

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094178.D
 Acq On : 6 Oct 2017 13:52
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Oct 06 14:26:36 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 12:02:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1399	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6650	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3913	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11023	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10354	0.40	ng	0.00
34) Perylene-d12	23.91	264	9396	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	7304	1.38	ng	0.00
5) Phenol-d6	7.09	99	10716	1.45	ng	0.00
8) Nitrobenzene-d5	9.04	82	9105	1.41	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	16196	1.58	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	2957	1.18	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	21292	1.65	ng	0.00
25) Fluoranthene-d10	19.26	212	178854	1.68	ng	0.00
29) Terphenyl-d14	19.85	244	31002	1.64	ng	0.00

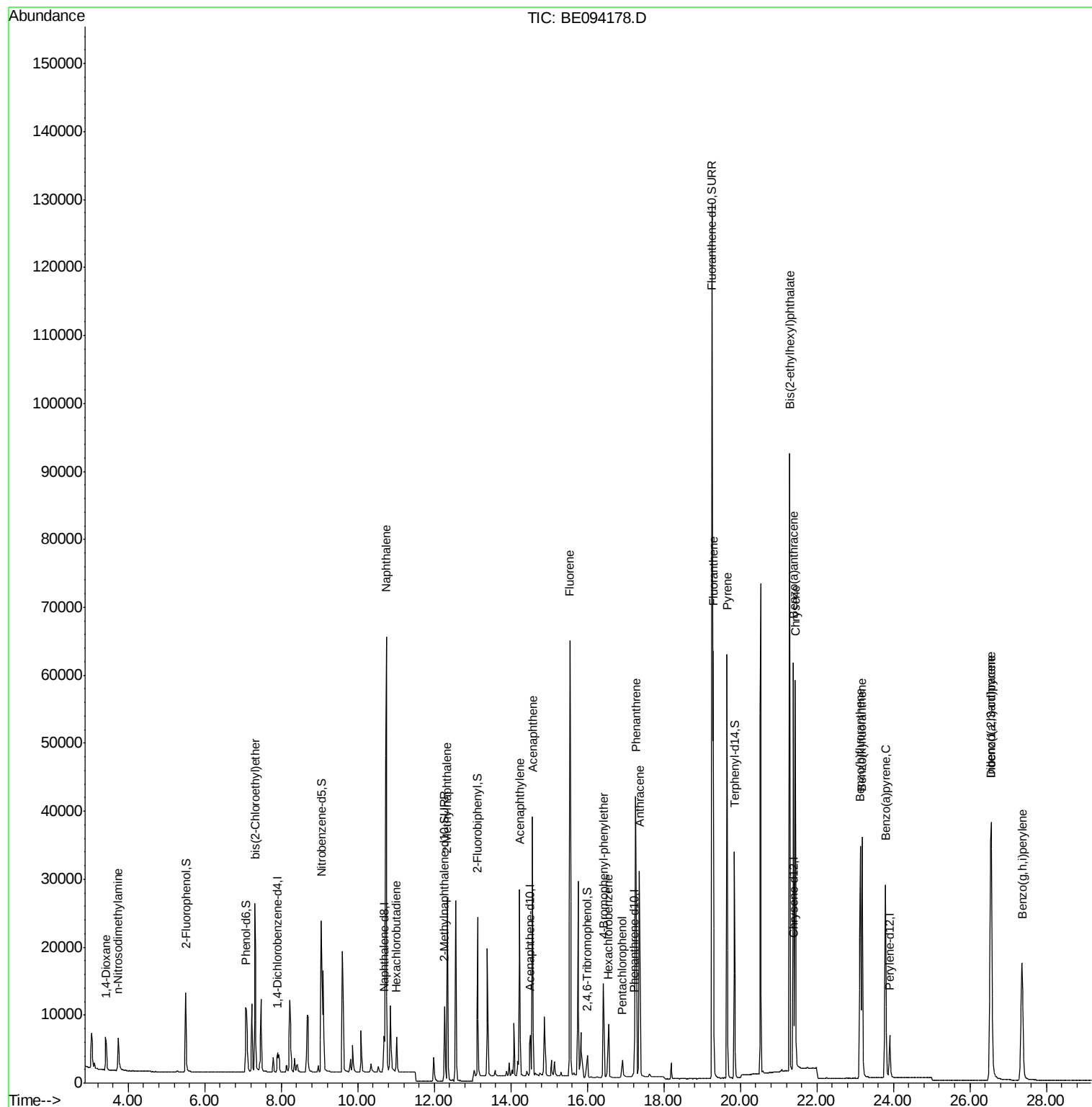
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	3626	1.330	ng	# 82
3) n-Nitrosodimethylamine	3.73	42	4361	1.252	ng	# 94
6) bis(2-Chloroethyl)ether	7.31	93	8532	1.494	ng	92
9) Naphthalene	10.74	128	118281	1.575	ng	99
10) Hexachlorobutadiene	11.01	225	4395	1.562	ng	98
12) 2-Methylnaphthalene	12.34	142	19603	1.612	ng	98
16) Acenaphthylene	14.23	152	32559	1.660	ng	100
17) Acenaphthene	14.57	154	20611	1.682	ng	97
18) Fluorene	15.55	166	27263	1.639	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	11070	2.448	ng	# 78
21) Hexachlorobenzene	16.55	284	9656	3.383	ng	# 84
22) Pentachlorophenol	16.91	266	2677	1.024	ng	# 72
23) Phenanthrene	17.27	178	62544	2.218	ng	99
24) Anthracene	17.37	178	45798	1.548	ng	98
26) Fluoranthene	19.29	202	54898	1.737	ng	99
28) Pyrene	19.65	202	56681	1.728	ng	99
30) Benzo(a)anthracene	21.38	228	54719	1.569	ng	99
31) Chrysene	21.44	228	52084	1.548	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	117507	0.704	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	52576	1.460	ng	100
35) Benzo(b)fluoranthene	23.13	252	51455	1.518	ng	99
36) Benzo(k)fluoranthene	23.18	252	50536	1.557	ng	97
37) Benzo(a)pyrene	23.79	252	47765	1.559	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	44865	1.547	ng	97
39) Benzo(g,h,i)perylene	27.36	276	45346	1.579	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

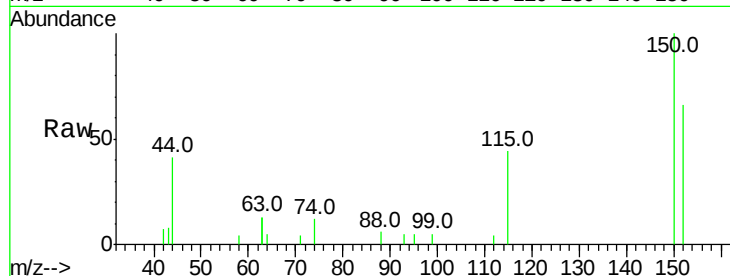
Tot Ion:152 Resp: 1399

Ion Ratio Lower Upper

152 100

150 152.0 117.2 175.8

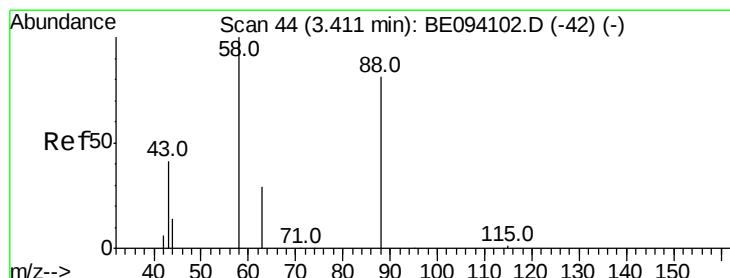
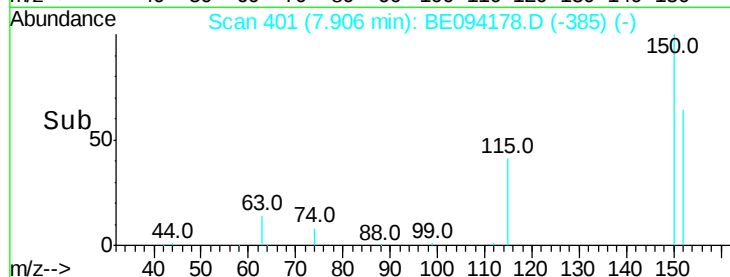
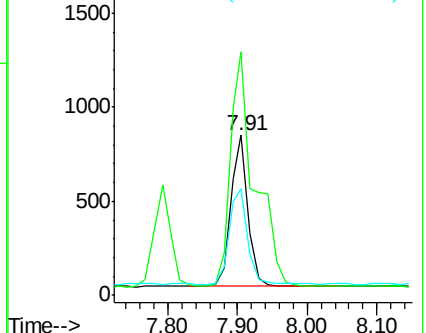
115 66.7 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.330 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

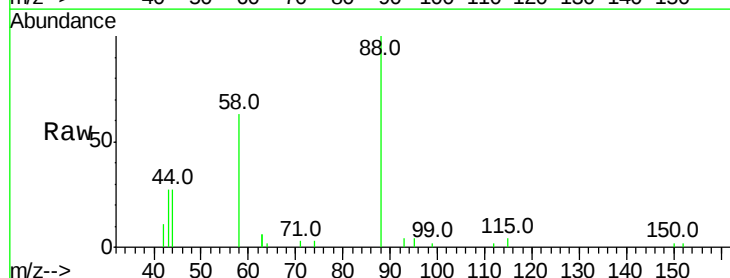
Tgt Ion: 88 Resp: 3626

Ion Ratio Lower Upper

88 100

58 91.3 63.2 94.8

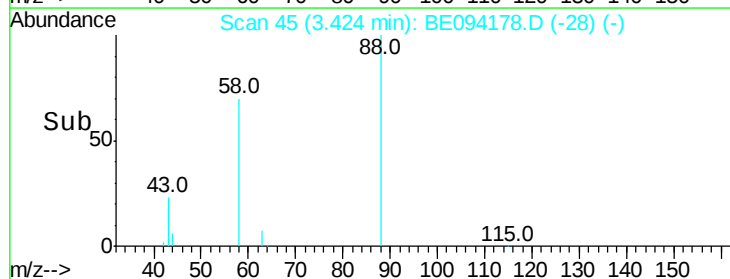
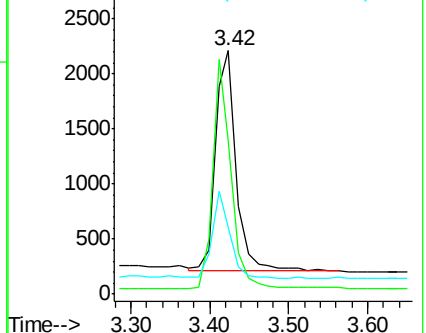
43 34.1 41.2 61.8#



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: 1.252 ng

RT: 3.73 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

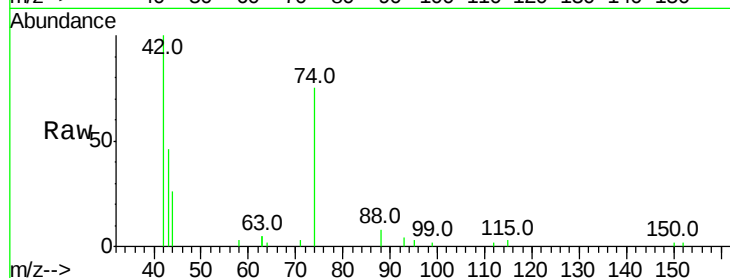
Tot Ion: 42 Resp: 4361

Ion Ratio Lower Upper

42 100

74 122.9 100.3 150.5

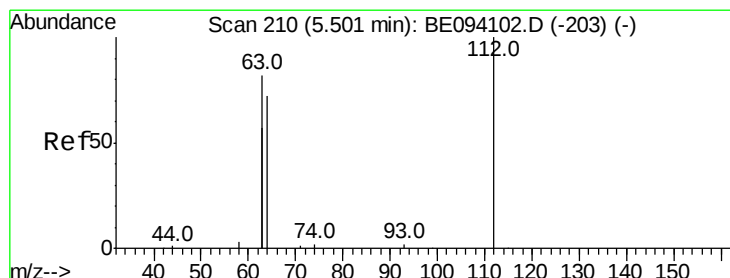
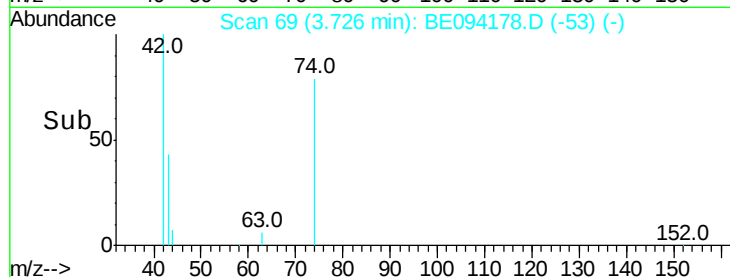
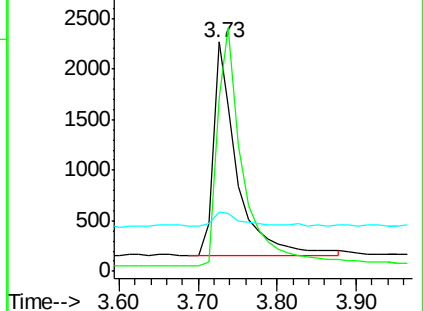
44 8.0 17.0 25.4#



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: 1.377 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

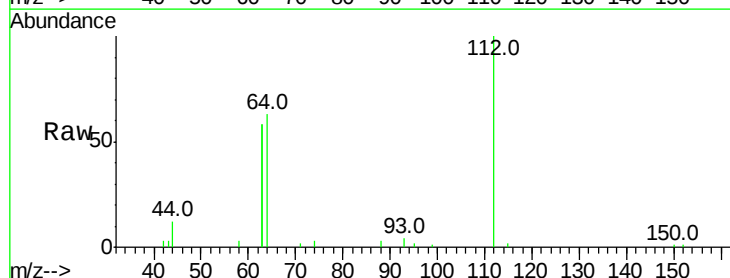
Tgt Ion: 112 Resp: 7304

Ion Ratio Lower Upper

112 100

64 76.3 60.1 90.1

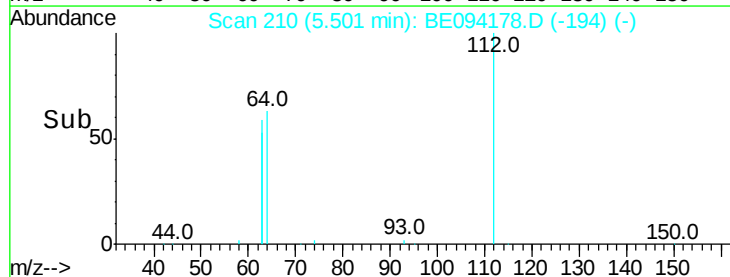
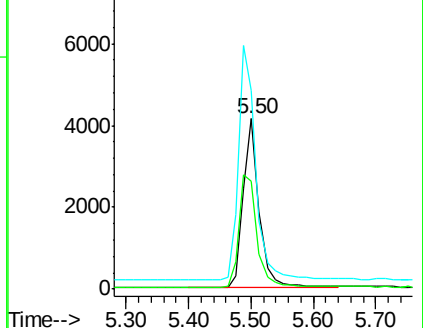
63 150.9 116.8 175.2



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: 1.455 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

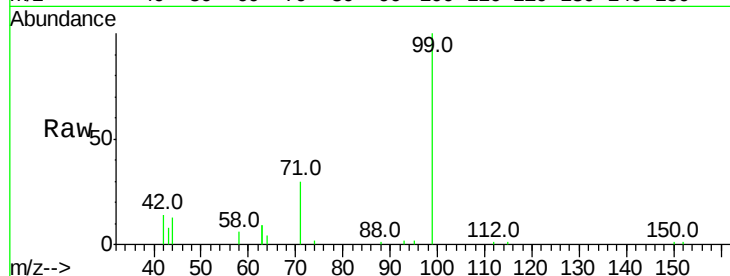
Tot Ion: 99 Resp: 10716

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

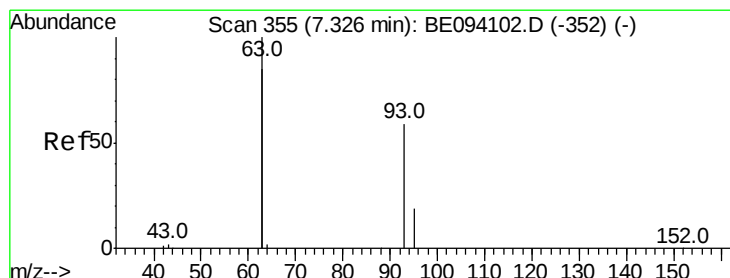
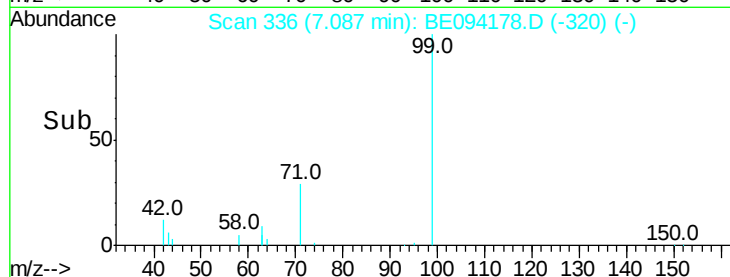
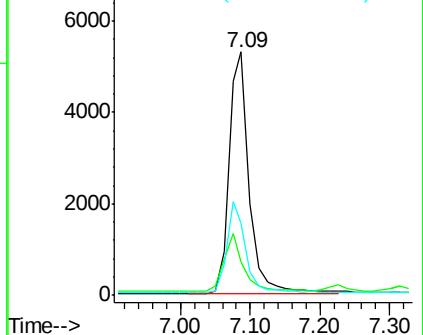
71 36.0 28.4 42.6



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: 1.494 ng

RT: 7.31 min Scan# 354

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

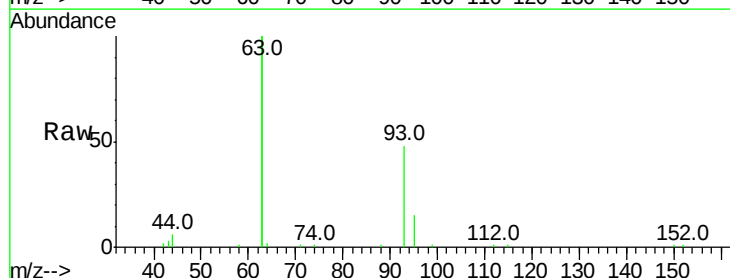
Tgt Ion: 93 Resp: 8532

Ion Ratio Lower Upper

93 100

63 361.9 275.3 412.9

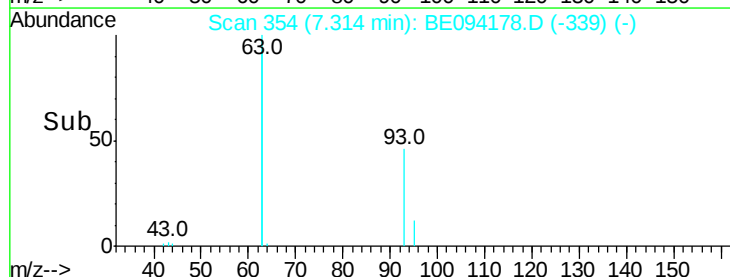
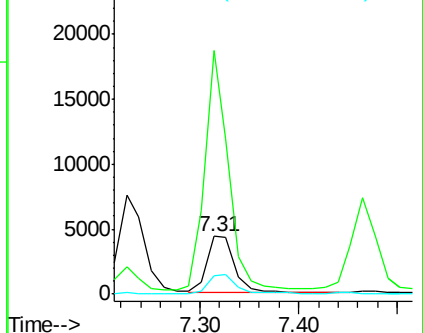
95 31.8 25.2 37.8



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: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 6650

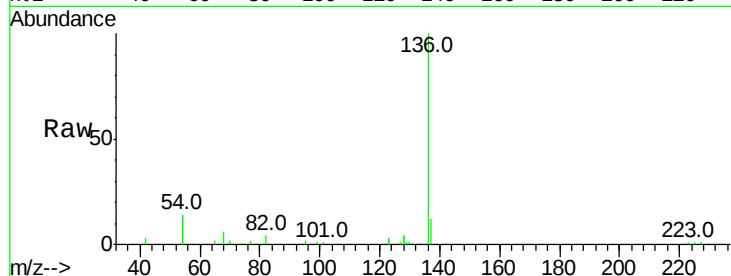
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 28.3 29.1 43.7#

68 5.7 6.2 9.2#

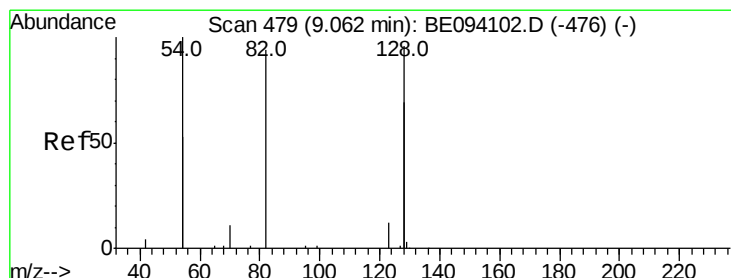
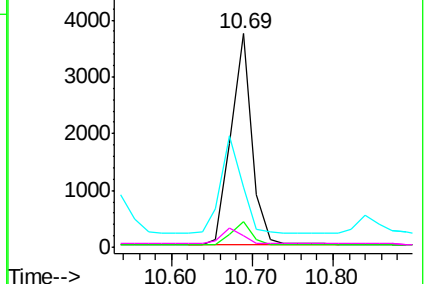
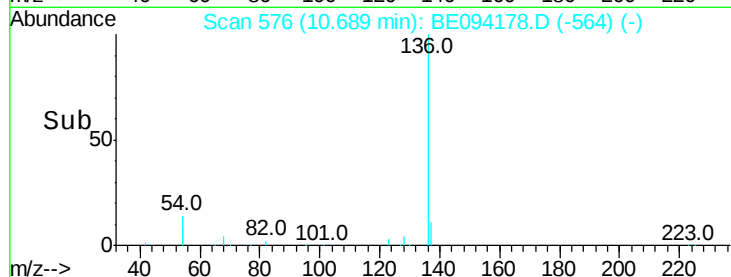


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.415 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

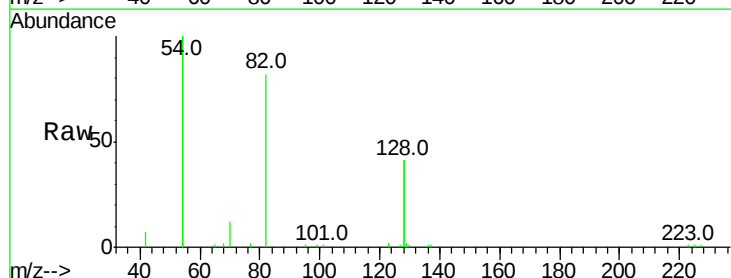
Tgt Ion: 82 Resp: 9105

Ion Ratio Lower Upper

82 100

128 101.2 150.0 225.0#

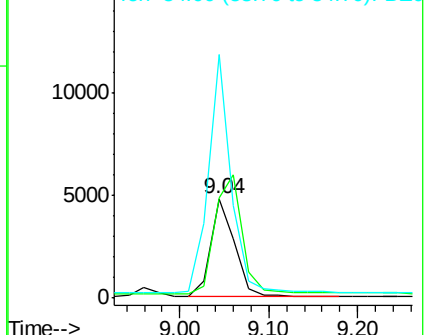
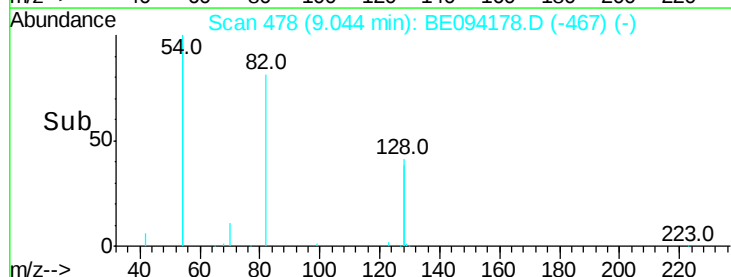
54 244.8 154.2 231.4#



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: 1.575 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

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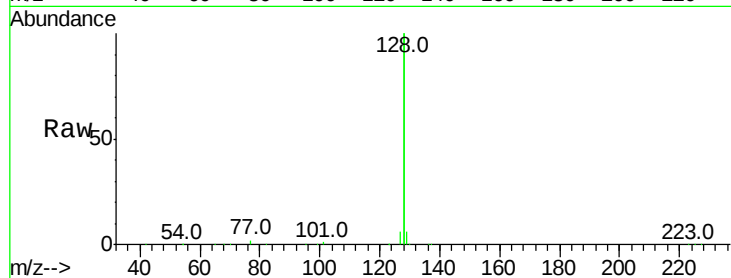
Tot Ion:128 Resp: 118281

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

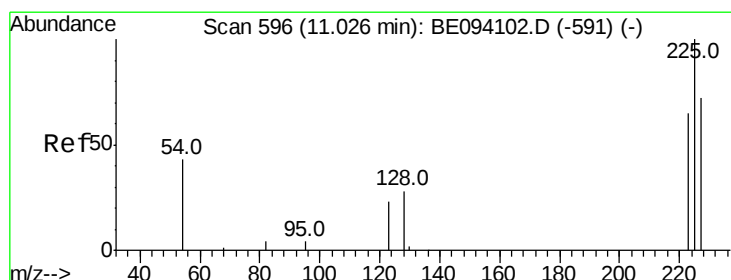
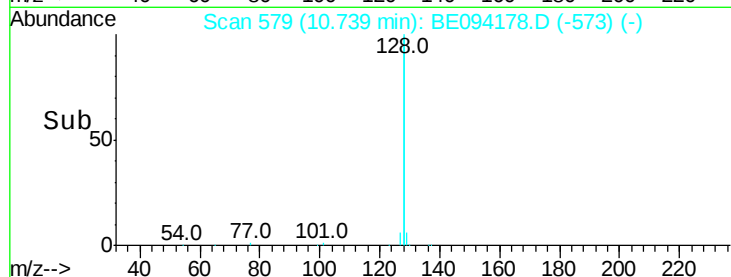
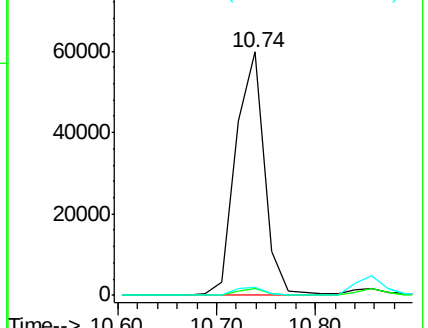
127 3.1 2.8 4.2



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: 1.562 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

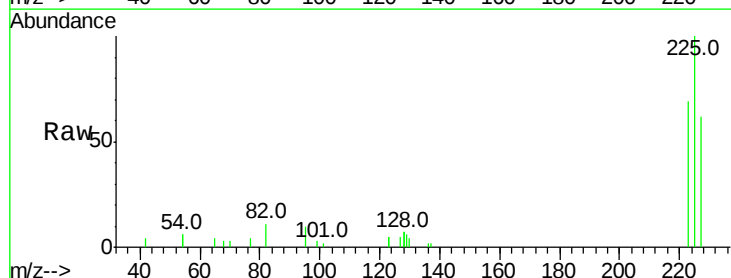
Tgt Ion:225 Resp: 4395

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.6

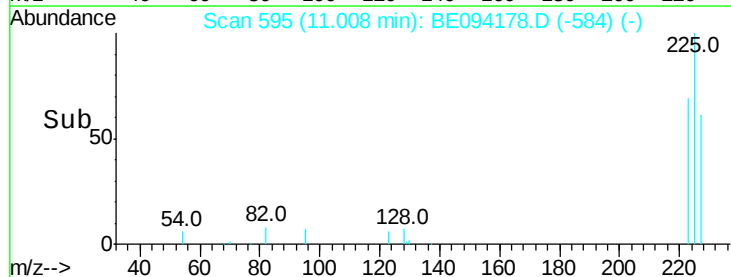
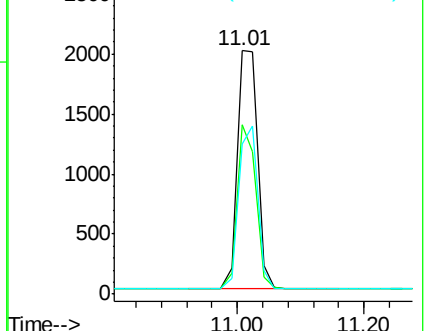
227 64.7 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.581 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

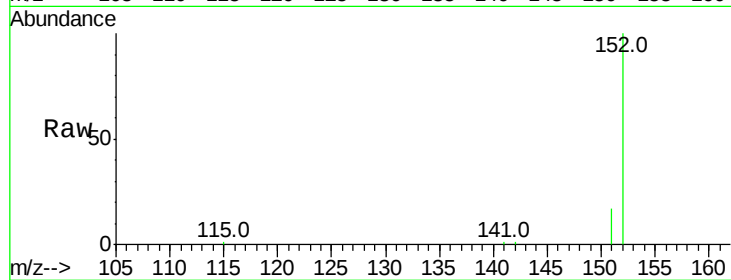
SSTDICC1.6

Tot Ion:152 Resp: 16196

Ion Ratio Lower Upper

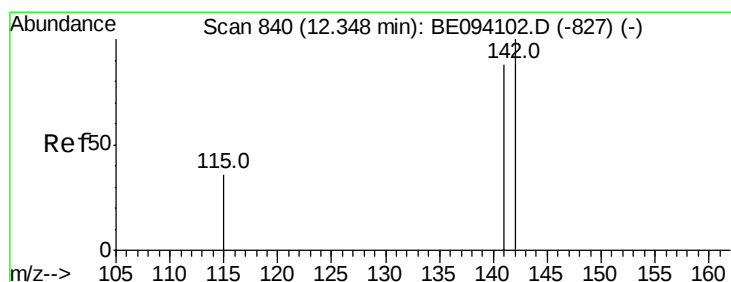
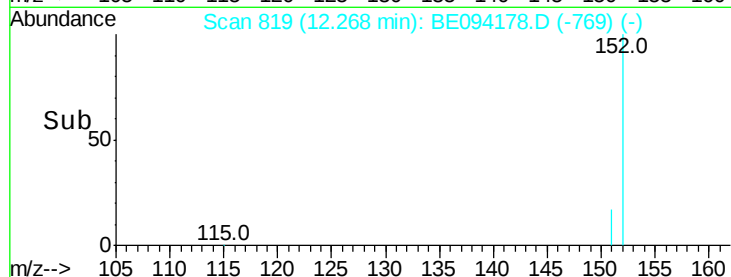
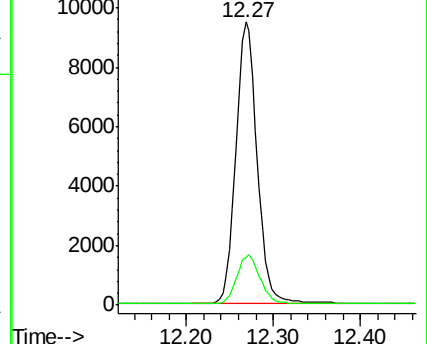
152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.612 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

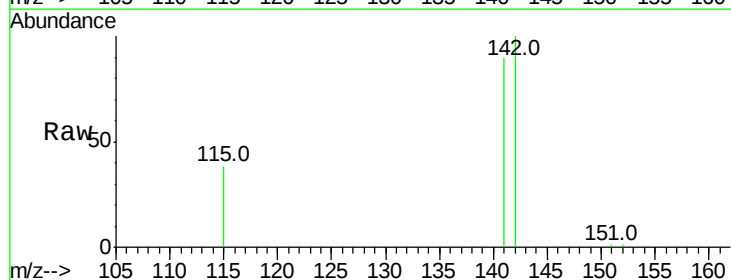
Tgt Ion:142 Resp: 19603

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

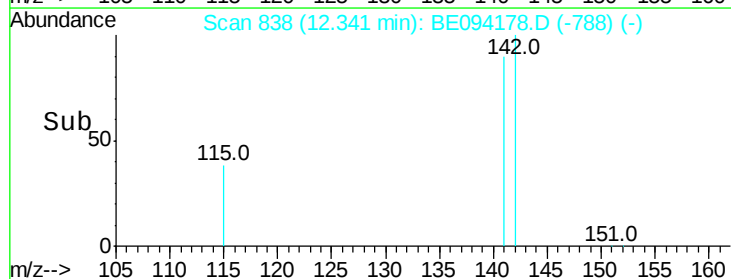
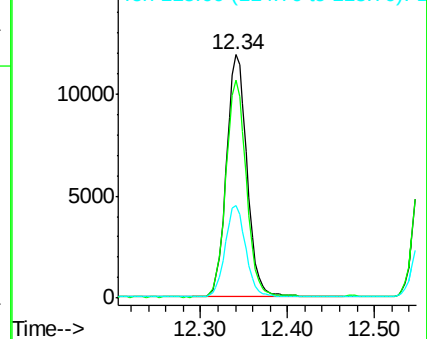
115 37.8 31.7 47.5

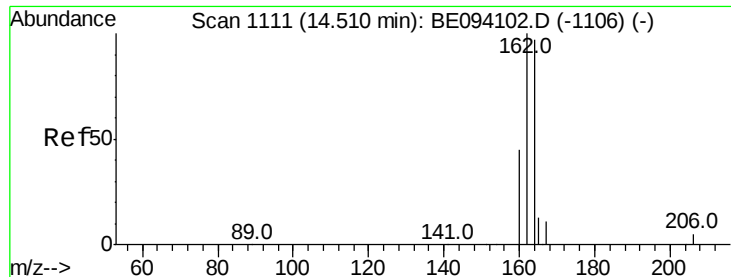


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

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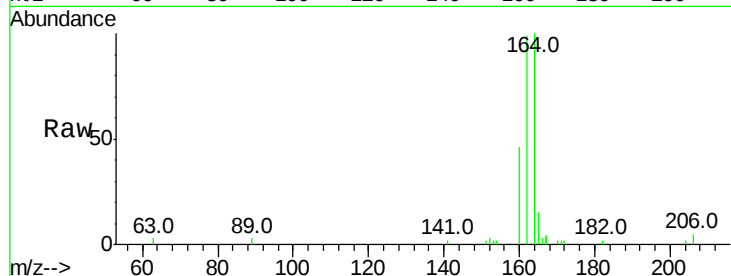
Tot Ion:164 Resp: 3913

Ion Ratio Lower Upper

164 100

162 98.8 83.1 124.7

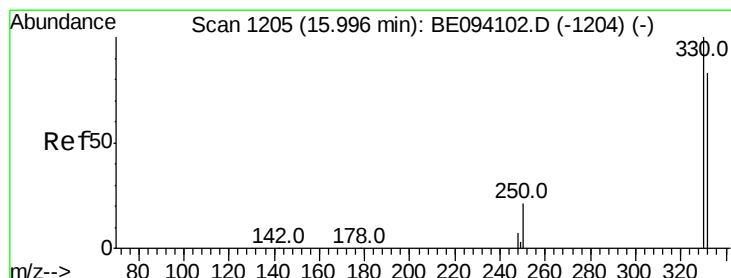
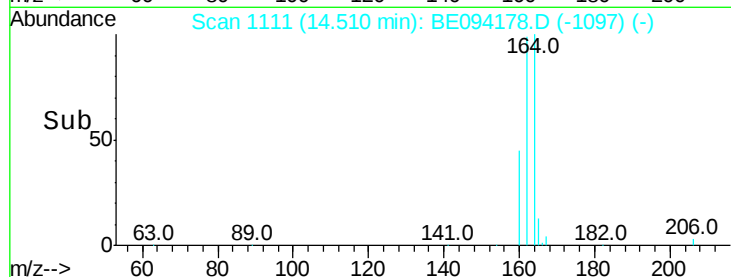
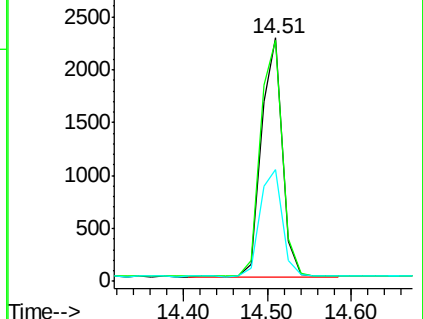
160 46.0 37.1 55.7



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: 1.180 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

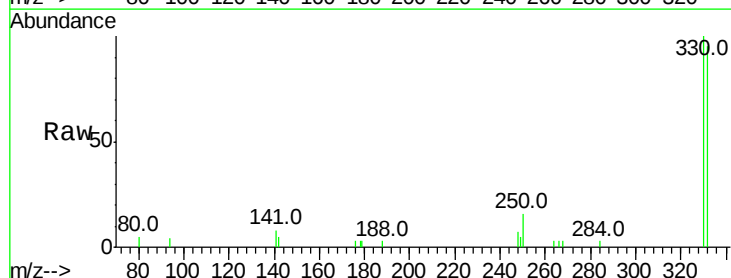
Tgt Ion:330 Resp: 2957

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

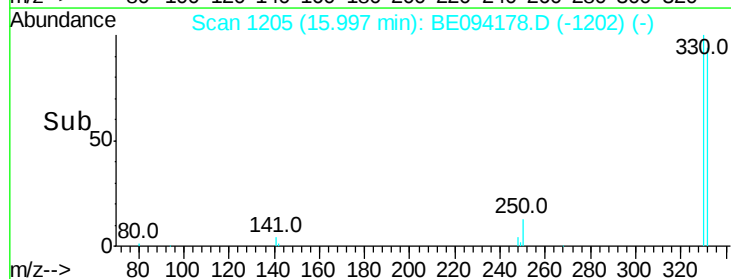
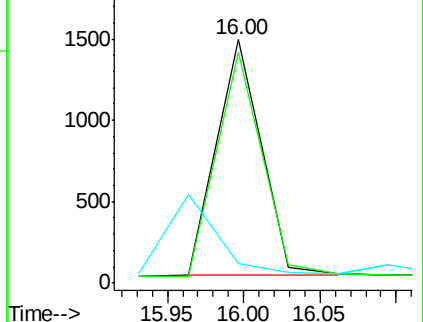
141 0.0 33.7 50.5#

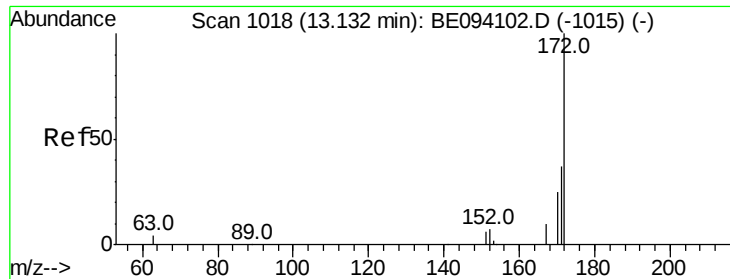


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

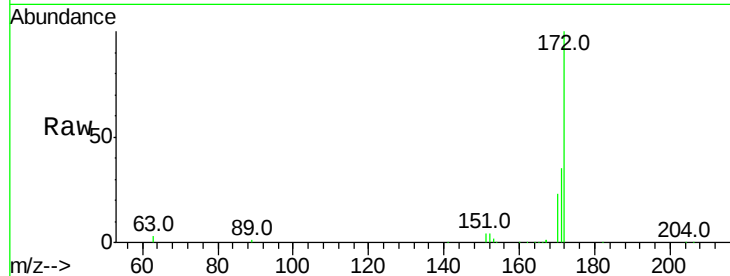




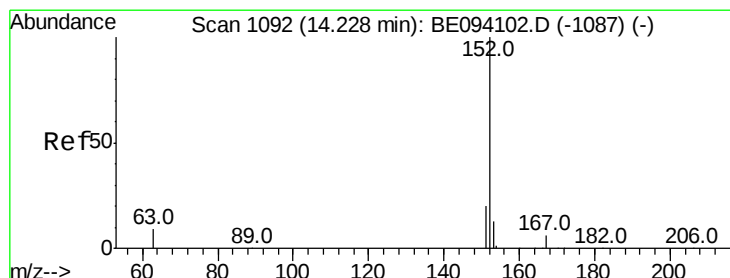
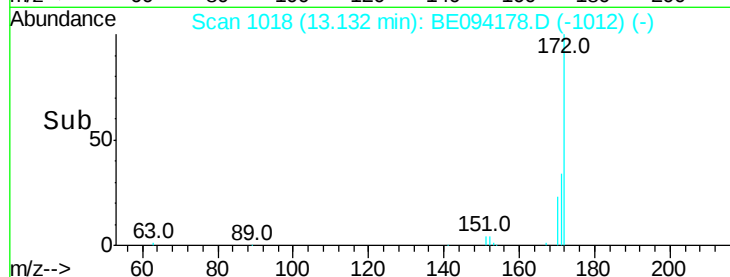
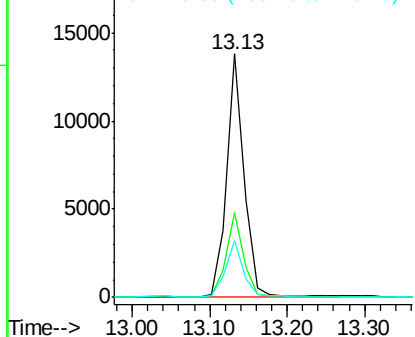
#15
2-Fluorobiphenyl
Concen: 1.647 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:172 Resp: 21292
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 23.1 21.8 32.8

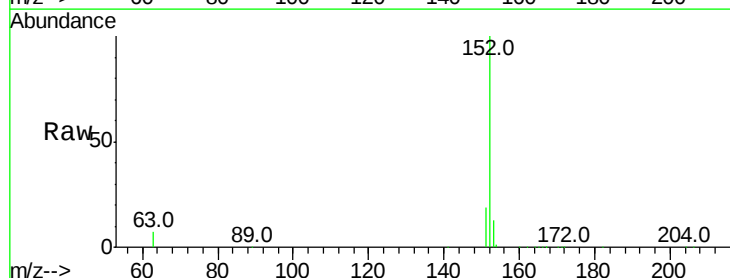


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

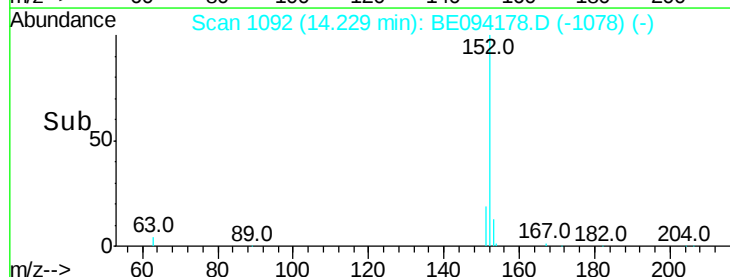
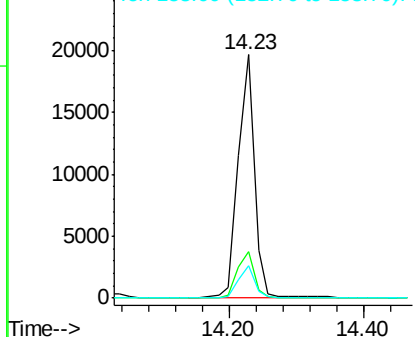


#16
Acenaphthylene
Concen: 1.660 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:152 Resp: 32559
Ion Ratio Lower Upper
152 100
151 19.4 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: 1.682 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

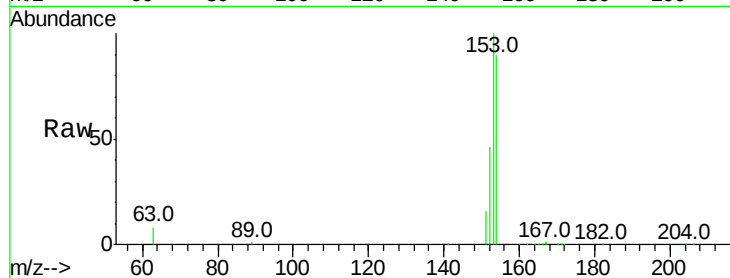
Tot Ion:154 Resp: 20611

Ion Ratio Lower Upper

154 100

153 114.9 89.2 133.8

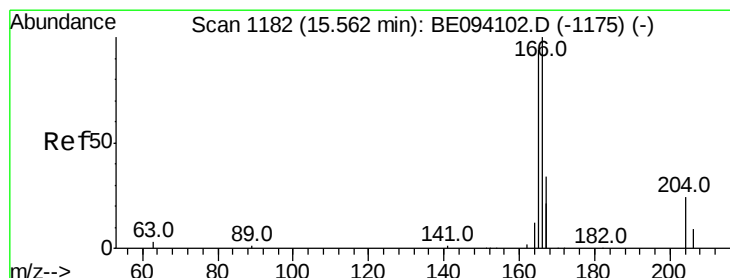
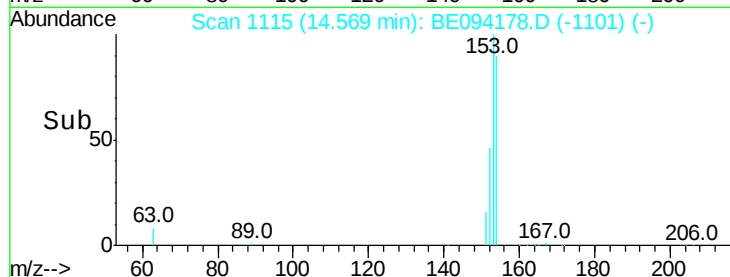
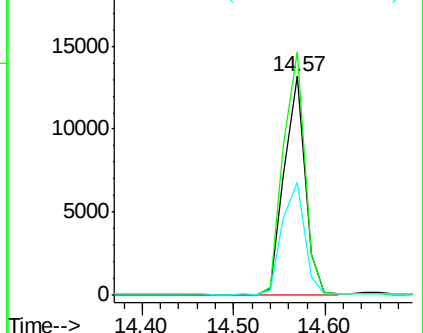
152 55.4 42.0 63.0



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: 1.639 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

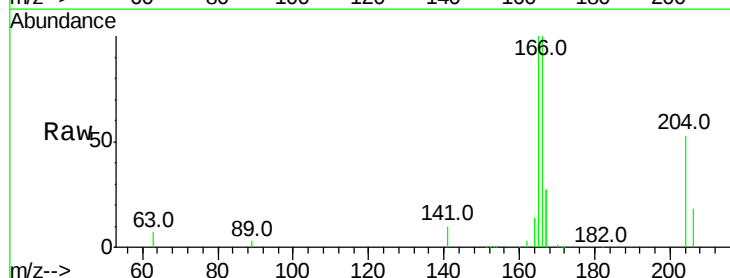
Tgt Ion:166 Resp: 27263

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

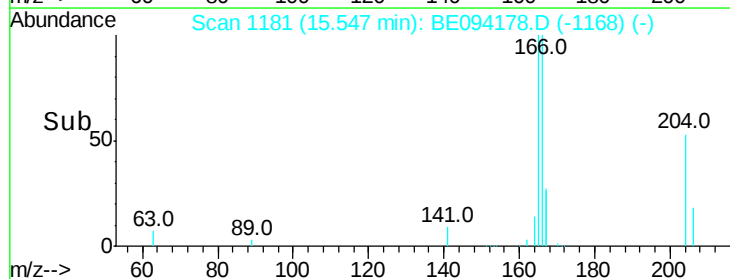
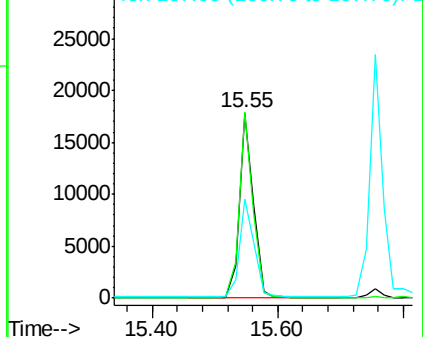
167 54.0 42.4 63.6

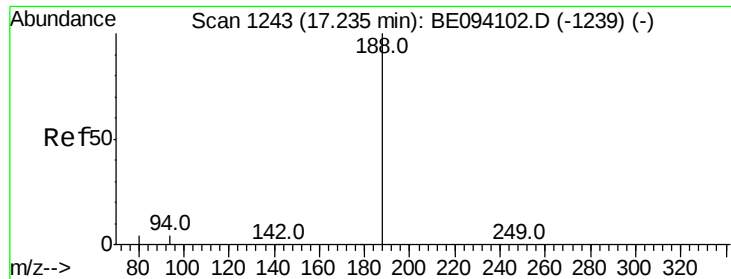


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

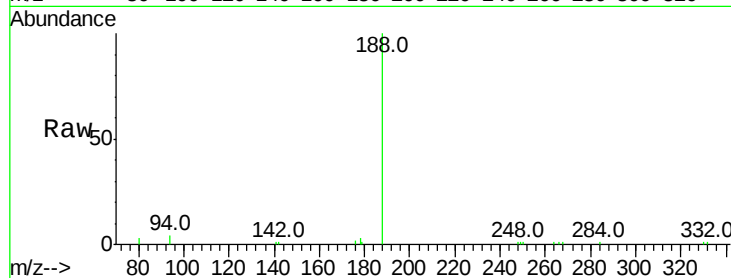
Tot Ion:188 Resp: 11023

Ion Ratio Lower Upper

188 100

94 3.9 3.9 5.9#

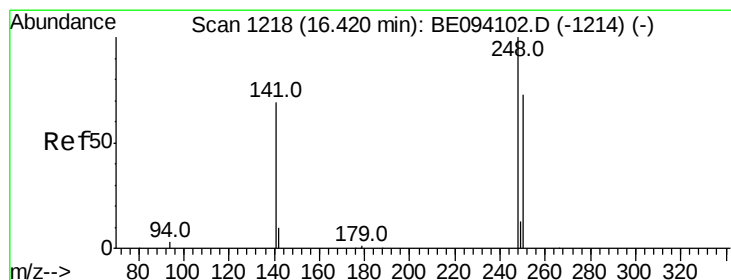
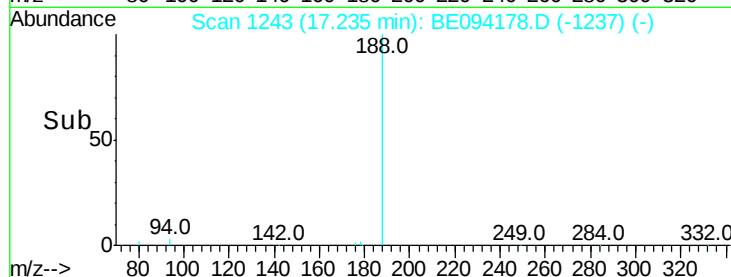
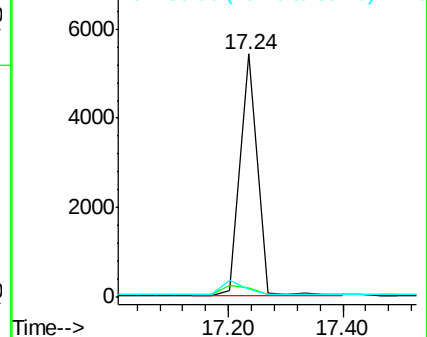
80 3.5 3.6 5.4#



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: 2.448 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

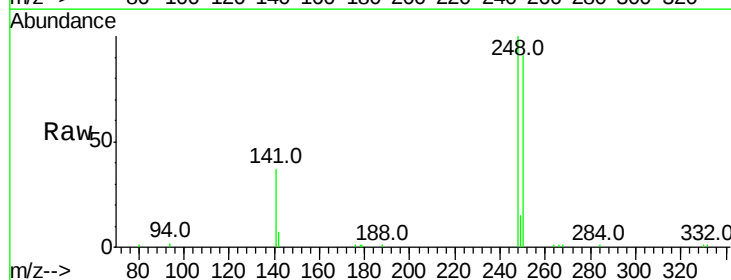
Tgt Ion:248 Resp: 11070

Ion Ratio Lower Upper

248 100

250 91.2 62.7 94.1

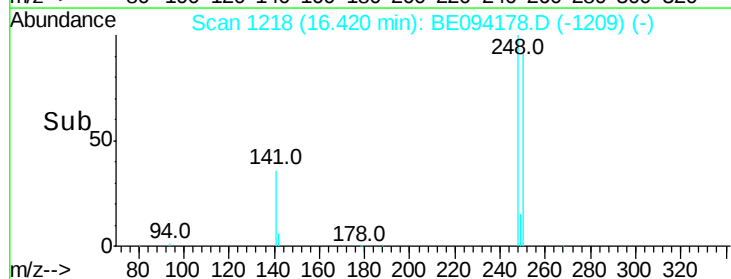
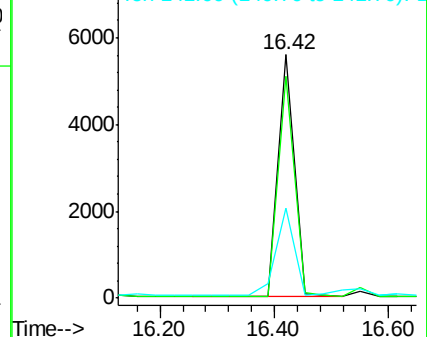
141 36.8 48.2 72.2#

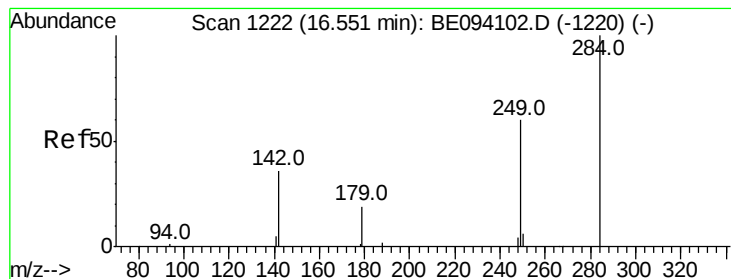


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.383 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

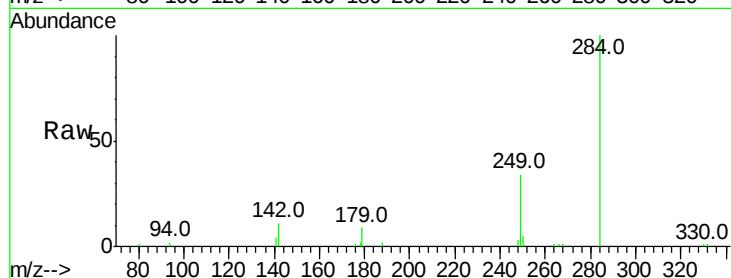
Tot Ion:284 Resp: 9656

Ion Ratio Lower Upper

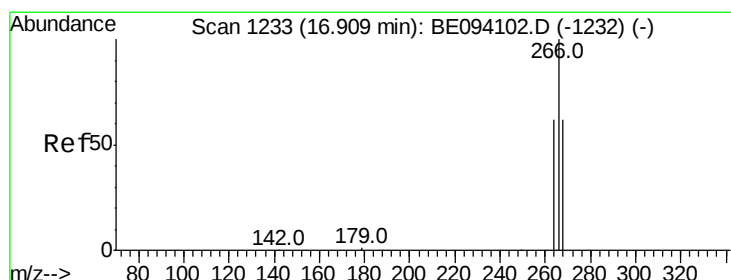
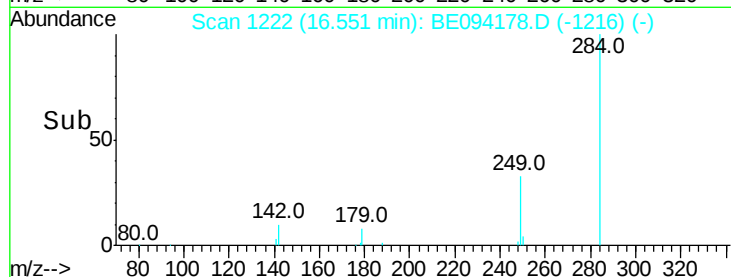
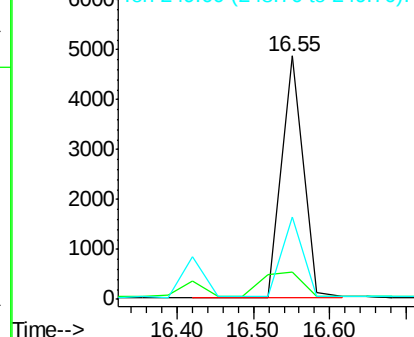
284 100

142 19.2 22.1 33.1#

249 32.8 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: 1.024 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

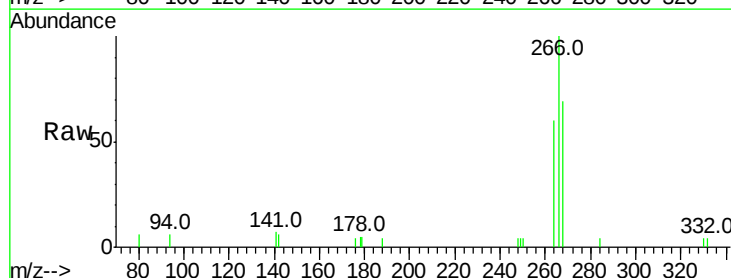
Tgt Ion:266 Resp: 2677

Ion Ratio Lower Upper

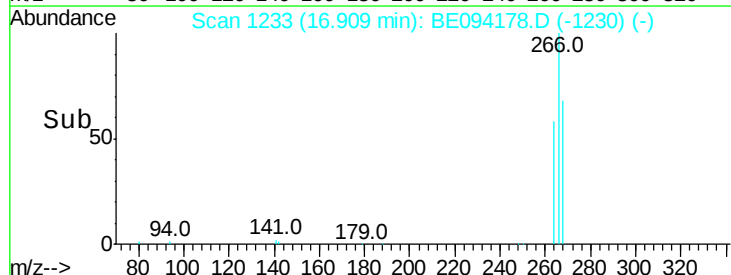
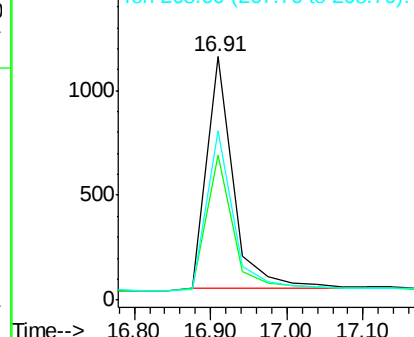
266 100

264 59.8 72.5 108.7#

268 69.4 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: 2.218 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

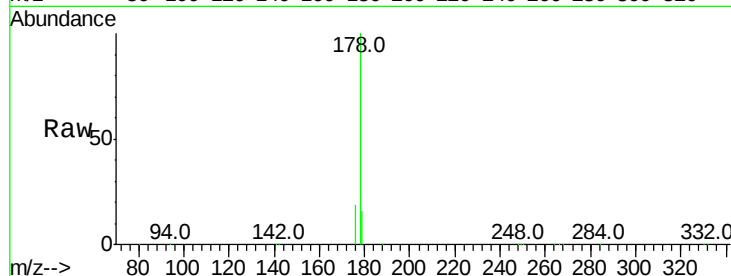
Tot Ion:178 Resp: 62544

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

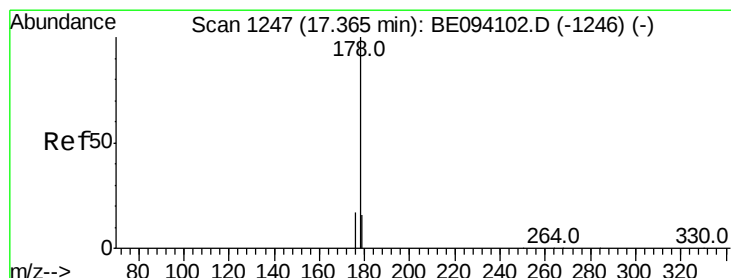
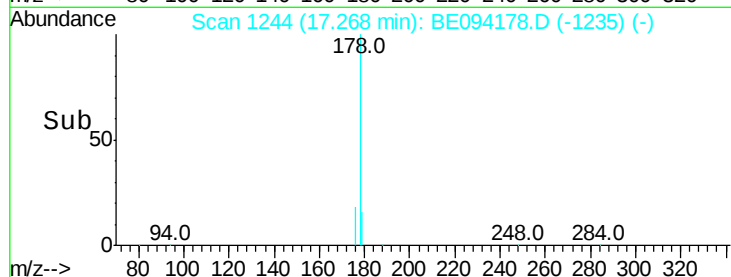
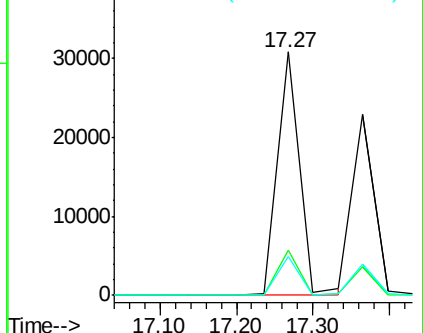
179 15.5 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.548 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

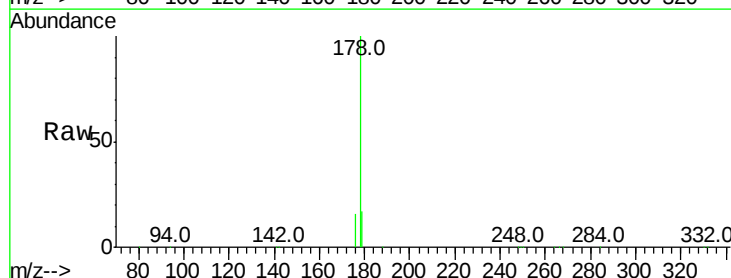
Tgt Ion:178 Resp: 45798

Ion Ratio Lower Upper

178 100

176 15.4 12.8 19.2

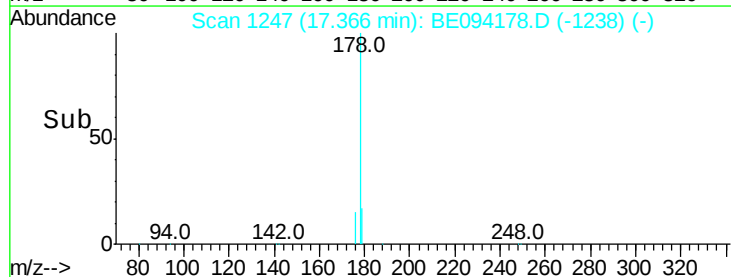
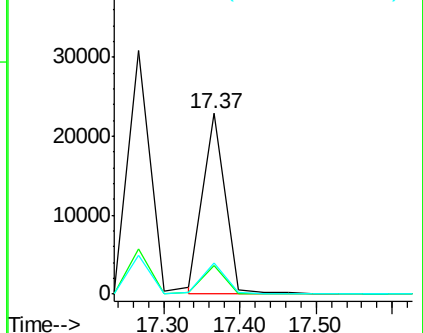
179 17.3 13.0 19.6



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: 1.676 ng

RT: 19.26 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

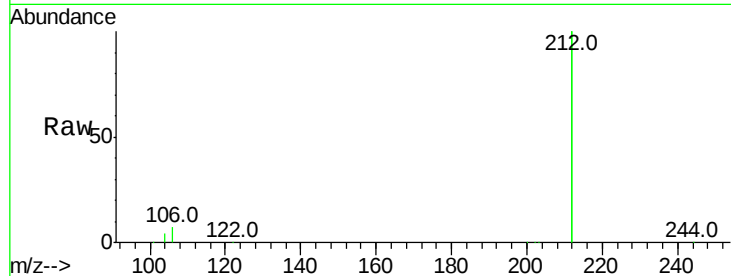
Tot Ion:212 Resp: 178854

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

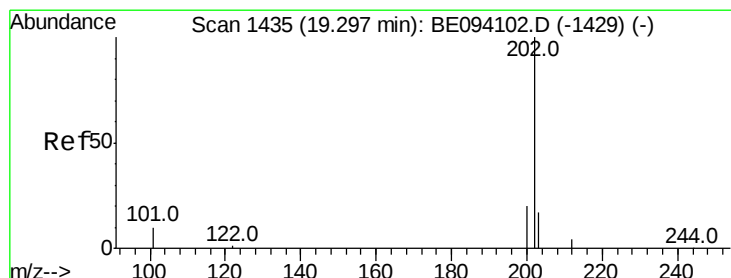
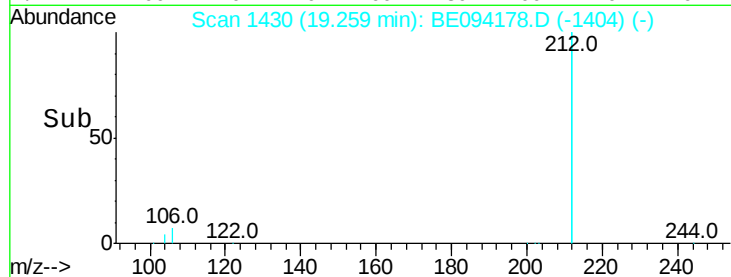
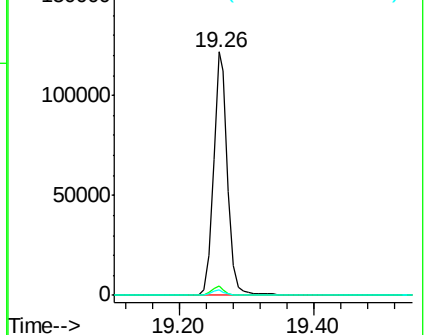
104 2.0 1.6 2.4



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: 1.737 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

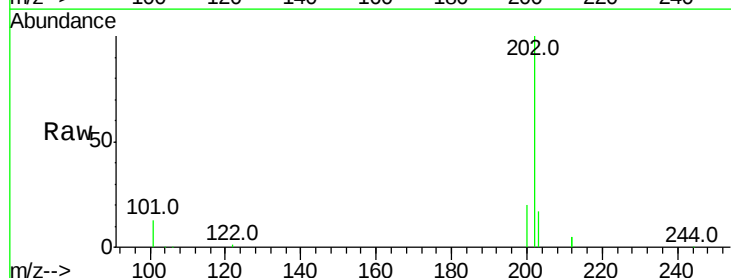
Tgt Ion:202 Resp: 54898

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

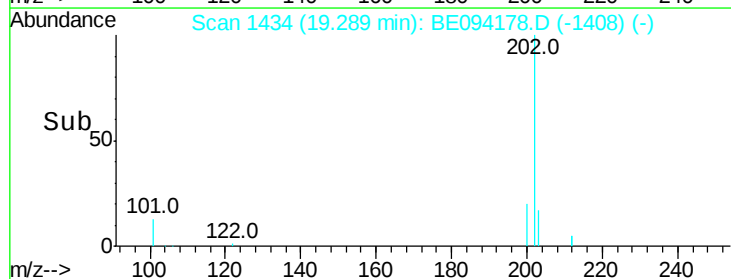
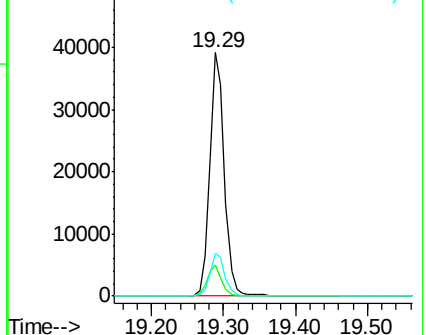
203 17.5 13.7 20.5



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: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

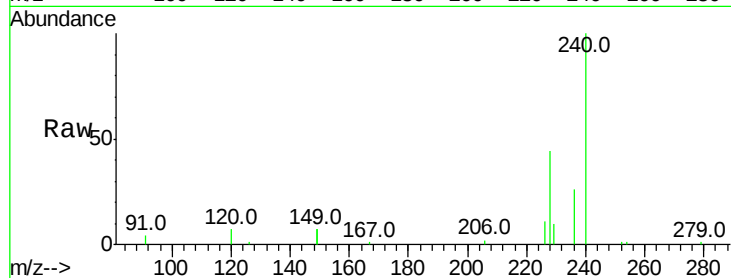
Tot Ion:240 Resp: 10354

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

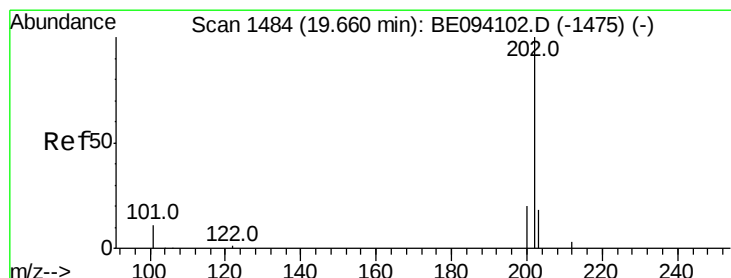
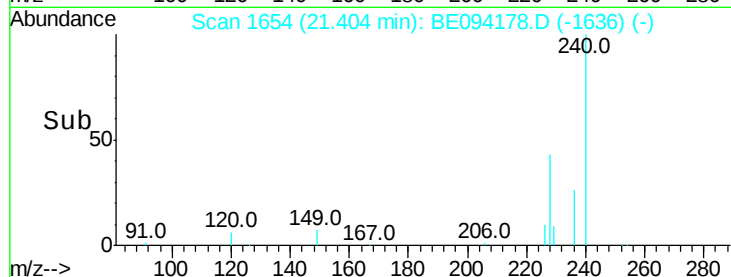
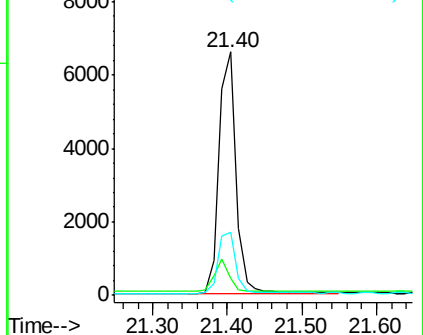
236 26.2 20.7 31.1



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: 1.728 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

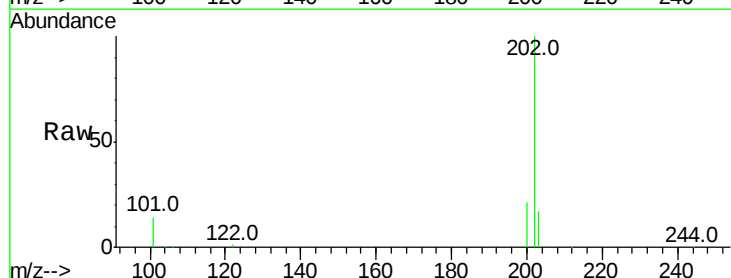
Tgt Ion:202 Resp: 56681

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

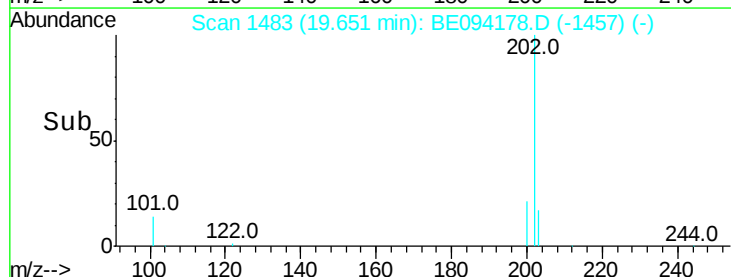
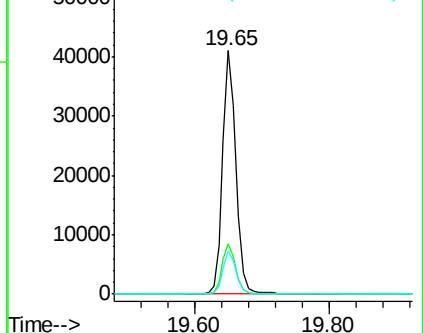
203 17.6 13.8 20.8

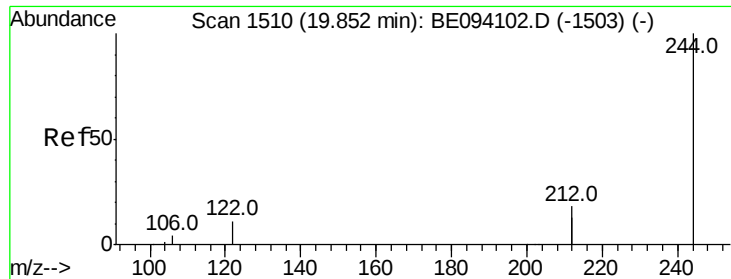


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.641 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

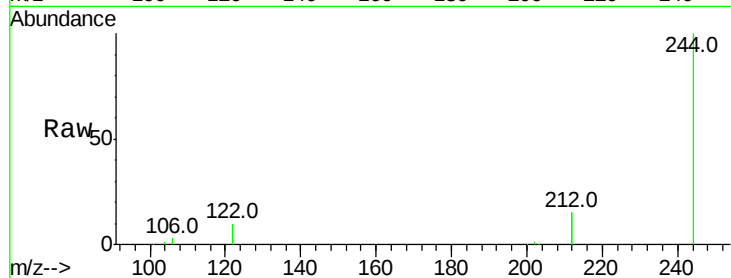
Tot Ion:244 Resp: 31002

Ion Ratio Lower Upper

244 100

212 30.8 25.4 38.0

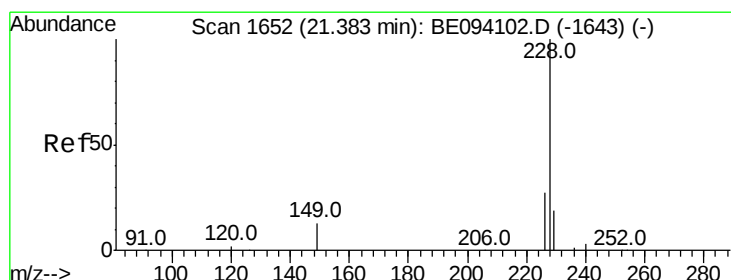
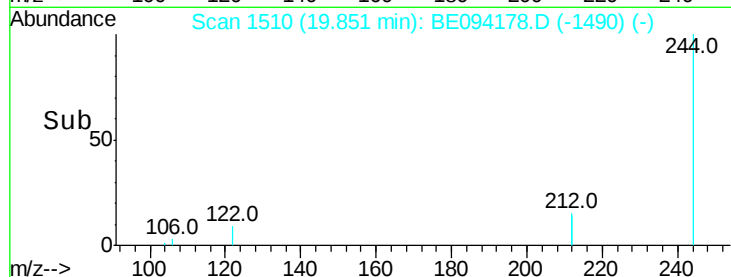
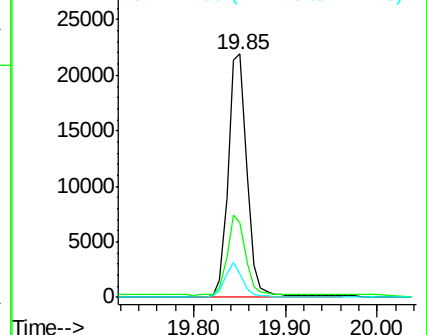
122 9.5 8.1 12.1



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: 1.569 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

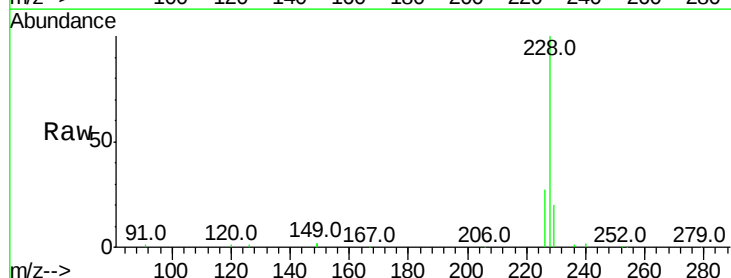
Tgt Ion:228 Resp: 54719

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

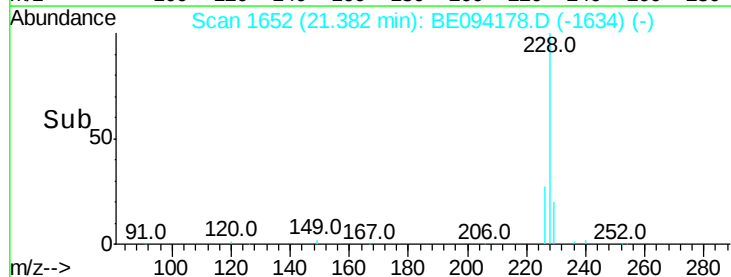
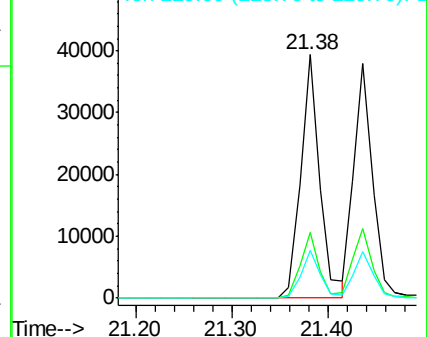
229 19.7 16.4 24.6

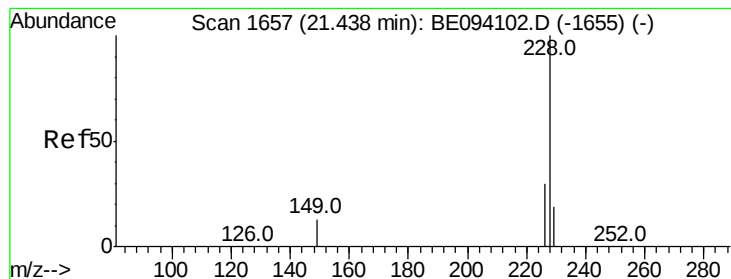


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.548 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

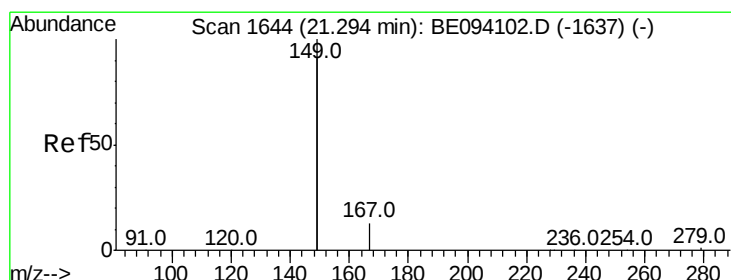
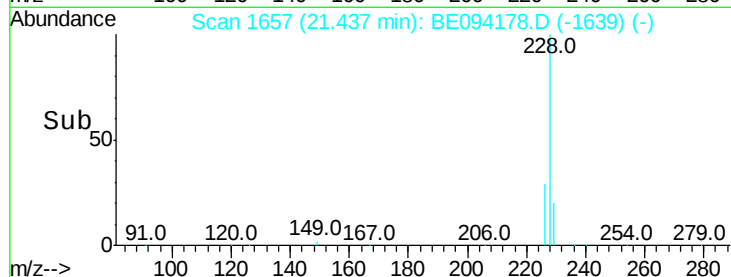
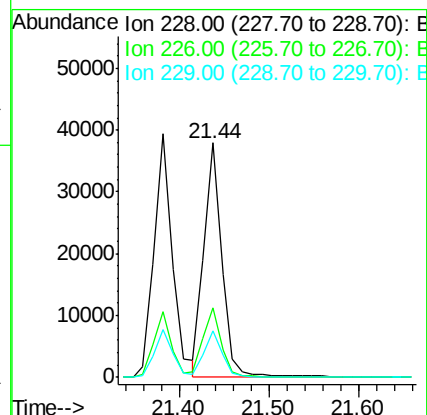
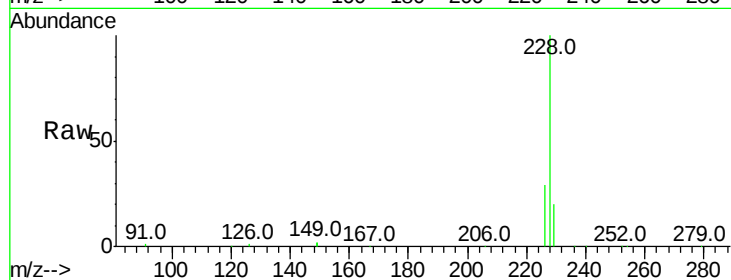
Tot Ion:228 Resp: 52084

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

229 20.0 16.4 24.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.704 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

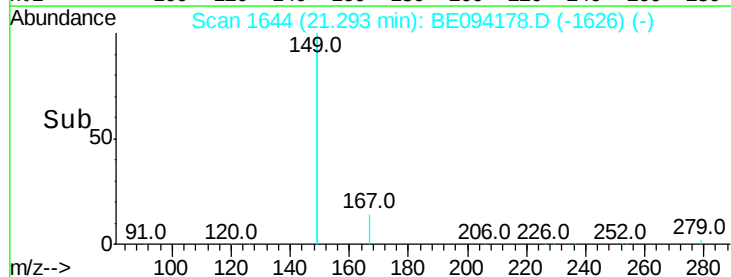
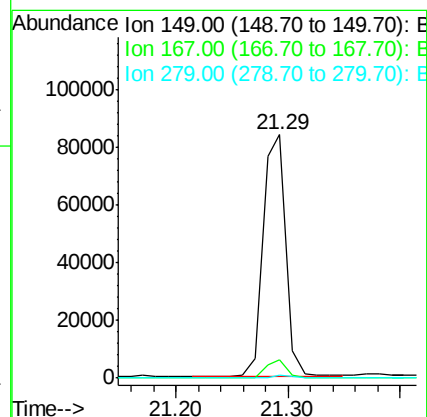
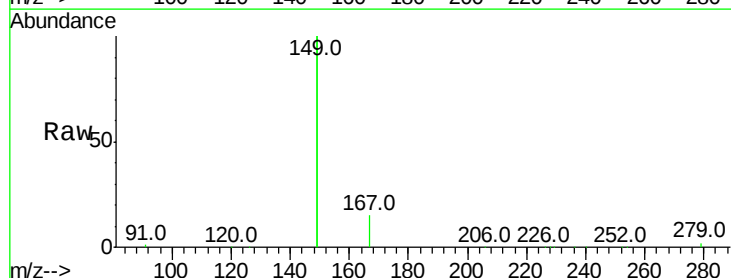
Tgt Ion:149 Resp: 117507

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.460 ng

RT: 26.54 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

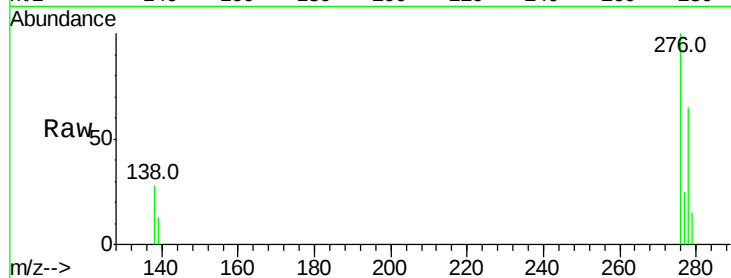
Tot Ion:276 Resp: 52576

Ion Ratio Lower Upper

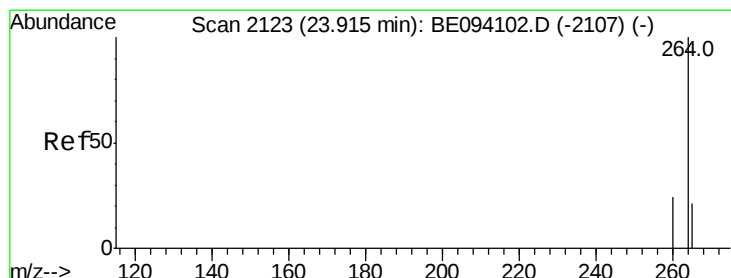
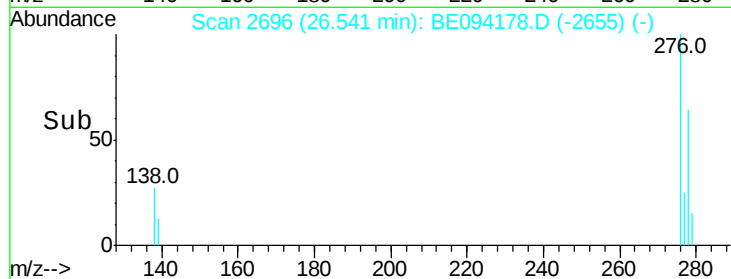
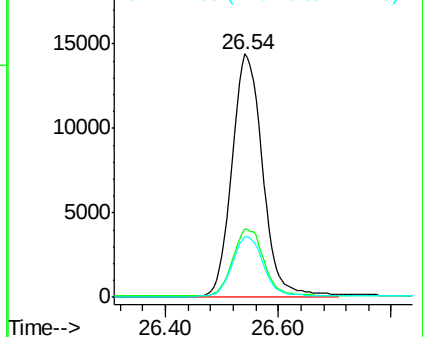
276 100

138 28.3 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: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

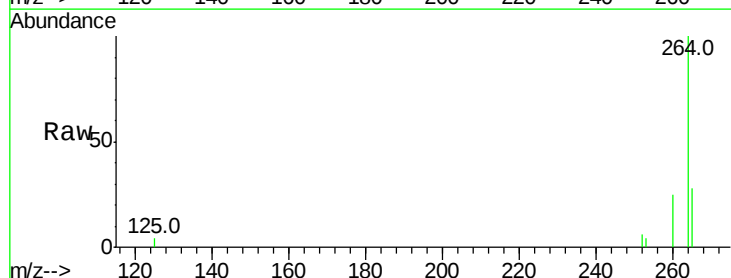
Tgt Ion:264 Resp: 9396

Ion Ratio Lower Upper

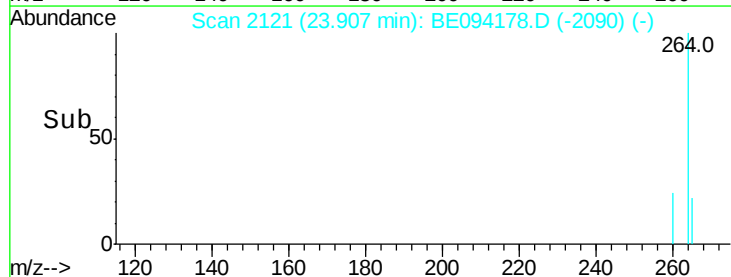
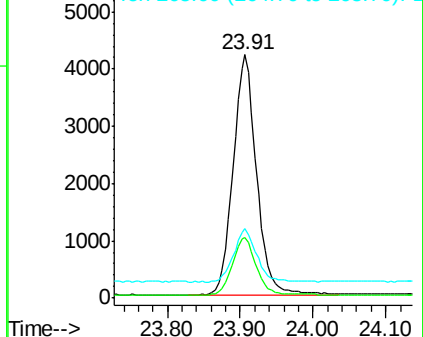
264 100

260 25.0 20.5 30.7

265 28.4 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: 1.518 ng

RT: 23.13 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

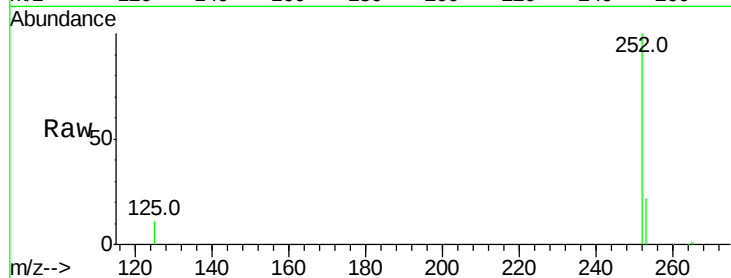
Tot Ion:252 Resp: 51455

Ion Ratio Lower Upper

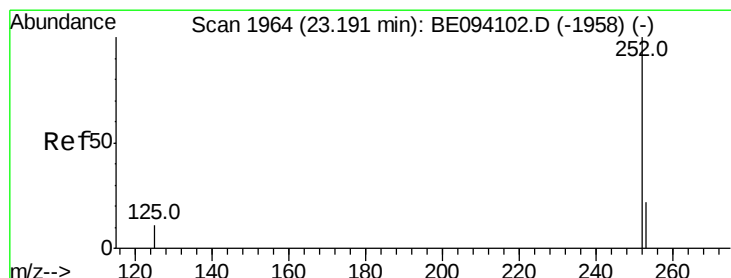
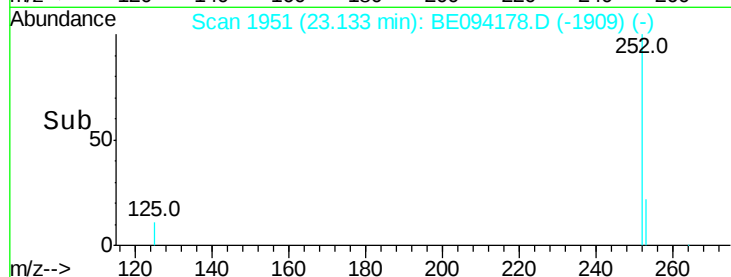
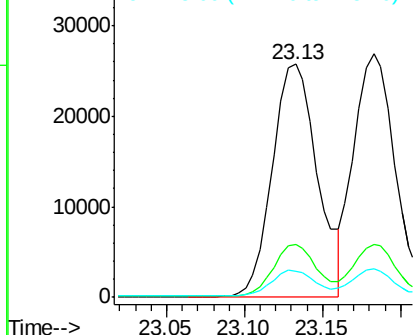
252 100

253 22.5 18.2 27.2

125 11.4 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: 1.557 ng

RT: 23.18 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

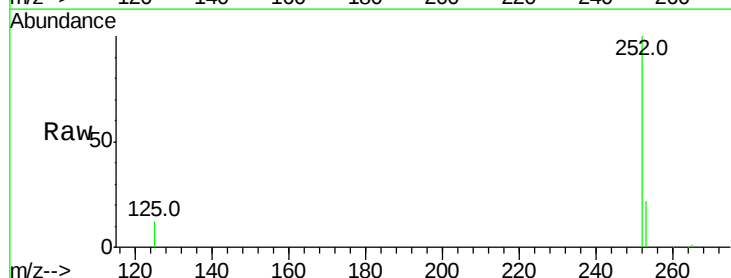
Tgt Ion:252 Resp: 50536

Ion Ratio Lower Upper

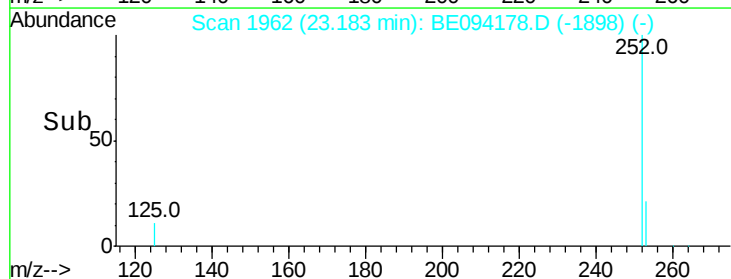
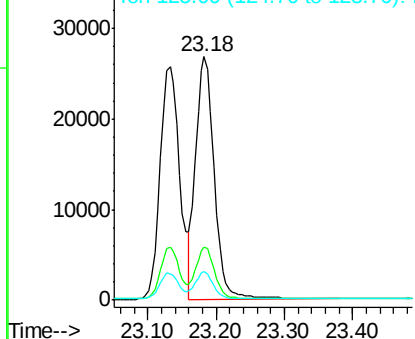
252 100

253 21.9 18.6 27.8

125 11.5 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: 1.559 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

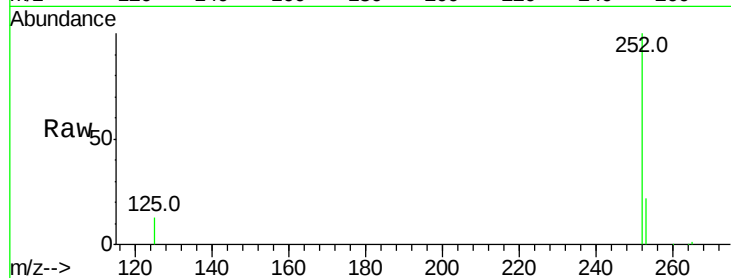
Tot Ion:252 Resp: 47765

Ion Ratio Lower Upper

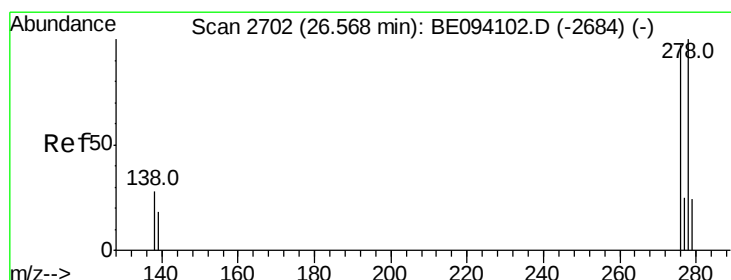
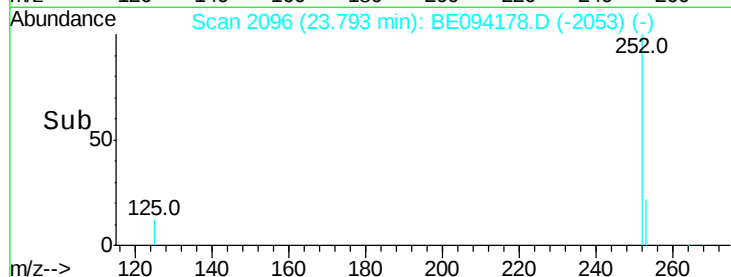
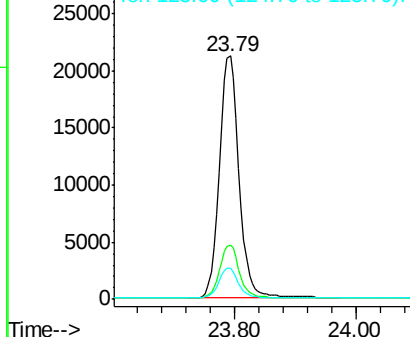
252 100

253 22.5 19.0 28.6

125 12.5 11.8 17.8



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



#38

Dibenzo(a,h)anthracene

Concen: 1.547 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BE094178.D

Acq: 6 Oct 2017 13:52

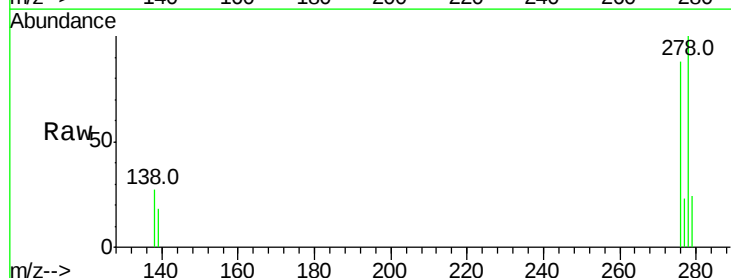
Tgt Ion:278 Resp: 44865

Ion Ratio Lower Upper

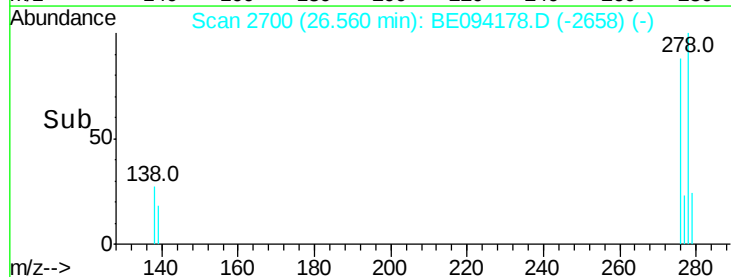
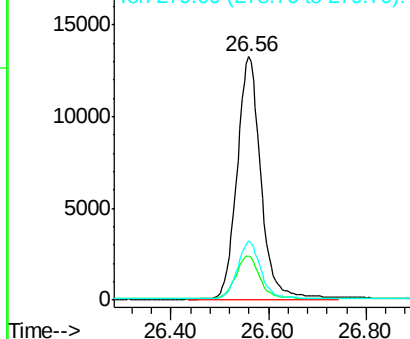
278 100

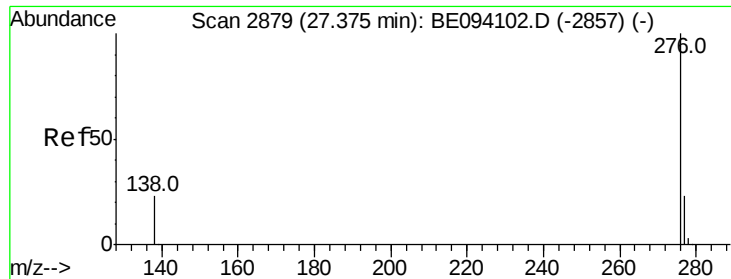
139 18.2 16.3 24.5

279 24.3 19.9 29.9



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





#39

Benzo(a,h,i)perylene

Concen: 1.579 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE094178.D

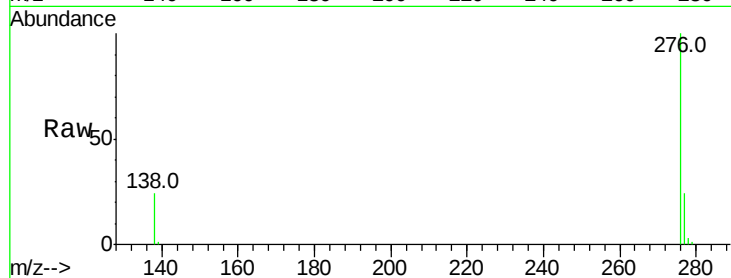
Acq: 6 Oct 2017 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



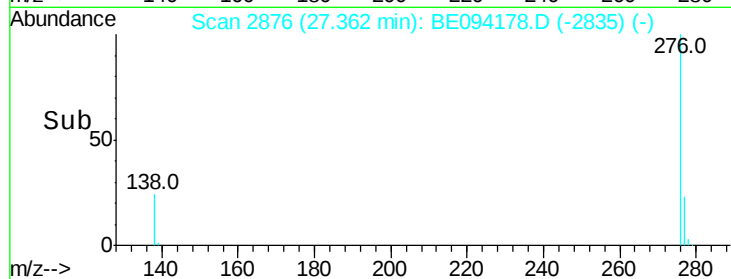
Tot Ion: 276 Resp: 45346

Ion Ratio Lower Upper

276 100

277 23.7 20.8 31.2

138 24.3 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

