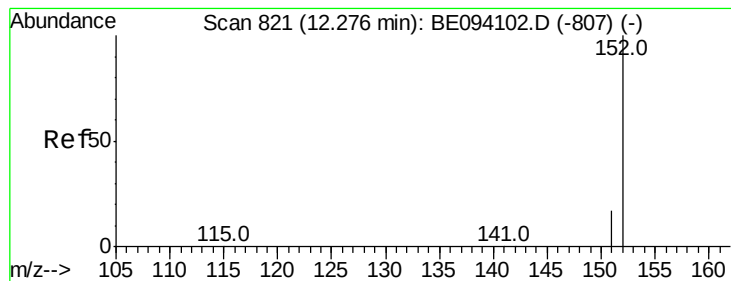


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

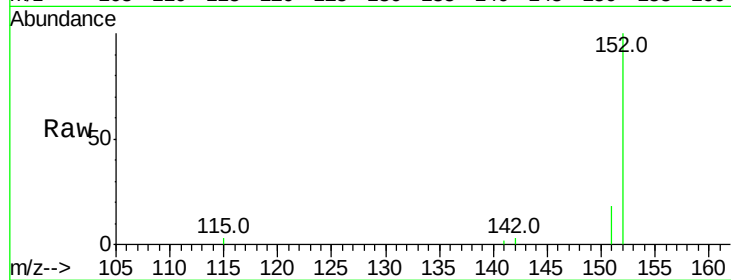
SSTDCCC0.4EC

Tot Ion:152 Resp: 3738

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

2500

2000

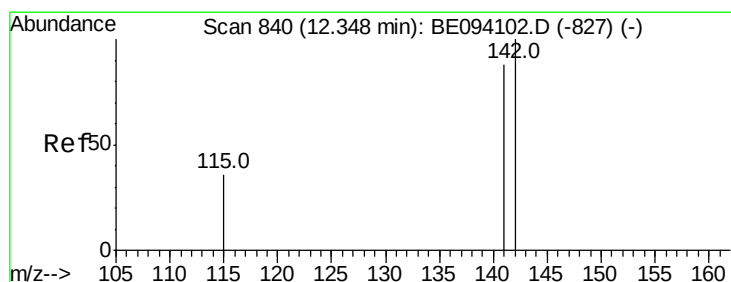
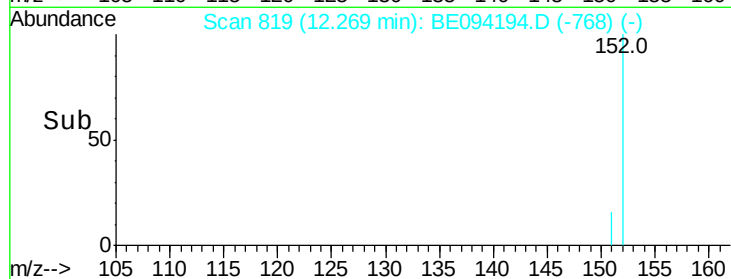
1500

1000

500

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

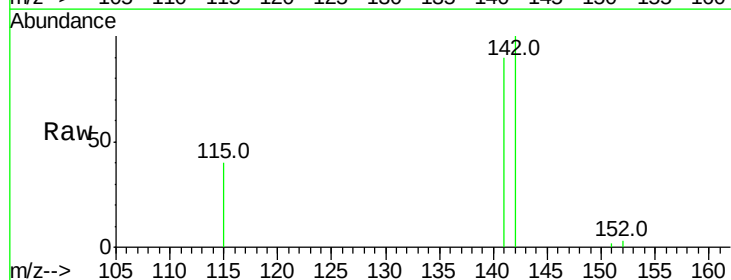
Tgt Ion:142 Resp: 4513

Ion Ratio Lower Upper

142 100

141 90.2 70.4 105.6

115 39.7 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

12.34

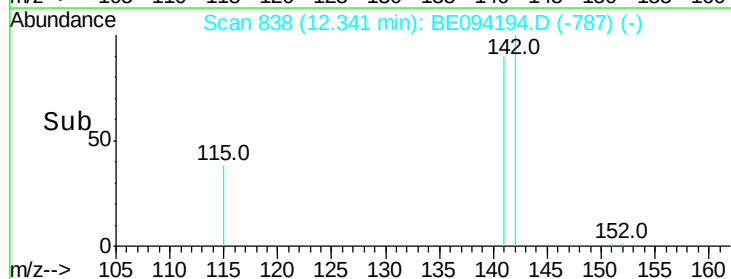
3000

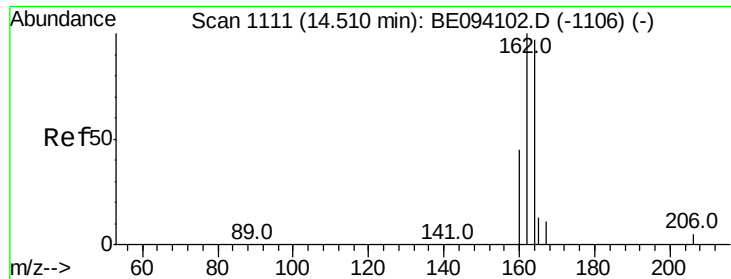
2000

1000

0

Time--> 12.30 12.40 12.50





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

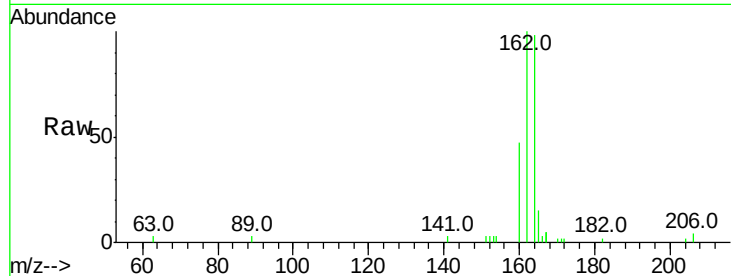
Tot Ion:164 Resp: 3716

Ion Ratio Lower Upper

164 100

162 101.7 83.1 124.7

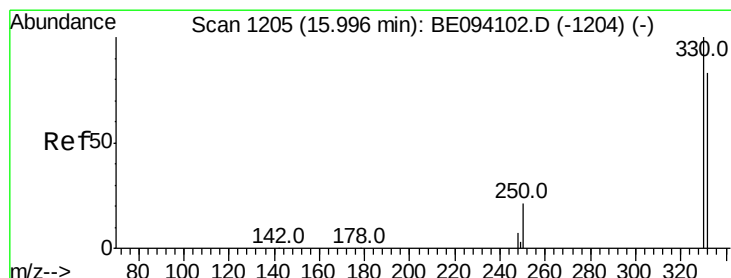
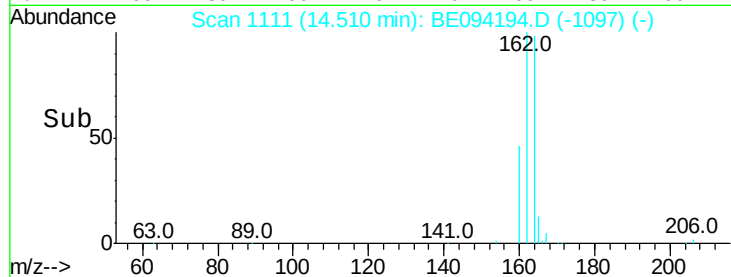
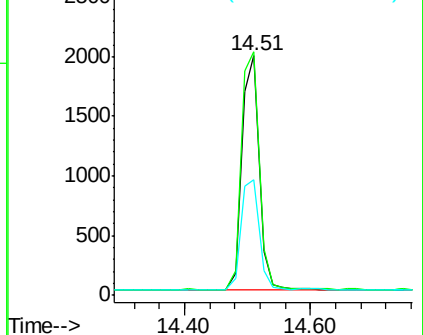
160 48.1 37.1 55.7



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: 0.422 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

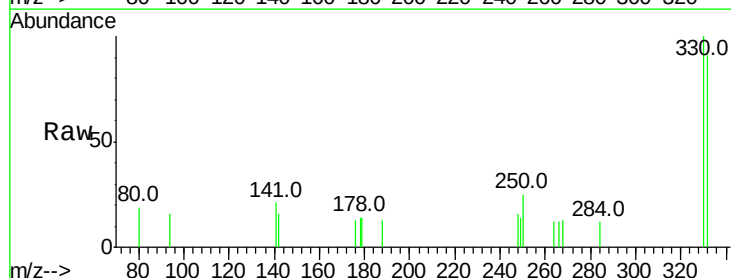
Tgt Ion:330 Resp: 681

Ion Ratio Lower Upper

330 100

332 91.6 152.7 229.1#

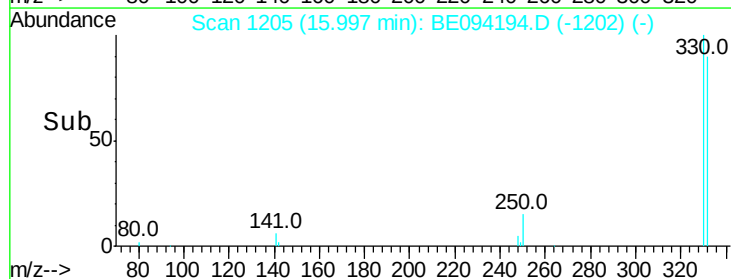
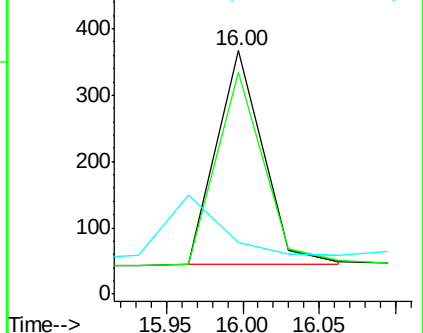
141 0.0 33.7 50.5#

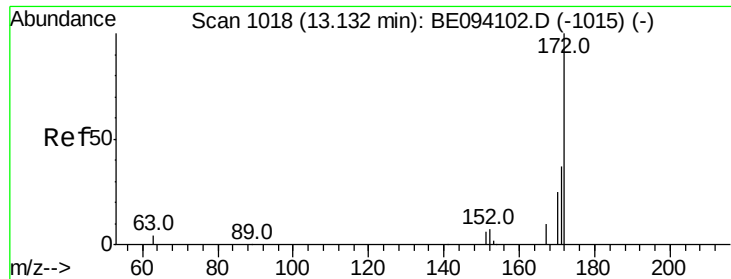


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

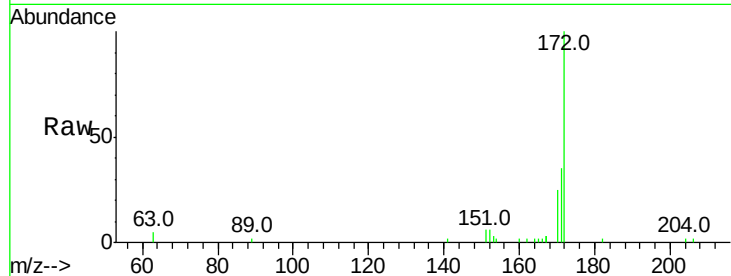




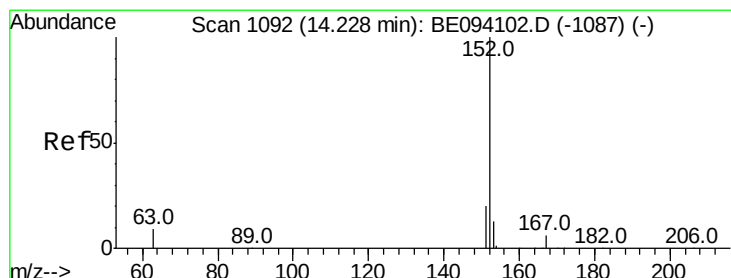
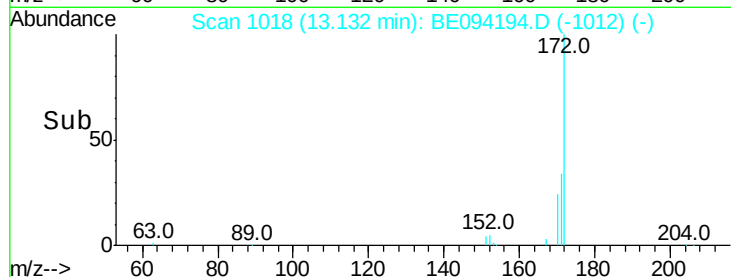
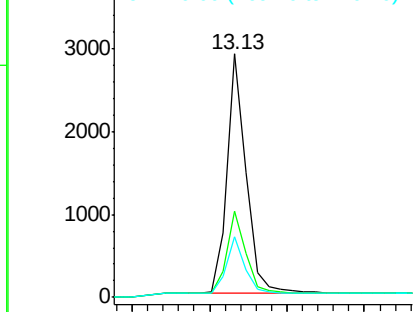
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4970
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 24.9 21.8 32.8

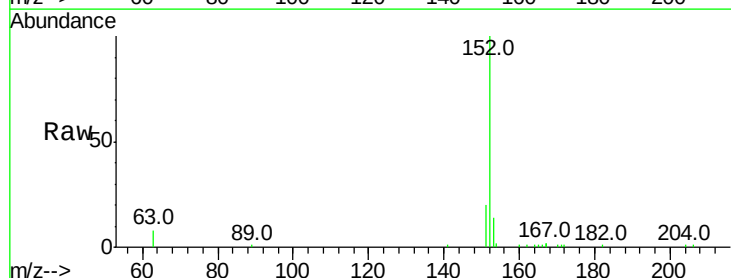


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

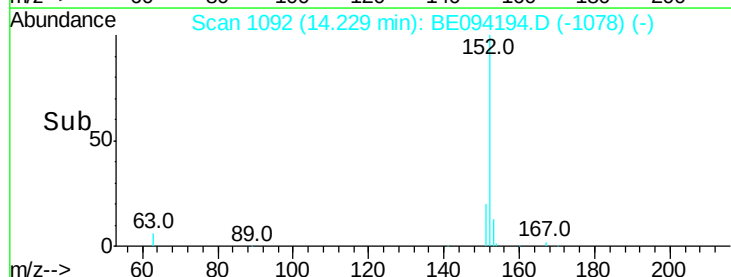
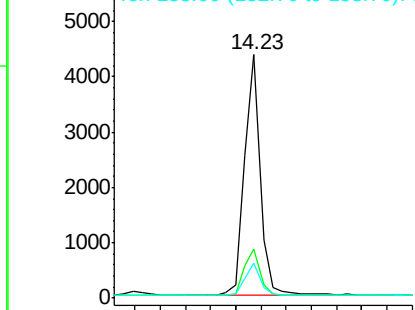


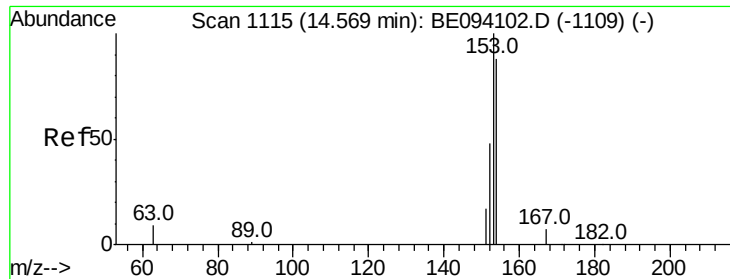
#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:152 Resp: 7514
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 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: 0.394 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

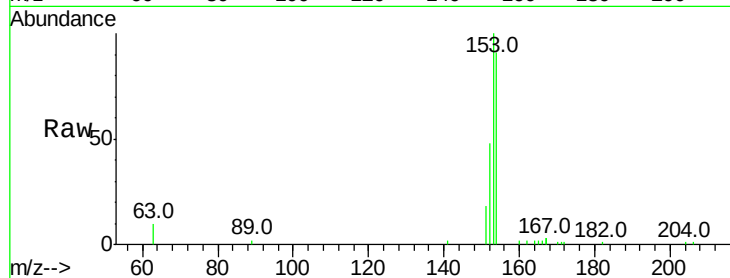
Tot Ion:154 Resp: 4894

Ion Ratio Lower Upper

154 100

153 114.9 89.2 133.8

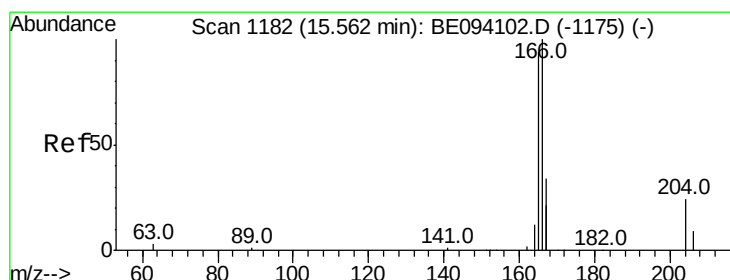
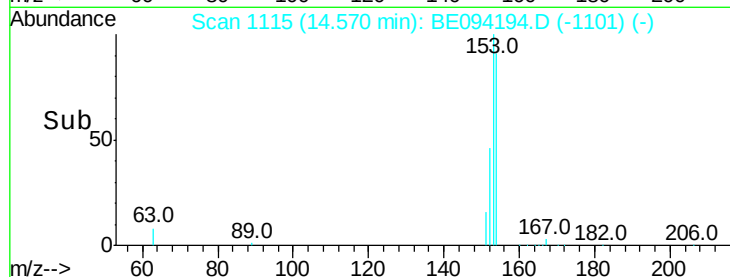
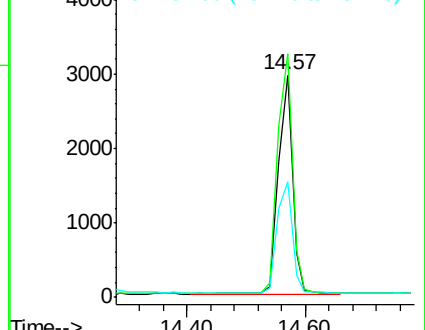
152 54.5 42.0 63.0



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: 0.404 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

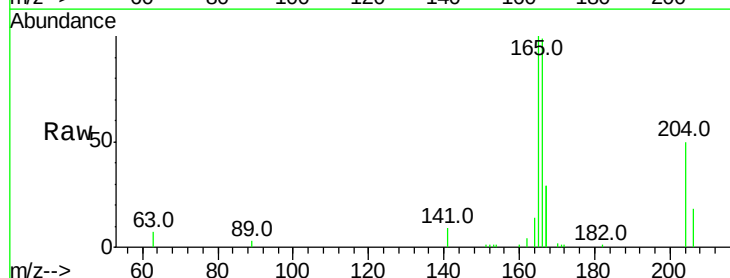
Tgt Ion:166 Resp: 6570

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

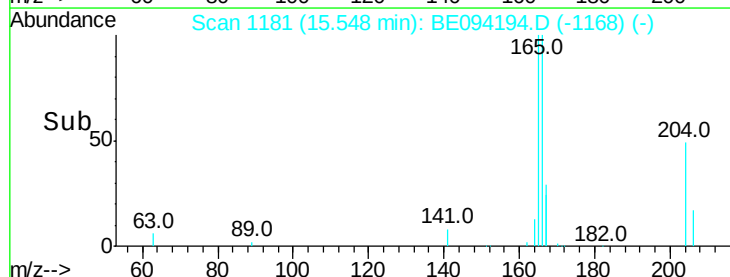
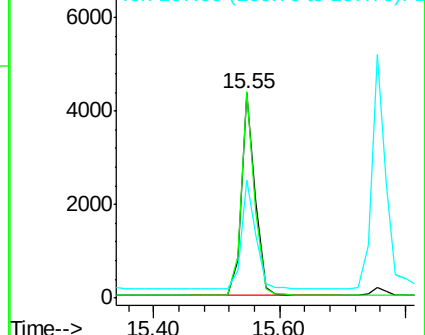
167 54.5 42.4 63.6

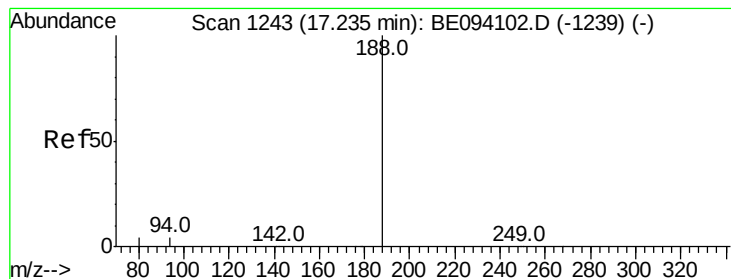


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

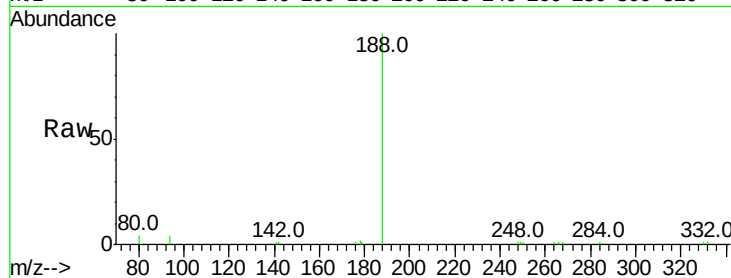
Tot Ion:188 Resp: 9689

Ion Ratio Lower Upper

188 100

94 4.1 3.9 5.9

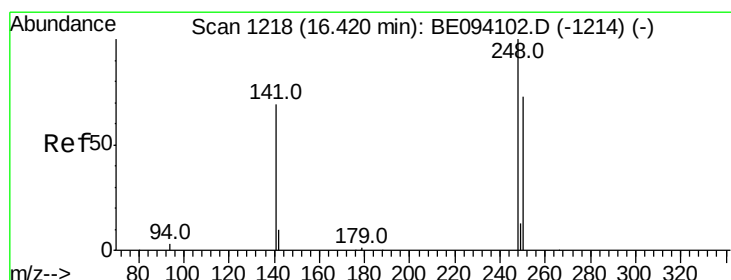
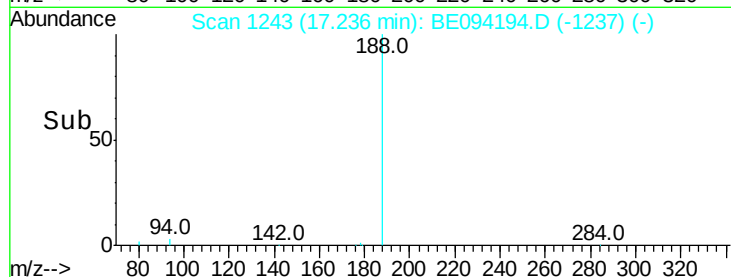
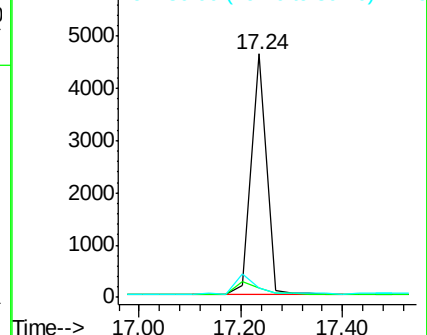
80 3.7 3.6 5.4



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: 0.462 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

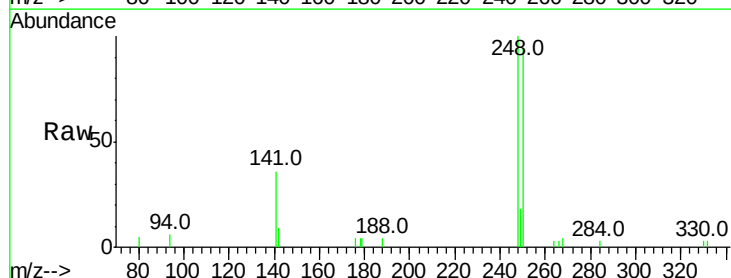
Tgt Ion:248 Resp: 2578

Ion Ratio Lower Upper

248 100

250 94.0 62.7 94.1

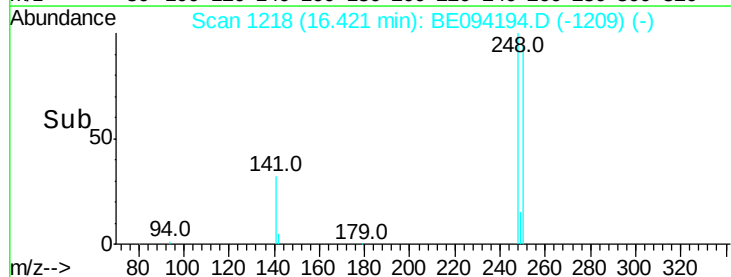
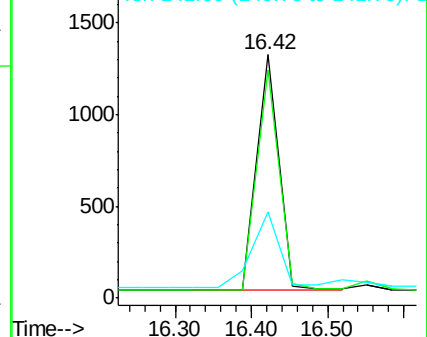
141 35.6 48.2 72.2#

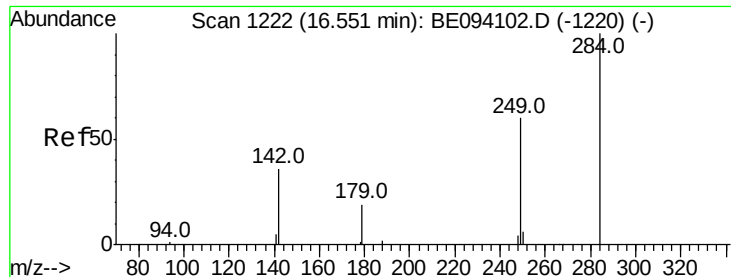


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

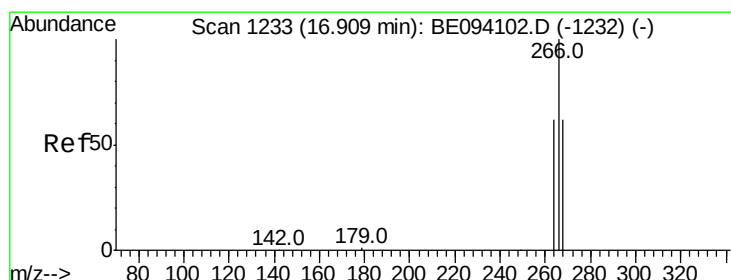
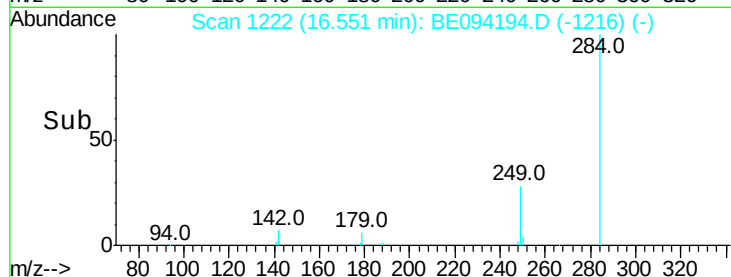
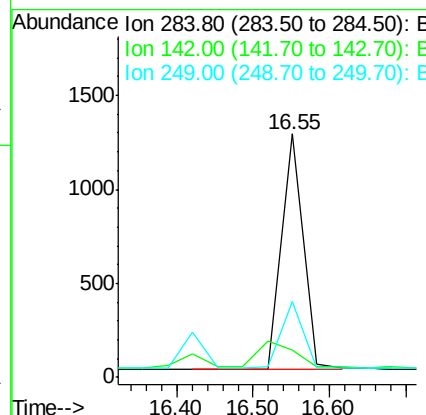
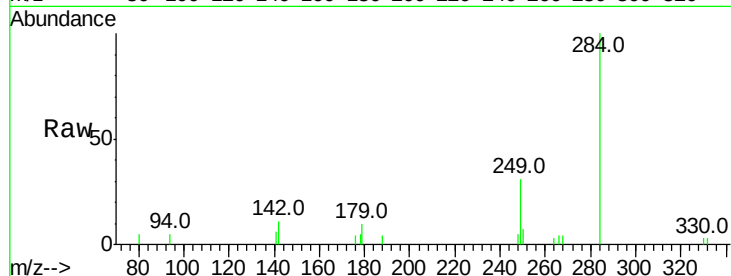




#21
Hexachlorobenzene
Concen: 0.501 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

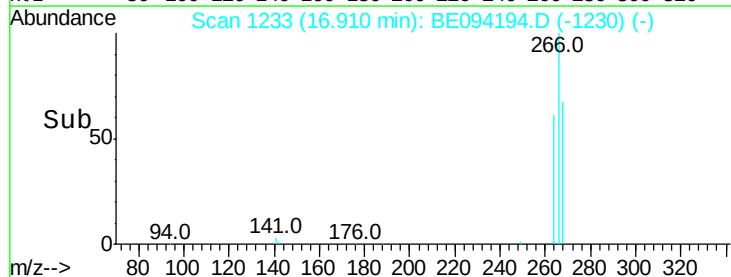
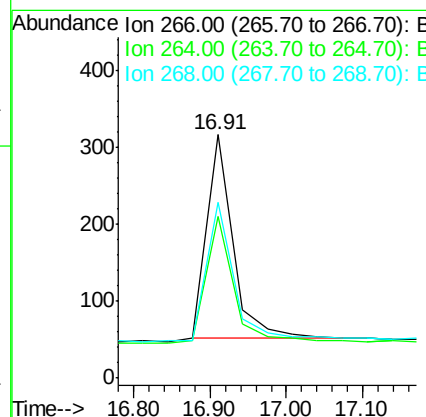
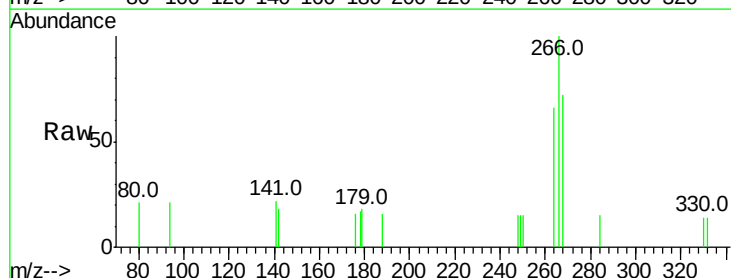
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

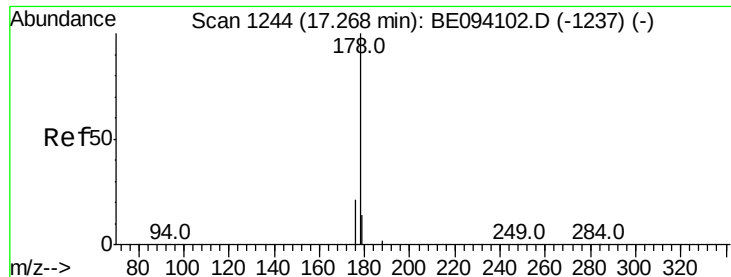
Tot Ion:284 Resp: 2511
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 28.6 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.466 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:266 Resp: 634
Ion Ratio Lower Upper
266 100
264 66.2 72.5 108.7#
268 71.9 73.8 110.6#





#23

Phenanthrene

Concen: 0.450 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

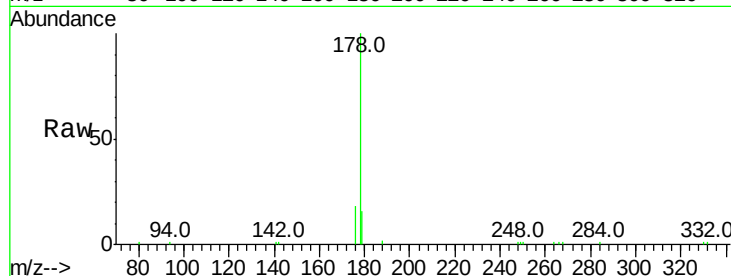
Tot Ion:178 Resp: 15096

Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

179 15.5 11.8 17.6

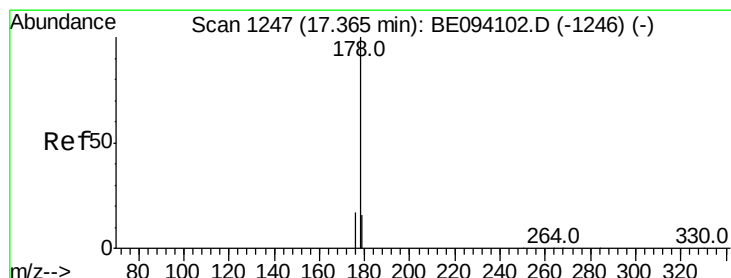
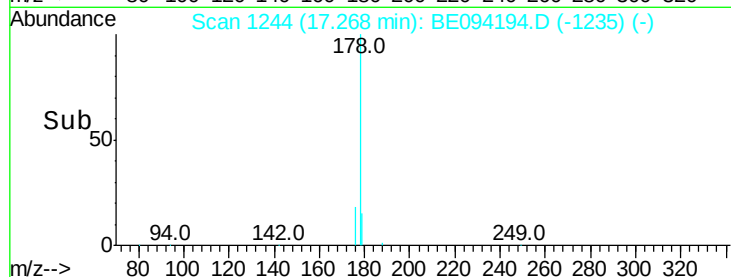
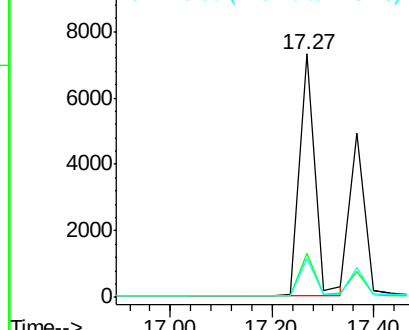


Abundance Ion 178.00 (177.70 to 178.70): E

10000

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.390 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

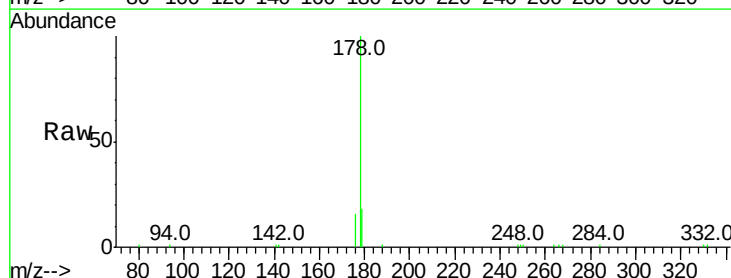
Tgt Ion:178 Resp: 9983

Ion Ratio Lower Upper

178 100

176 15.1 12.8 19.2

179 17.1 13.0 19.6

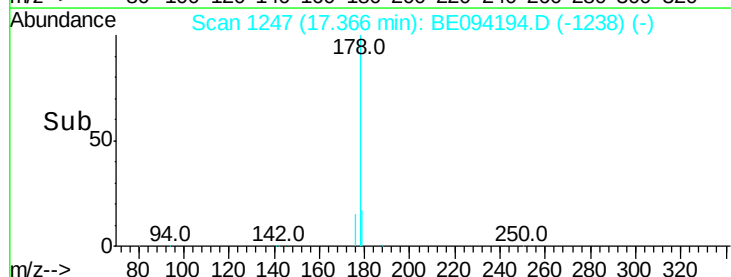
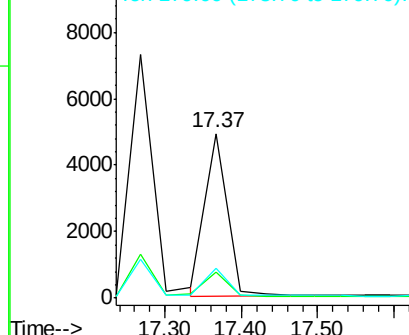


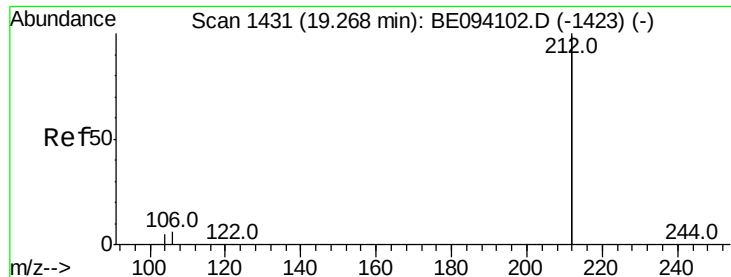
Abundance Ion 178.00 (177.70 to 178.70): E

10000

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.26 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

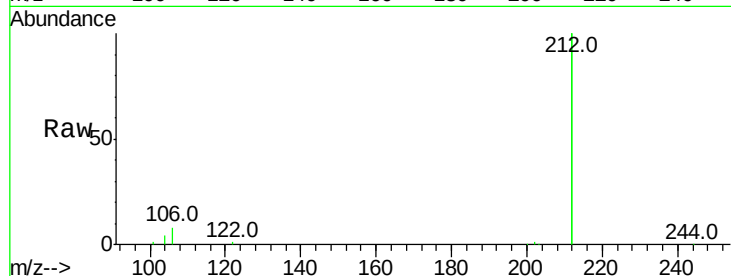
Tot Ion:212 Resp: 42284

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

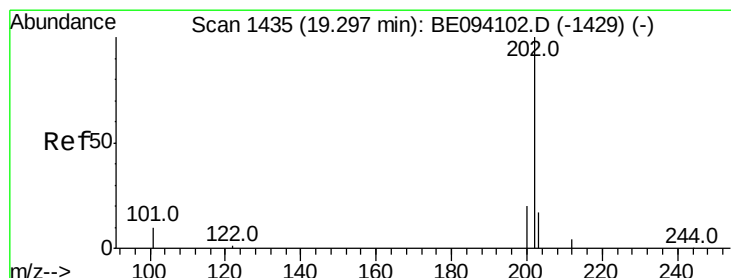
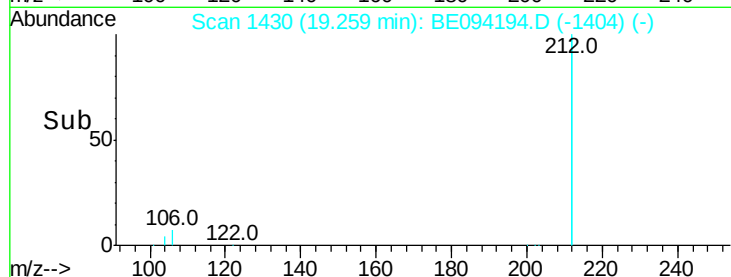
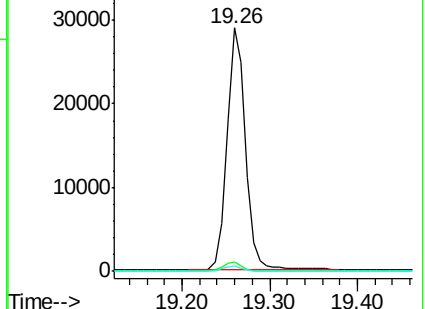
104 2.0 1.6 2.4



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: 0.436 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

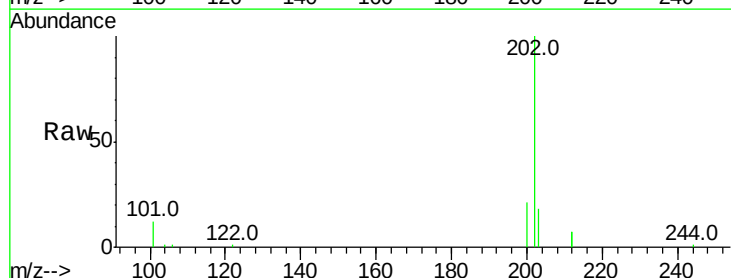
Tgt Ion:202 Resp: 12844

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

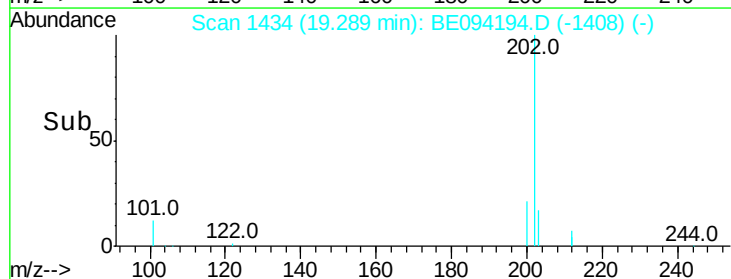
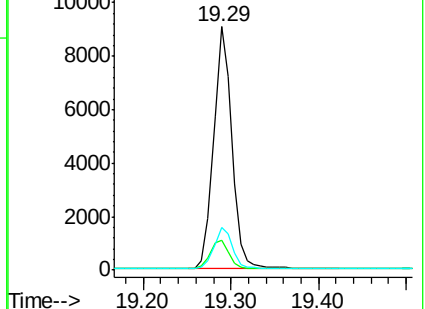
203 17.2 13.7 20.5

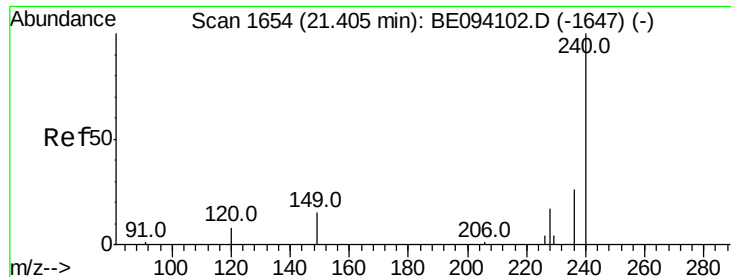


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

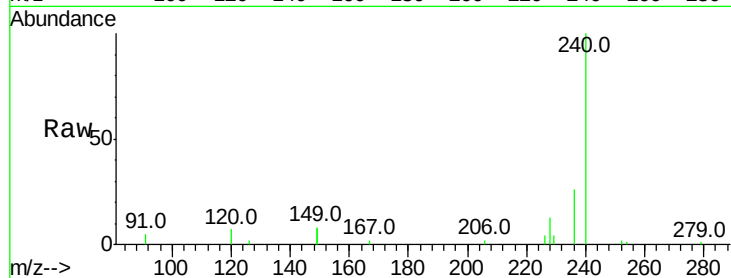




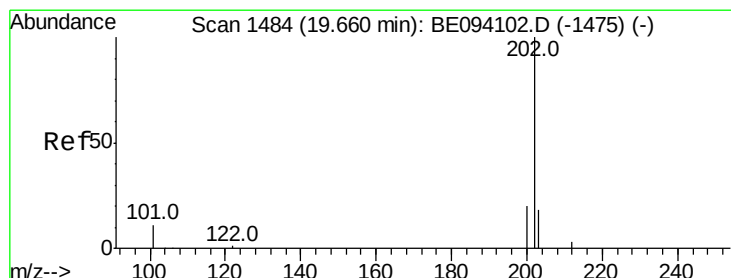
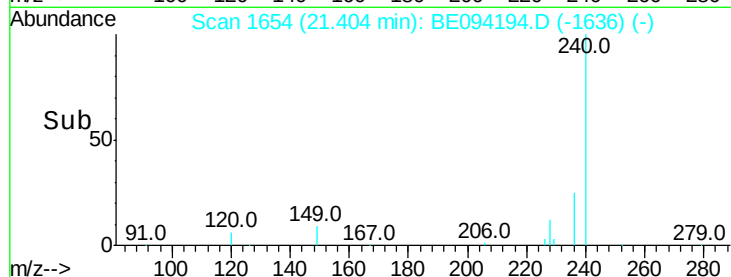
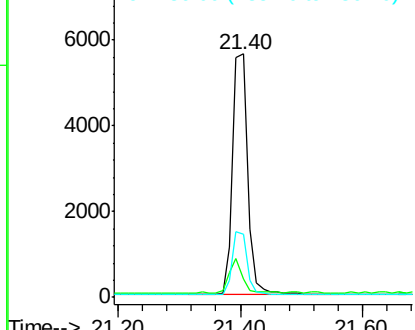
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094194.D
 Acq: 7 Oct 2017 00:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:240 Resp: 9754
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.5 8.3
 236 26.2 20.7 31.1

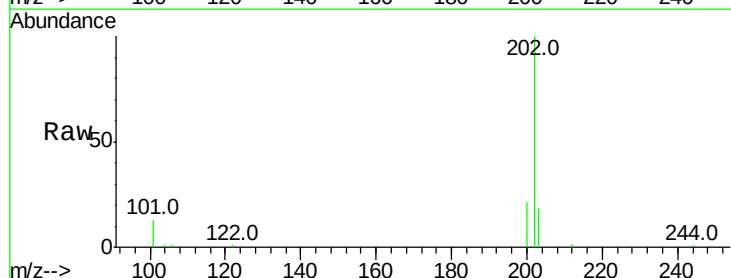


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

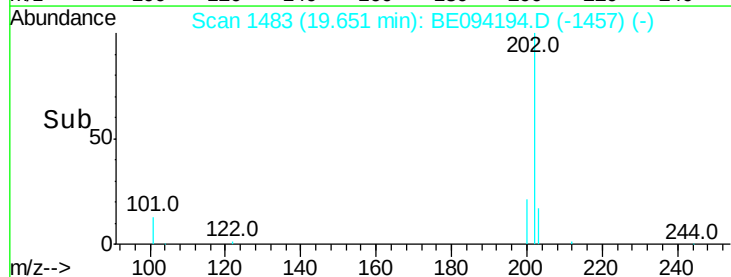
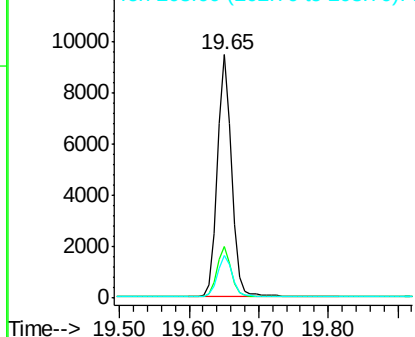


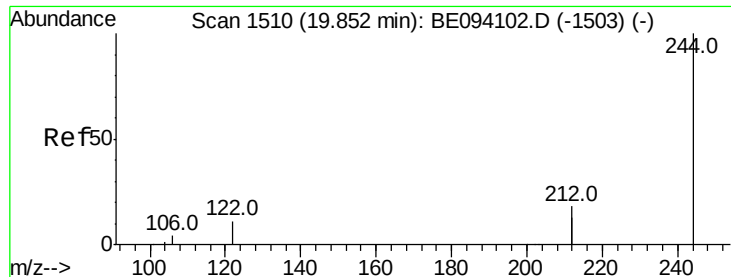
#28
 Pyrene
 Concen: 0.400 ng
 RT: 19.65 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BE094194.D
 Acq: 7 Oct 2017 00:19

Tgt Ion:202 Resp: 13420
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.8 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: 0.403 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

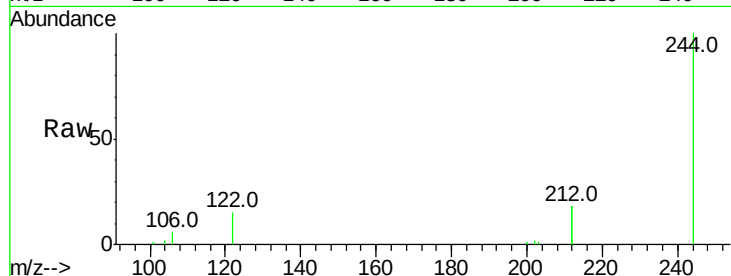
Tot Ion:244 Resp: 7422

Ion Ratio Lower Upper

244 100

212 35.7 25.4 38.0

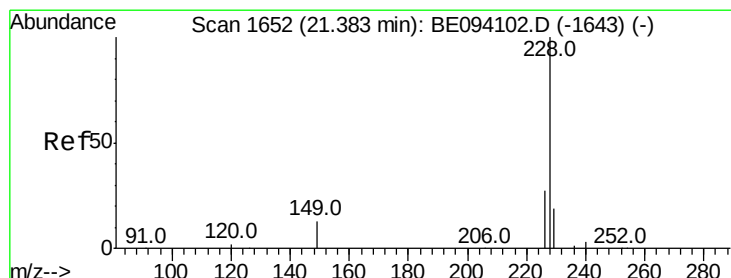
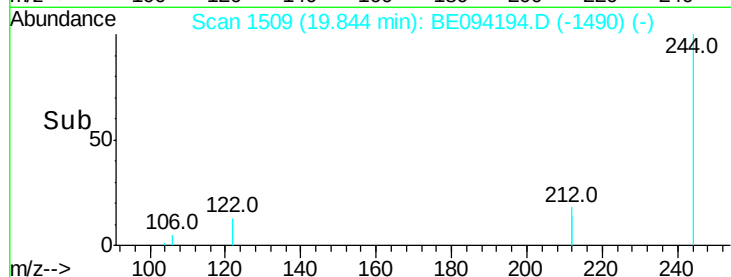
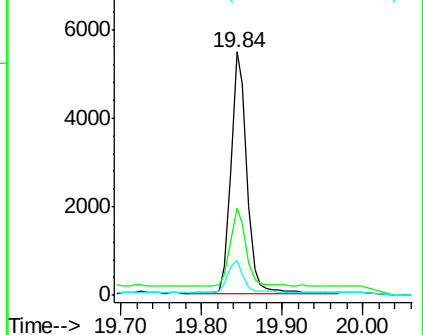
122 14.5 8.1 12.1#



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: 0.382 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

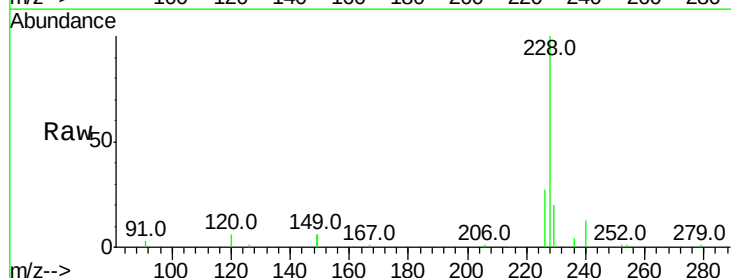
Tgt Ion:228 Resp: 12236

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

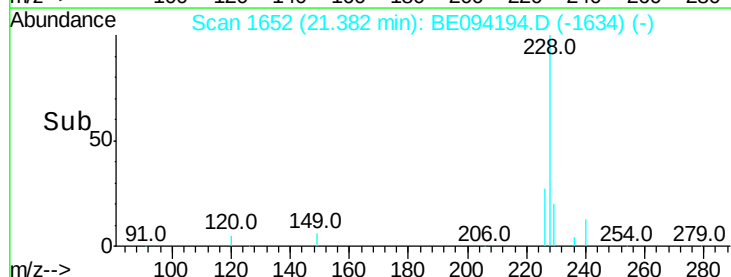
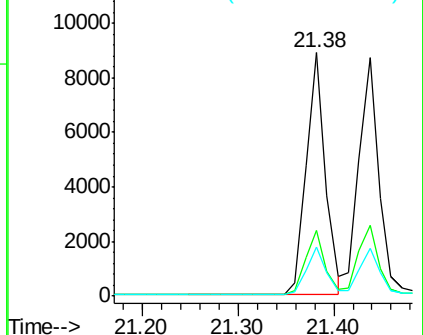
229 20.3 16.4 24.6

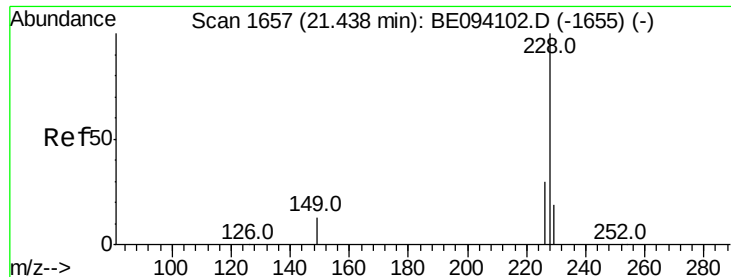


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

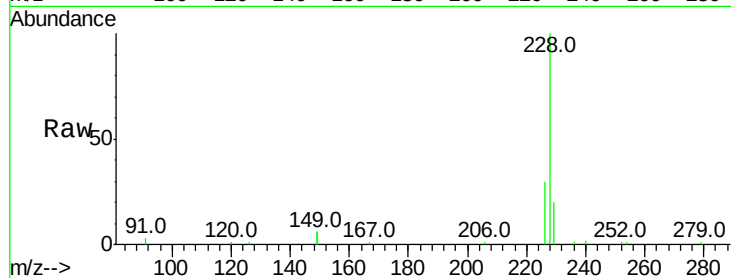
Tot Ion:228 Resp: 12711

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

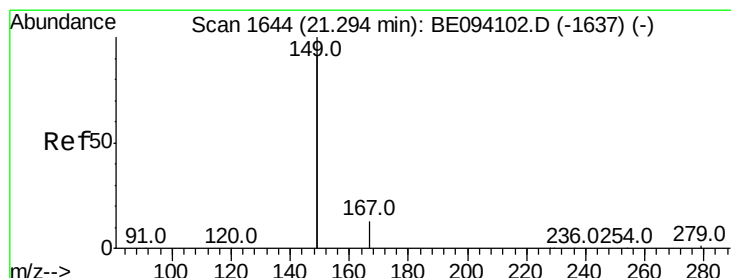
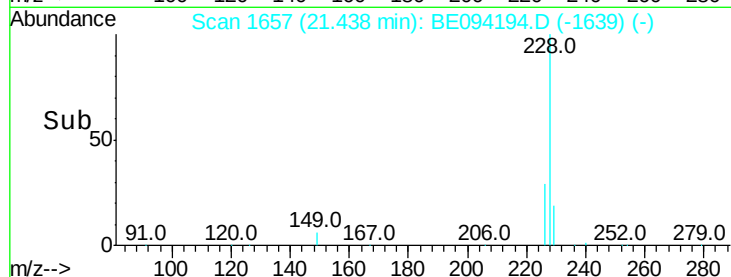
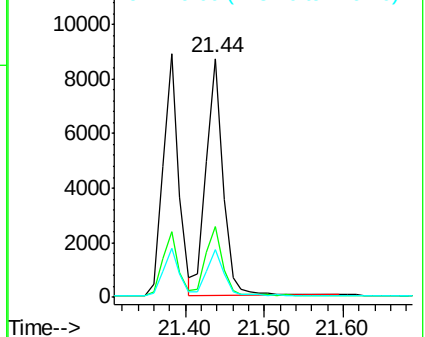
229 19.9 16.4 24.6



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: 0.394 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

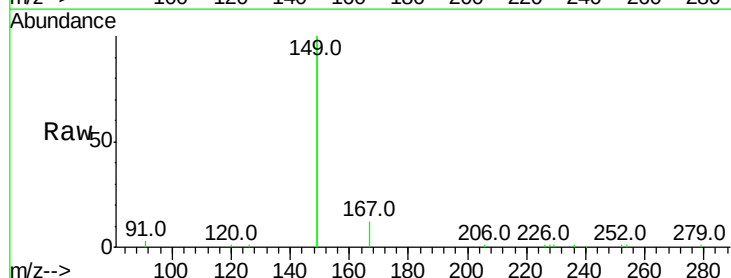
Tgt Ion:149 Resp: 29103

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

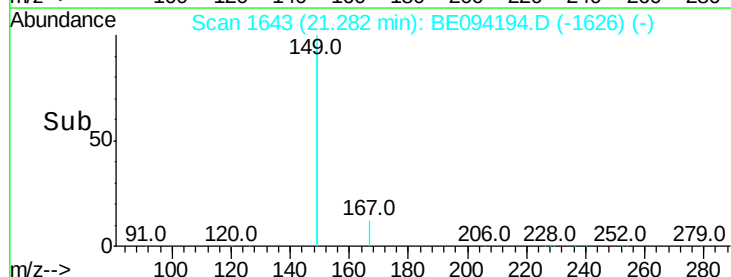
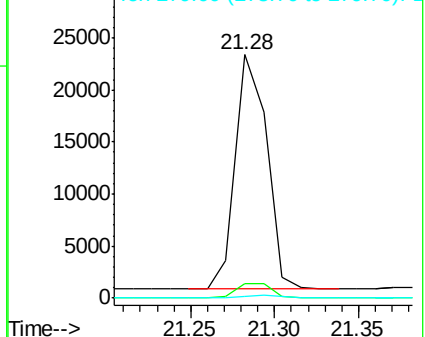
279 0.9 0.7 1.1

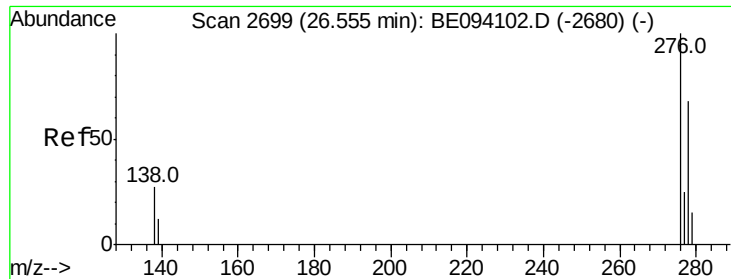


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

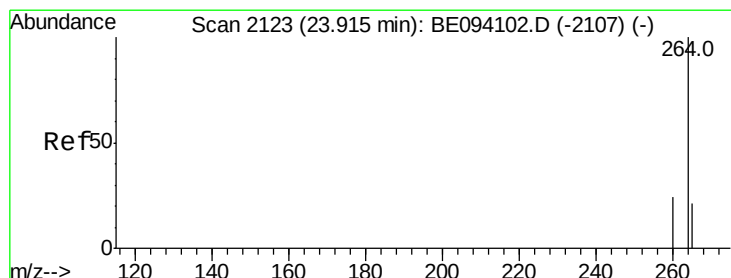
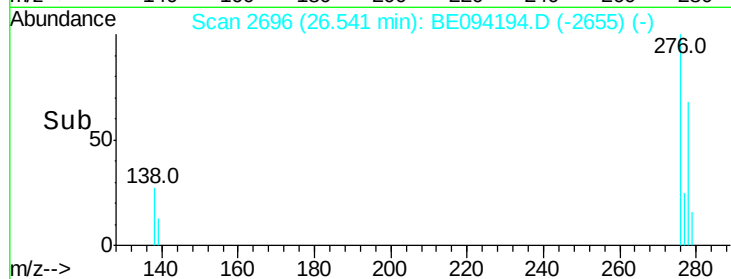
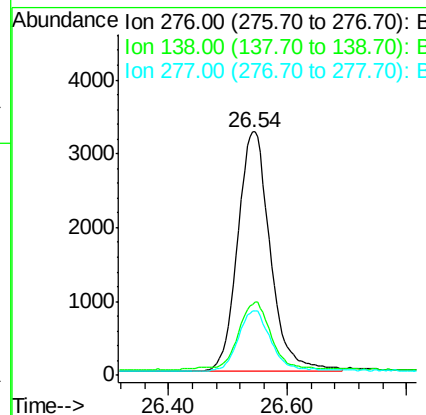
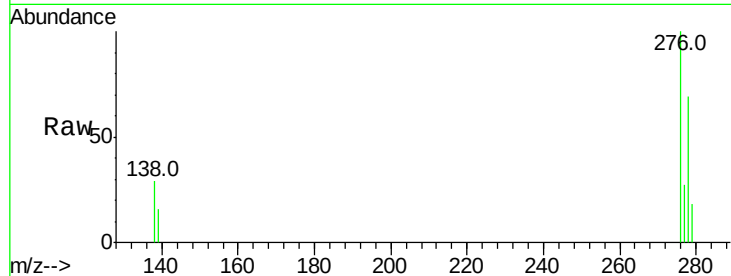




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.54 min Scan# 2696
 Delta R.T. -0.01 min
 Lab File: BE094194.D
 Acq: 7 Oct 2017 00:19

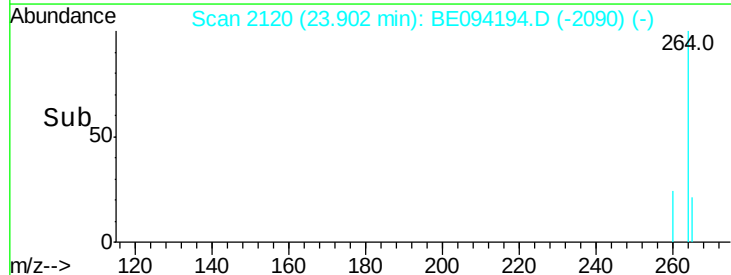
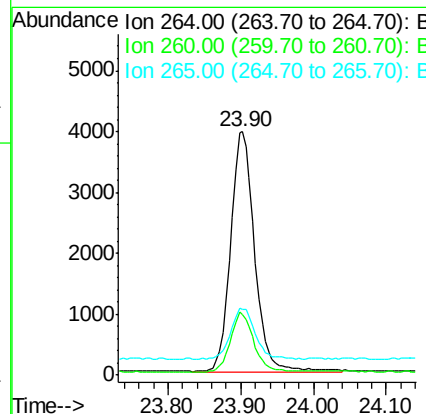
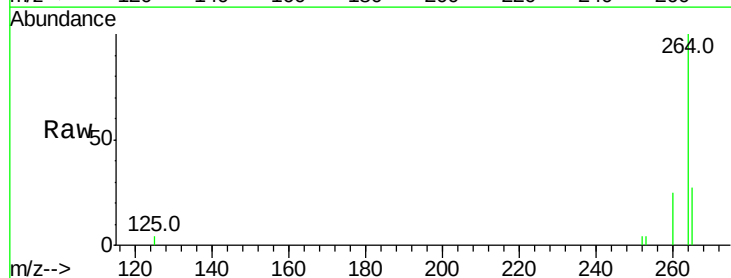
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

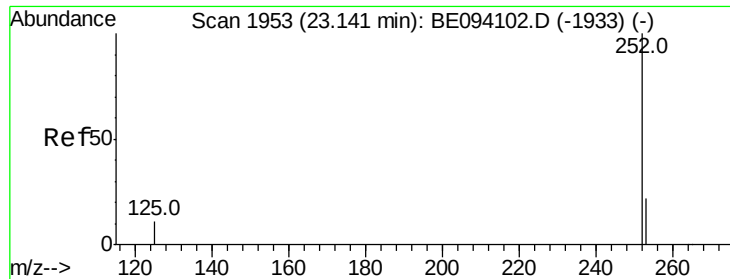
Tot Ion:276 Resp: 12288
 Ion Ratio Lower Upper
 276 100
 138 27.5 22.5 33.7
 277 25.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE094194.D
 Acq: 7 Oct 2017 00:19

Tgt Ion:264 Resp: 9013
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 27.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.389 ng

RT: 23.13 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

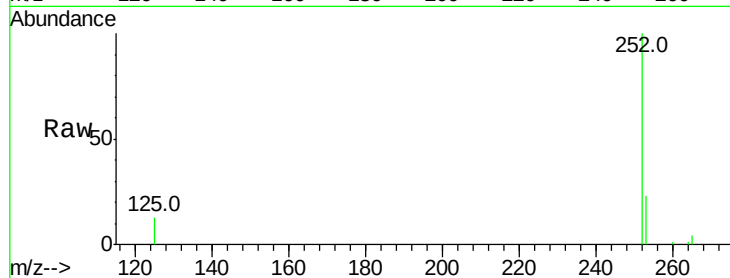
Tot Ion:252 Resp: 11806

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

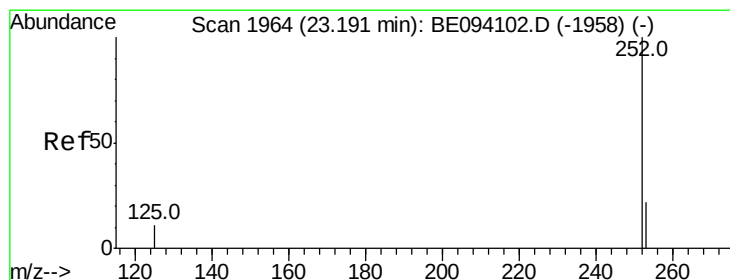
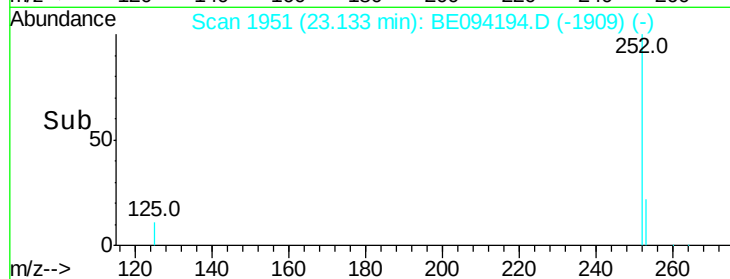
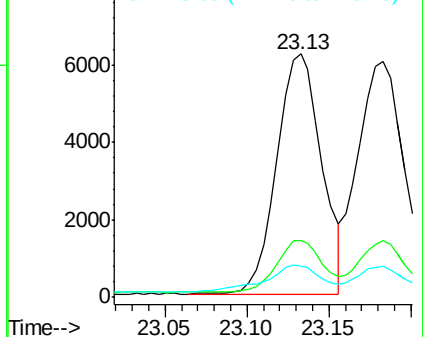
125 12.8 10.1 15.1



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: 0.392 ng

RT: 23.18 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

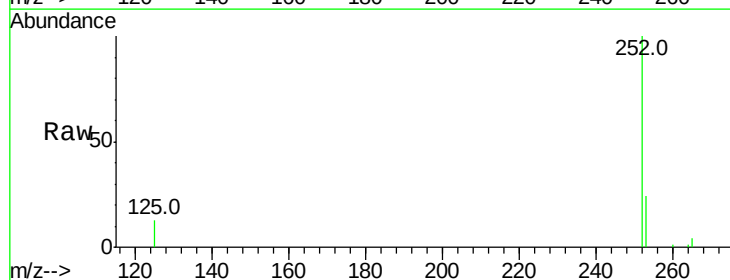
Tgt Ion:252 Resp: 12074

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

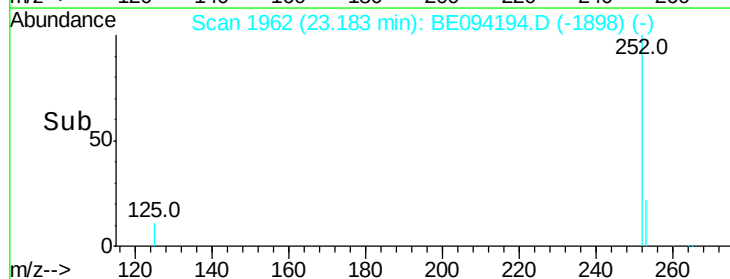
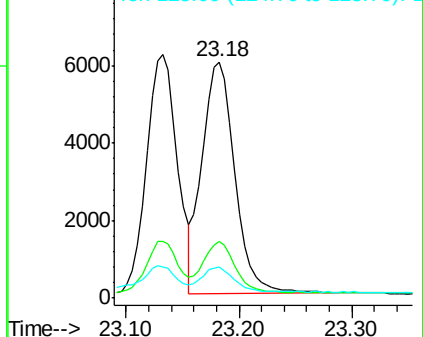
125 13.2 10.7 16.1

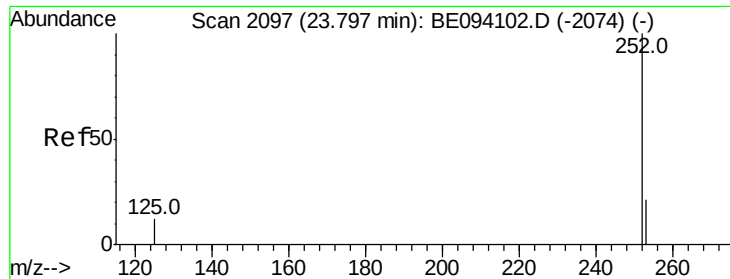


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.79 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

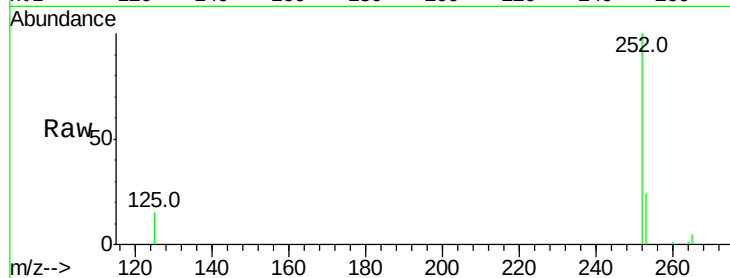
Tot Ion:252 Resp: 11393

Ion Ratio Lower Upper

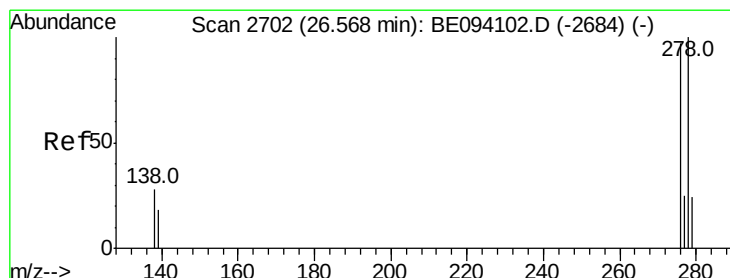
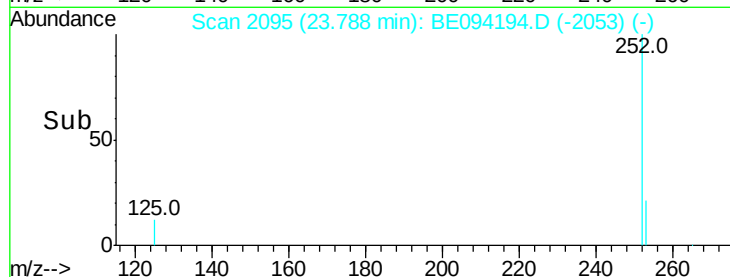
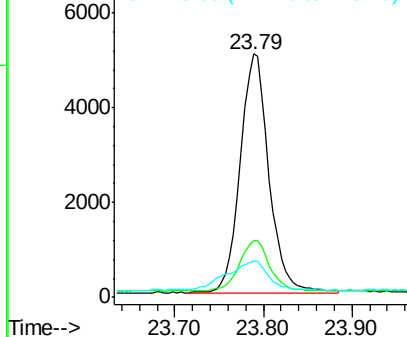
252 100

253 23.5 19.0 28.6

125 15.0 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: 0.393 ng

RT: 26.55 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BE094194.D

Acq: 7 Oct 2017 00:19

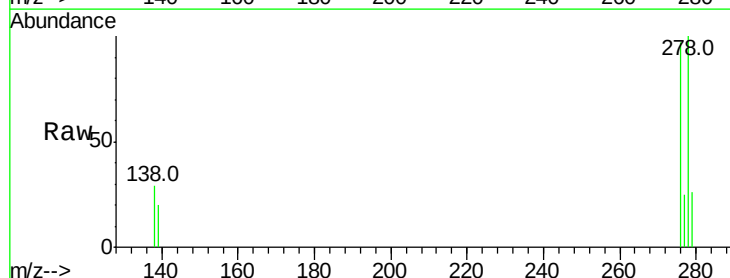
Tgt Ion:278 Resp: 10433

Ion Ratio Lower Upper

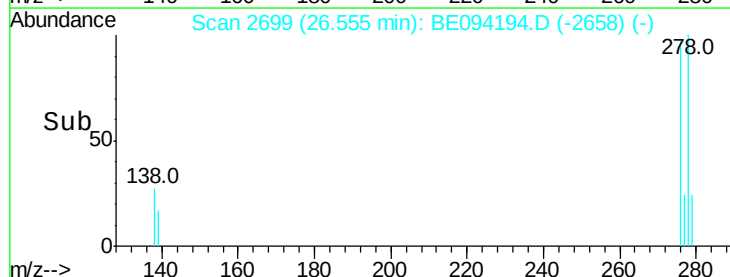
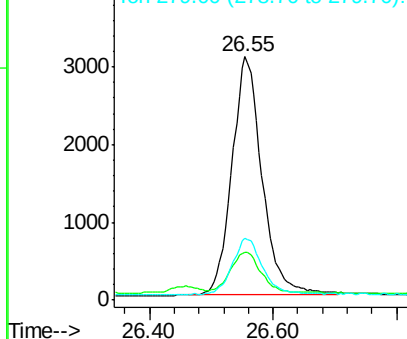
278 100

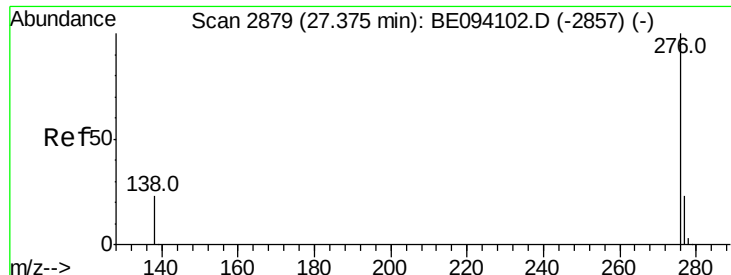
139 19.6 16.3 24.5

279 25.6 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: 0.390 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE094194.D

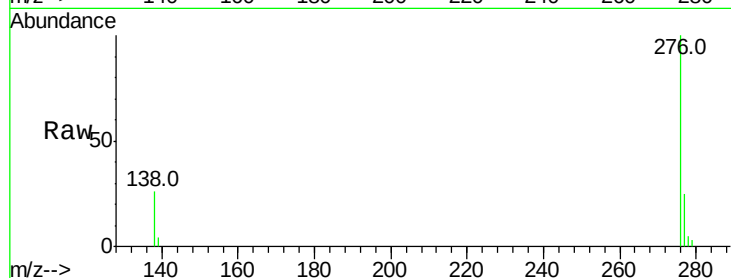
Acq: 7 Oct 2017 00:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



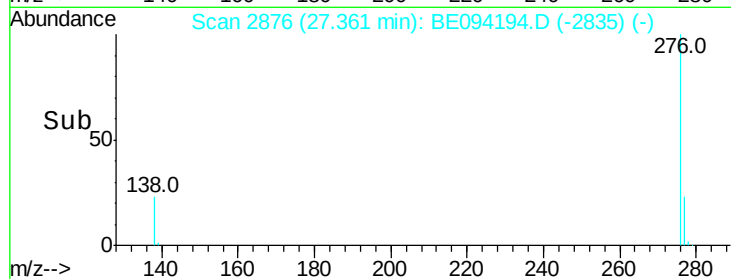
Tot Ion:276 Resp: 10596

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 25.6 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

