

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
 Data File : BE094500.D
 Acq On : 23 Oct 2017 17:54
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 23 19:10:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 17:28:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1256	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7039	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4109	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13053	0.40	ng	0.00
27) Chrysene-d12	21.42	240	9793	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9060	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	14110	3.32	ng	0.00
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	9.04	82	20068	3.28	ng	-0.03
11) 2-Methylnaphthalene-d10	12.27	152	35039	3.23	ng	-0.02
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.13	172	45796	3.12	ng	-0.01
25) Fluoranthene-d10	19.28	212	344608	1.64	ng	0.00
29) Terphenyl-d14	19.85	244	59372	3.00	ng	-0.01

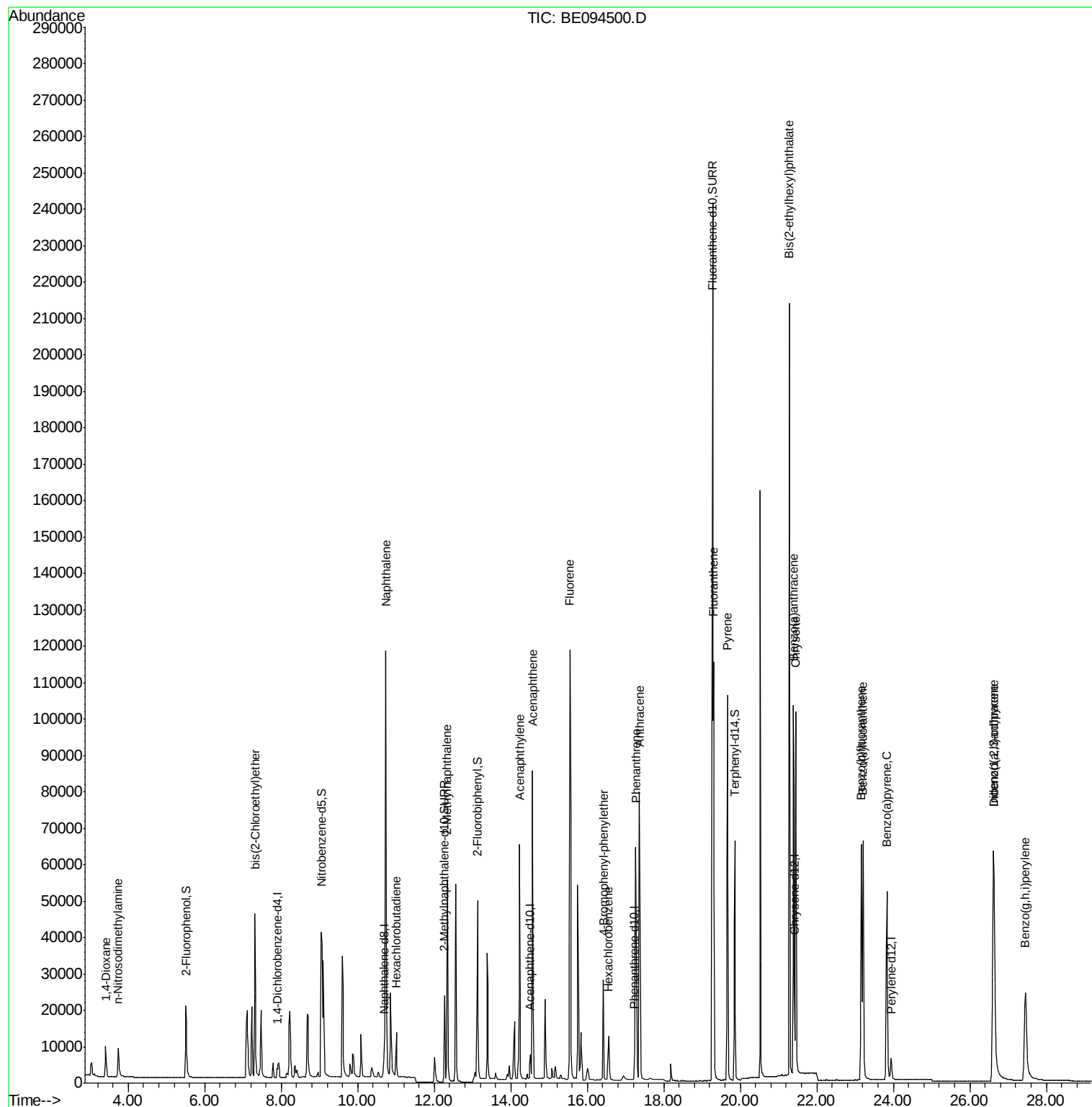
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	6070	2.770	ng	# 82
3) n-Nitrosodimethylamine	3.73	42	6993	3.204	ng	# 84
6) bis(2-Chloroethyl)ether	7.32	93	16274	3.324	ng	99
9) Naphthalene	10.74	128	246651	3.134	ng	99
10) Hexachlorobutadiene	11.01	225	8879	2.822	ng	98
12) 2-Methylnaphthalene	12.34	142	42392	3.267	ng	97
16) Acenaphthylene	14.23	152	70760	3.176	ng	100
17) Acenaphthene	14.57	154	43077	3.070	ng	97
18) Fluorene	15.55	166	57382	3.171	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	22159	3.394	ng	# 80
21) Hexachlorobenzene	16.55	284	10393	0.873	ng	# 61
23) Phenanthrene	17.27	178	98340	1.914	ng	97
24) Anthracene	17.37	178	120382	3.033	ng	95
26) Fluoranthene	19.30	202	104849	1.645	ng	100
28) Pyrene	19.67	202	107628	2.913	ng	100
30) Benzo(a)anthracene	21.39	228	102148	3.016	ng	# 61
31) Chrysene	21.45	228	99335	3.047	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.28	149	237326	2.433	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	94762	2.886	ng	100
35) Benzo(b)fluoranthene	23.16	252	95963	3.123	ng	# 38
36) Benzo(k)fluoranthene	23.21	252	96905	3.200	ng	# 38
37) Benzo(a)pyrene	23.83	252	91028	3.151	ng	# 31
38) Dibenzo(a,h)anthracene	26.62	278	82415	3.014	ng	# 42
39) Benzo(g,h,i)perylene	27.45	276	76073	2.893	ng	# 53

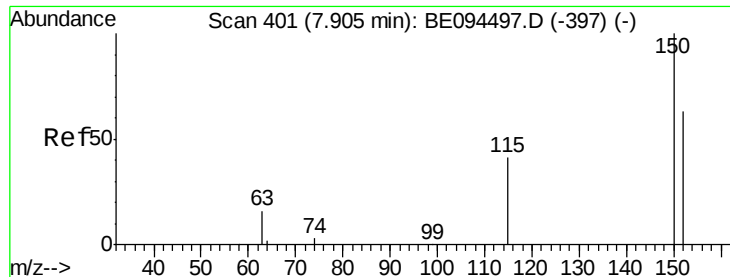
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 400

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

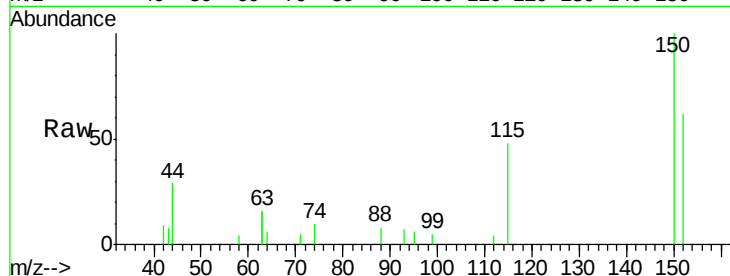
Tgt Ion: 152 Resp: 1256

Ion Ratio Lower Upper

152 100

150 161.7 117.2 175.8

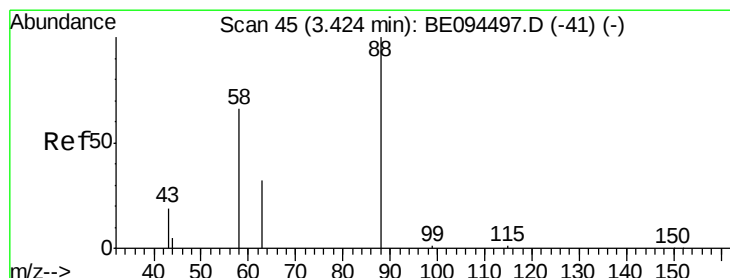
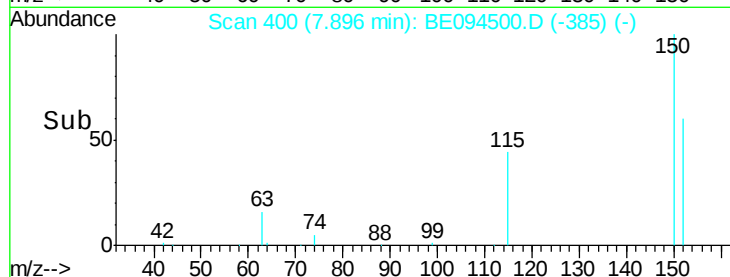
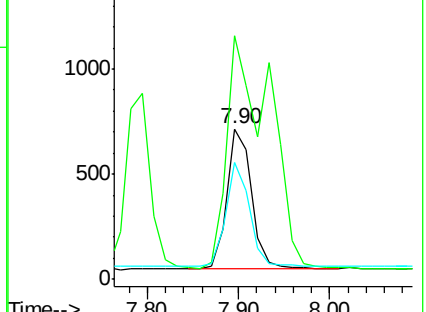
115 77.5 57.0 85.6



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: 2.770 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

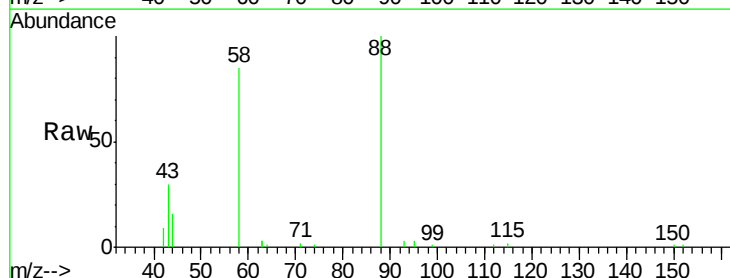
Tgt Ion: 88 Resp: 6070

Ion Ratio Lower Upper

88 100

58 87.4 63.2 94.8

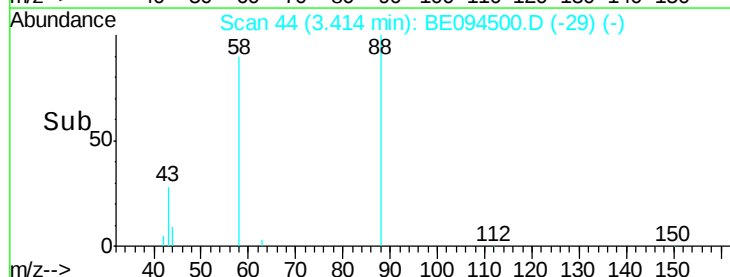
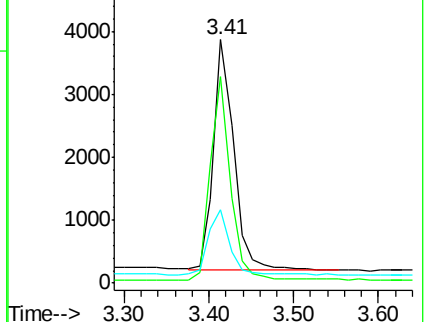
43 29.5 41.2 61.8#

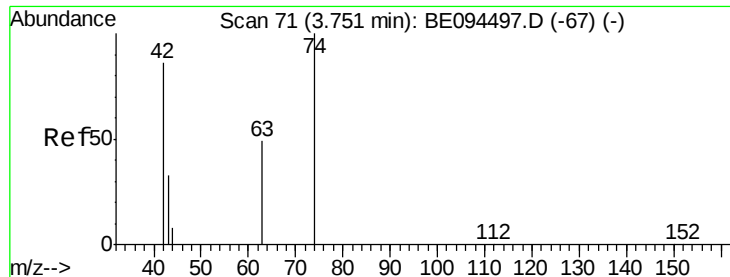


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



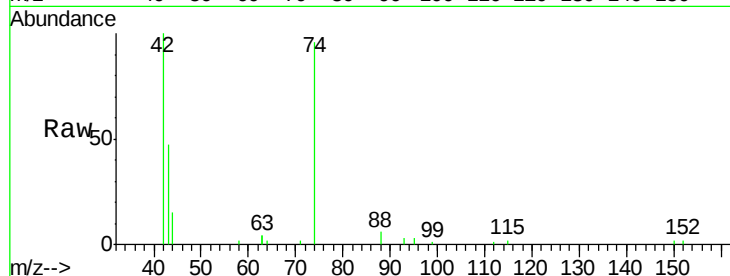


#3

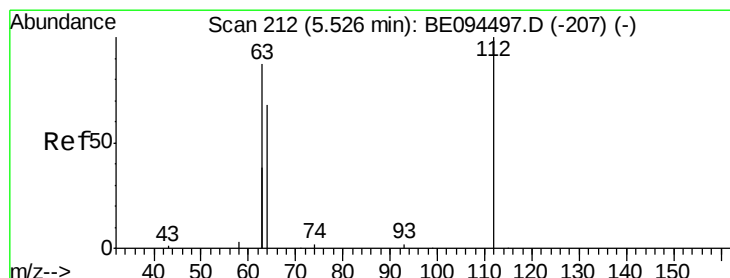
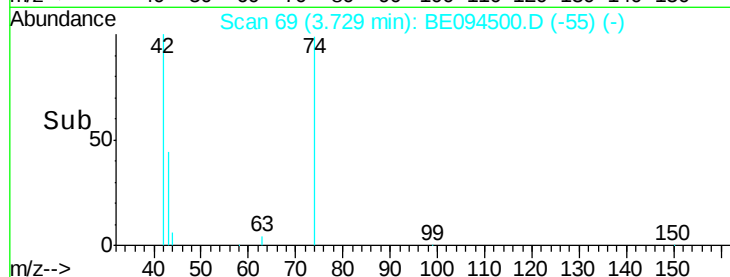
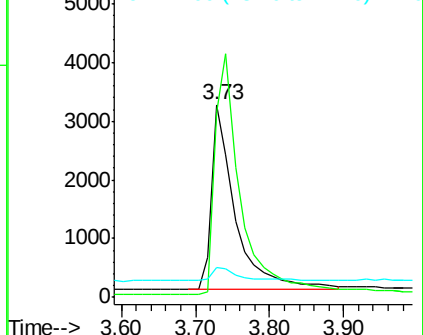
n-Nitrosodimethylamine
Concen: 3.204 ng
RT: 3.73 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE094500.D
Acq: 23 Oct 2017 17:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 6993
Ion Ratio Lower Upper
42 100
74 141.9 100.3 150.5
44 8.5 17.0 25.4#



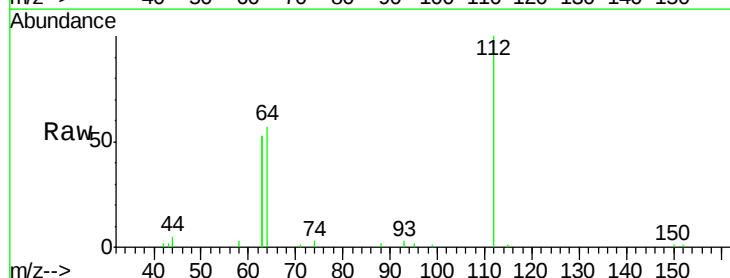
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



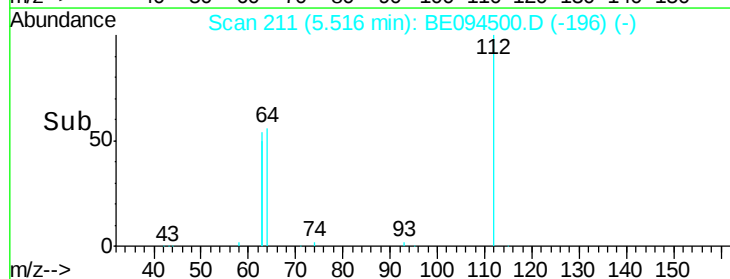
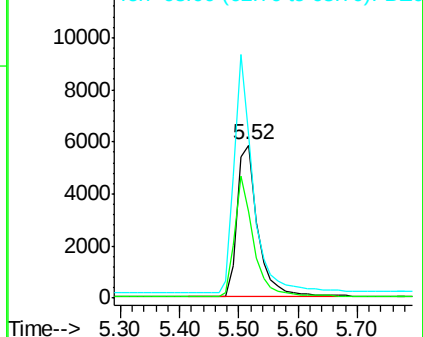
#4

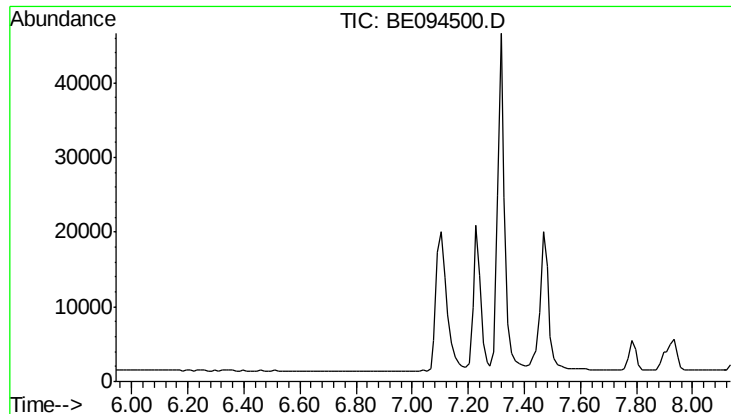
2-Fluorophenol
Concen: 3.324 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094500.D
Acq: 23 Oct 2017 17:54

Tgt Ion: 112 Resp: 14110
Ion Ratio Lower Upper
112 100
64 72.1 60.1 90.1
63 140.1 116.8 175.2



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: 0.000 ng

Expected RT: 7.14 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

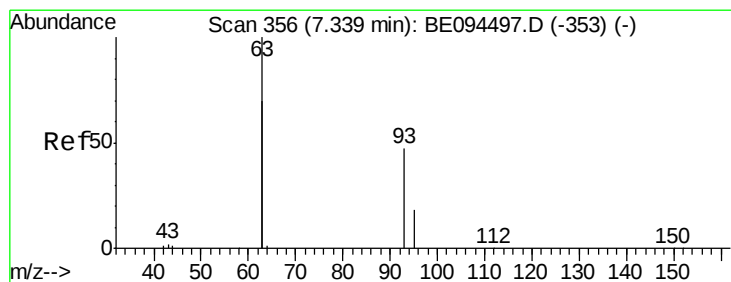
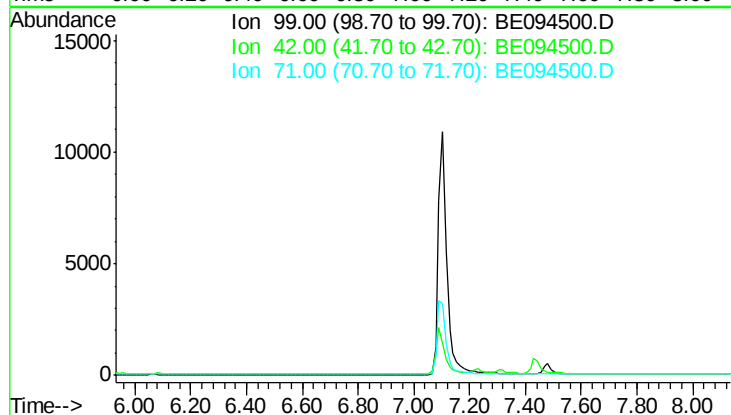
Tgt Ion: 99

Sig Exp Ratio

99 100

42 25.2

71 35.5



#6

bis(2-Chloroethyl)ether

Concen: 3.324 ng

RT: 7.32 min Scan# 354

Delta R.T. -0.02 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

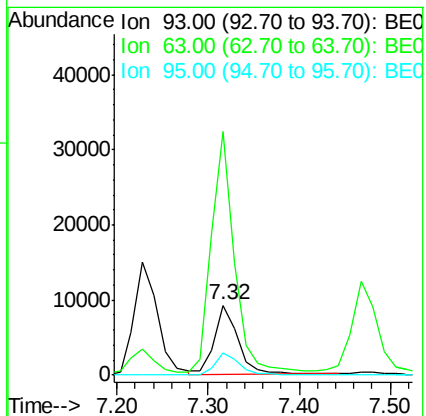
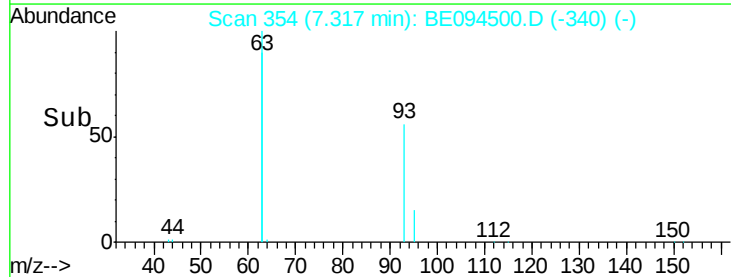
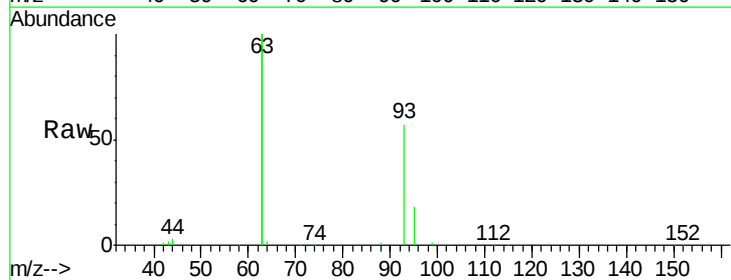
Tgt Ion: 93 Resp: 16274

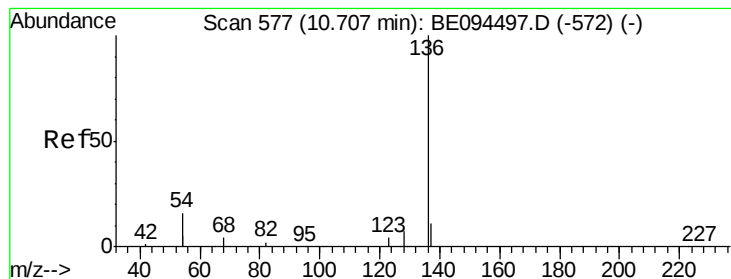
Ion Ratio Lower Upper

93 100

63 341.8 275.3 412.9

95 31.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 7039

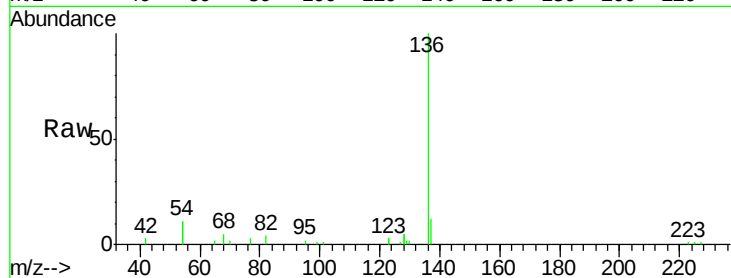
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 23.0 29.1 43.7#

68 5.0 6.2 9.2#

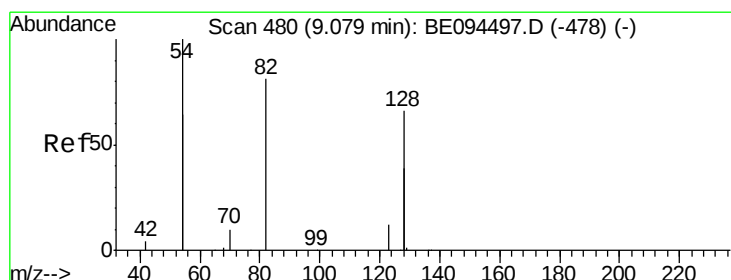
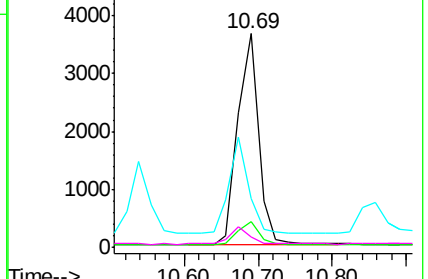
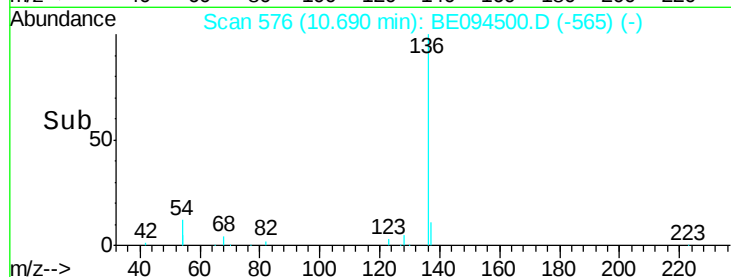


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.281 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.03 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

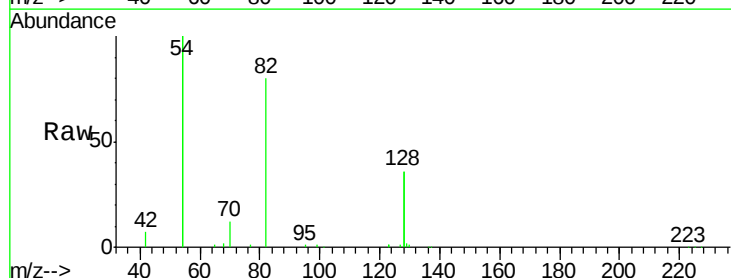
Tgt Ion: 82 Resp: 20068

Ion Ratio Lower Upper

82 100

128 91.0 150.0 225.0#

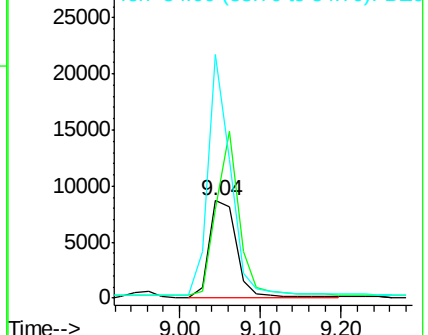
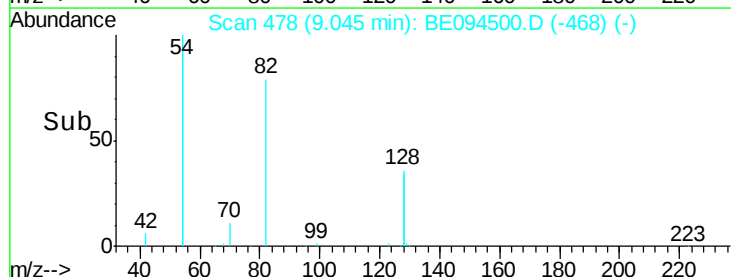
54 250.7 154.2 231.4#

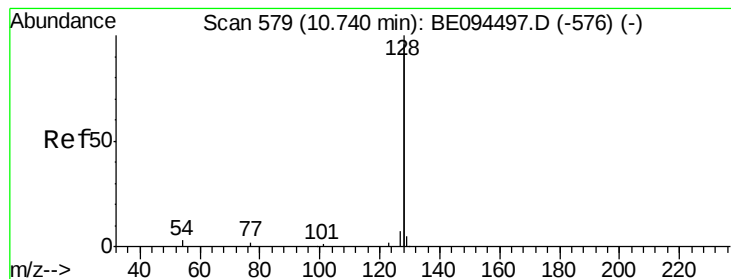


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.134 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

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ClientSampleId :

SSTDICC3.2

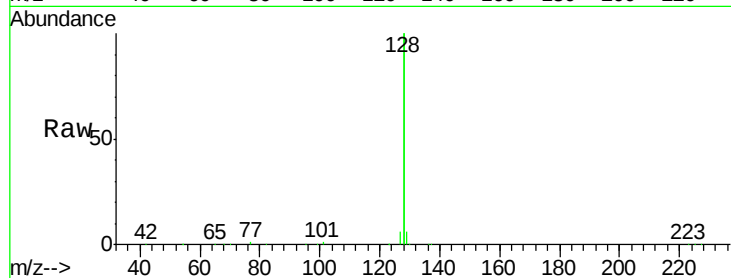
Tgt Ion:128 Resp: 246651

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

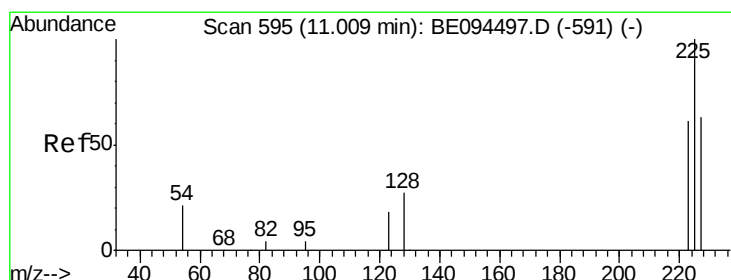
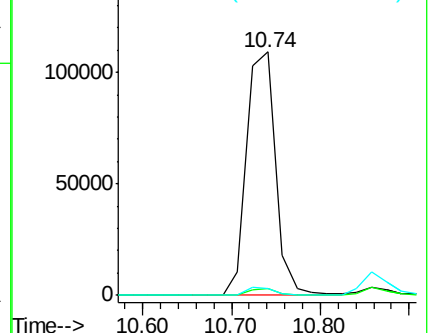
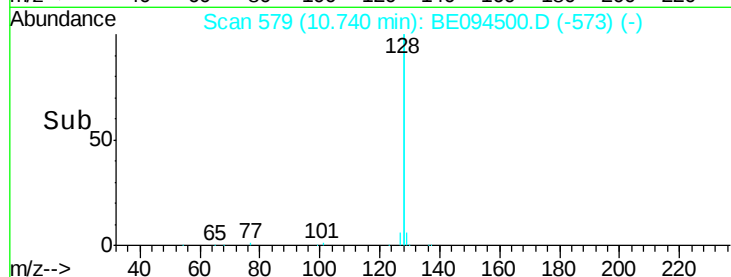
127 3.1 2.8 4.2



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: 2.822 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

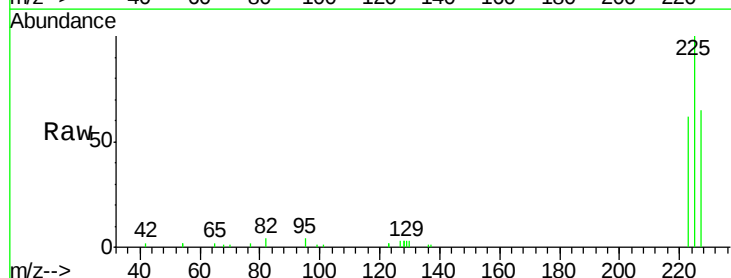
Tgt Ion:225 Resp: 8879

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

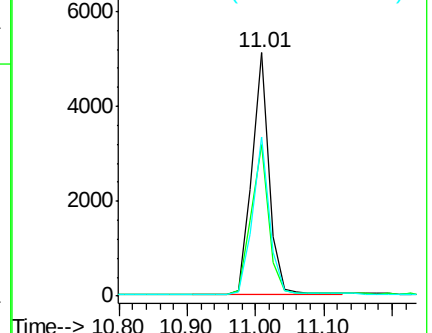
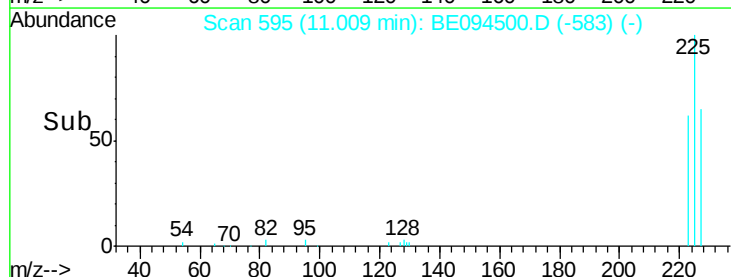
227 64.1 51.4 77.2

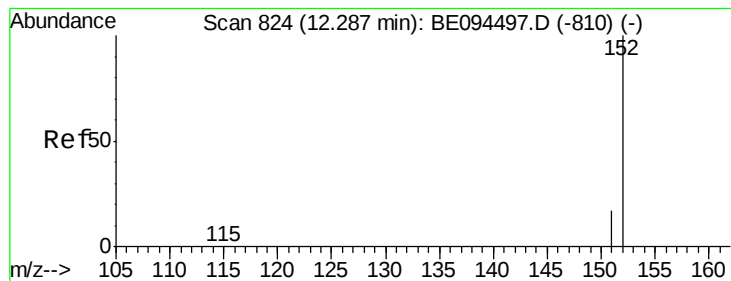


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.229 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.02 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

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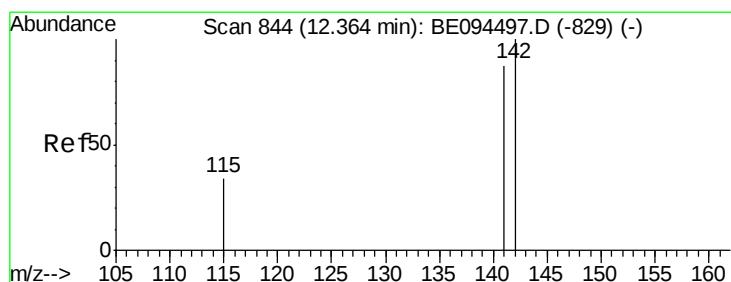
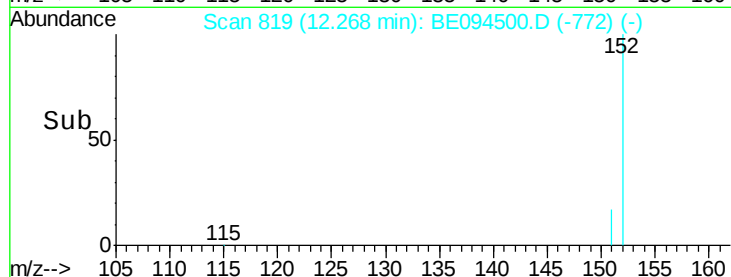
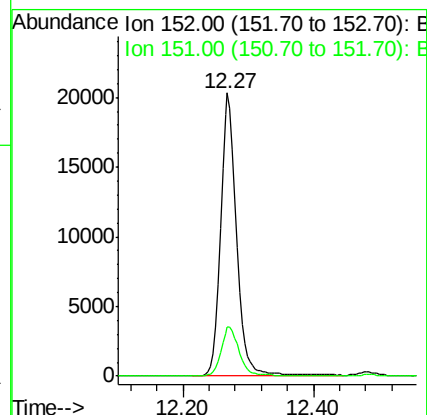
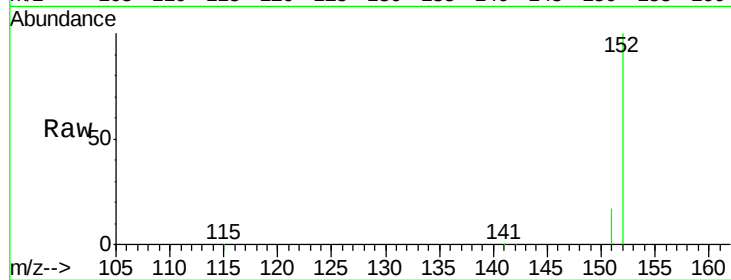
SSTDICC3.2

Tgt Ion:152 Resp: 35039

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.267 ng

RT: 12.34 min Scan# 839

Delta R.T. -0.02 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

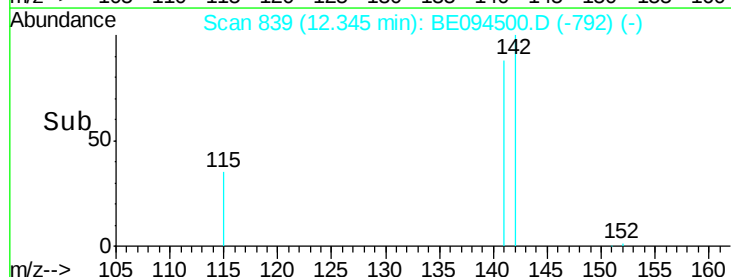
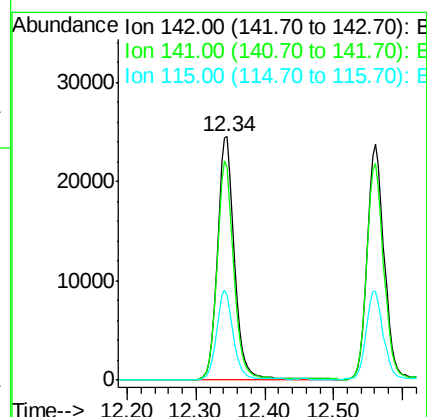
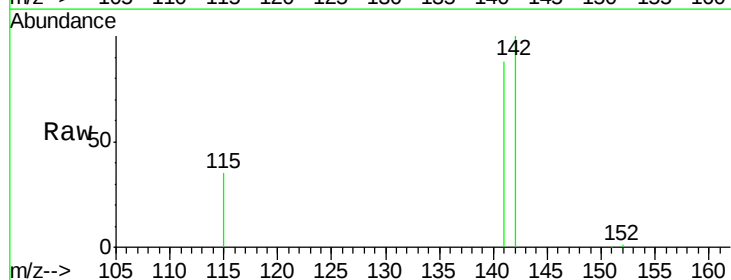
Tgt Ion:142 Resp: 42392

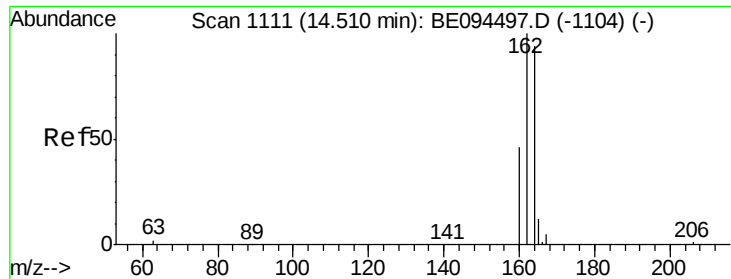
Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 35.1 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

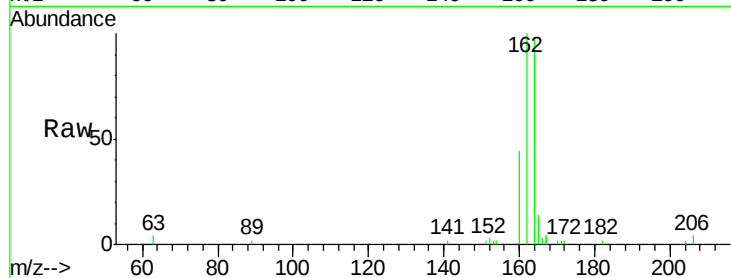
Tgt Ion: 164 Resp: 4109

Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

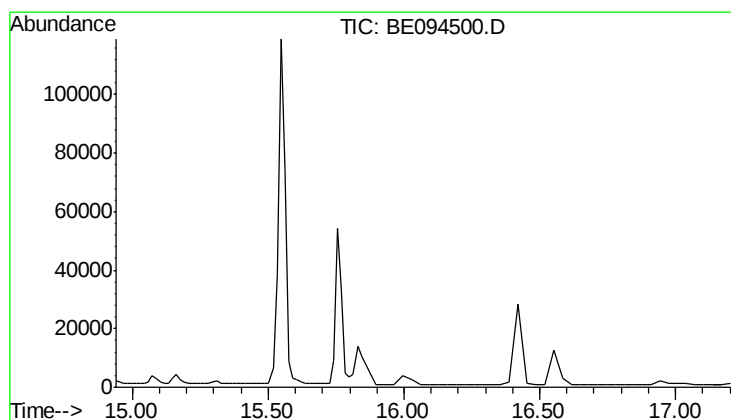
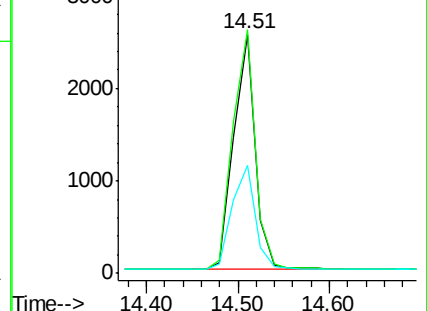
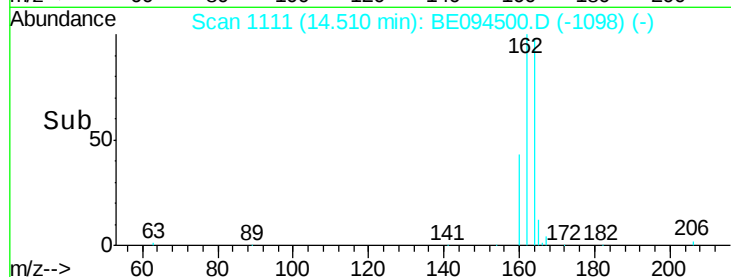
160 45.0 37.1 55.7



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: 0.000 ng

Expected RT: 16.03 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

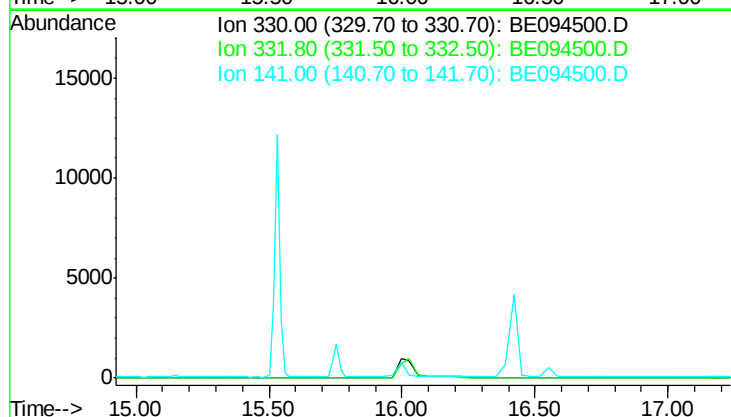
Tgt Ion: 330

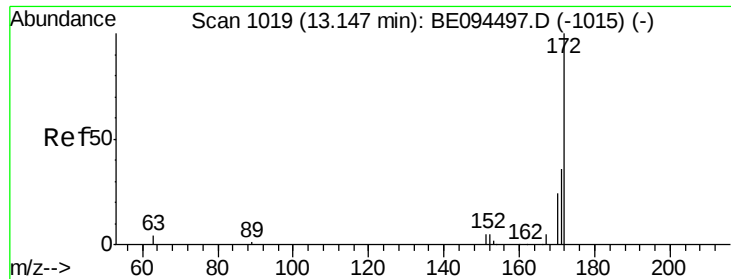
Sig Exp Ratio

330 100

332 190.9

141 42.1

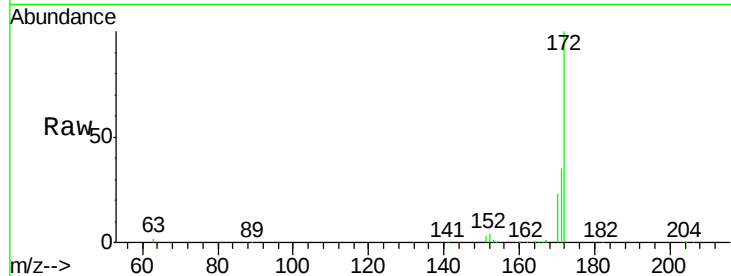




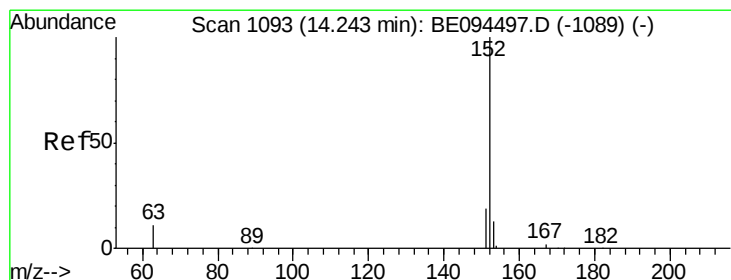
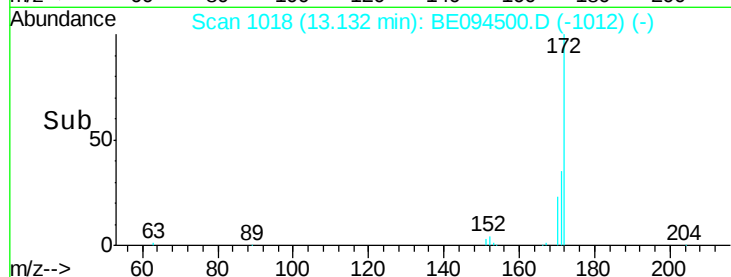
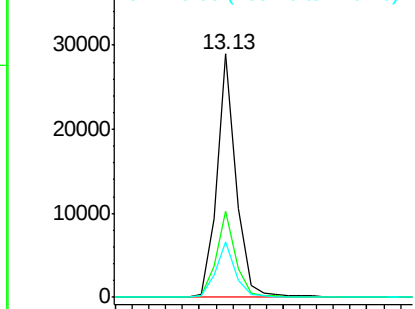
#15
2-Fluorobiphenyl
Concen: 3.122 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094500.D
Acq: 23 Oct 2017 17:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 45796
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 23.0 21.8 32.8

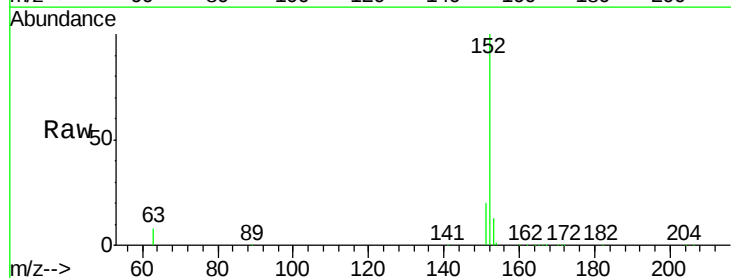


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

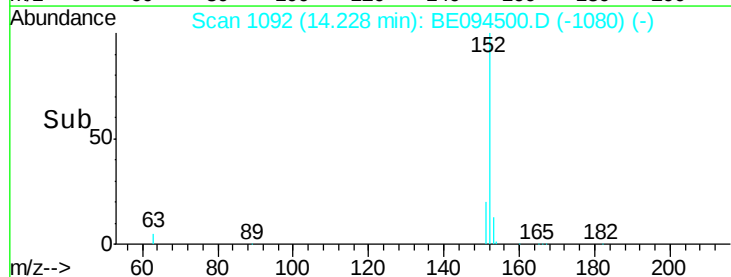
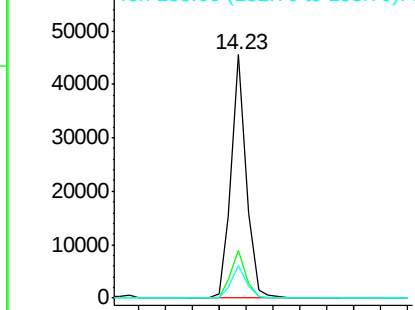


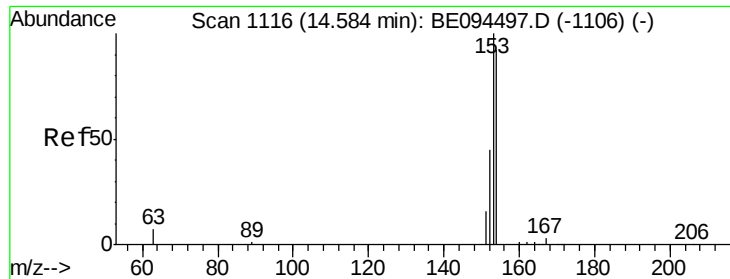
#16
Acenaphthylene
Concen: 3.176 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094500.D
Acq: 23 Oct 2017 17:54

Tgt Ion:152 Resp: 70760
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7



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





#17

Acenaphthene

Concen: 3.070 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

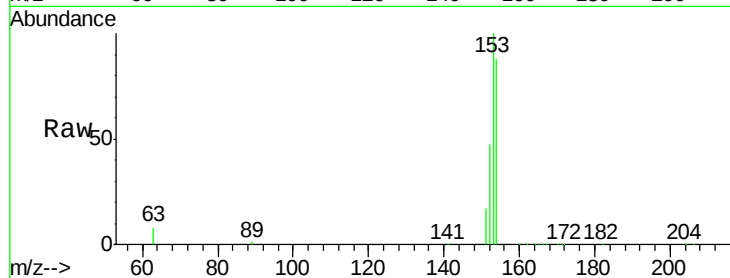
Tgt Ion:154 Resp: 43077

Ion Ratio Lower Upper

154 100

153 114.7 89.2 133.8

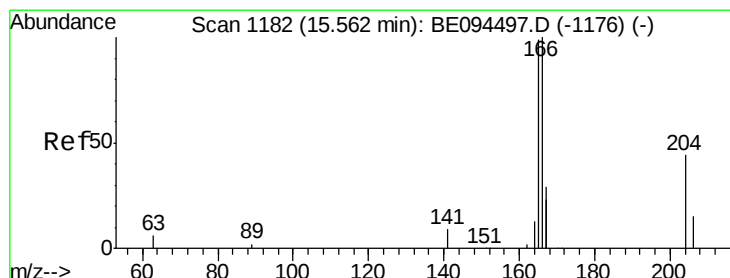
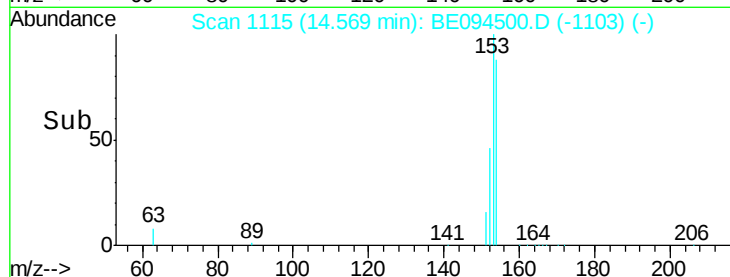
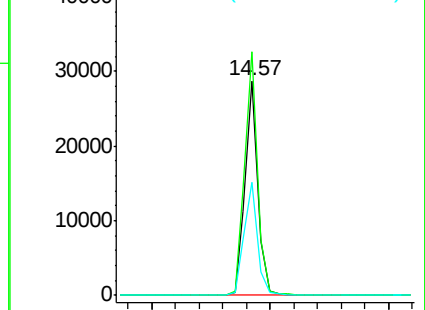
152 54.6 42.0 63.0



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: 3.171 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

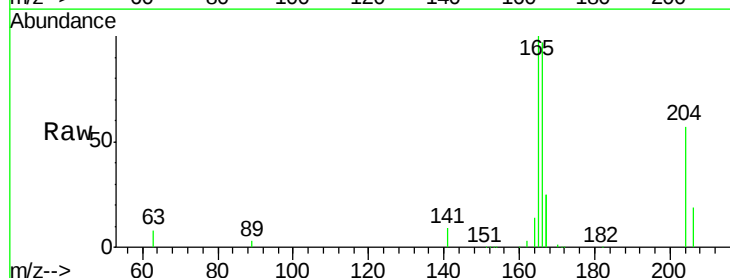
Tgt Ion:166 Resp: 57382

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

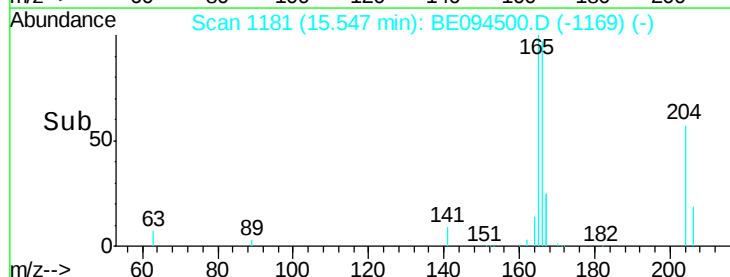
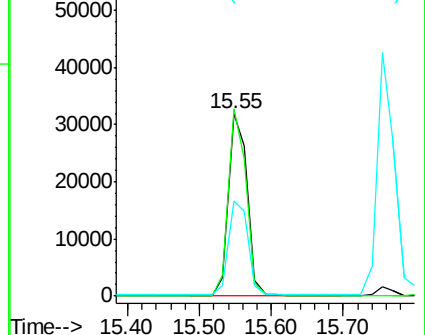
167 53.9 42.4 63.6

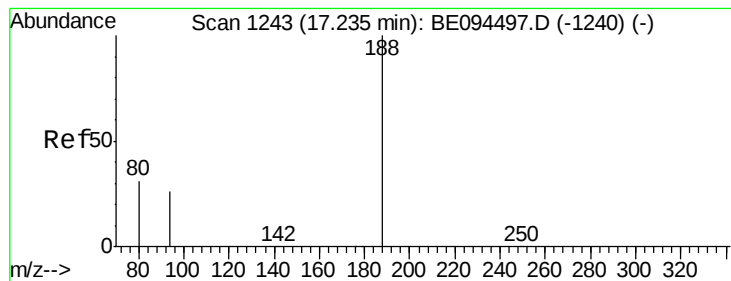


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

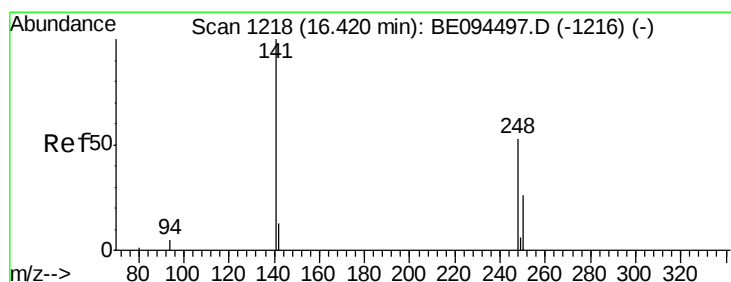
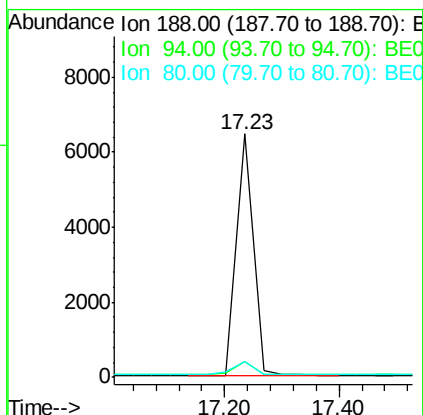
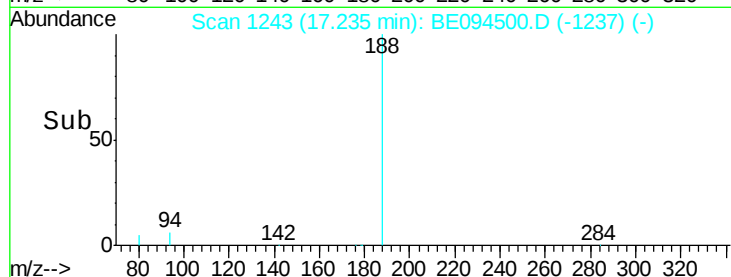
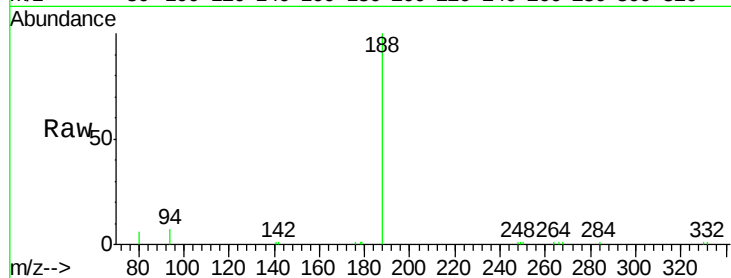
Tgt Ion:188 Resp: 13053

Ion Ratio Lower Upper

188 100

94 6.5 3.9 5.9#

80 6.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 3.394 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

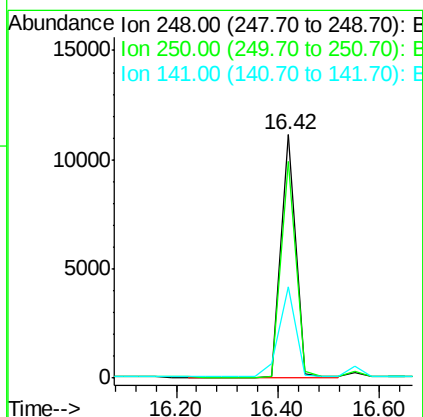
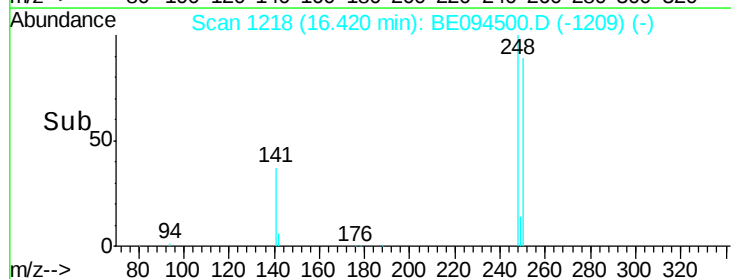
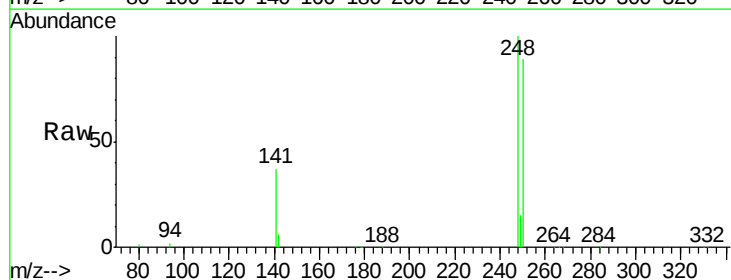
Tgt Ion:248 Resp: 22159

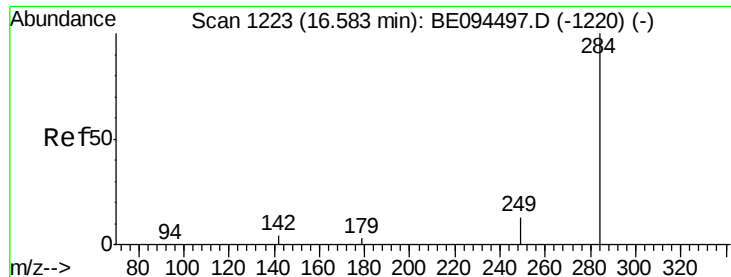
Ion Ratio Lower Upper

248 100

250 89.1 62.7 94.1

141 37.3 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.873 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

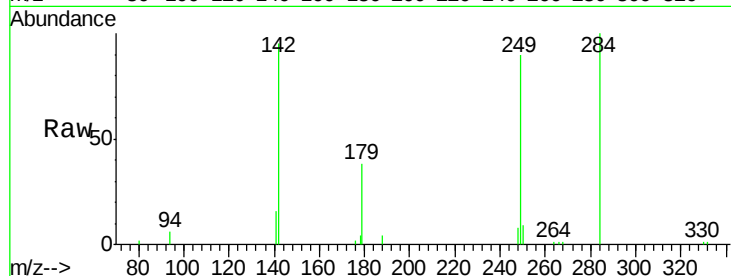
Tgt Ion:284 Resp: 10393

Ion Ratio Lower Upper

284 100

142 61.7 22.1 33.1#

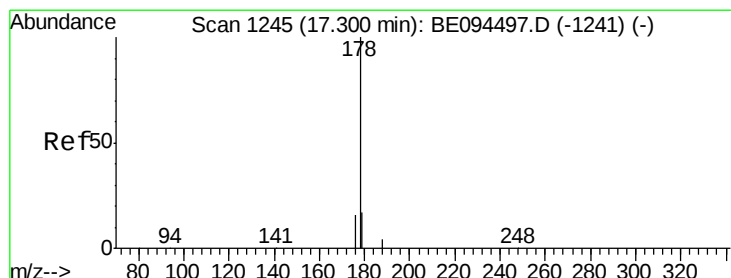
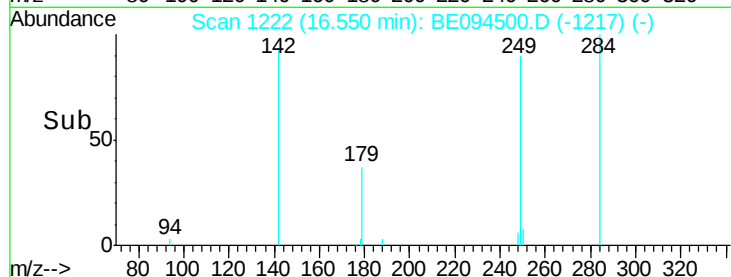
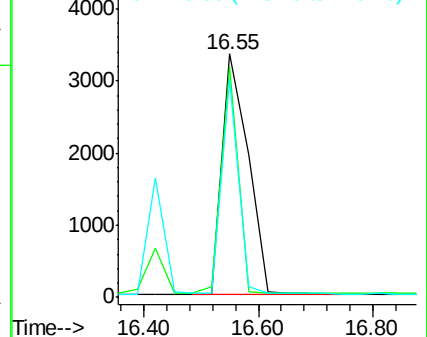
249 58.2 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#23

Phenanthrene

Concen: 1.914 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

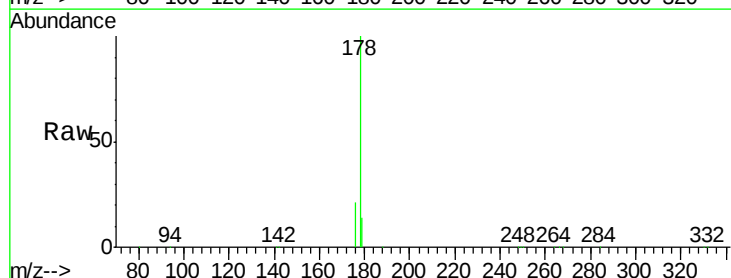
Tgt Ion:178 Resp: 98340

Ion Ratio Lower Upper

178 100

176 20.9 15.1 22.7

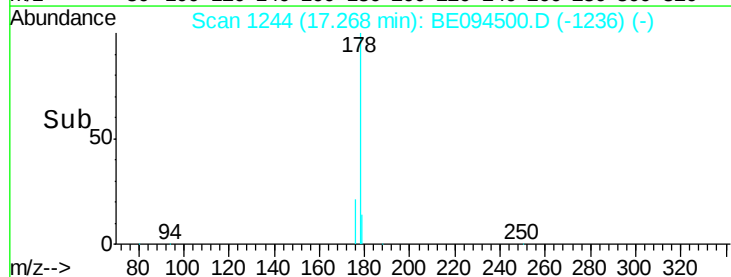
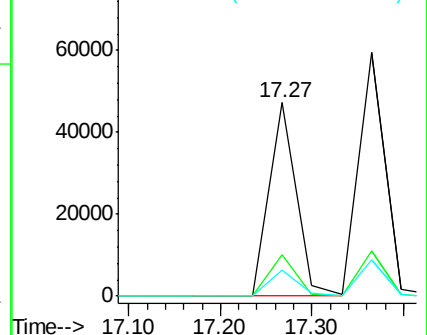
179 14.0 11.8 17.6

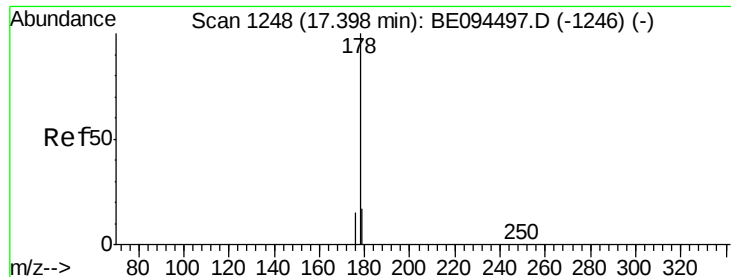


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 3.033 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

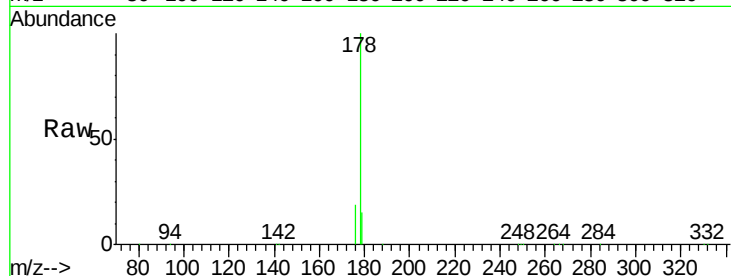
Tgt Ion:178 Resp: 120382

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

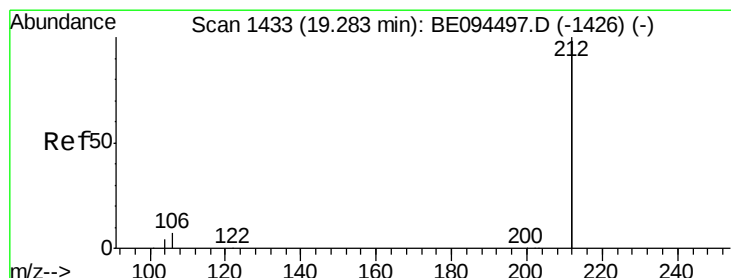
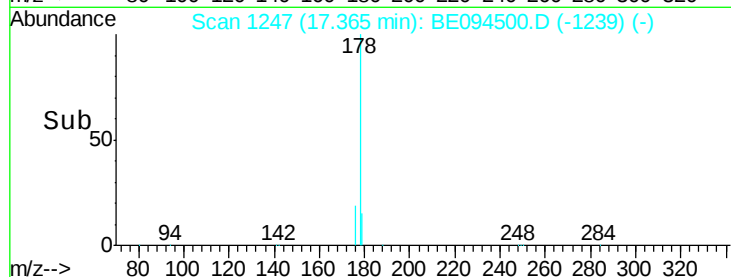
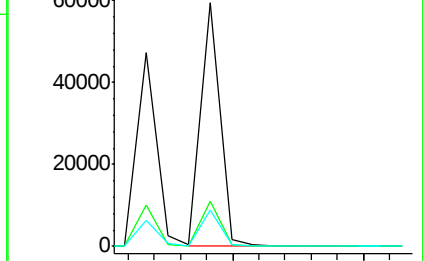
179 14.8 13.0 19.6



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: 1.640 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

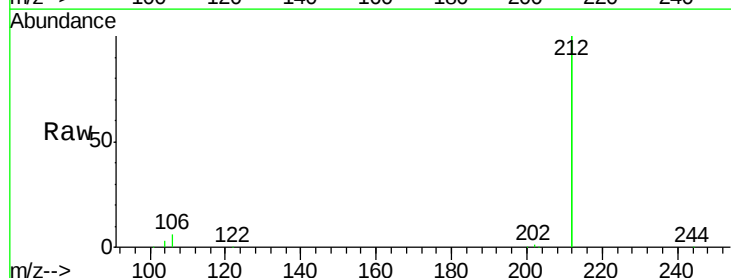
Tgt Ion:212 Resp: 344608

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

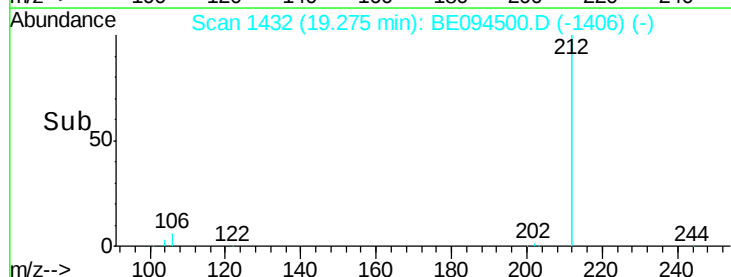
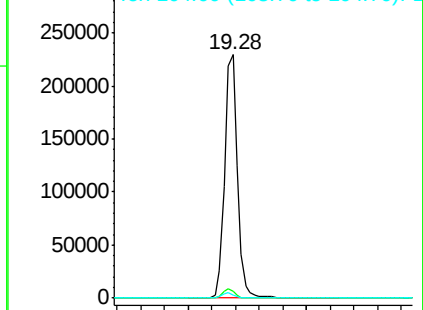
104 2.0 1.6 2.4

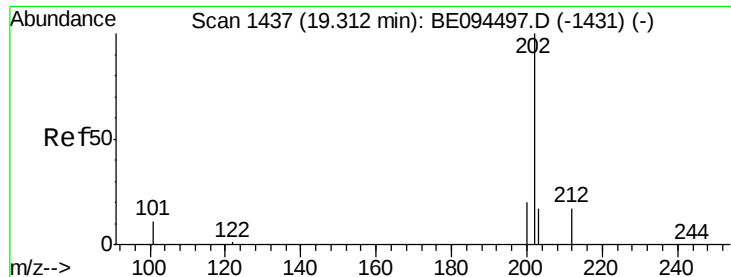


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

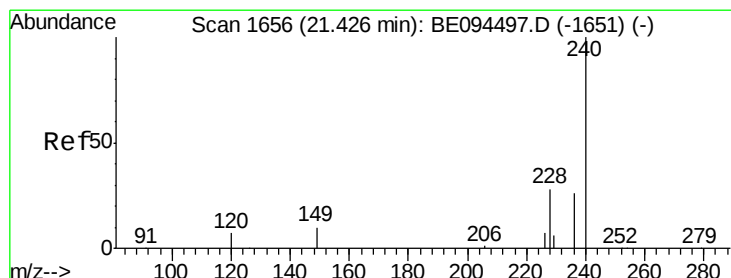
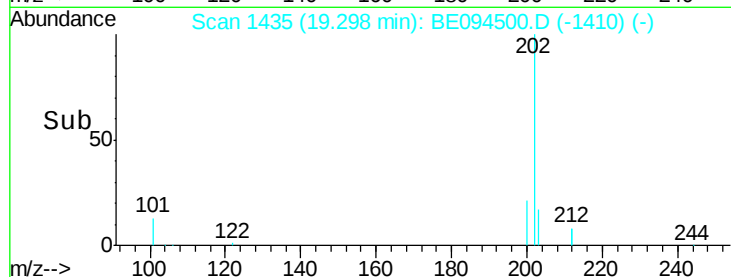
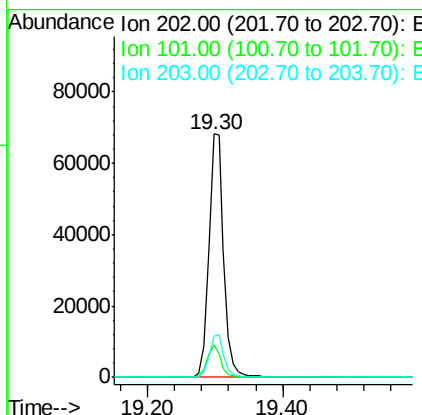
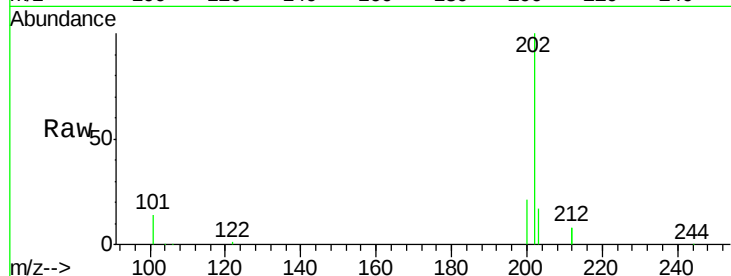




#26
 Fluoranthene
 Concen: 1.645 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE094500.D
 Acq: 23 Oct 2017 17:54

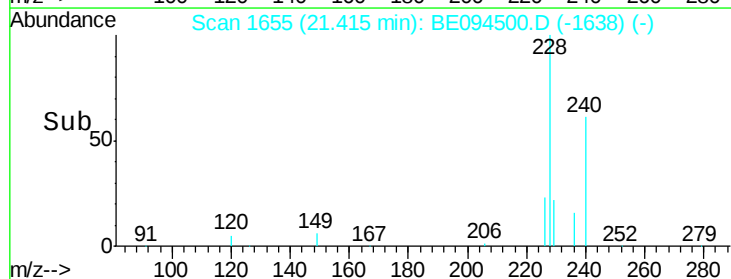
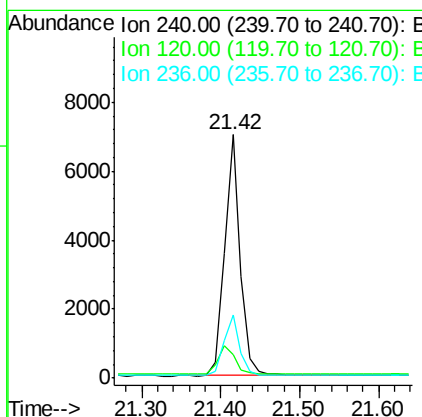
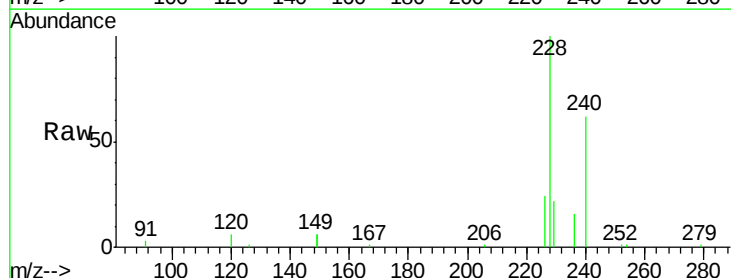
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

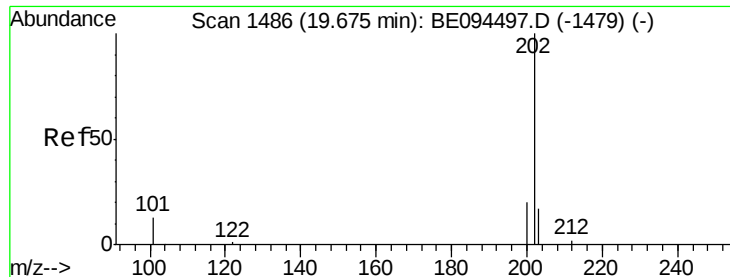
Tgt Ion: 202 Resp: 104849
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.8
 203 17.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094500.D
 Acq: 23 Oct 2017 17:54

Tgt Ion: 240 Resp: 9793
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.5 8.3#
 236 26.1 20.7 31.1





#28

Pyrene

Concen: 2.913 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

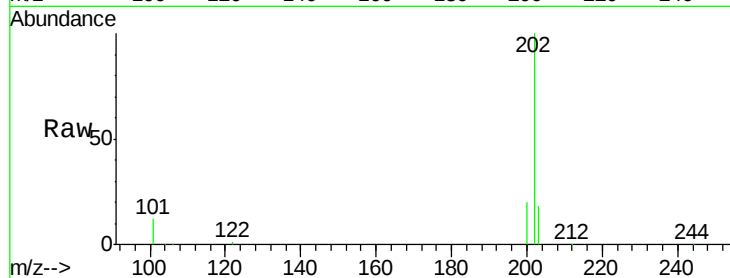
Tgt Ion:202 Resp: 107628

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

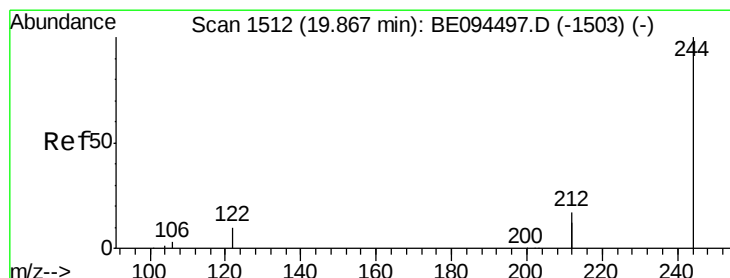
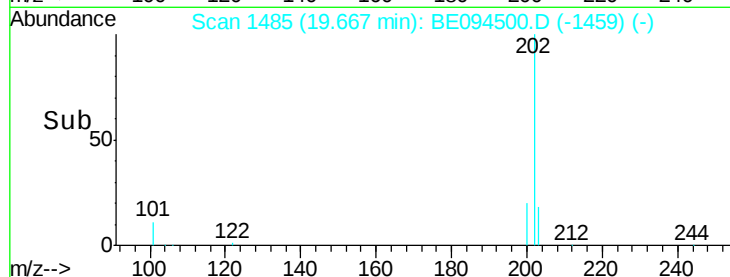
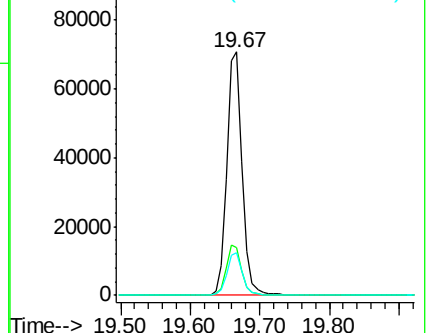
203 17.6 13.8 20.8



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: 3.005 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

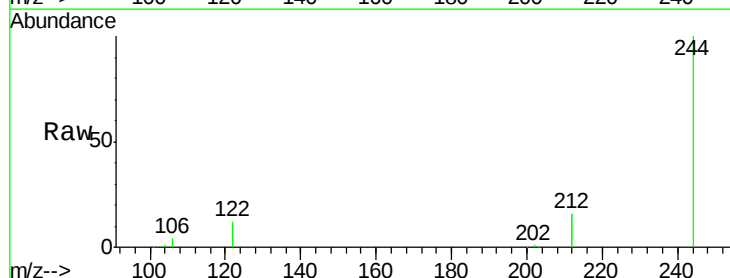
Tgt Ion:244 Resp: 59372

Ion Ratio Lower Upper

244 100

212 31.5 25.4 38.0

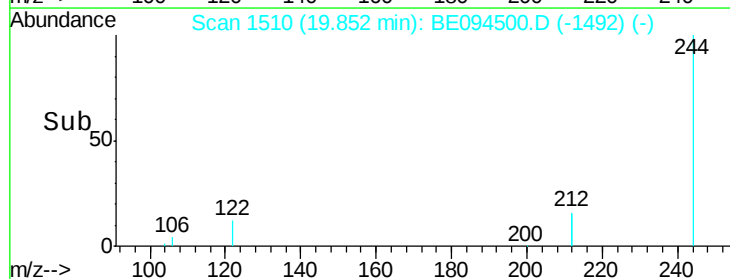
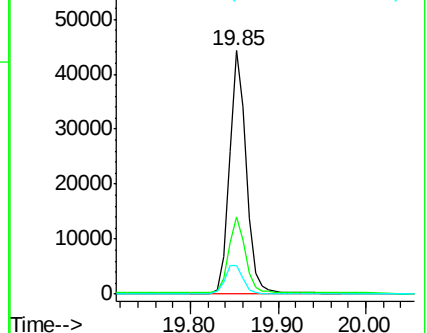
122 11.9 8.1 12.1

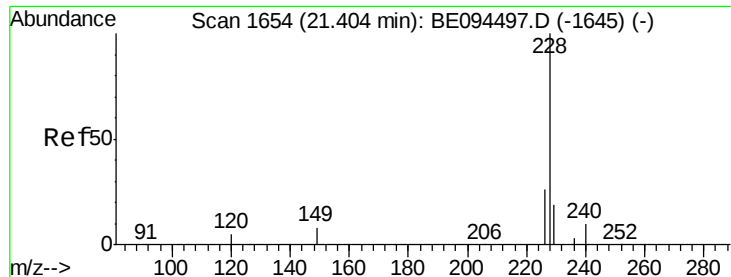


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 3.016 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

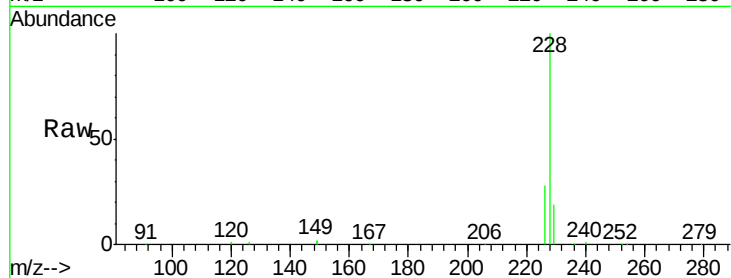
Tgt Ion:228 Resp: 102148

Ion Ratio Lower Upper

228 100

226 27.7 40.0 60.0#

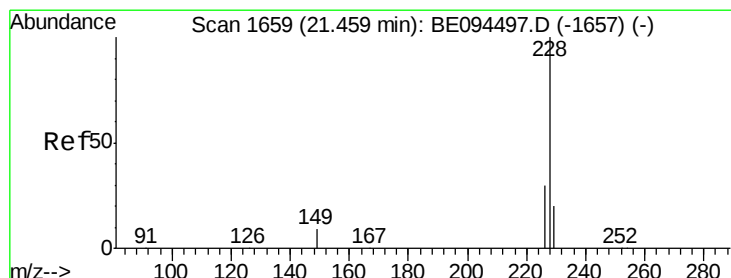
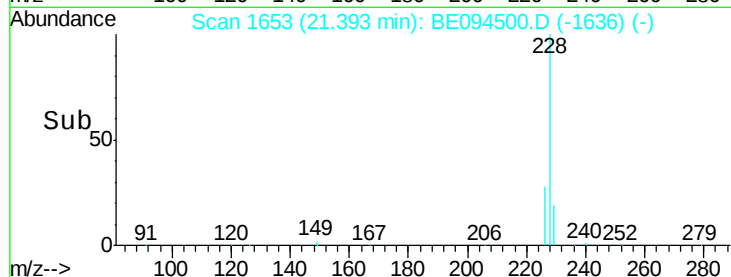
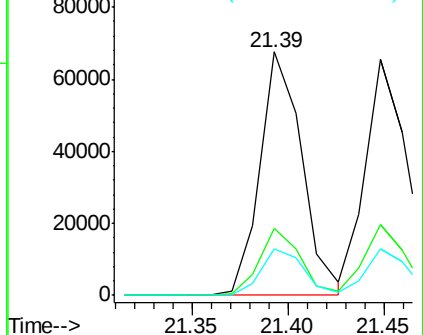
229 19.2 40.0 60.0#



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



#31

Chrysene

Concen: 3.047 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

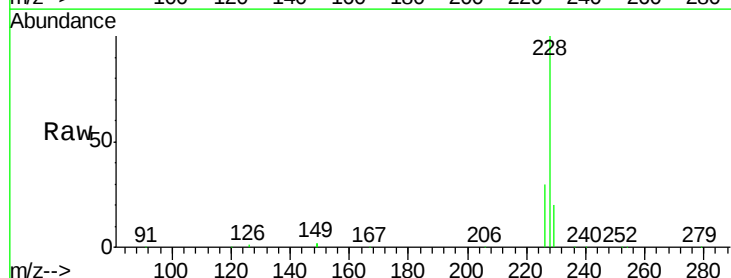
Tgt Ion:228 Resp: 99335

Ion Ratio Lower Upper

228 100

226 30.1 40.0 60.0#

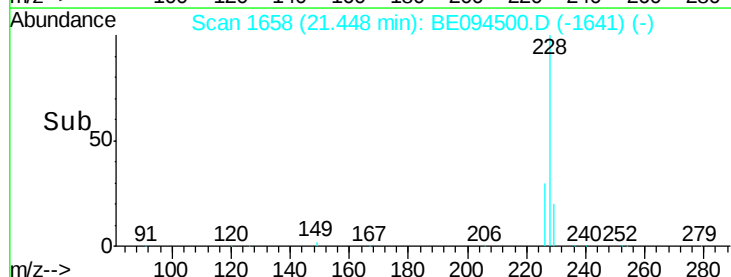
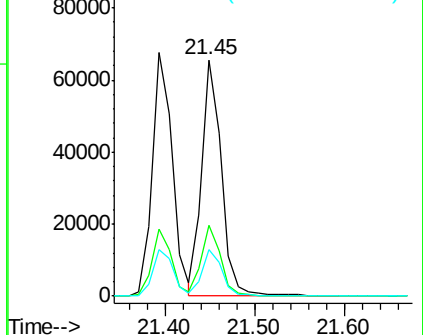
229 19.6 40.0 60.0#

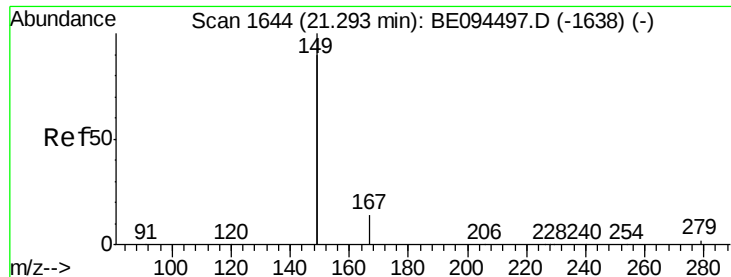


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.433 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

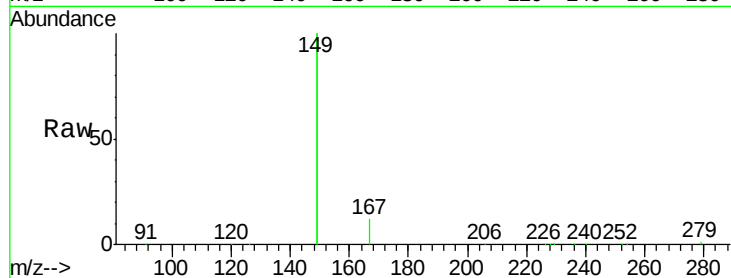
Tgt Ion:149 Resp: 237326

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

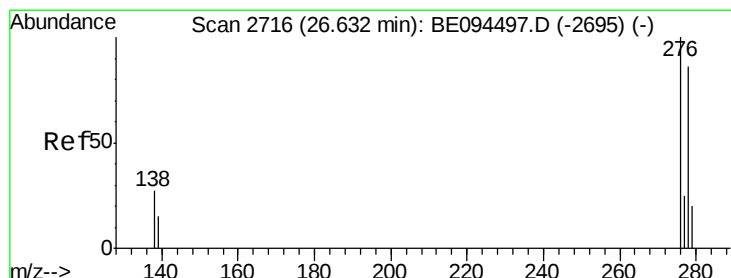
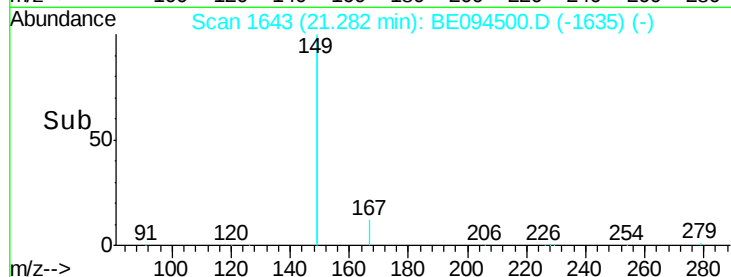
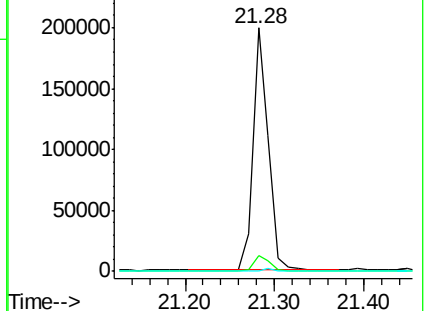
279 0.9 0.7 1.1



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: 2.886 ng

RT: 26.62 min Scan# 2712

Delta R.T. -0.02 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

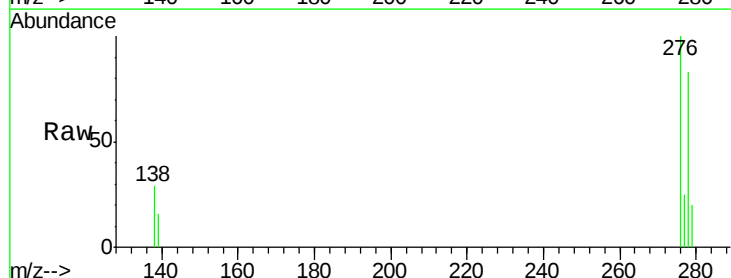
Tgt Ion:276 Resp: 94762

Ion Ratio Lower Upper

276 100

138 28.4 22.5 33.7

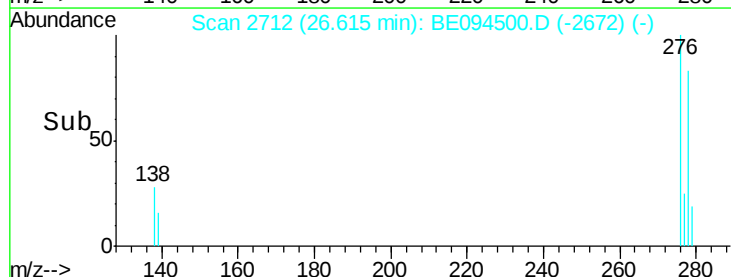
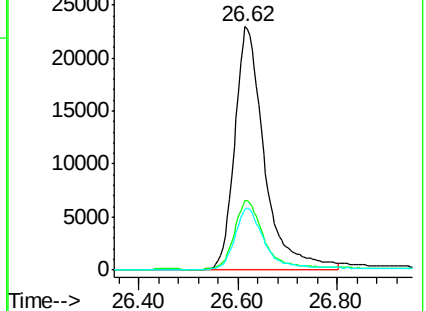
277 25.1 19.9 29.9

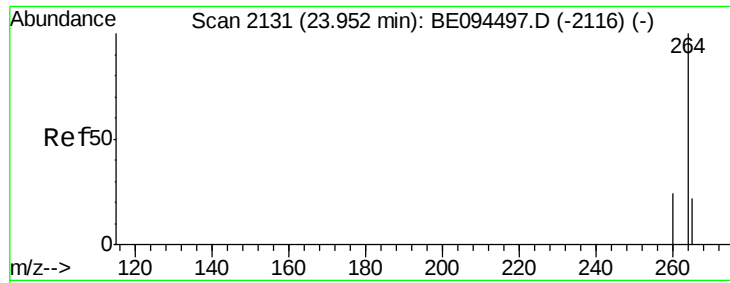


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

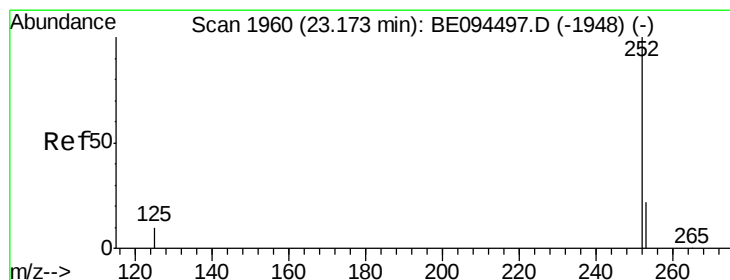
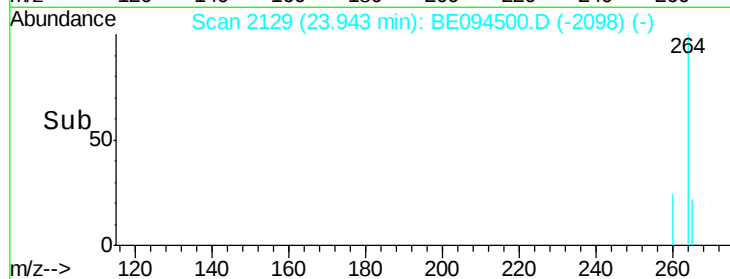
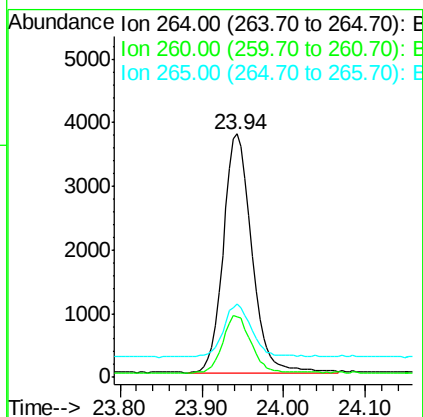
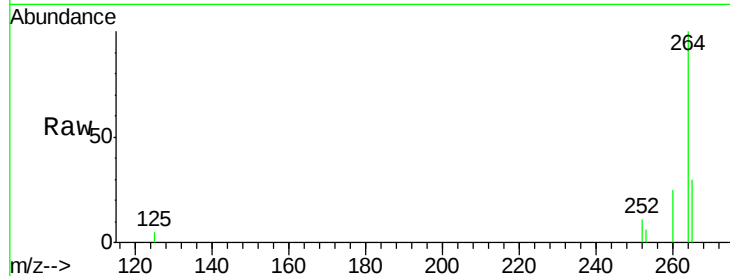




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BE094500.D
 Acq: 23 Oct 2017 17:54

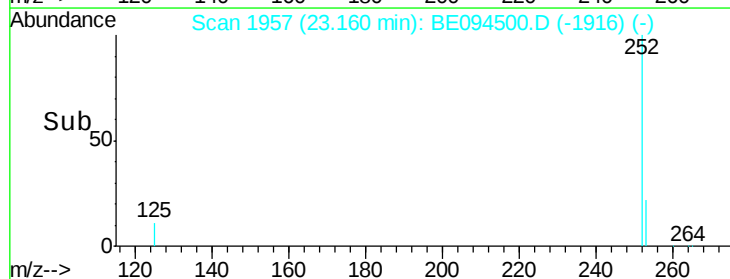
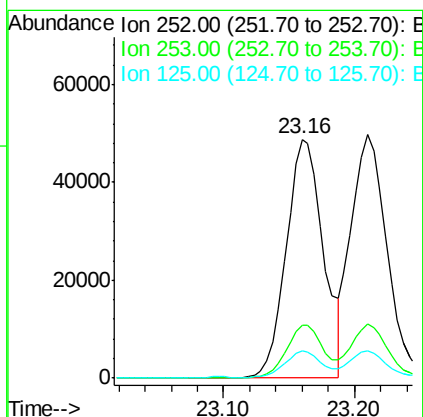
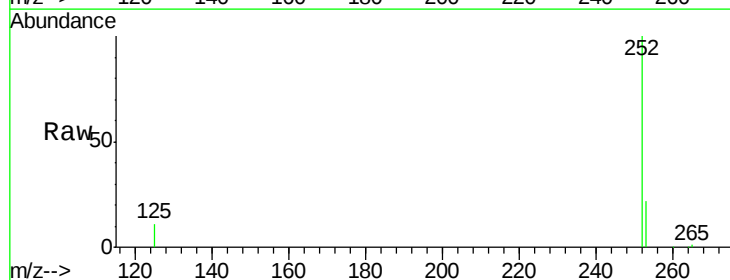
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

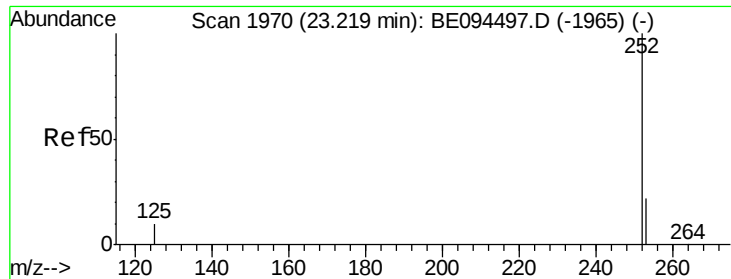
Tgt Ion:264 Resp: 9060
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 30.1 22.8 34.2



#35
Benzo(b)fluoranthene
 Concen: 3.123 ng
 RT: 23.16 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BE094500.D
 Acq: 23 Oct 2017 17:54

Tgt Ion:252 Resp: 95963
 Ion Ratio Lower Upper
 252 100
 253 21.9 48.0 72.0#
 125 11.3 56.0 84.0#





#36

Benzo(k)fluoranthene

Concen: 3.200 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

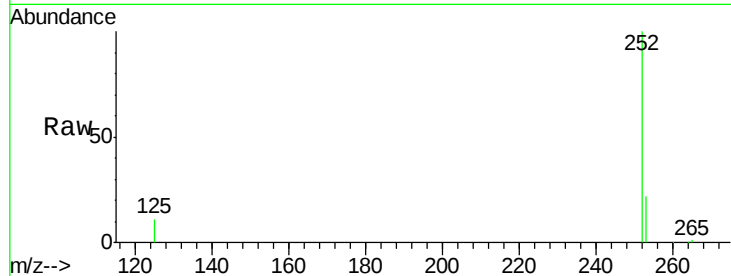
Tgt Ion:252 Resp: 96905

Ion Ratio Lower Upper

252 100

253 22.1 48.0 72.0#

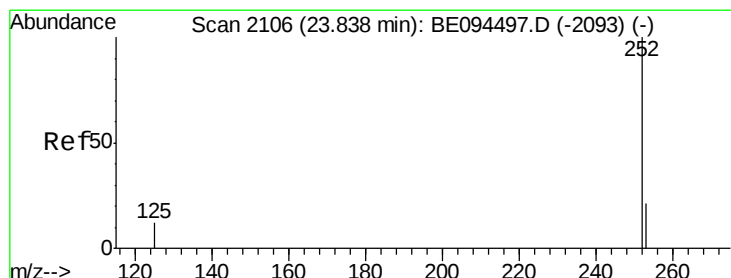
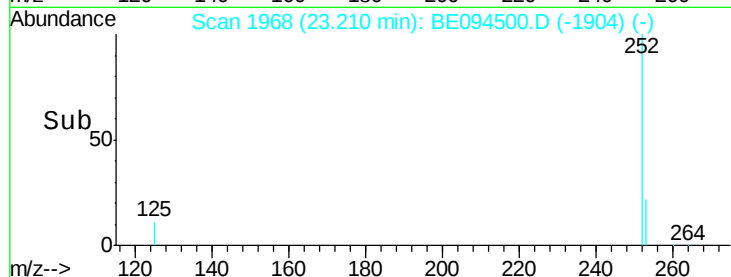
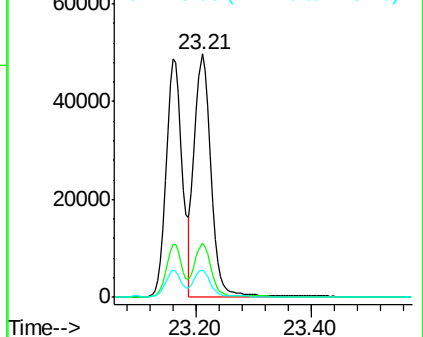
125 11.1 56.0 84.0#



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



#37

Benzo(a)pyrene

Concen: 3.151 ng

RT: 23.83 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

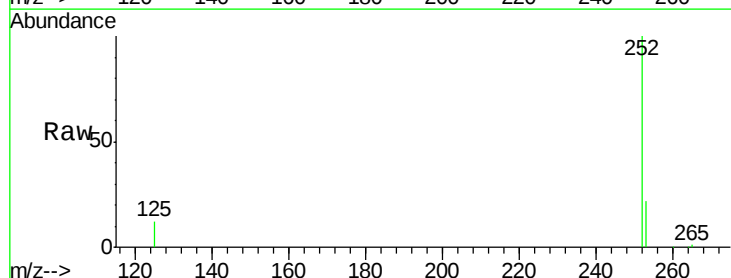
Tgt Ion:252 Resp: 91028

Ion Ratio Lower Upper

252 100

253 22.4 52.0 78.0#

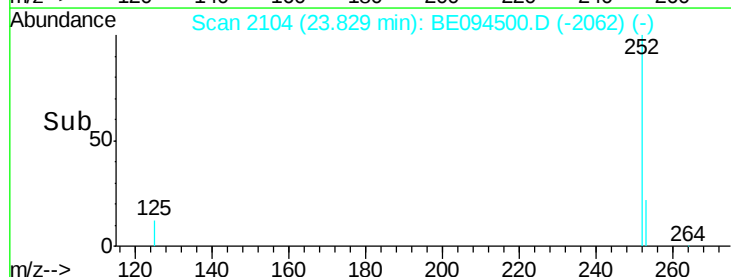
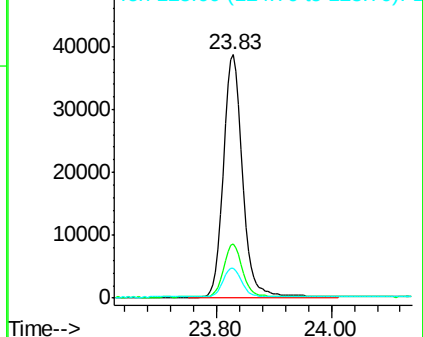
125 12.4 68.0 102.0#

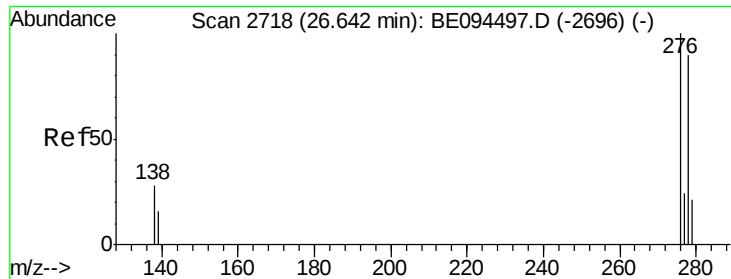


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 3.014 ng

RT: 26.62 min Scan# 2714

Delta R.T. -0.02 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

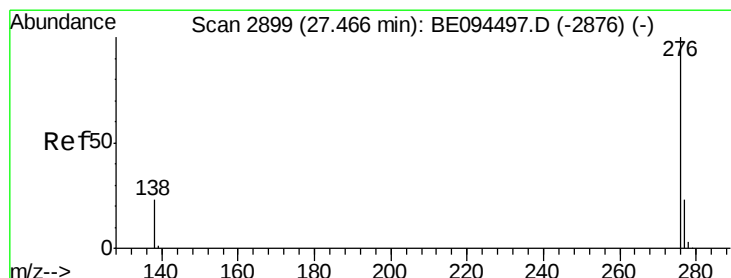
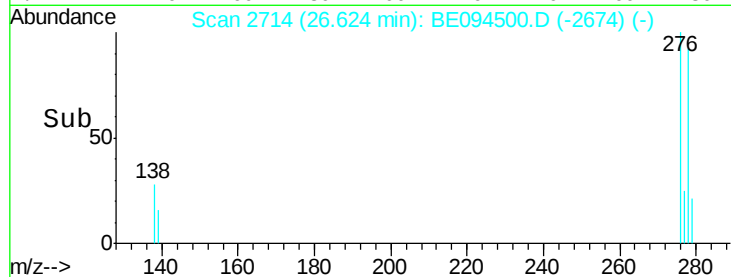
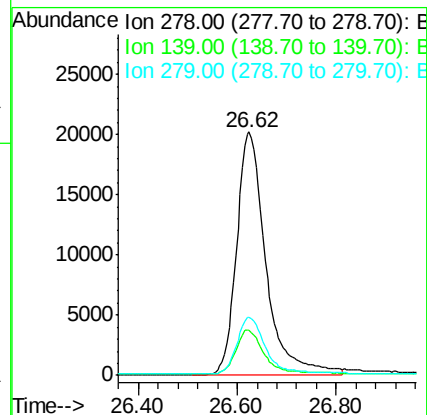
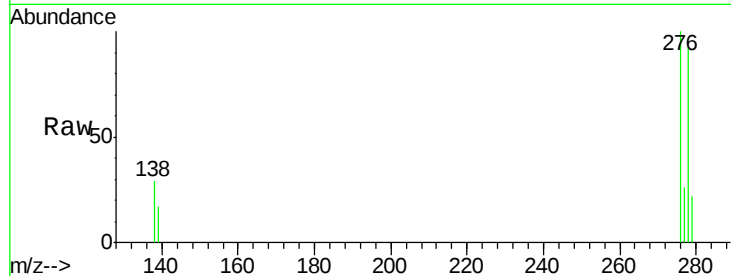
Tgt Ion:278 Resp: 82415

Ion Ratio Lower Upper

278 100

139 18.4 56.0 84.0#

279 23.8 52.0 78.0#



#39

Benzo(g,h,i)perylene

Concen: 2.893 ng

RT: 27.45 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BE094500.D

Acq: 23 Oct 2017 17:54

Tgt Ion:276 Resp: 76073

Ion Ratio Lower Upper

276 100

277 24.3 52.0 78.0#

138 24.5 44.0 66.0#

