

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
 Data File : BE094417.D
 Acq On : 16 Oct 2017 14:50
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101617

Quant Time: Oct 16 15:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1301	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6959	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	4001	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6696	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9598	0.40	ng	0.00
34) Perylene-d12	23.96	264	9103	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1795	0.41	ng	0.01
5) Phenol-d6	7.12	99	2791	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	141	0.02	ng	-0.12
11) 2-Methylnaphthalene-d10	12.29	152	4405	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	624	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5665	0.40	ng	0.00
25) Fluoranthene-d10	19.29	212	44659	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	7576	0.39	ng	0.00

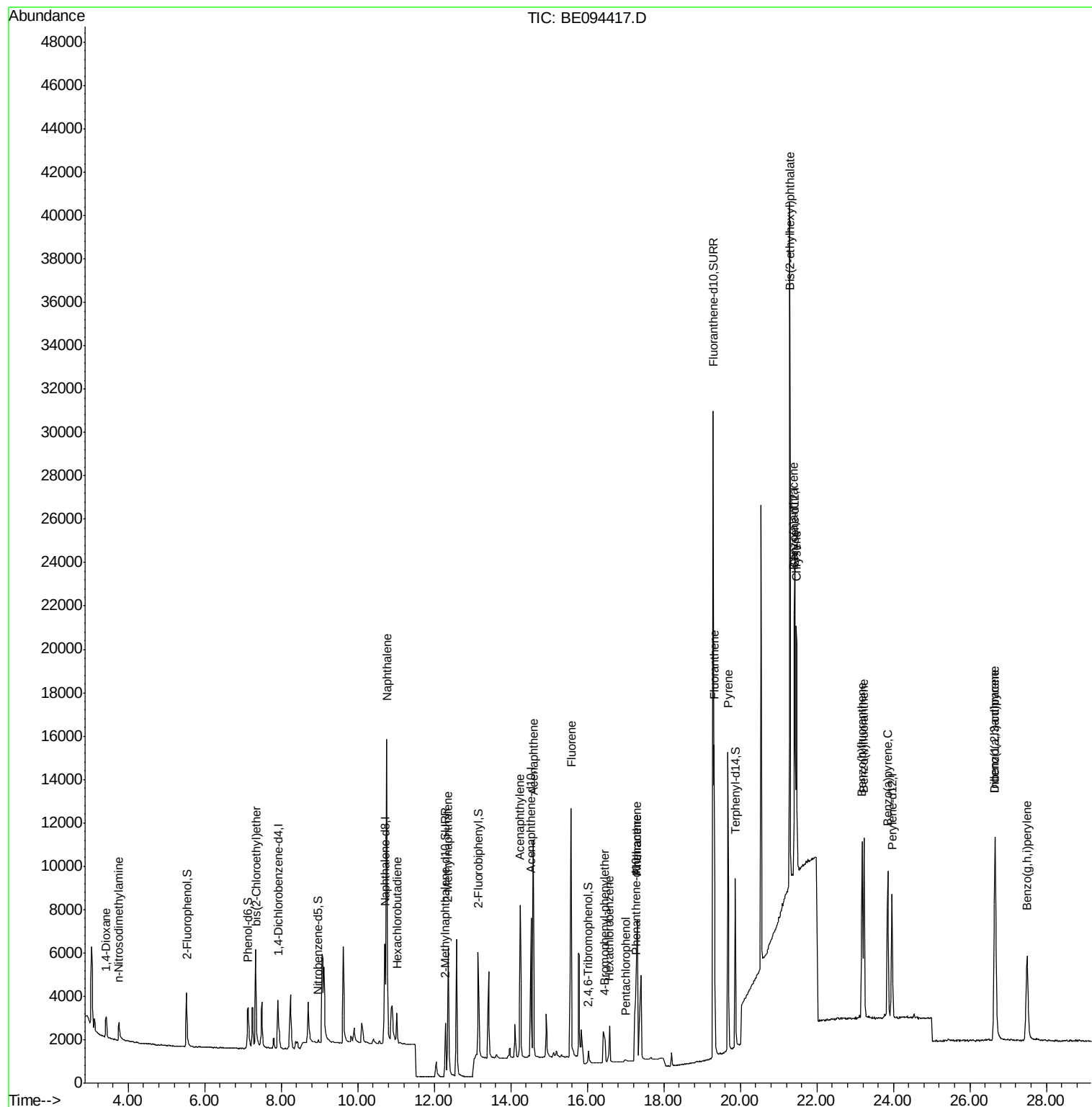
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	863	0.384	ng	# 88
3) n-Nitrosodimethylamine	3.74	42	868	0.384	ng	# 91
6) bis(2-Chloroethyl)ether	7.34	93	2070	0.408	ng	93
9) Naphthalene	10.76	128	31650	0.407	ng	100
10) Hexachlorobutadiene	11.03	225	1230	0.395	ng	97
12) 2-Methylnaphthalene	12.36	142	5254	0.410	ng	99
16) Acenaphthylene	14.24	152	8565	0.395	ng	100
17) Acenaphthene	14.58	154	5448	0.399	ng	99
18) Fluorene	15.58	166	6956	0.395	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1308	0.390	ng	# 41
21) Hexachlorobenzene	16.58	284	2529	0.385	ng	# 60
22) Pentachlorophenol	17.01	266	201	0.441	ng	95
23) Phenanthrene	17.30	178	12727	0.483	ng	# 90
24) Anthracene	17.30	178	12727	0.625	ng	# 88
26) Fluoranthene	19.32	202	13298	0.407	ng	99
28) Pyrene	19.67	202	13980	0.386	ng	98
30) Benzo(a)anthracene	21.40	228	12985	0.391	ng	# 68
31) Chrysene	21.46	228	12645	0.396	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.29	149	36861	0.386	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.65	276	12645	0.393	ng	99
35) Benzo(b)fluoranthene	23.18	252	11902	0.385	ng	# 49
36) Benzo(k)fluoranthene	23.23	252	12212	0.401	ng	# 49
37) Benzo(a)pyrene	23.85	252	11479	0.396	ng	# 43
38) Dibenzo(a,h)anthracene	26.66	278	10981	0.400	ng	# 54
39) Benzo(g,h,i)perylene	27.49	276	10359	0.392	ng	# 63

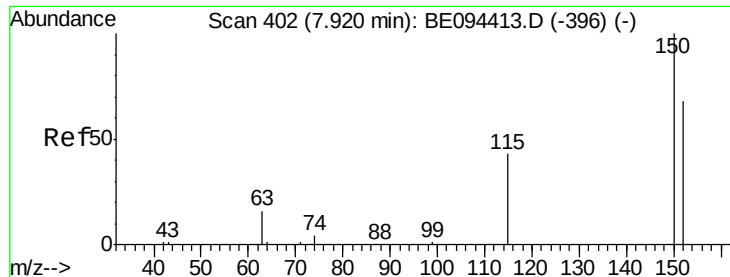
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 14:54:40 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

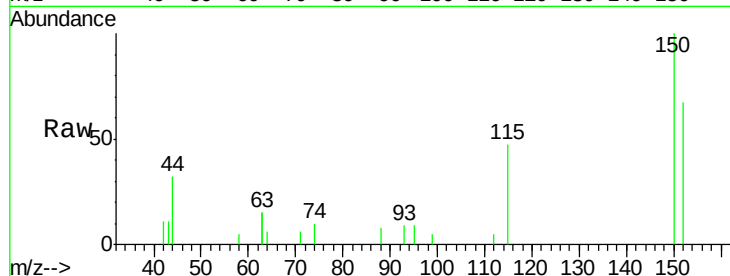
Tgt Ion: 152 Resp: 1301

Ion Ratio Lower Upper

152 100

150 149.8 117.2 175.8

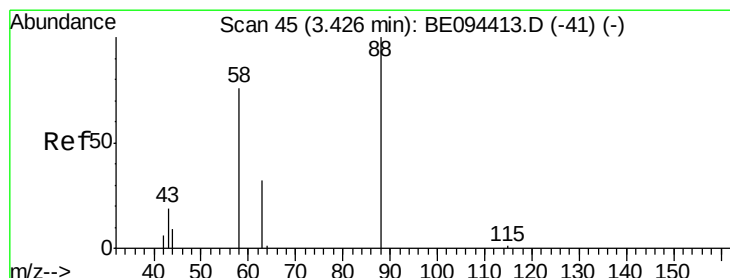
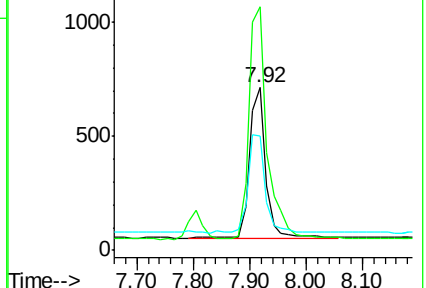
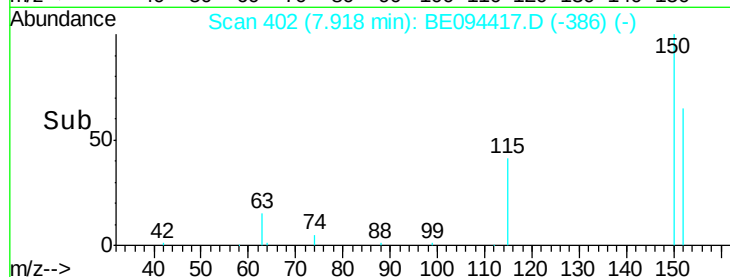
115 70.5 57.0 85.6



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: 0.384 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

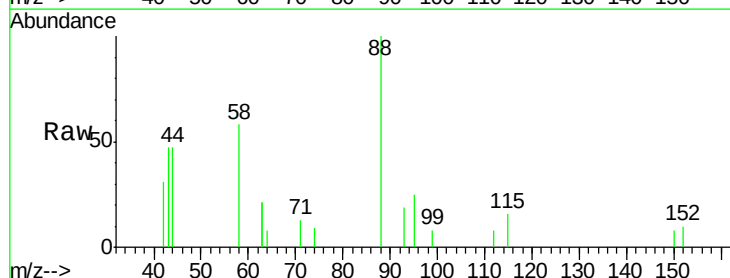
Tgt Ion: 88 Resp: 863

Ion Ratio Lower Upper

88 100

58 81.7 63.2 94.8

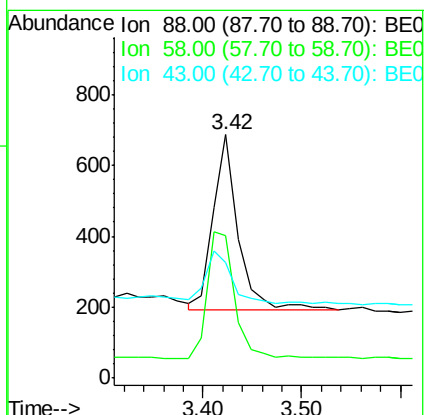
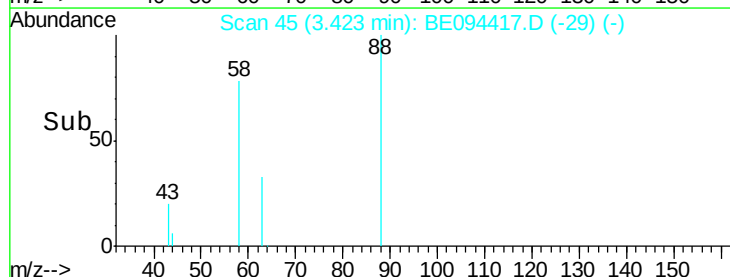
43 32.8 41.2 61.8#

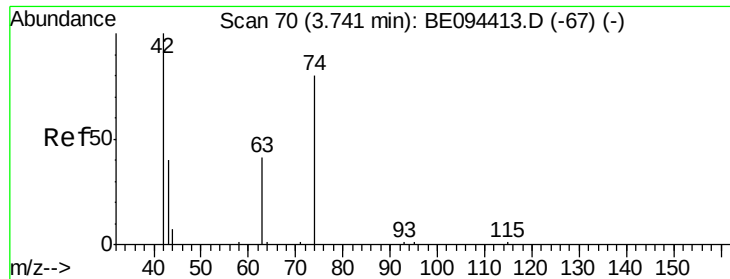


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



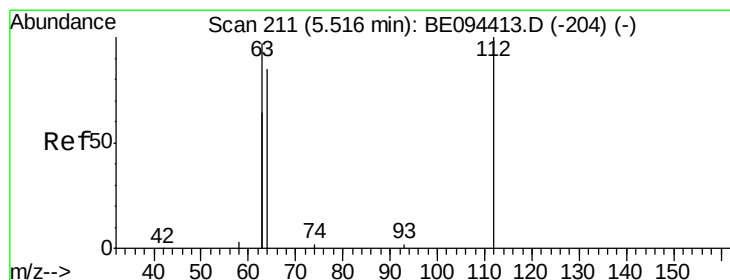
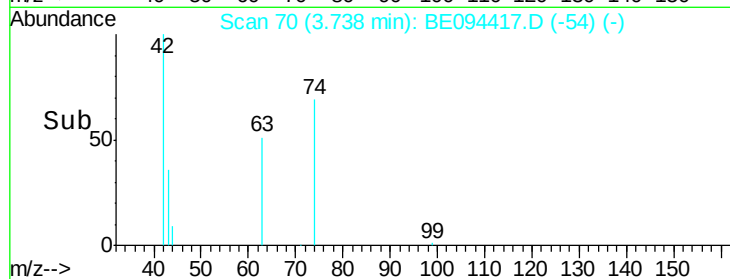
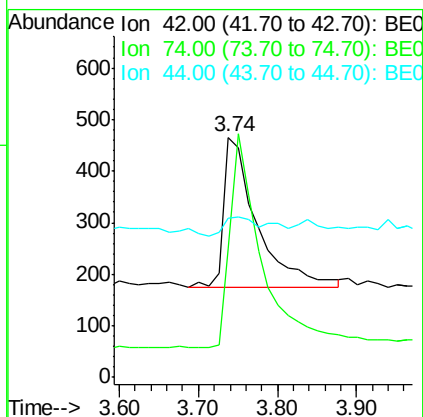
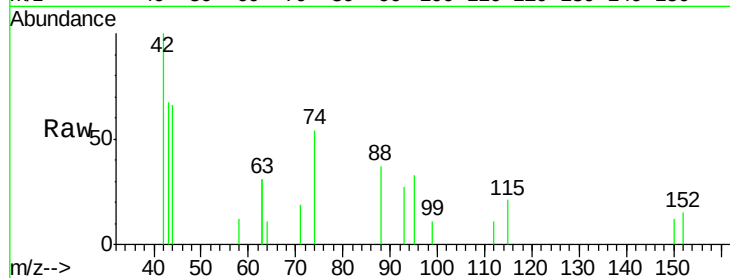


#3

n-Nitrosodimethylamine
 Concen: 0.384 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: BE094417.D
 Acq: 16 Oct 2017 14:50

Instrument :
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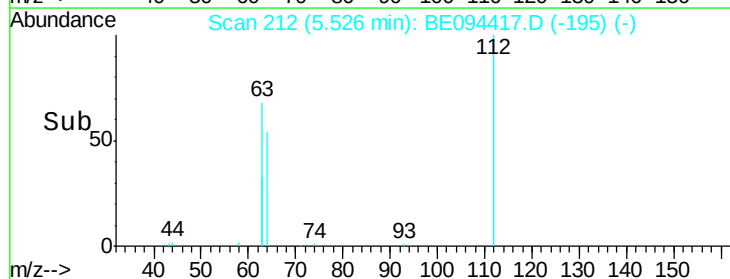
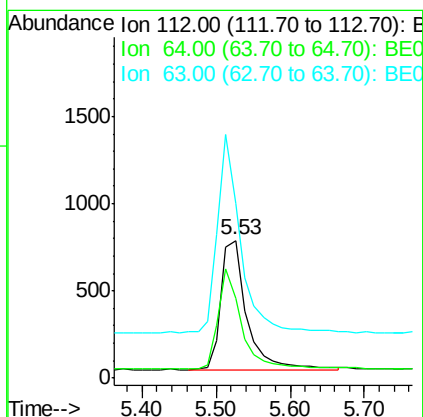
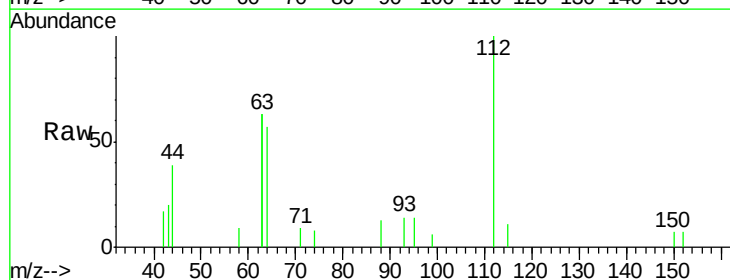
Tgt Ion: 42 Resp: 868
 Ion Ratio Lower Upper
 42 100
 74 136.1 100.3 150.5
 44 16.8 17.0 25.4#

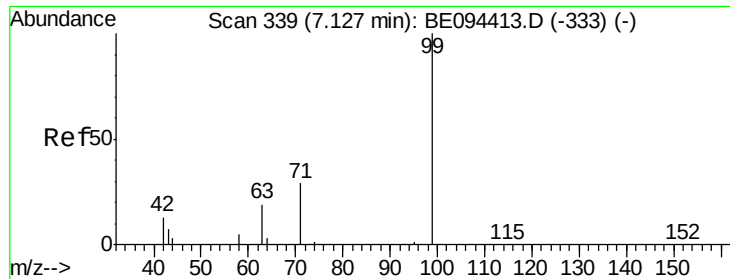


#4

2-Fluorophenol
 Concen: 0.408 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BE094417.D
 Acq: 16 Oct 2017 14:50

Tgt Ion: 112 Resp: 1795
 Ion Ratio Lower Upper
 112 100
 64 70.5 60.1 90.1
 63 140.7 116.8 175.2





#5

Phenol-d6

Concen: 0.407 ng

RT: 7.12 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

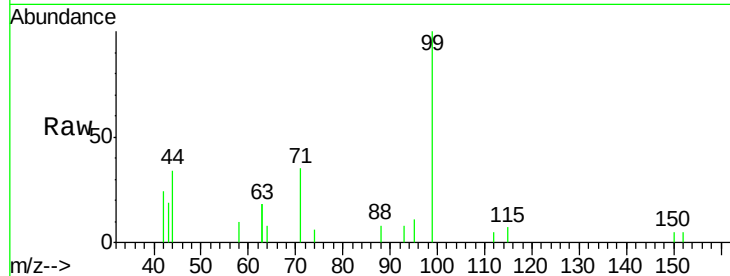
Tgt Ion: 99 Resp: 2791

Ion Ratio Lower Upper

99 100

42 21.3 20.2 30.2

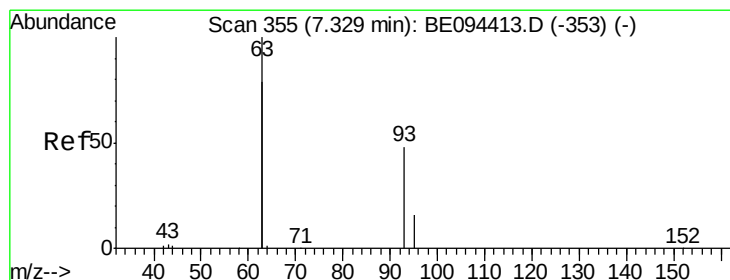
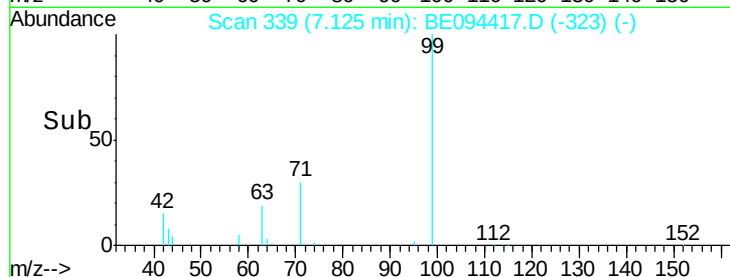
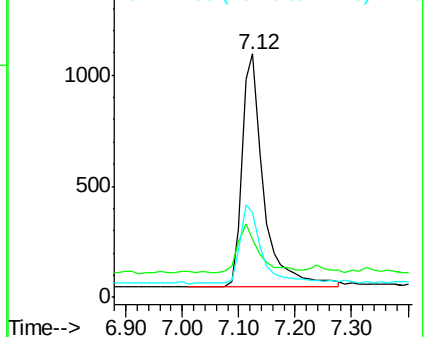
71 33.8 28.4 42.6



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: 0.408 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

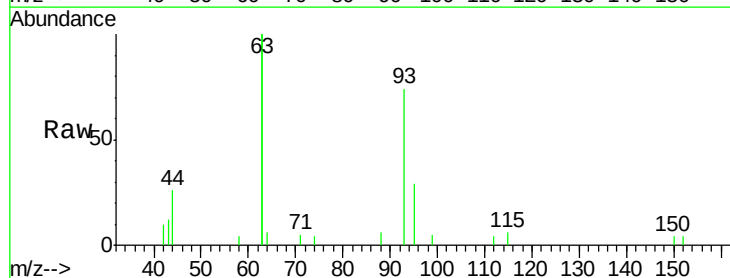
Tgt Ion: 93 Resp: 2070

Ion Ratio Lower Upper

93 100

63 328.8 275.3 412.9

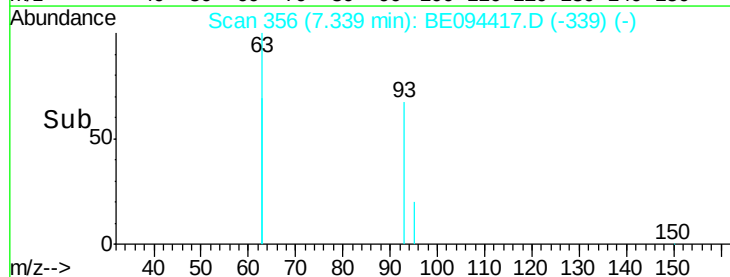
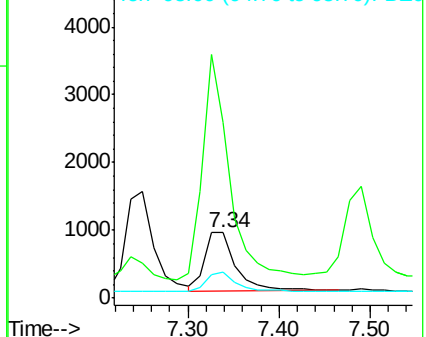
95 30.6 25.2 37.8

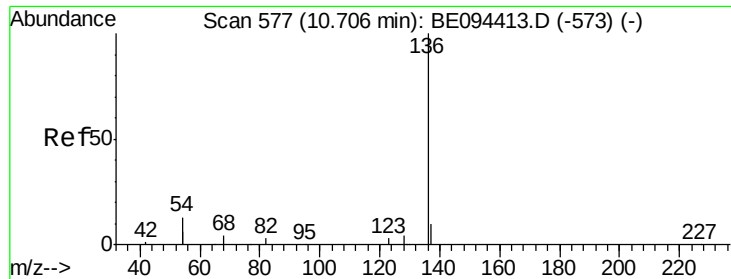


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

Tgt Ion:136 Resp: 6959

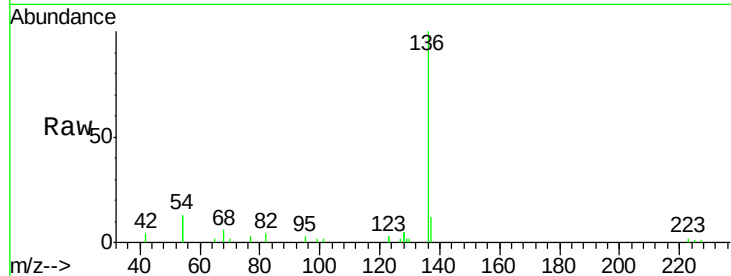
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 25.8 29.1 43.7#

68 5.8 6.2 9.2#

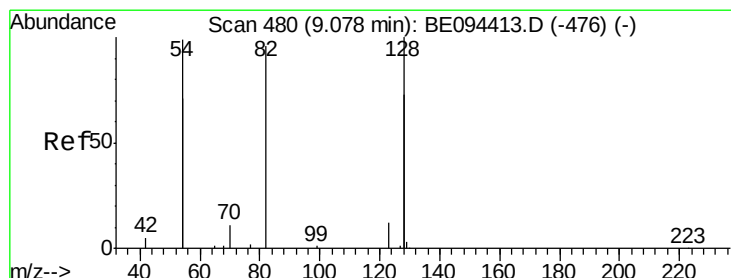
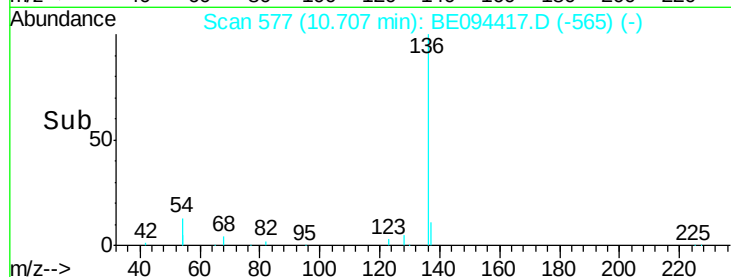
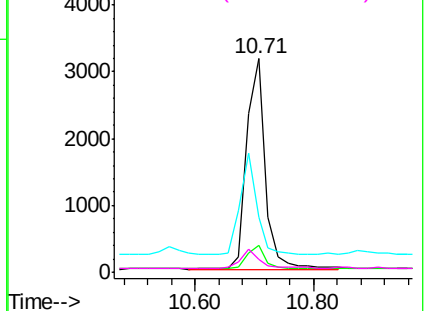


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.023 ng

RT: 8.96 min Scan# 473

Delta R.T. -0.12 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

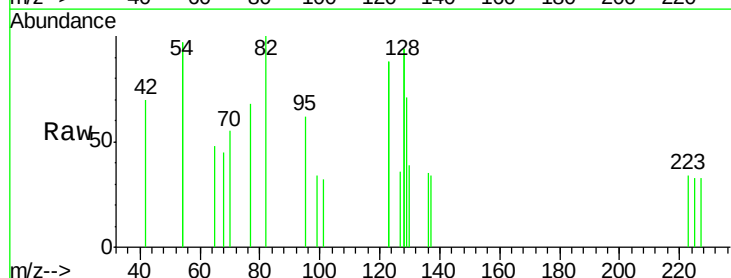
Tgt Ion: 82 Resp: 141

Ion Ratio Lower Upper

82 100

128 187.7 150.0 225.0

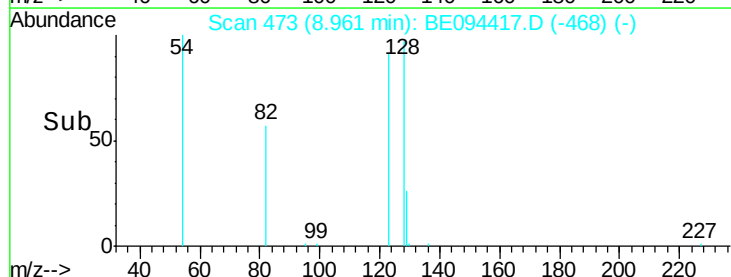
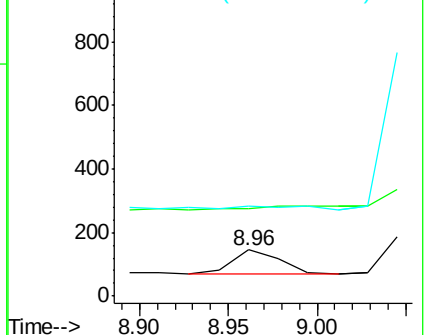
54 193.2 154.2 231.4

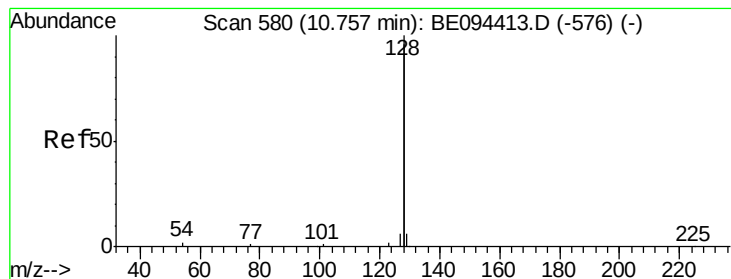


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.407 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

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Instrument :

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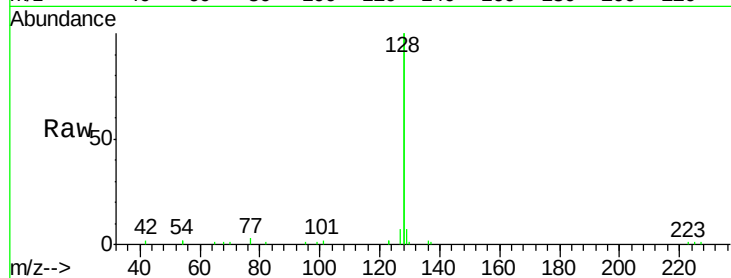
Tgt Ion:128 Resp: 31650

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

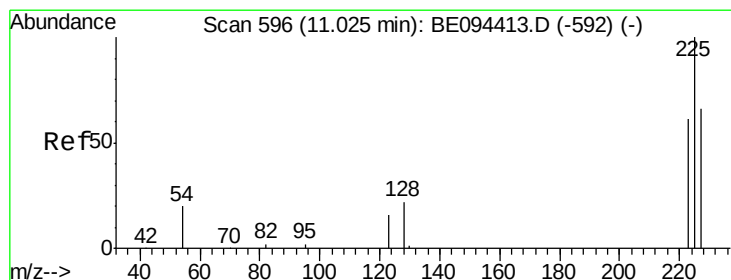
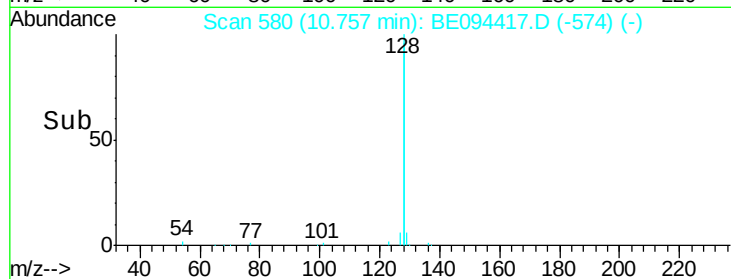
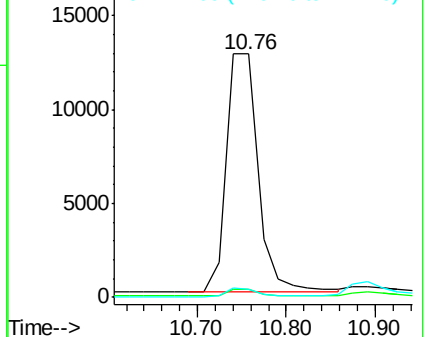
127 3.4 2.8 4.2



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: 0.395 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

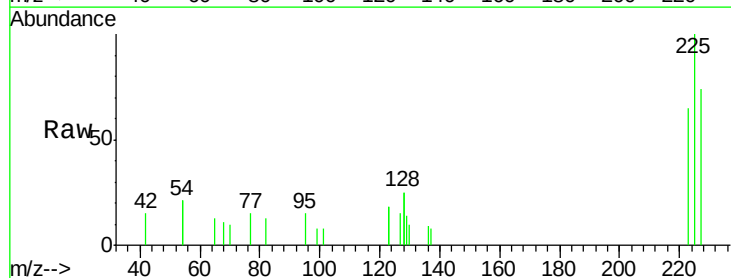
Tgt Ion:225 Resp: 1230

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

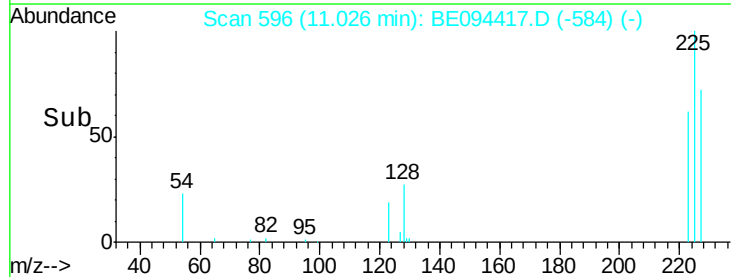
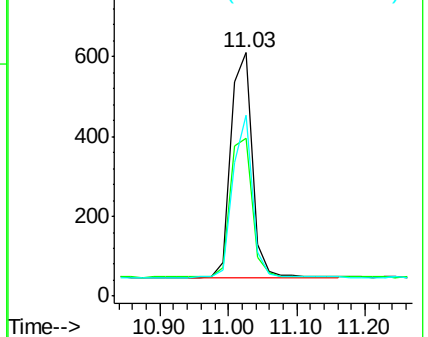
227 66.8 51.4 77.2

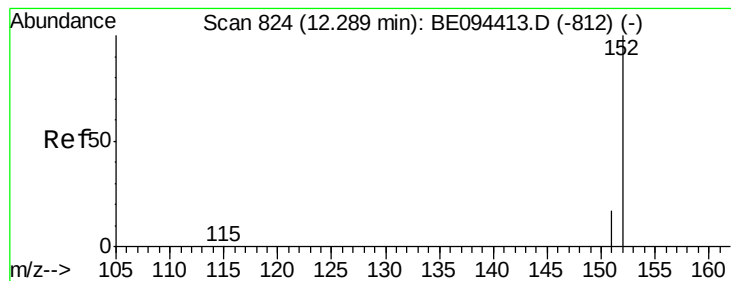


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094417.D

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Instrument :

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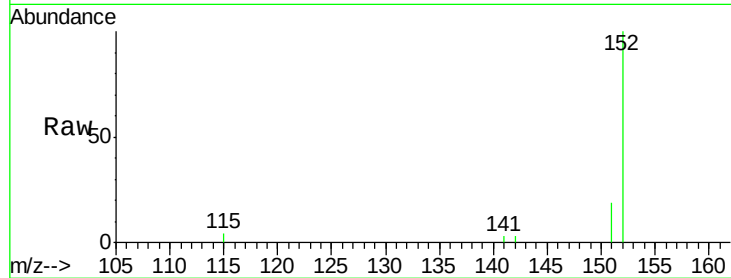
ICVBE101617

Tgt Ion:152 Resp: 4405

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

2500

2000

1500

1000

500

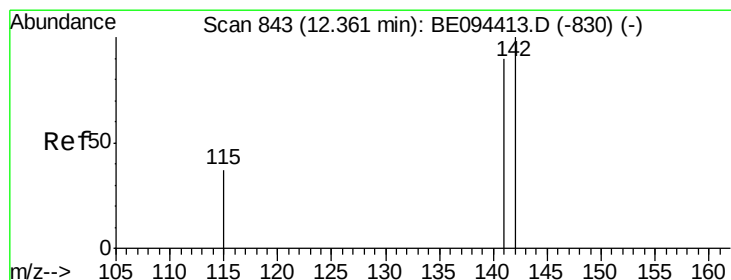
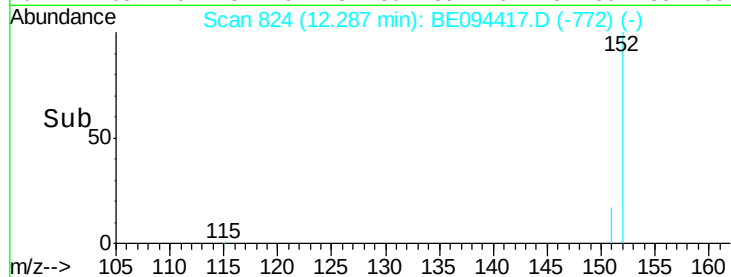
0

12.29

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

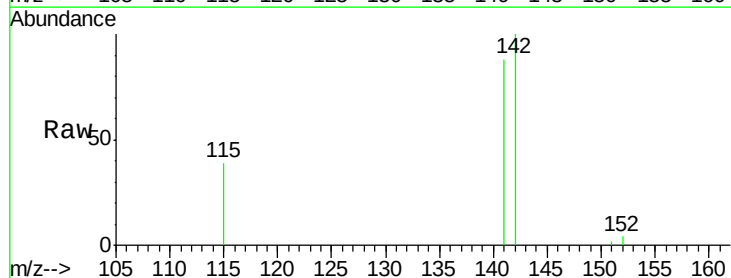
Tgt Ion:142 Resp: 5254

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

115 39.0 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

3000

2000

1000

0

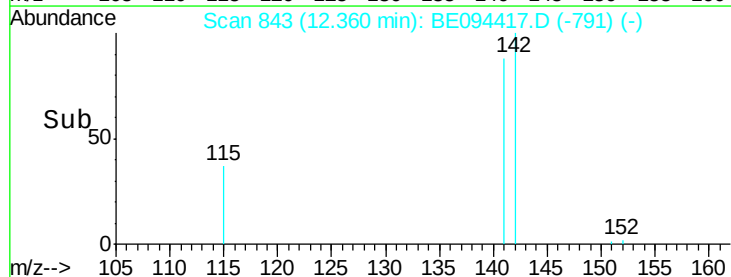
12.36

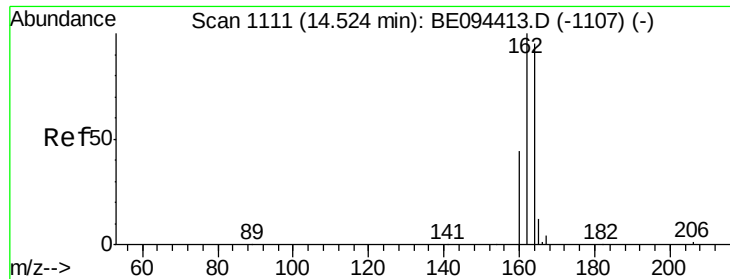
12.30

12.40

12.50

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094417.D

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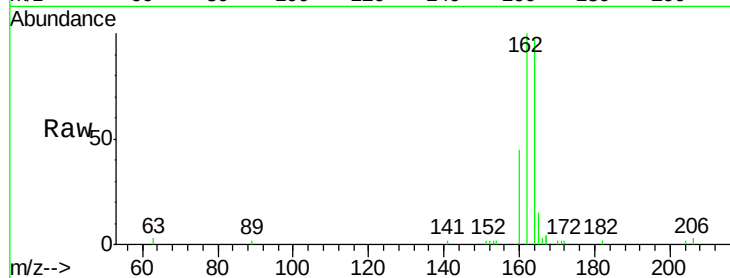
Tgt Ion:164 Resp: 4001

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

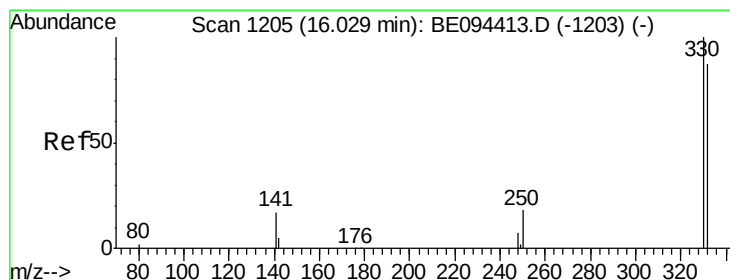
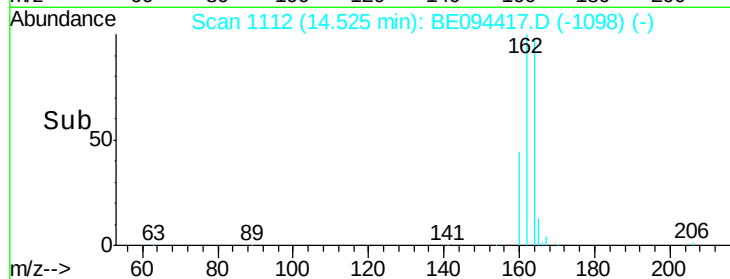
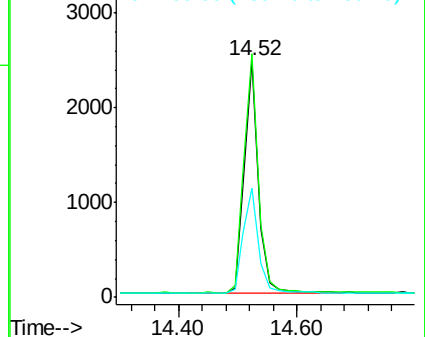
160 46.4 37.1 55.7



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: 0.409 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

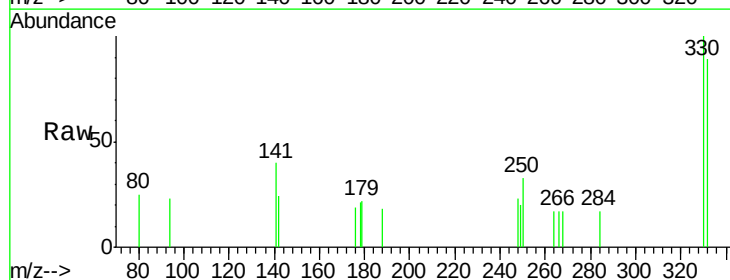
Tgt Ion:330 Resp: 624

Ion Ratio Lower Upper

330 100

332 91.5 152.7 229.1#

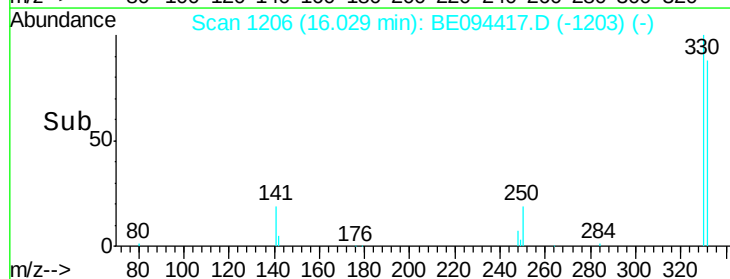
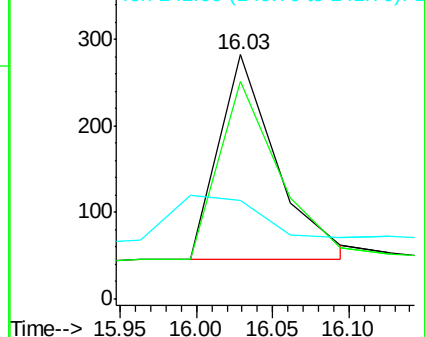
141 0.0 33.7 50.5#

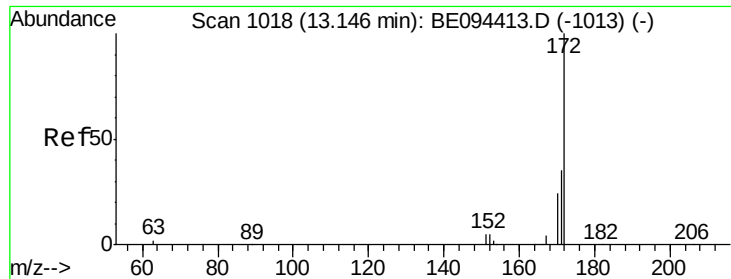


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

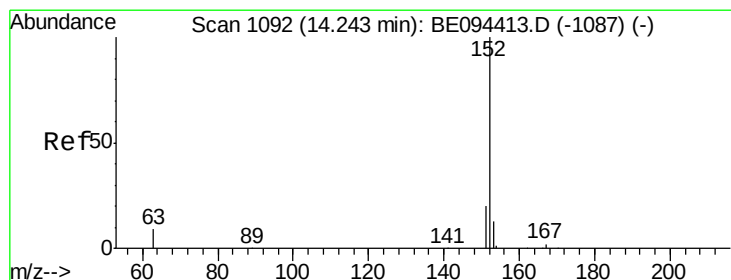
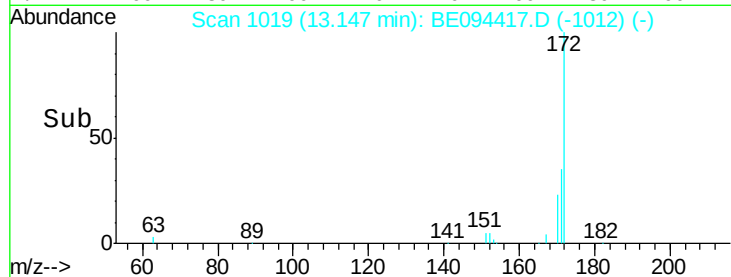
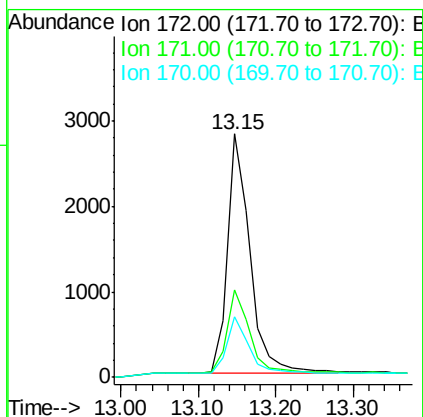
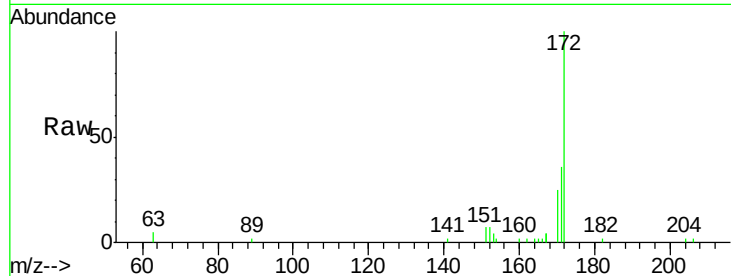




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094417.D
Acq: 16 Oct 2017 14:50

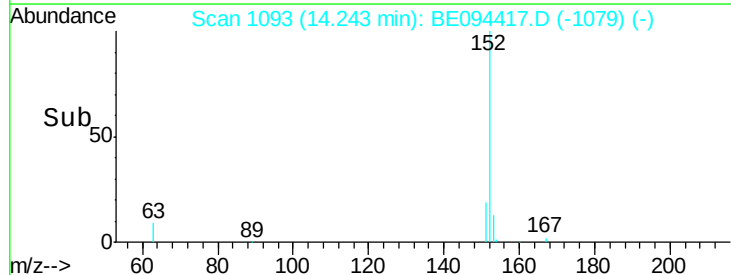
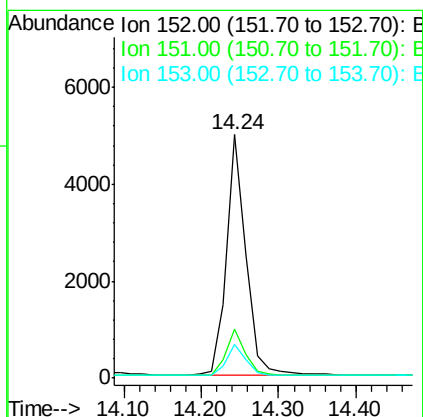
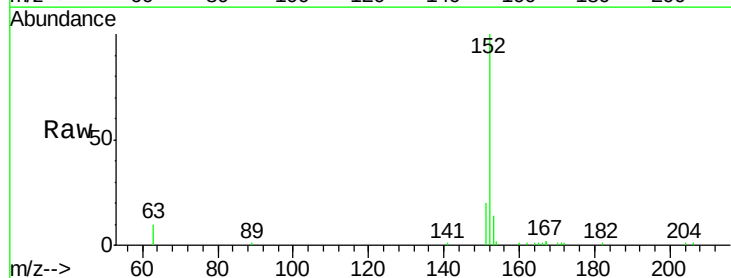
Instrument :
BNA_E
ClientSampleId :
ICVBE101617

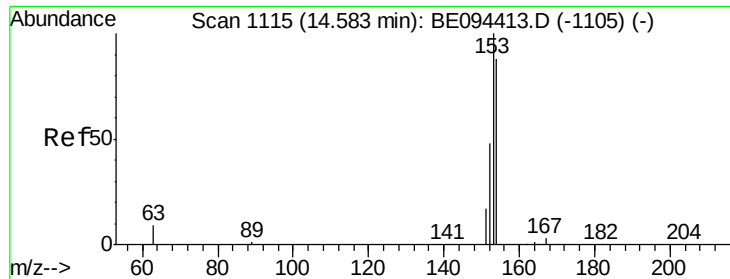
Tgt Ion:172 Resp: 5665
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 24.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094417.D
Acq: 16 Oct 2017 14:50

Tgt Ion:152 Resp: 8565
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

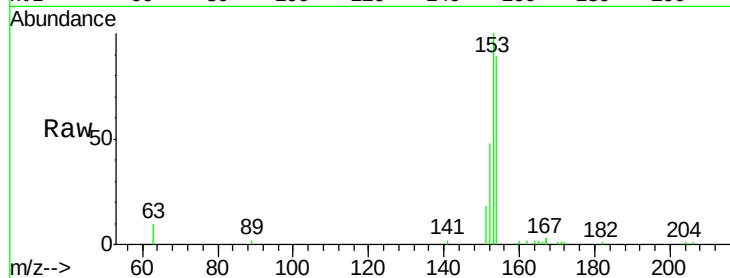
Tgt Ion:154 Resp: 5448

Ion Ratio Lower Upper

154 100

153 112.3 89.2 133.8

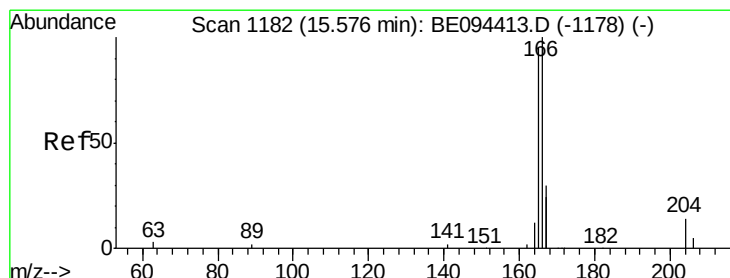
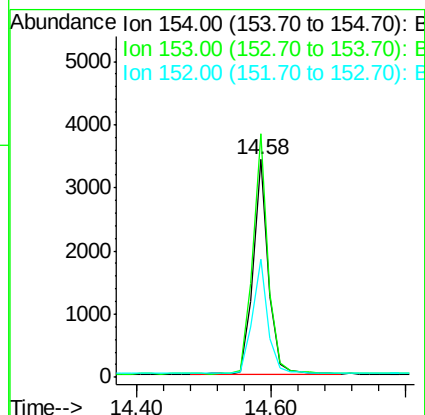
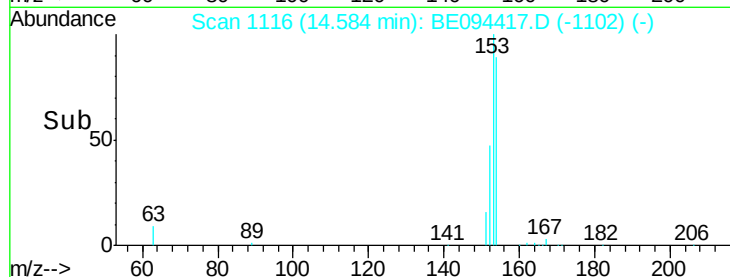
152 53.8 42.0 63.0



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: 0.395 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

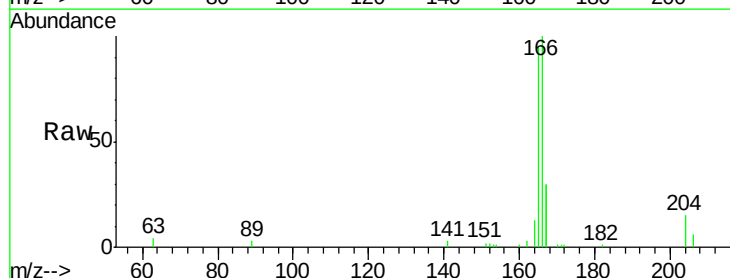
Tgt Ion:166 Resp: 6956

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

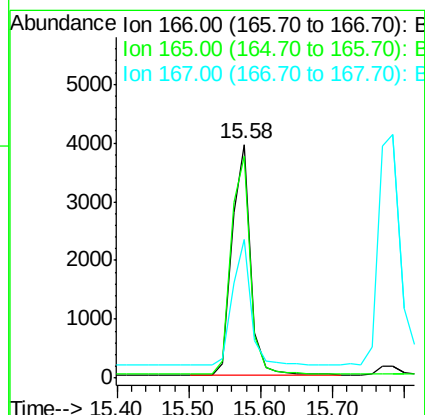
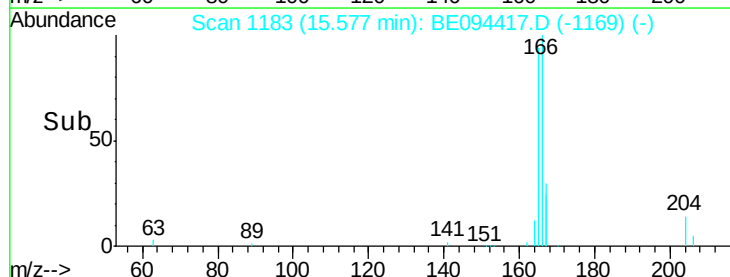
167 54.4 42.4 63.6

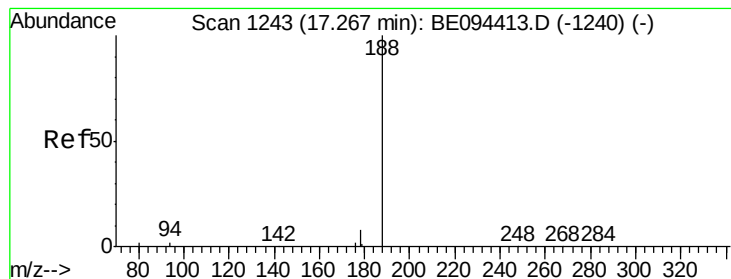


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

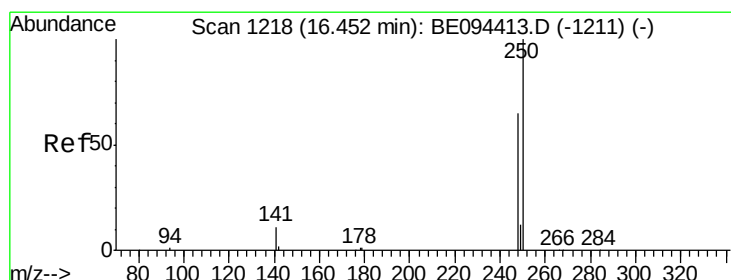
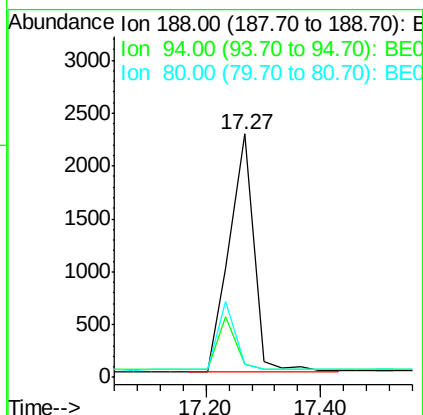
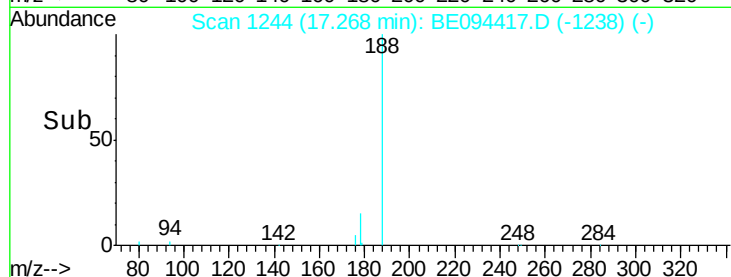
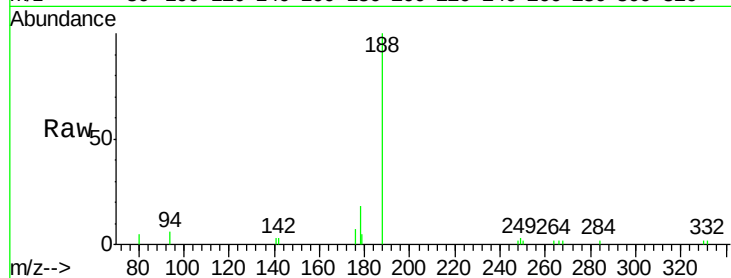
Tgt Ion:188 Resp: 6696

Ion Ratio Lower Upper

188 100

94 5.5 3.9 5.9

80 5.2 3.6 5.4



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

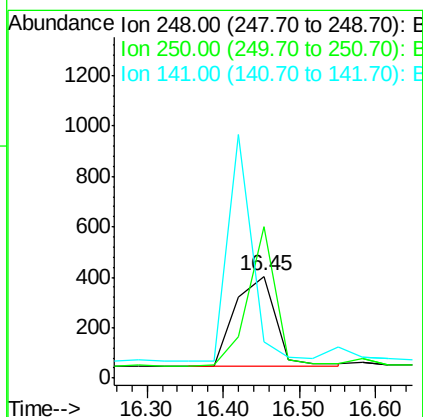
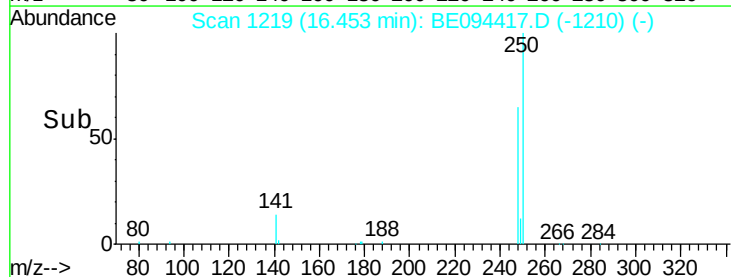
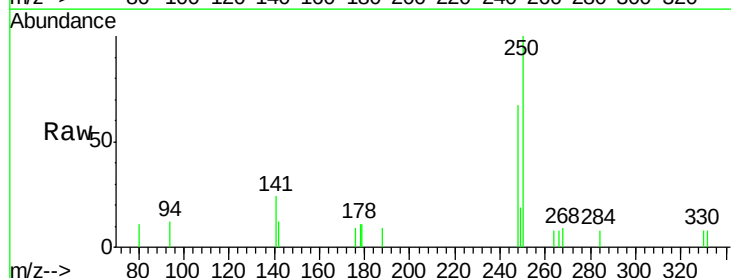
Tgt Ion:248 Resp: 1308

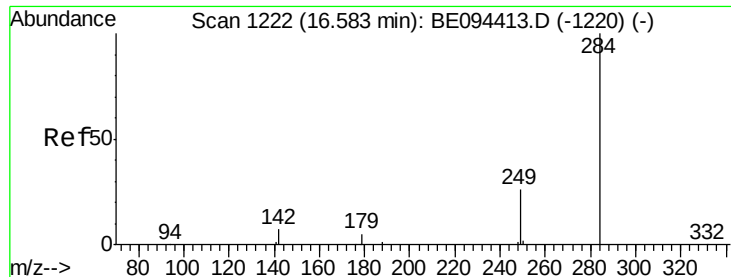
Ion Ratio Lower Upper

248 100

250 148.3 62.7 94.1#

141 35.9 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

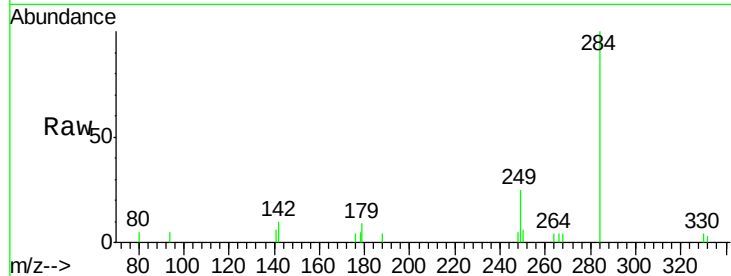
Tgt Ion:284 Resp: 2529

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

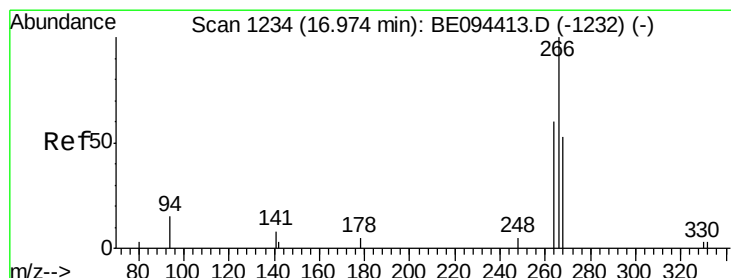
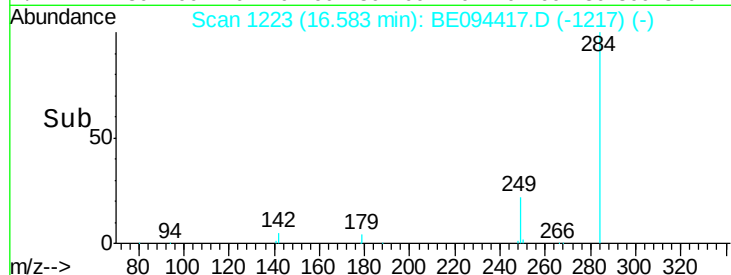
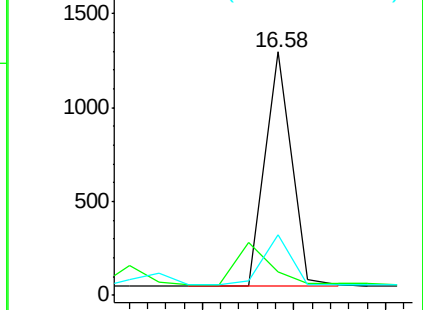
249 22.8 34.8 52.2#



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: 0.441 ng

RT: 17.01 min Scan# 1236

Delta R.T. 0.03 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

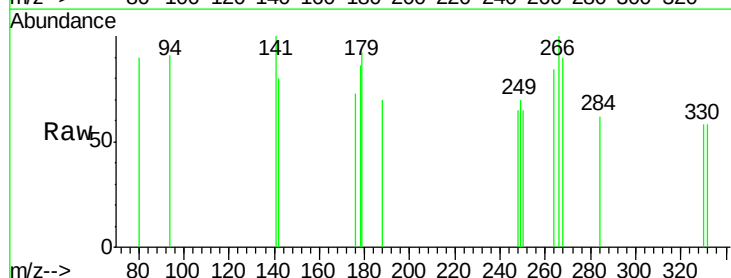
Tgt Ion:266 Resp: 201

Ion Ratio Lower Upper

266 100

264 83.5 72.5 108.7

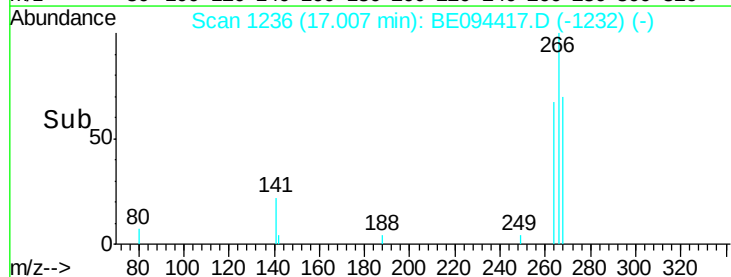
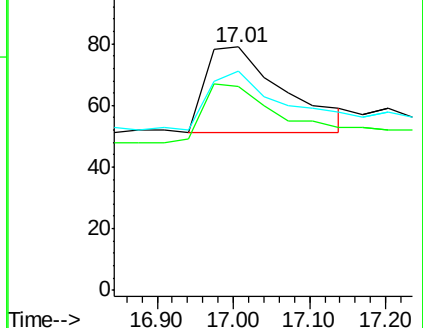
268 89.9 73.8 110.6

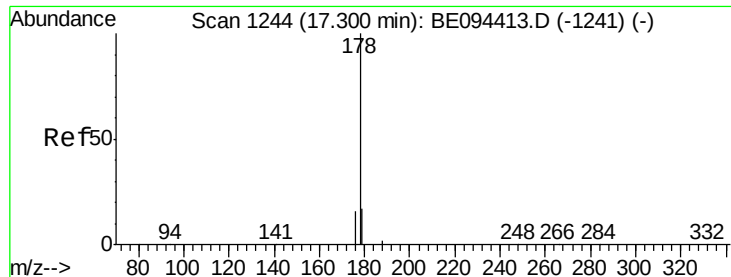


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.483 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

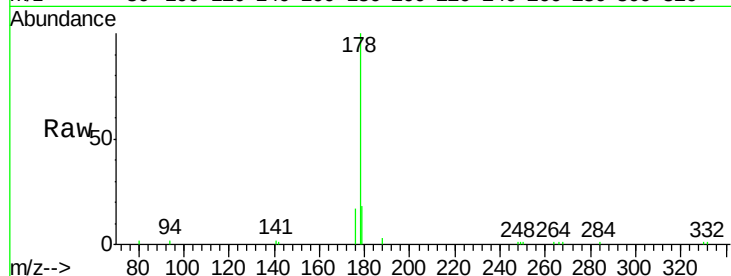
Tgt Ion:178 Resp: 12727

Ion Ratio Lower Upper

178 100

176 26.1 15.1 22.7#

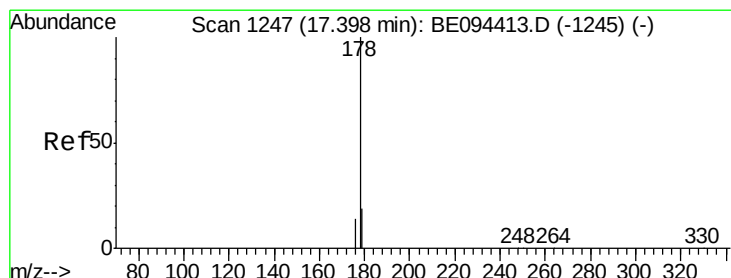
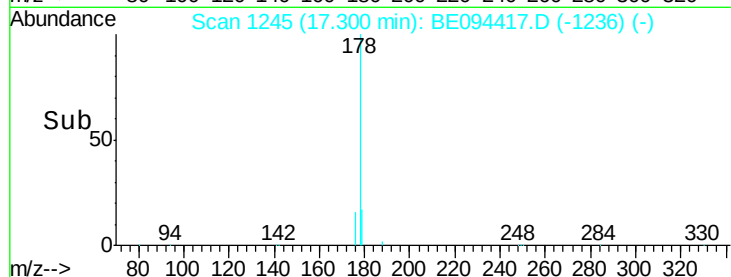
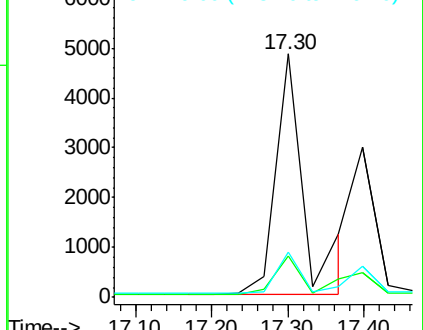
179 15.7 11.8 17.6



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: 0.625 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

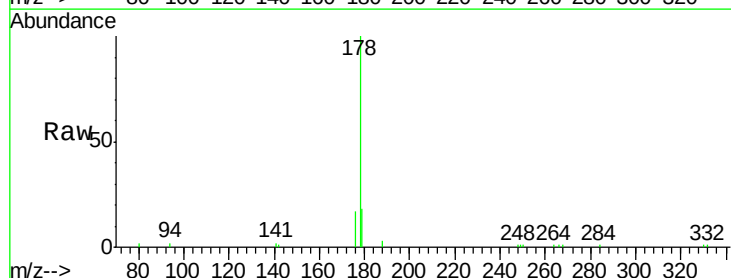
Tgt Ion:178 Resp: 12727

Ion Ratio Lower Upper

178 100

176 25.9 12.8 19.2#

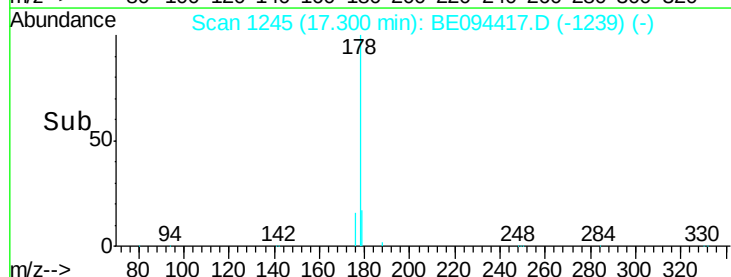
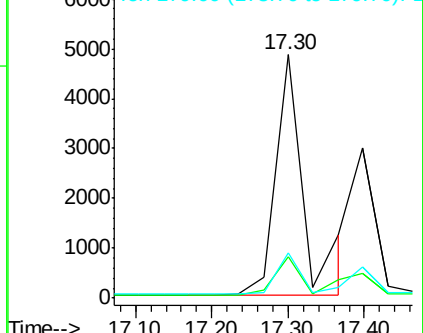
179 15.6 13.0 19.6

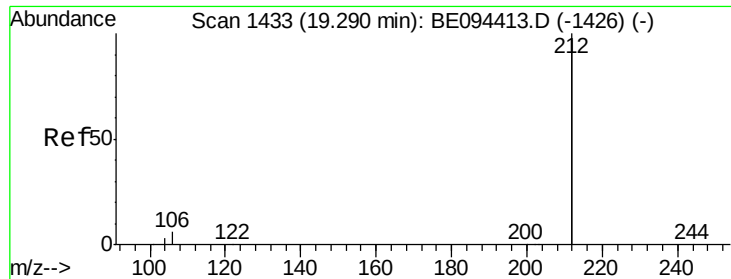


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

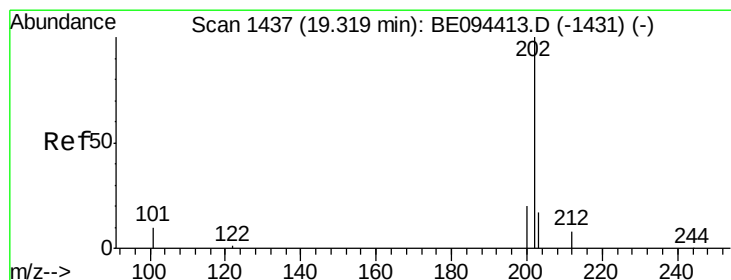
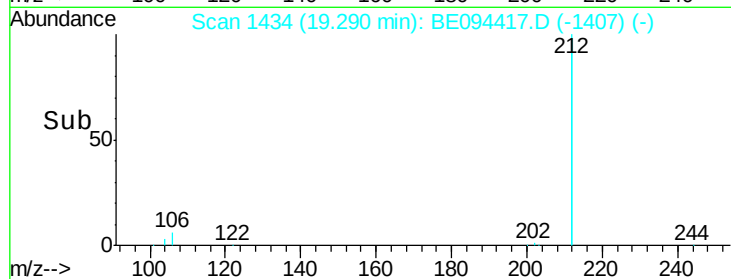
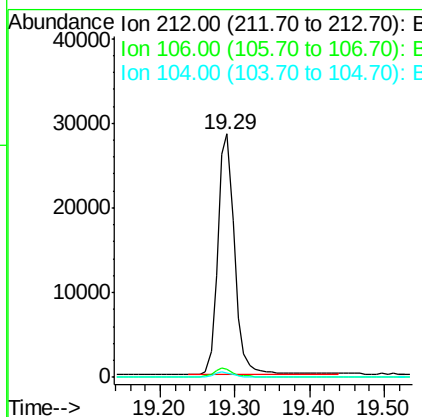
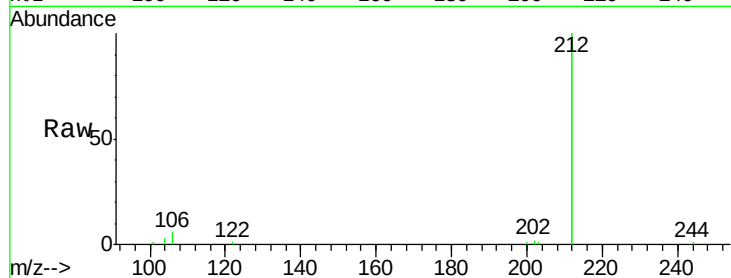




#25
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE094417.D
 Acq: 16 Oct 2017 14:50

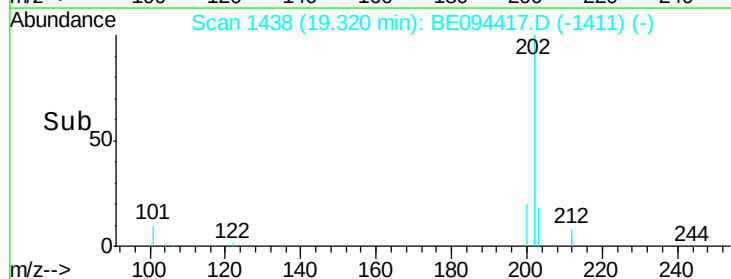
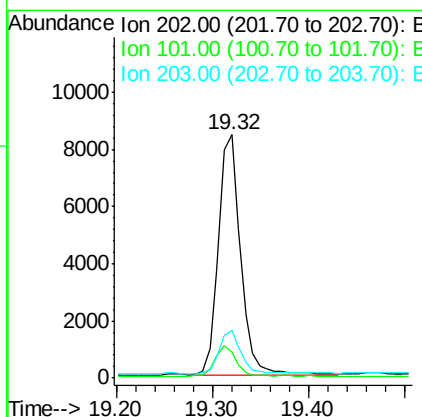
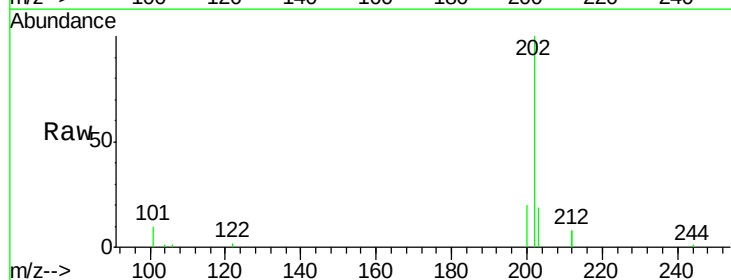
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101617

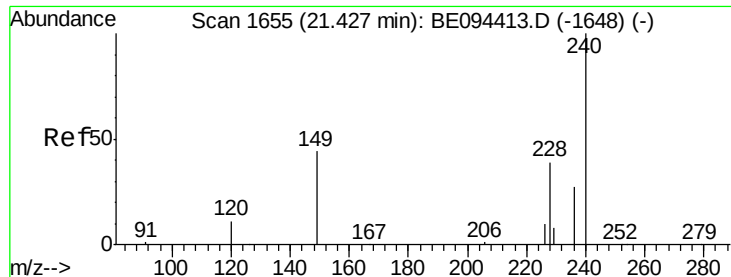
Tgt Ion: 212 Resp: 44659
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.407 ng
 RT: 19.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE094417.D
 Acq: 16 Oct 2017 14:50

Tgt Ion: 202 Resp: 13298
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.8
 203 17.5 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

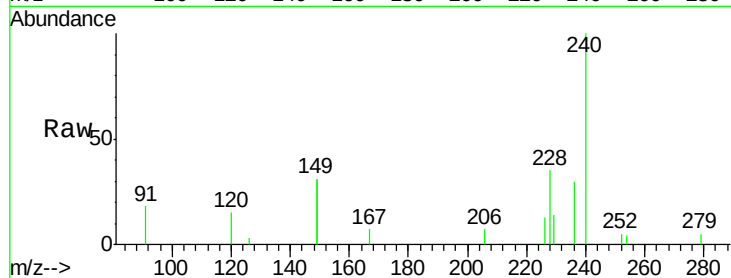
Tgt Ion:240 Resp: 9598

Ion Ratio Lower Upper

240 100

120 15.1 5.5 8.3#

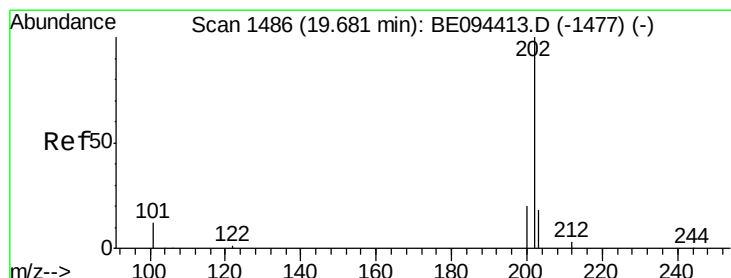
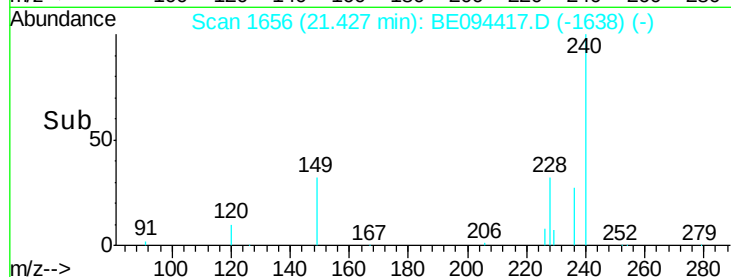
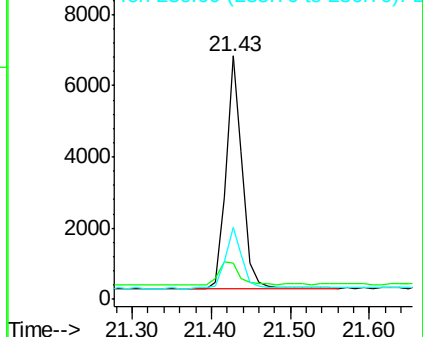
236 29.8 20.7 31.1



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: 0.386 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

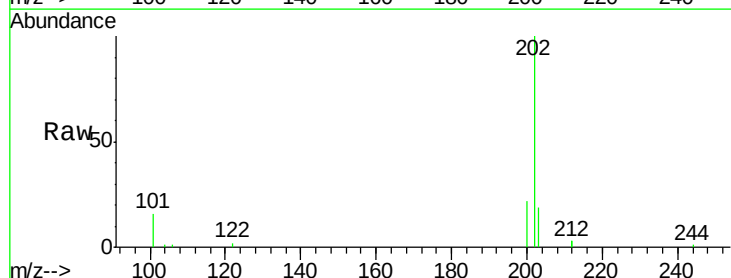
Tgt Ion:202 Resp: 13980

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

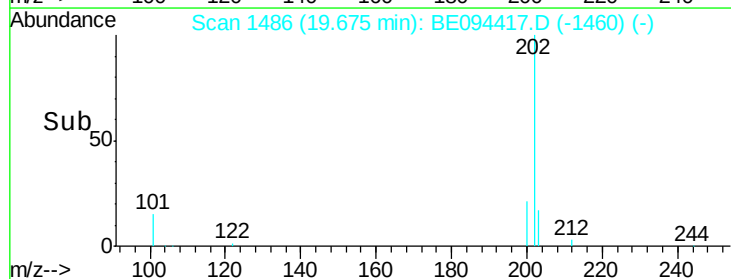
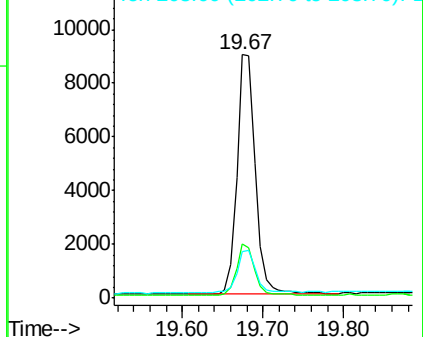
203 18.6 13.8 20.8

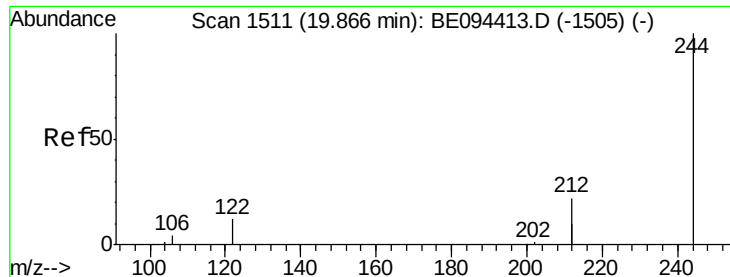


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

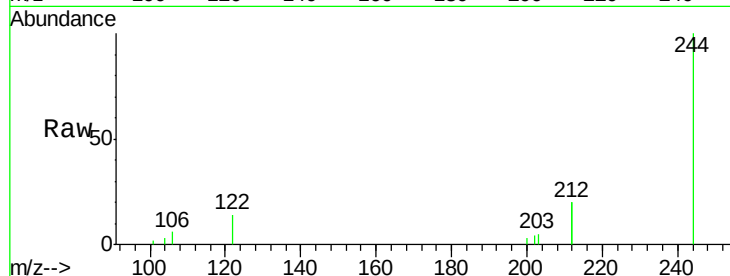
Tgt Ion:244 Resp: 7576

Ion Ratio Lower Upper

244 100

212 39.6 25.4 38.0#

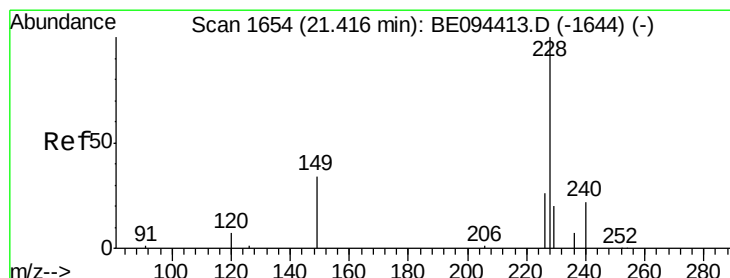
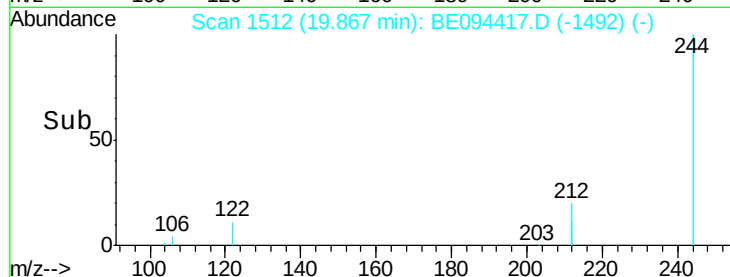
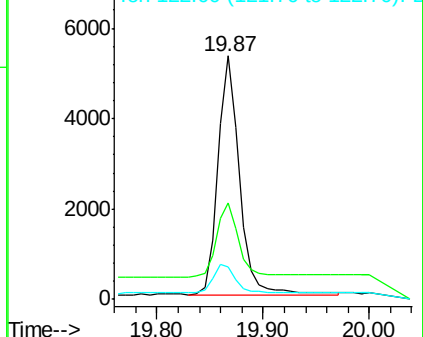
122 13.5 8.1 12.1#



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: 0.391 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

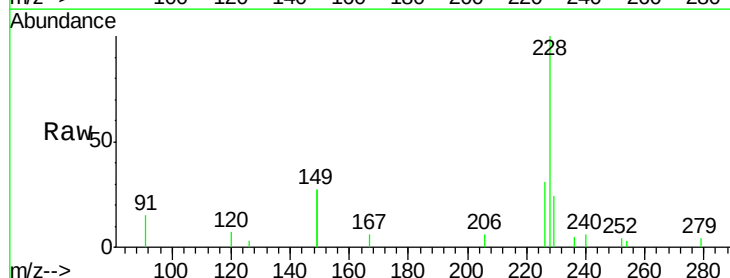
Tgt Ion:228 Resp: 12985

Ion Ratio Lower Upper

228 100

226 31.5 40.0 60.0#

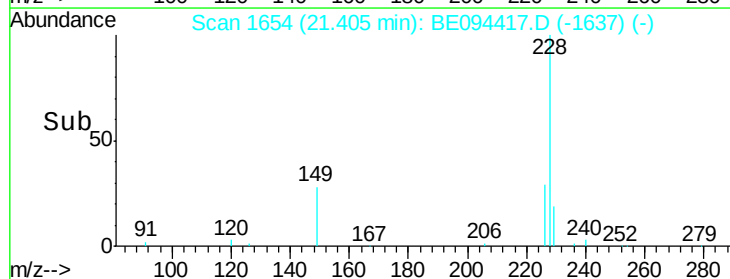
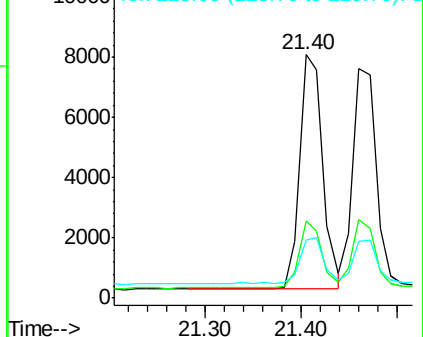
229 23.9 40.0 60.0#

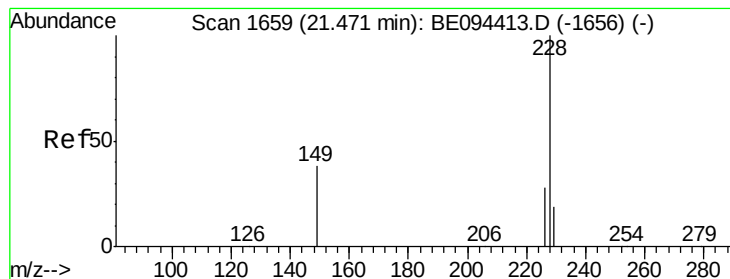


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

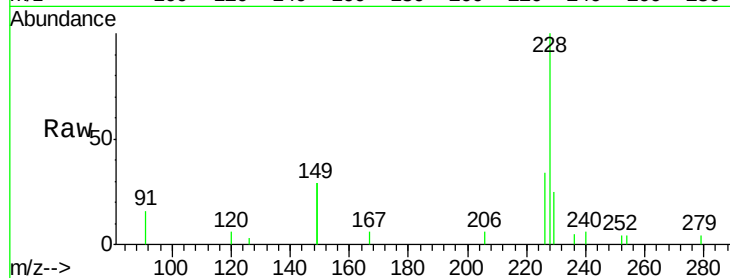
Tgt Ion:228 Resp: 12645

Ion Ratio Lower Upper

228 100

226 34.4 40.0 60.0#

229 24.6 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

10000

8000

6000

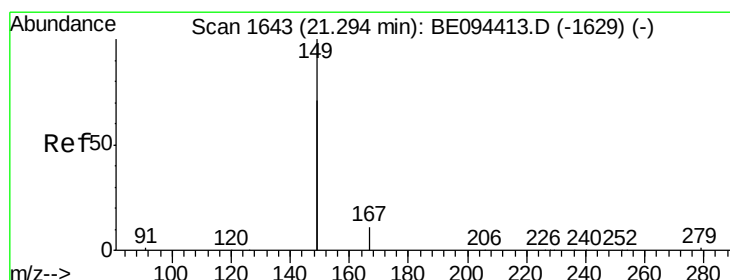
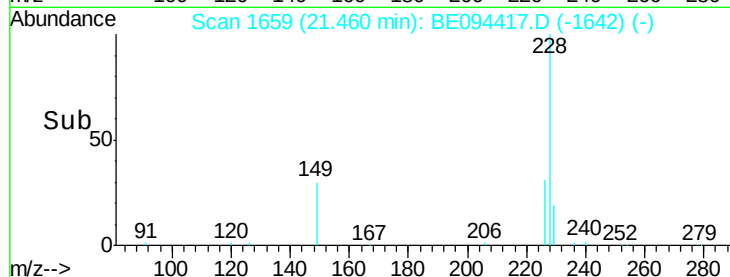
4000

2000

0

21.40 21.46 21.50 21.60

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.386 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

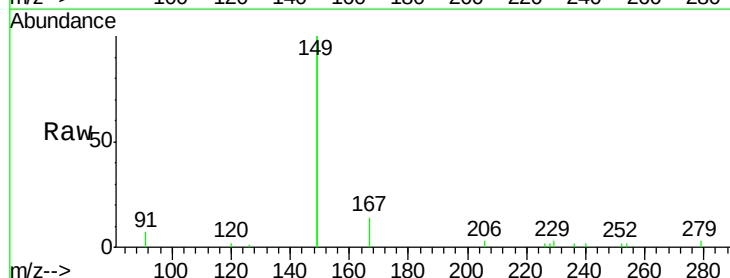
Tgt Ion:149 Resp: 36861

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

279 1.3 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

40000

30000

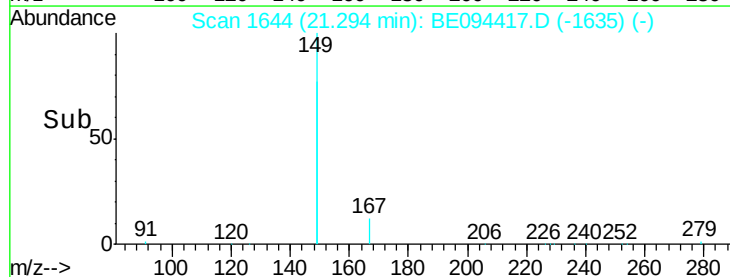
20000

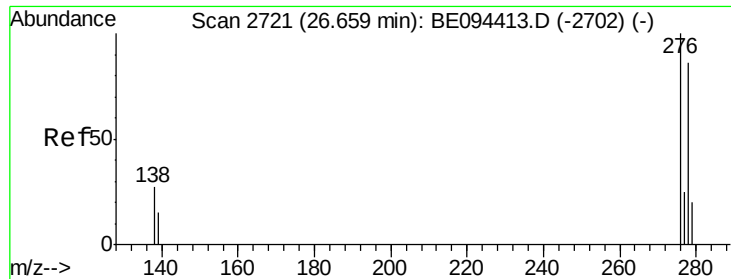
10000

0

21.20 21.29 21.40

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng

RT: 26.65 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

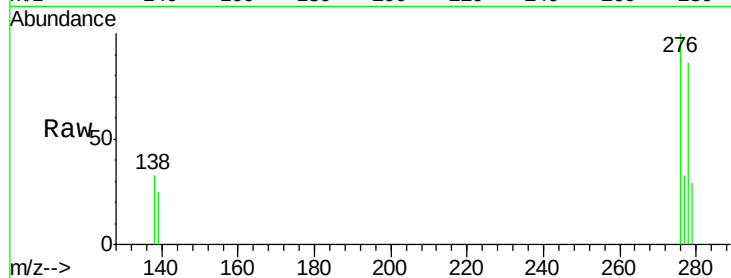
Tgt Ion:276 Resp: 12645

Ion Ratio Lower Upper

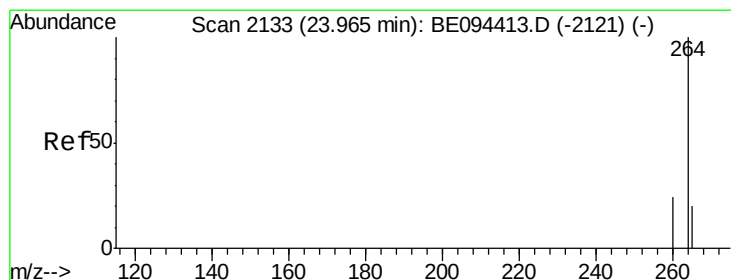
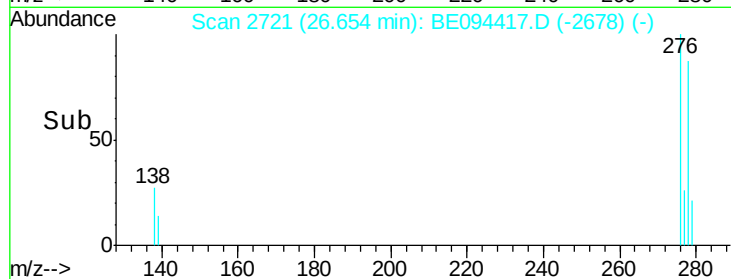
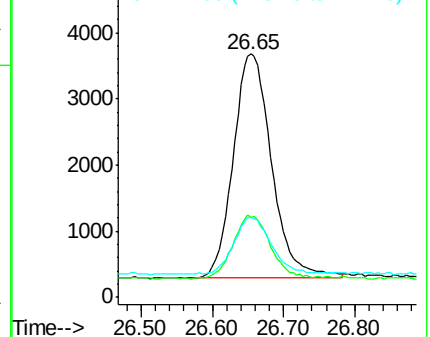
276 100

138 27.5 22.5 33.7

277 24.1 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: 23.96 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

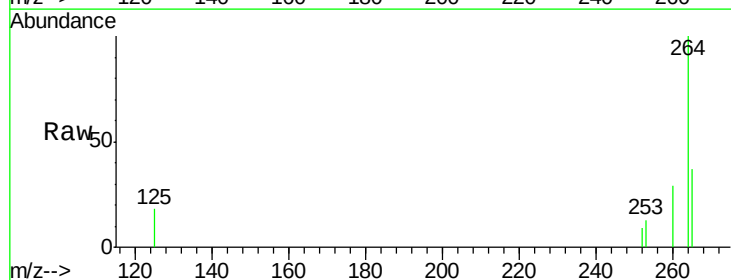
Tgt Ion:264 Resp: 9103

Ion Ratio Lower Upper

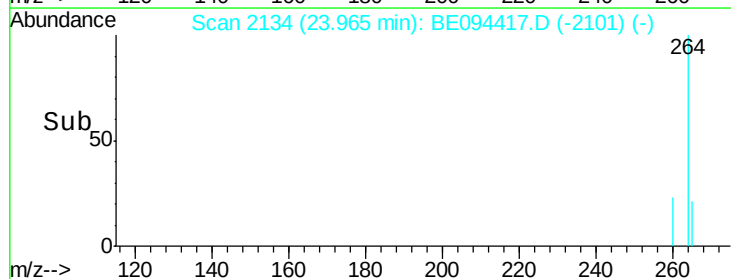
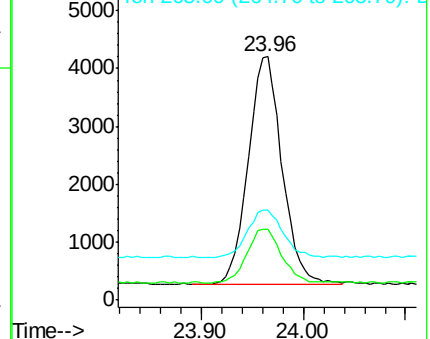
264 100

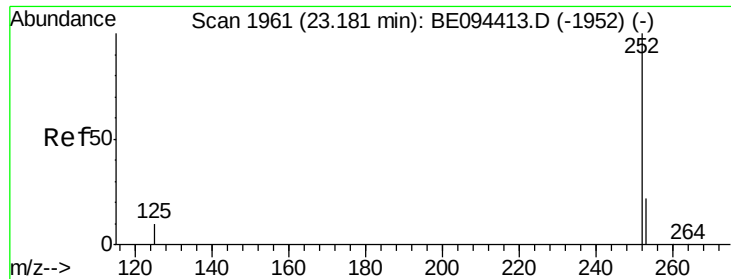
260 29.0 20.5 30.7

265 37.2 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: 0.385 ng

RT: 23.18 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

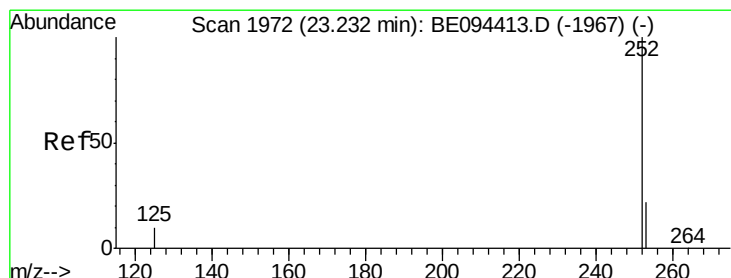
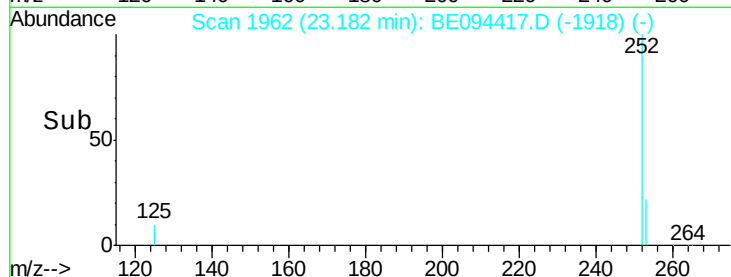
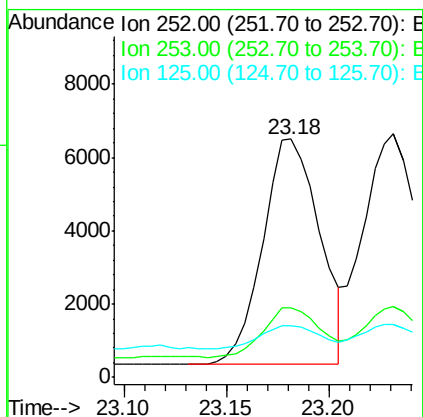
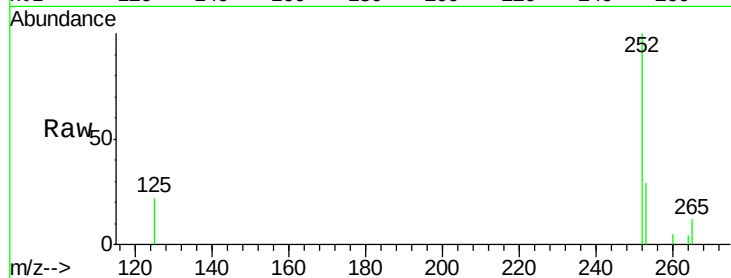
Tgt Ion:252 Resp: 11902

Ion Ratio Lower Upper

252 100

253 29.0 48.0 72.0#

125 21.7 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.401 ng

RT: 23.23 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

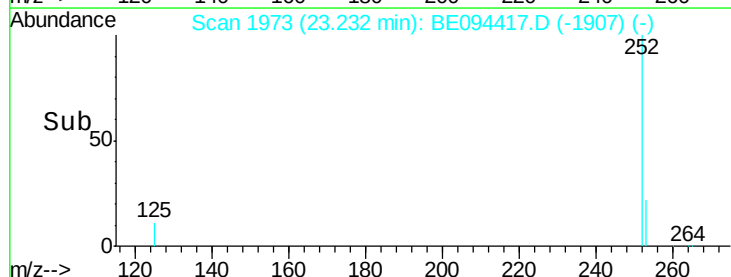
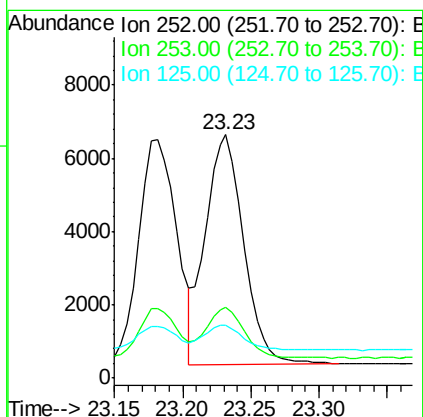
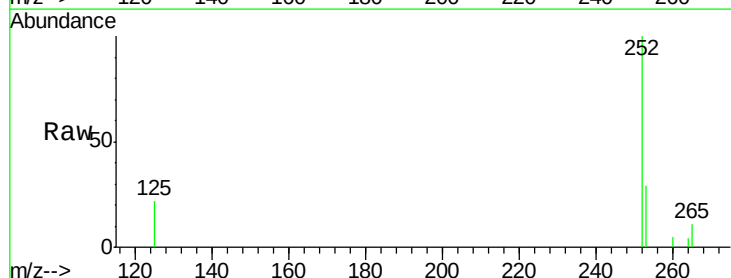
Tgt Ion:252 Resp: 12212

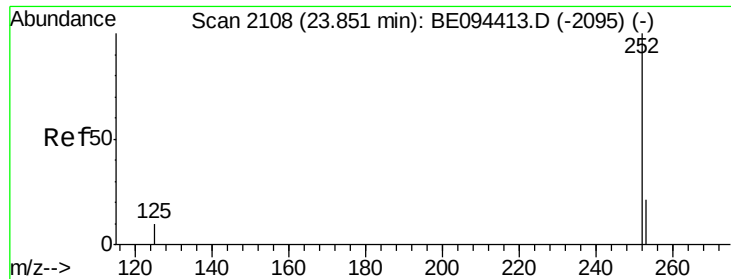
Ion Ratio Lower Upper

252 100

253 28.9 48.0 72.0#

125 21.6 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.85 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617

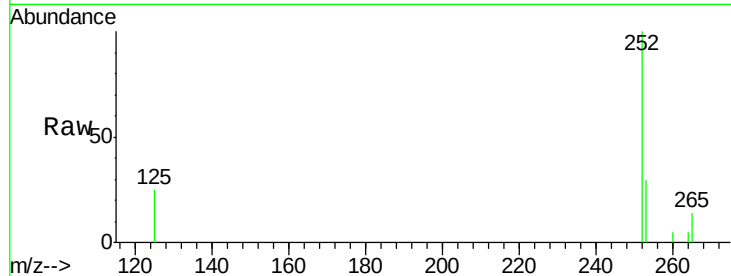
Tgt Ion: 252 Resp: 11479

Ion Ratio Lower Upper

252 100

253 29.8 52.0 78.0#

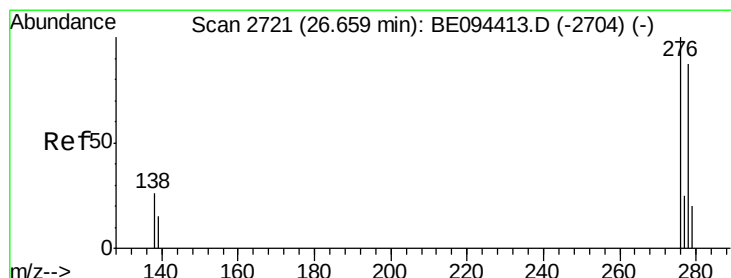
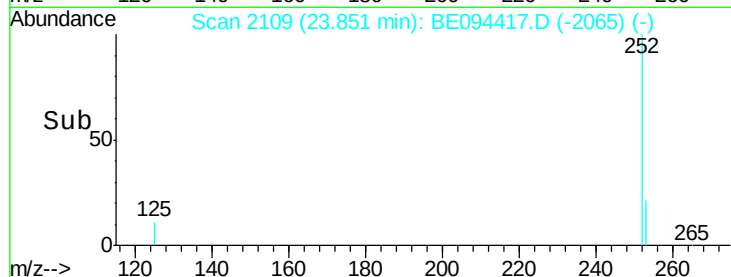
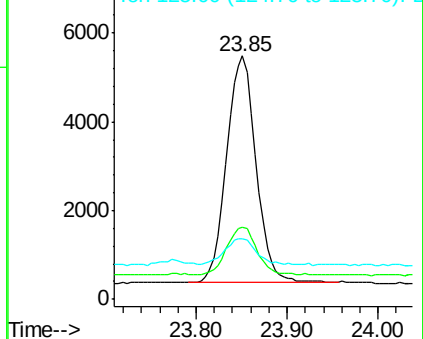
125 25.0 68.0 102.0#



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: 0.400 ng

RT: 26.66 min Scan# 2722

Delta R.T. -0.00 min

Lab File: BE094417.D

Acq: 16 Oct 2017 14:50

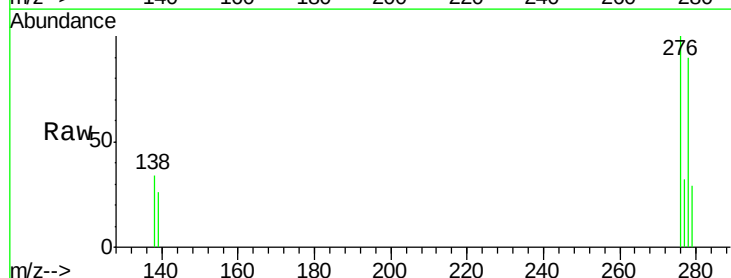
Tgt Ion: 278 Resp: 10981

Ion Ratio Lower Upper

278 100

139 29.0 56.0 84.0#

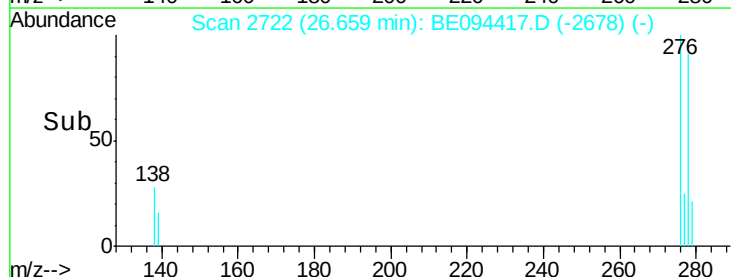
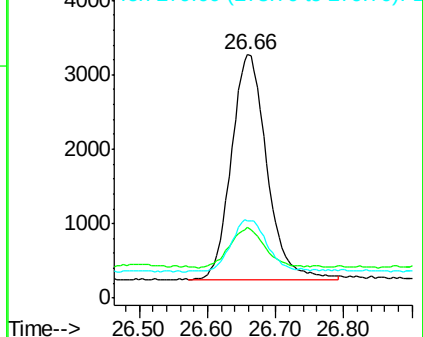
279 31.9 52.0 78.0#

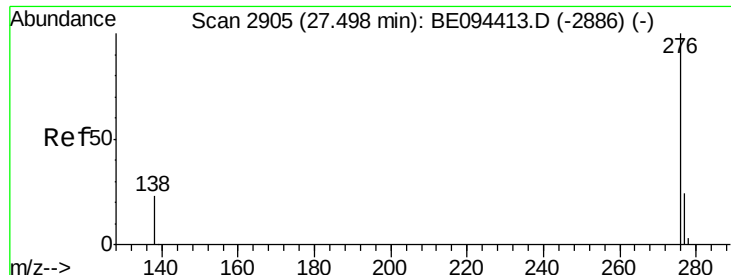


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.392 ng

RT: 27.49 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BE094417.D

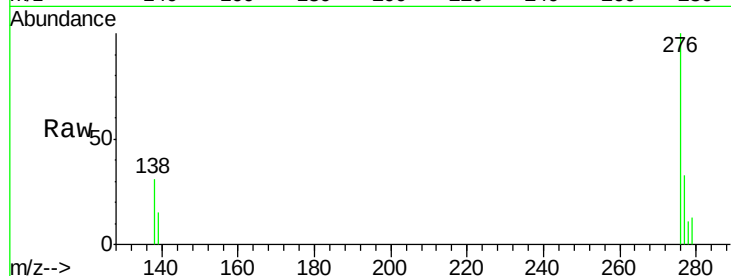
Acq: 16 Oct 2017 14:50

Instrument :

BNA_E

ClientSampleId :

ICVBE101617



Tgt Ion: 276 Resp: 10359

Ion Ratio Lower Upper

276 100

277 33.3 52.0 78.0#

138 30.6 44.0 66.0#

