

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 15:16:16 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 13:44:27 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	0.00	330	0d	0.00	ng	
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

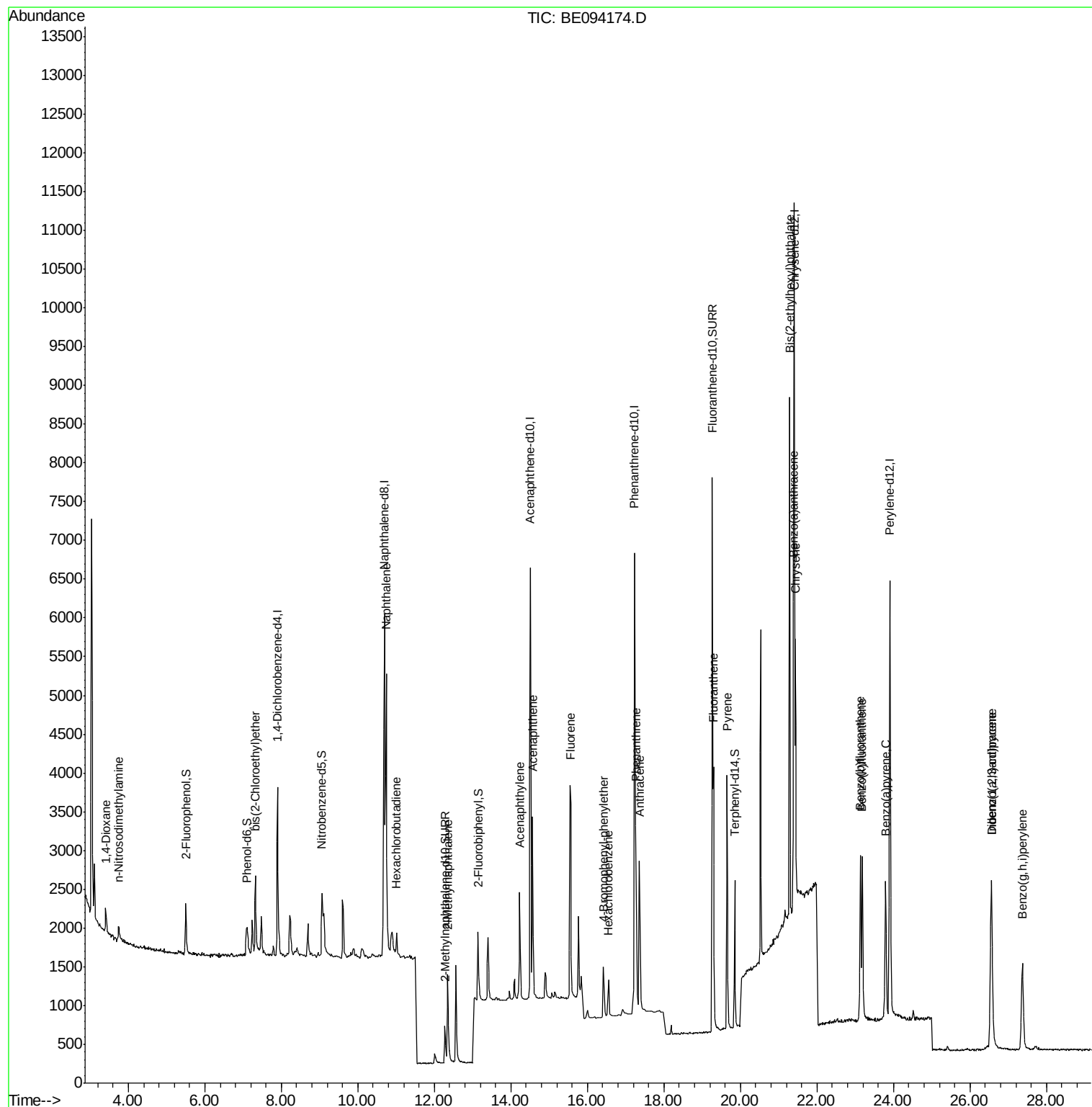
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	208	0.091	ng	# 73
3) n-Nitrosodimethylamine	3.74	42	223	0.076	ng	97
6) bis(2-Chloroethyl)ether	7.33	93	486	0.102	ng	91
9) Naphthalene	10.74	128	6802	0.102	ng	# 97
10) Hexachlorobutadiene	11.01	225	262	0.105	ng	92
12) 2-Methylnaphthalene	12.35	142	1111	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
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

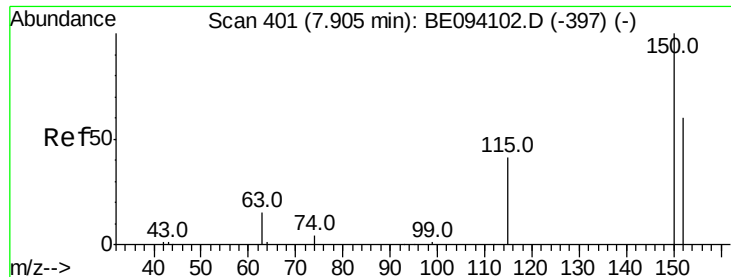
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

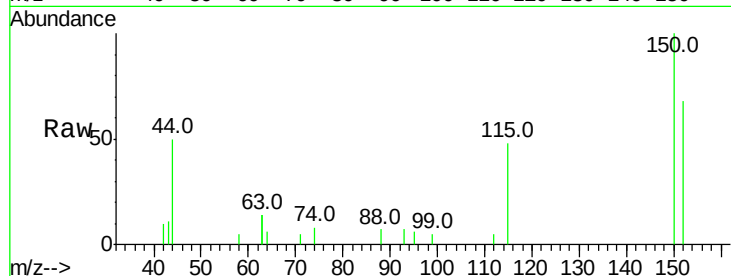
Tot Ion:152 Resp: 1172

Ion Ratio Lower Upper

152 100

150 147.6 117.2 175.8

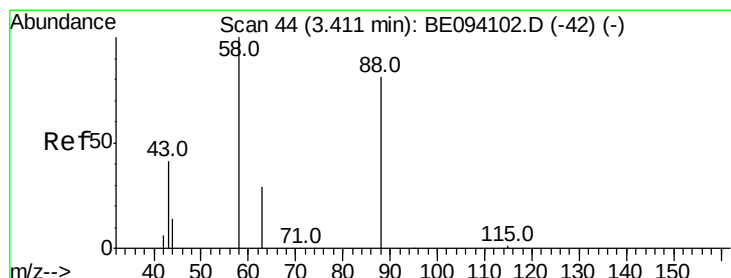
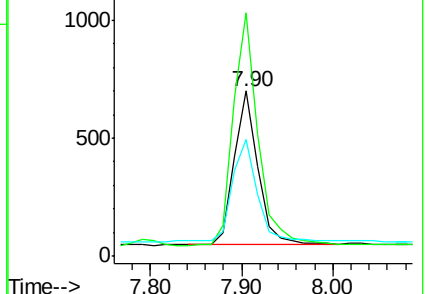
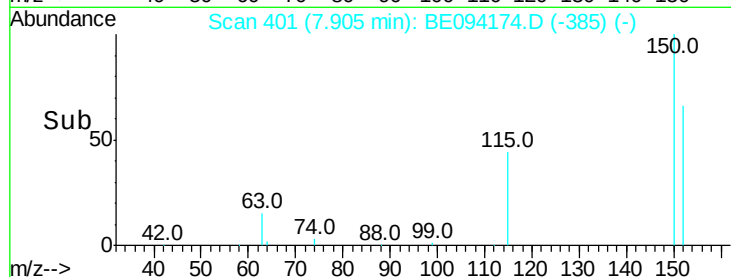
115 71.1 57.0 85.6



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

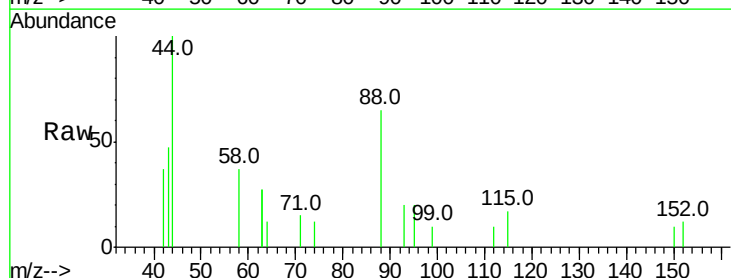
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

58 90.9 63.2 94.8

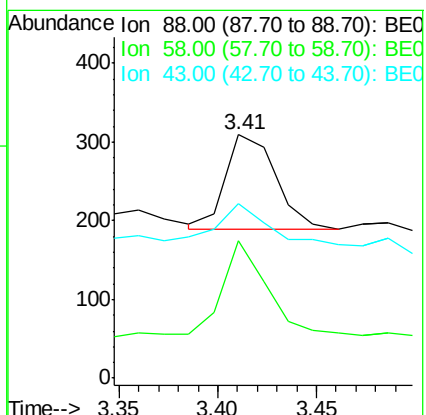
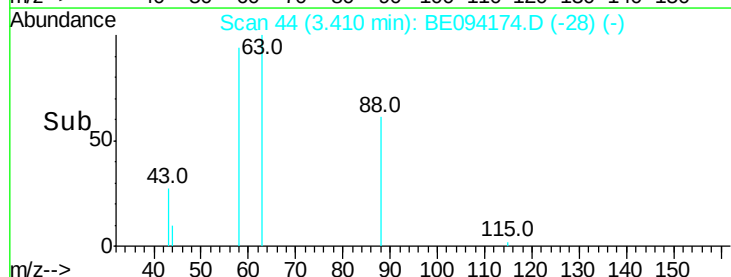
43 85.1 41.2 61.8#

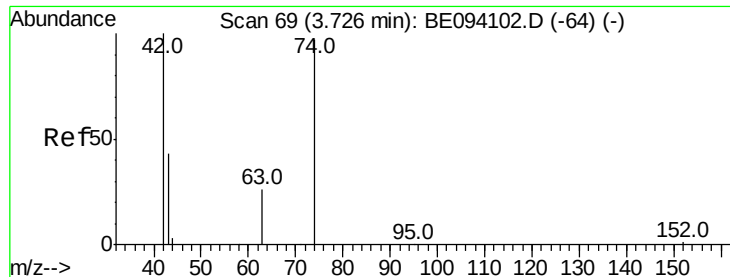


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



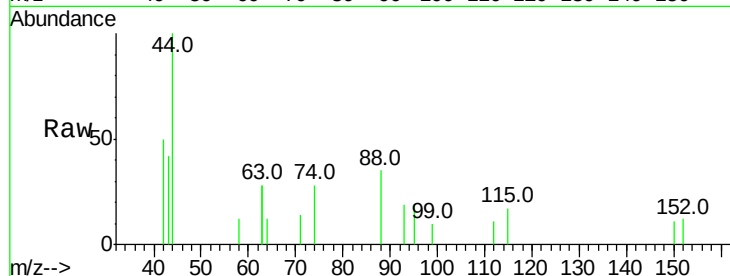


#3

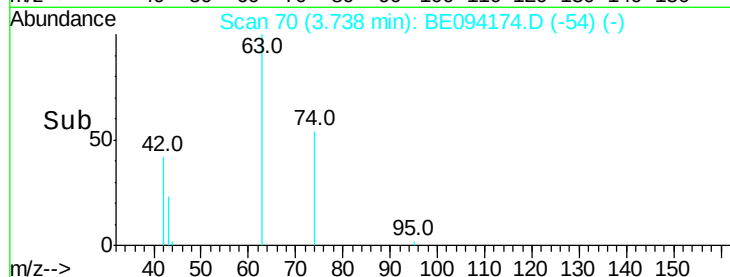
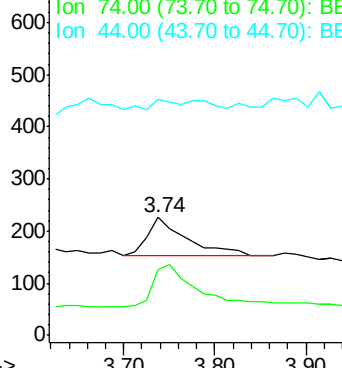
n-Nitrosodimethylamine
 Concen: 0.076 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

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



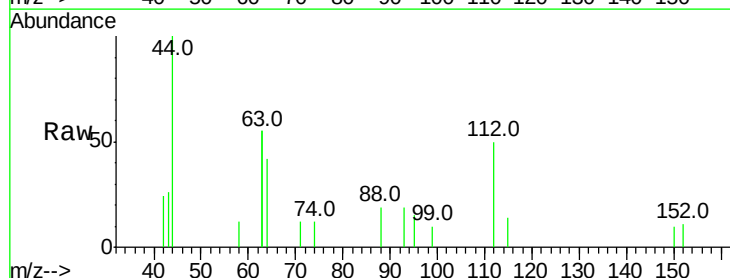
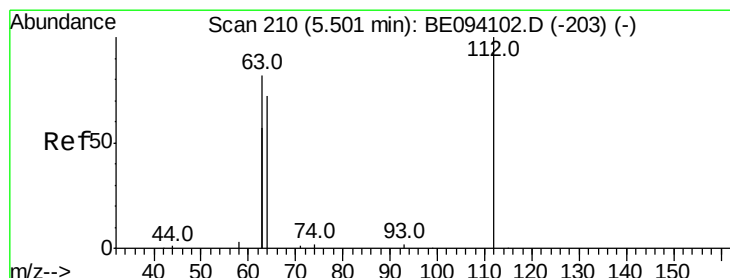
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



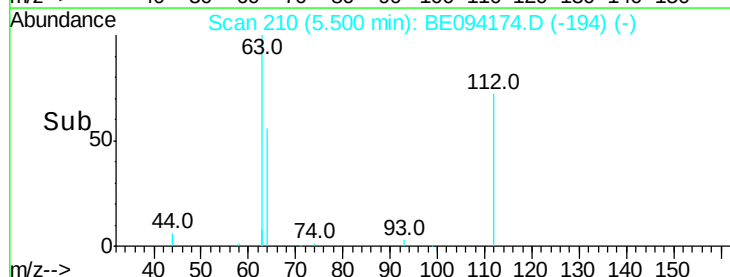
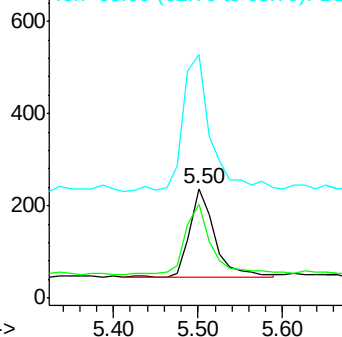
#4

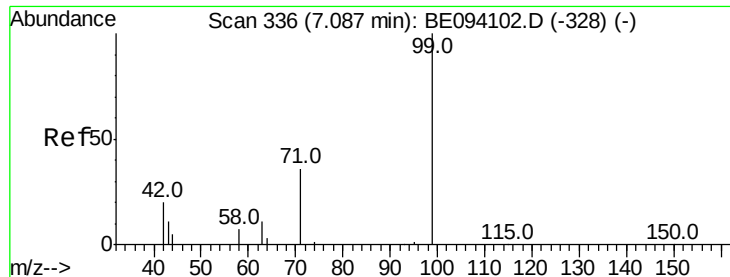
2-Fluorophenol
 Concen: 0.091 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

Tgt Ion	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





#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

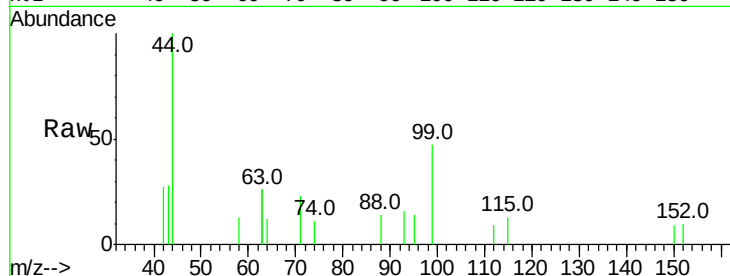
Tot Ion: 99 Resp: 580

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

71 36.0 28.4 42.6



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

Time-->

7.10

250

200

150

100

50

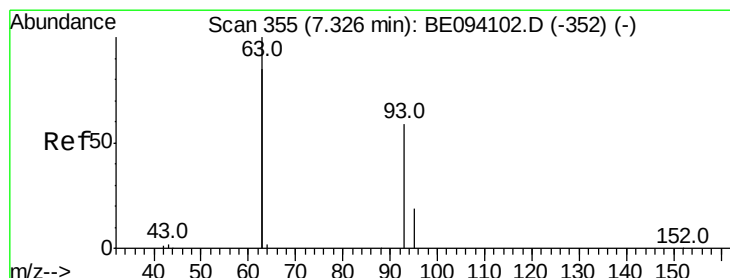
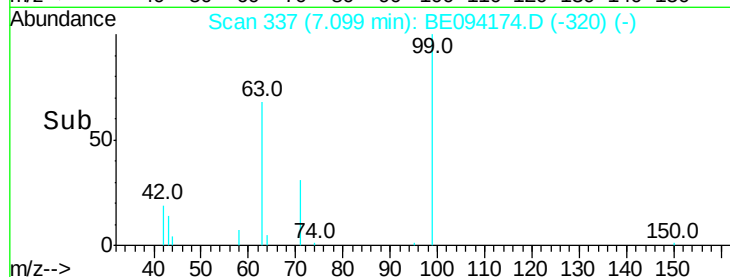
0

7.00

7.10

7.20

7.30



#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

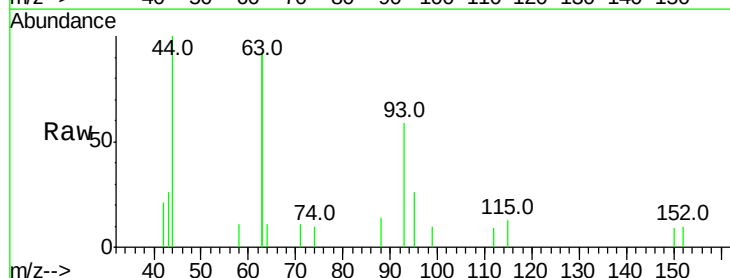
Tgt Ion: 93 Resp: 486

Ion Ratio Lower Upper

93 100

63 323.9 275.3 412.9

95 29.6 25.2 37.8



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

Time-->

7.33

1200

1000

800

600

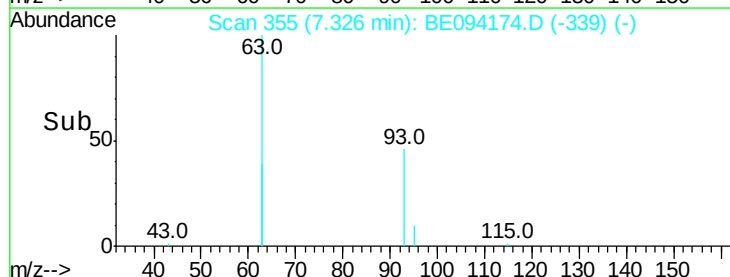
400

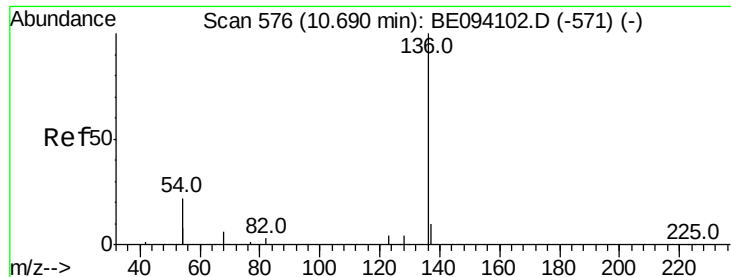
200

0

7.30

7.40





#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

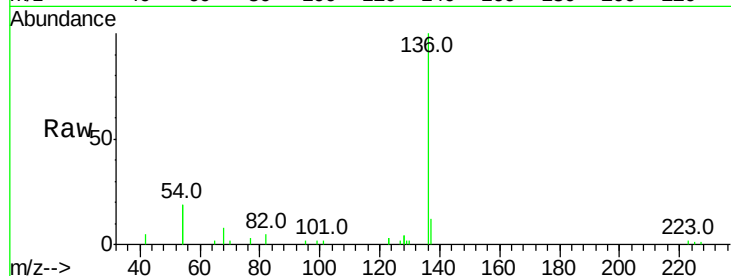
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 37.1 29.1 43.7

68 7.9 6.2 9.2

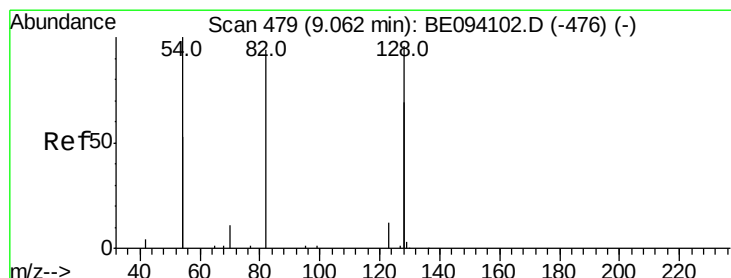
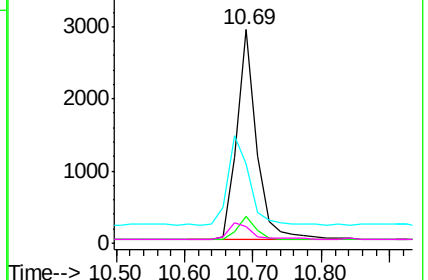
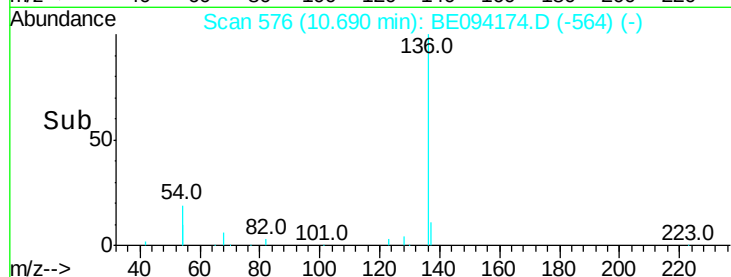


Abundance Ion 136.00 (135.70 to 136.70): E

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

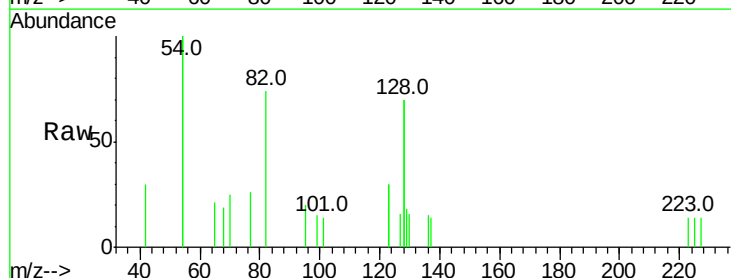
Tgt Ion: 82 Resp: 481

Ion Ratio Lower Upper

82 100

128 189.0 150.0 225.0

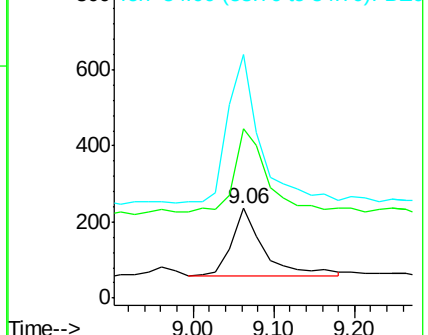
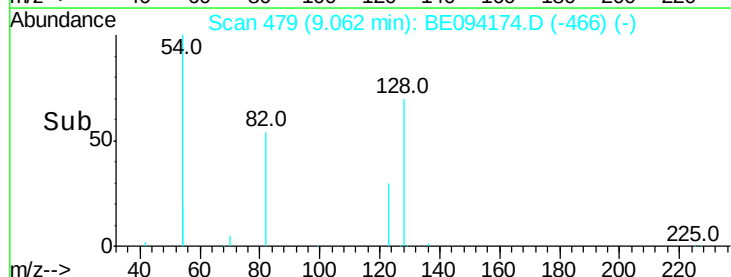
54 271.2 154.2 231.4#

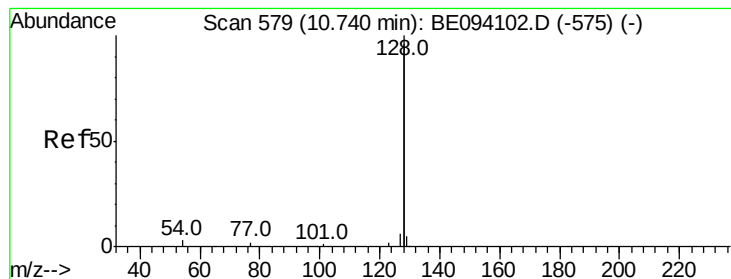


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

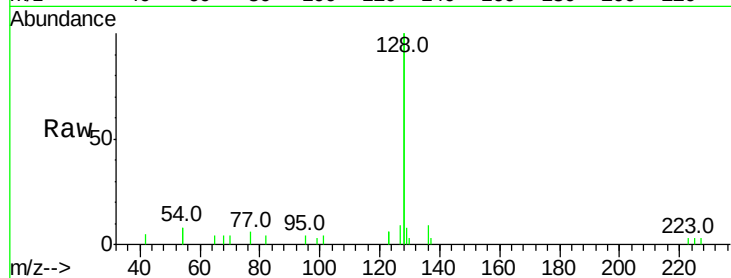
Tot Ion:128 Resp: 6802

Ion Ratio Lower Upper

128 100

129 4.0 2.6 3.8#

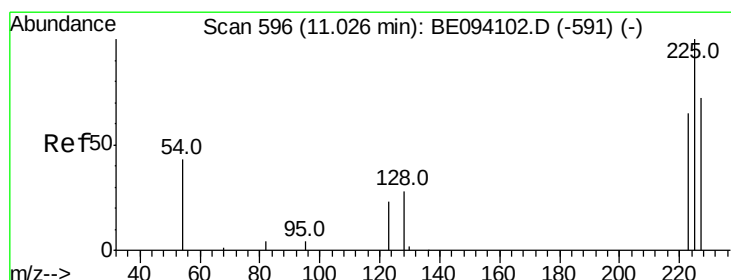
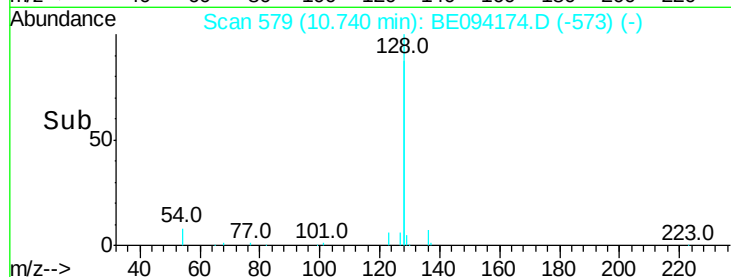
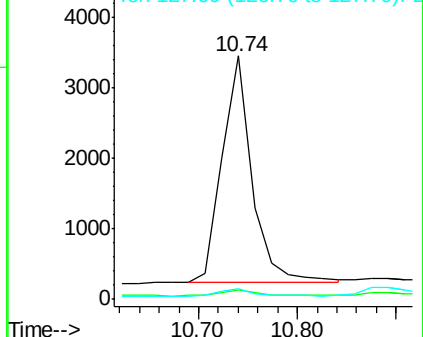
127 4.4 2.8 4.2#



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

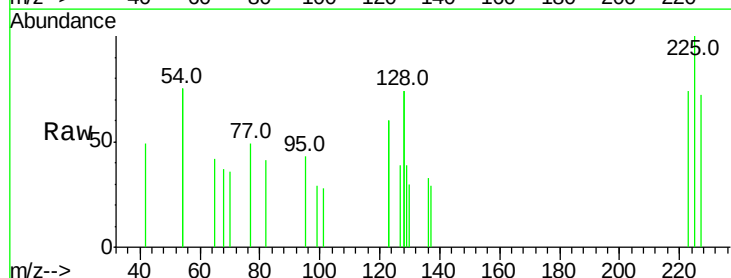
Tgt Ion:225 Resp: 262

Ion Ratio Lower Upper

225 100

223 58.0 53.0 79.6

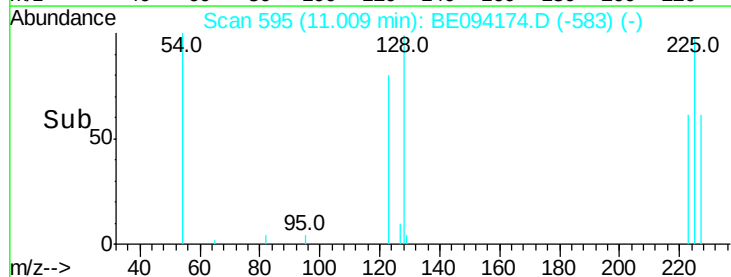
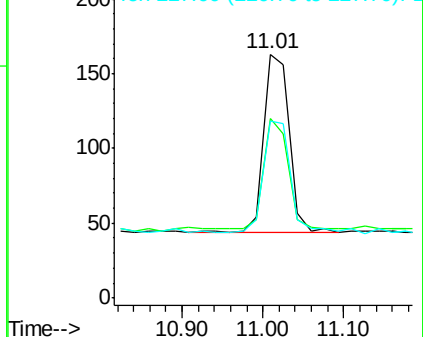
227 69.1 51.4 77.2

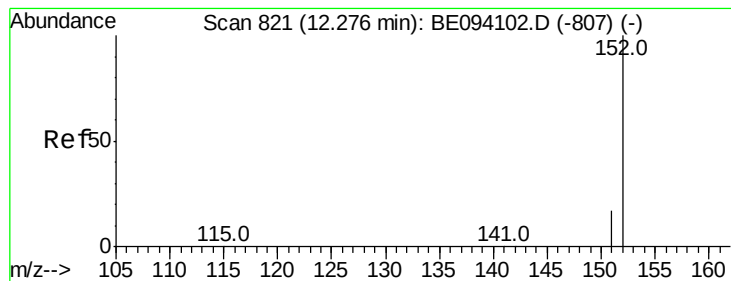


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

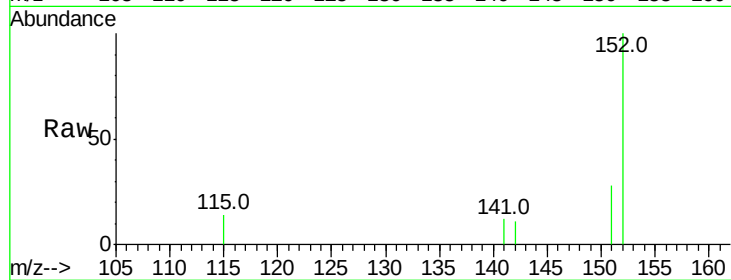
SSTDIC0.1

Tot Ion:152 Resp: 934

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

400

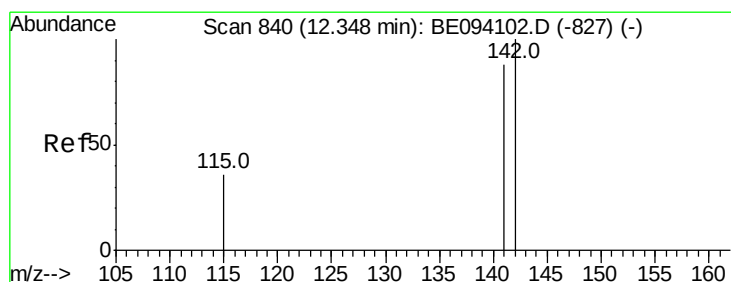
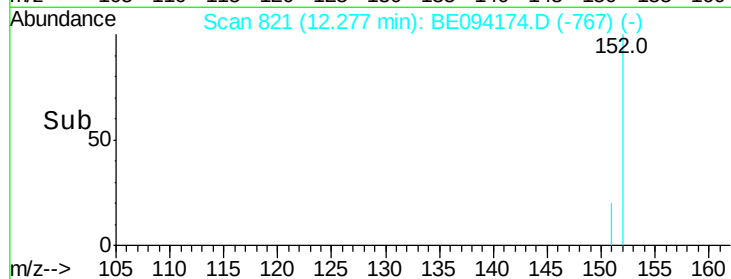
300

200

100

0

Time--> 12.20 12.30 12.40



#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

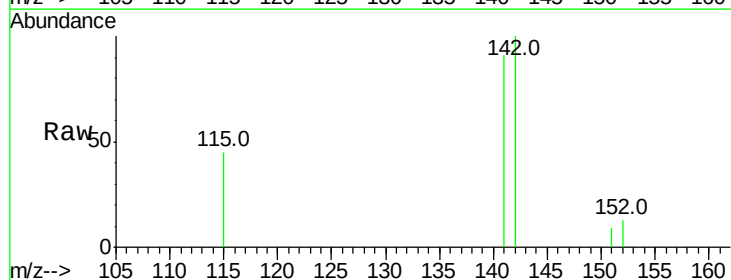
Tgt Ion:142 Resp: 1111

Ion Ratio Lower Upper

142 100

141 91.3 70.4 105.6

115 44.9 31.7 47.5



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

12.35

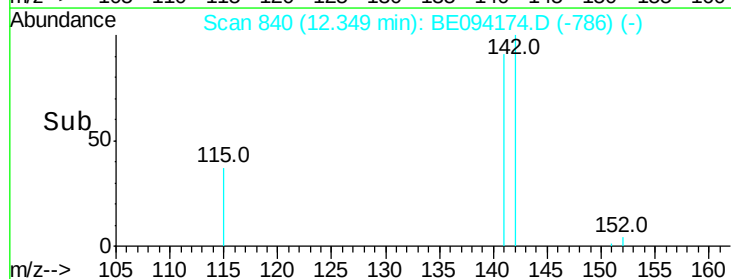
600

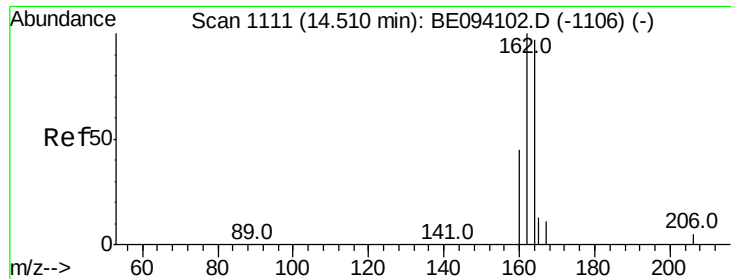
400

200

0

Time--> 12.30 12.40





#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 :

SSTDIC0.1

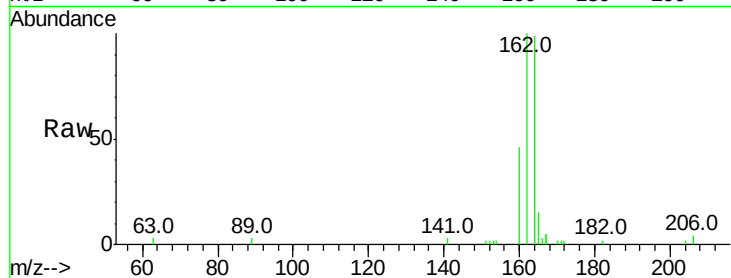
Tot Ion:164 Resp: 3616

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

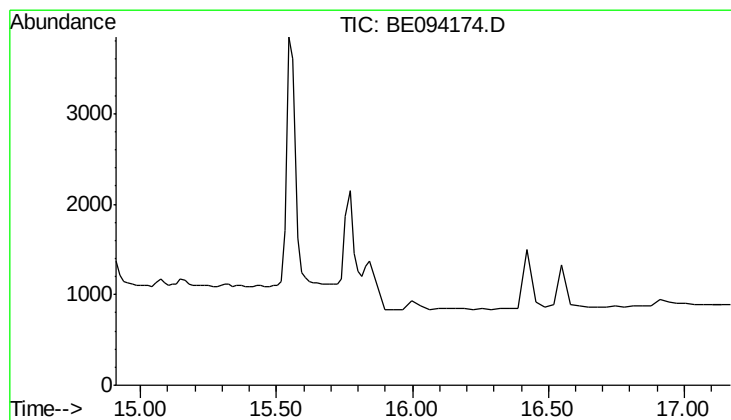
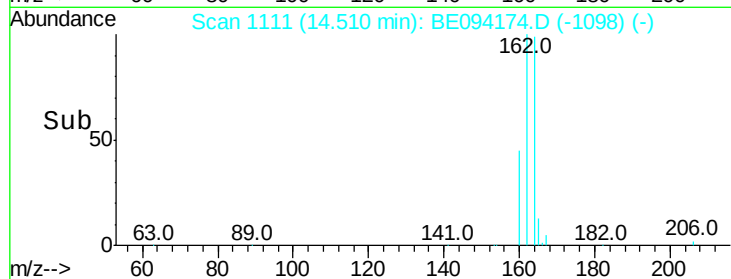
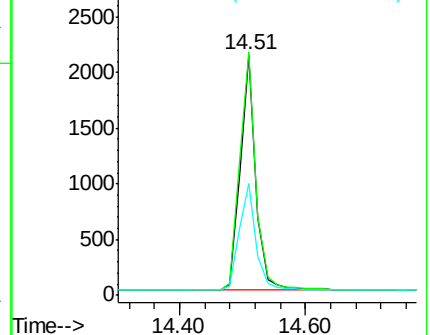
160 46.5 37.1 55.7



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: 0.000 ng

Expected RT: 16.00 min

Lab File: BE094174.D

Acq: 6 Oct 2017 11:23

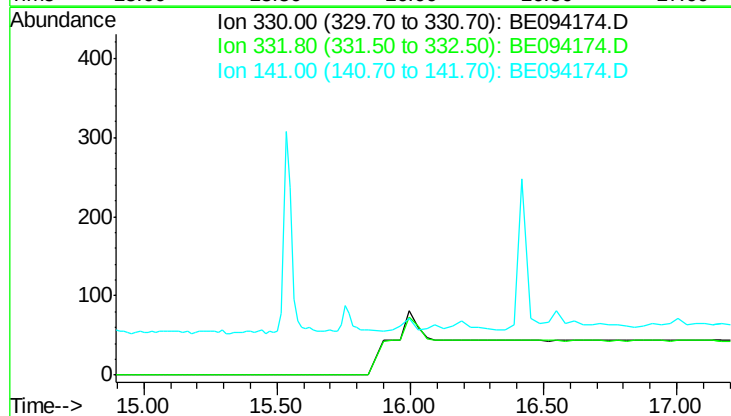
Tgt Ion: 330

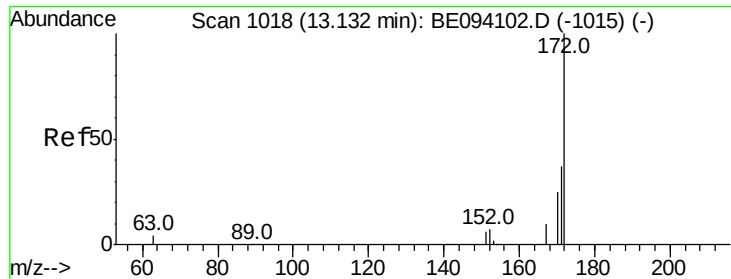
Sig Exp Ratio

330 100

332 190.9

141 42.1

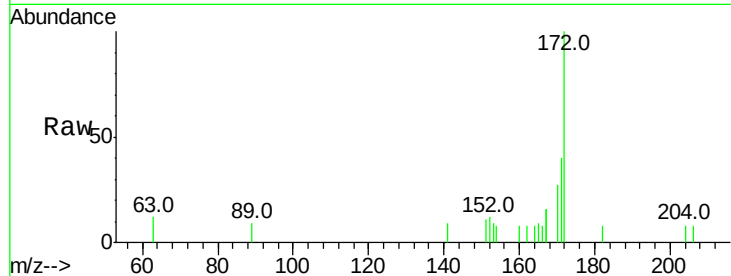




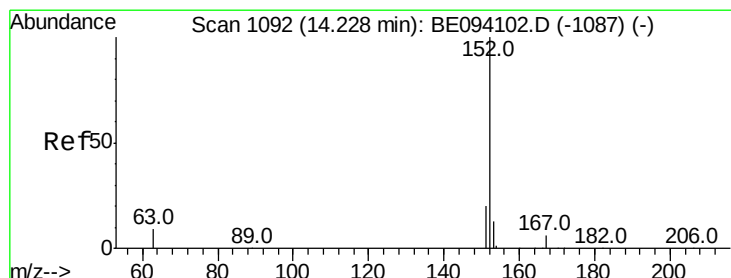
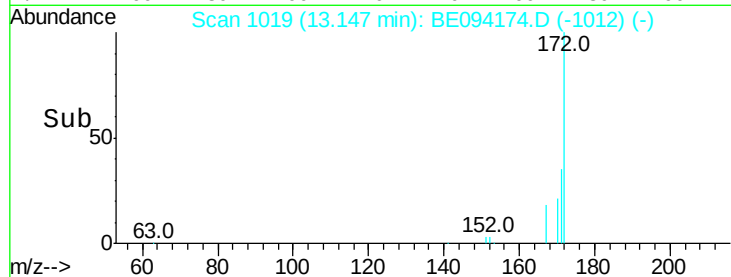
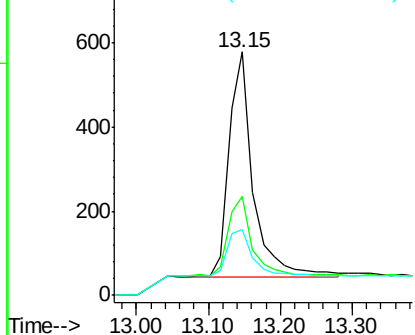
#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

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

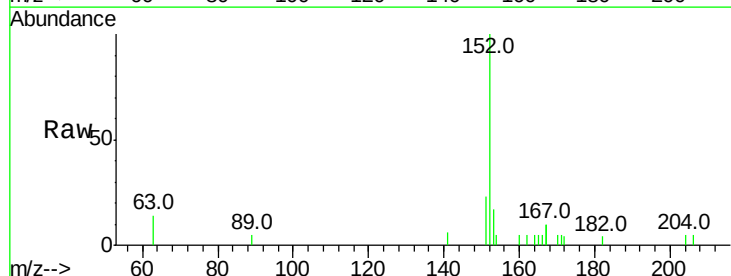


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

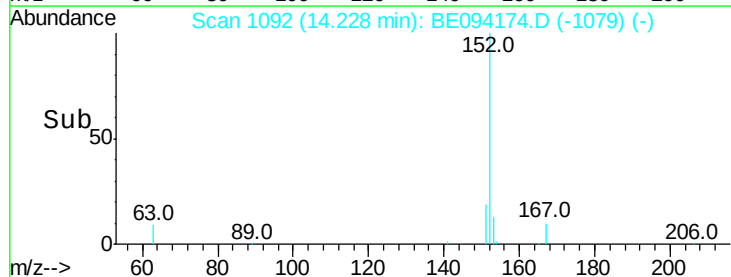
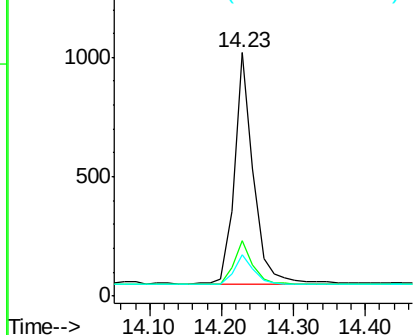


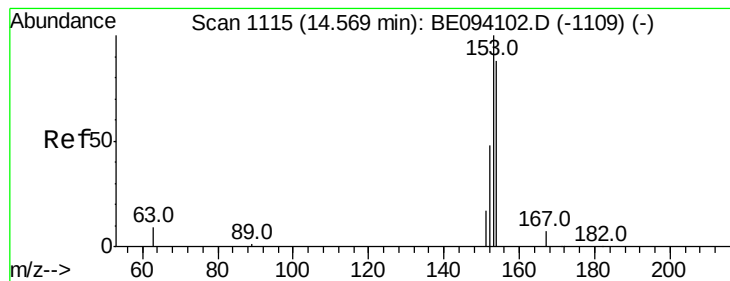
#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

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

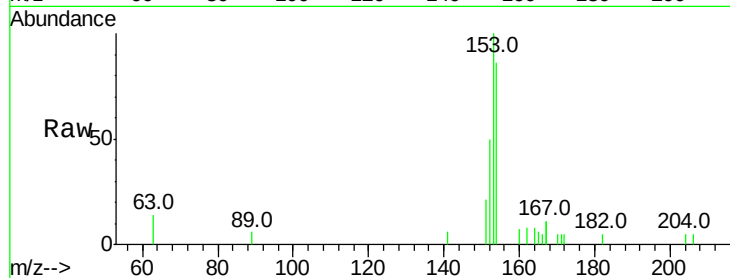
Tot Ion:154 Resp: 1239

Ion Ratio Lower Upper

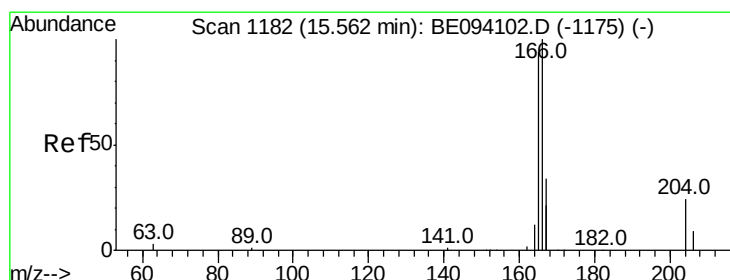
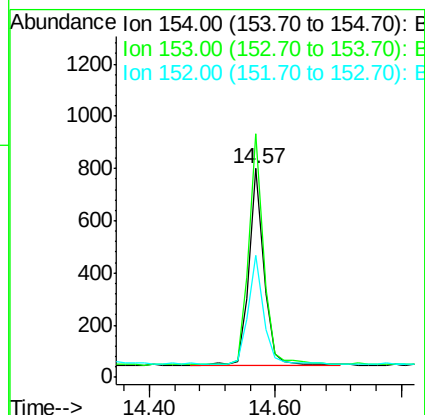
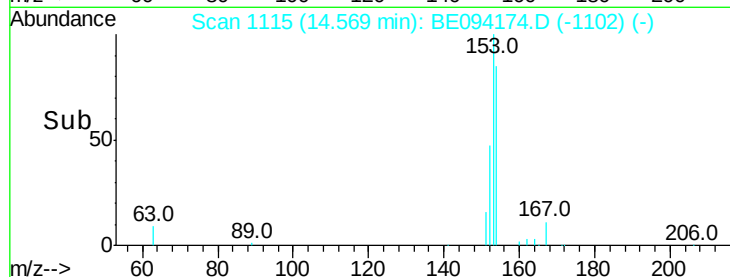
154 100

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

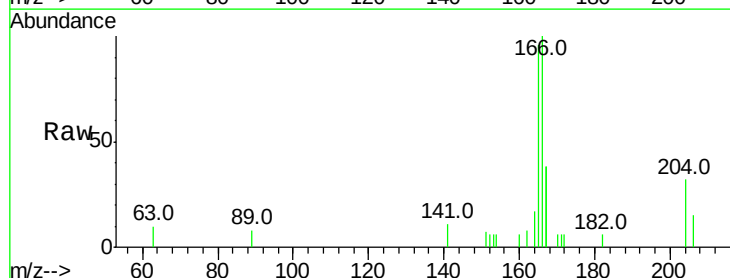
Tgt Ion:166 Resp: 1604

Ion Ratio Lower Upper

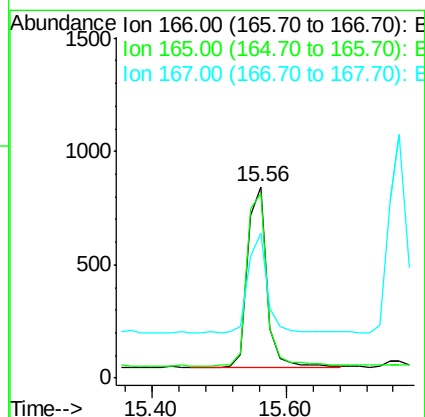
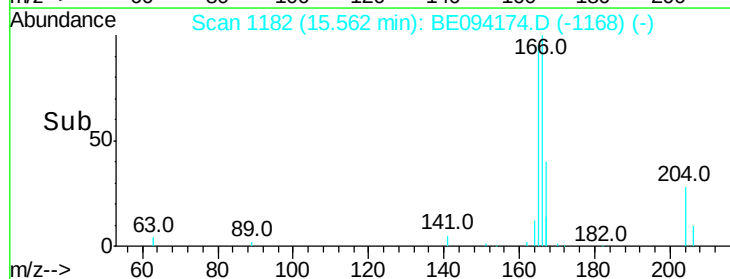
166 100

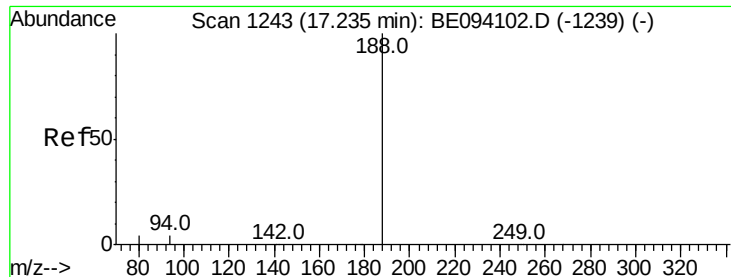
165 100.1 77.8 116.6

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

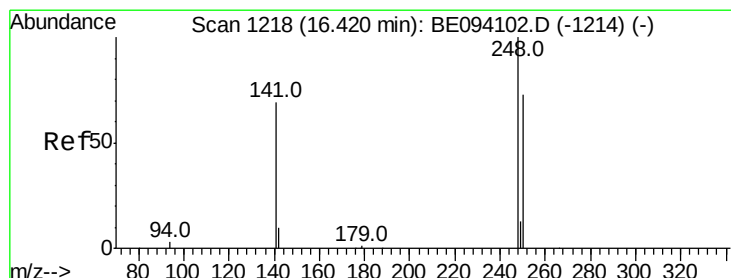
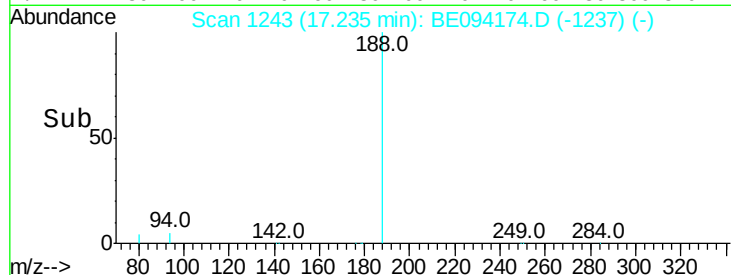
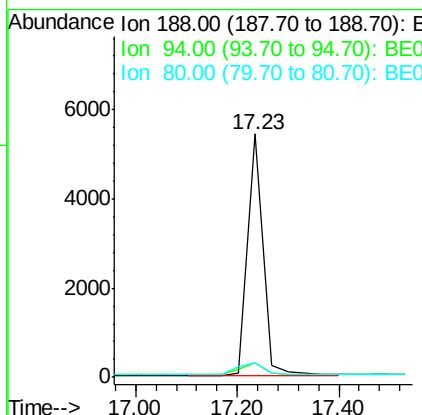
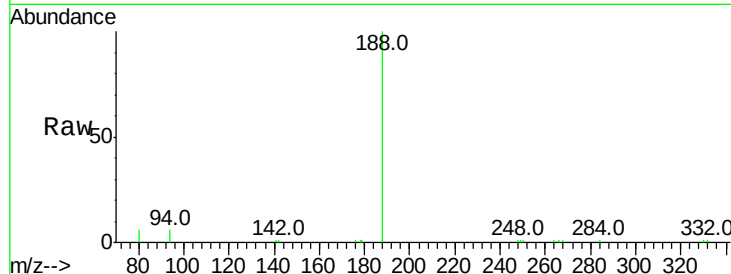




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

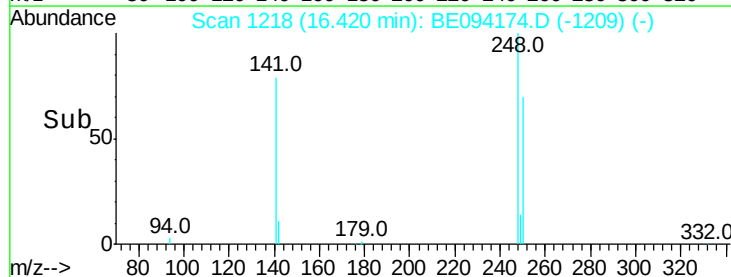
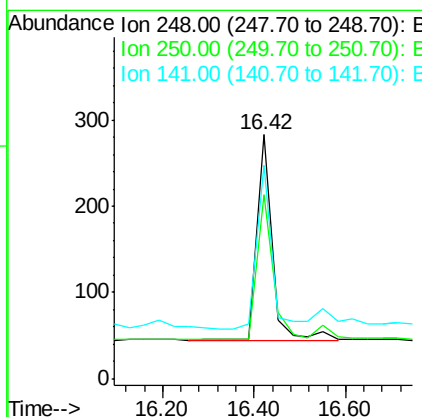
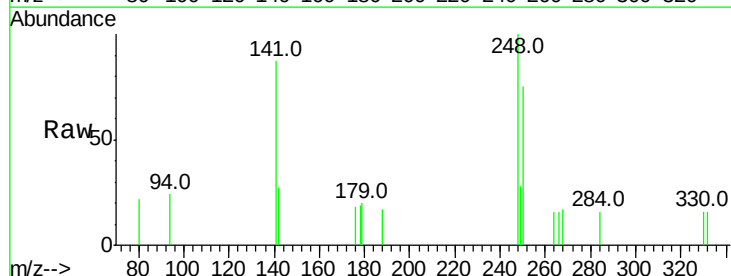
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

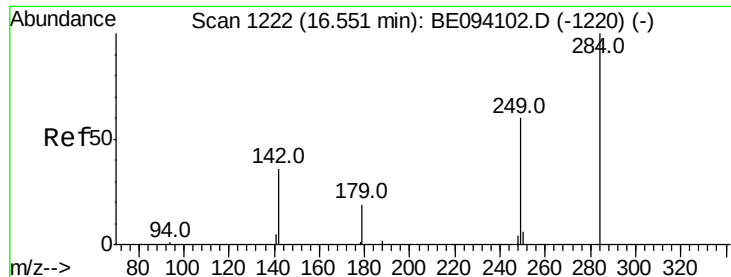
Tot Ion:188 Resp: 11398
Ion Ratio Lower Upper
188 100
94 6.0 3.9 5.9#
80 5.7 3.6 5.4#



#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

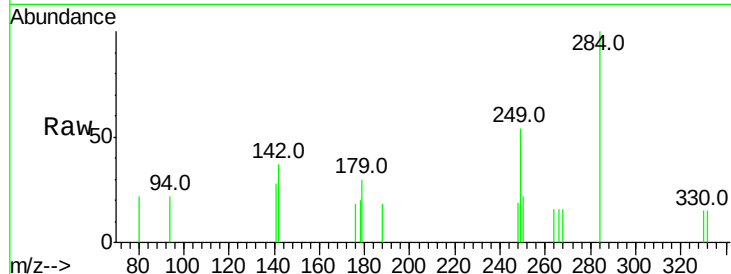
Tot Ion:284 Resp: 514

Ion Ratio Lower Upper

284 100

142 26.7 22.1 33.1

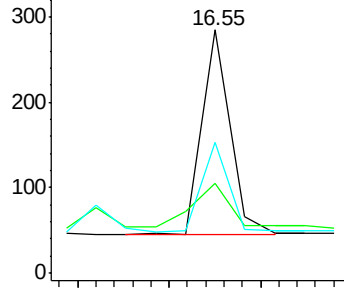
249 41.8 34.8 52.2



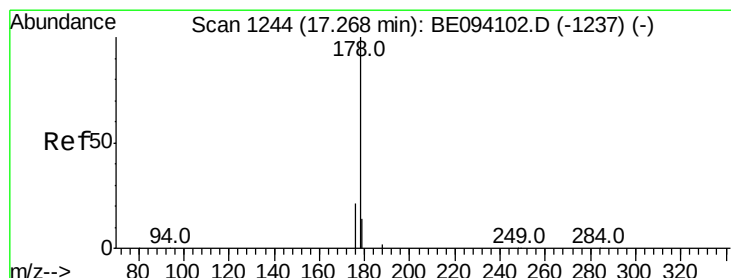
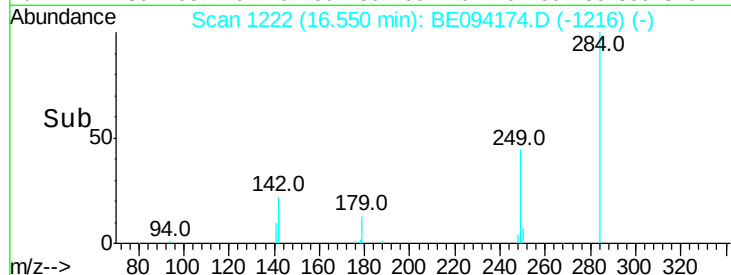
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#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

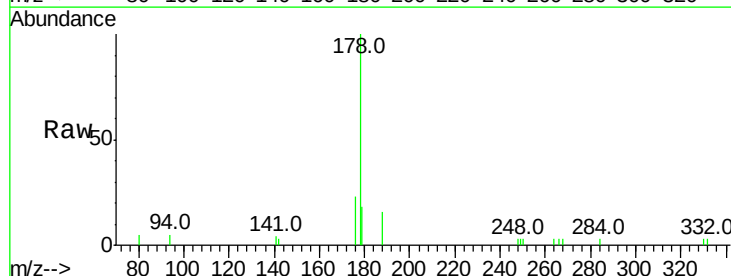
Tgt Ion:178 Resp: 3471

Ion Ratio Lower Upper

178 100

176 20.5 15.1 22.7

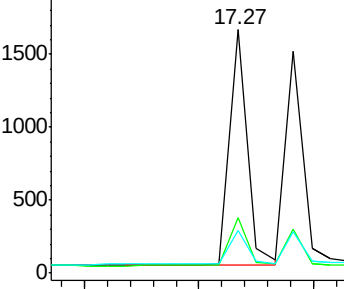
179 15.2 11.8 17.6



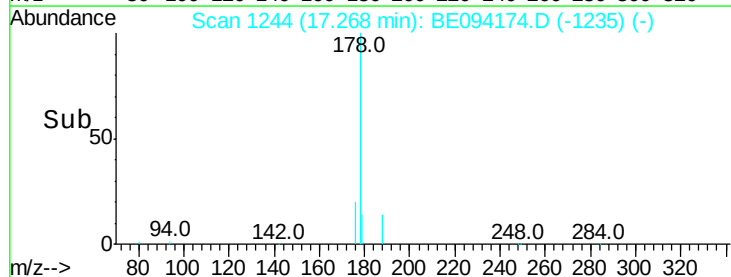
Abundance Ion 178.00 (177.70 to 178.70): E

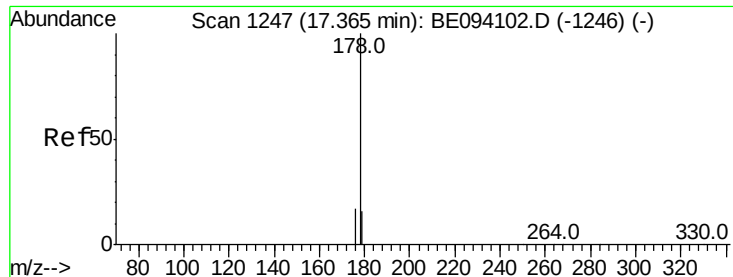
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

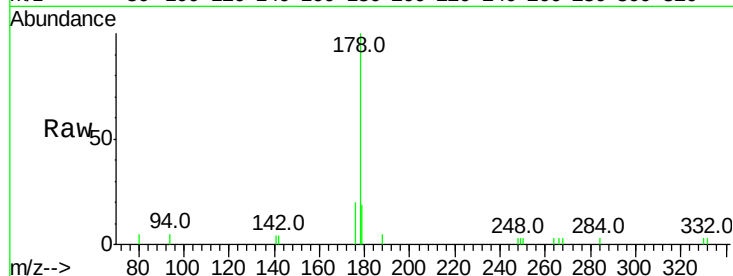
Tot Ion:178 Resp: 3151

Ion Ratio Lower Upper

178 100

176 17.3 12.8 19.2

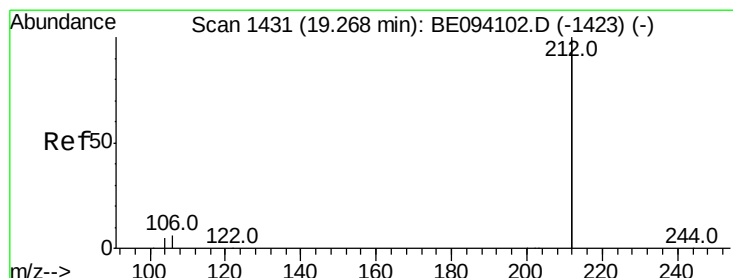
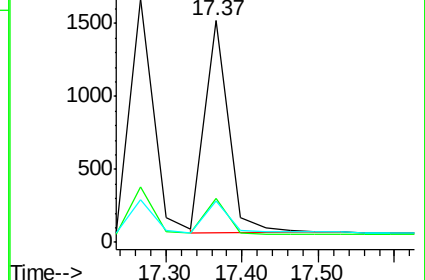
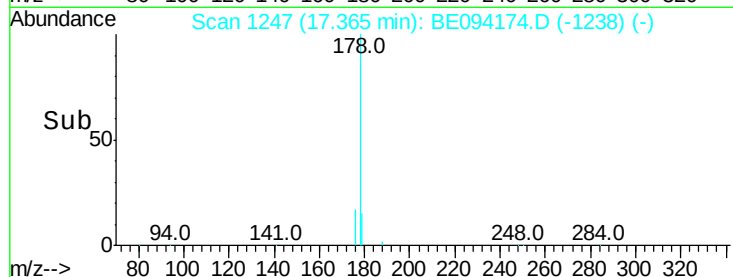
179 15.4 13.0 19.6



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

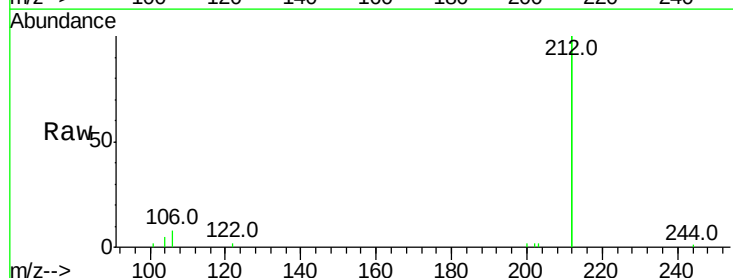
Tgt Ion:212 Resp: 10761

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

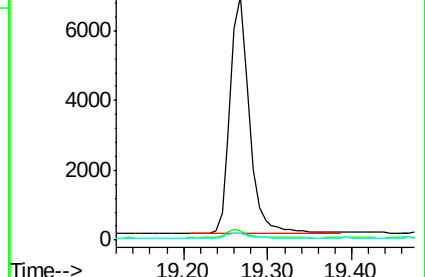
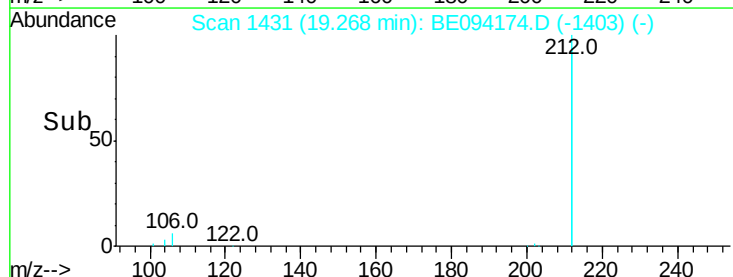
104 2.1 1.6 2.4

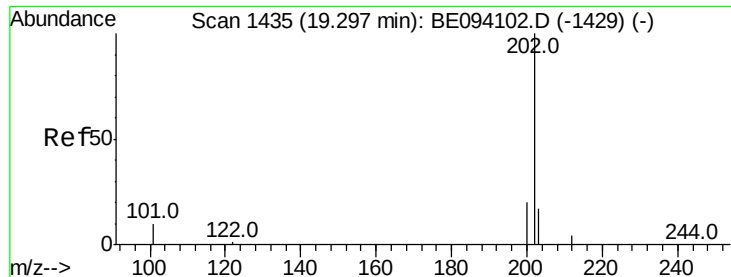


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

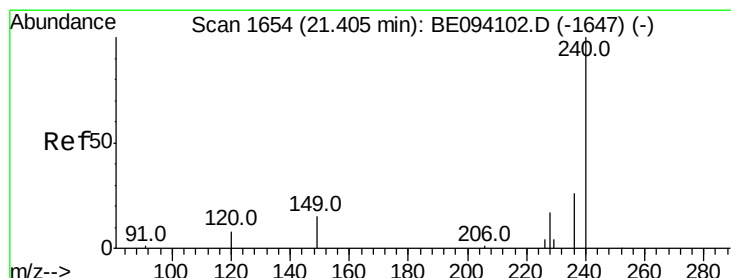
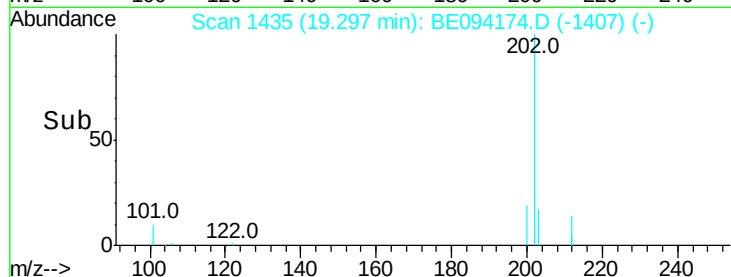
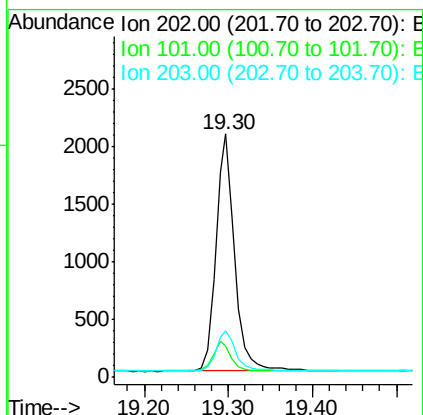
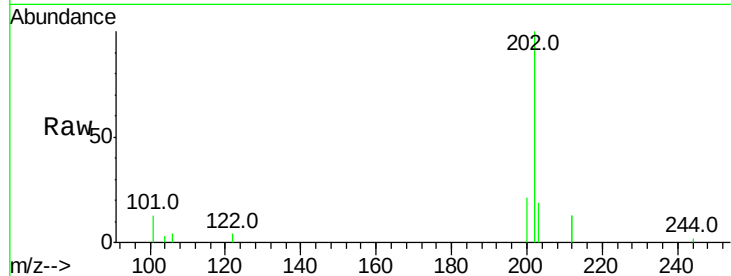




#26
 Fluoranthene
 Concen: 0.098 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BE094174.D
 Acq: 6 Oct 2017 11:23

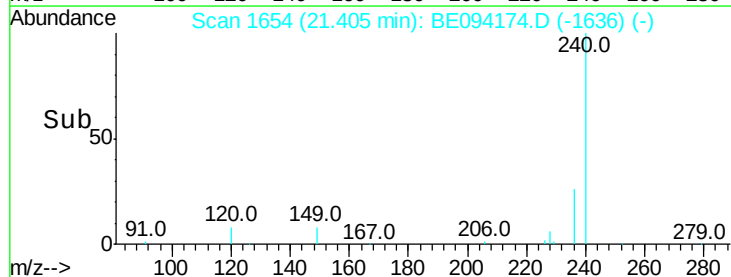
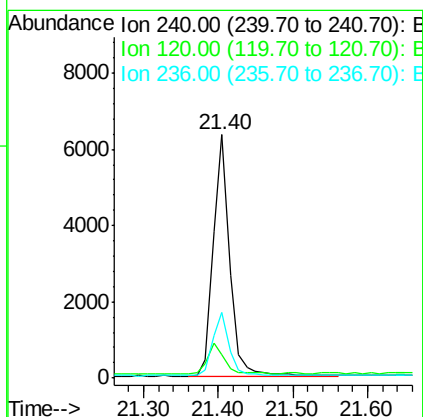
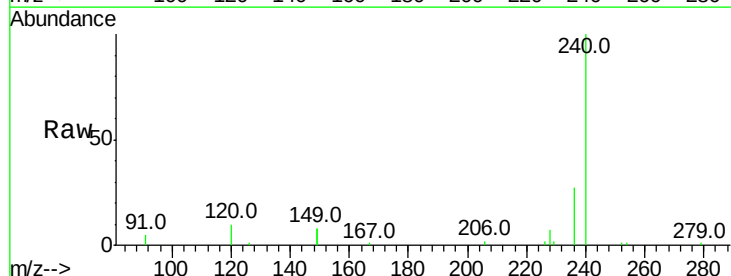
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

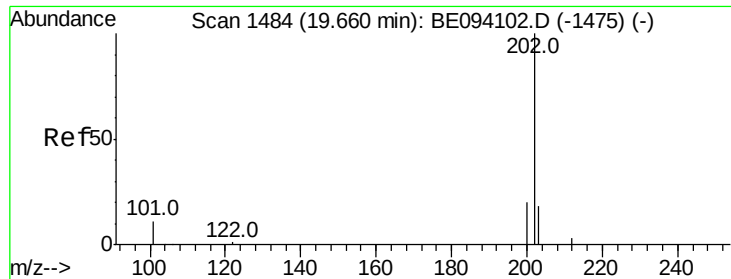
Tot Ion:202 Resp: 3210
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.8
 203 17.4 13.7 20.5



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

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

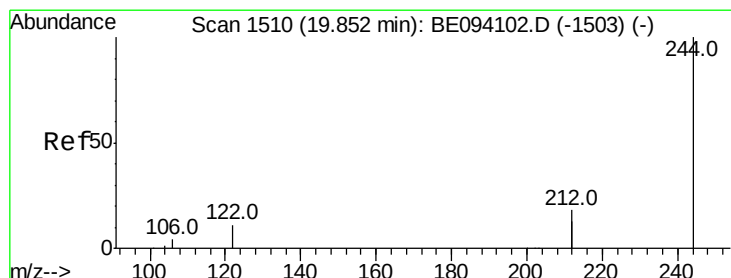
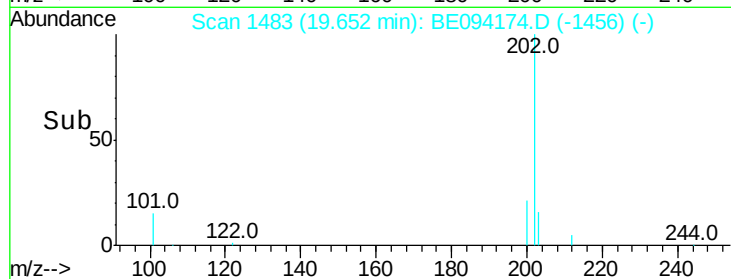
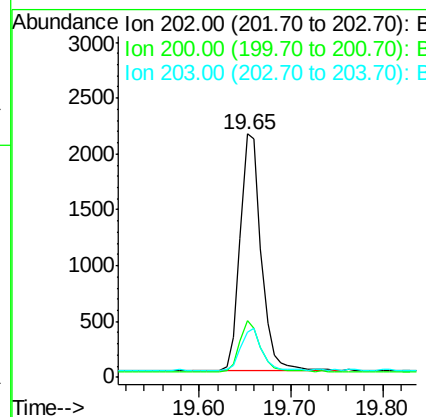
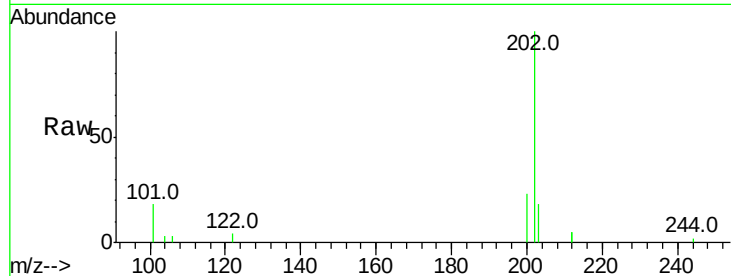




#28
Pvrene
Concen: 0.112 ng
RT: 19.65 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

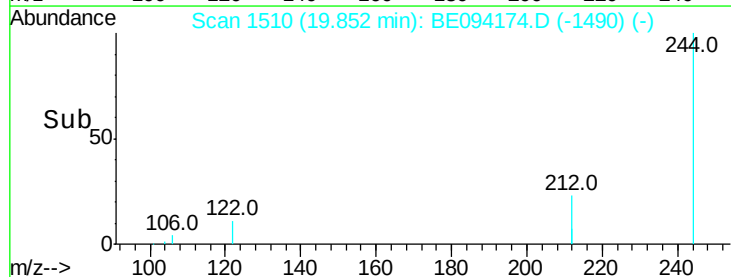
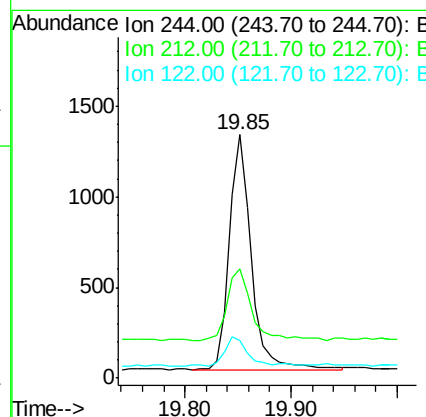
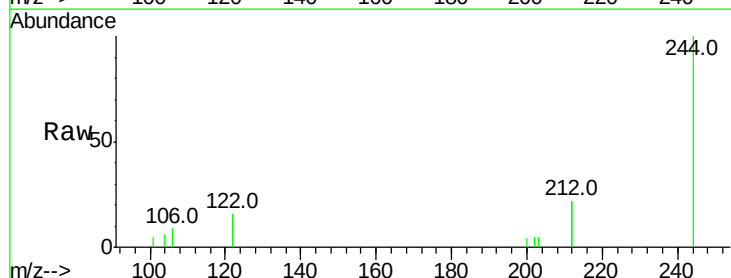
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

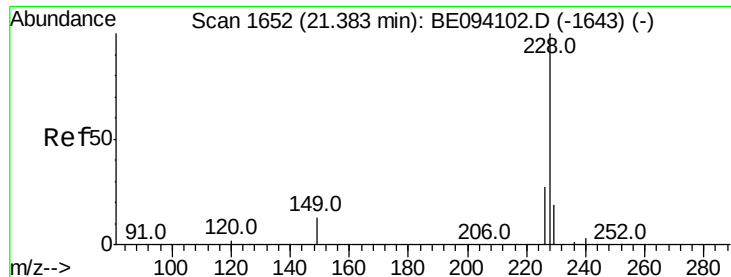
Tot Ion:202 Resp: 3421
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.4 13.8 20.8



#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

Tgt Ion:244 Resp: 1889
Ion Ratio Lower Upper
244 100
212 44.7 25.4 38.0#
122 15.6 8.1 12.1#





#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

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

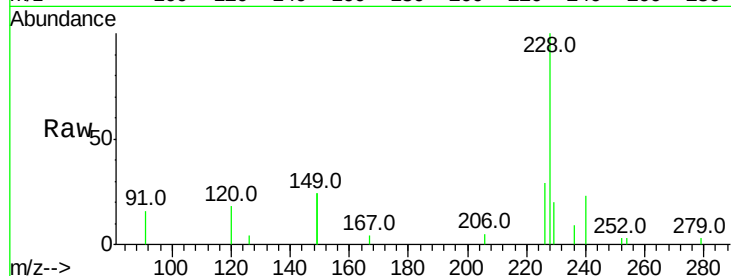
Tot Ion:228 Resp: 3242

Ion Ratio Lower Upper

228 100

226 28.8 21.4 32.0

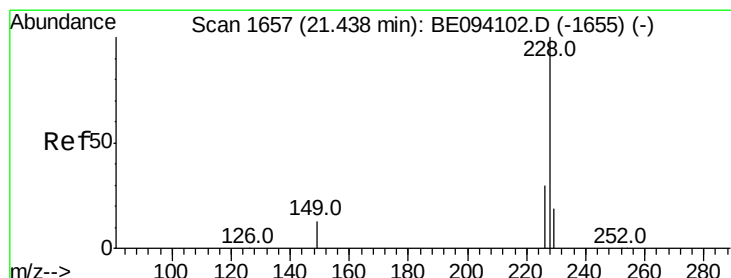
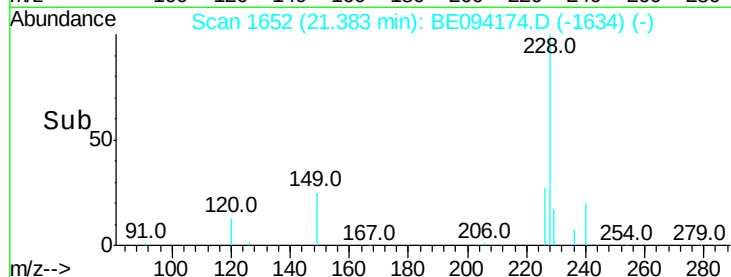
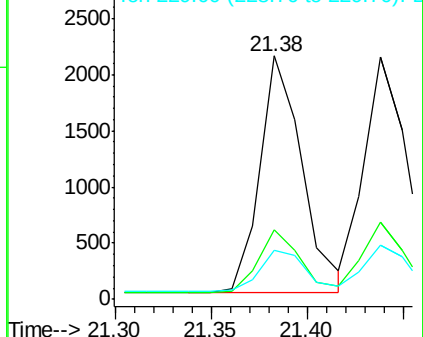
229 20.2 16.4 24.6



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

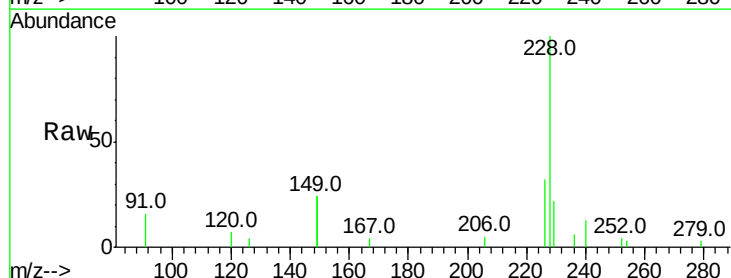
Tgt Ion:228 Resp: 3329

Ion Ratio Lower Upper

228 100

226 31.8 23.6 35.4

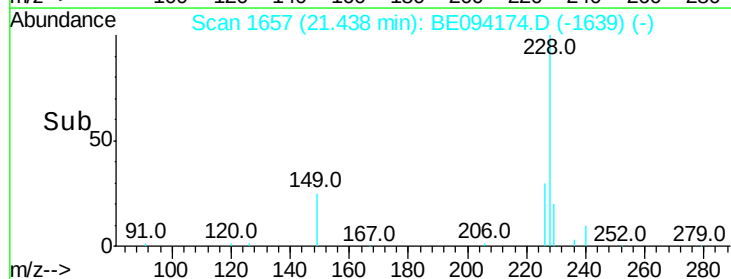
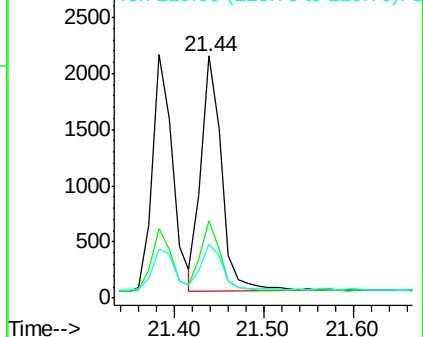
229 22.3 16.4 24.6

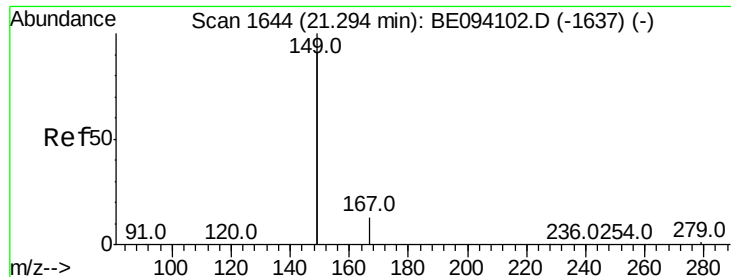


Abundance Ion 228.00 (227.70 to 228.70): E

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

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

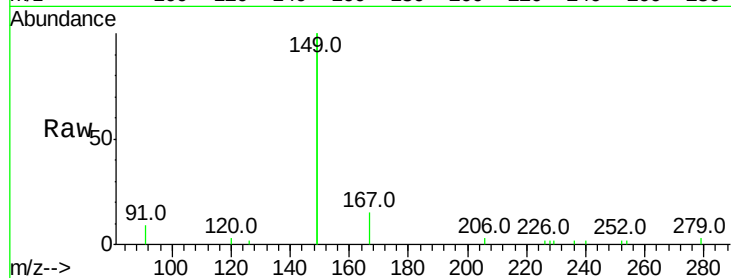
Tot Ion:149 Resp: 8914

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

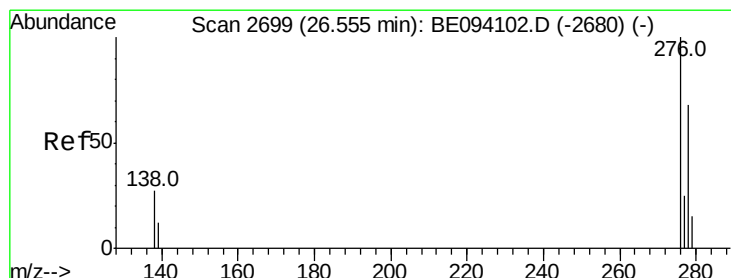
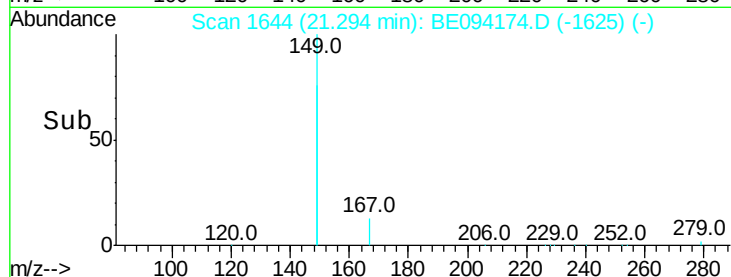
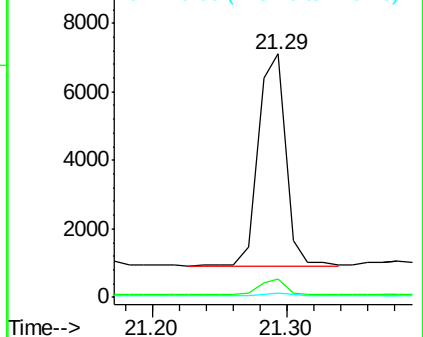
279 1.0 0.7 1.1



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

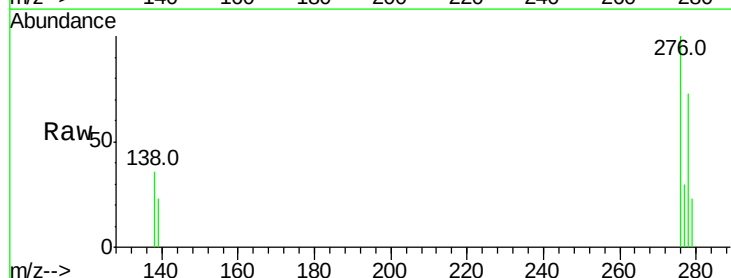
Tgt Ion:276 Resp: 3198

Ion Ratio Lower Upper

276 100

138 26.3 22.5 33.7

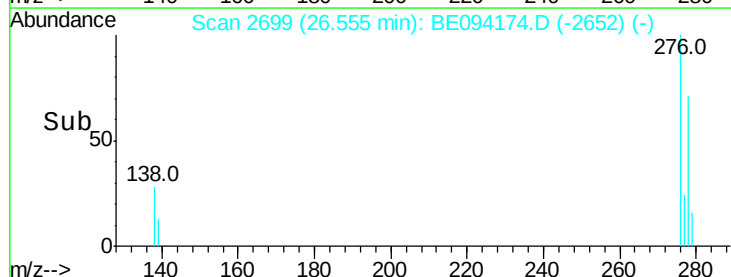
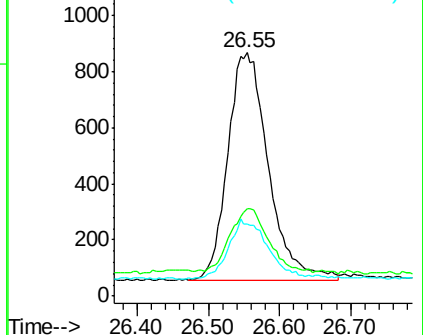
277 25.8 19.9 29.9

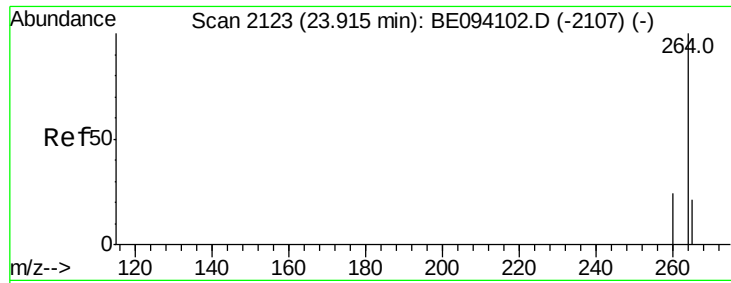


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

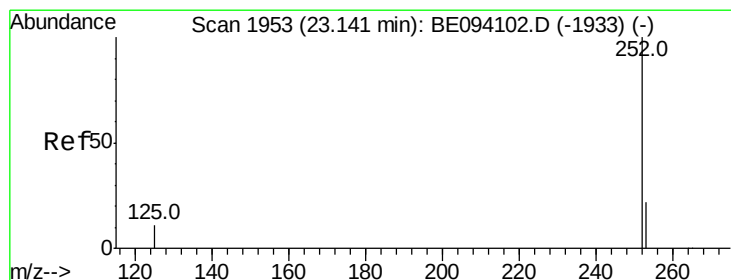
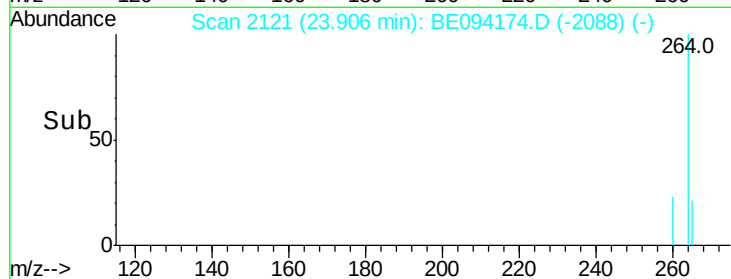
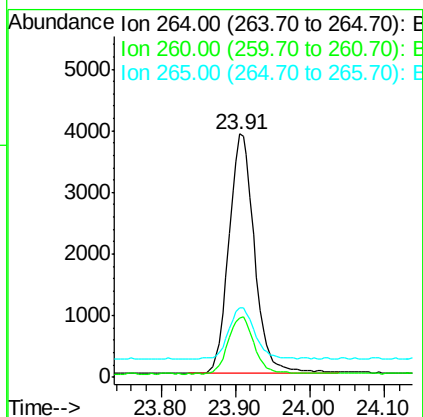
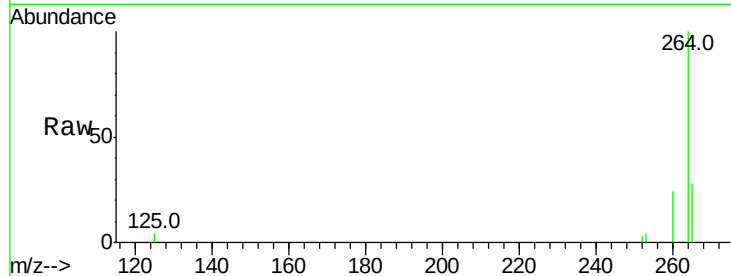




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

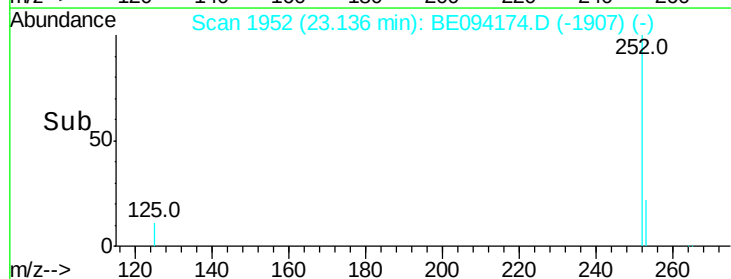
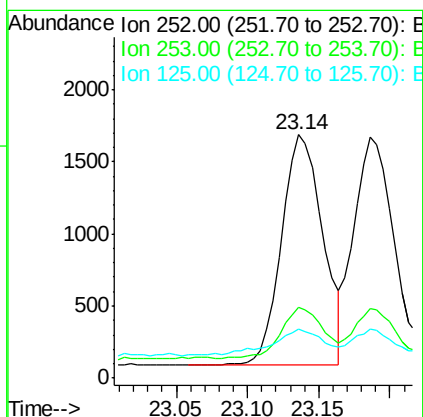
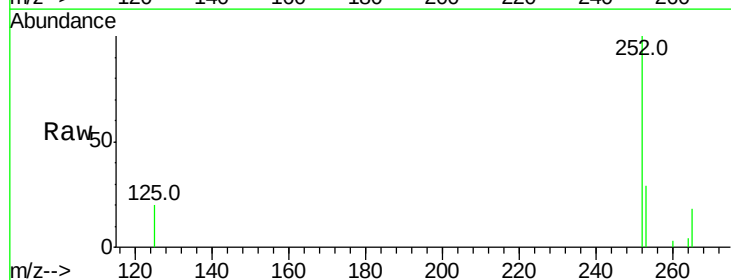
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

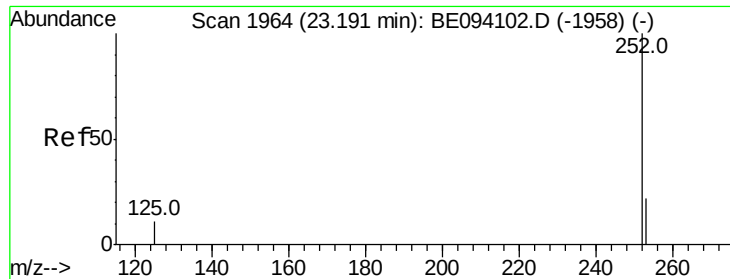
Tot Ion:264 Resp: 9274
Ion Ratio Lower Upper
264 100
260 24.5 20.5 30.7
265 28.4 22.8 34.2



#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

Tgt Ion:252 Resp: 3196
Ion Ratio Lower Upper
252 100
253 29.2 18.2 27.2#
125 19.9 10.1 15.1#

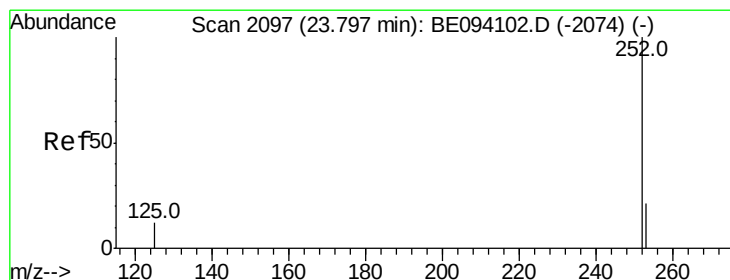
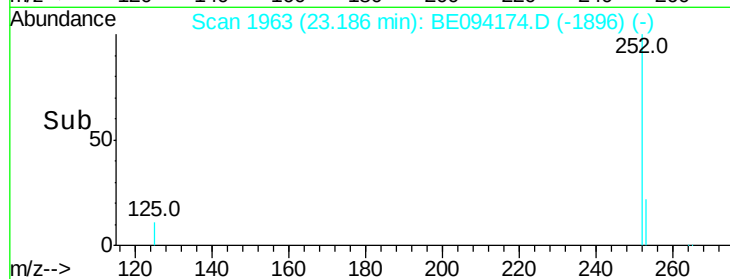
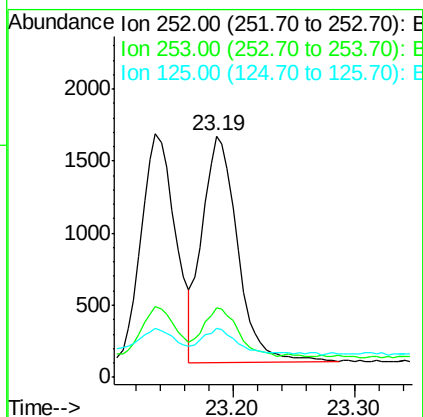
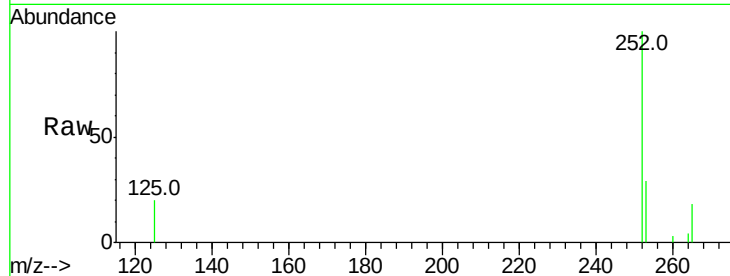




#36
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 23.19 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BE094174.D
Acq: 6 Oct 2017 11:23

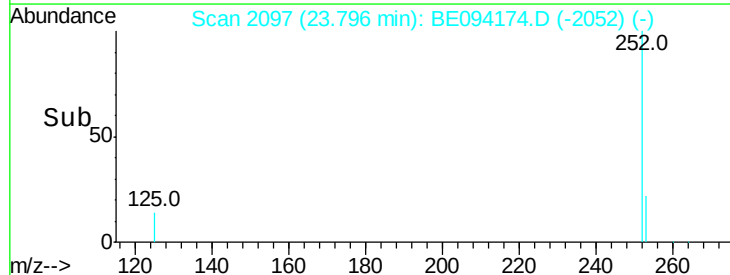
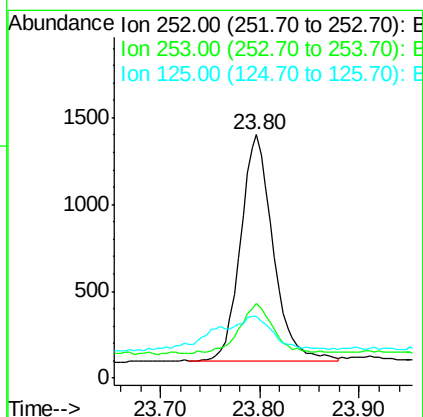
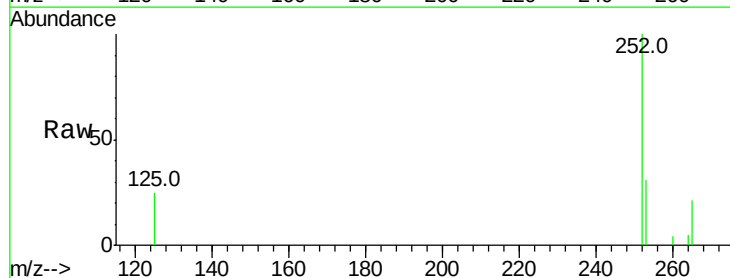
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

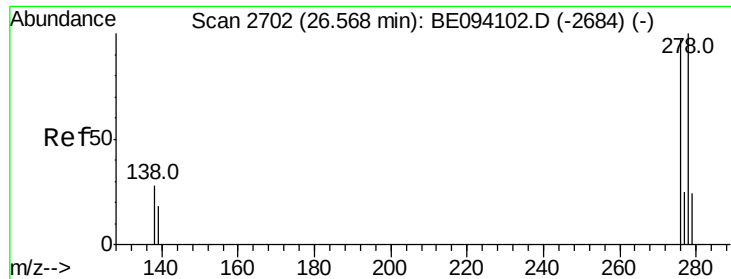
Tot Ion:252 Resp: 3213
Ion Ratio Lower Upper
252 100
253 28.6 18.6 27.8#
125 20.4 10.7 16.1#



#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

Tgt Ion:252 Resp: 3003
Ion Ratio Lower Upper
252 100
253 30.7 19.0 28.6#
125 25.2 11.8 17.8#





#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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

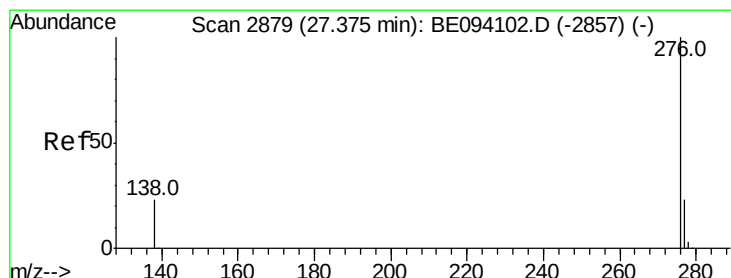
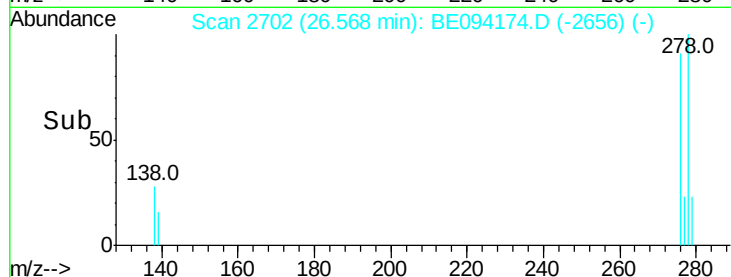
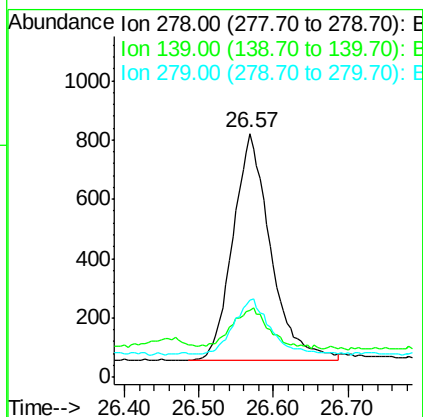
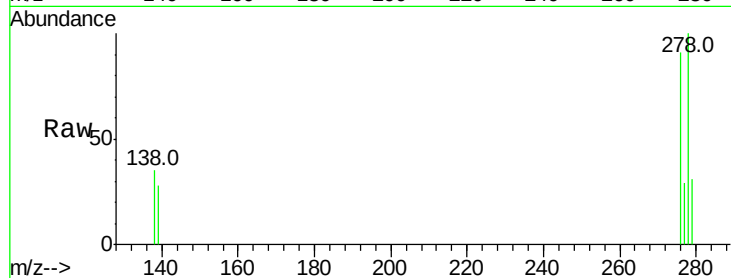
Tot Ion:278 Resp: 2685

Ion Ratio Lower Upper

278 100

139 27.6 16.3 24.5#

279 31.4 19.9 29.9#



#39

Benzo(g,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

Tgt Ion:276 Resp: 2799

Ion Ratio Lower Upper

276 100

277 29.5 20.8 31.2

138 33.4 21.5 32.3#

