

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094174.D
 Acq On : 6 Oct 2017 11:23
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 06 13:36:53 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 13:34:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1172	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	5913	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3616	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11398	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9676	0.40	ng	0.00
34) Perylene-d12	23.91	264	9274	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	405	0.09	ng	0.00
5) Phenol-d6	7.10	99	580	0.09	ng	0.01
8) Nitrobenzene-d5	9.06	82	481	0.08	ng	0.02
11) 2-Methylnaphthalene-d10	12.28	152	934	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	111	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1232	0.10	ng	0.01
25) Fluoranthene-d10	19.27	212	10761	0.10	ng	0.00
29) Terphenyl-d14	19.85	244	1889	0.11	ng	0.00

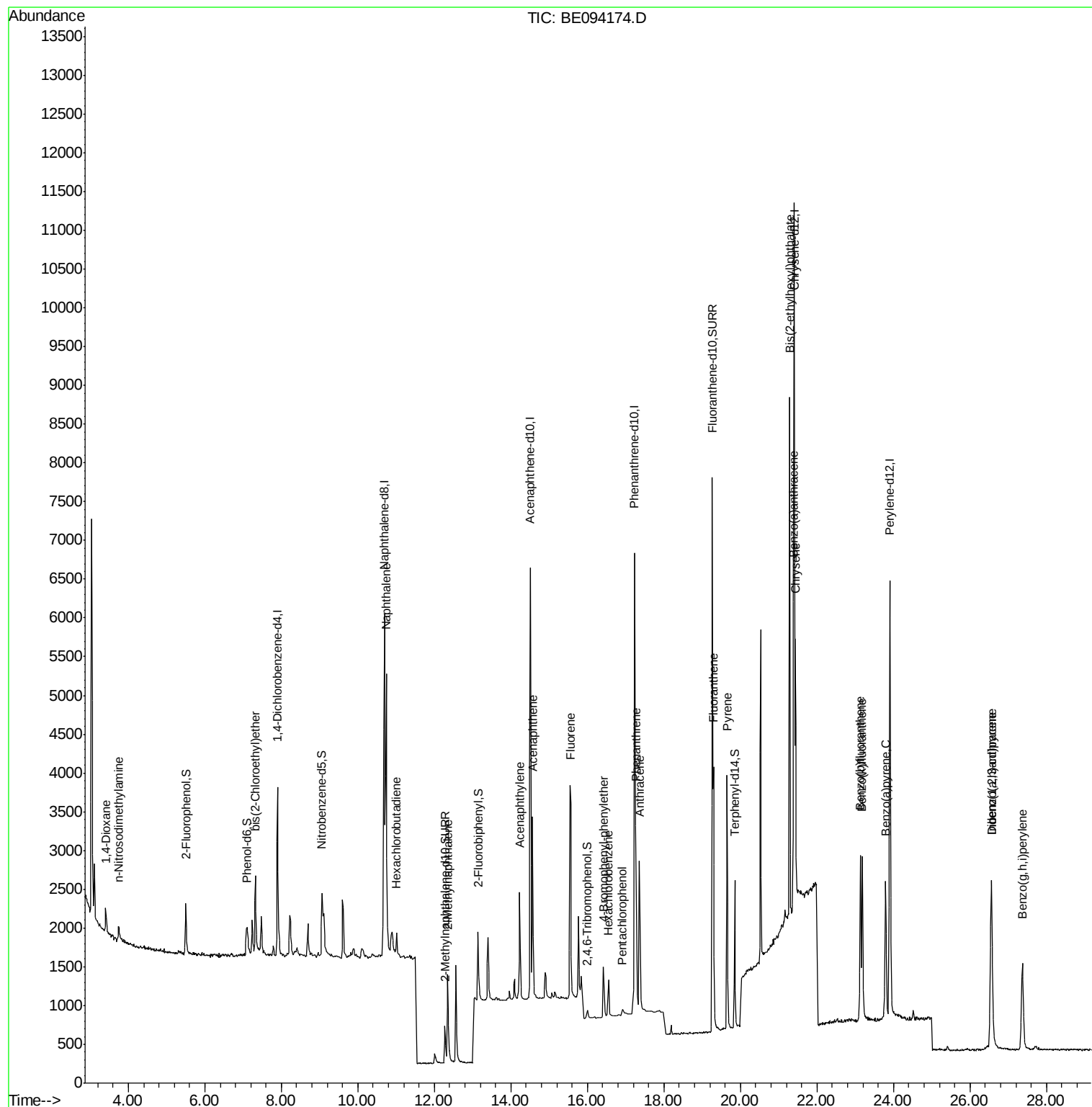
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	208	0.091	ng	# 73
3) n-Nitrosodimethylamine	3.74	42	223	0.076	ng	97
6) bis(2-Chloroethyl)ether	7.33	93	486	0.102	ng	91
9) Naphthalene	10.74	128	6802	0.102	ng	# 97
10) Hexachlorobutadiene	11.01	225	262	0.105	ng	92
12) 2-Methylnaphthalene	12.35	142	1111	0.103	ng	95
16) Acenaphthylene	14.23	152	1786	0.099	ng	99
17) Acenaphthene	14.57	154	1239	0.109	ng	94
18) Fluorene	15.56	166	1604	0.104	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	565	0.121	ng	# 82
21) Hexachlorobenzene	16.55	284	514	0.174	ng	98
22) Pentachlorophenol	16.91	266	133	0.049	ng	92
23) Phenanthrene	17.27	178	3471	0.119	ng	98
24) Anthracene	17.37	178	3151	0.103	ng	97
26) Fluoranthene	19.30	202	3210	0.098	ng	100
28) Pyrene	19.65	202	3421	0.112	ng	100
30) Benzo(a)anthracene	21.38	228	3242	0.099	ng	97
31) Chrysene	21.44	228	3329	0.106	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	8914	0.057	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	3198	0.095	ng	97
35) Benzo(b)fluoranthene	23.14	252	3196	0.096	ng	# 85
36) Benzo(k)fluoranthene	23.19	252	3213	0.100	ng	# 87
37) Benzo(a)pyrene	23.80	252	3003	0.099	ng	# 82
38) Dibenzo(a,h)anthracene	26.57	278	2685	0.094	ng	# 86
39) Benzo(g,h,i)perylene	27.37	276	2799	0.099	ng	# 90

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

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QLast Update : Fri Oct 06 13:34:13 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

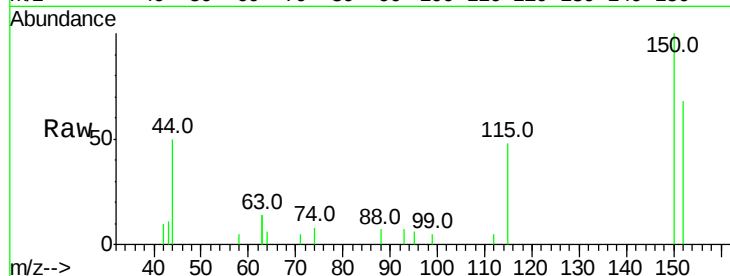
Tot Ion:152 Resp: 1172

Ion Ratio Lower Upper

152 100

150 147.6 117.2 175.8

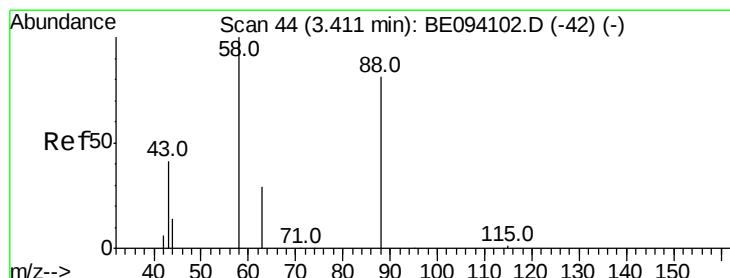
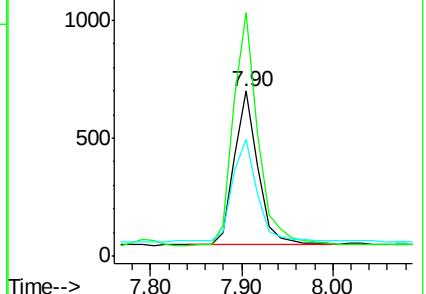
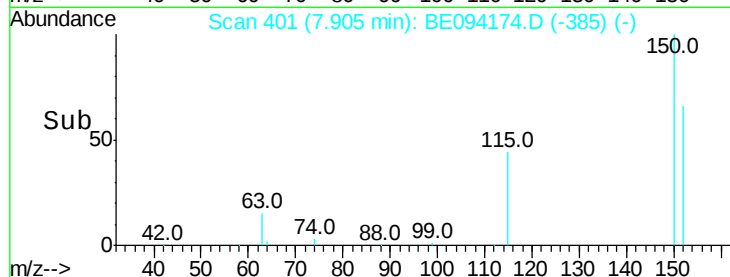
115 71.1 57.0 85.6



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: 0.091 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

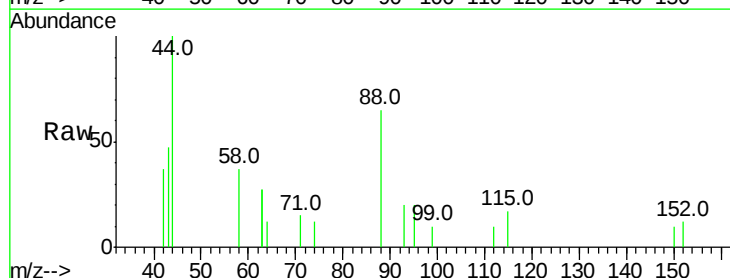
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

58 90.9 63.2 94.8

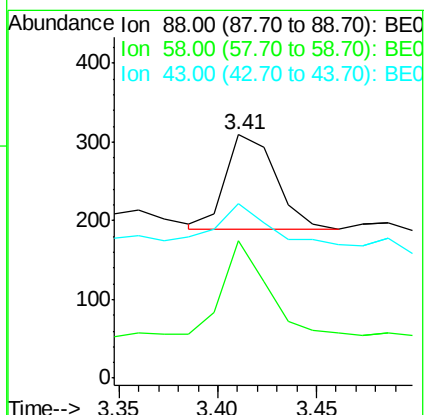
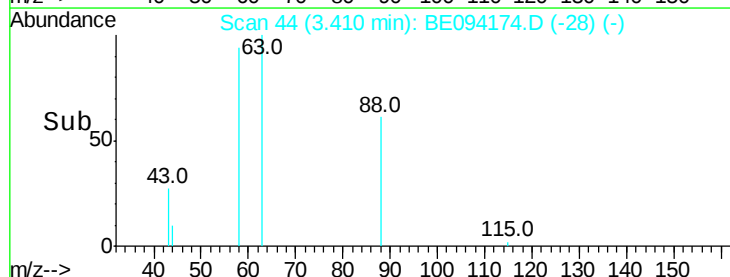
43 85.1 41.2 61.8#



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



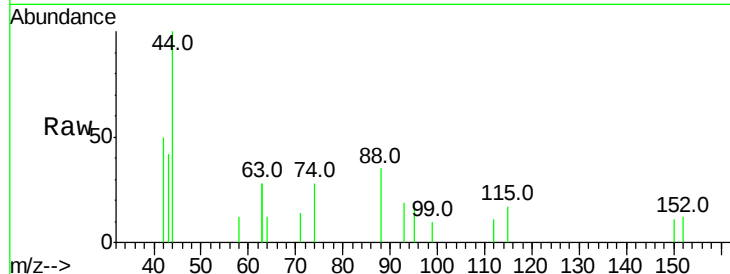


#3

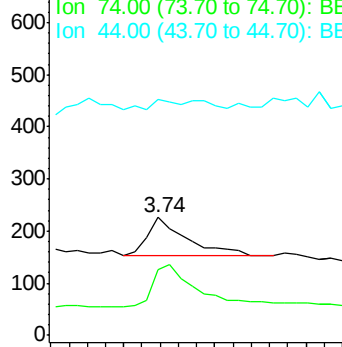
n-Nitrosodimethylamine
 Concen: 0.076 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

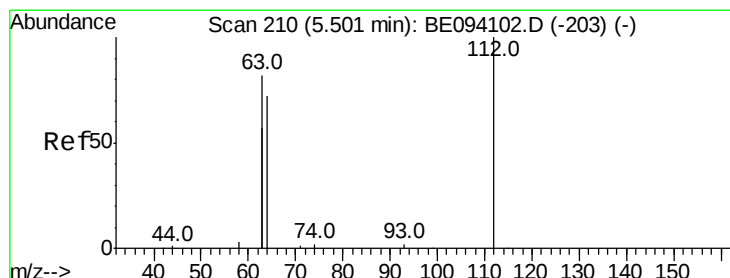
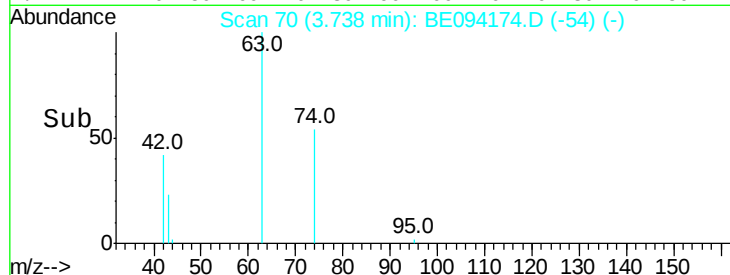
Tot Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 74 128.7 100.3 150.5
 44 18.8 17.0 25.4



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



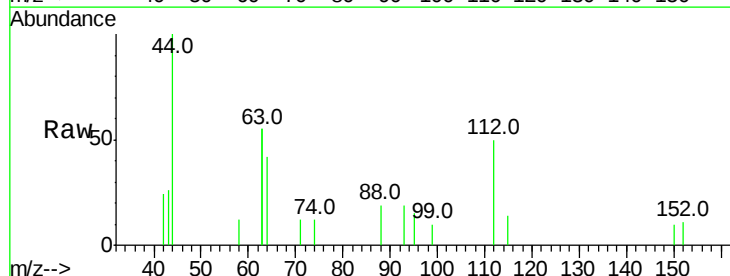
Time-->



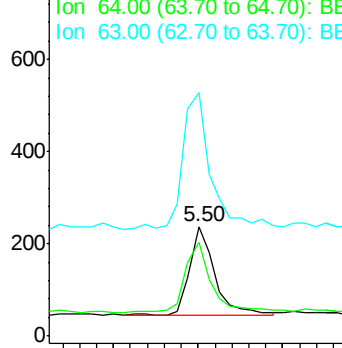
#4

2-Fluorophenol
 Concen: 0.091 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

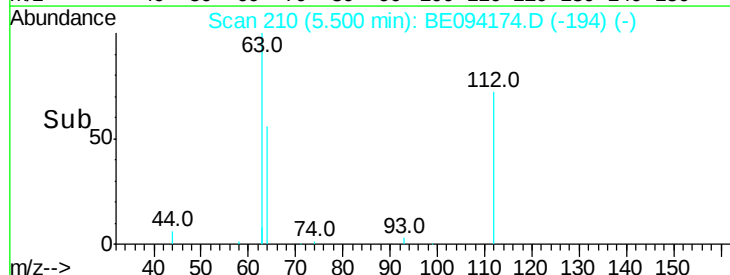
Tgt Ion: 112 Resp: 405
 Ion Ratio Lower Upper
 112 100
 64 80.2 60.1 90.1
 63 170.1 116.8 175.2

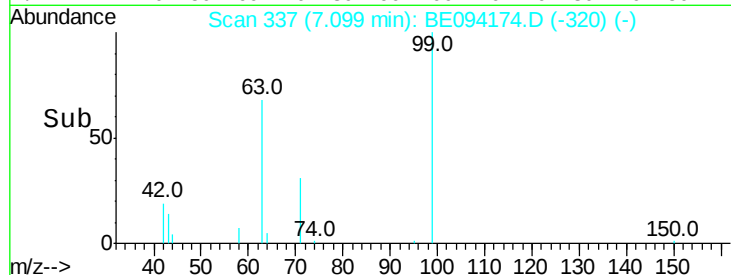
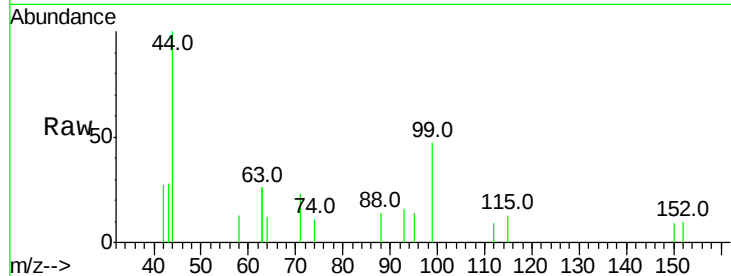
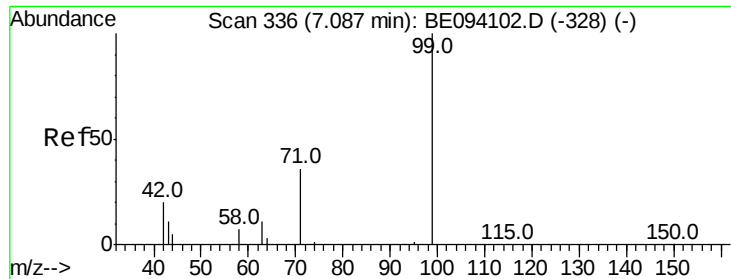


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

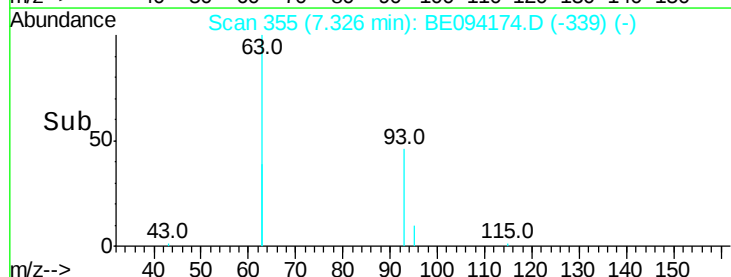
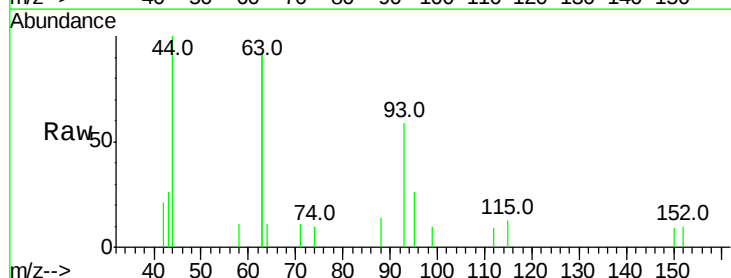
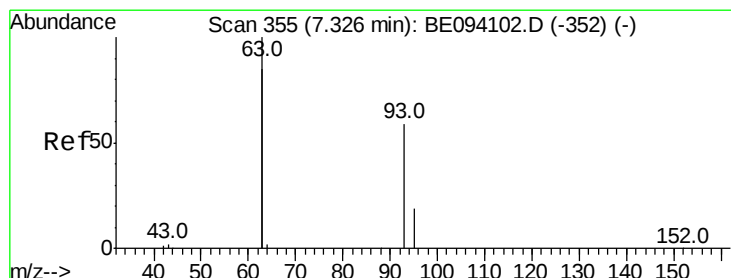
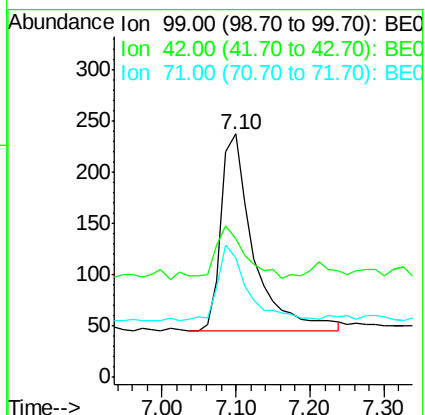
Tot Ion: 99 Resp: 580

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

71 36.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.102 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

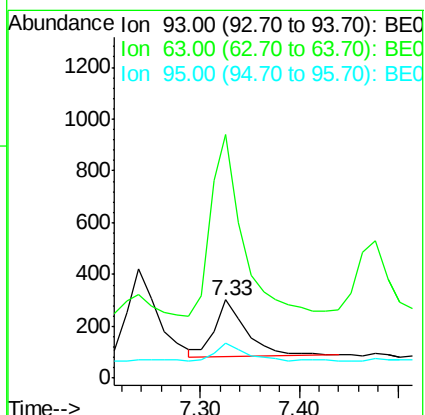
Tgt Ion: 93 Resp: 486

Ion Ratio Lower Upper

93 100

63 323.9 275.3 412.9

95 29.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 5913

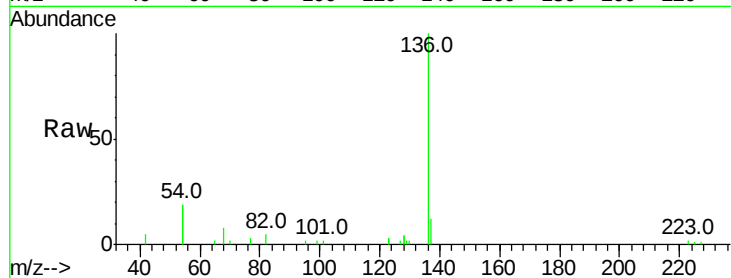
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 37.1 29.1 43.7

68 7.9 6.2 9.2

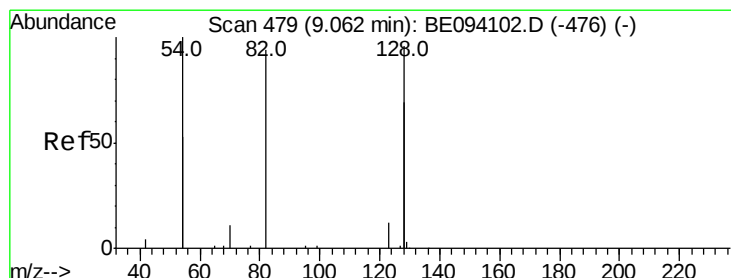
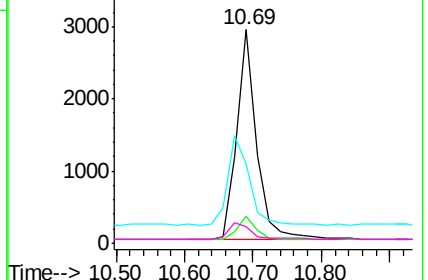
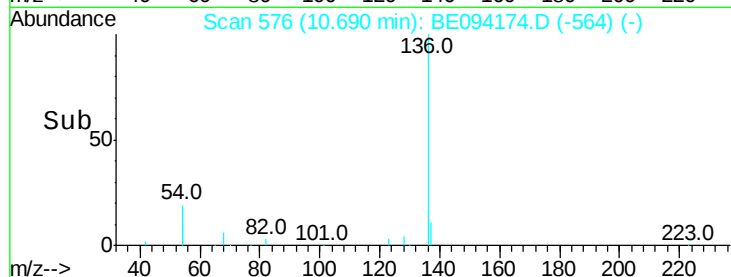


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.084 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

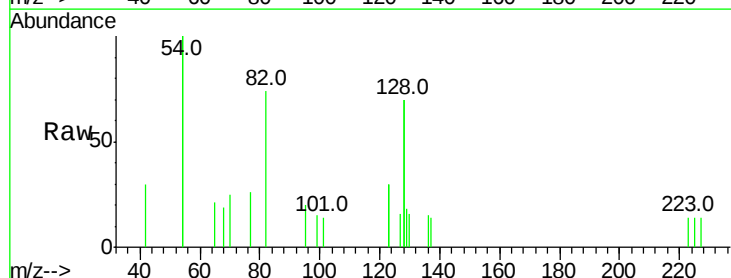
Tgt Ion: 82 Resp: 481

Ion Ratio Lower Upper

82 100

128 189.0 150.0 225.0

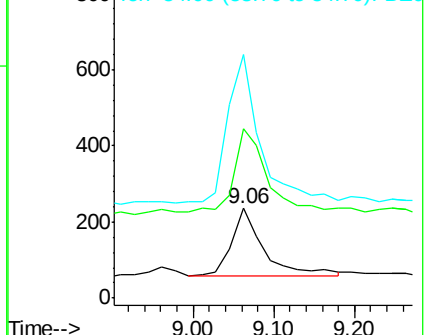
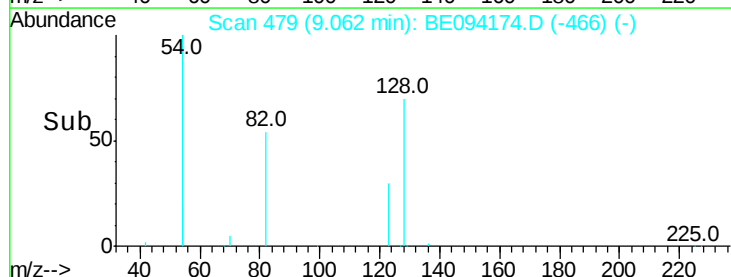
54 271.2 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.102 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

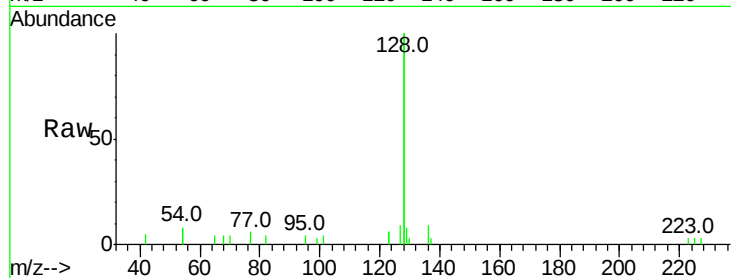
Tot Ion:128 Resp: 6802

Ion Ratio Lower Upper

128 100

129 4.0 2.6 3.8#

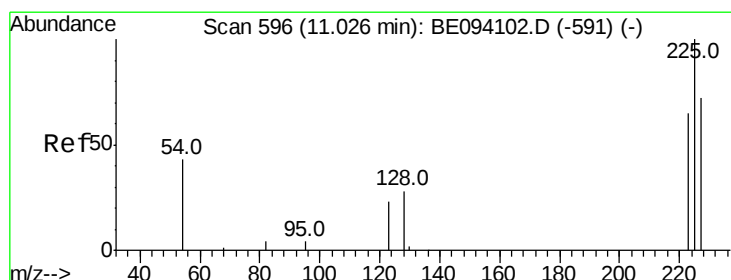
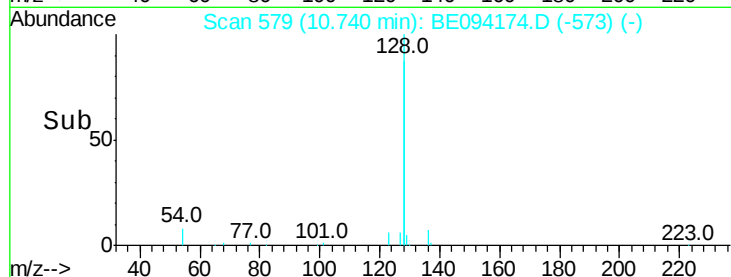
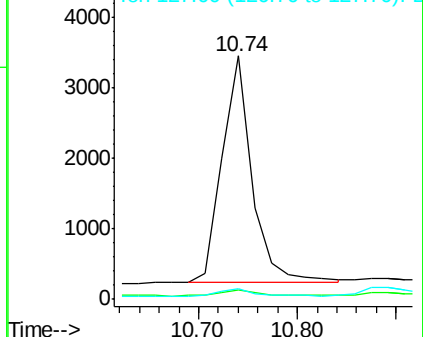
127 4.4 2.8 4.2#



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: 0.105 ng

RT: 11.01 min Scan# 595

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

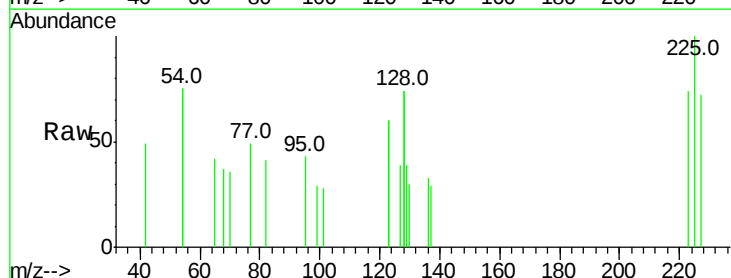
Tgt Ion:225 Resp: 262

Ion Ratio Lower Upper

225 100

223 58.0 53.0 79.6

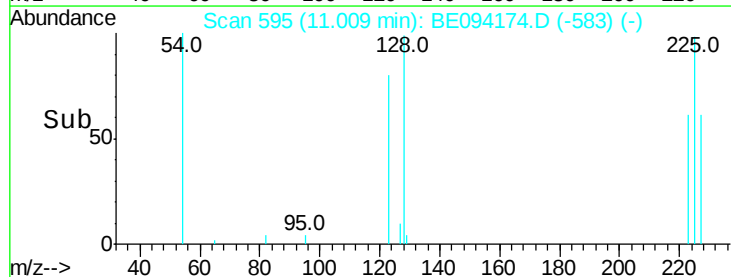
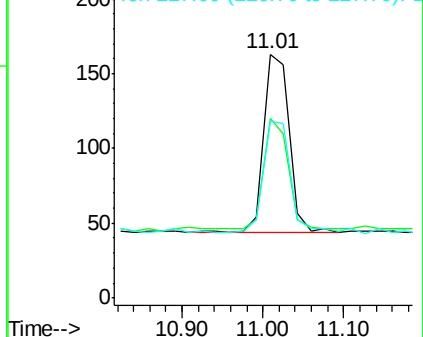
227 69.1 51.4 77.2



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: 0.103 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

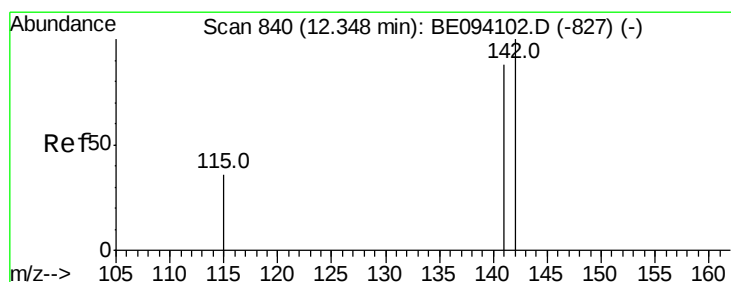
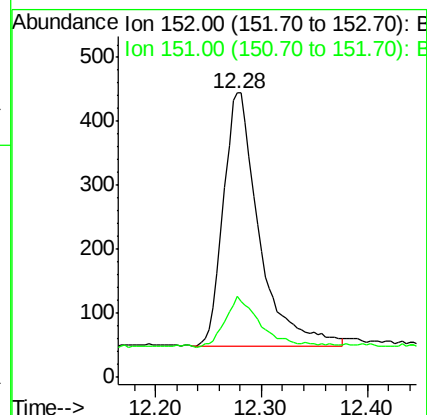
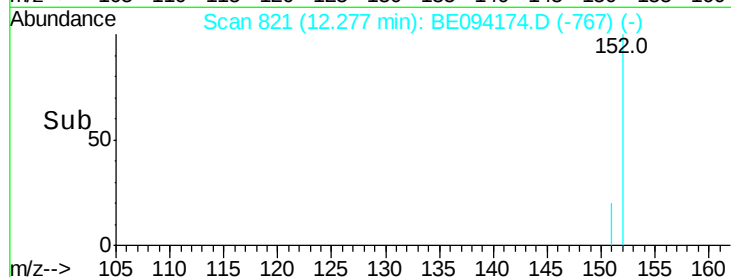
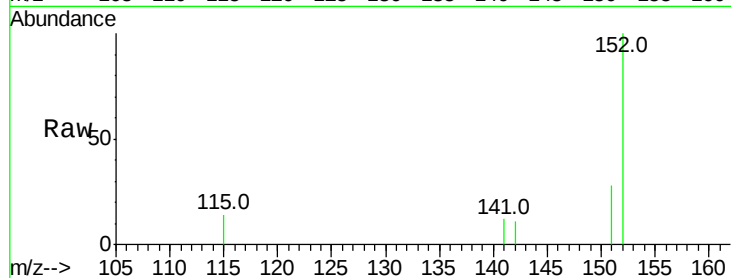
SSTDIC0.1

Tot Ion:152 Resp: 934

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.103 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

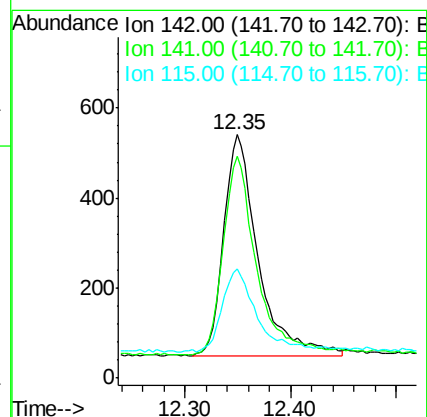
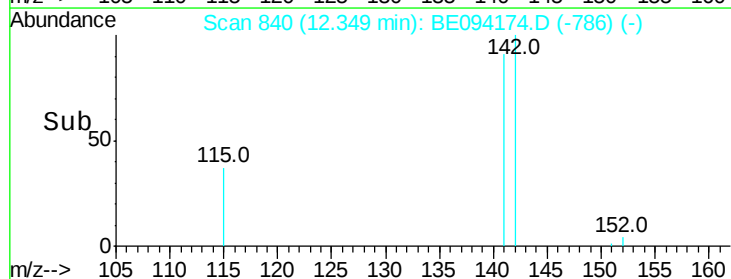
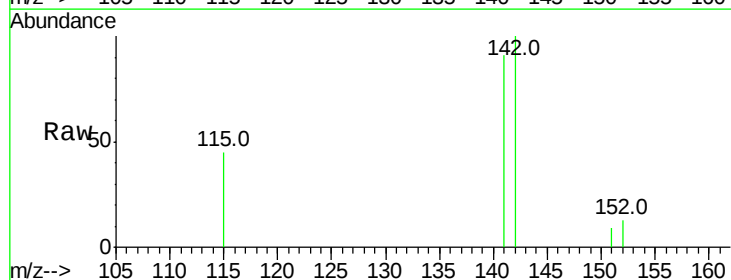
Tgt Ion:142 Resp: 1111

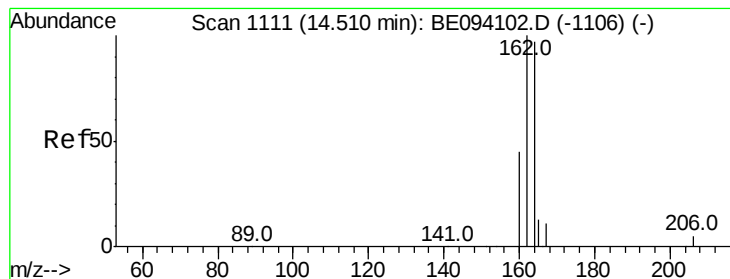
Ion Ratio Lower Upper

142 100

141 91.3 70.4 105.6

115 44.9 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: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

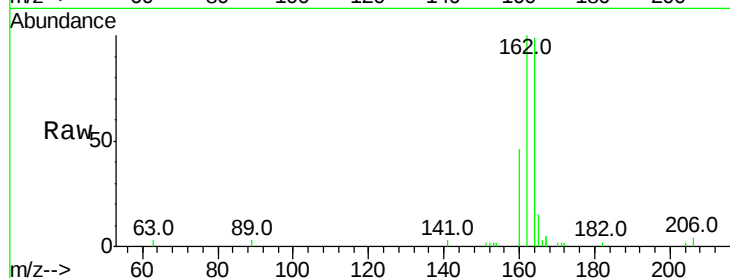
Tot Ion:164 Resp: 3616

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

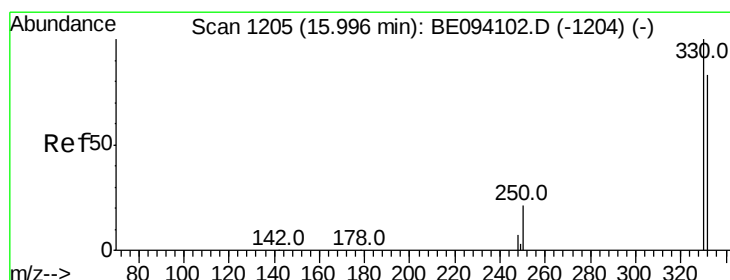
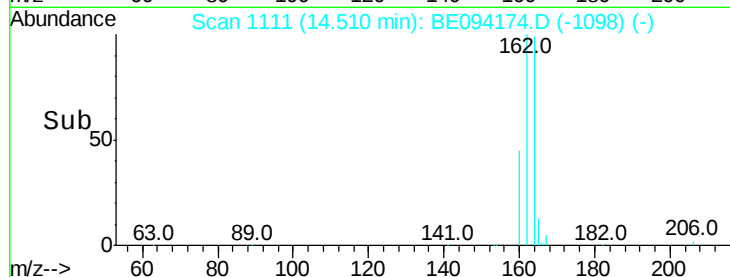
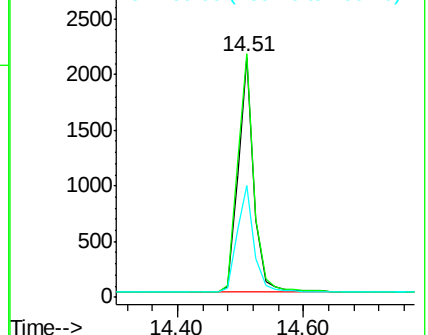
160 46.5 37.1 55.7



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: 0.048 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

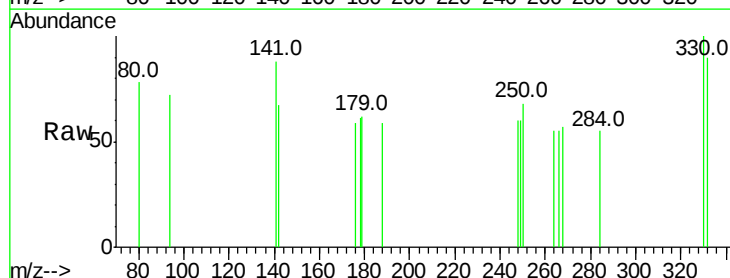
Tgt Ion:330 Resp: 111

Ion Ratio Lower Upper

330 100

332 88.3 152.7 229.1#

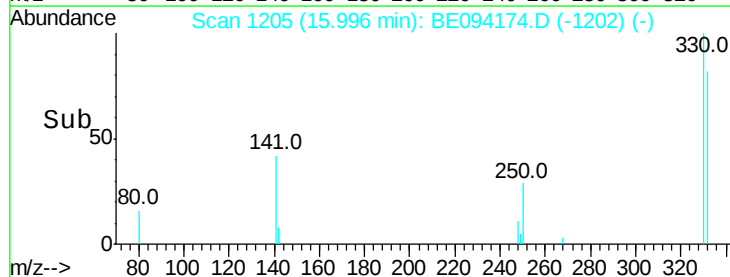
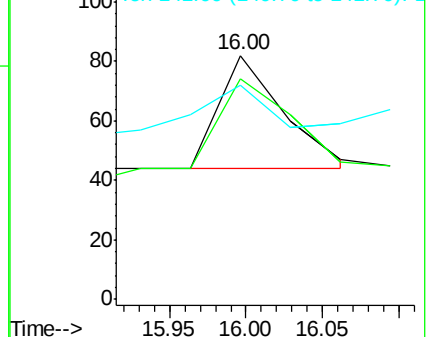
141 24.3 33.7 50.5#

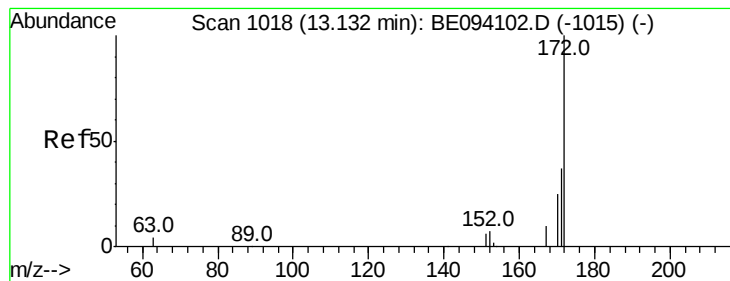


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.103 ng

RT: 13.15 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

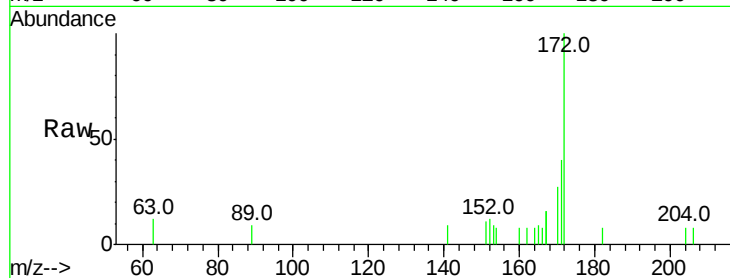
Tot Ion:172 Resp: 1232

Ion Ratio Lower Upper

172 100

171 40.5 29.9 44.9

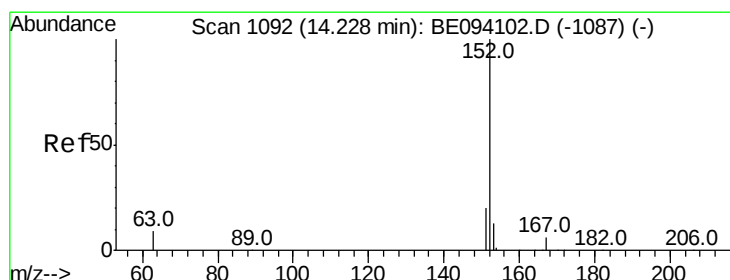
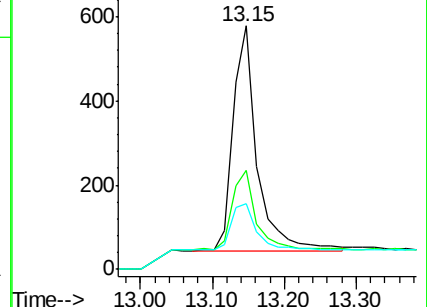
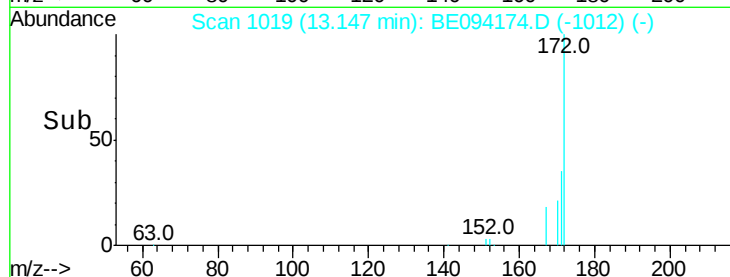
170 27.2 21.8 32.8



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: 0.099 ng

RT: 14.23 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

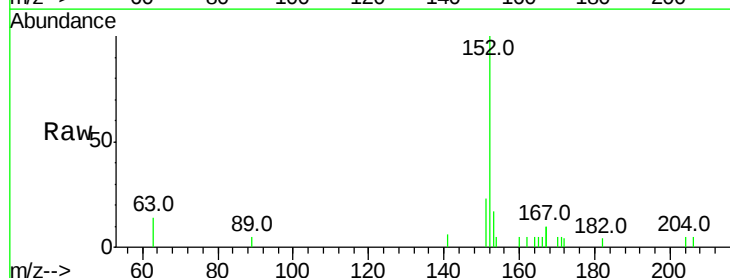
Tgt Ion:152 Resp: 1786

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

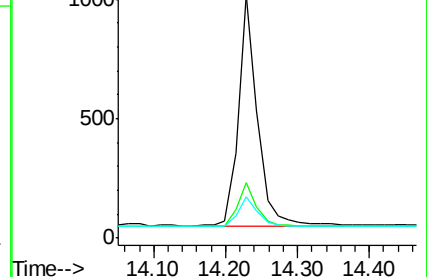
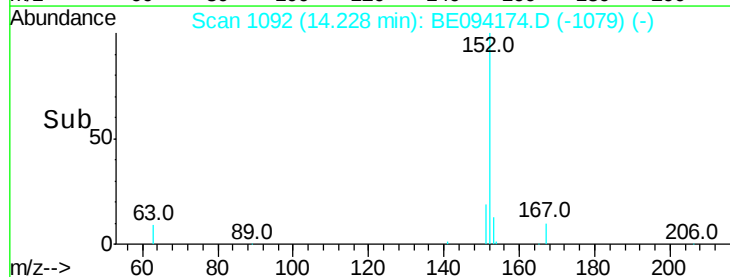
153 12.9 10.5 15.7

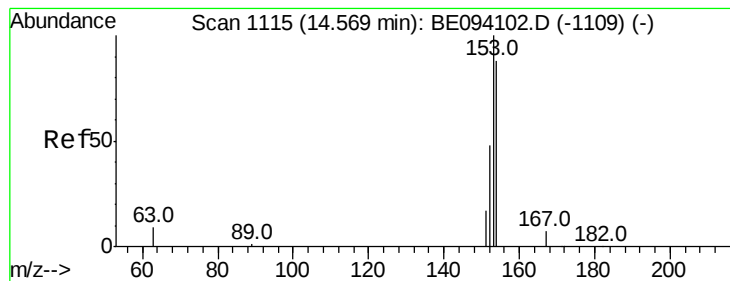


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.109 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

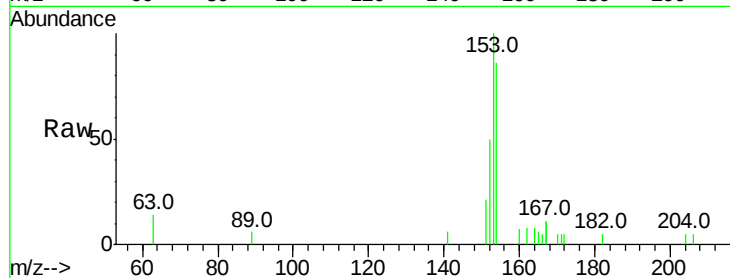
Tot Ion:154 Resp: 1239

Ion Ratio Lower Upper

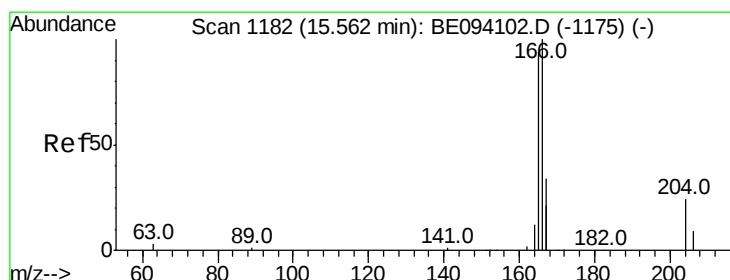
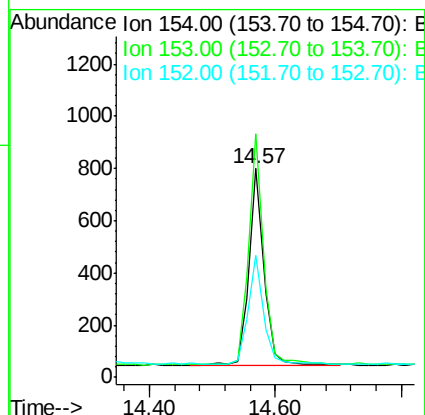
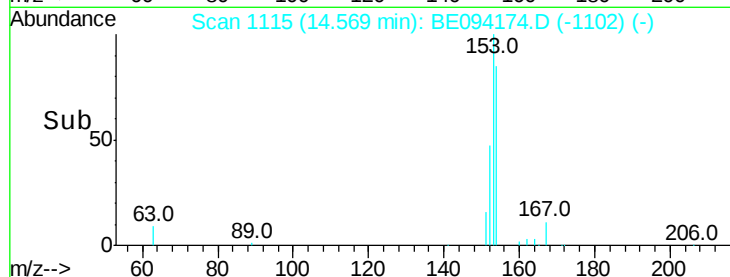
154 100

153 117.1 89.2 133.8

152 57.7 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: 0.104 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

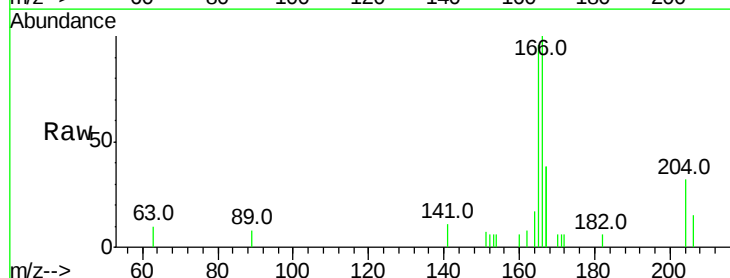
Tgt Ion:166 Resp: 1604

Ion Ratio Lower Upper

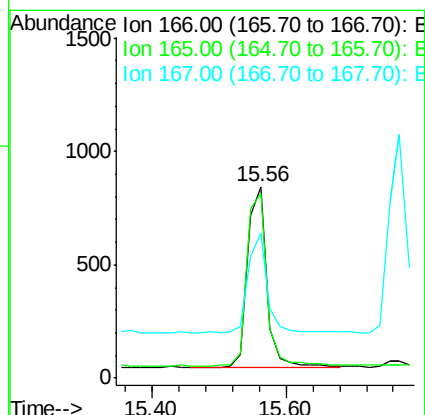
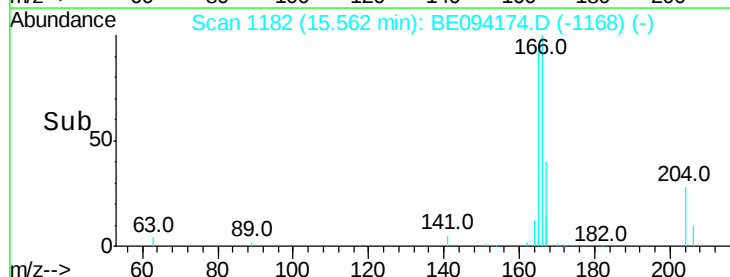
166 100

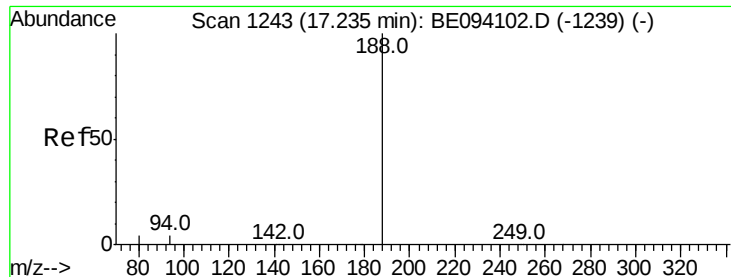
165 100.1 77.8 116.6

167 54.9 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

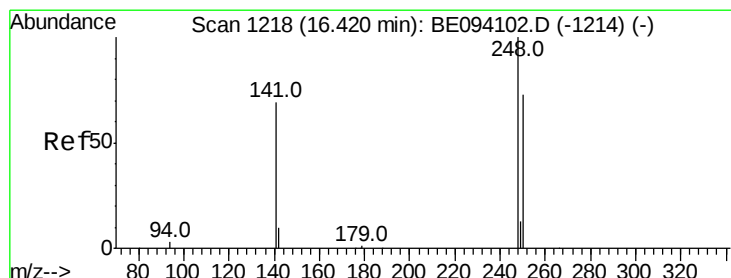
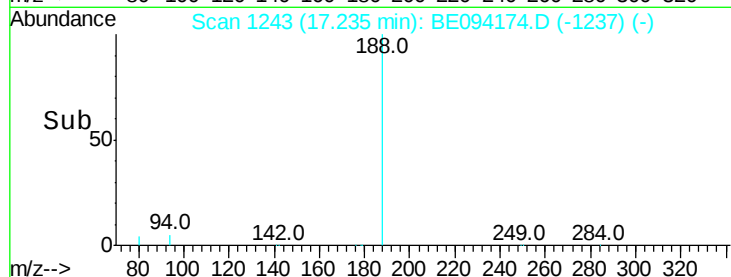
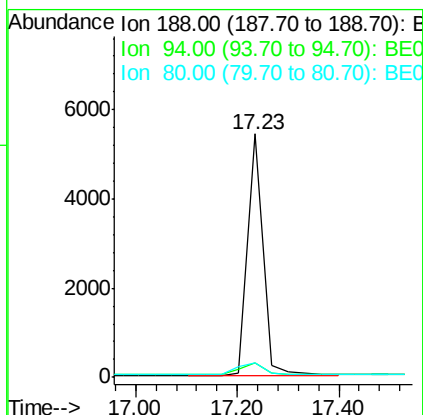
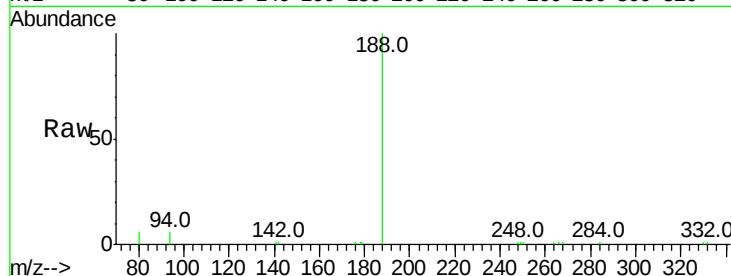




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

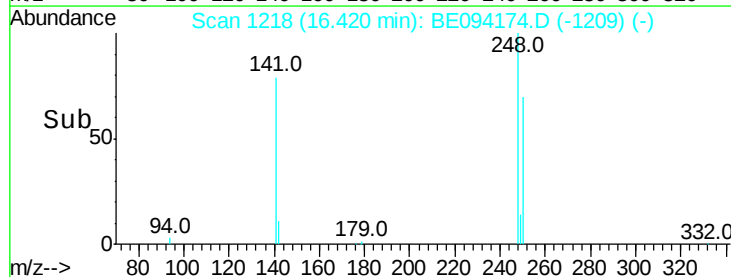
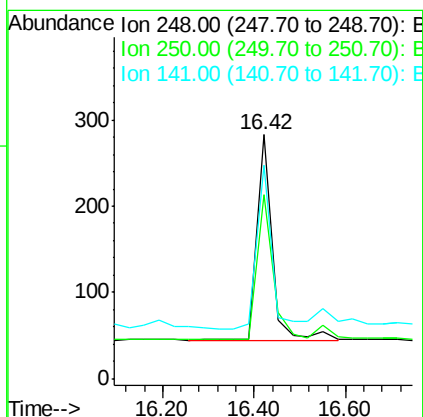
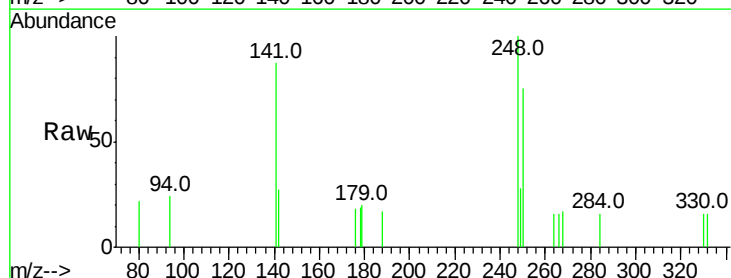
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

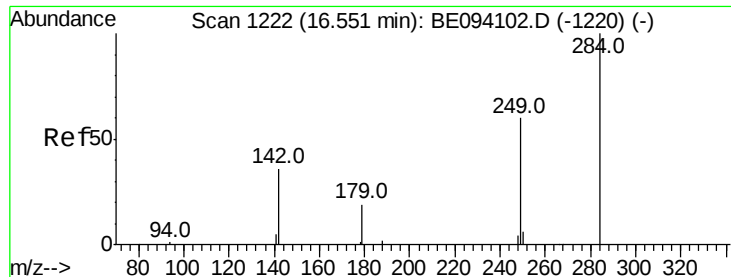
Tot Ion:188 Resp: 11398
Ion Ratio Lower Upper
188 100
94 6.0 3.9 5.9#
80 5.7 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.121 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

Tgt Ion:248 Resp: 565
Ion Ratio Lower Upper
248 100
250 75.3 62.7 94.1
141 87.3 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.174 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

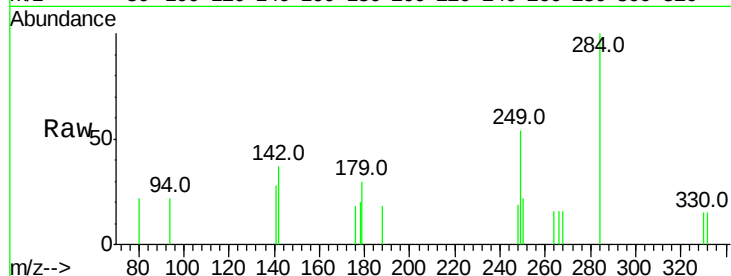
Tot Ion:284 Resp: 514

Ion	Ratio	Lower	Upper
284	100		
142	26.7	22.1	33.1
249	41.8	34.8	52.2

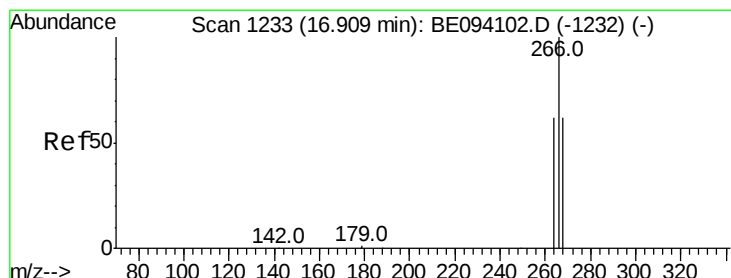
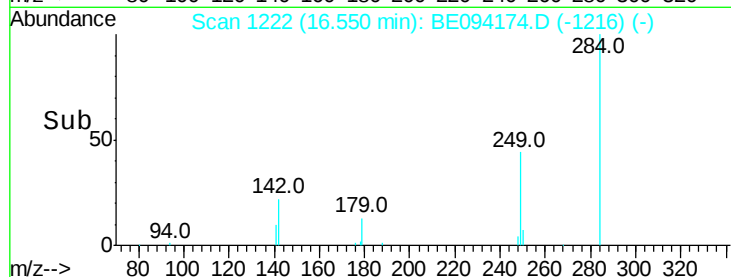
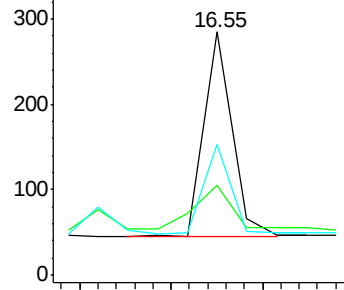
284 100

142 26.7 22.1 33.1

249 41.8 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.049 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

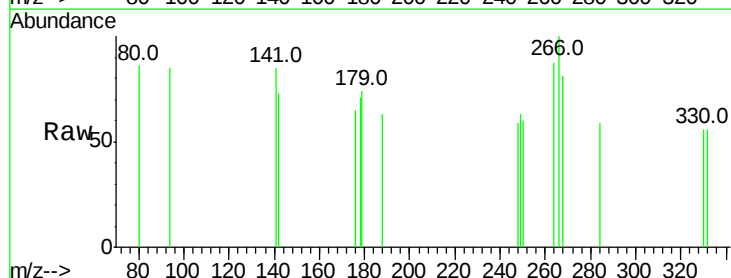
Tgt Ion:266 Resp: 133

Ion	Ratio	Lower	Upper
266	100		
264	87.2	72.5	108.7
268	80.8	73.8	110.6

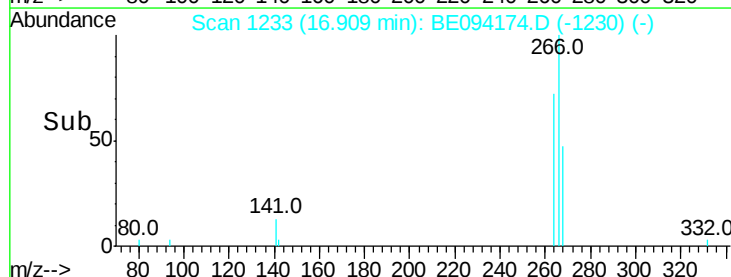
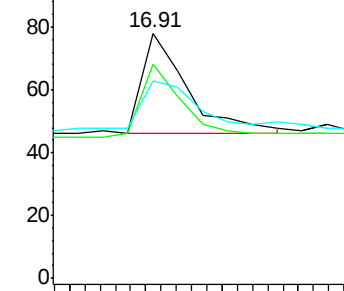
266 100

264 87.2 72.5 108.7

268 80.8 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: 0.119 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

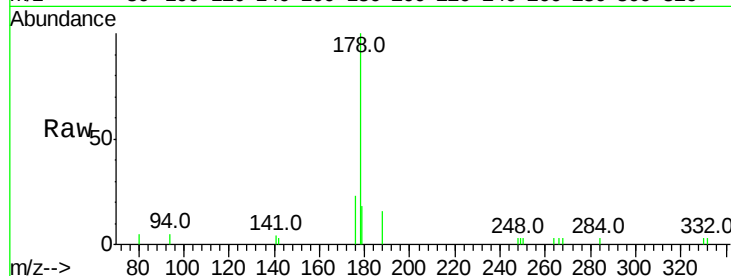
Tot Ion:178 Resp: 3471

Ion Ratio Lower Upper

178 100

176 20.5 15.1 22.7

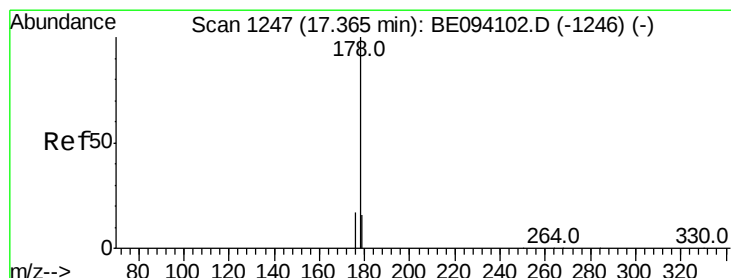
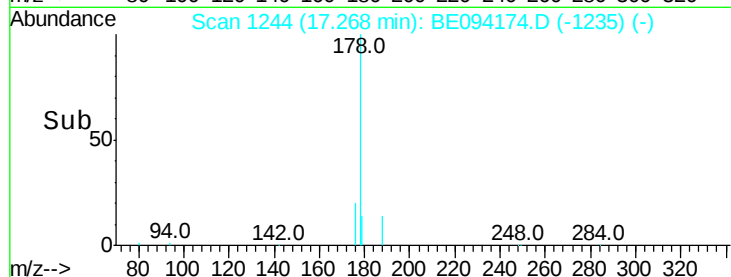
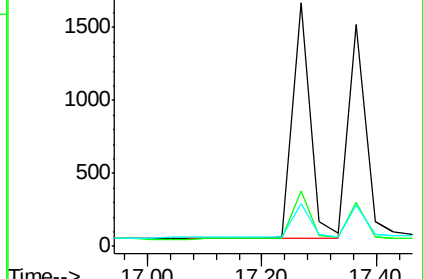
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.103 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

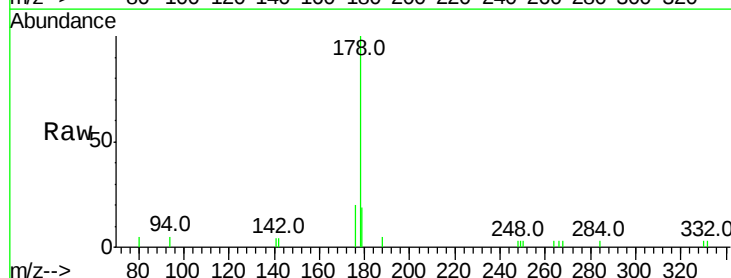
Tgt Ion:178 Resp: 3151

Ion Ratio Lower Upper

178 100

176 17.3 12.8 19.2

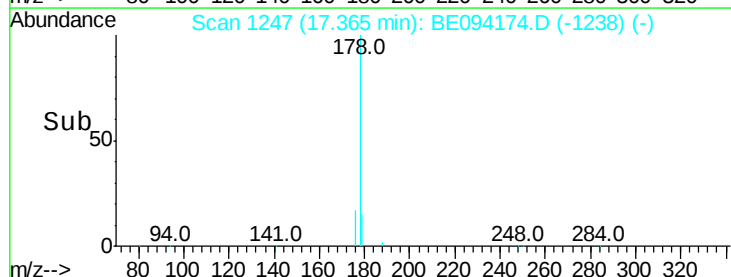
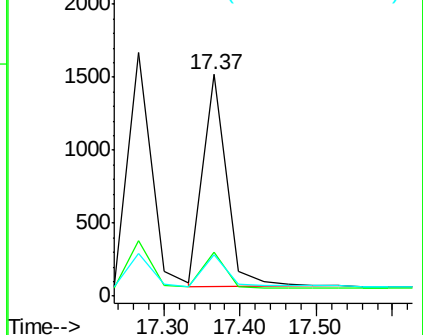
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.098 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

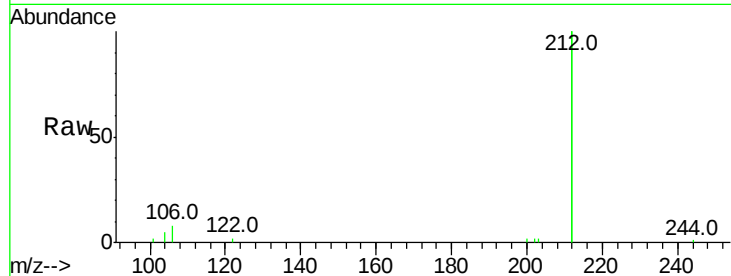
Tot Ion:212 Resp: 10761

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

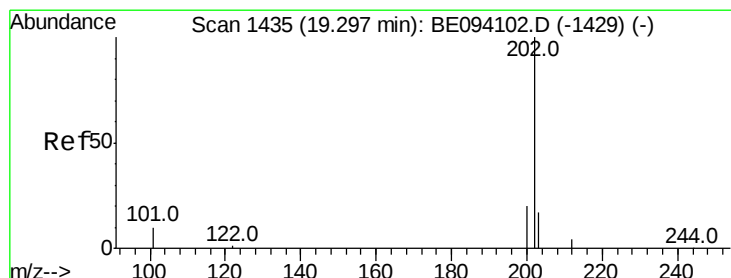
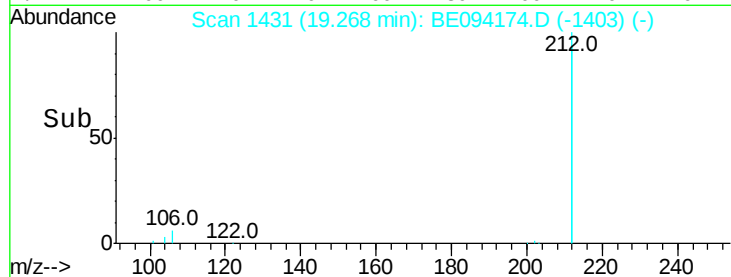
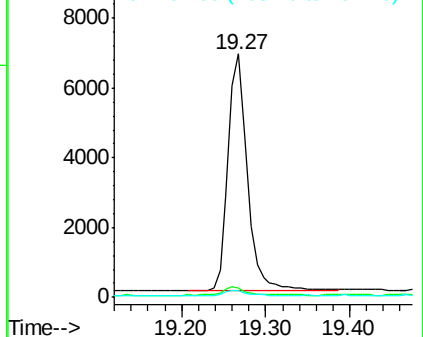
104 2.1 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.098 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

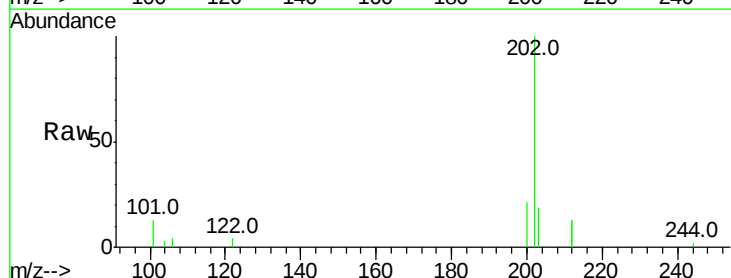
Tgt Ion:202 Resp: 3210

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

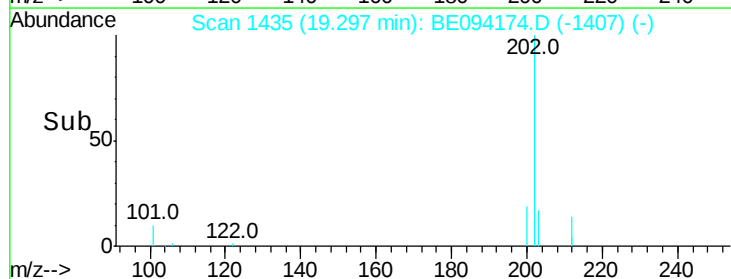
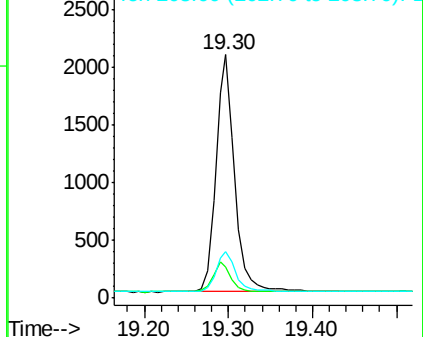
203 17.4 13.7 20.5



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

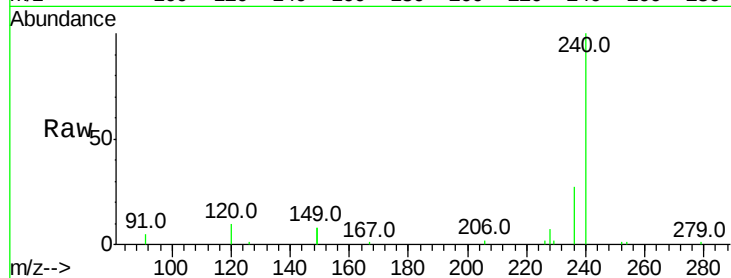




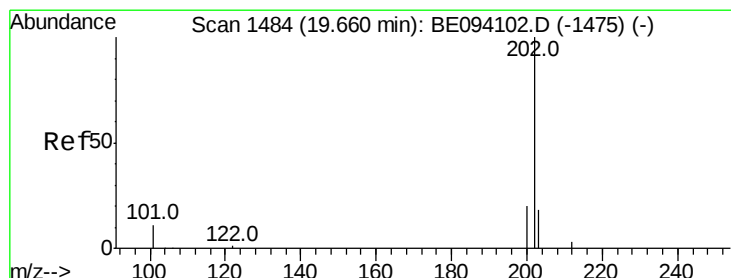
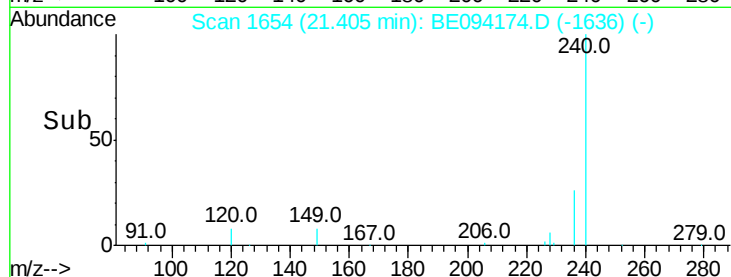
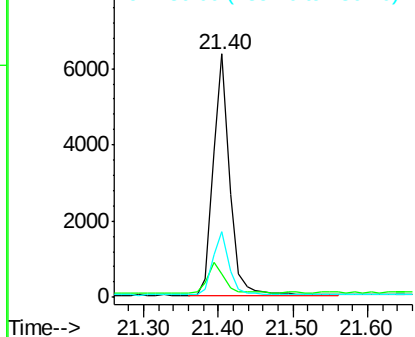
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:240 Resp: 9676
 Ion Ratio Lower Upper
 240 100
 120 9.6 5.5 8.3#
 236 27.1 20.7 31.1

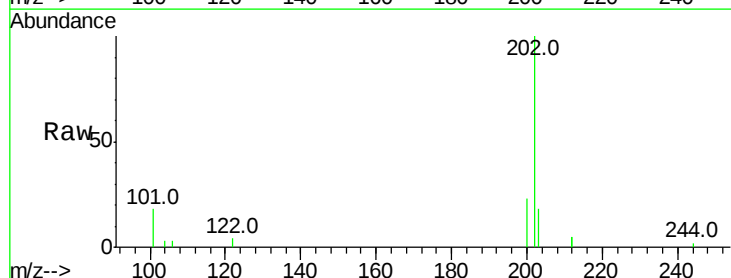


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

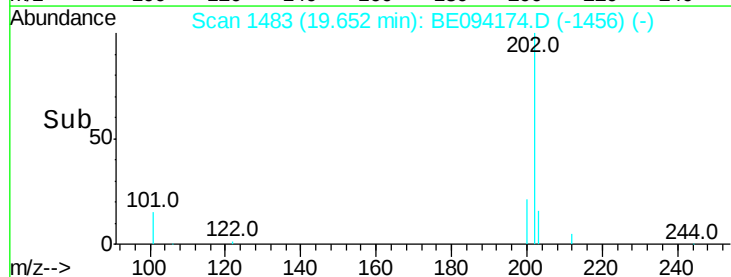
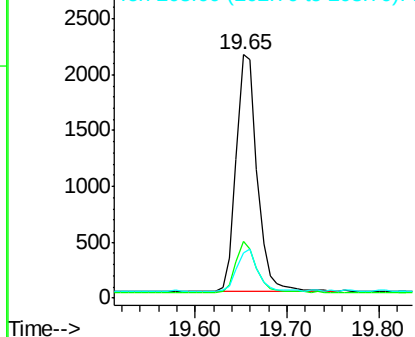


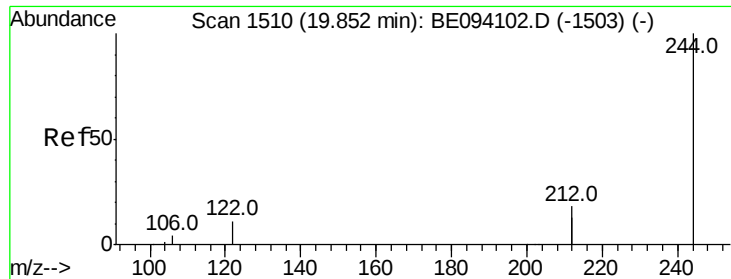
#28
 Pyrene
 Concen: 0.112 ng
 RT: 19.65 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

Tgt Ion:202 Resp: 3421
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.4 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: 0.107 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

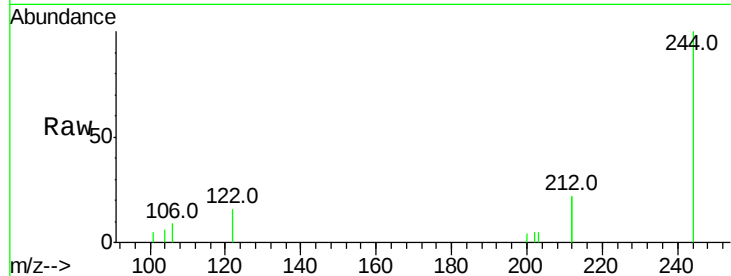
Tot Ion:244 Resp: 1889

Ion Ratio Lower Upper

244 100

212 44.7 25.4 38.0#

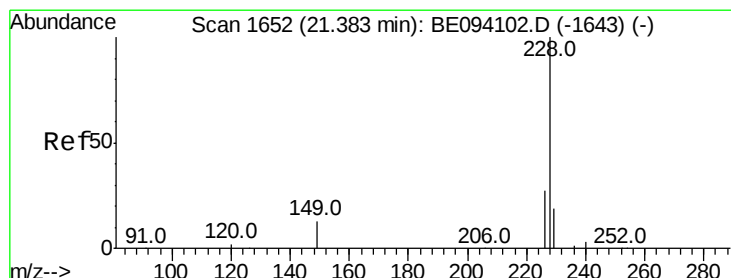
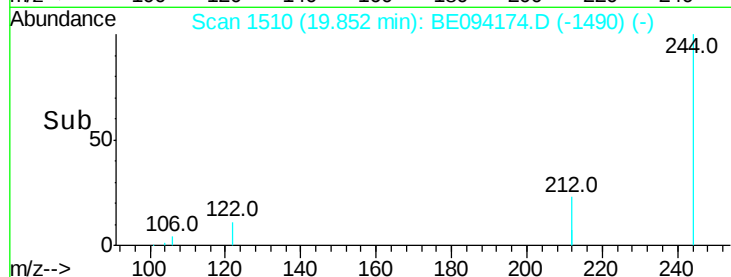
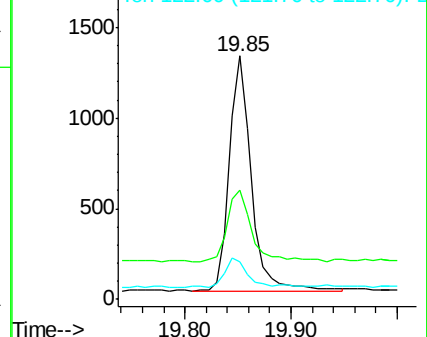
122 15.6 8.1 12.1#



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: 0.099 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

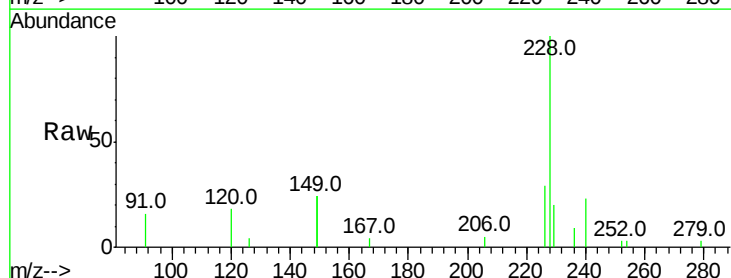
Tgt Ion:228 Resp: 3242

Ion Ratio Lower Upper

228 100

226 28.8 21.4 32.0

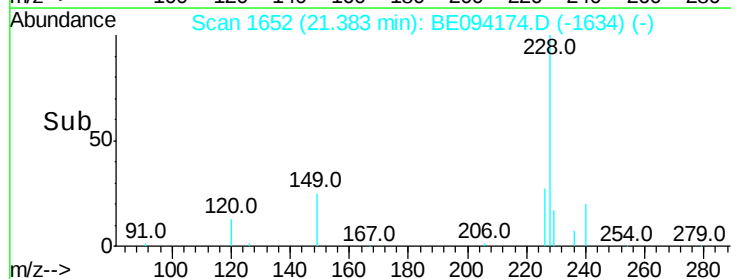
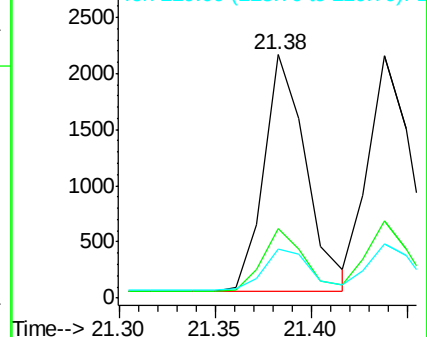
229 20.2 16.4 24.6

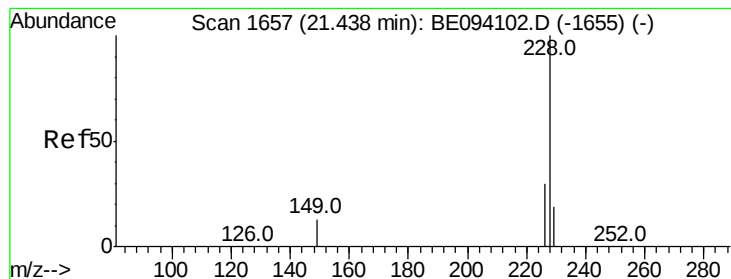


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.106 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

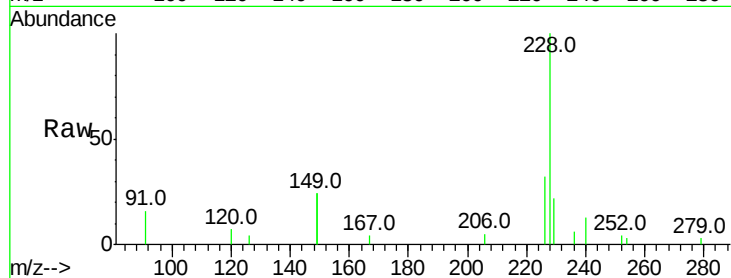
Tot Ion:228 Resp: 3329

Ion Ratio Lower Upper

228 100

226 31.8 23.6 35.4

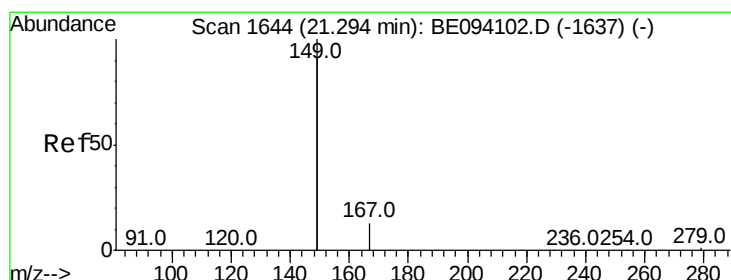
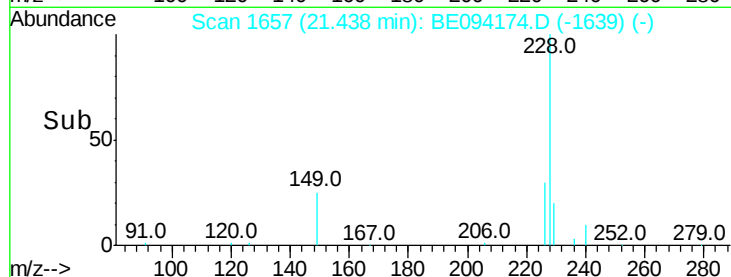
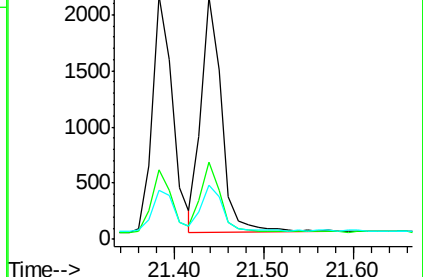
229 22.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

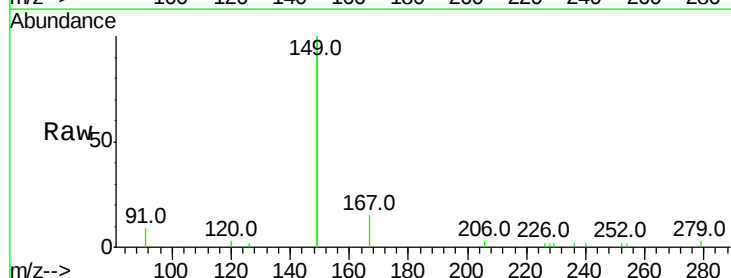
Tgt Ion:149 Resp: 8914

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

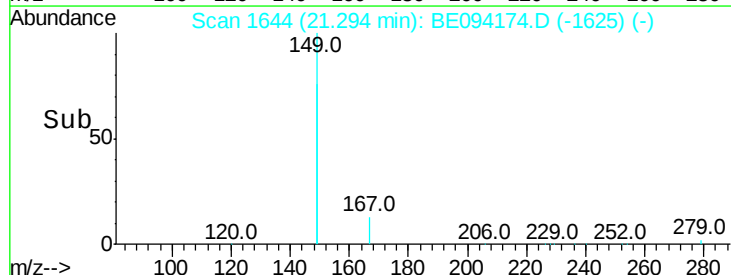
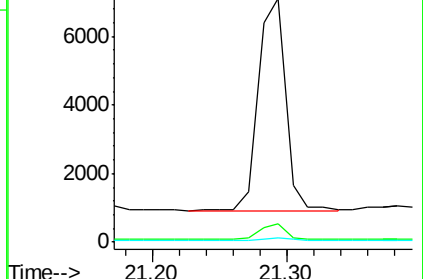
279 1.0 0.7 1.1

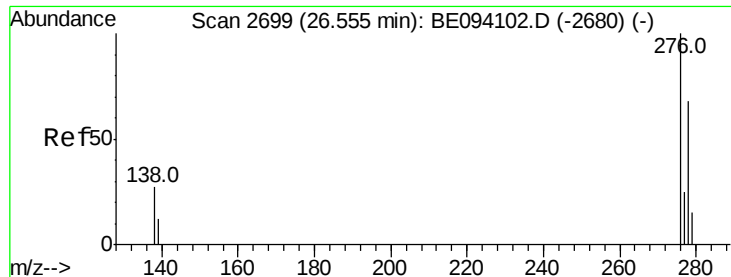


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.095 ng

RT: 26.55 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

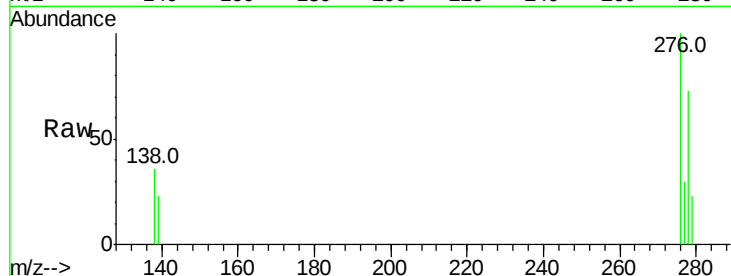
Tot Ion:276 Resp: 3198

Ion Ratio Lower Upper

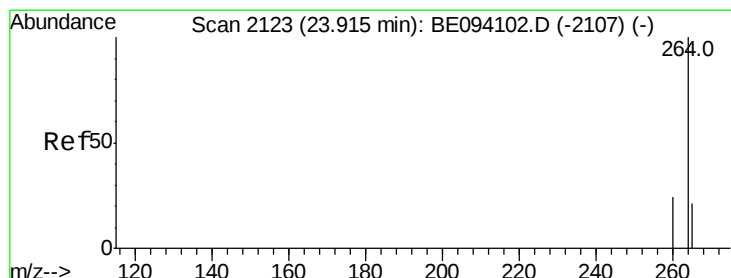
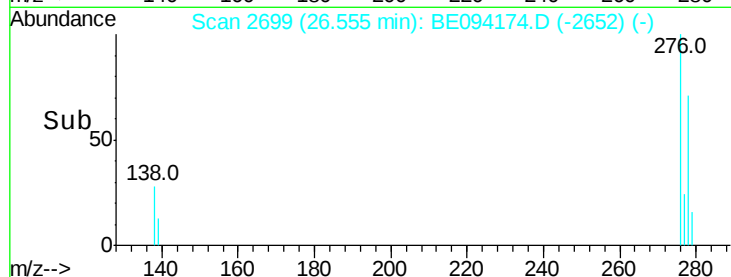
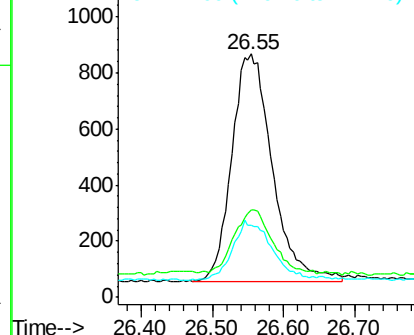
276 100

138 26.3 22.5 33.7

277 25.8 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. -0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

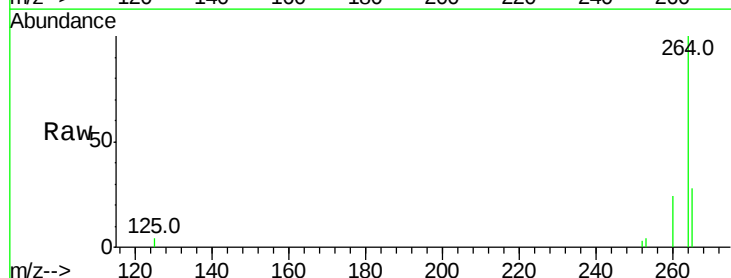
Tgt Ion:264 Resp: 9274

Ion Ratio Lower Upper

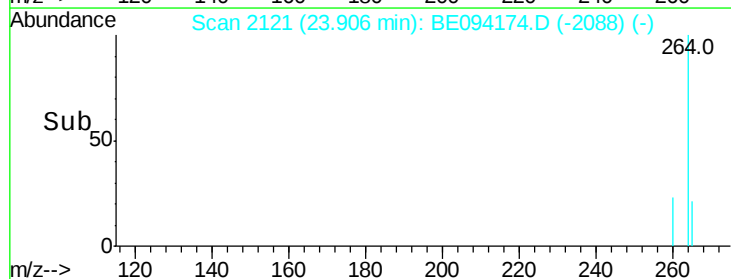
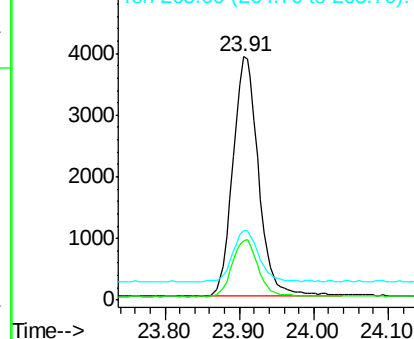
264 100

260 24.5 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: 0.096 ng

RT: 23.14 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

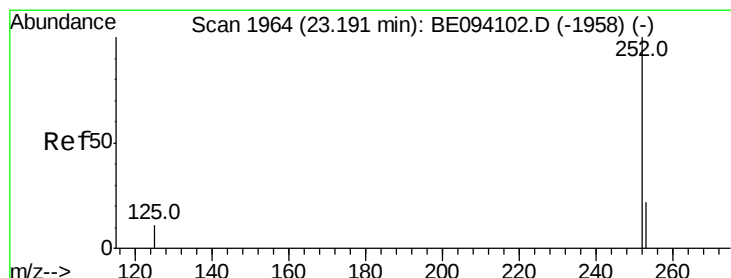
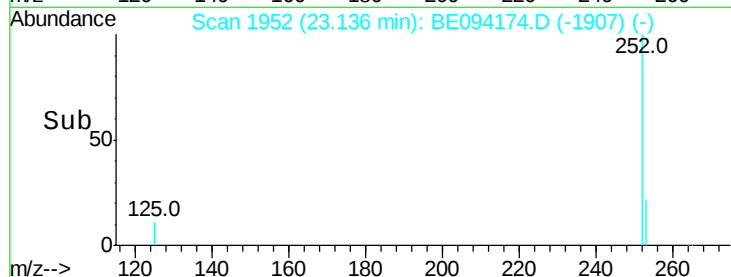
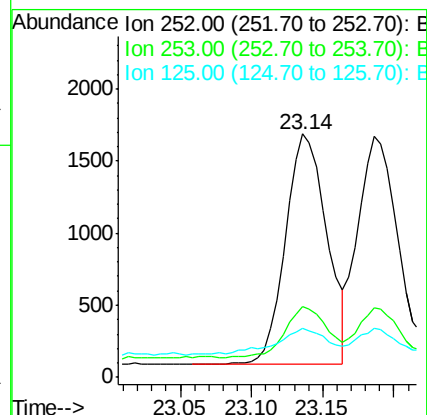
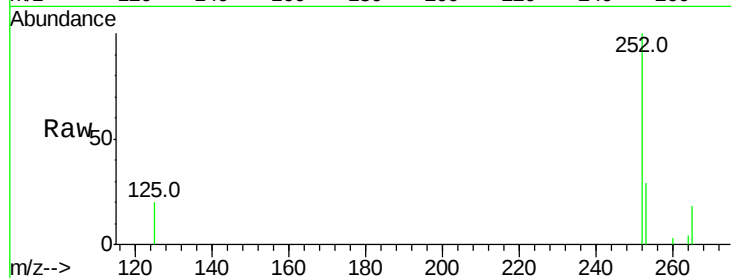
Tot Ion:252 Resp: 3196

Ion Ratio Lower Upper

252 100

253 29.2 18.2 27.2#

125 19.9 10.1 15.1#



#36

Benzo(k)fluoranthene

Concen: 0.100 ng

RT: 23.19 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

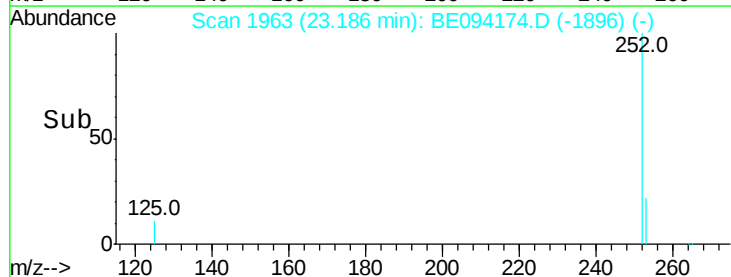
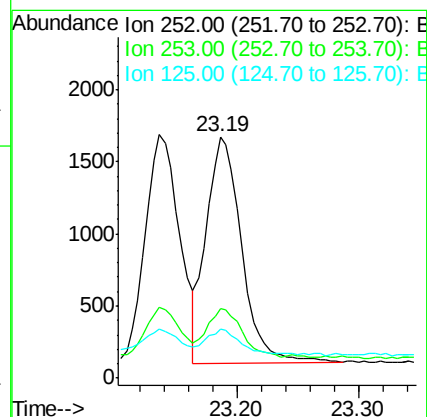
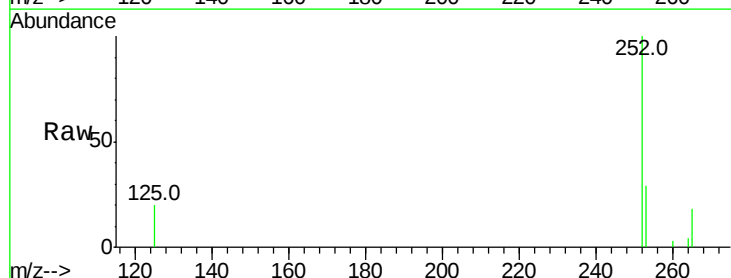
Tgt Ion:252 Resp: 3213

Ion Ratio Lower Upper

252 100

253 28.6 18.6 27.8#

125 20.4 10.7 16.1#





#37

Benzo(a)pyrene

Concen: 0.099 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

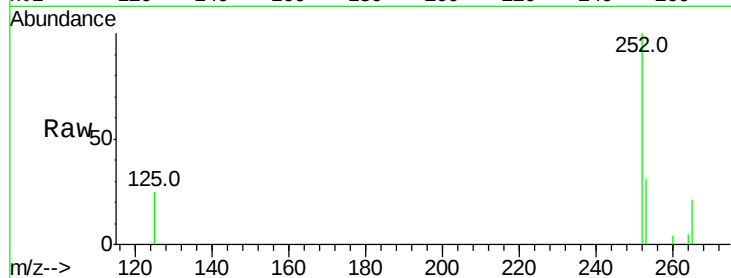
Tot Ion:252 Resp: 3003

Ion Ratio Lower Upper

252 100

253 30.7 19.0 28.6#

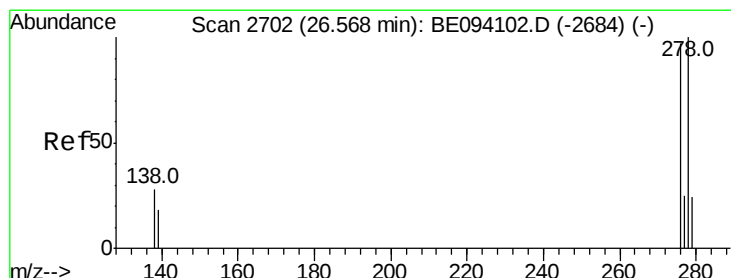
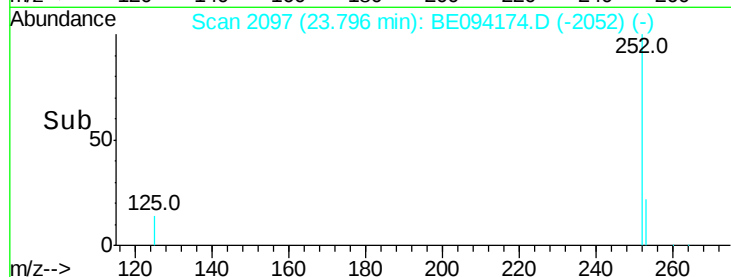
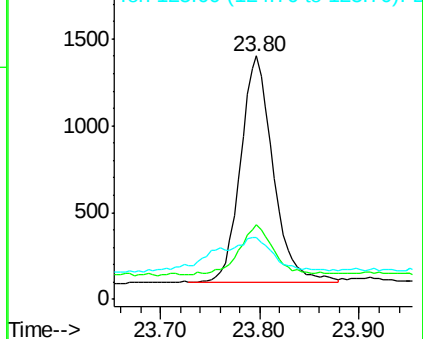
125 25.2 11.8 17.8#



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: 0.094 ng

RT: 26.57 min Scan# 2702

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

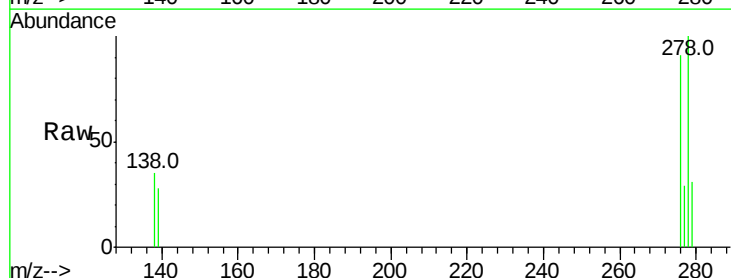
Tgt Ion:278 Resp: 2685

Ion Ratio Lower Upper

278 100

139 27.6 16.3 24.5#

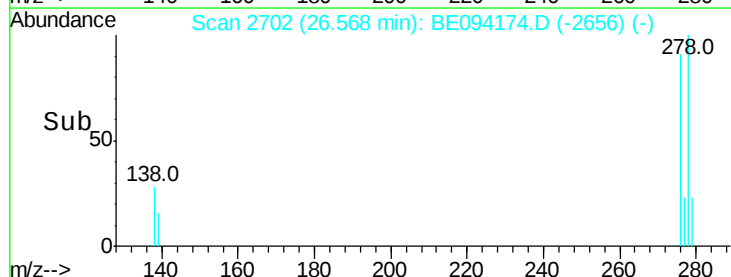
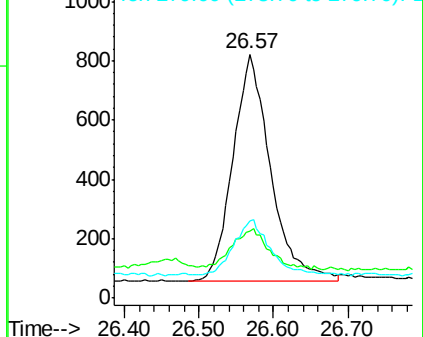
279 31.4 19.9 29.9#

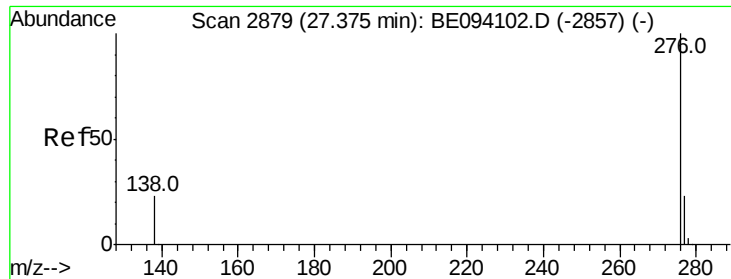


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.099 ng

RT: 27.37 min Scan# 2878

Delta R.T. 0.01 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

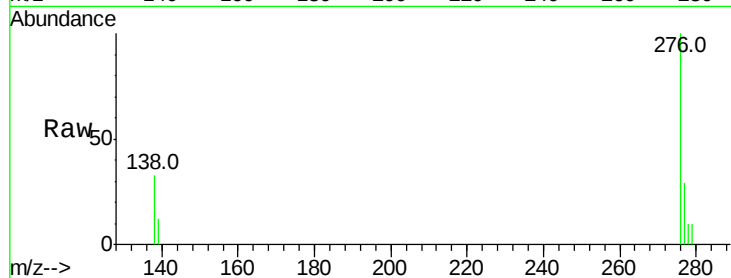
Tot Ion: 276 Resp: 2799

Ion Ratio Lower Upper

276 100

277 29.5 20.8 31.2

138 33.4 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

