

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094173.D
 Acq On : 6 Oct 2017 10:46
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 06 19:17:41 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1359	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6527	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3932	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11501	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10453	0.40	ng	0.00
34) Perylene-d12	23.91	264	9882	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1854	0.41	ng	0.00
5) Phenol-d6	7.09	99	2657	0.40	ng	0.00
8) Nitrobenzene-d5	9.04	82	2168	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4062	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	655	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5296	0.39	ng	0.00
25) Fluoranthene-d10	19.26	212	45226	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	8004	0.41	ng	0.00

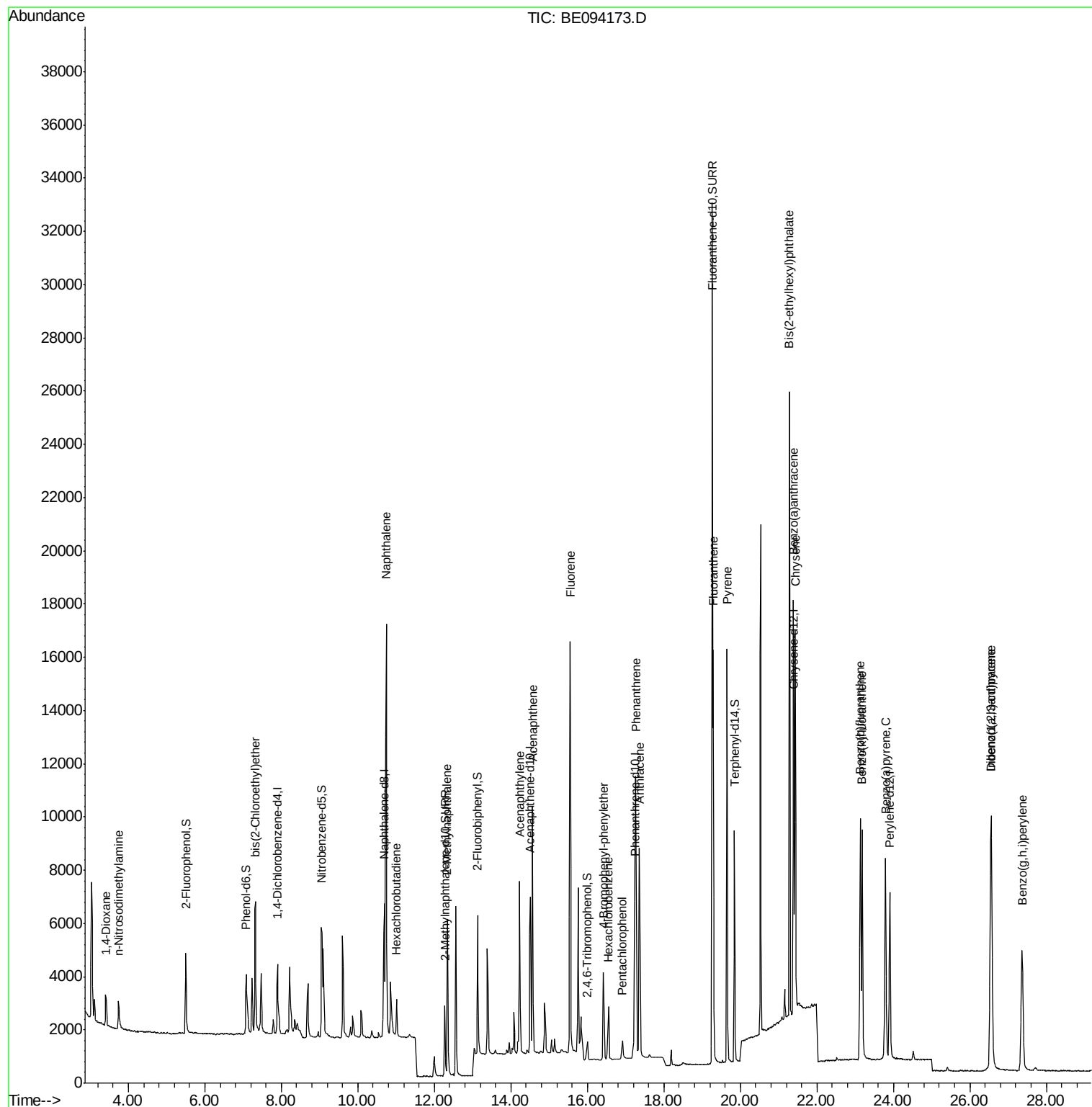
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	965	0.392	ng	# 85
3) n-Nitrosodimethylamine	3.74	42	1047	0.396	ng	96
6) bis(2-Chloroethyl)ether	7.33	93	2124	0.399	ng	97
9) Naphthalene	10.74	128	29641	0.403	ng	100
10) Hexachlorobutadiene	11.01	225	1129	0.405	ng	98
12) 2-Methylnaphthalene	12.35	142	4837	0.401	ng	100
16) Acenaphthylene	14.23	152	7803	0.392	ng	99
17) Acenaphthene	14.57	154	5202	0.396	ng	97
18) Fluorene	15.55	166	6839	0.397	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2617	0.395	ng	89
21) Hexachlorobenzene	16.55	284	2433	0.409	ng	# 85
22) Pentachlorophenol	16.91	266	755	0.468	ng	# 74
23) Phenanthrene	17.27	178	16196	0.406	ng	99
24) Anthracene	17.37	178	12166	0.400	ng	99
26) Fluoranthene	19.29	202	13566	0.388	ng	99
28) Pyrene	19.65	202	14364	0.399	ng	99
30) Benzo(a)anthracene	21.38	228	13584	0.395	ng	98
31) Chrysene	21.44	228	13345	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	32654	0.413	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	13500	0.401	ng	99
35) Benzo(b)fluoranthene	23.13	252	13141	0.395	ng	98
36) Benzo(k)fluoranthene	23.18	252	13000	0.385	ng	99
37) Benzo(a)pyrene	23.79	252	12356	0.393	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	11413	0.392	ng	99
39) Benzo(g,h,i)perylene	27.37	276	11604	0.390	ng	100

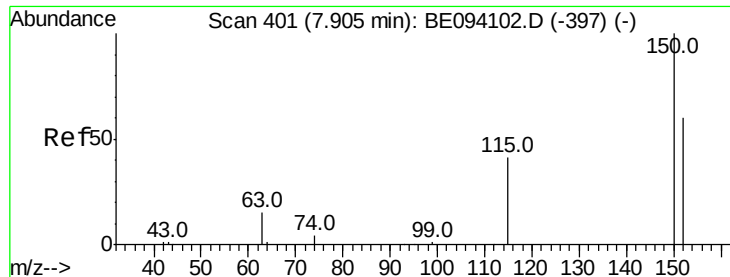
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

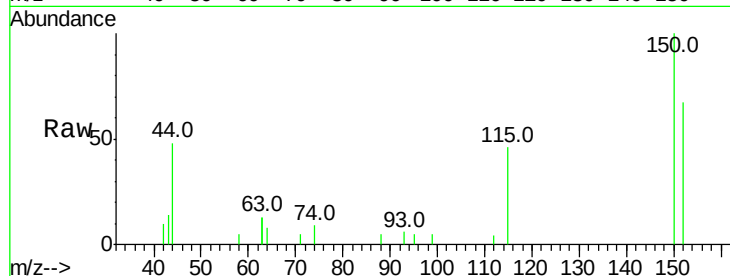
Tot Ion:152 Resp: 1359

Ion Ratio Lower Upper

152 100

150 148.9 117.2 175.8

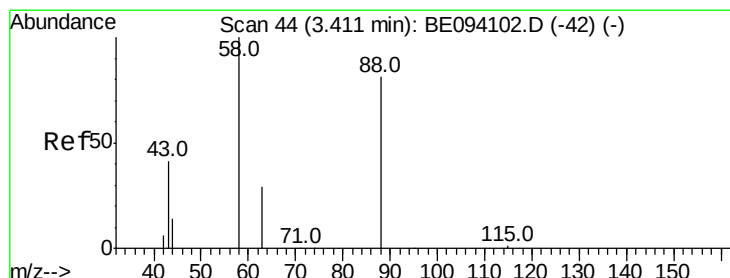
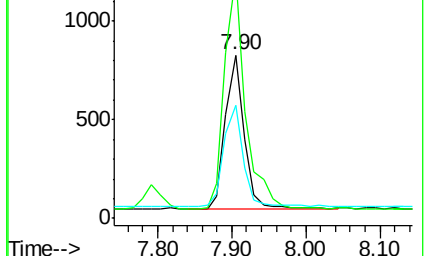
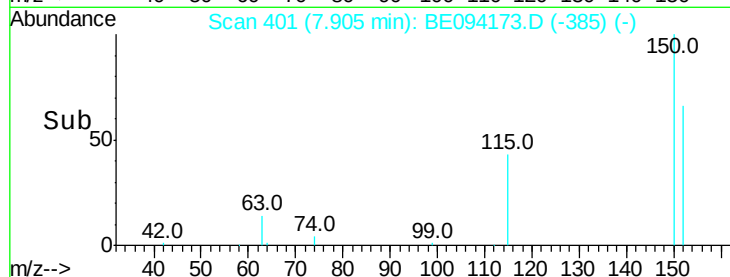
115 69.1 57.0 85.6



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: 0.392 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

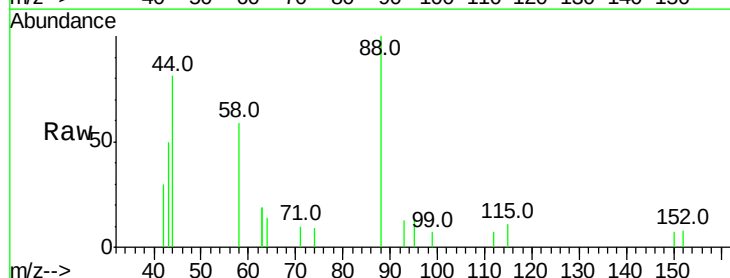
Tgt Ion: 88 Resp: 965

Ion Ratio Lower Upper

88 100

58 86.1 63.2 94.8

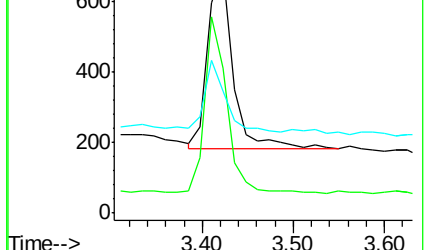
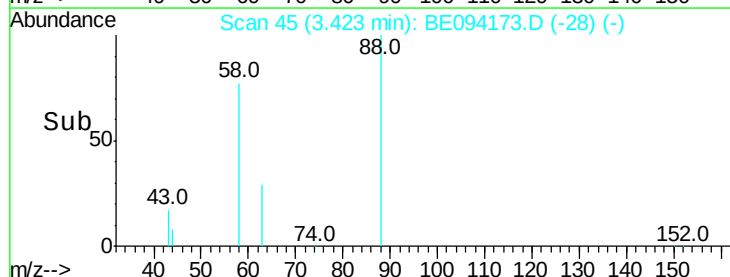
43 34.4 41.2 61.8#

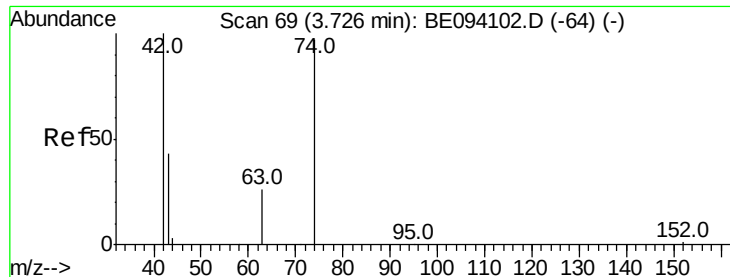


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



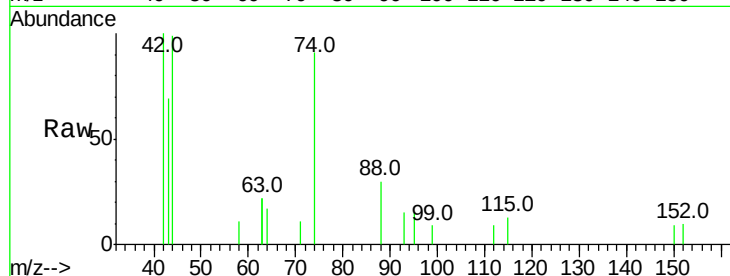


#3

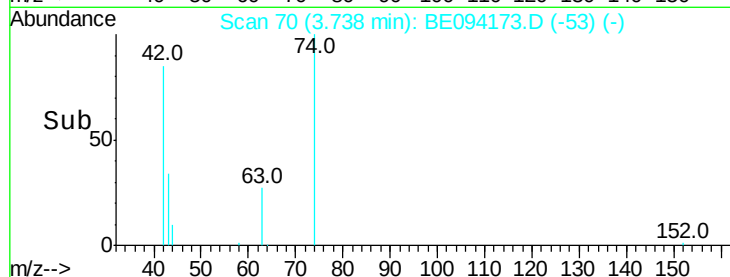
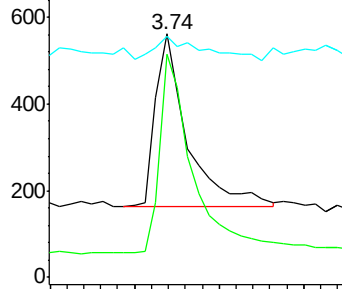
n-Nitrosodimethylamine
 Concen: 0.396 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: BE094173.D
 Acq: 6 Oct 2017 10:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 1047
 Ion Ratio Lower Upper
 42 100
 74 120.7 100.3 150.5
 44 20.8 17.0 25.4



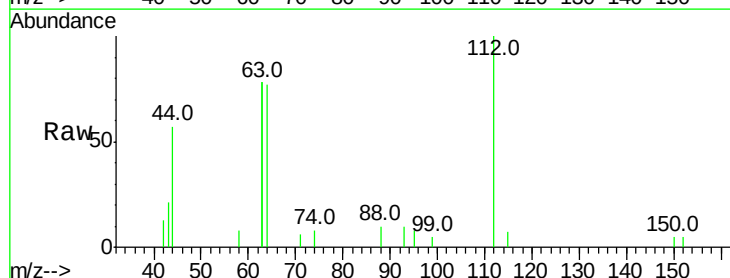
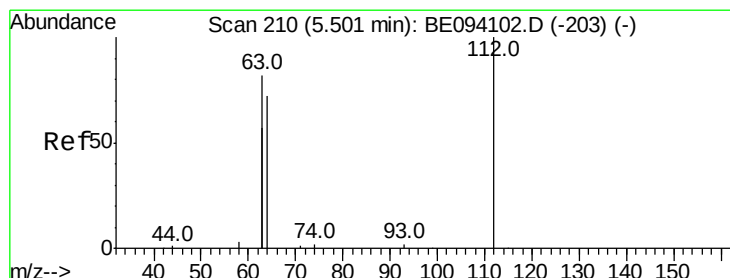
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



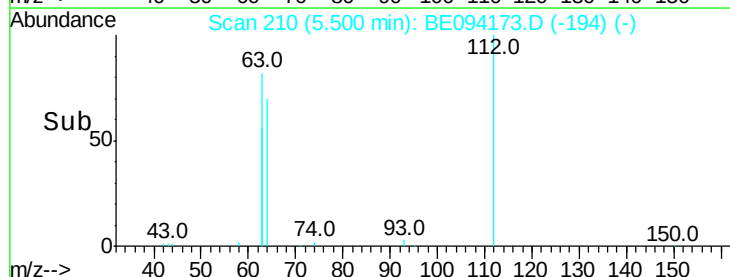
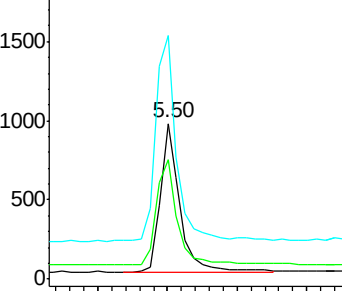
#4

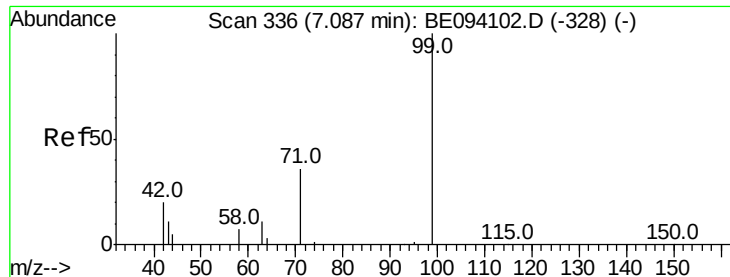
2-Fluorophenol
 Concen: 0.409 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094173.D
 Acq: 6 Oct 2017 10:46

Tgt Ion: 112 Resp: 1854
 Ion Ratio Lower Upper
 112 100
 64 75.2 60.1 90.1
 63 149.0 116.8 175.2



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: 0.405 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

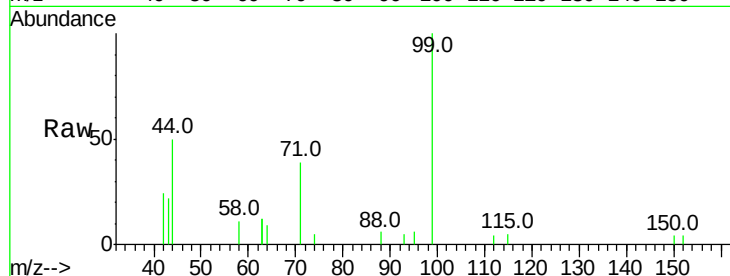
Tot Ion: 99 Resp: 2657

Ion Ratio Lower Upper

99 100

42 22.0 20.2 30.2

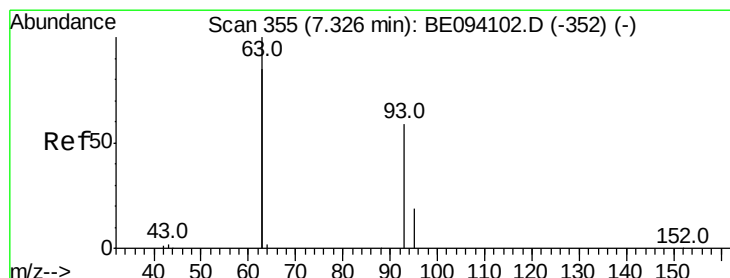
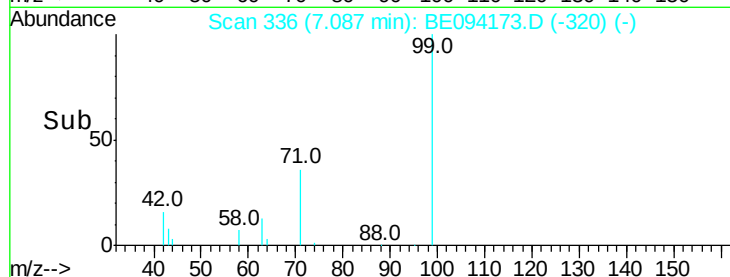
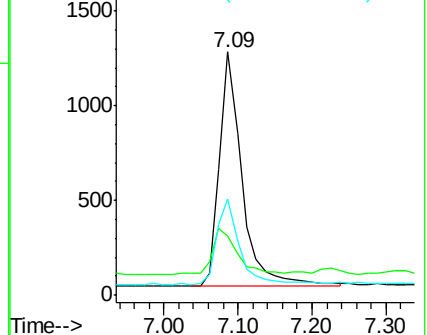
71 36.7 28.4 42.6



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: 0.399 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

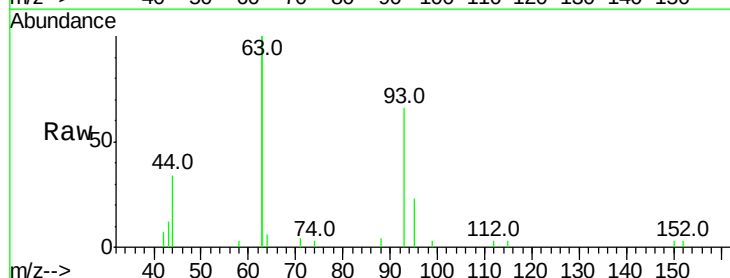
Tgt Ion: 93 Resp: 2124

Ion Ratio Lower Upper

93 100

63 350.8 275.3 412.9

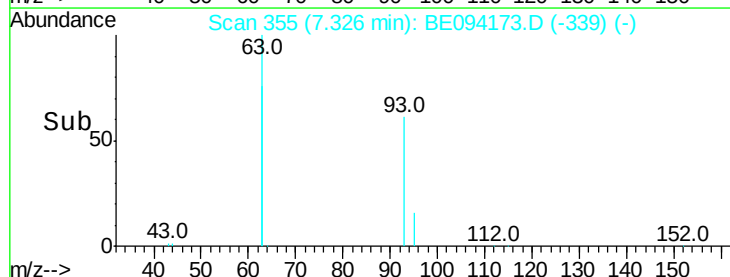
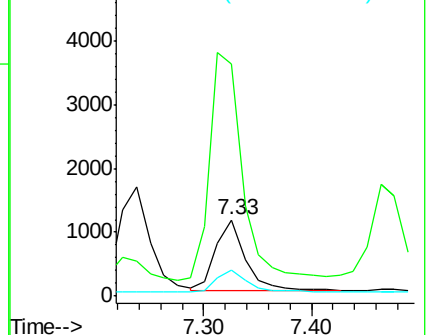
95 30.6 25.2 37.8

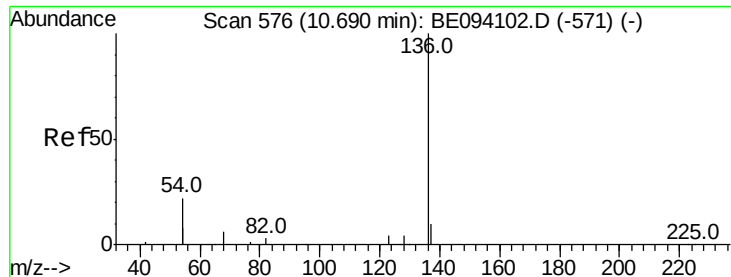


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6527

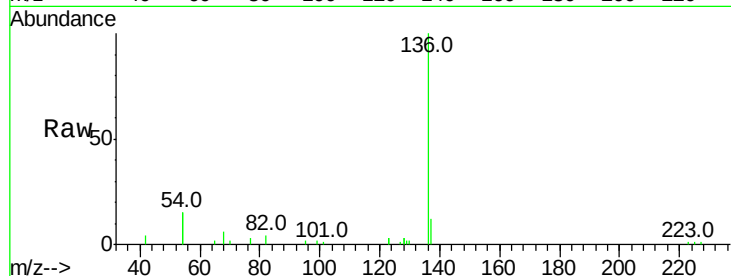
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 29.8 29.1 43.7

68 6.2 6.2 9.2

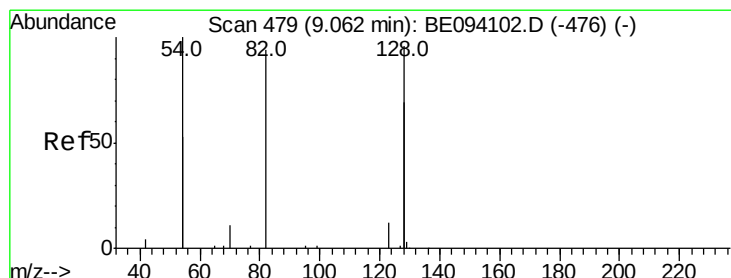
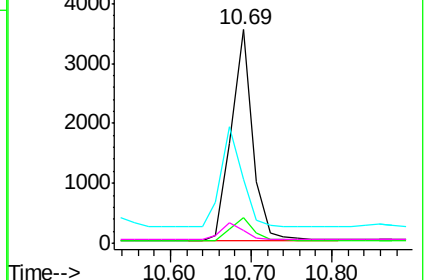
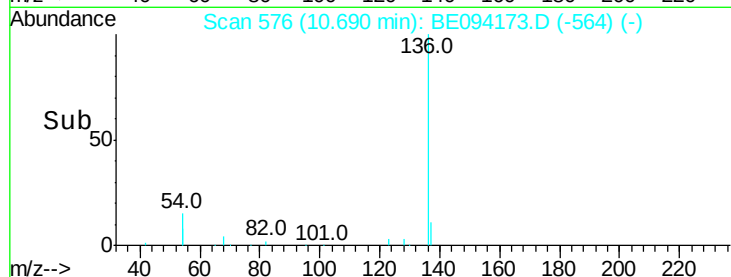


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

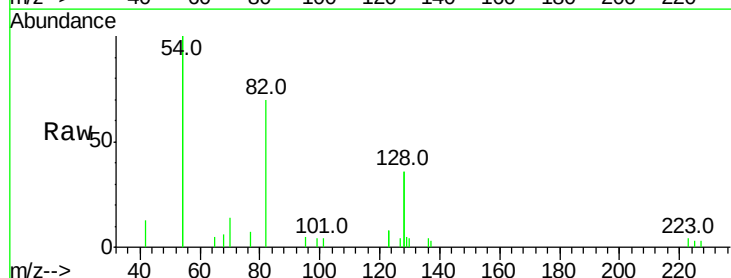
Tgt Ion: 82 Resp: 2168

Ion Ratio Lower Upper

82 100

128 104.7 150.0 225.0#

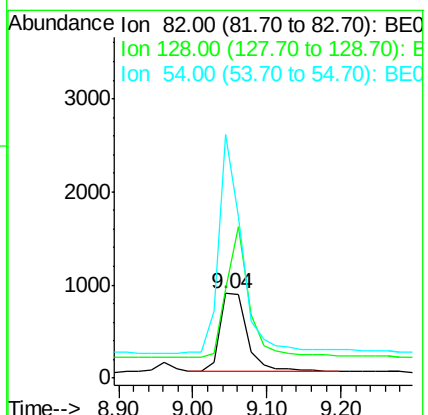
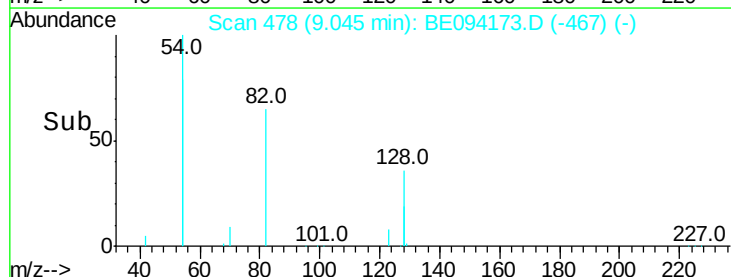
54 286.9 154.2 231.4#

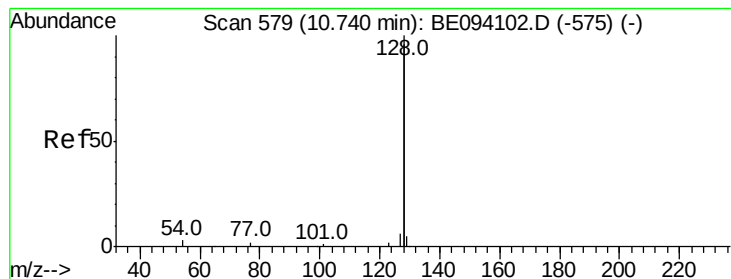


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

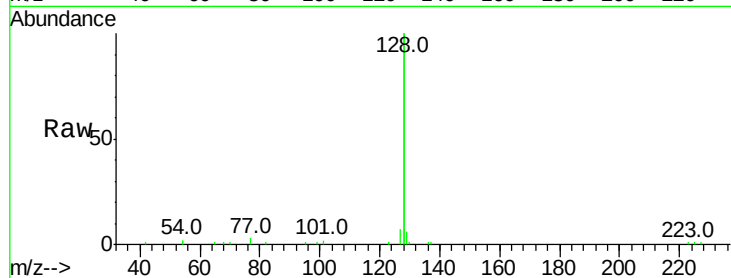
Tot Ion:128 Resp: 29641

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

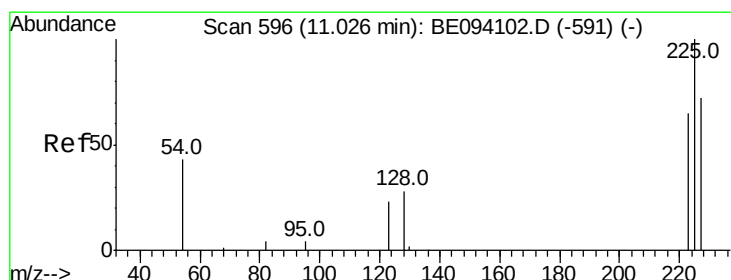
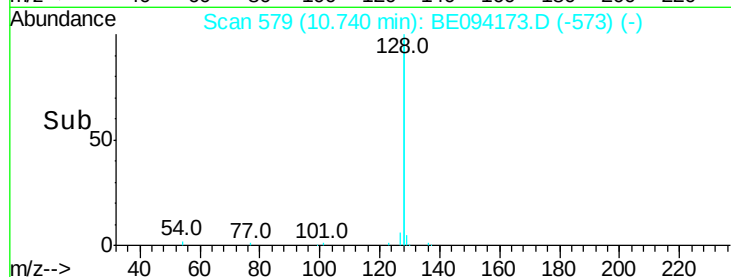
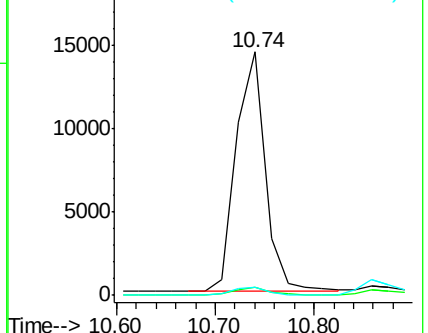
127 3.4 2.8 4.2



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: 0.405 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

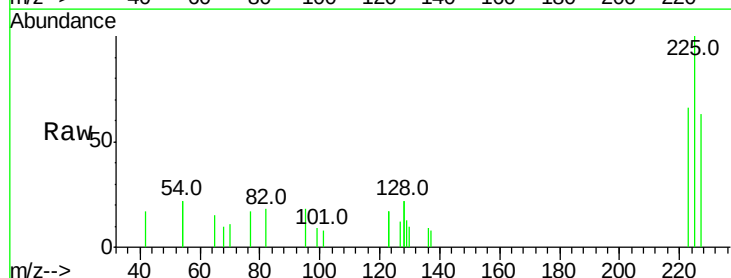
Tgt Ion:225 Resp: 1129

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

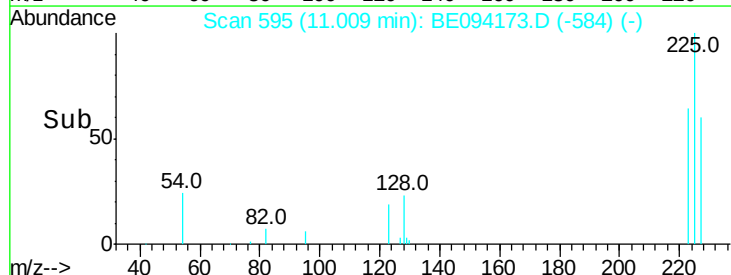
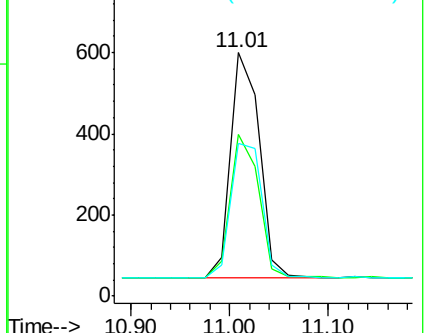
227 64.7 51.4 77.2

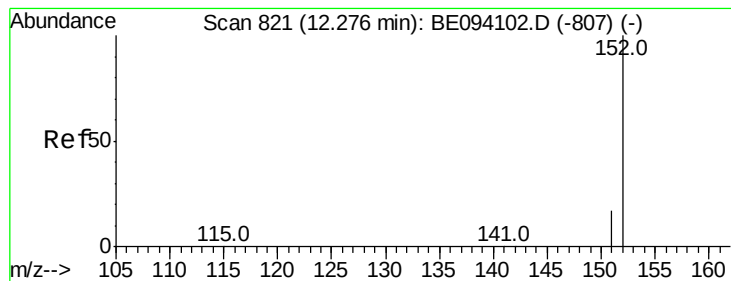


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

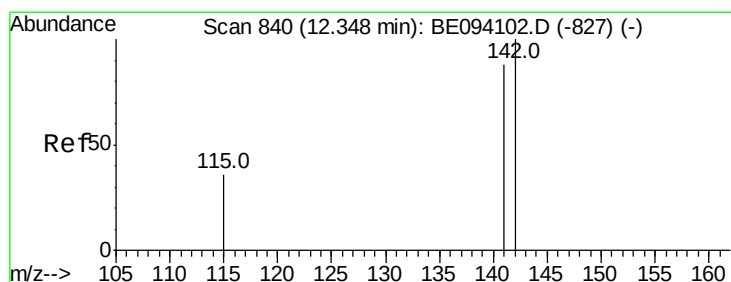
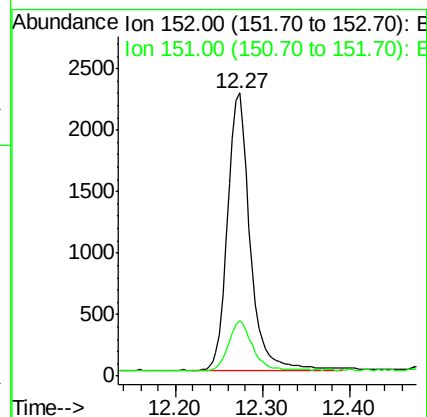
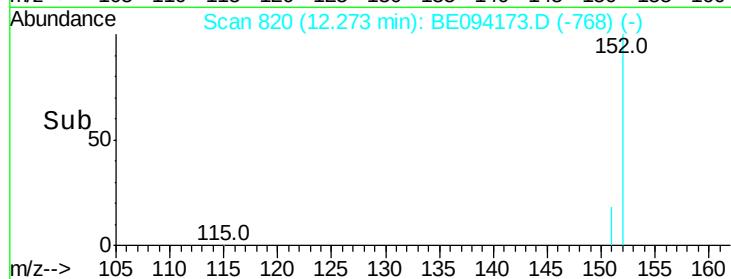
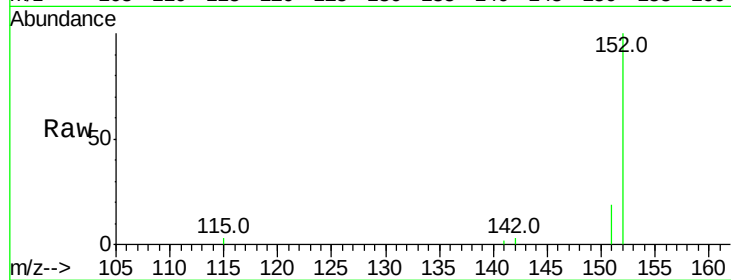
SSTDCCC0.4

Tot Ion:152 Resp: 4062

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 12.35 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

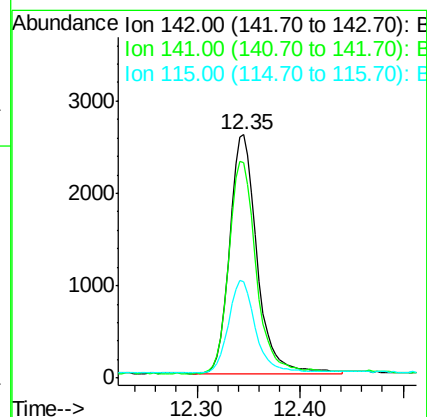
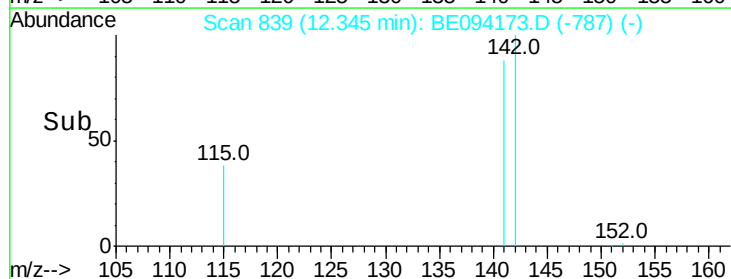
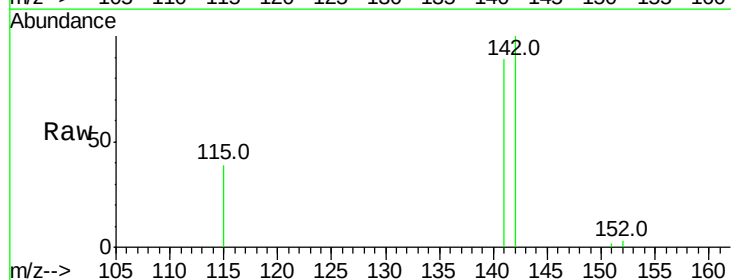
Tgt Ion:142 Resp: 4837

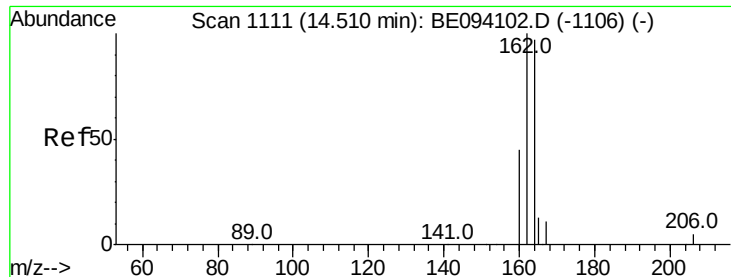
Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 39.4 31.7 47.5

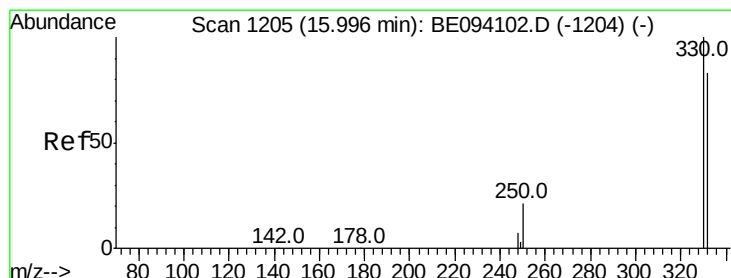
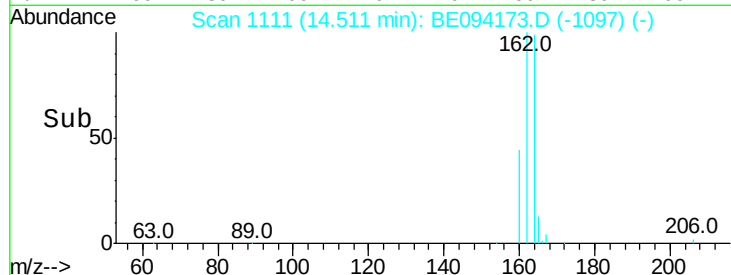
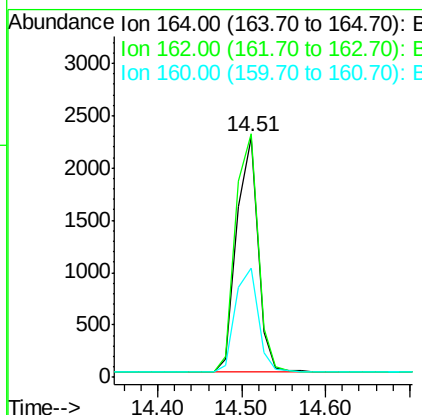
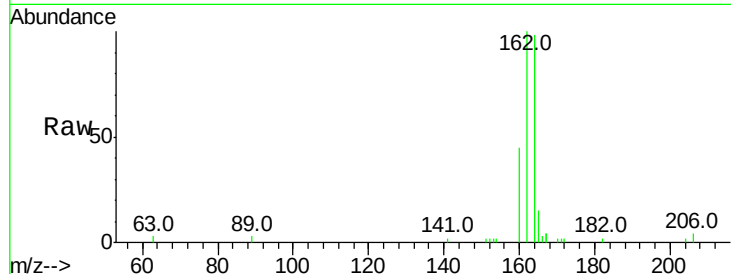




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094173.D
Acq: 6 Oct 2017 10:46

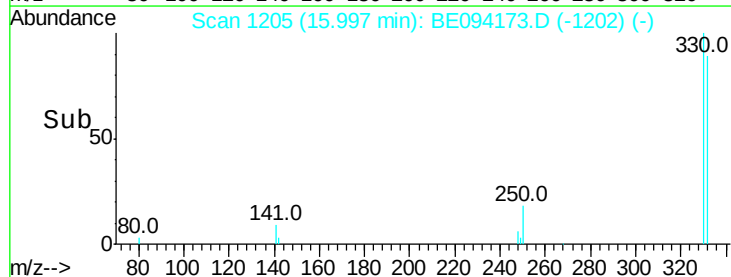
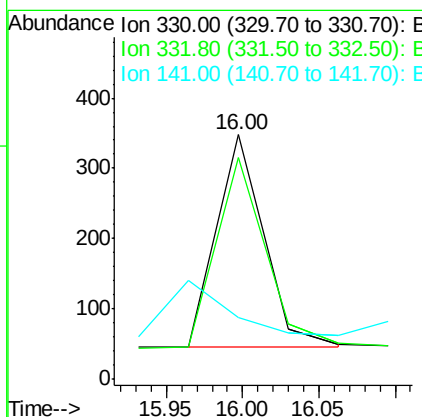
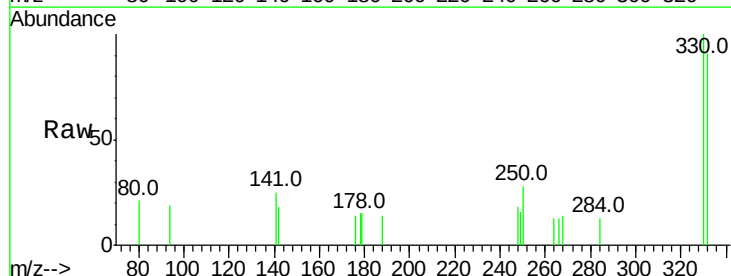
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

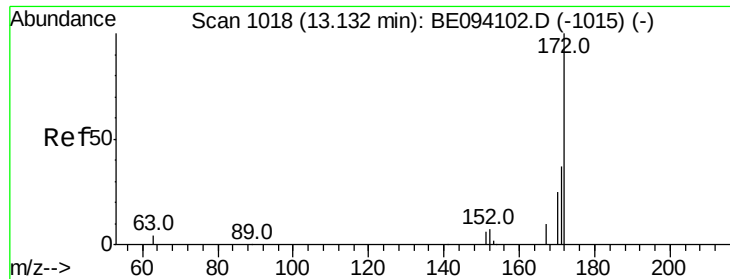
Tot Ion:164 Resp: 3932
Ion Ratio Lower Upper
164 100
162 101.6 83.1 124.7
160 45.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094173.D
Acq: 6 Oct 2017 10:46

Tgt Ion:330 Resp: 655
Ion Ratio Lower Upper
330 100
332 92.8 152.7 229.1#
141 0.0 33.7 50.5#

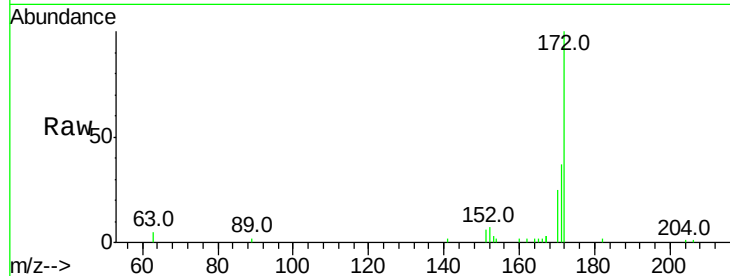




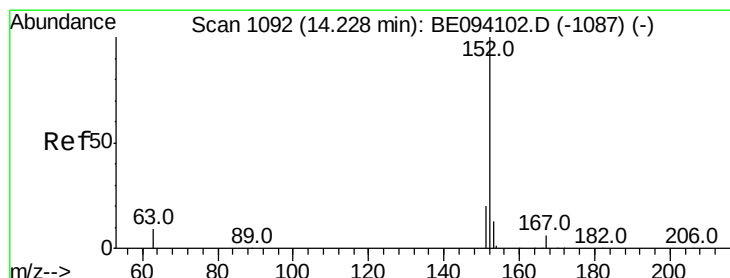
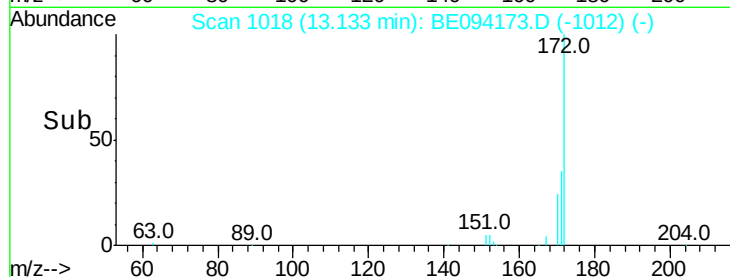
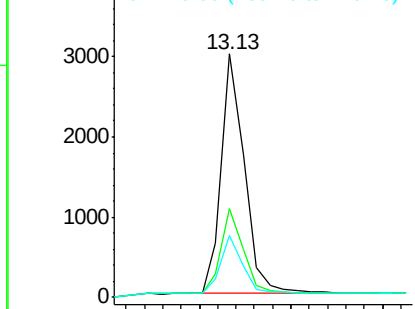
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094173.D
Acq: 6 Oct 2017 10:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 5296
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.3 21.8 32.8

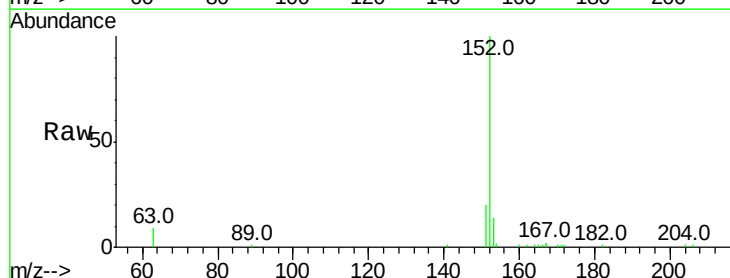


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

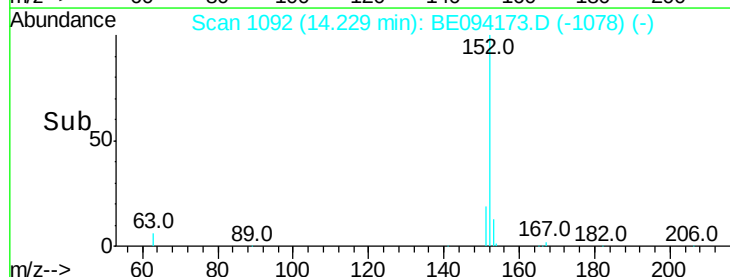
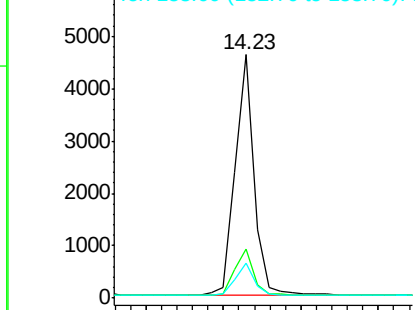


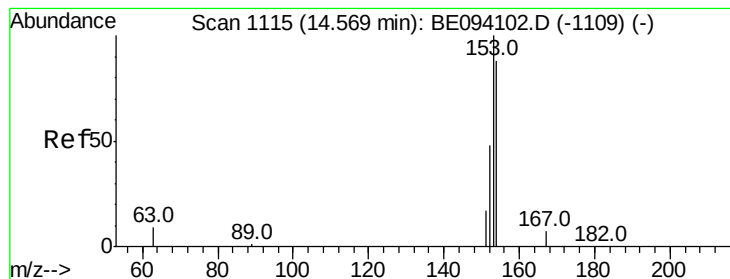
#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094173.D
Acq: 6 Oct 2017 10:46

Tgt Ion:152 Resp: 7803
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.6 10.5 15.7



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





#17

Acenaphthene

Concen: 0.396 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

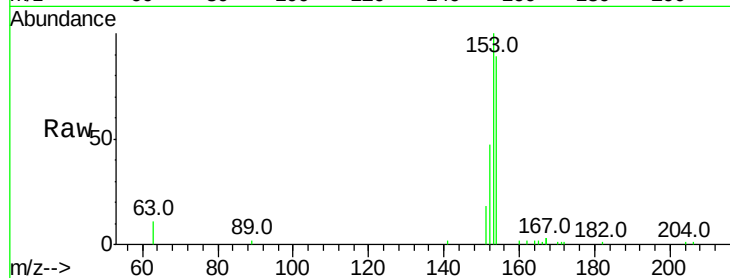
Tot Ion:154 Resp: 5202

Ion Ratio Lower Upper

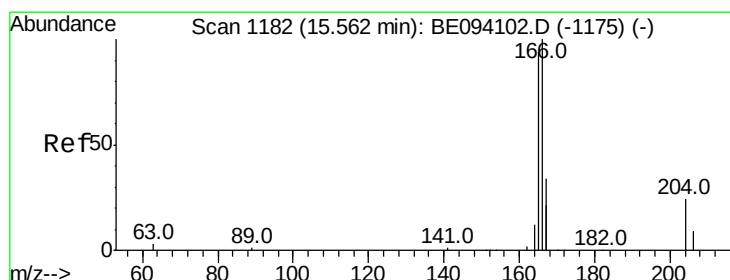
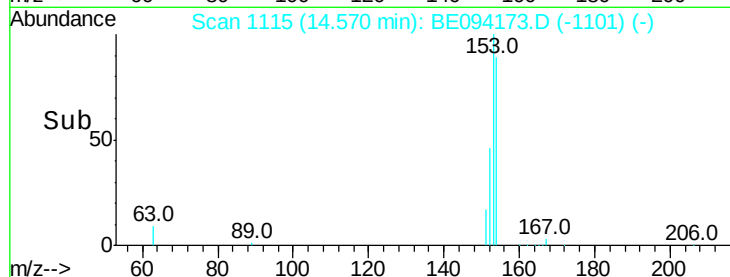
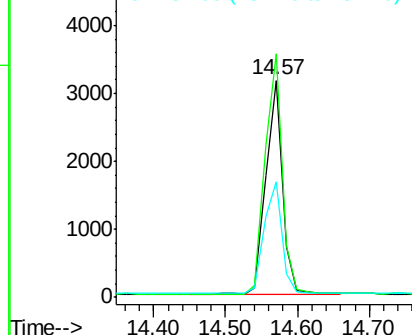
154 100

153 114.6 89.2 133.8

152 55.2 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: 0.397 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

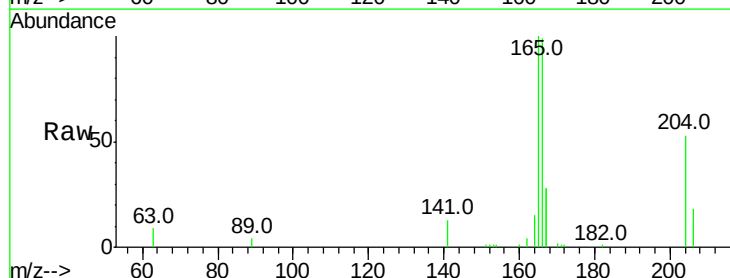
Tgt Ion:166 Resp: 6839

Ion Ratio Lower Upper

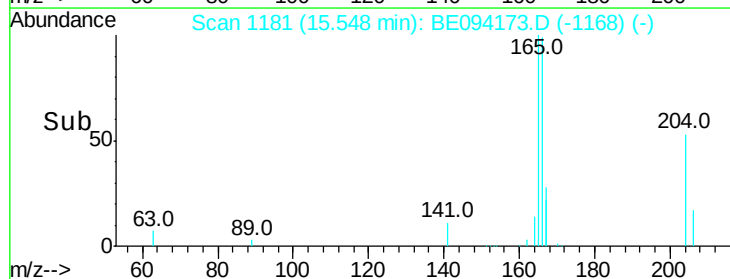
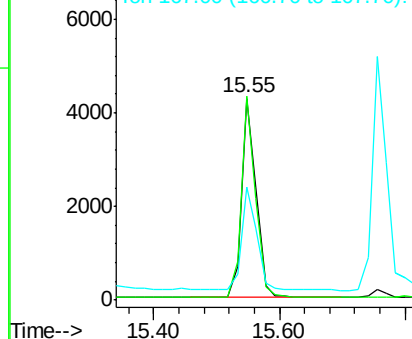
166 100

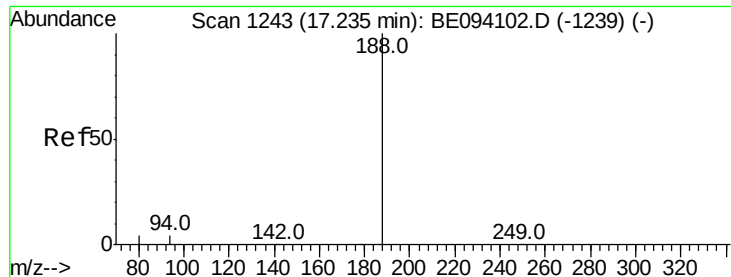
165 98.8 77.8 116.6

167 53.7 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

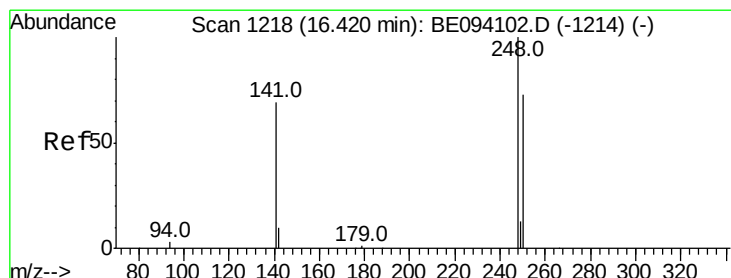
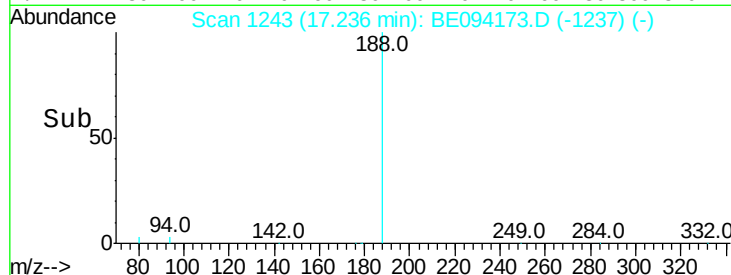
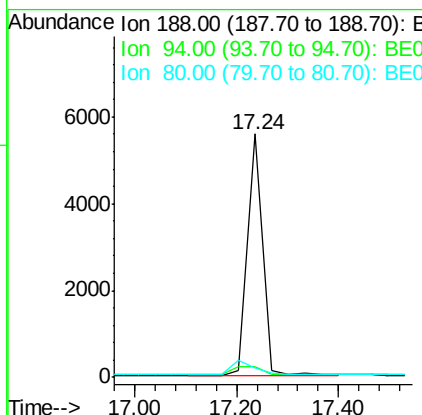
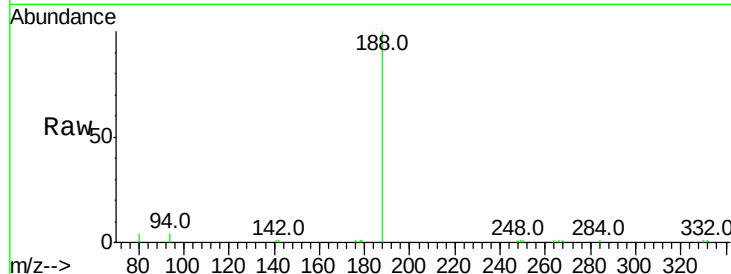




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE094173.D
 Acq: 6 Oct 2017 10:46

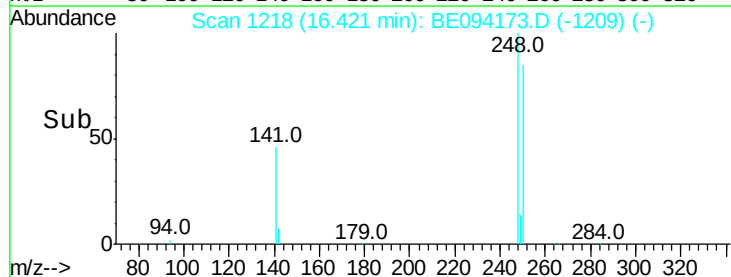
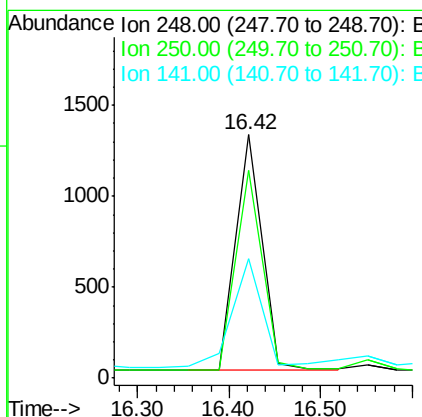
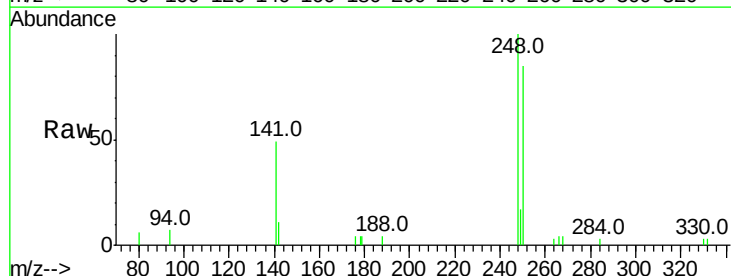
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

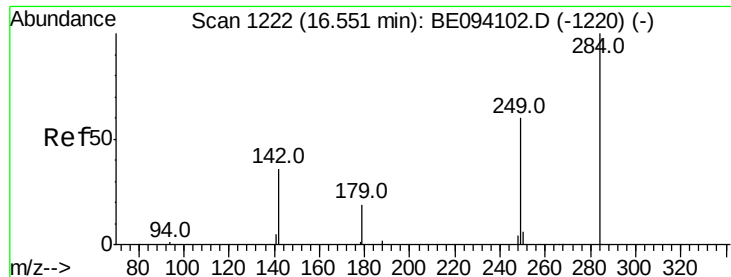
Tot Ion:188 Resp: 11501
 Ion Ratio Lower Upper
 188 100
 94 4.2 3.9 5.9
 80 4.0 3.6 5.4



#20
 4-Bromophenyl-phenylether
 Concen: 0.395 ng
 RT: 16.42 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BE094173.D
 Acq: 6 Oct 2017 10:46

Tgt Ion:248 Resp: 2617
 Ion Ratio Lower Upper
 248 100
 250 85.1 62.7 94.1
 141 49.0 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

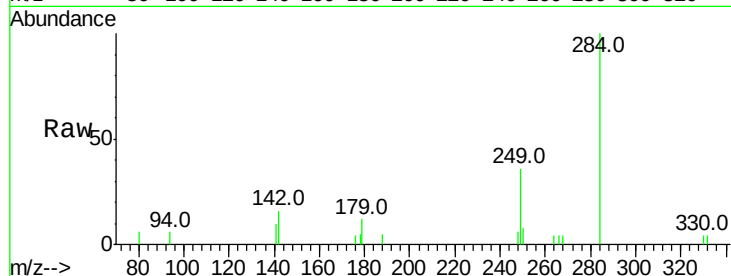
Tot Ion:284 Resp: 2433

Ion Ratio Lower Upper

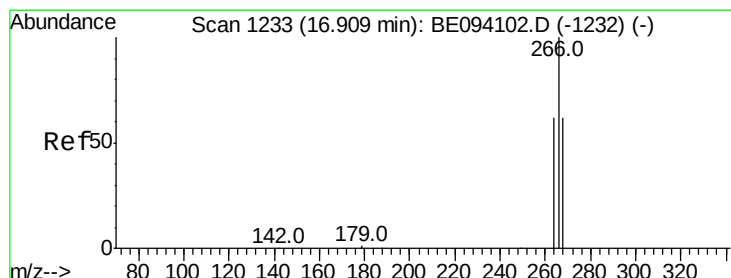
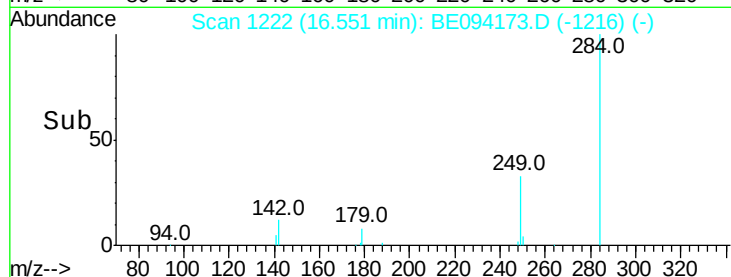
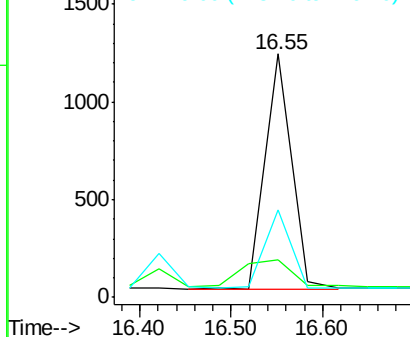
284 100

142 20.8 22.1 33.1#

249 32.6 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: 0.468 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

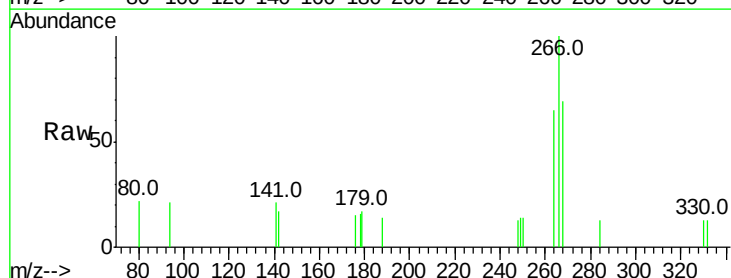
Tgt Ion:266 Resp: 755

Ion Ratio Lower Upper

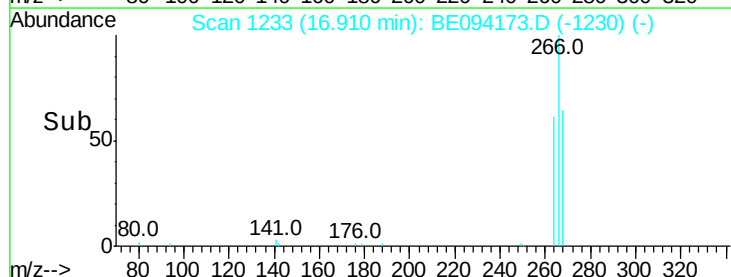
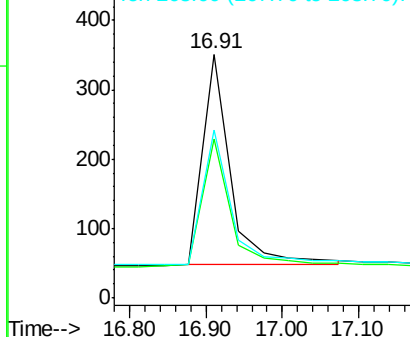
266 100

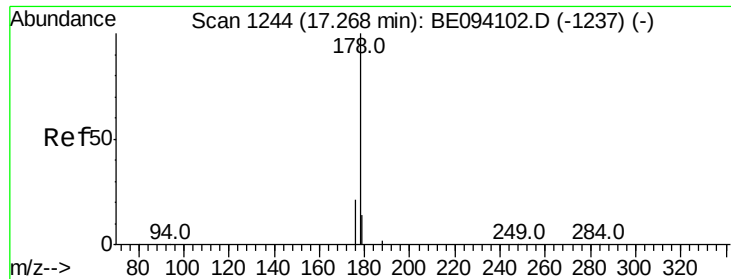
264 65.2 72.5 108.7#

268 68.9 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: 0.406 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

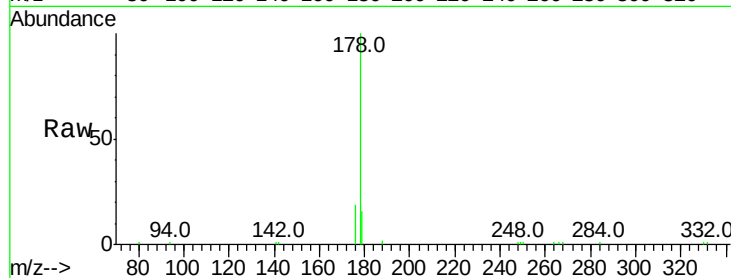
Tot Ion:178 Resp: 16196

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

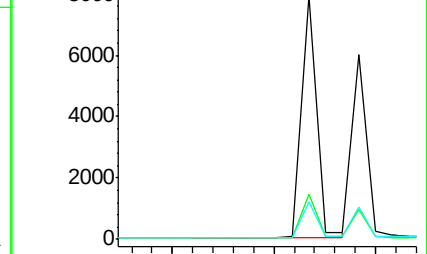
179 14.9 11.8 17.6



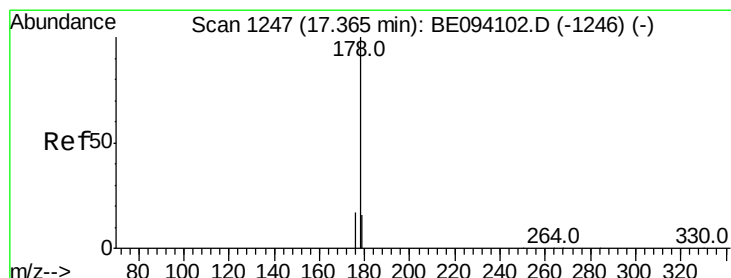
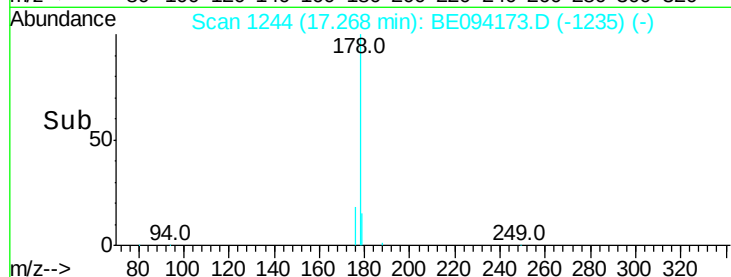
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.400 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

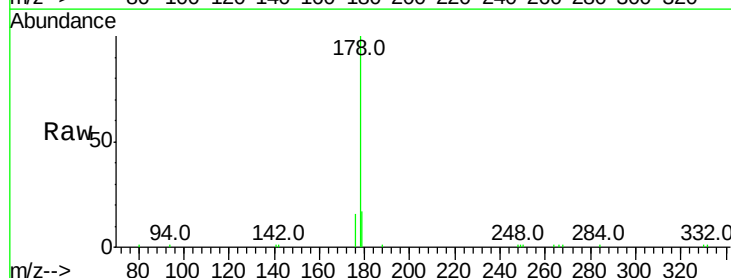
Tgt Ion:178 Resp: 12166

Ion Ratio Lower Upper

178 100

176 15.6 12.8 19.2

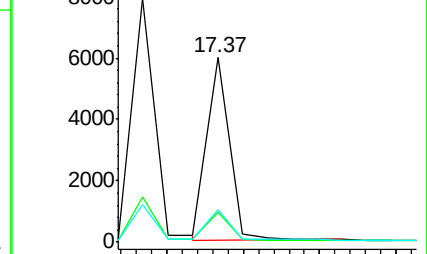
179 16.8 13.0 19.6



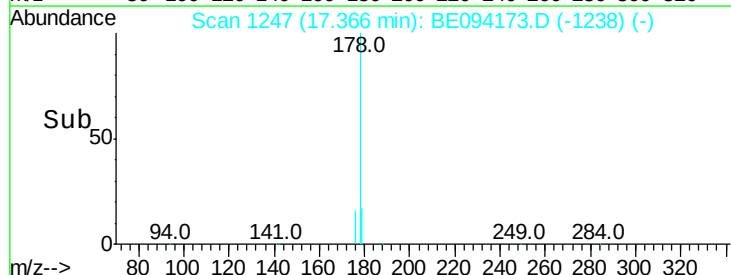
Abundance Ion 178.00 (177.70 to 178.70): E

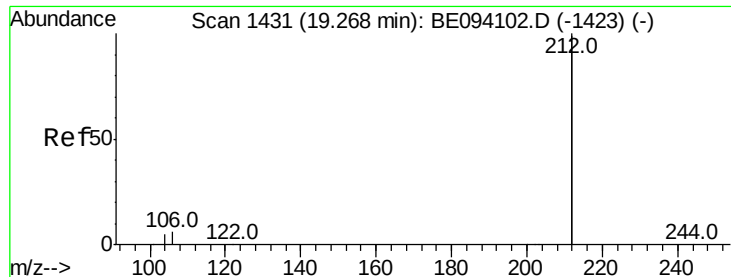
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

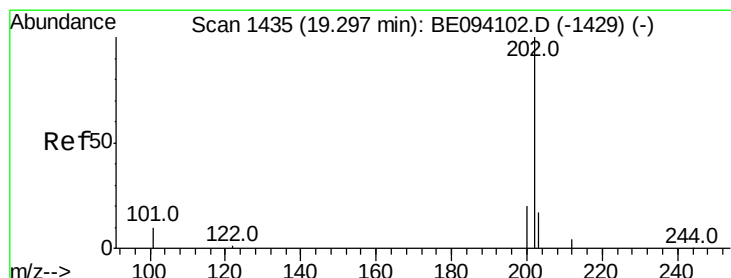
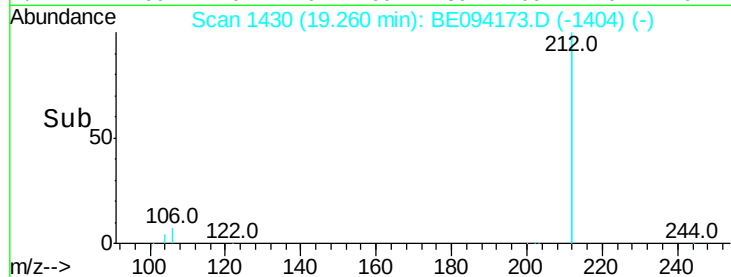
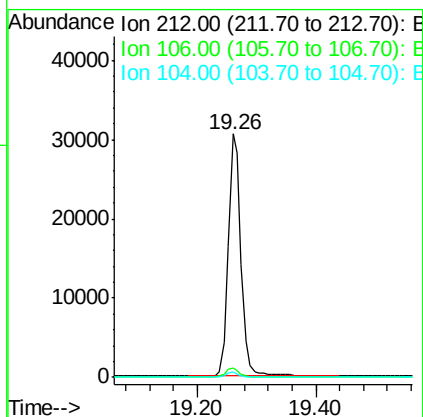
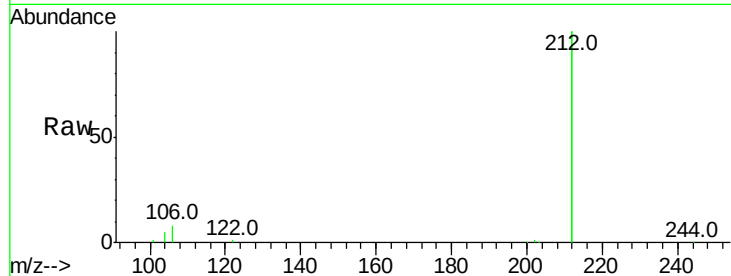




#25
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 19.26 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BE094173.D
 Acq: 6 Oct 2017 10:46

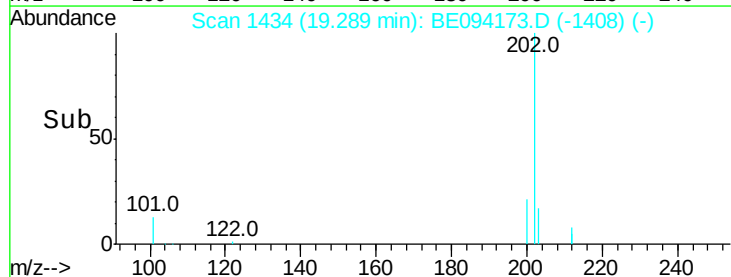
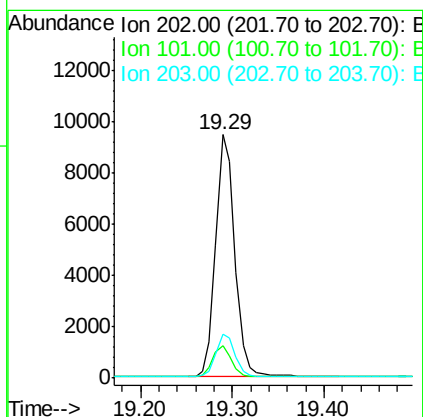
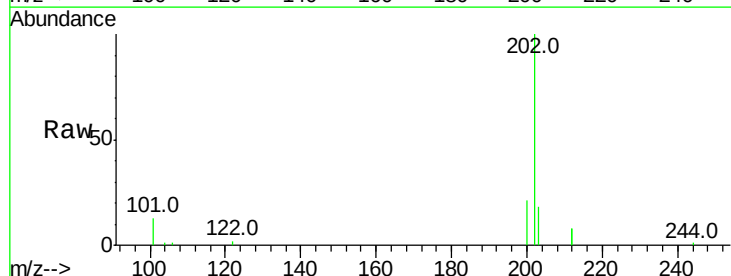
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

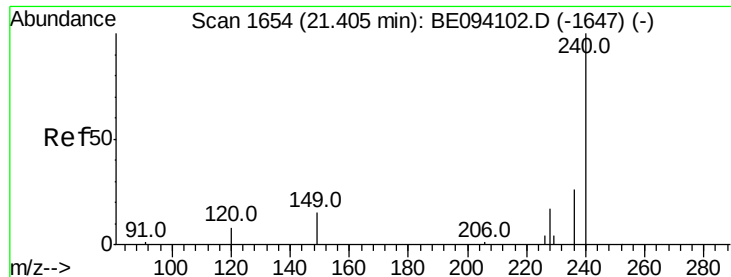
Tot Ion:212 Resp: 45226
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.388 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BE094173.D
 Acq: 6 Oct 2017 10:46

Tgt Ion:202 Resp: 13566
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.8 14.8
 203 17.3 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

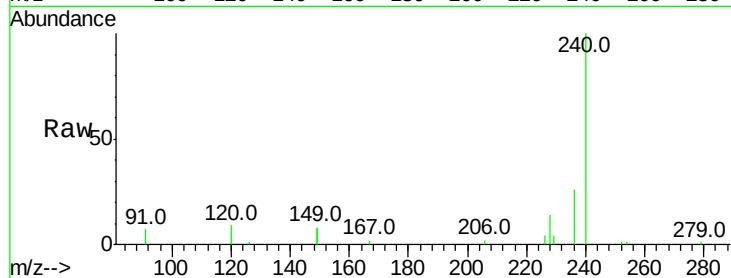
Tot Ion:240 Resp: 10453

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

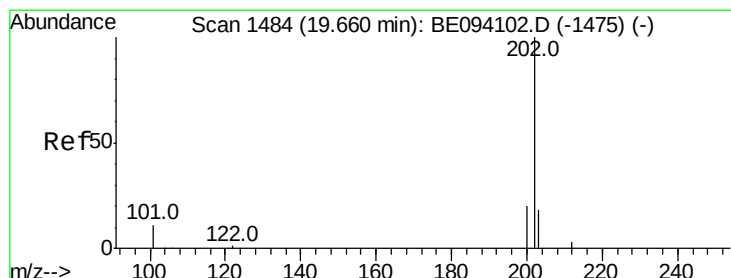
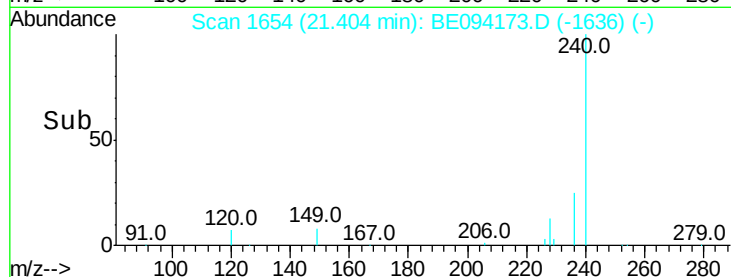
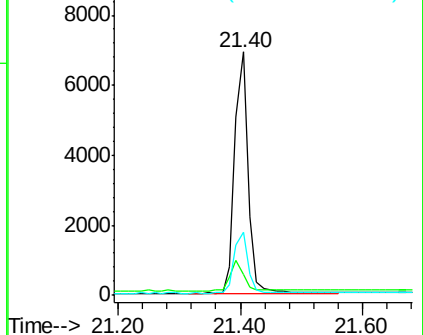
236 25.9 20.7 31.1



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: 0.399 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

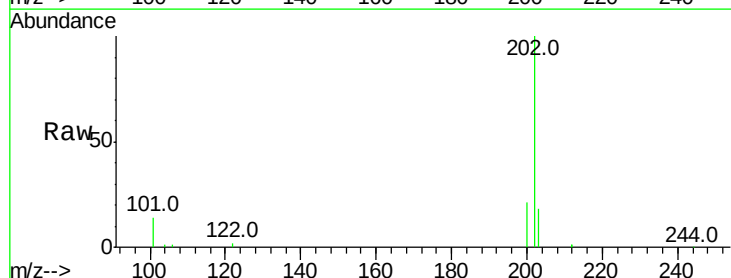
Tgt Ion:202 Resp: 14364

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

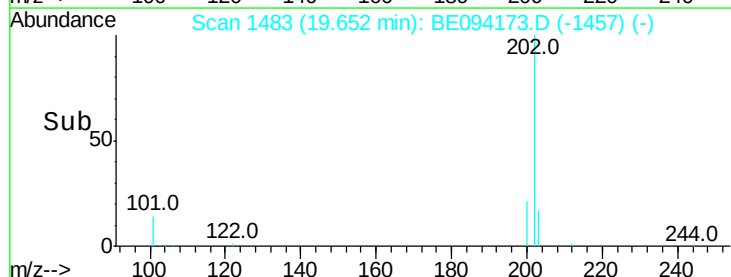
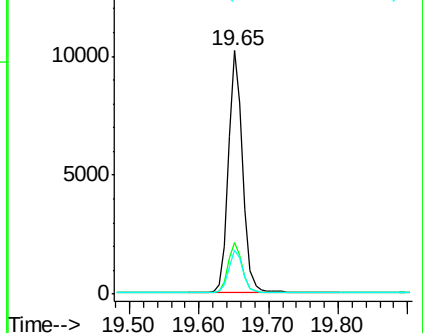
203 17.8 13.8 20.8

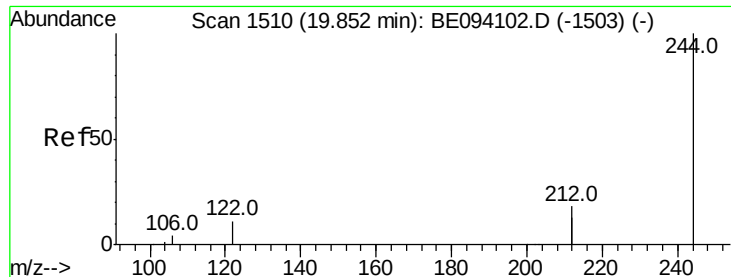


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

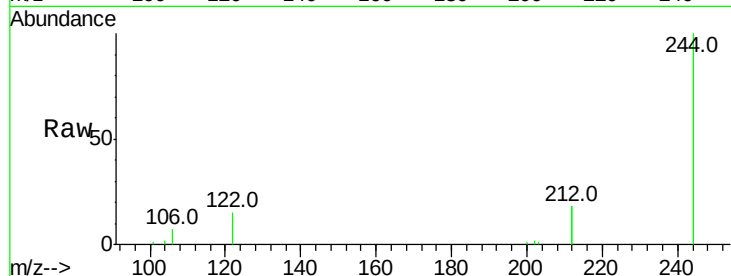
Tot Ion:244 Resp: 8004

Ion Ratio Lower Upper

244 100

212 36.0 25.4 38.0

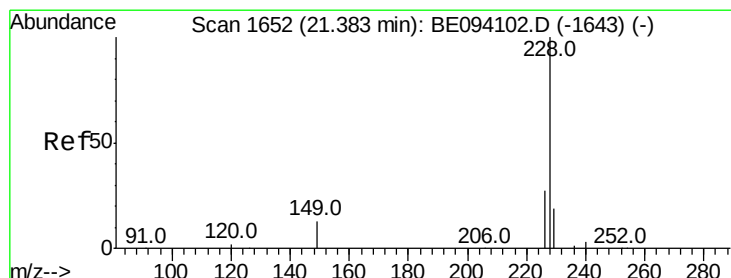
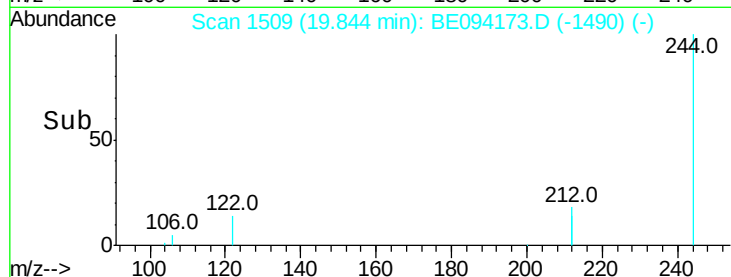
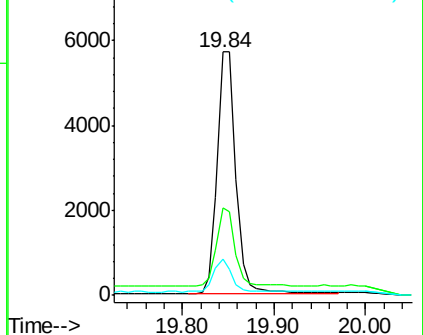
122 15.0 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.395 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

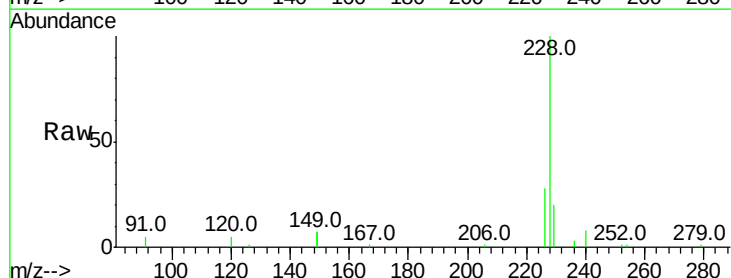
Tgt Ion:228 Resp: 13584

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.0

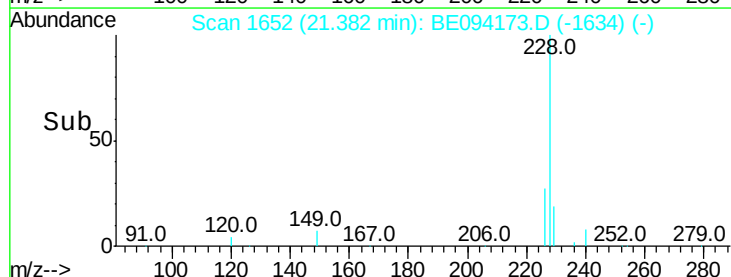
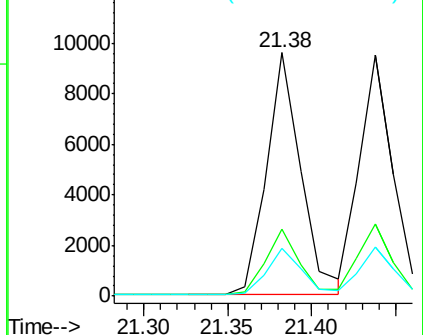
229 19.8 16.4 24.6

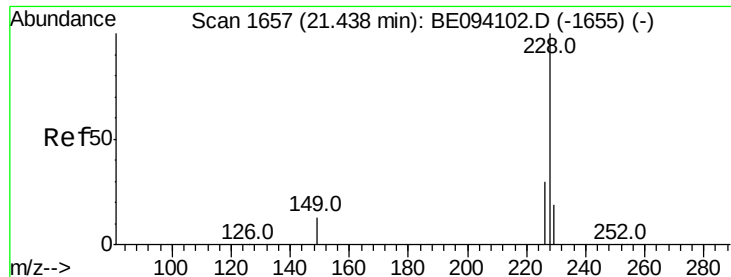


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

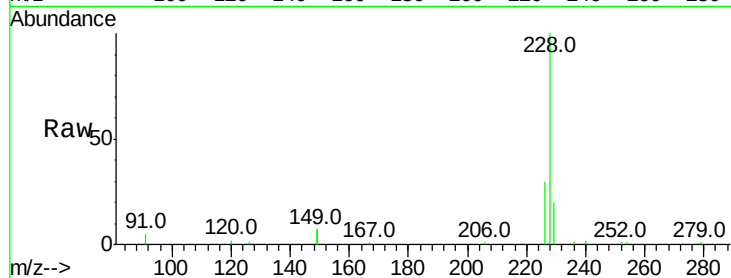
Tot Ion:228 Resp: 13345

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

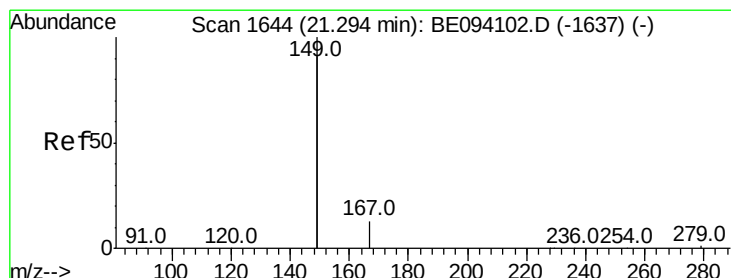
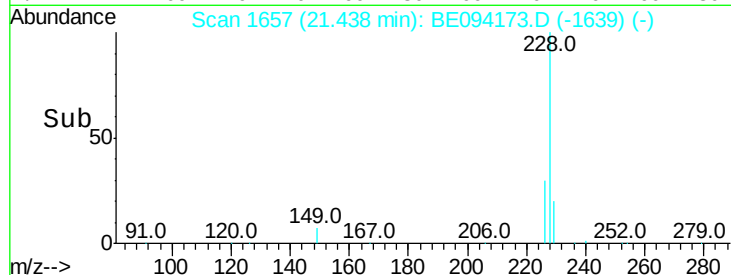
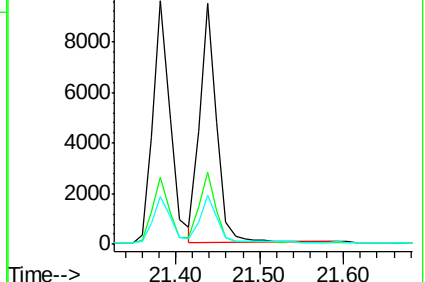
229 20.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.413 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

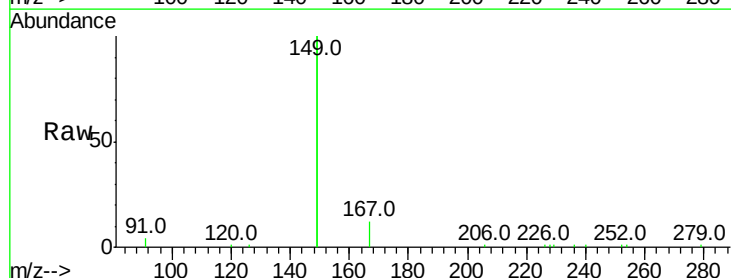
Tgt Ion:149 Resp: 32654

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

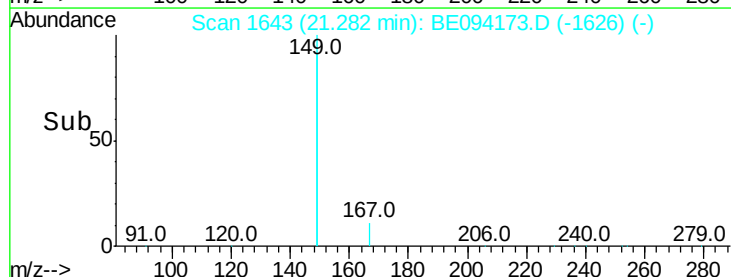
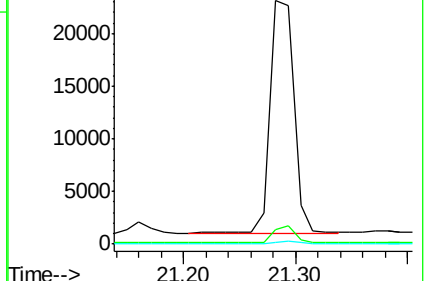
279 0.9 0.7 1.1

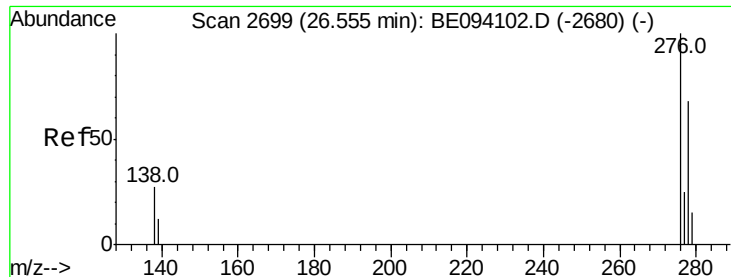


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

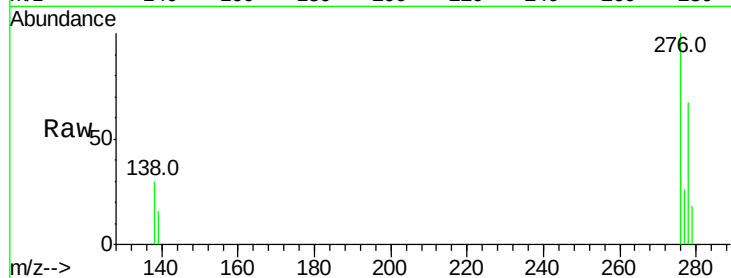
Tot Ion:276 Resp: 13500

Ion Ratio Lower Upper

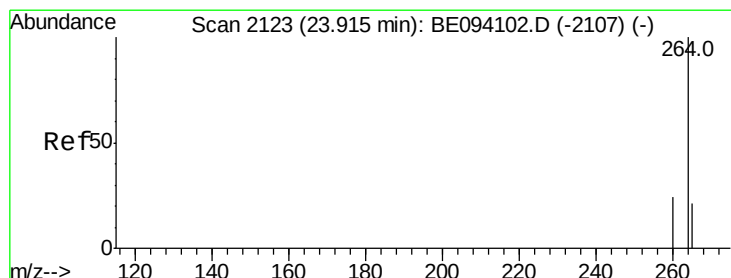
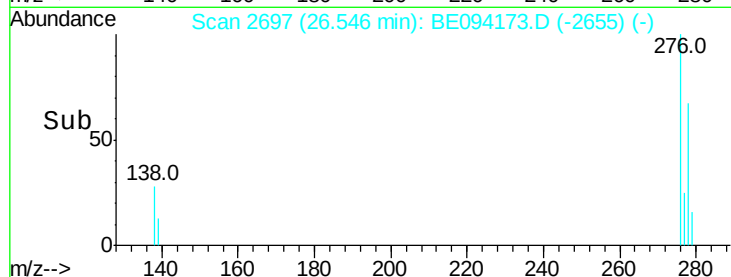
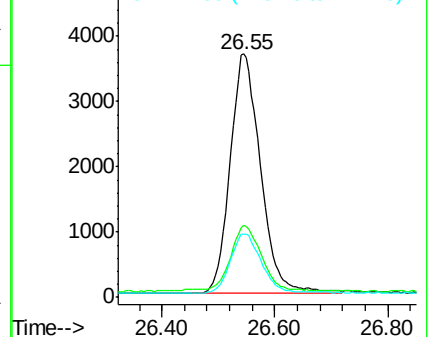
276 100

138 27.1 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: BE094173.D

Acq: 6 Oct 2017 10:46

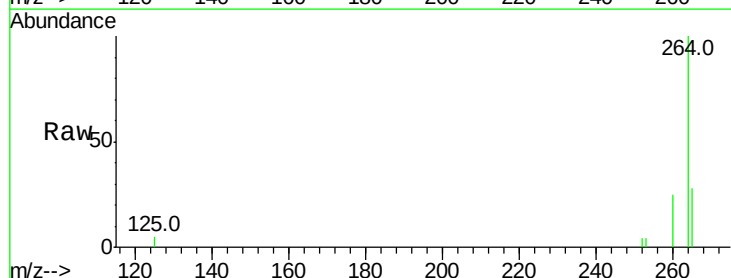
Tgt Ion:264 Resp: 9882

Ion Ratio Lower Upper

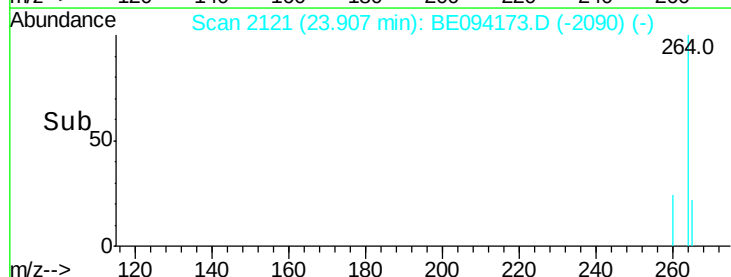
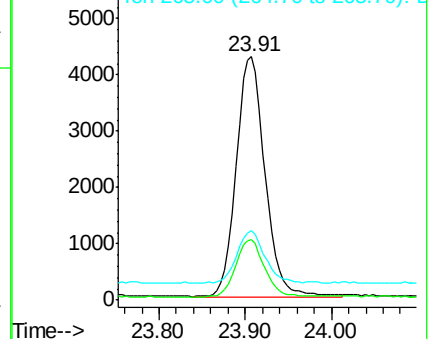
264 100

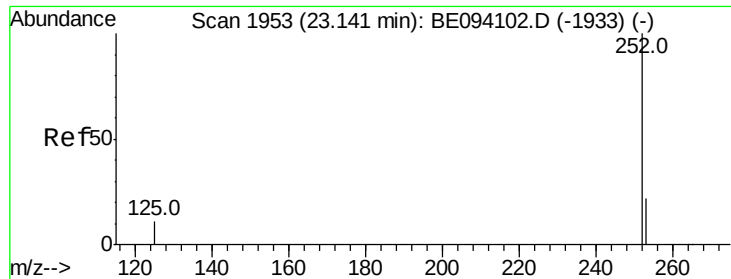
260 25.0 20.5 30.7

265 28.5 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: 0.395 ng

RT: 23.13 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

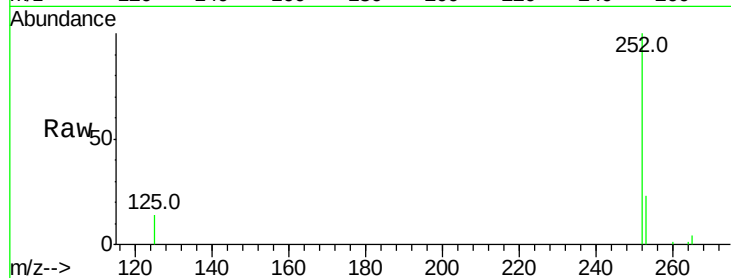
Tot Ion:252 Resp: 13141

Ion Ratio Lower Upper

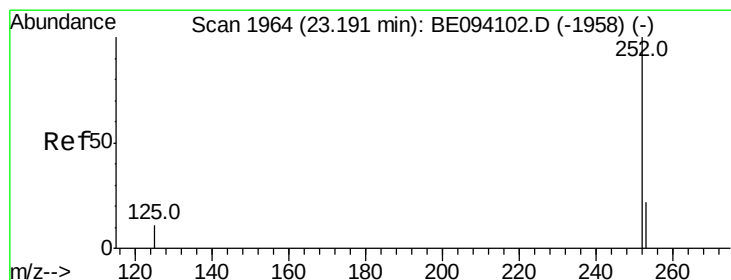
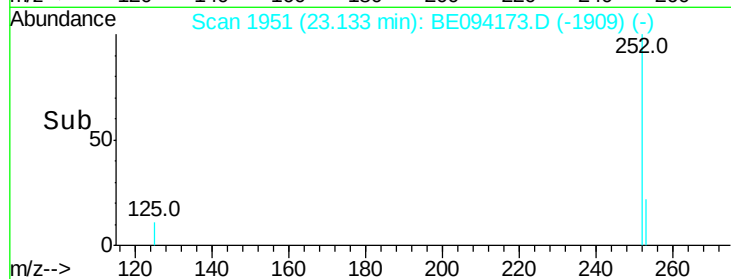
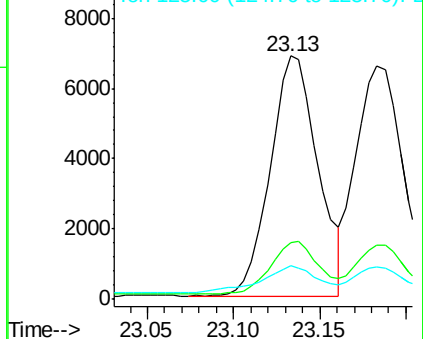
252 100

253 23.5 18.2 27.2

125 13.7 10.1 15.1



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



#36

Benzo(k)fluoranthene

Concen: 0.385 ng

RT: 23.18 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

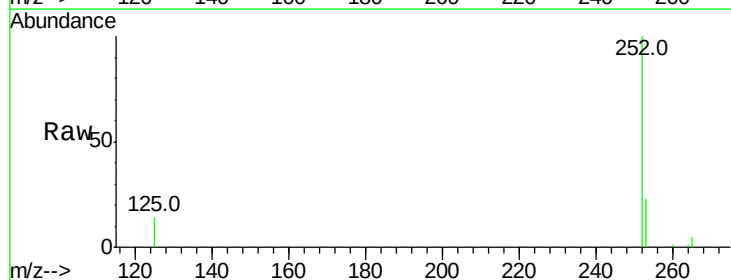
Tgt Ion:252 Resp: 13000

Ion Ratio Lower Upper

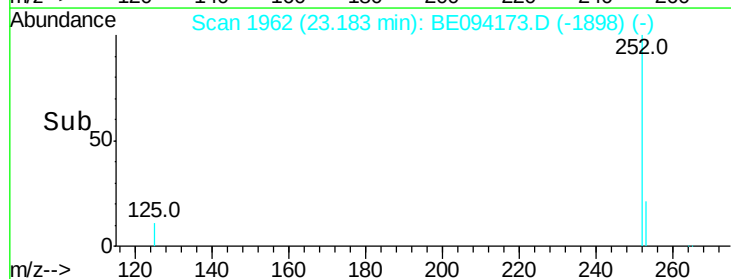
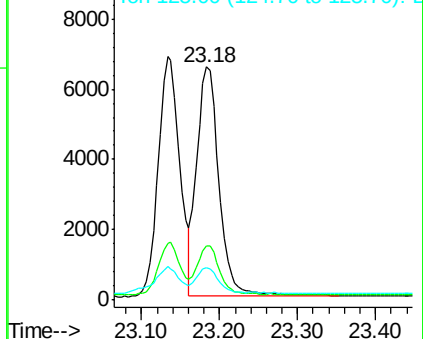
252 100

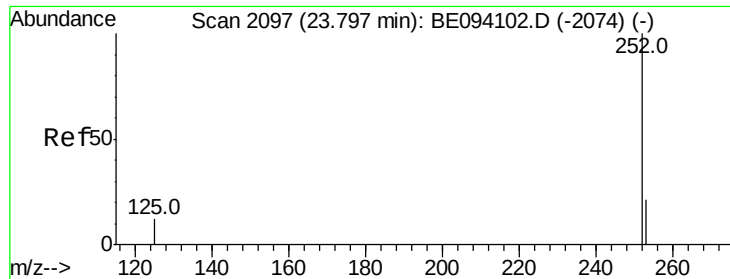
253 23.5 18.6 27.8

125 13.8 10.7 16.1



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





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

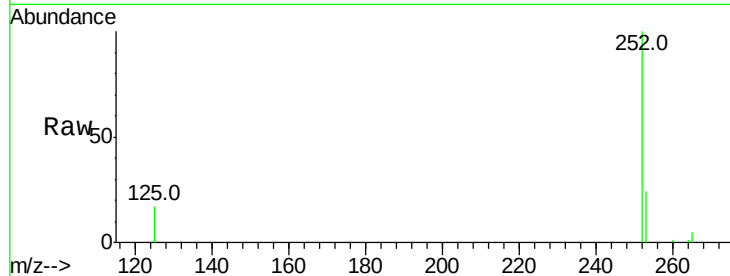
Tot Ion:252 Resp: 12356

Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.6

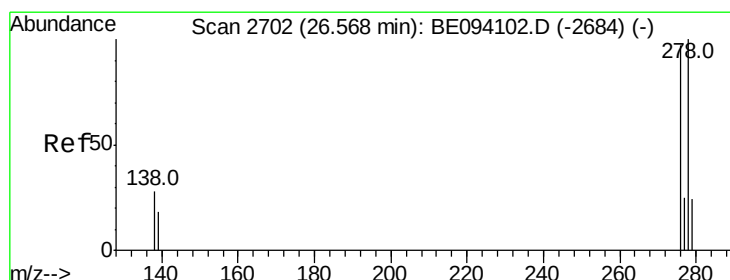
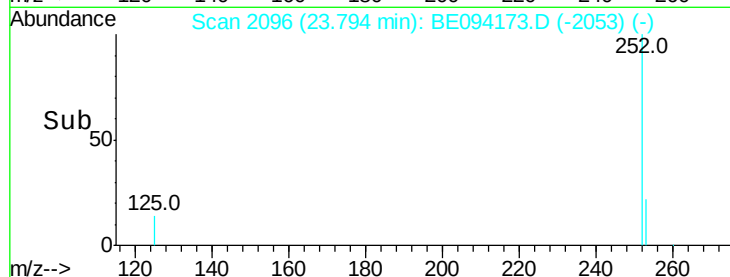
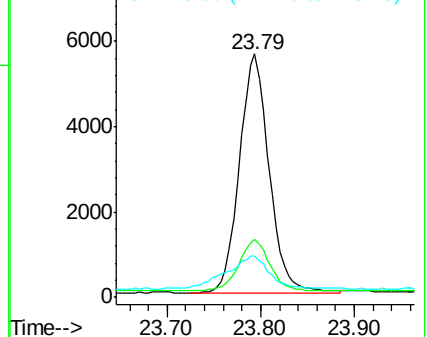
125 16.9 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.392 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BE094173.D

Acq: 6 Oct 2017 10:46

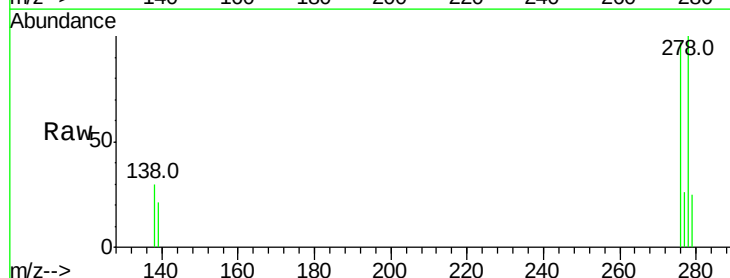
Tgt Ion:278 Resp: 11413

Ion Ratio Lower Upper

278 100

139 21.1 16.3 24.5

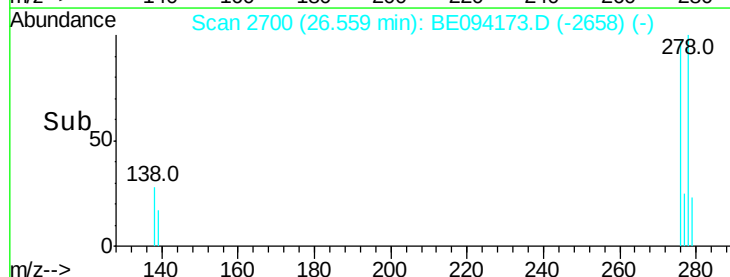
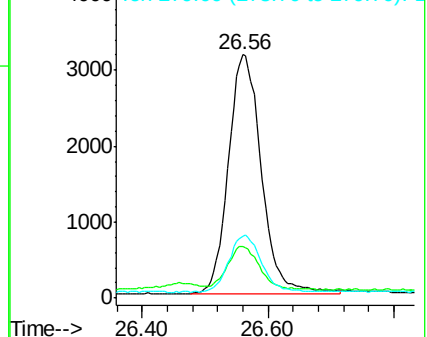
279 25.3 19.9 29.9

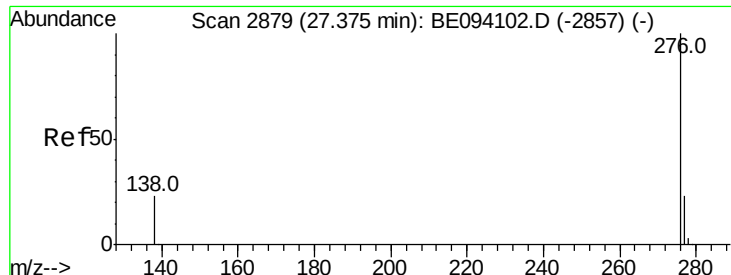


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 27.37 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BE094173.D

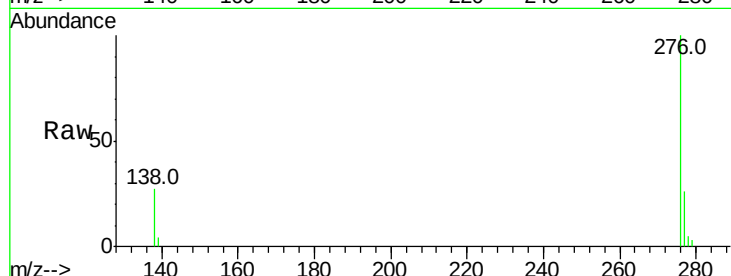
Acq: 6 Oct 2017 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



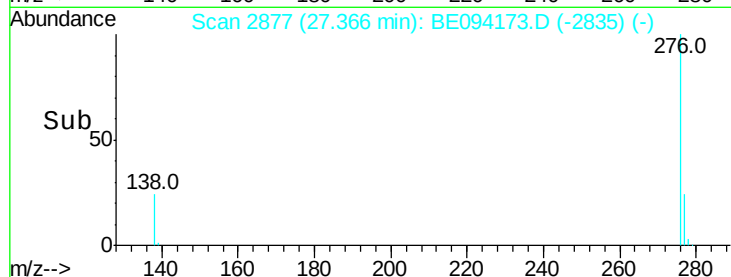
Tot Ion:276 Resp: 11604

Ion Ratio Lower Upper

276 100

277 25.9 20.8 31.2

138 26.5 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

