

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094179.D
 Acq On : 6 Oct 2017 14:28
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 06 15:10:15 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 12:02:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1344	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6495	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3798	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10472	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10583	0.40	ng	0.00
34) Perylene-d12	23.91	264	9417	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	14343	2.82	ng	0.00
5) Phenol-d6	7.07	99	21097	2.98	ng	-0.01
8) Nitrobenzene-d5	9.05	82	18143	2.89	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	31697	3.17	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	6258	2.57	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	41352	3.30	ng	0.00
25) Fluoranthene-d10	19.26	212	346789	3.42	ng	0.00
29) Terphenyl-d14	19.84	244	61098	3.16	ng	0.00

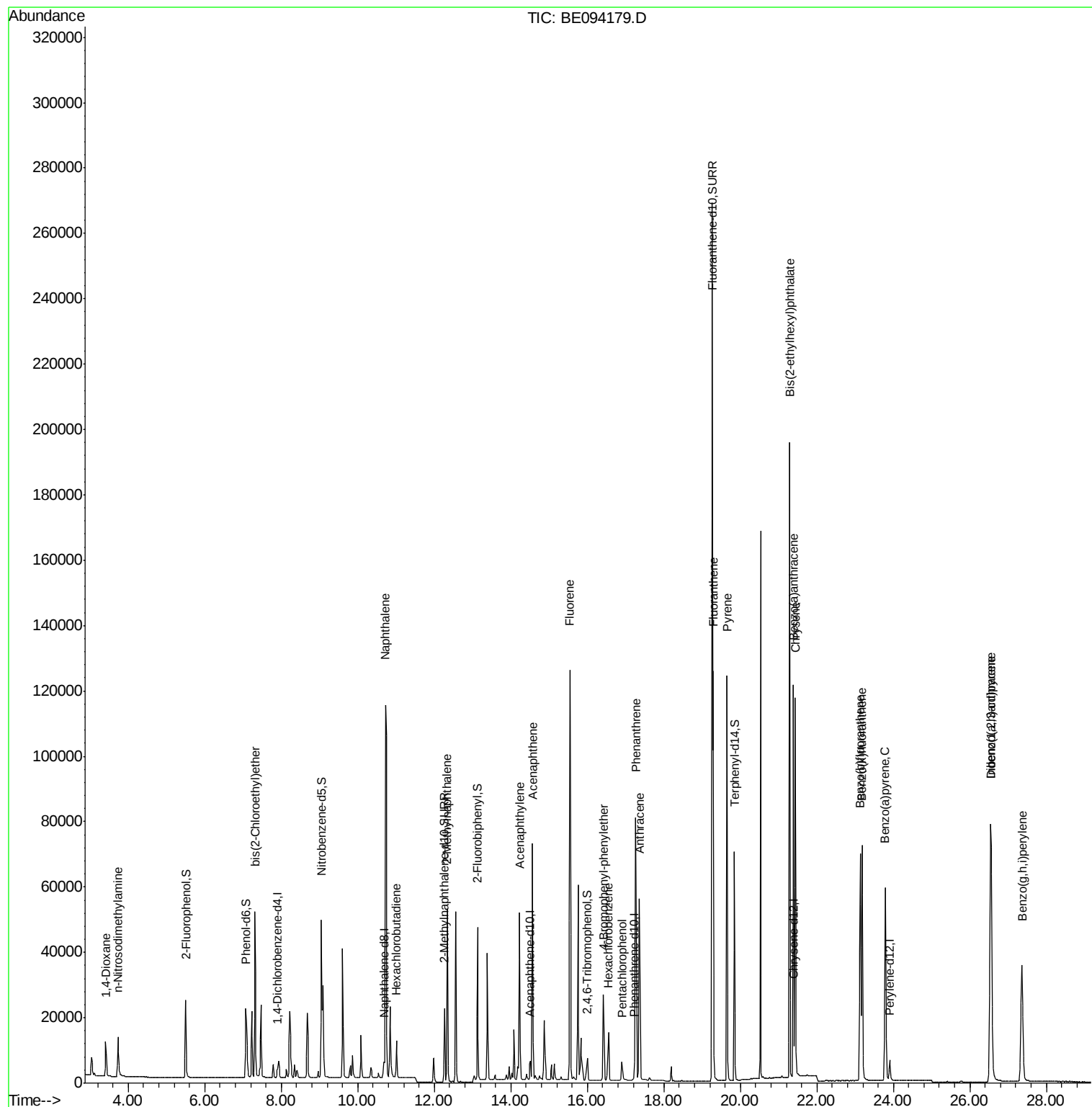
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	6986	2.667	ng	# 81
3) n-Nitrosodimethylamine	3.73	42	8753	2.615	ng	# 94
6) bis(2-Chloroethyl)ether	7.31	93	16659	3.037	ng	90
9) Naphthalene	10.72	128	229647	3.131	ng	99
10) Hexachlorobutadiene	11.01	225	8692	3.162	ng	98
12) 2-Methylnaphthalene	12.34	142	38115	3.210	ng	98
16) Acenaphthylene	14.23	152	63543	3.338	ng	100
17) Acenaphthene	14.57	154	39812	3.347	ng	98
18) Fluorene	15.55	166	52659	3.262	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	20601	4.795	ng	# 74
21) Hexachlorobenzene	16.55	284	17851	6.583	ng	# 86
22) Pentachlorophenol	16.91	266	5388	2.169	ng	# 69
23) Phenanthrene	17.27	178	122537	4.573	ng	99
24) Anthracene	17.37	178	83669	2.977	ng	97
26) Fluoranthene	19.29	202	107885	3.594	ng	100
28) Pyrene	19.65	202	110706	3.301	ng	100
30) Benzo(a)anthracene	21.38	228	108417	3.042	ng	99
31) Chrysene	21.44	228	104290	3.032	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	239561	1.404	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	106990	2.907	ng	99
35) Benzo(b)fluoranthene	23.13	252	98984	2.913	ng	98
36) Benzo(k)fluoranthene	23.18	252	105808	3.252	ng	97
37) Benzo(a)pyrene	23.79	252	96106	3.130	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	91193	3.137	ng	96
39) Benzo(g,h,i)perylene	27.36	276	91277	3.172	ng	95

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

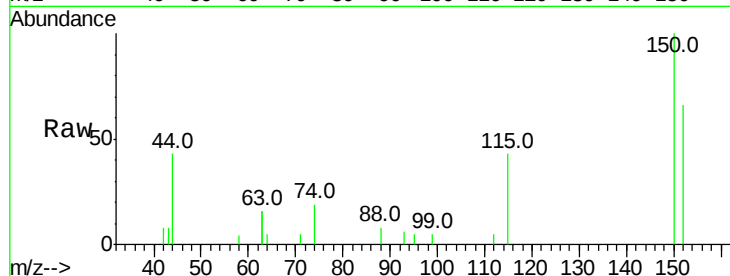
Tot Ion:152 Resp: 1344

Ion Ratio Lower Upper

152 100

150 151.7 117.2 175.8

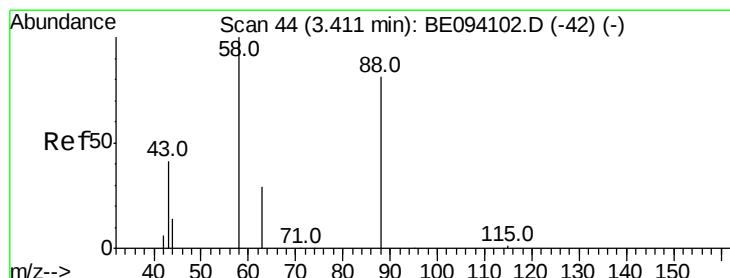
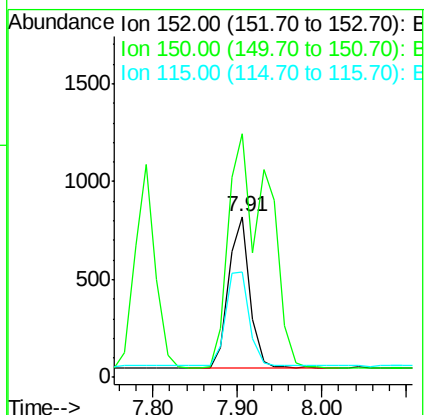
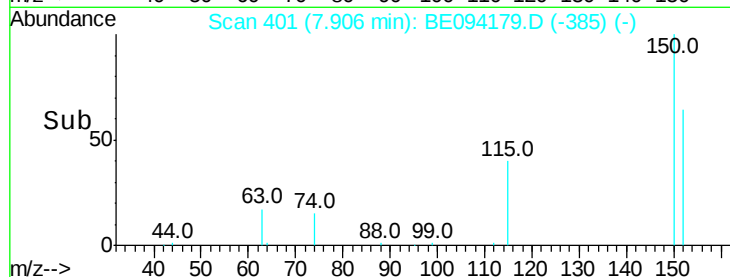
115 65.5 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.667 ng

RT: 3.41 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

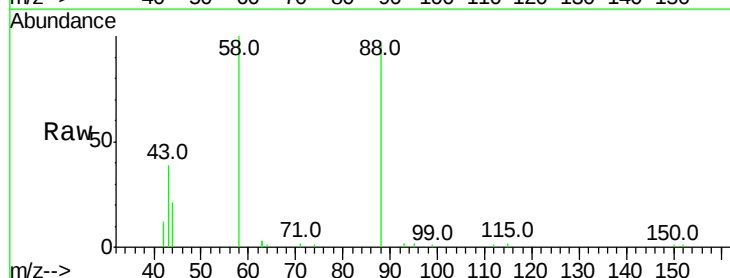
Tgt Ion: 88 Resp: 6986

Ion Ratio Lower Upper

88 100

58 91.4 63.2 94.8

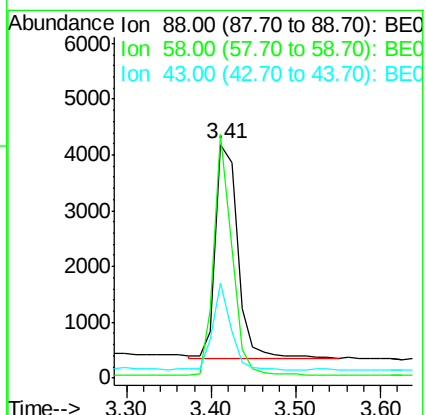
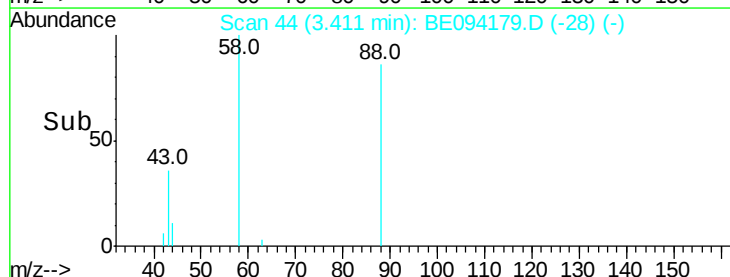
43 33.8 41.2 61.8#



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



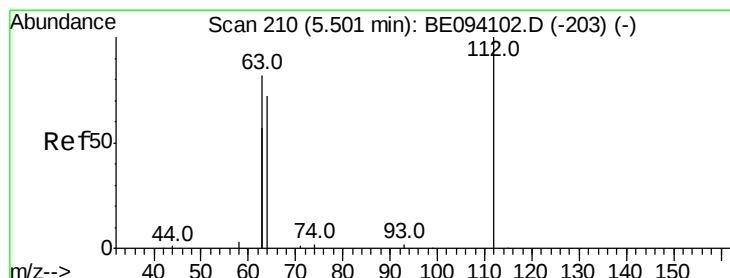
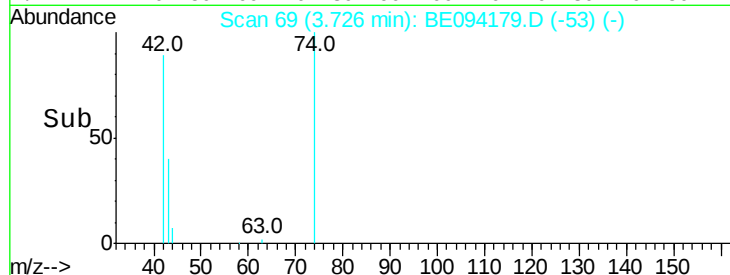
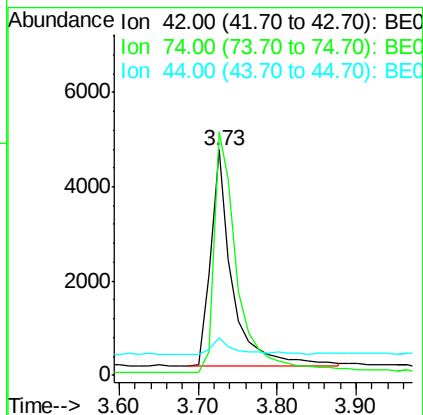
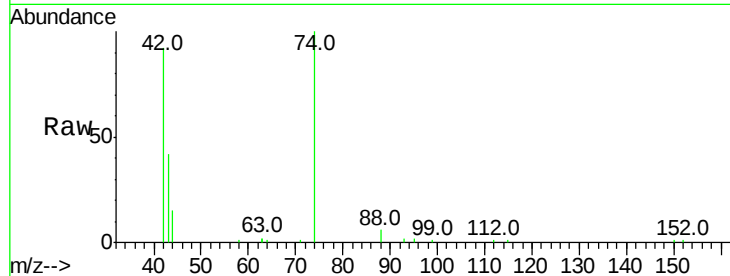


#3

n-Nitrosodimethylamine
 Concen: 2.615 ng
 RT: 3.73 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE094179.D
 Acq: 6 Oct 2017 14:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

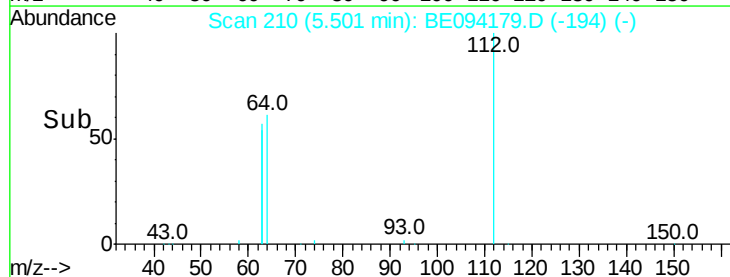
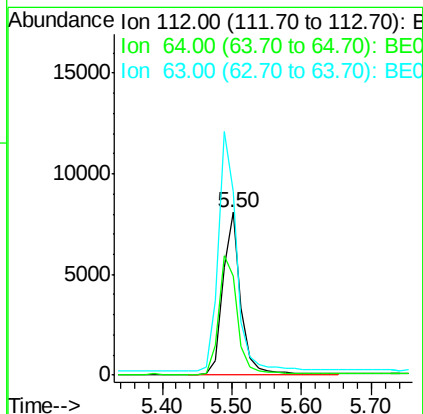
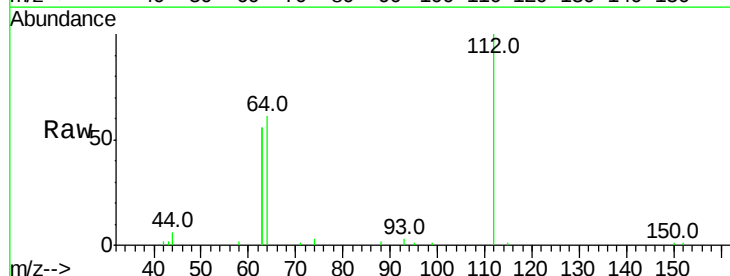
Tot Ion: 42 Resp: 8753
 Ion Ratio Lower Upper
 42 100
 74 122.2 100.3 150.5
 44 9.0 17.0 25.4#

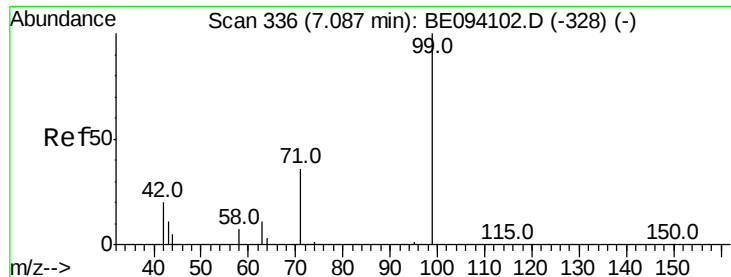


#4

2-Fluorophenol
 Concen: 2.815 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094179.D
 Acq: 6 Oct 2017 14:28

Tgt Ion: 112 Resp: 14343
 Ion Ratio Lower Upper
 112 100
 64 76.6 60.1 90.1
 63 151.0 116.8 175.2





#5

Phenol-d6

Concen: 2.981 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

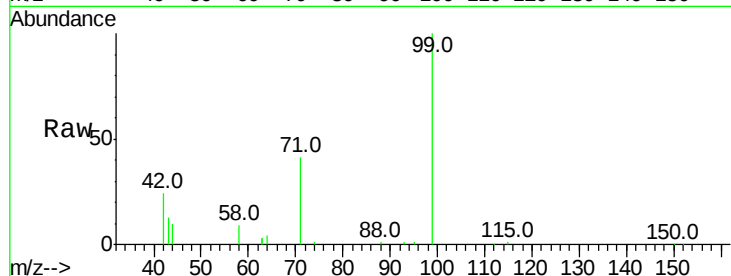
Tot Ion: 99 Resp: 21097

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

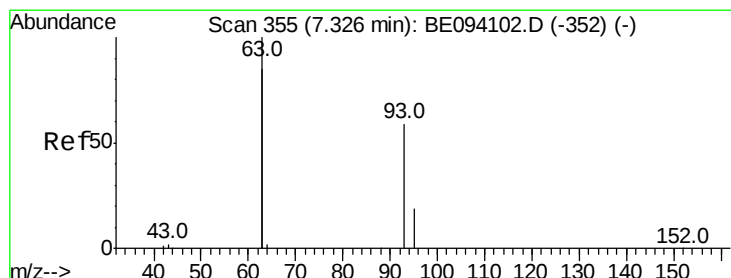
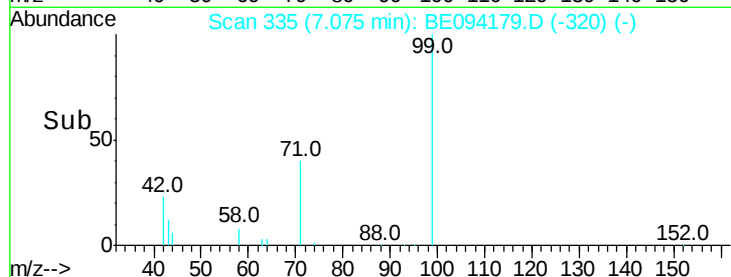
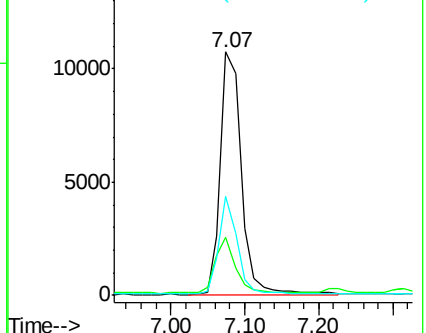
71 35.9 28.4 42.6



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: 3.037 ng

RT: 7.31 min Scan# 354

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

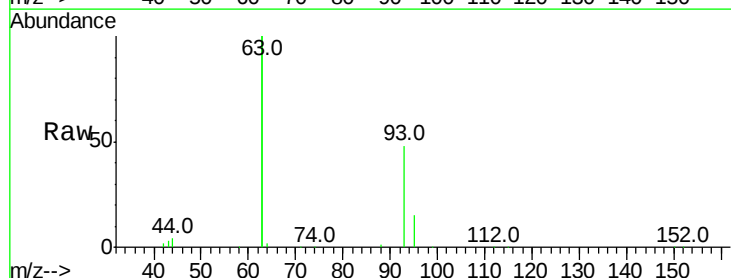
Tgt Ion: 93 Resp: 16659

Ion Ratio Lower Upper

93 100

63 367.0 275.3 412.9

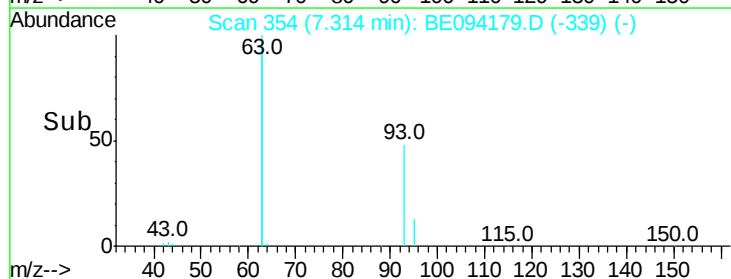
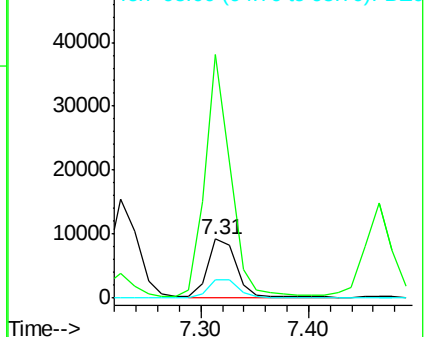
95 32.1 25.2 37.8



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: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 6495

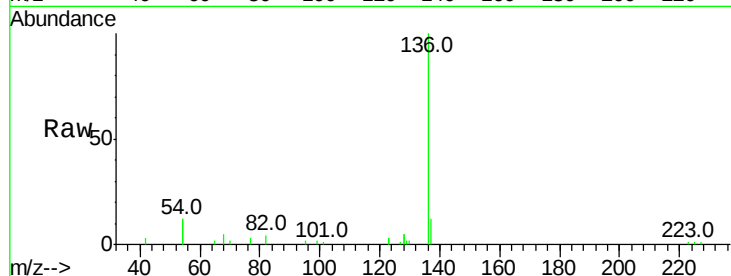
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 23.3 29.1 43.7#

68 5.0 6.2 9.2#

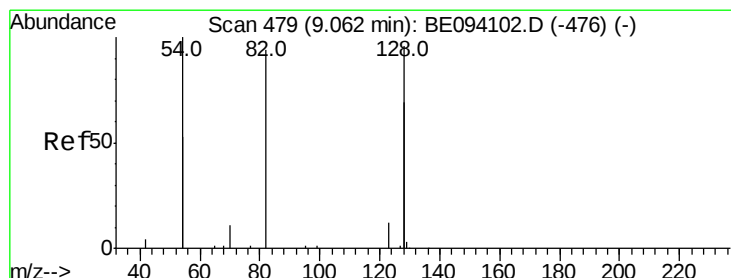
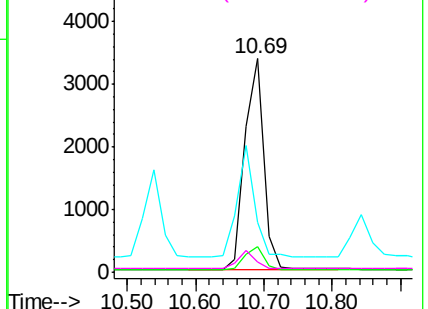
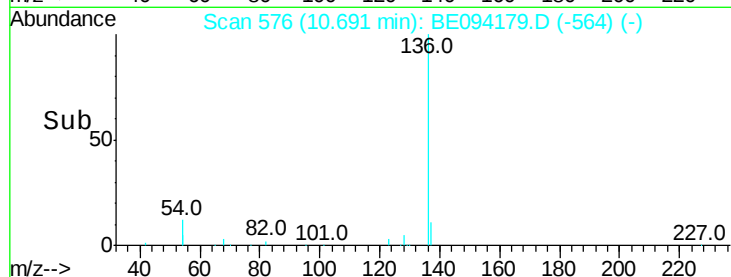


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 2.887 ng

RT: 9.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

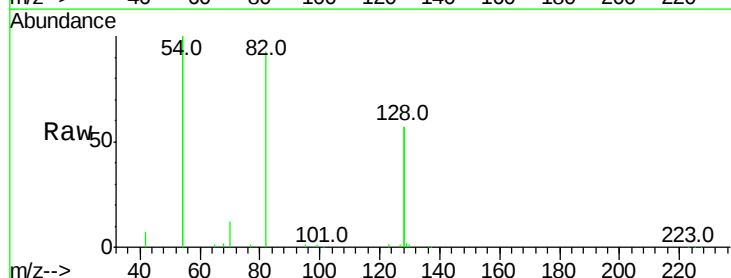
Tgt Ion: 82 Resp: 18143

Ion Ratio Lower Upper

82 100

128 122.5 150.0 225.0#

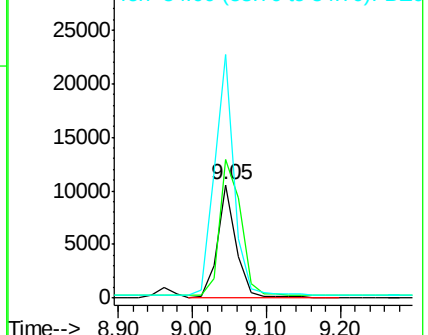
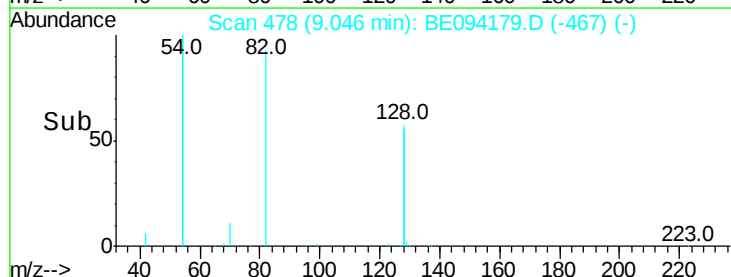
54 214.9 154.2 231.4

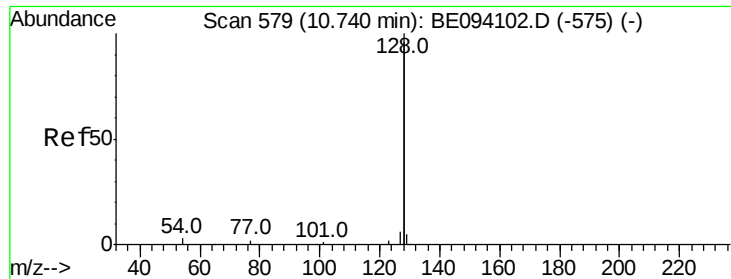


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.131 ng

RT: 10.72 min Scan# 578

Delta R.T. -0.02 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

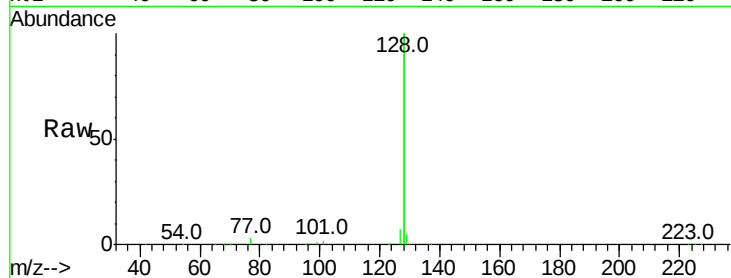
Tot Ion:128 Resp: 229647

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

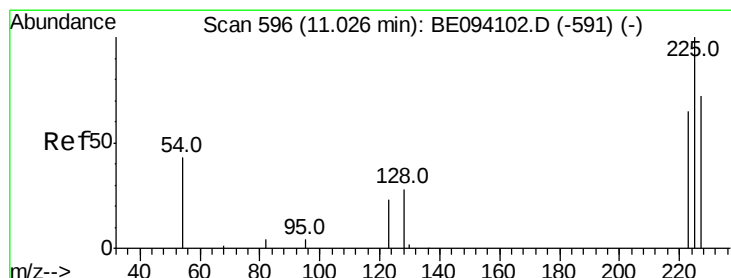
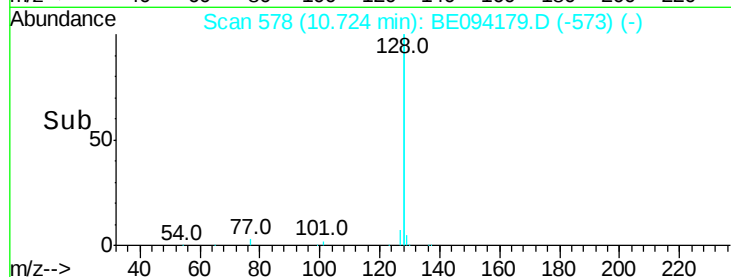
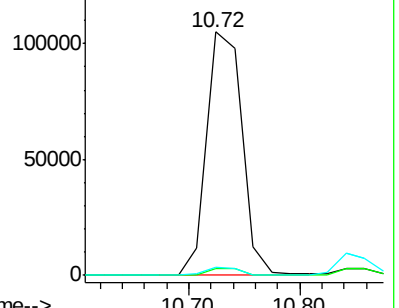
127 3.5 2.8 4.2



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: 3.162 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

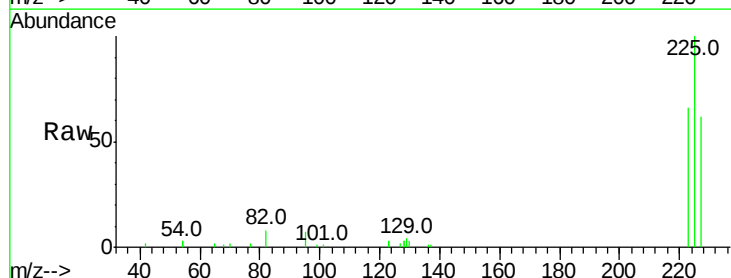
Tgt Ion:225 Resp: 8692

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

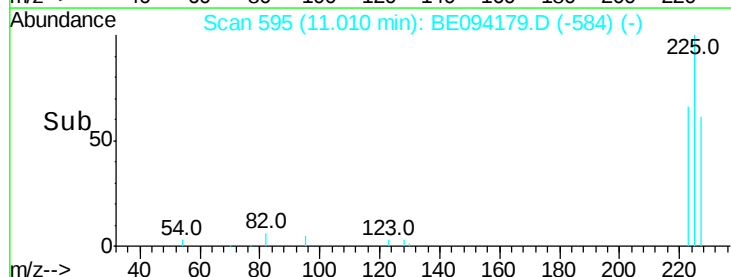
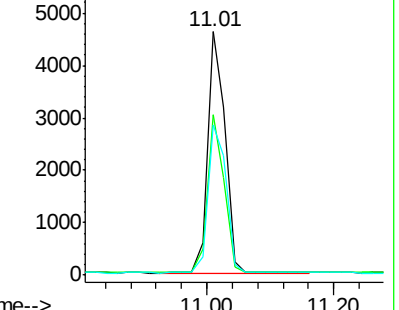
227 64.5 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.167 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

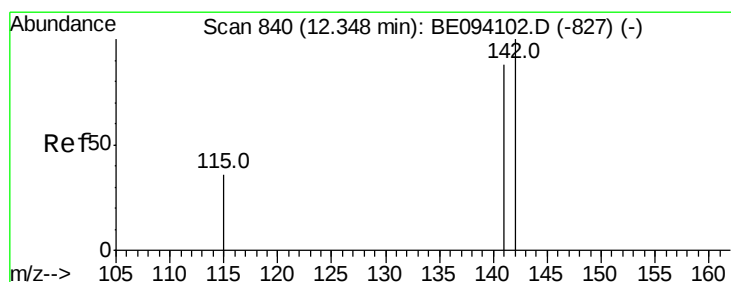
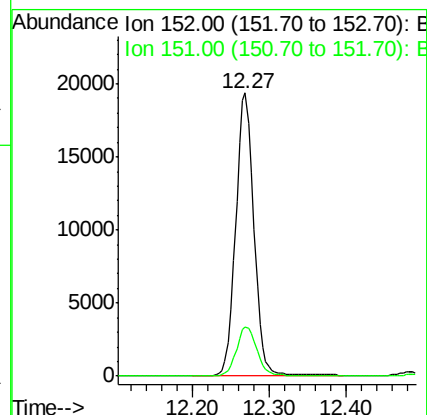
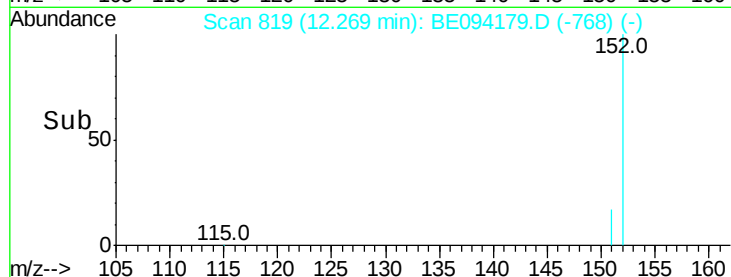
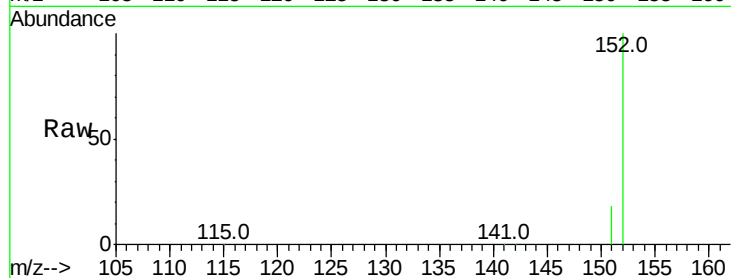
SSTDICC3.2

Tot Ion:152 Resp: 31697

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.210 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

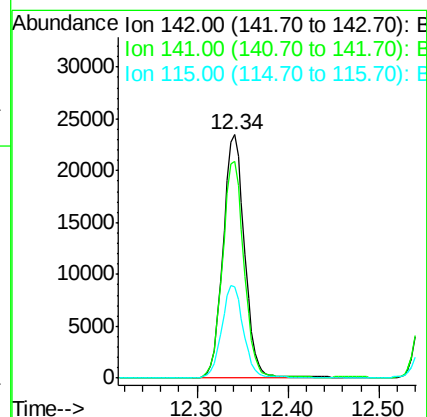
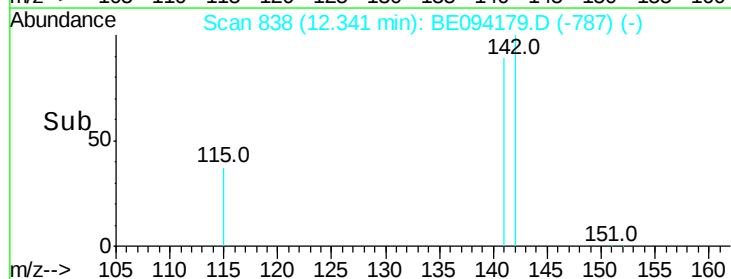
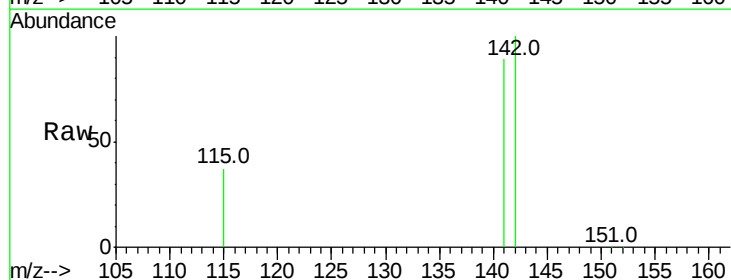
Tgt Ion:142 Resp: 38115

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6

115 37.3 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: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

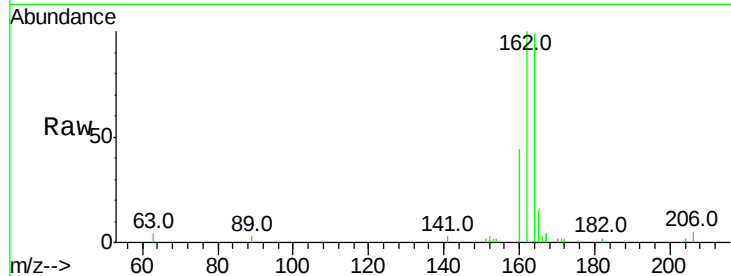
Tot Ion:164 Resp: 3798

Ion Ratio Lower Upper

164 100

162 100.6 83.1 124.7

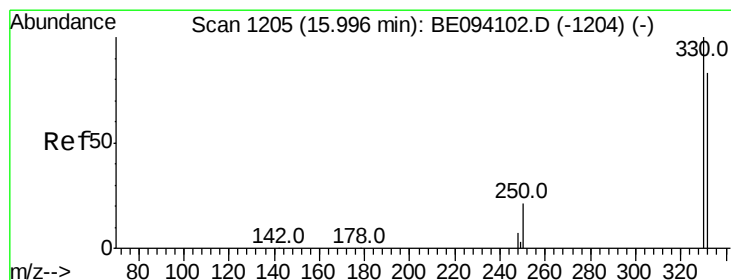
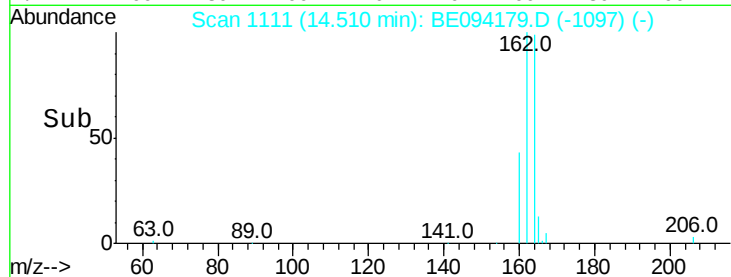
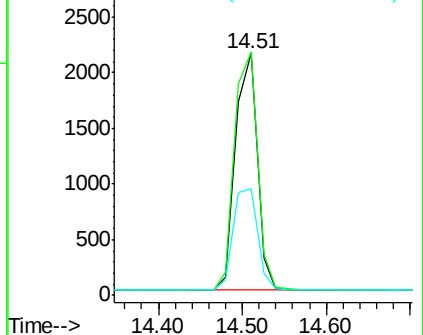
160 44.1 37.1 55.7



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: 2.573 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

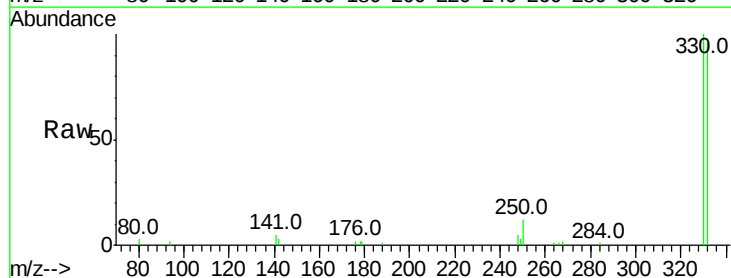
Tgt Ion:330 Resp: 6258

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

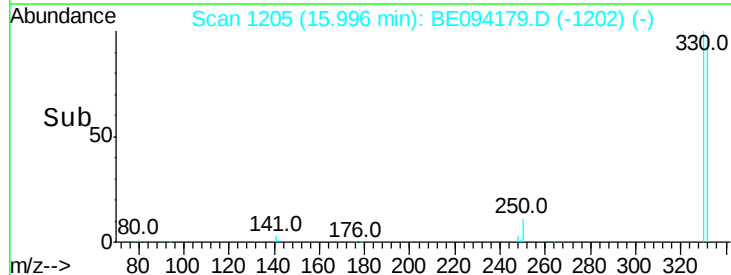
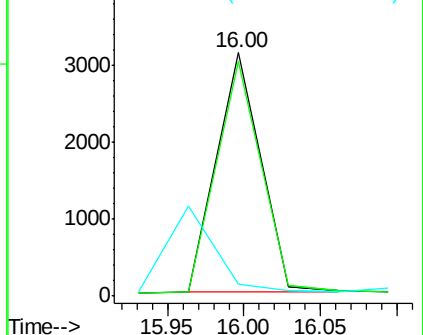
141 0.0 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

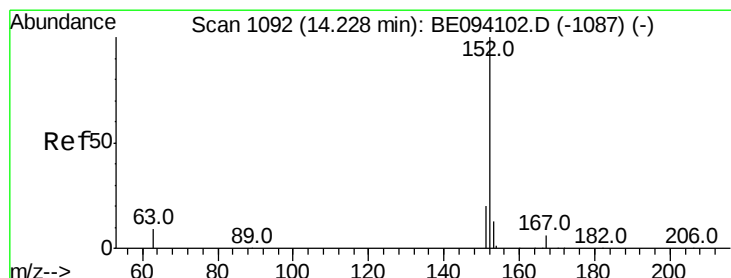
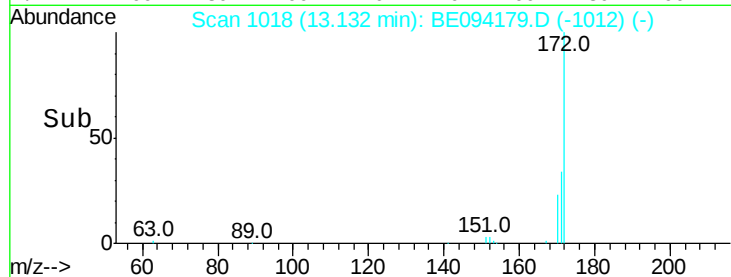
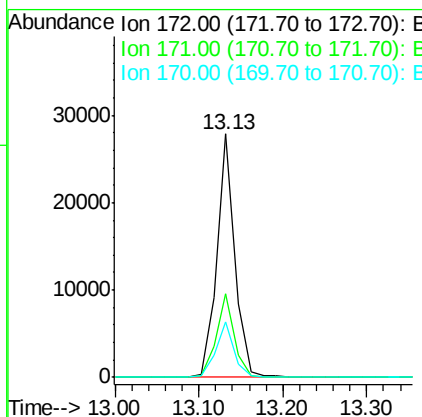
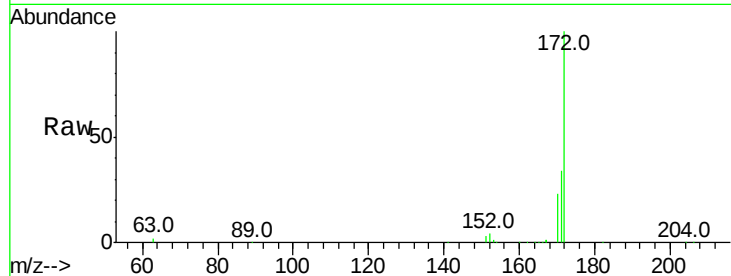




#15
2-Fluorobiphenyl
Concen: 3.295 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094179.D
Acq: 6 Oct 2017 14:28

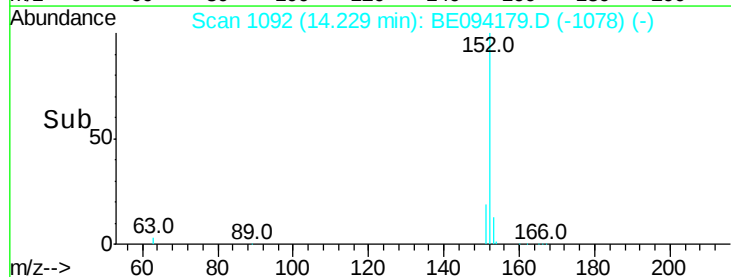
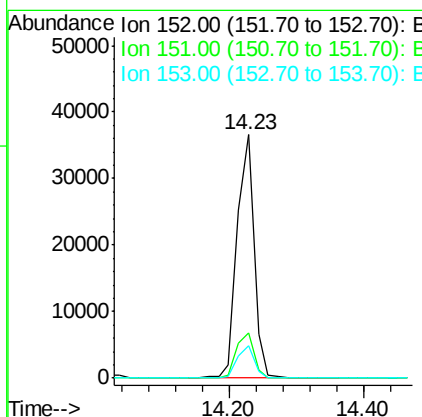
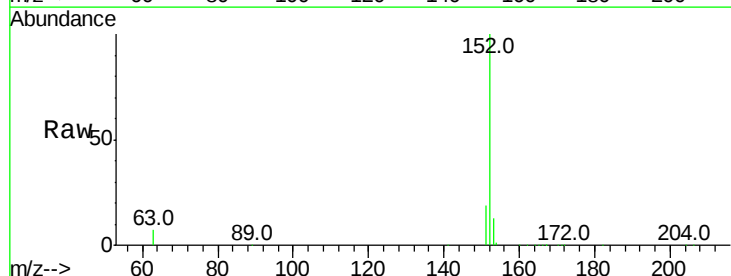
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:172 Resp: 41352
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 3.338 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094179.D
Acq: 6 Oct 2017 14:28

Tgt Ion:152 Resp: 63543
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.347 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

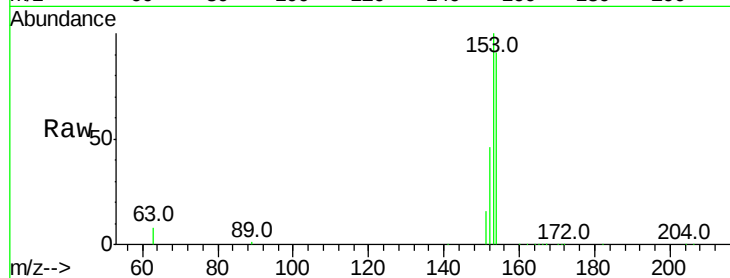
Tot Ion:154 Resp: 39812

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

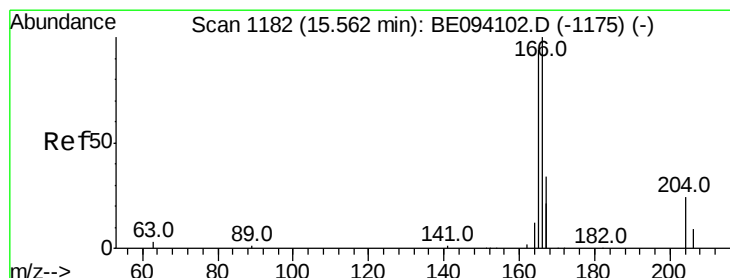
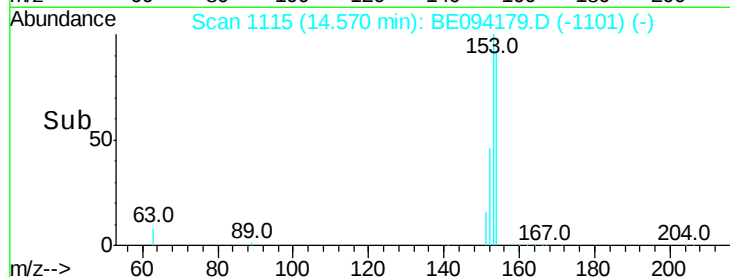
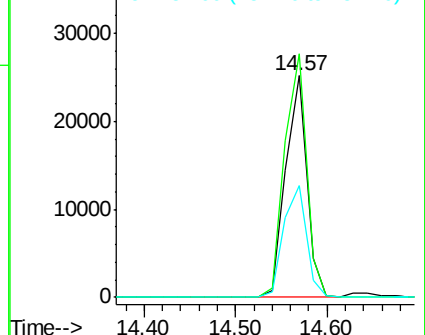
152 54.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.262 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

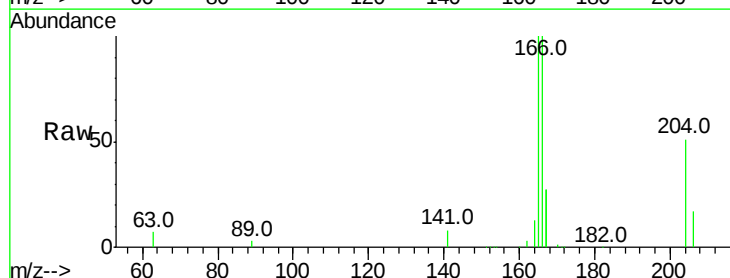
Tgt Ion:166 Resp: 52659

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

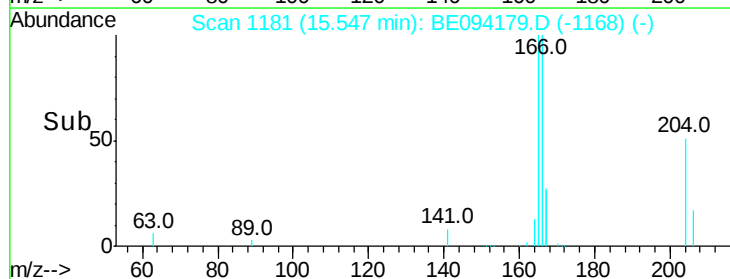
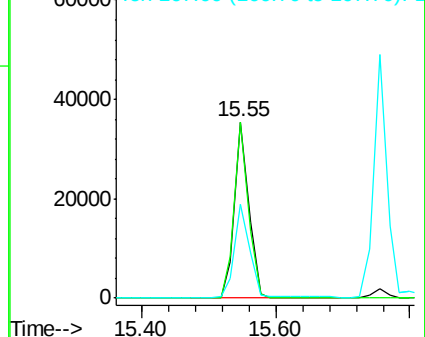
167 54.0 42.4 63.6

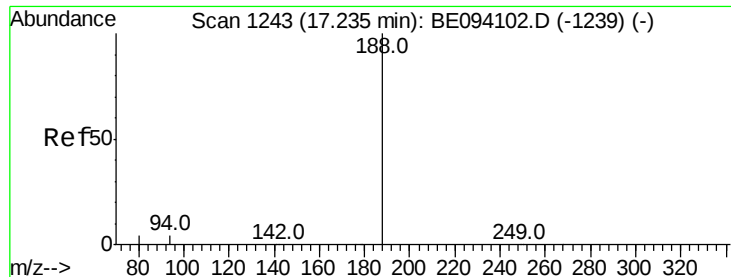


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

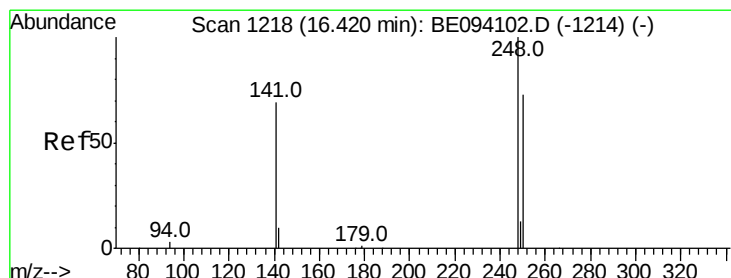
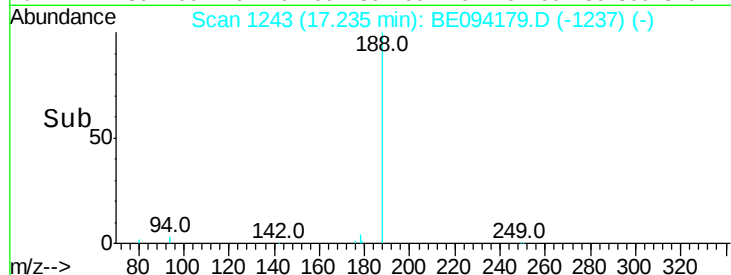
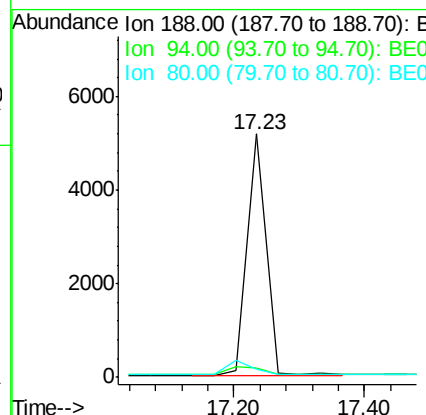
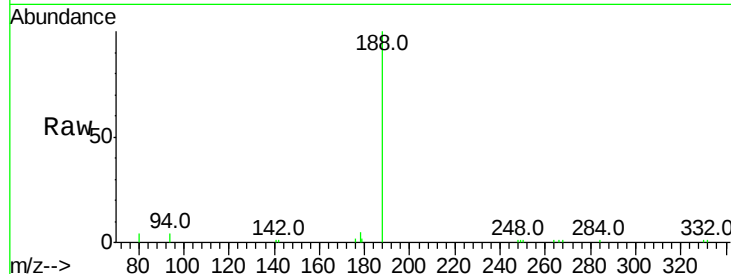




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094179.D
Acq: 6 Oct 2017 14:28

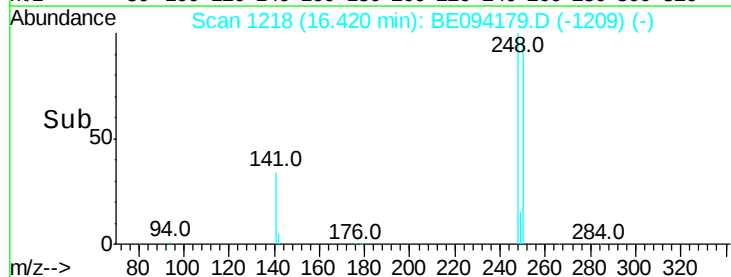
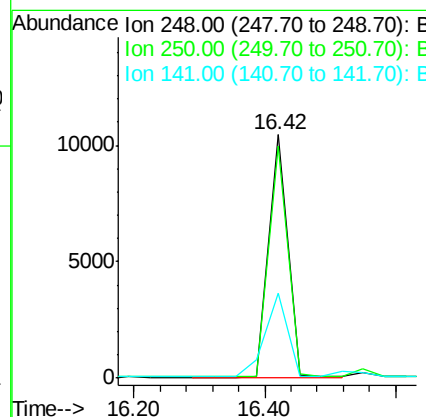
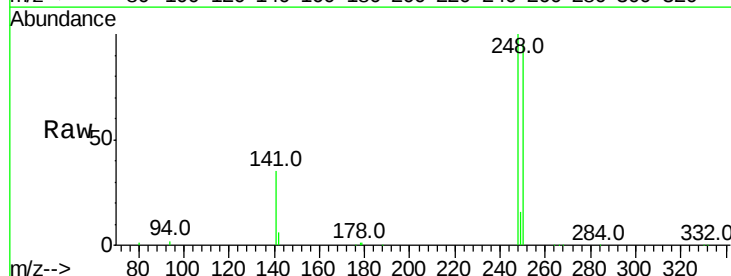
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

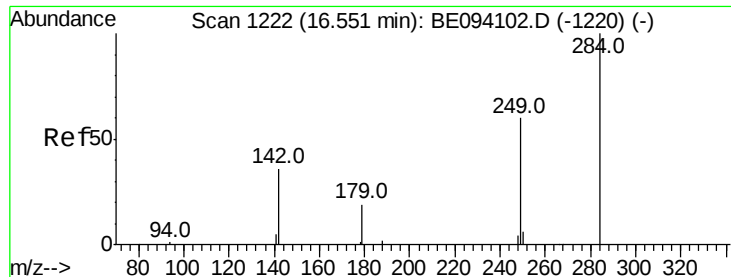
Tot Ion:188 Resp: 10472
Ion Ratio Lower Upper
188 100
94 3.8 3.9 5.9#
80 3.6 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 4.795 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE094179.D
Acq: 6 Oct 2017 14:28

Tgt Ion:248 Resp: 20601
Ion Ratio Lower Upper
248 100
250 95.5 62.7 94.1#
141 34.7 48.2 72.2#





#21

Hexachlorobenzene

Concen: 6.583 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

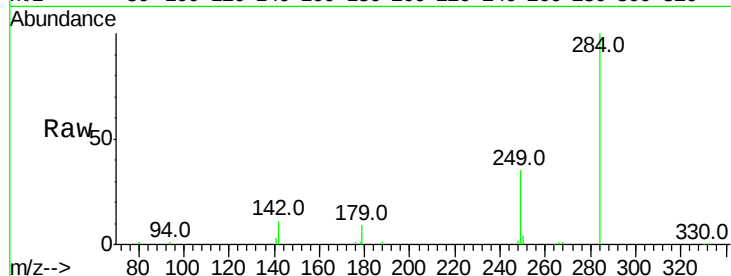
Tot Ion:284 Resp: 17851

Ion Ratio Lower Upper

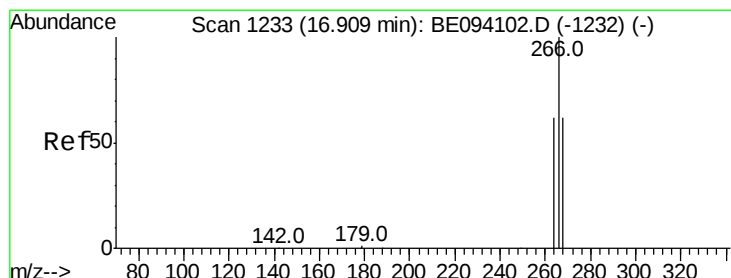
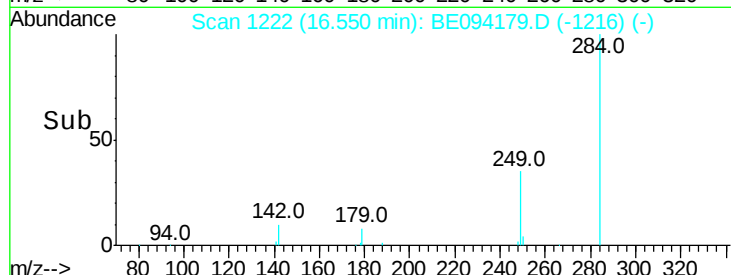
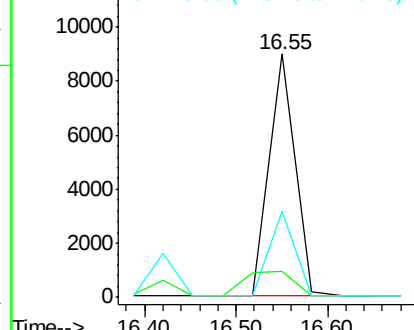
284 100

142 19.7 22.1 33.1#

249 34.7 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: 2.169 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

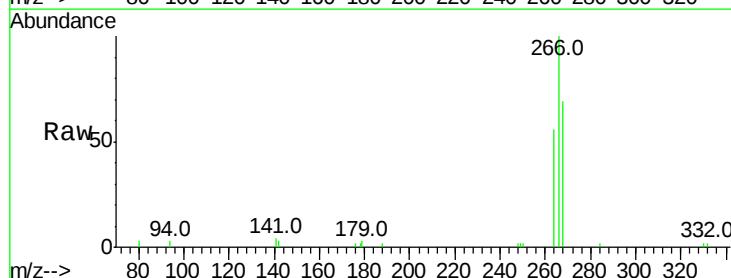
Tgt Ion:266 Resp: 5388

Ion Ratio Lower Upper

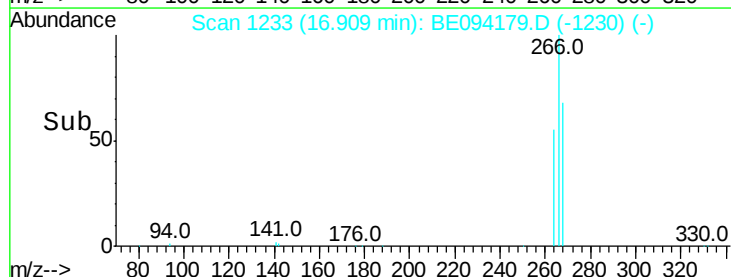
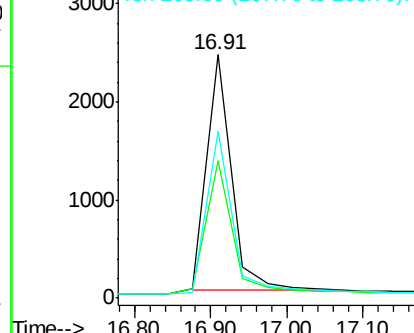
266 100

264 56.2 72.5 108.7#

268 68.5 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: 4.573 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

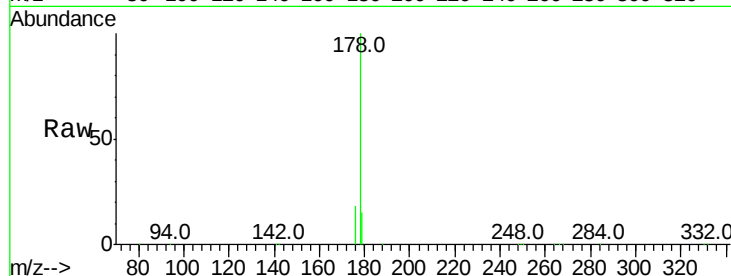
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:178 Resp: 122537

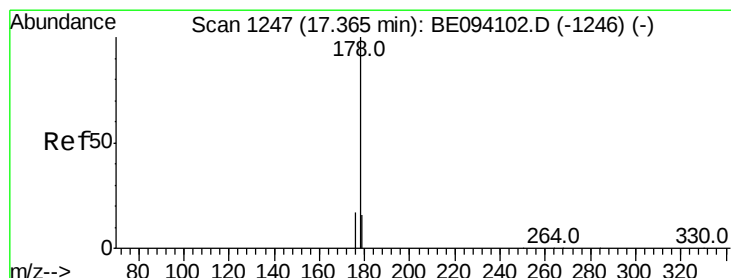
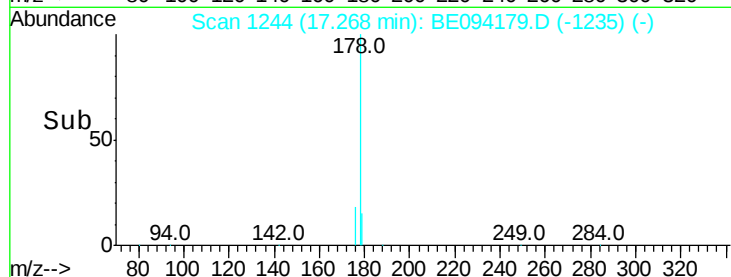
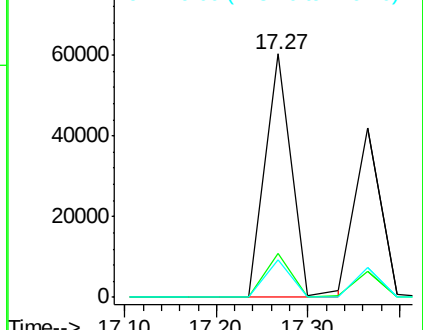
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	11.8	17.6



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: 2.977 ng

RT: 17.37 min Scan# 1247

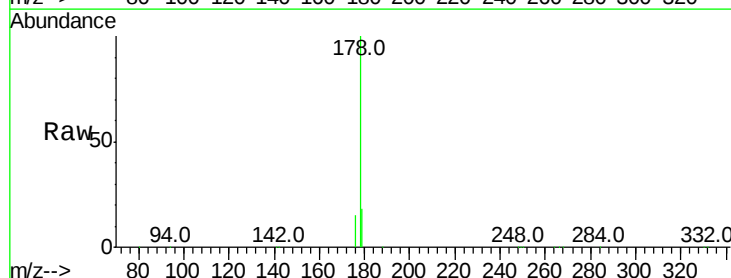
Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Tgt Ion:178 Resp: 83669

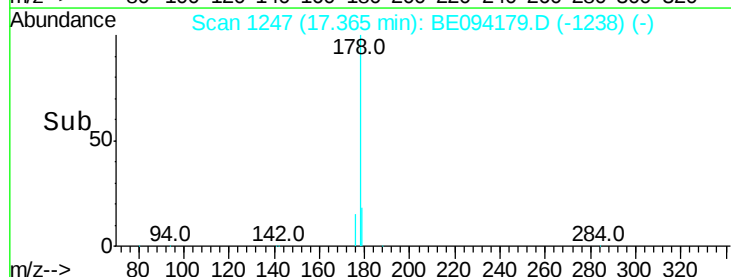
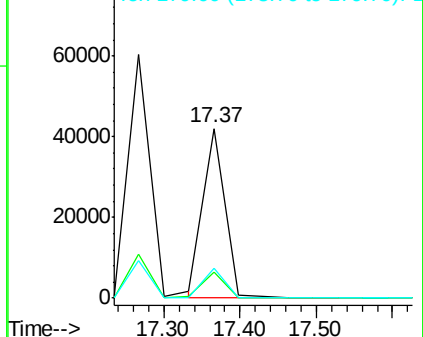
Ion	Ratio	Lower	Upper
178	100		
176	15.0	12.8	19.2
179	17.5	13.0	19.6

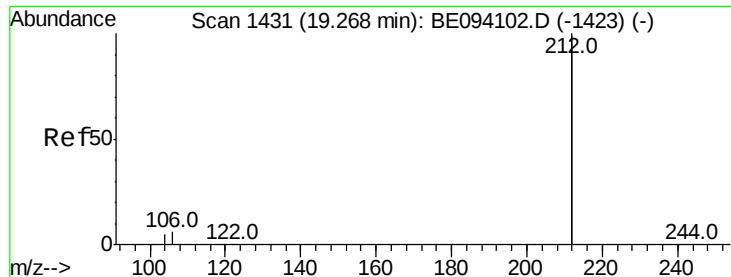


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.420 ng

RT: 19.26 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

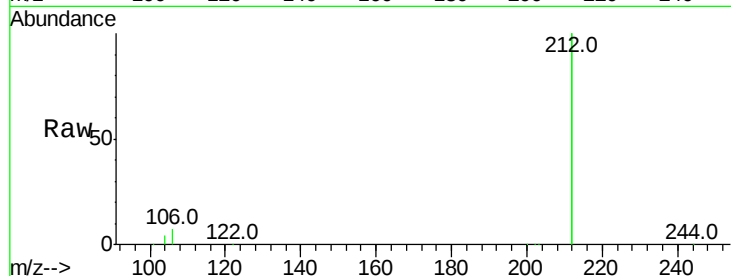
Tot Ion:212 Resp: 346789

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

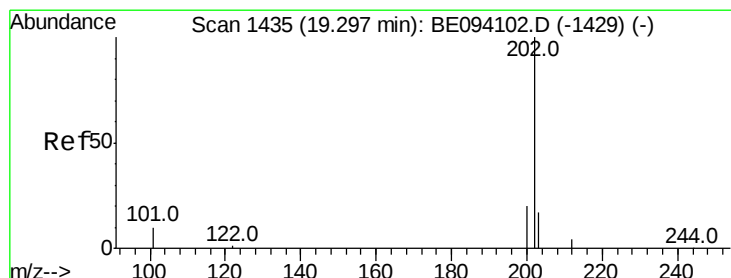
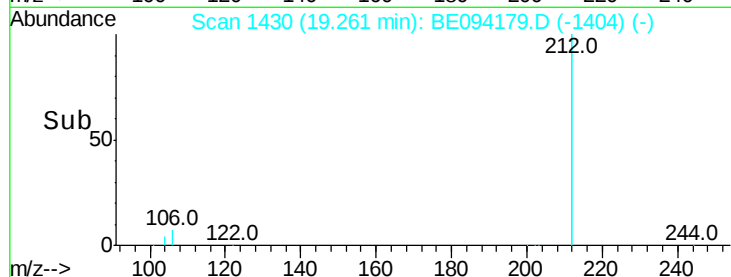
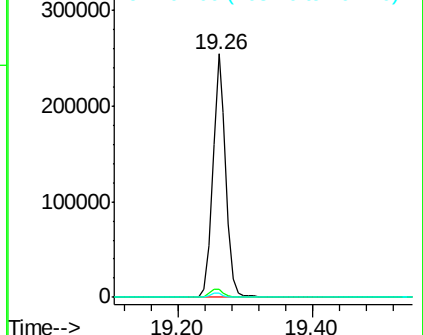
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.594 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

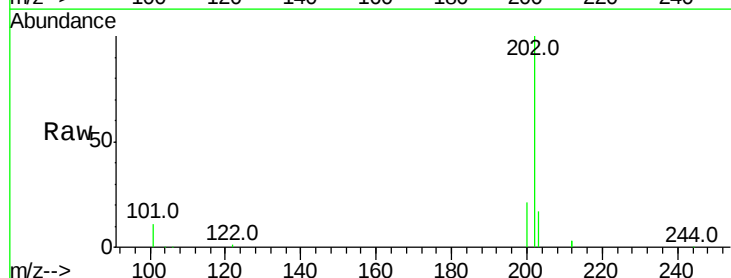
Tgt Ion:202 Resp: 107885

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

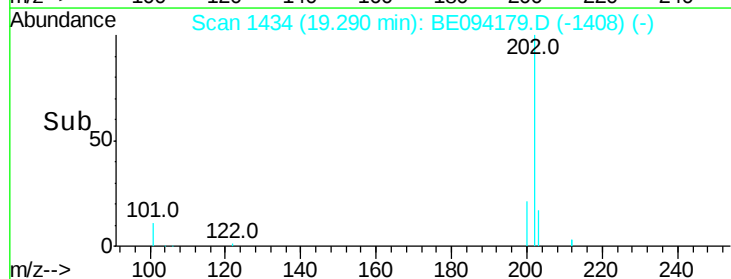
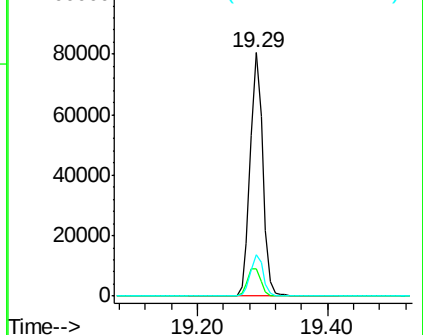
203 17.3 13.7 20.5



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

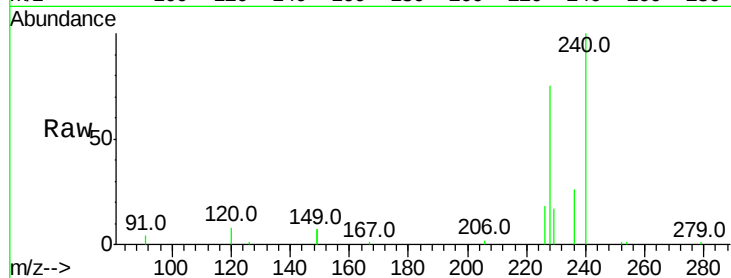




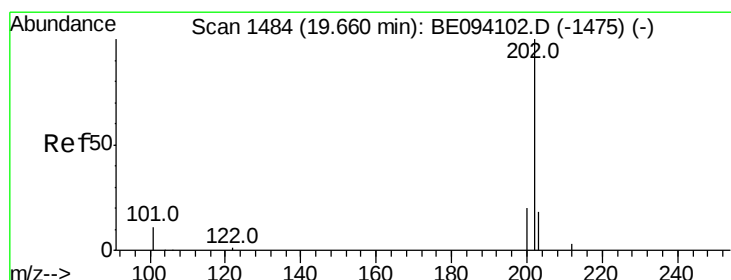
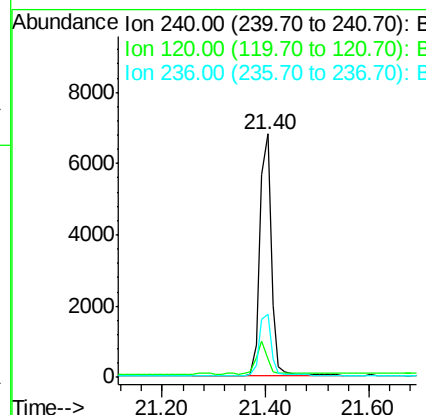
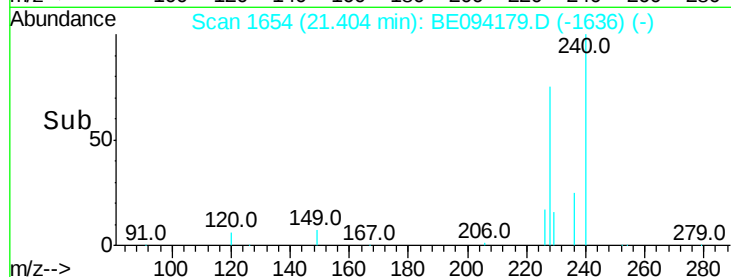
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094179.D
Acq: 6 Oct 2017 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:240 Resp: 10583
Ion Ratio Lower Upper
240 100
120 7.7 5.5 8.3
236 25.9 20.7 31.1

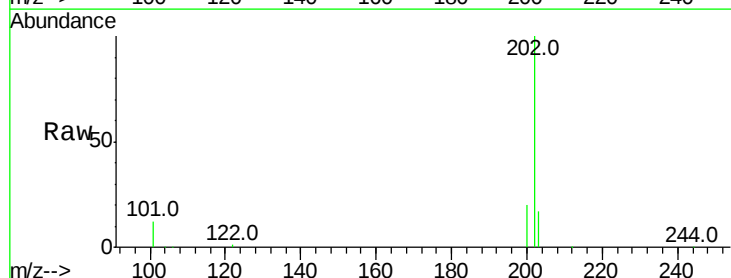


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

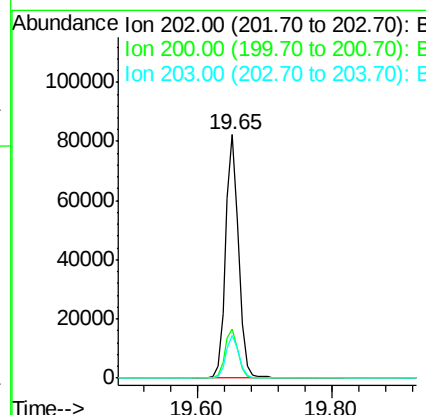
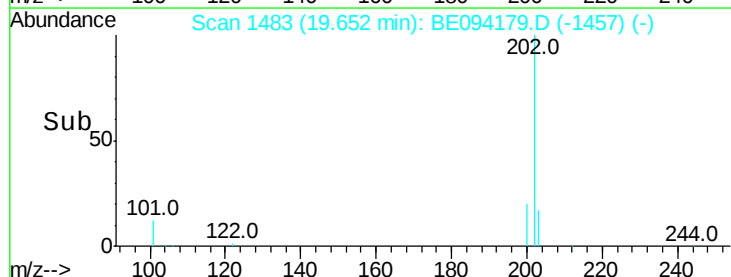


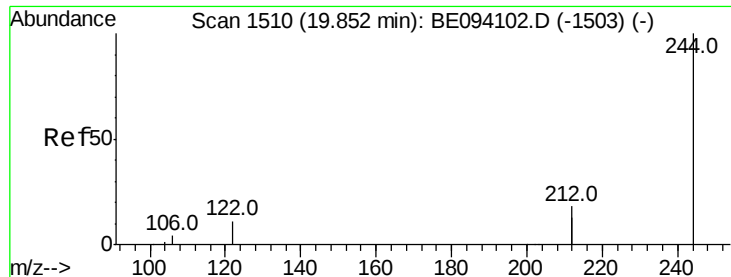
#28
Pyrene
Concen: 3.301 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094179.D
Acq: 6 Oct 2017 14:28

Tgt Ion:202 Resp: 110706
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.164 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

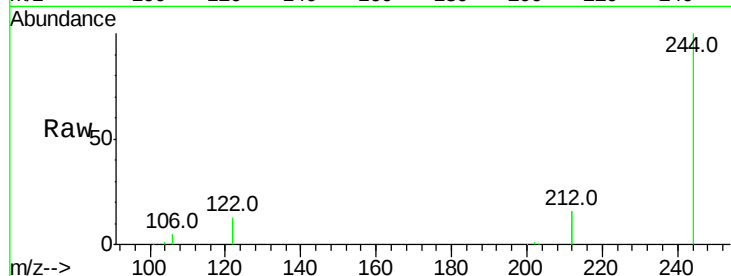
Tot Ion:244 Resp: 61098

Ion Ratio Lower Upper

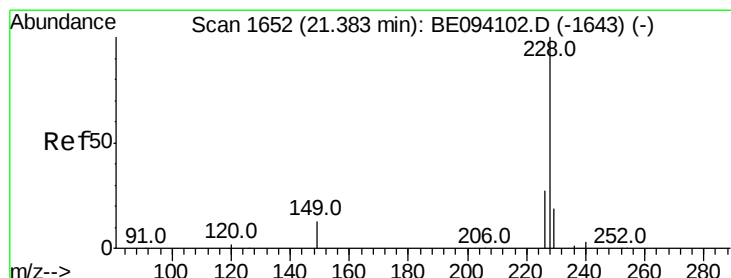
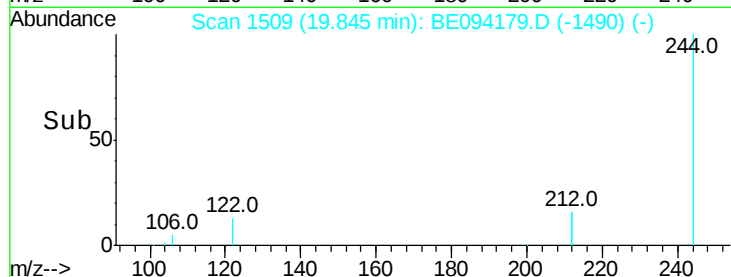
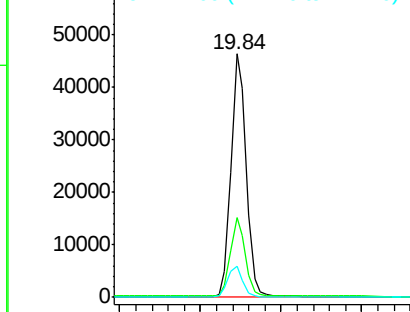
244 100

212 32.6 25.4 38.0

122 12.9 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.042 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

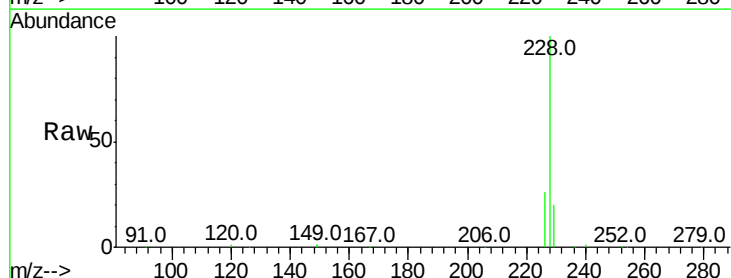
Tgt Ion:228 Resp: 108417

Ion Ratio Lower Upper

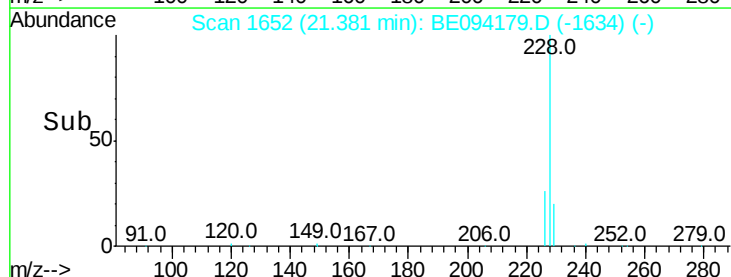
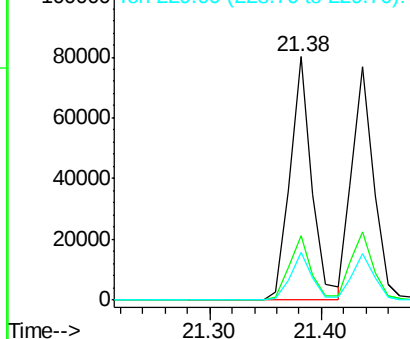
228 100

226 26.3 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: 3.032 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

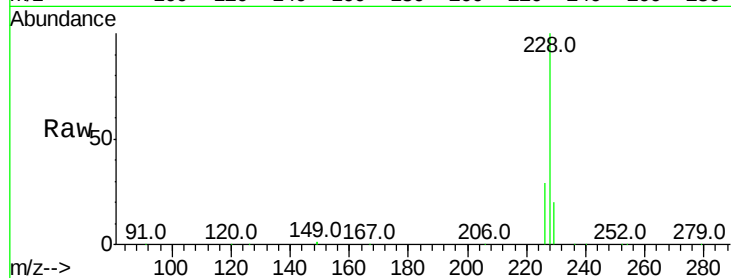
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 104290

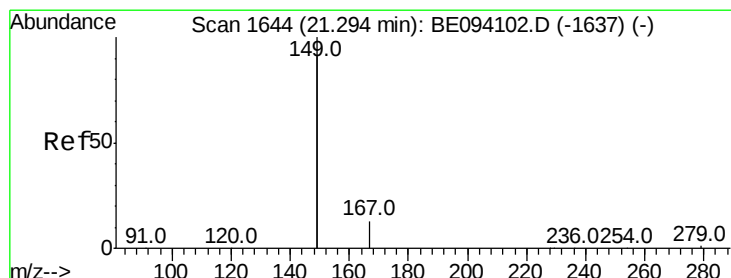
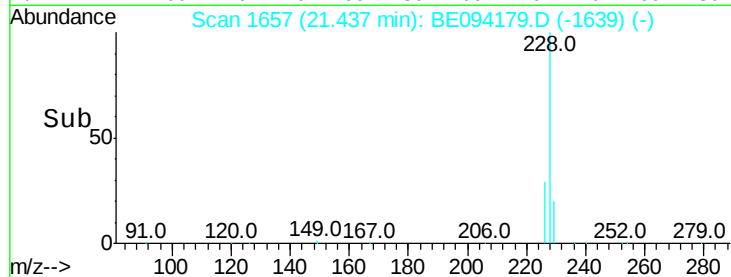
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	19.9	16.4	24.6



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: 1.404 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

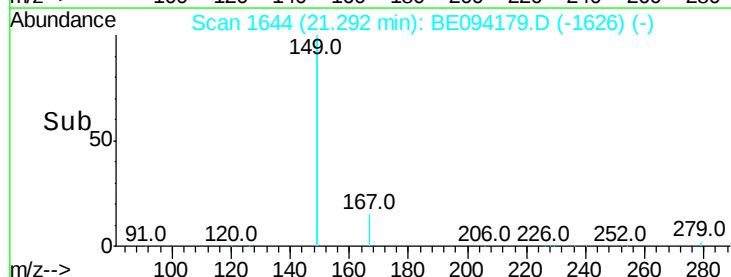
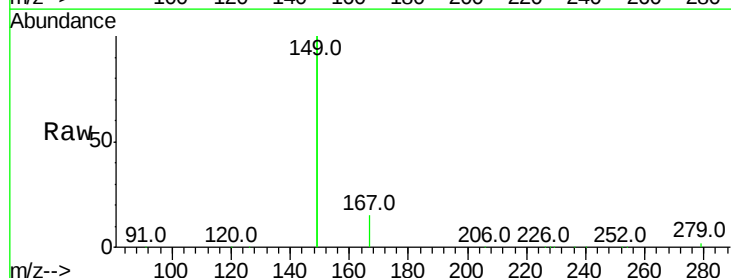
Tgt Ion:149 Resp: 239561

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	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



Time-->



#33

Indeno(1,2,3-cd)pyrene

Concen: 2.907 ng

RT: 26.54 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

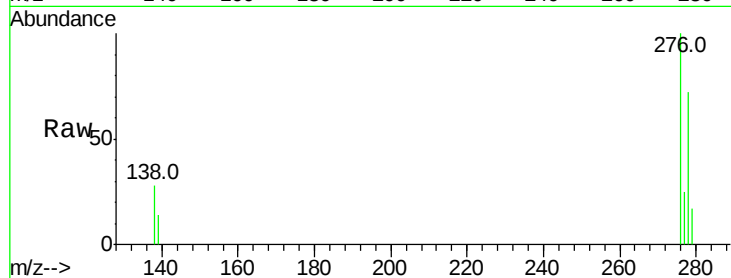
Tot Ion:276 Resp: 106990

Ion Ratio Lower Upper

276 100

138 28.5 22.5 33.7

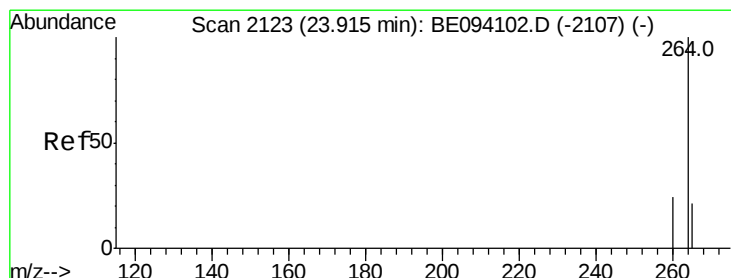
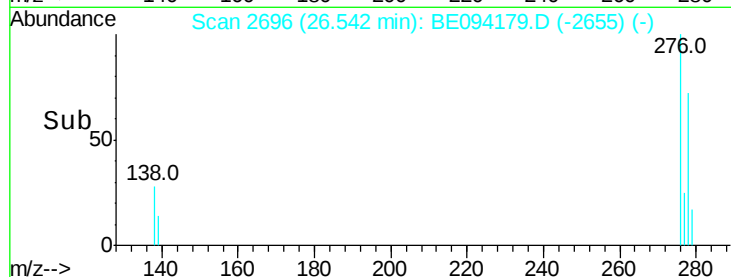
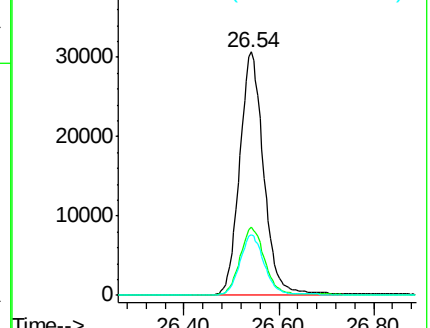
277 25.1 19.9 29.9



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: BE094179.D

Acq: 6 Oct 2017 14:28

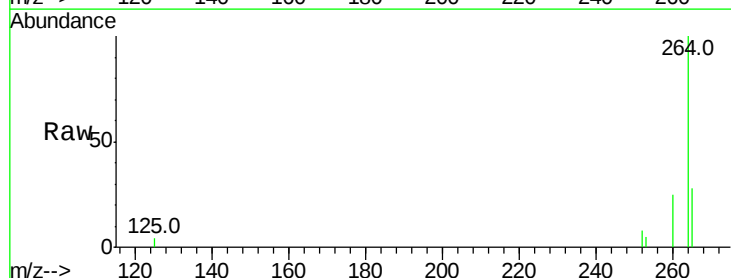
Tgt Ion:264 Resp: 9417

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

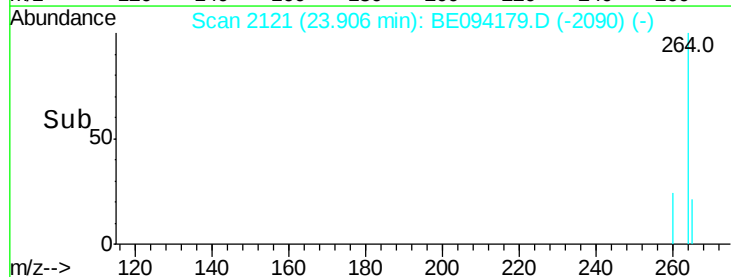
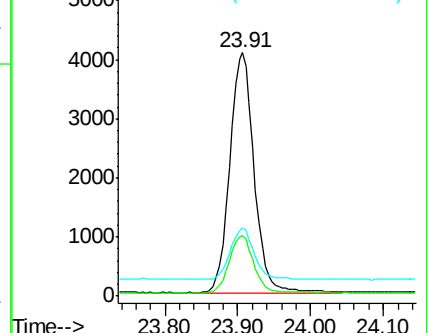
265 28.0 22.8 34.2

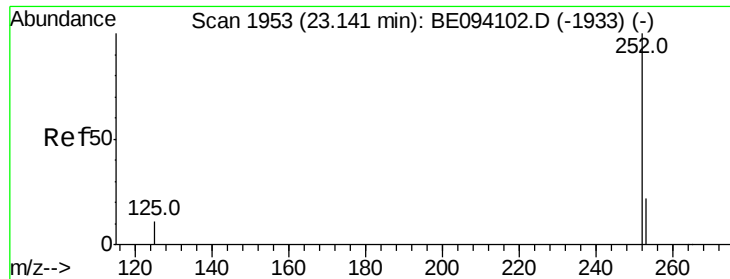


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.913 ng

RT: 23.13 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

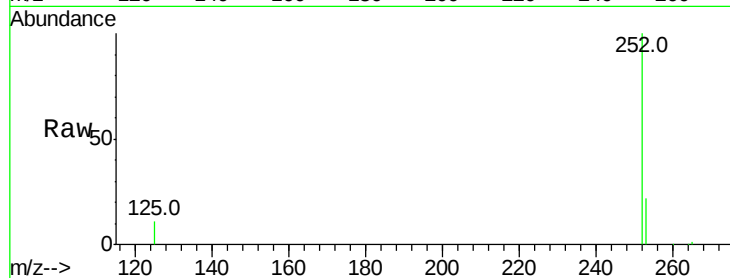
Tot Ion:252 Resp: 98984

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

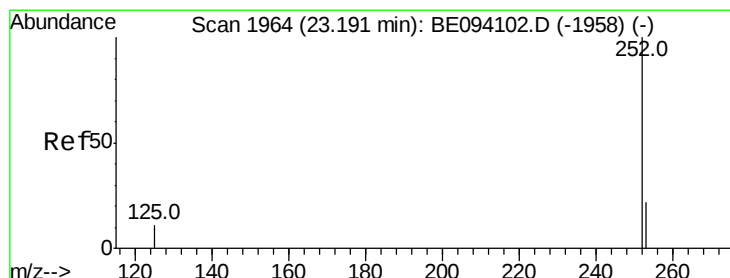
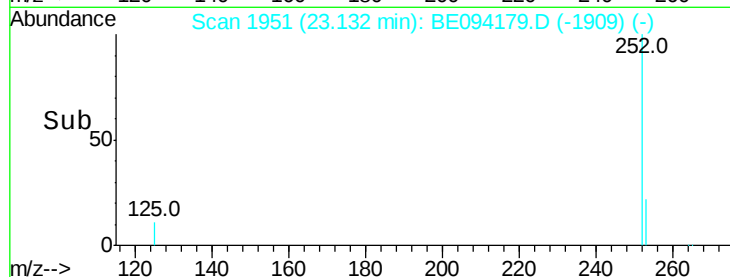
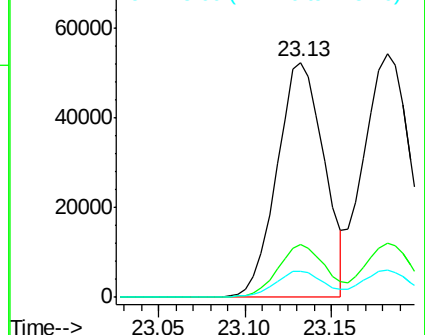
125 11.3 10.1 15.1



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: 3.252 ng

RT: 23.18 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

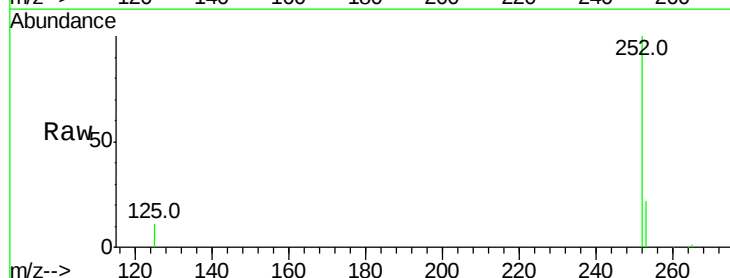
Tgt Ion:252 Resp: 105808

Ion Ratio Lower Upper

252 100

253 22.1 18.6 27.8

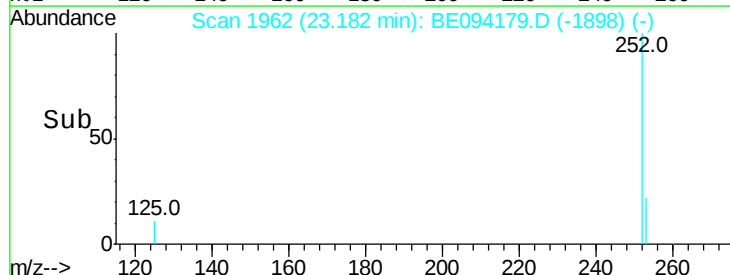
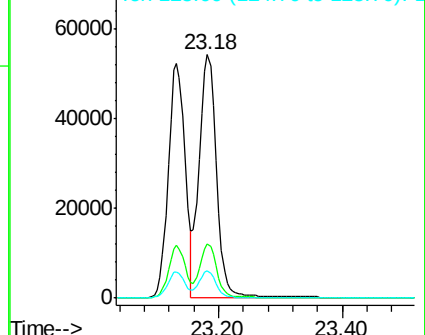
125 11.1 10.7 16.1



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: 3.130 ng

RT: 23.79 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

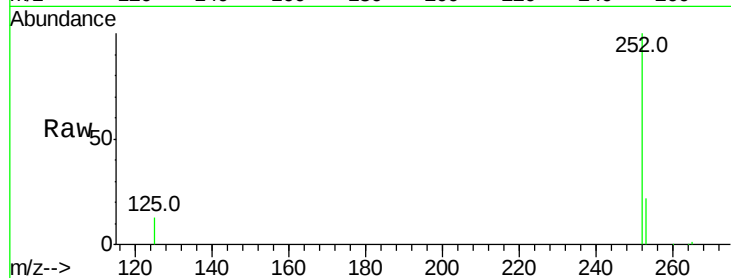
Tot Ion:252 Resp: 96106

Ion Ratio Lower Upper

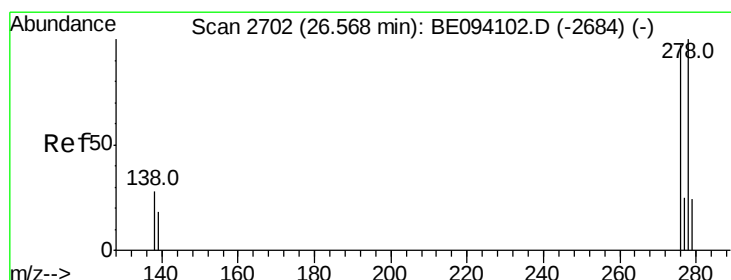
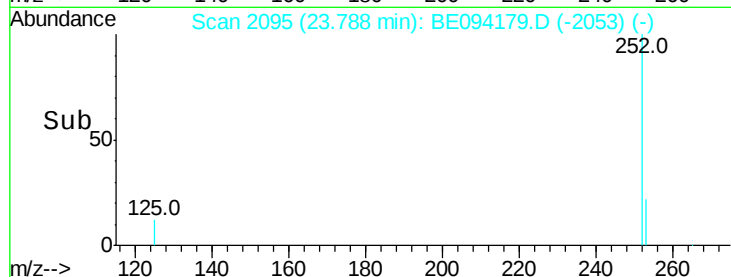
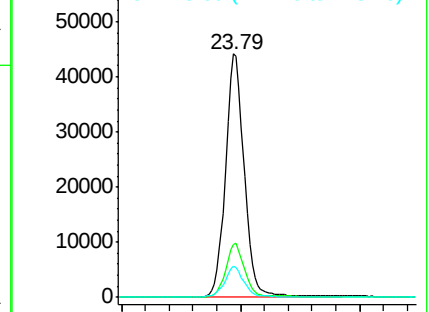
252 100

253 22.0 19.0 28.6

125 12.6 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: 3.137 ng

RT: 26.56 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

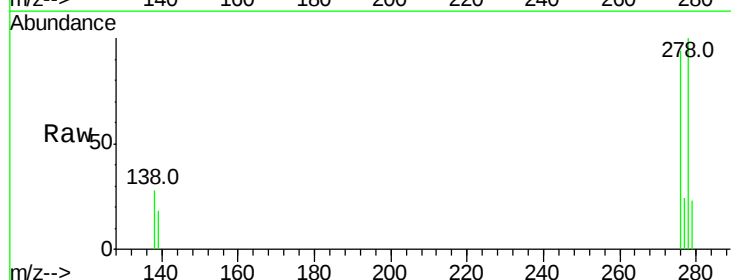
Tgt Ion:278 Resp: 91193

Ion Ratio Lower Upper

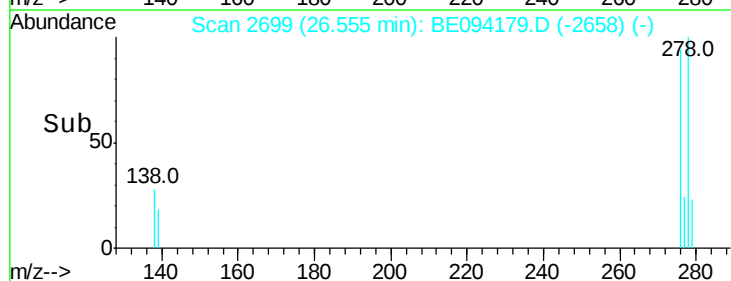
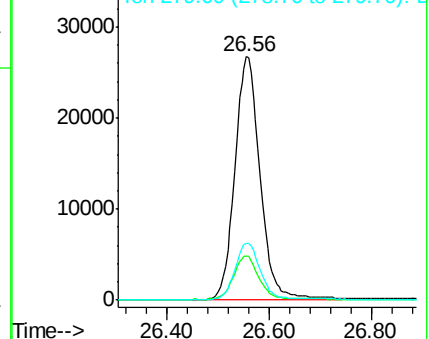
278 100

139 18.2 16.3 24.5

279 23.5 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: 3.172 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE094179.D

Acq: 6 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

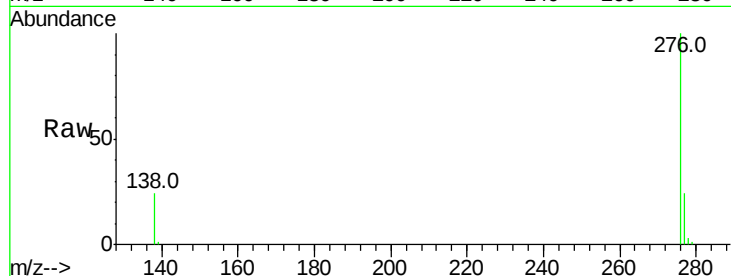
Tot Ion:276 Resp: 91277

Ion Ratio Lower Upper

276 100

277 23.7 20.8 31.2

138 23.6 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

