

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
 Data File : BE094981.D
 Acq On : 14 Dec 2017 17:49
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Dec 14 18:32:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 17:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6514	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	14680	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8337	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	18805	0.40	ng	0.00
27) Chrysene-d12	21.87	240	24181	0.40	ng	0.00
34) Perylene-d12	24.55	264	16922	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	31305	3.04	ng	-0.01
5) Phenol-d6	7.59	99	48863	3.20	ng	0.00
8) Nitrobenzene-d5	9.65	82	41892	4.82	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	77942	3.33	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	9011	5.00	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	117662	3.30	ng	0.00
25) Fluoranthene-d10	19.75	212	839085	3.27	ng	0.00
29) Terphenyl-d14	20.31	244	143078	3.20	ng	0.00

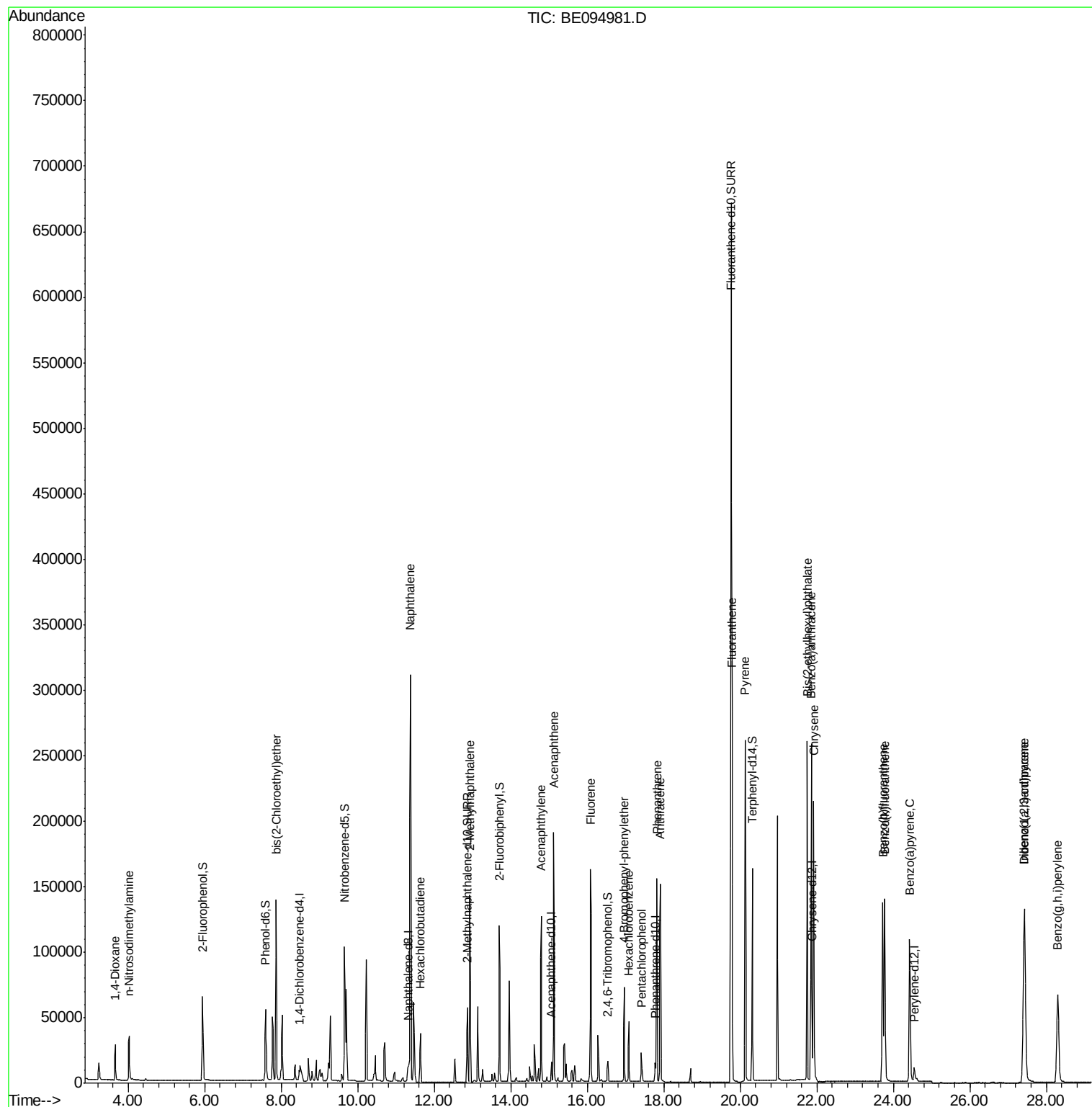
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	18134	2.661	ng	# 87
3) n-Nitrosodimethylamine	4.00	42	25050	2.884	ng	# 92
6) bis(2-Chloroethyl)ether	7.87	93	46939	3.100	ng	96
9) Naphthalene	11.38	128	540358	3.139	ng	99
10) Hexachlorobutadiene	11.64	225	24885	3.426	ng	98
12) 2-Methylnaphthalene	12.93	142	133073	3.112	ng	97
16) Acenaphthylene	14.79	152	155813	3.308	ng	99
17) Acenaphthene	15.12	154	97102	3.189	ng	96
18) Fluorene	16.08	166	120536	3.111	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	36974	3.524	ng	# 76
21) Hexachlorobenzene	17.09	284	36085	3.526	ng	# 82
22) Pentachlorophenol	17.42	266	11503	4.550	ng	# 71
23) Phenanthrene	17.82	178	190265	3.175	ng	98
24) Anthracene	17.91	178	206462	3.250	ng	95
26) Fluoranthene	19.78	202	253001	3.285	ng	99
28) Pyrene	20.13	202	250744	3.003	ng	97
30) Benzo(a)anthracene	21.85	228	230085	3.103	ng	# 61
31) Chrysene	21.92	228	240261	2.932	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.75	149	346823	2.822	ng	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	206534	3.080	ng	99
35) Benzo(b)fluoranthene	23.72	252	200970	3.253	ng	# 88
36) Benzo(k)fluoranthene	23.77	252	217387	3.452	ng	96
37) Benzo(a)pyrene	24.43	252	184006	3.397	ng	95
38) Dibenzo(a,h)anthracene	27.43	278	175734	3.512	ng	96
39) Benzo(g,h,i)perylene	28.30	276	171808	3.438	ng	94

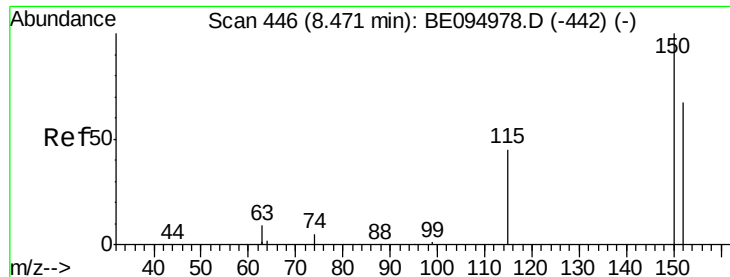
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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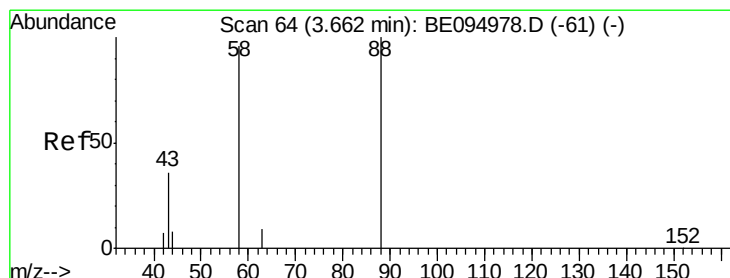
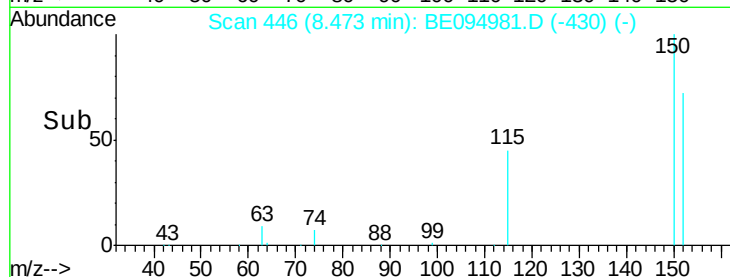
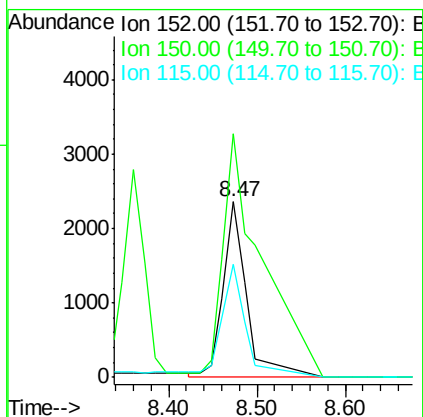
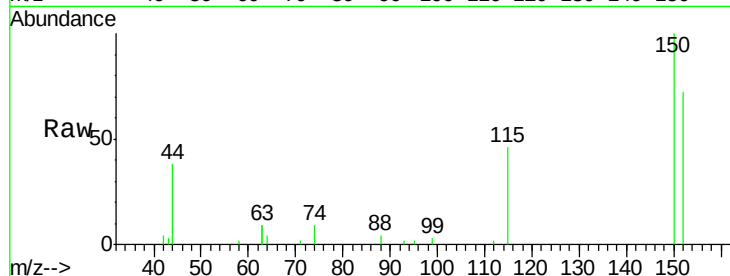


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

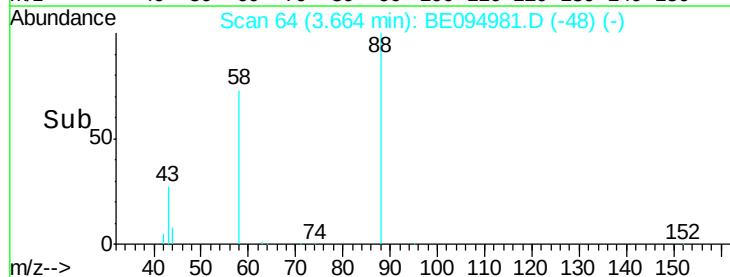
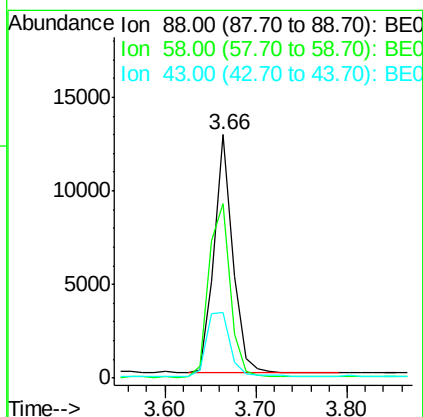
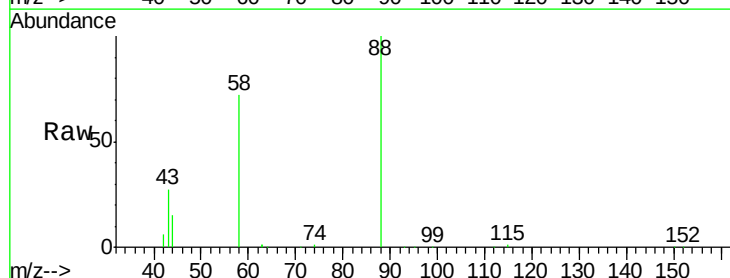
Tgt Ion:152 Resp: 6514
Ion Ratio Lower Upper
152 100
150 138.7 117.2 175.8
115 64.4 57.0 85.6

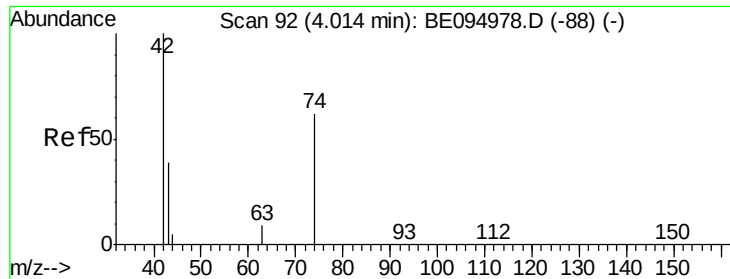


#2

1,4-Dioxane
Concen: 2.661 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

Tgt Ion: 88 Resp: 18134
Ion Ratio Lower Upper
88 100
58 83.4 63.2 94.8
43 34.1 41.2 61.8#



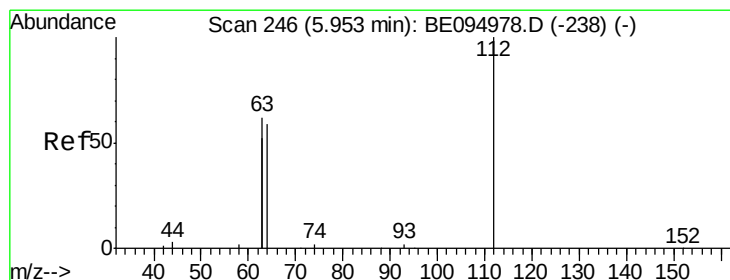
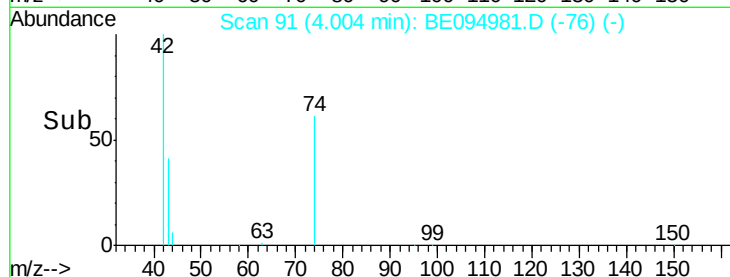
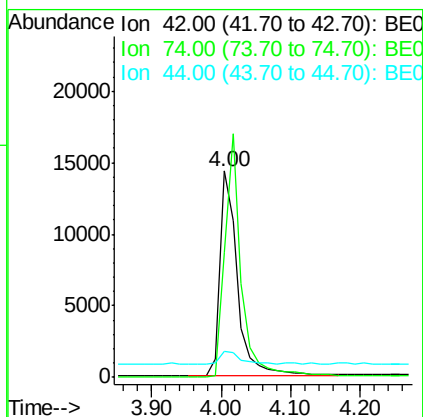
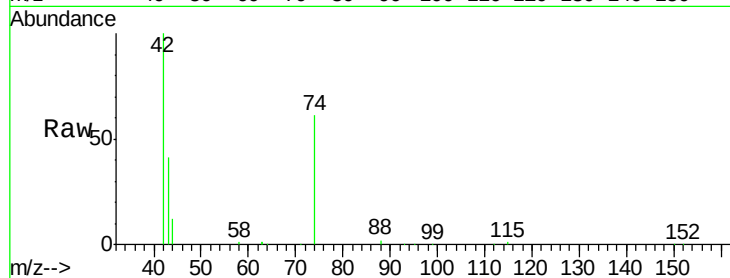


#3

n-Nitrosodimethylamine
 Concen: 2.884 ng
 RT: 4.00 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BE094981.D
 Acq: 14 Dec 2017 17:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

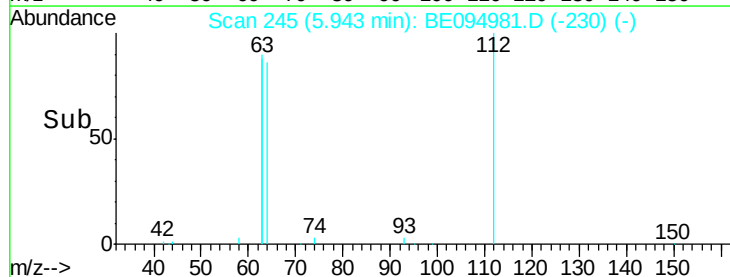
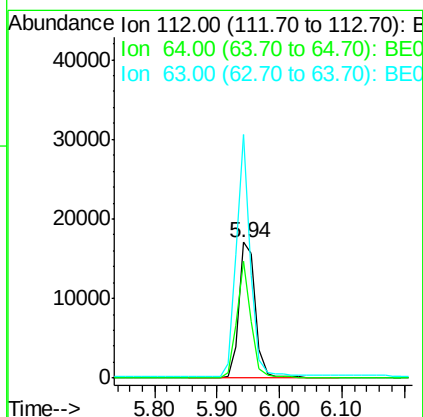
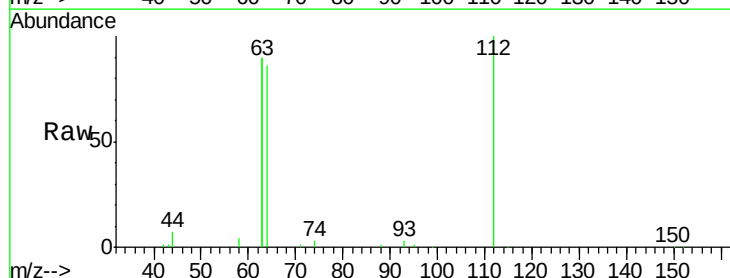
Tgt Ion: 42 Resp: 25050
 Ion Ratio Lower Upper
 42 100
 74 113.0 96.0 144.0
 44 6.8 12.0 18.0#

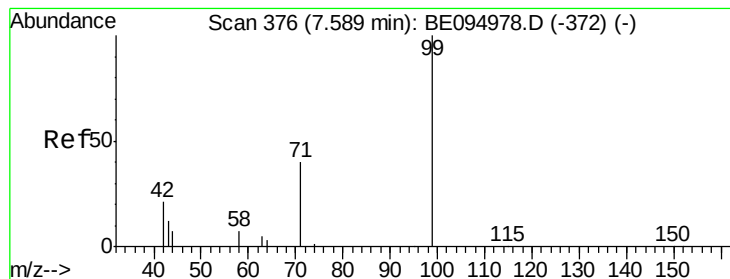


#4

2-Fluorophenol
 Concen: 3.036 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: BE094981.D
 Acq: 14 Dec 2017 17:49

Tgt Ion: 112 Resp: 31305
 Ion Ratio Lower Upper
 112 100
 64 74.3 60.1 90.1
 63 153.7 116.8 175.2





#5

Phenol-d6

Concen: 3.199 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

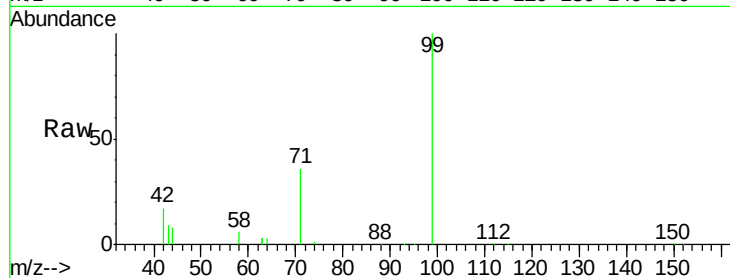
Tgt Ion: 99 Resp: 48863

Ion Ratio Lower Upper

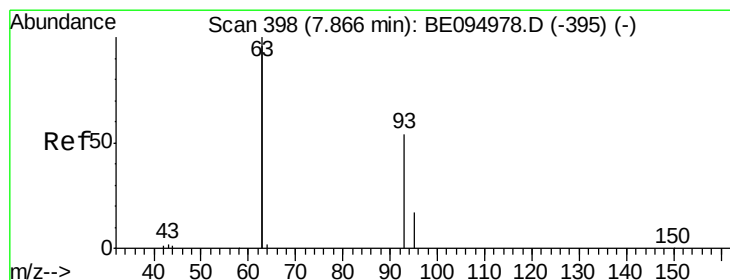
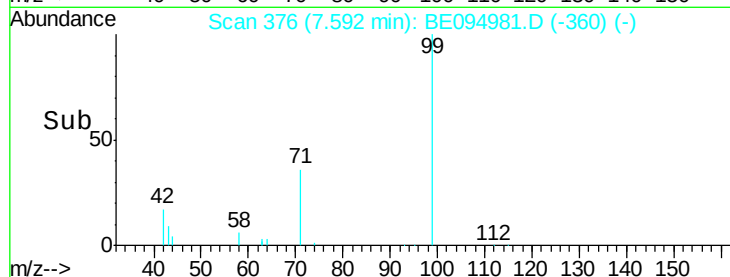
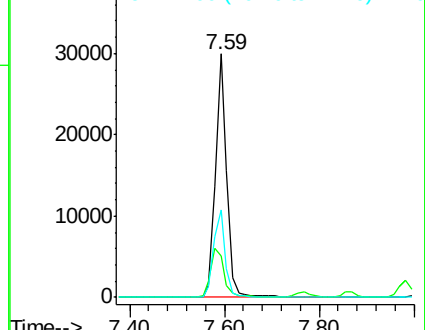
99 100

42 23.5 20.2 30.2

71 37.3 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: 3.100 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

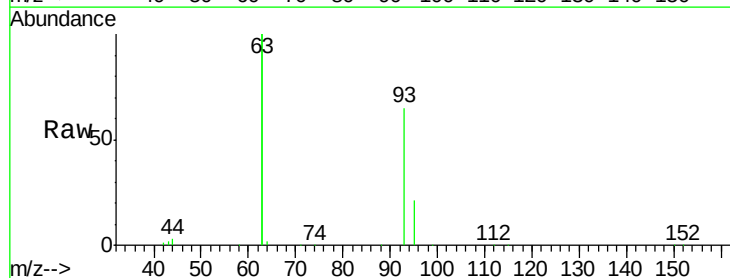
Tgt Ion: 93 Resp: 46939

Ion Ratio Lower Upper

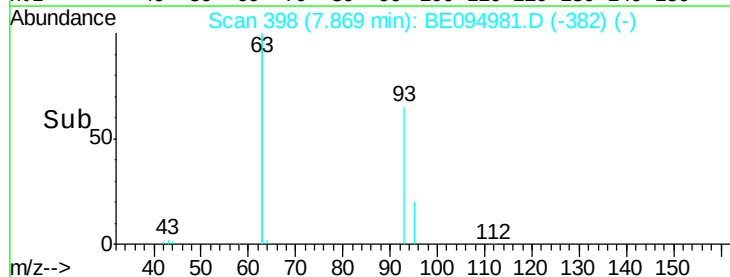
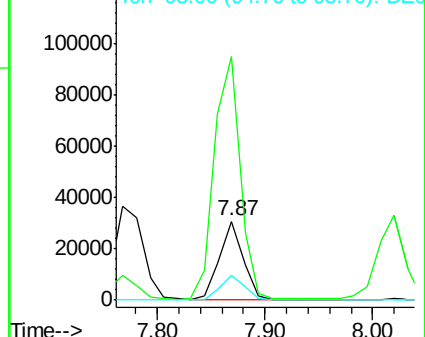
93 100

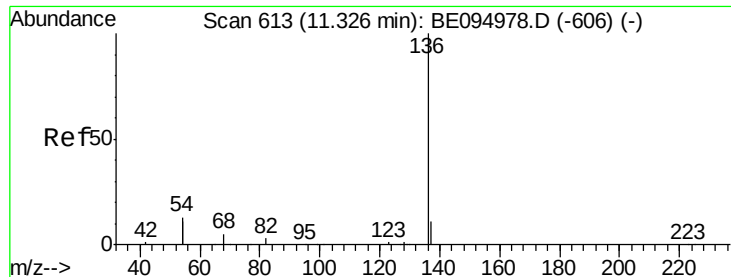
63 334.4 275.3 412.9

95 31.8 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 14680

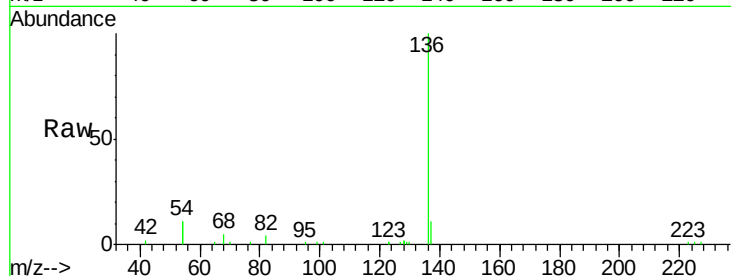
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 22.5 29.1 43.7#

68 5.4 6.2 9.2#

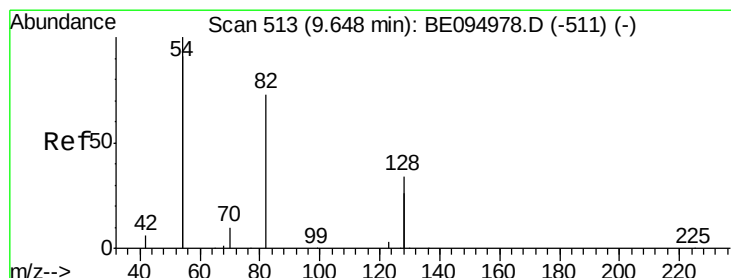
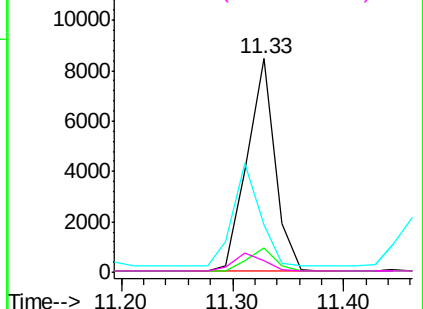
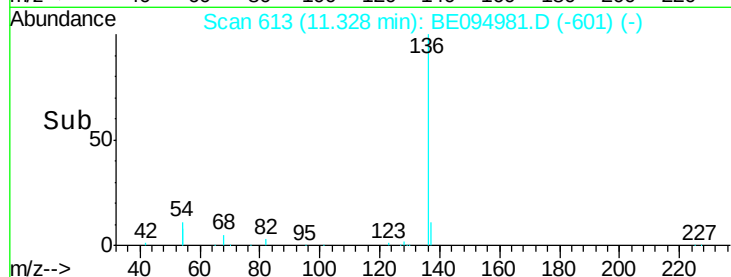


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.820 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

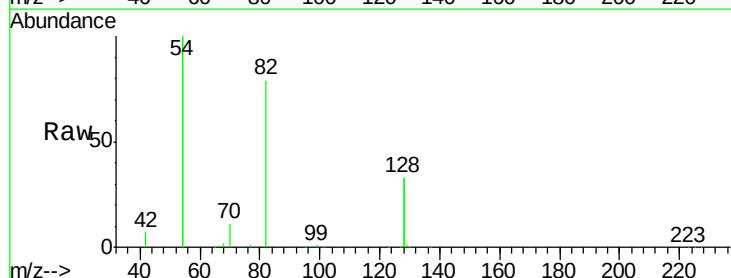
Tgt Ion: 82 Resp: 41892

Ion Ratio Lower Upper

82 100

128 84.1 150.0 225.0#

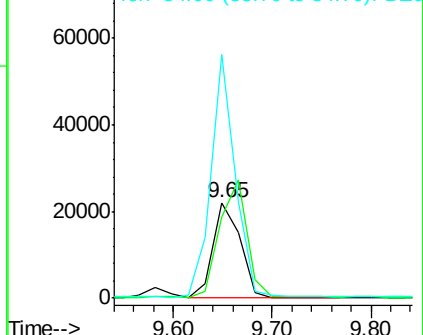
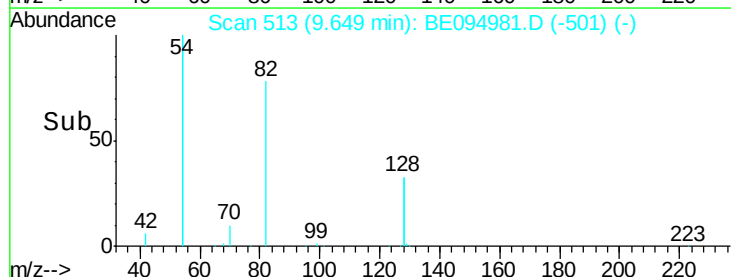
54 254.3 154.2 231.4#

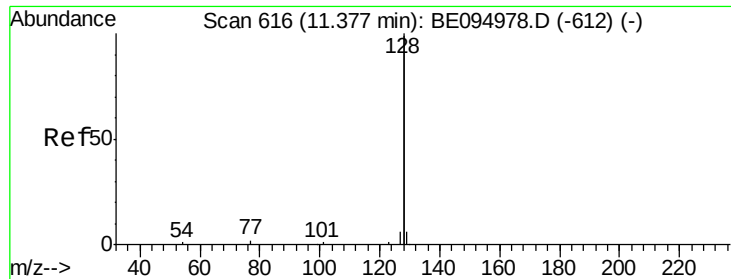


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.139 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

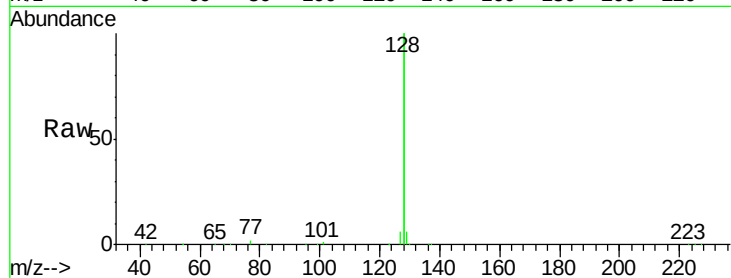
Tgt Ion:128 Resp: 540358

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

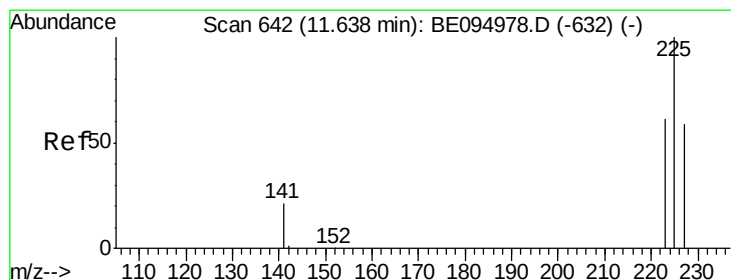
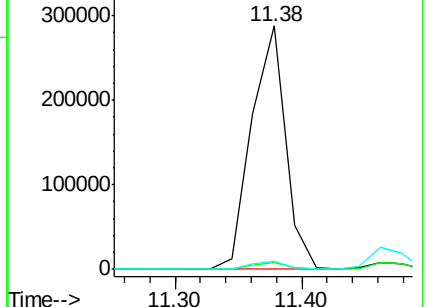
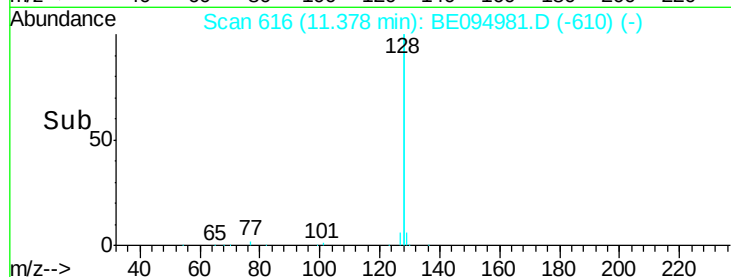
127 3.2 2.8 4.2



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: 3.426 ng

RT: 11.64 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

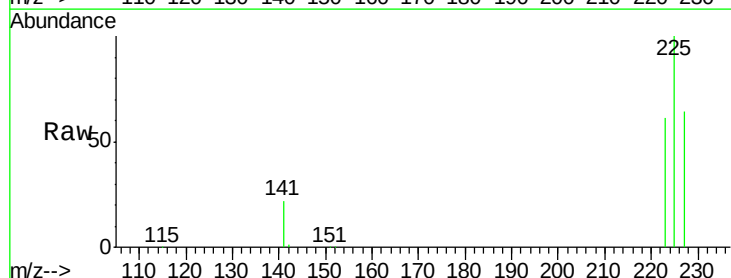
Tgt Ion:225 Resp: 24885

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

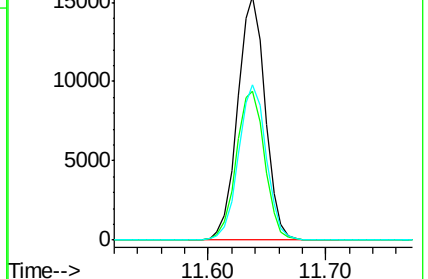
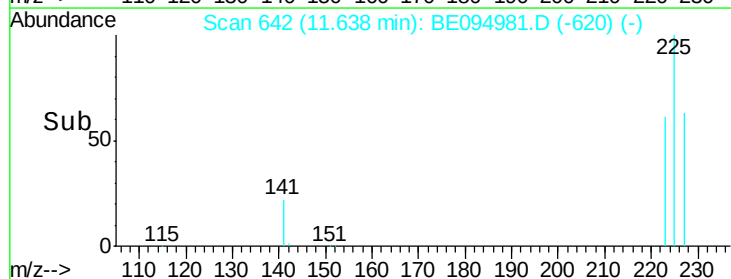
227 64.1 51.4 77.2

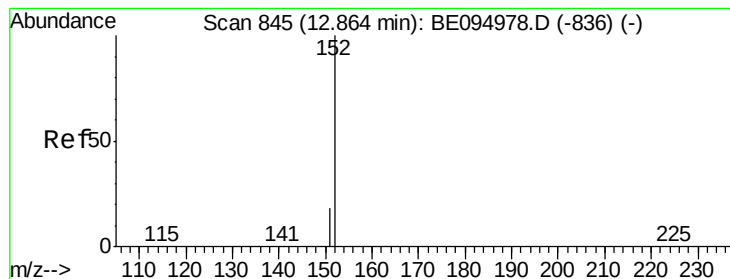


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.327 ng

RT: 12.86 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

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ClientSampleId :

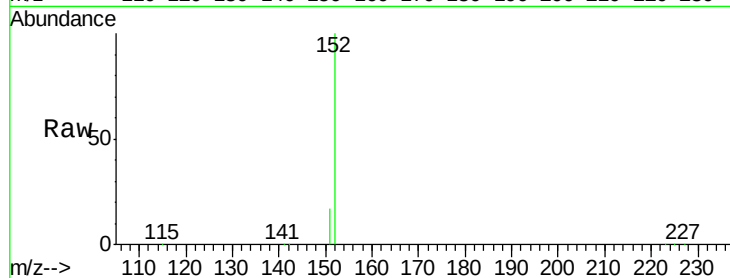
SSTDICC3.2

Tgt Ion:152 Resp: 77942

Ion Ratio Lower Upper

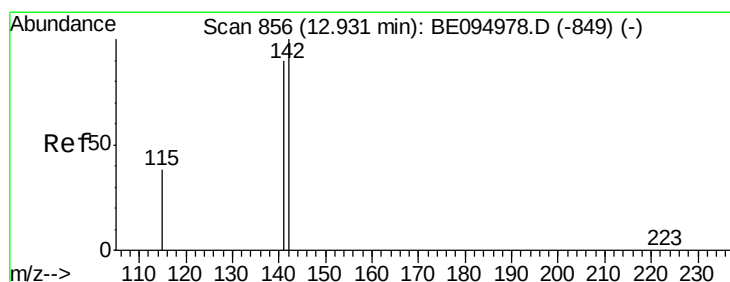
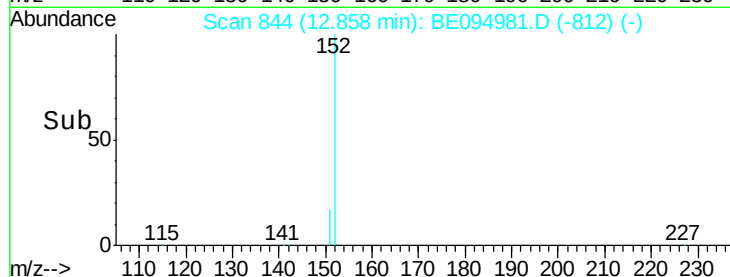
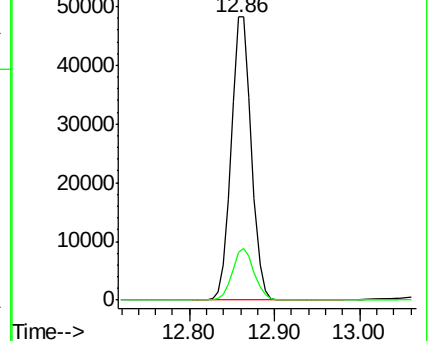
152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.112 ng

RT: 12.93 min Scan# 856

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

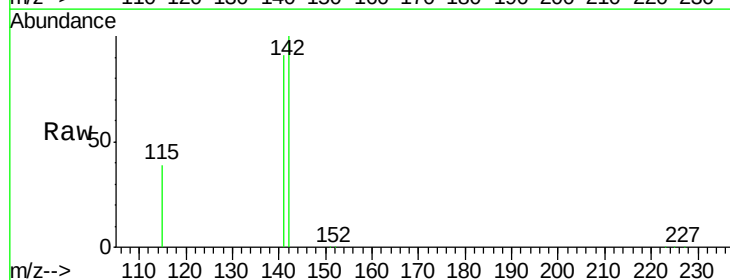
Tgt Ion:142 Resp: 133073

Ion Ratio Lower Upper

142 100

141 90.7 70.4 105.6

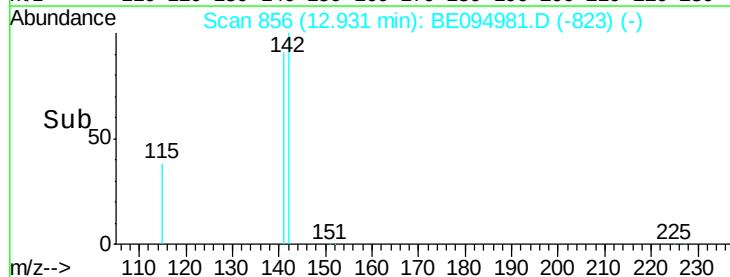
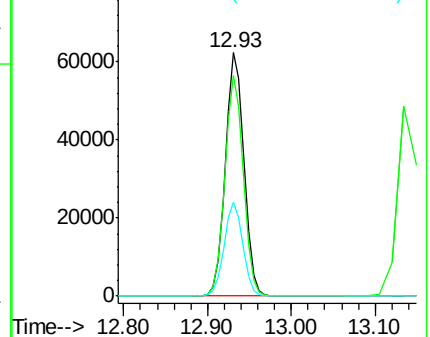
115 38.5 31.7 47.5

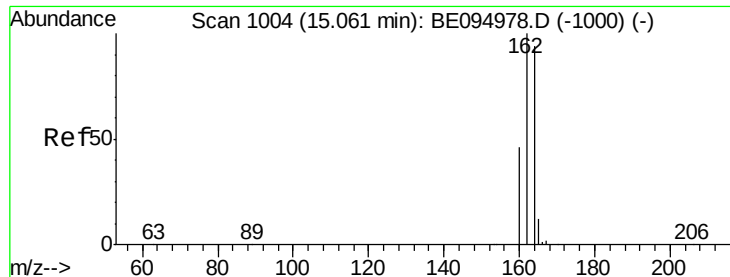


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

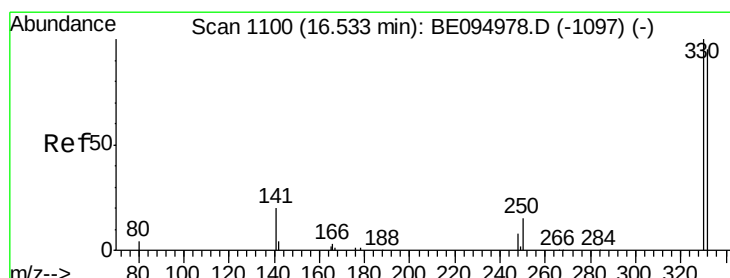
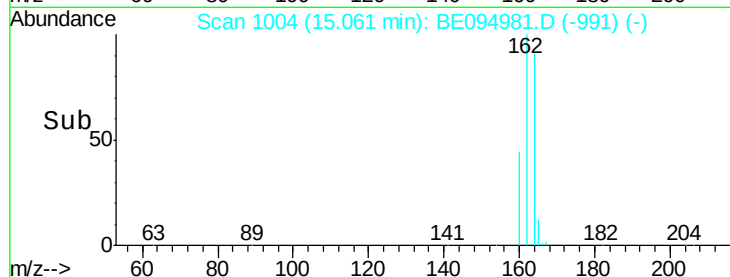
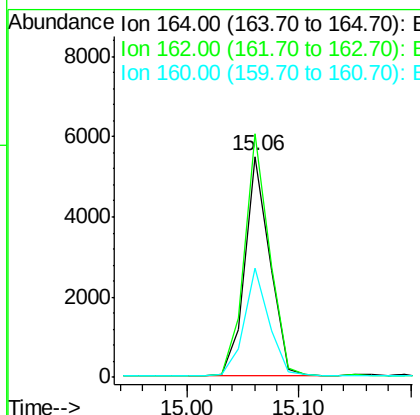
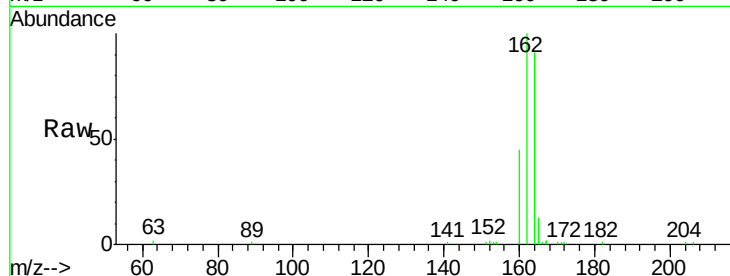




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

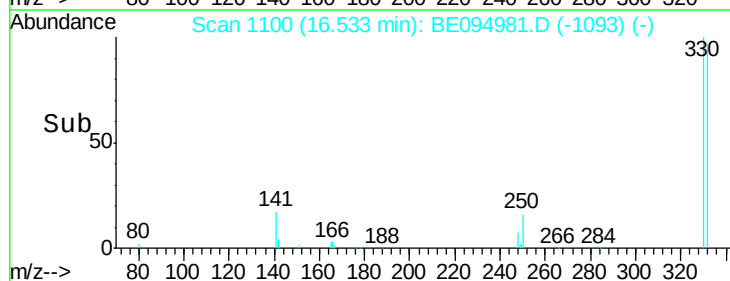
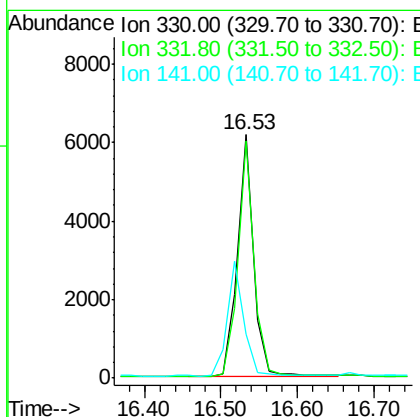
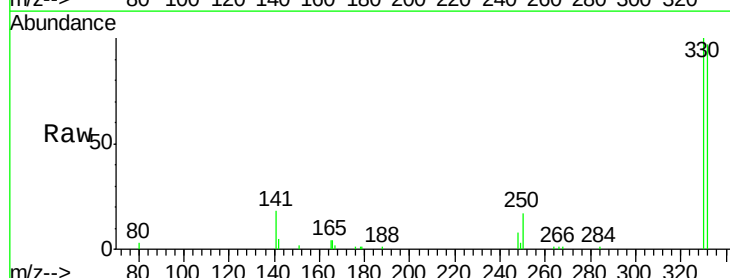
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

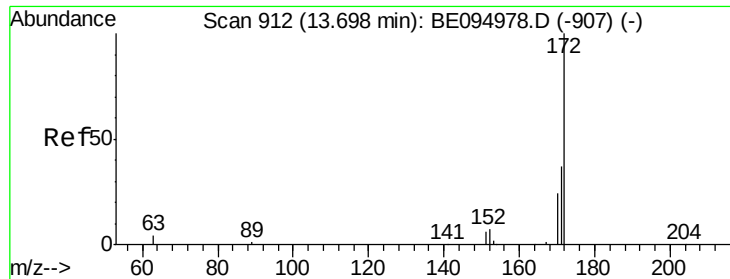
Tgt Ion:164 Resp: 8337
Ion Ratio Lower Upper
164 100
162 110.3 83.1 124.7
160 49.3 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 5.000 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

Tgt Ion:330 Resp: 9011
Ion Ratio Lower Upper
330 100
332 97.1 152.7 229.1#
141 48.3 33.7 50.5

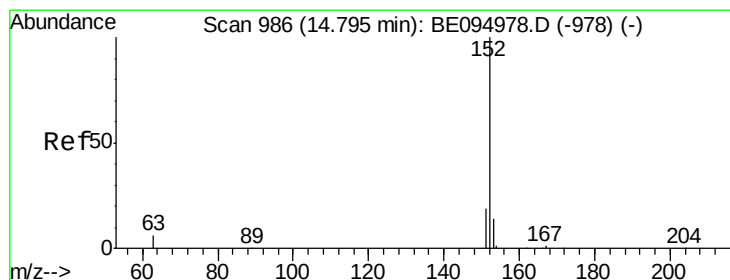
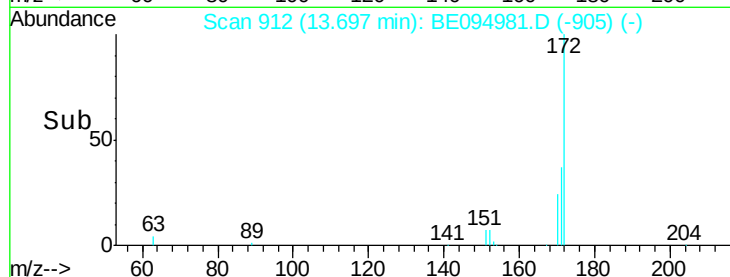
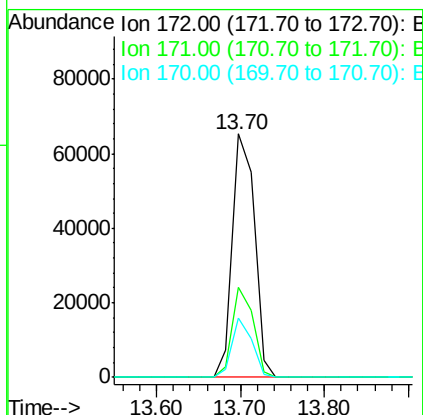
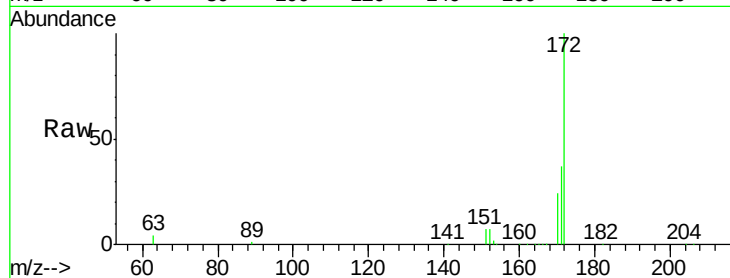




#15
2-Fluorobiphenyl
Concen: 3.296 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

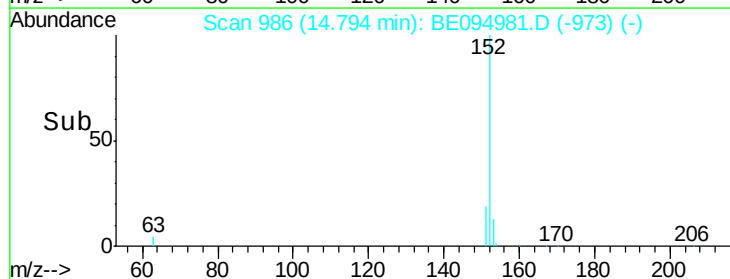
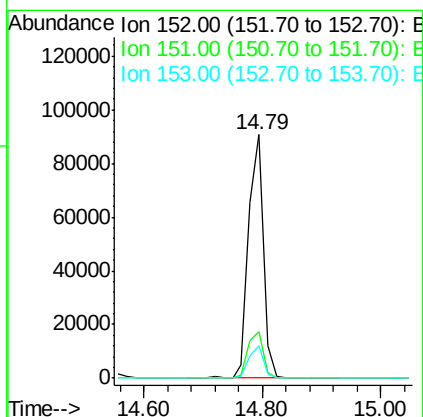
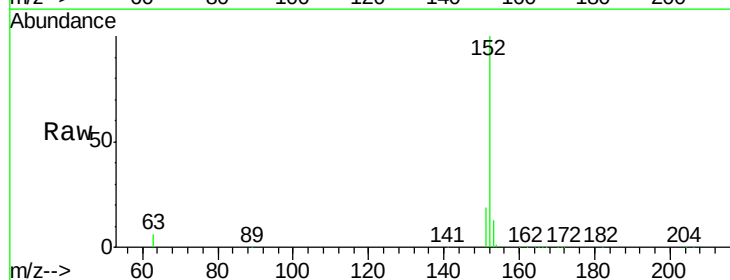
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

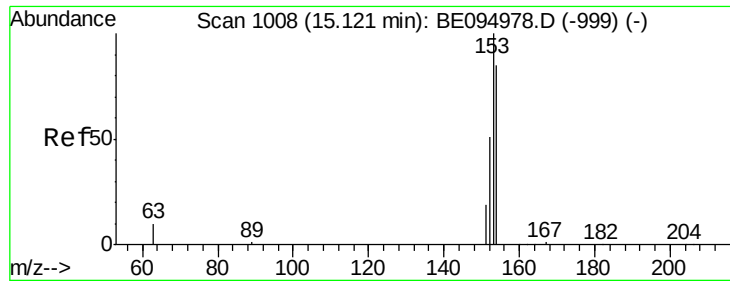
Tgt Ion:172 Resp: 117662
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 3.308 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

Tgt Ion:152 Resp: 155813
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.5 15.7

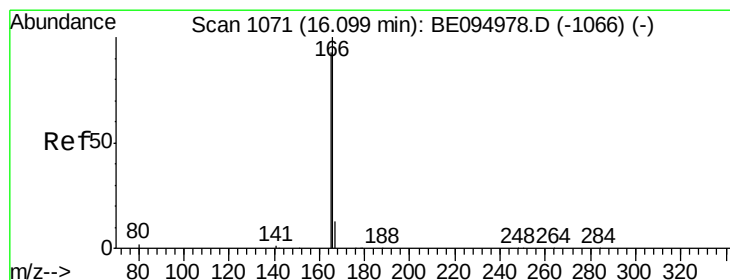
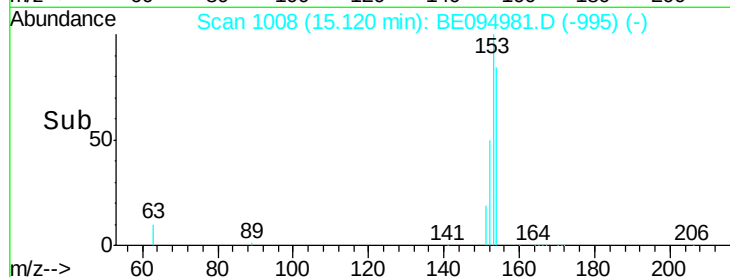
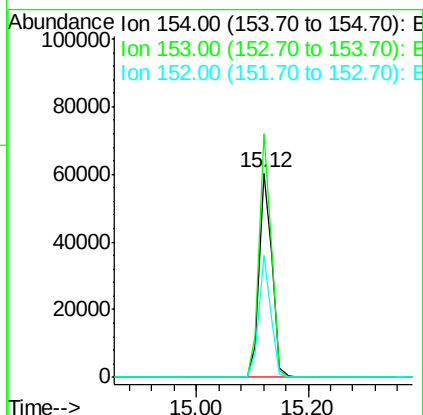
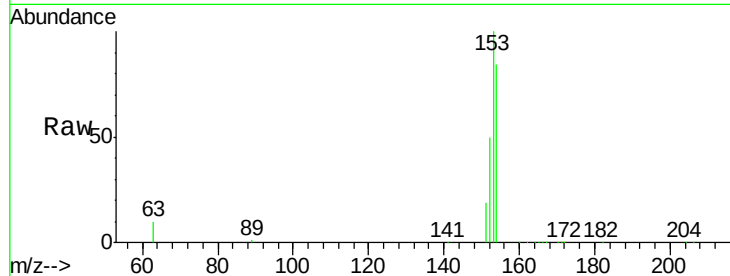




#17
Acenaphthene
Concen: 3.189 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

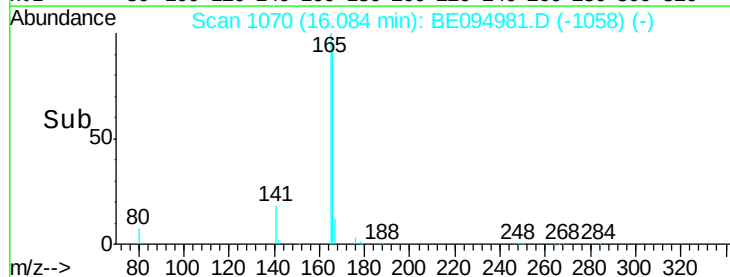
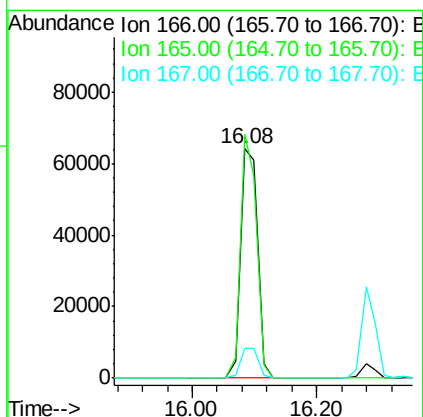
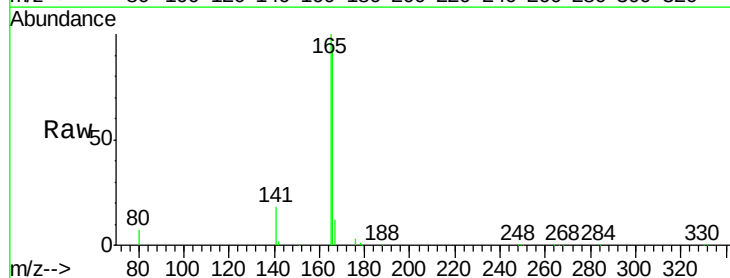
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

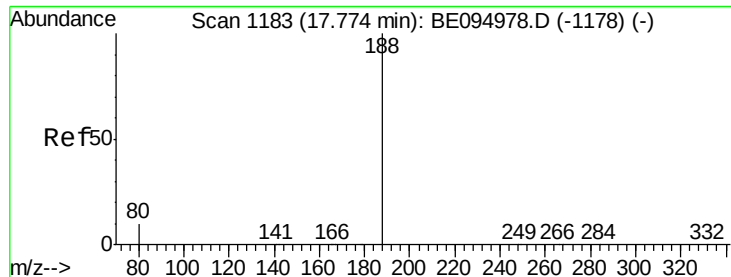
Tgt Ion:154 Resp: 97102
Ion Ratio Lower Upper
154 100
153 114.4 89.2 133.8
152 56.4 42.0 63.0



#18
Fluorene
Concen: 3.111 ng
RT: 16.08 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BE094981.D
Acq: 14 Dec 2017 17:49

Tgt Ion:166 Resp: 120536
Ion Ratio Lower Upper
166 100
165 100.2 77.8 116.6
167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

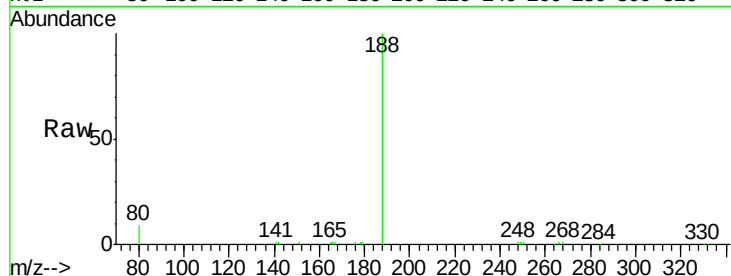
Tgt Ion:188 Resp: 18805

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

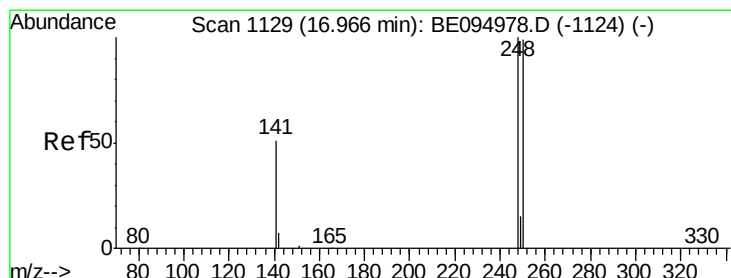
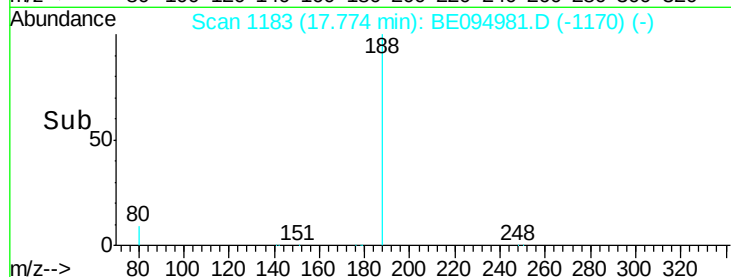
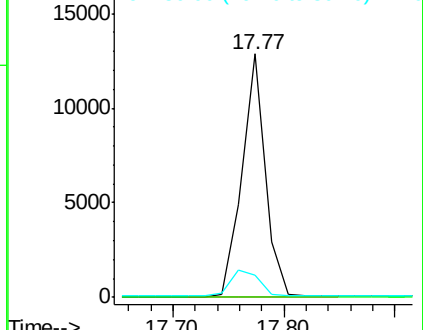
80 9.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.524 ng

RT: 16.97 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

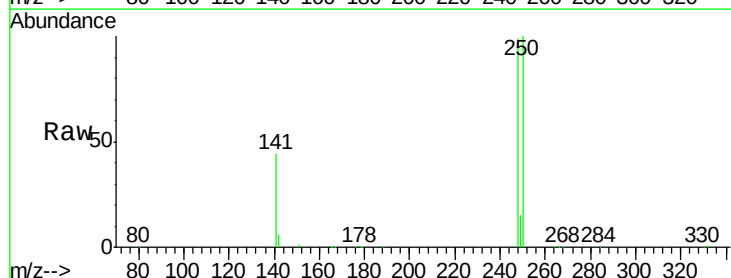
Tgt Ion:248 Resp: 36974

Ion Ratio Lower Upper

248 100

250 101.4 62.7 94.1#

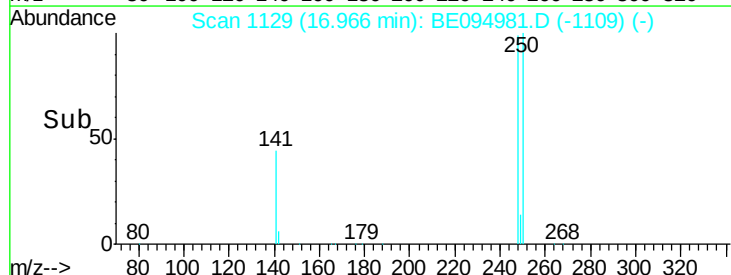
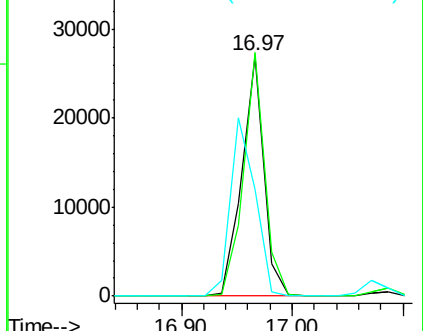
141 44.6 48.2 72.2#

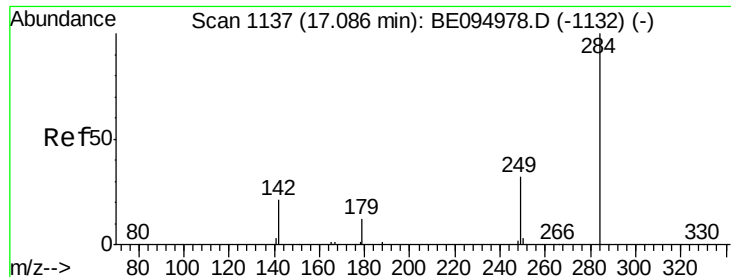


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.526 ng

RT: 17.09 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

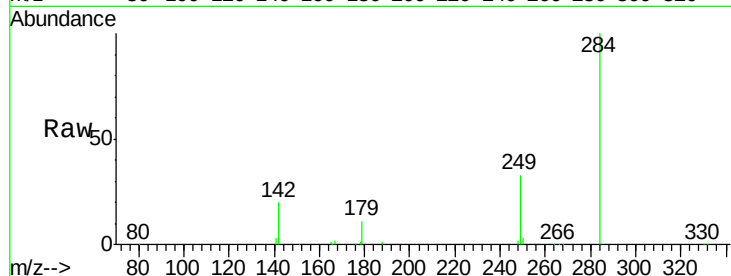
Tgt Ion:284 Resp: 36085

Ion Ratio Lower Upper

284 100

142 41.5 22.1 33.1#

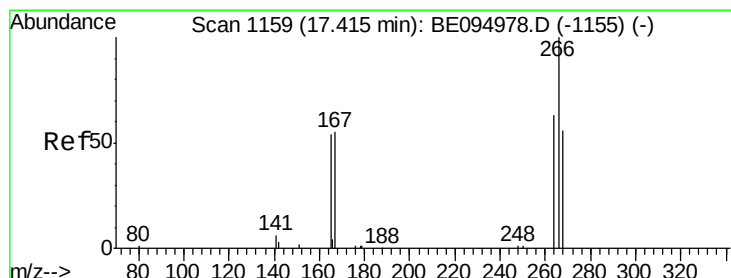
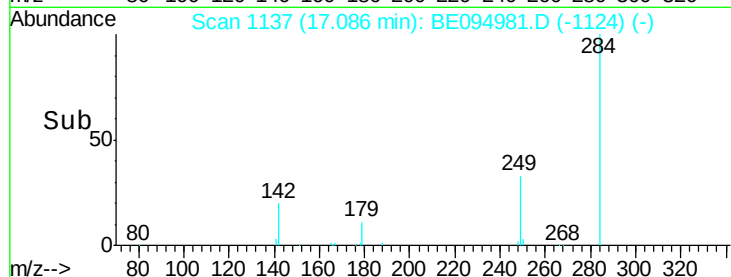
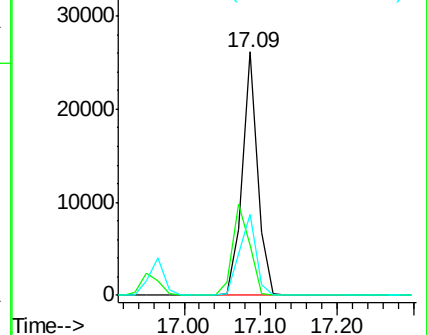
249 35.6 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 4.550 ng

RT: 17.42 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

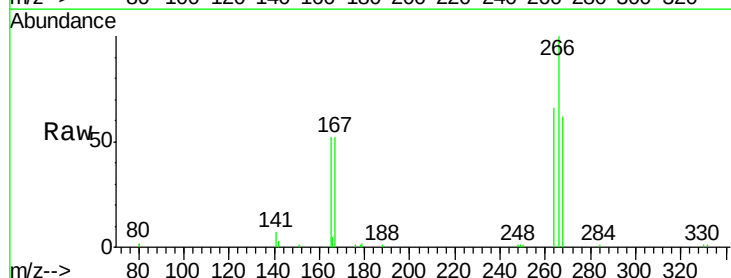
Tgt Ion:266 Resp: 11503

Ion Ratio Lower Upper

266 100

264 65.8 72.5 108.7#

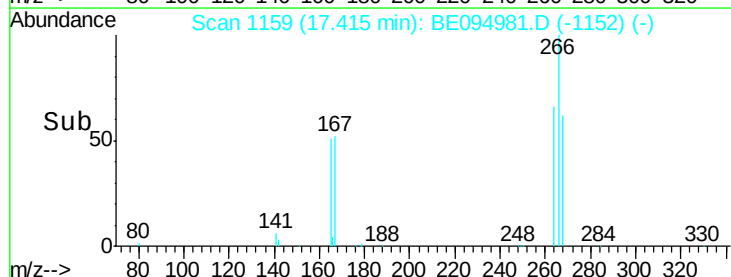
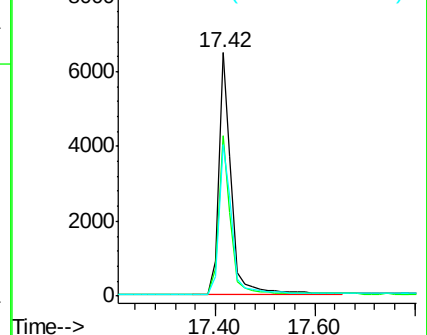
268 62.1 73.8 110.6#

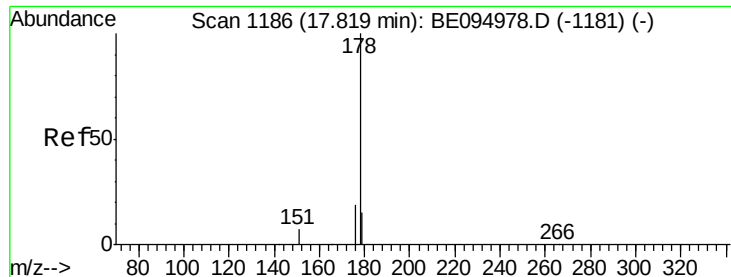


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.175 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

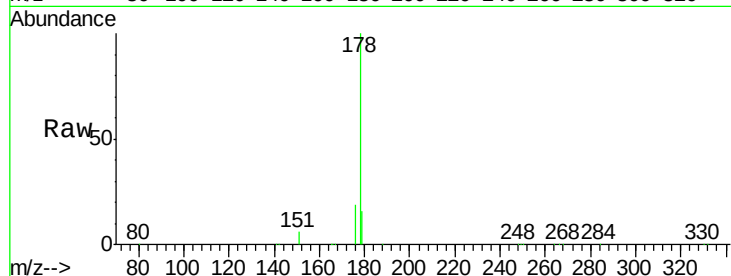
Tgt Ion:178 Resp: 190265

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

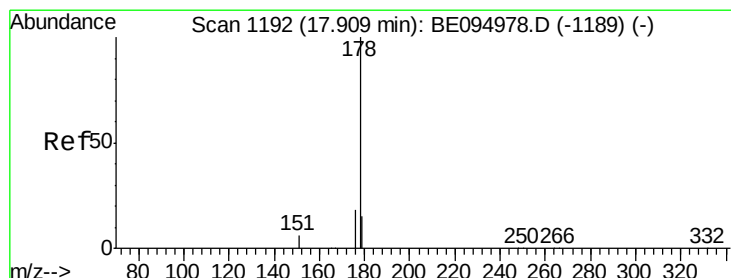
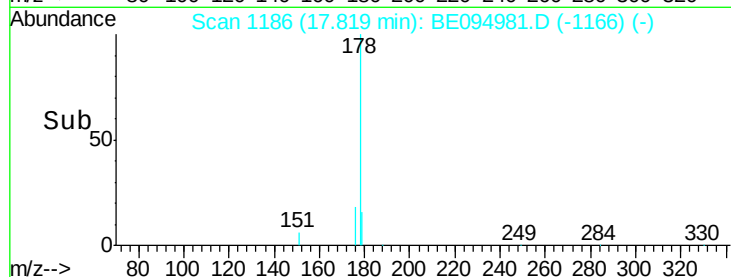
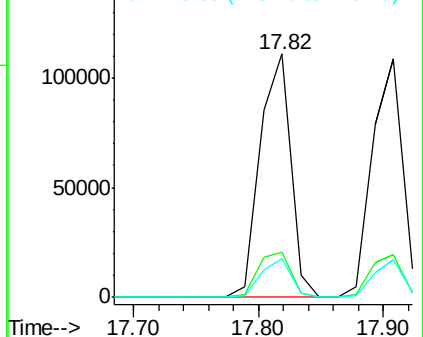
179 15.3 11.8 17.6



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: 3.250 ng

RT: 17.91 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

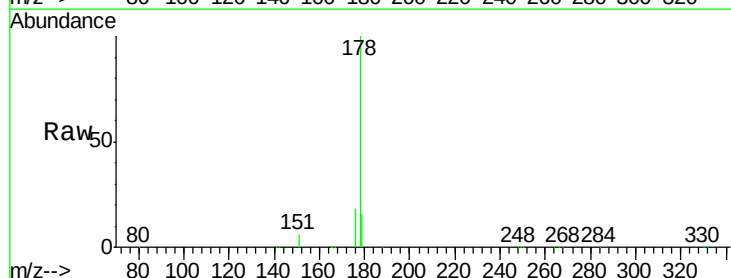
Tgt Ion:178 Resp: 206462

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

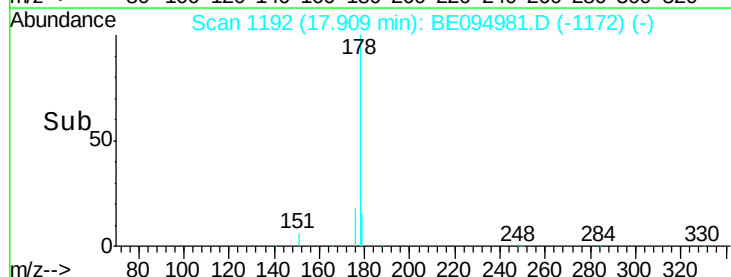
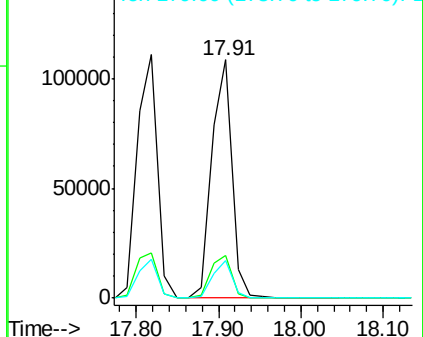
179 15.4 13.0 19.6

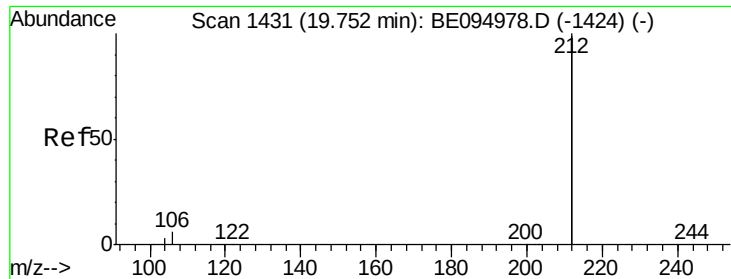


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.265 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

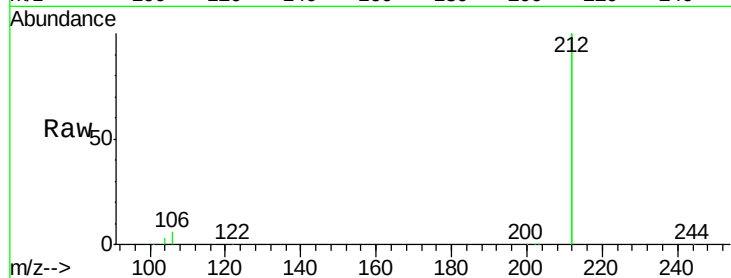
Tgt Ion:212 Resp: 839085

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

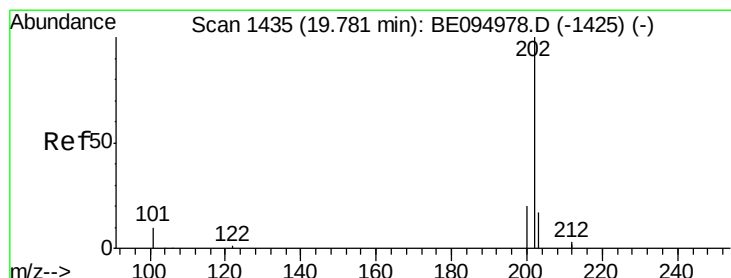
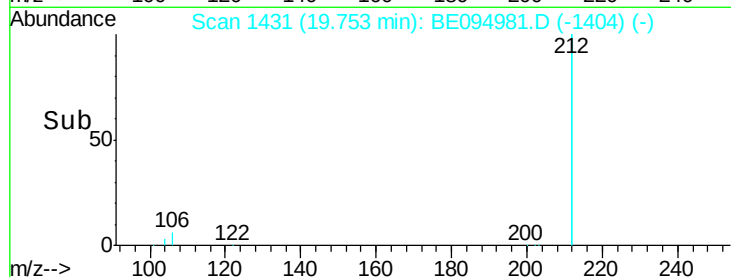
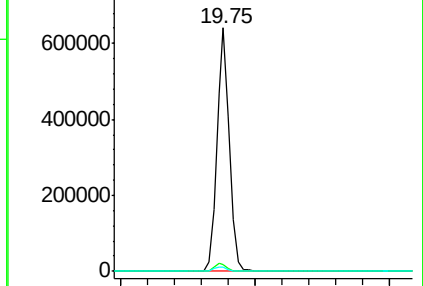
104 1.8 1.6 2.4



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: 3.285 ng

RT: 19.78 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

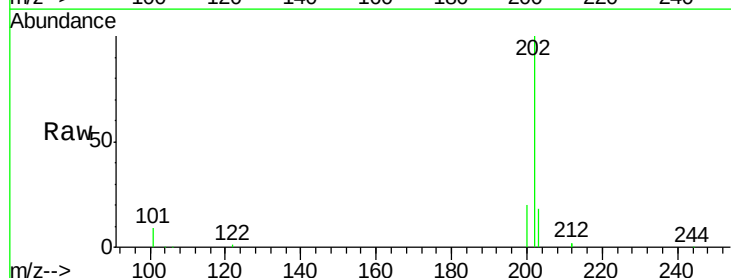
Tgt Ion:202 Resp: 253001

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

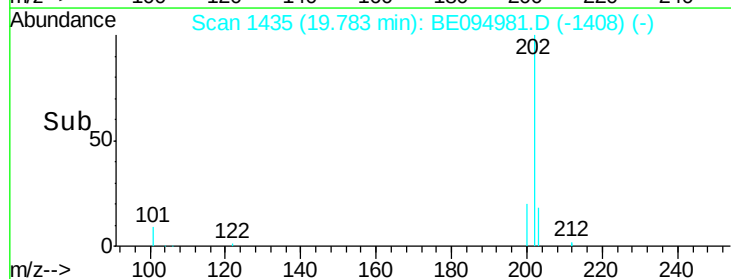
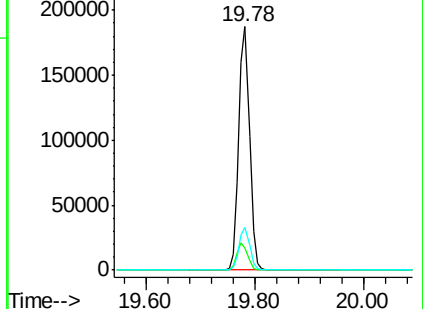
203 17.2 13.7 20.5

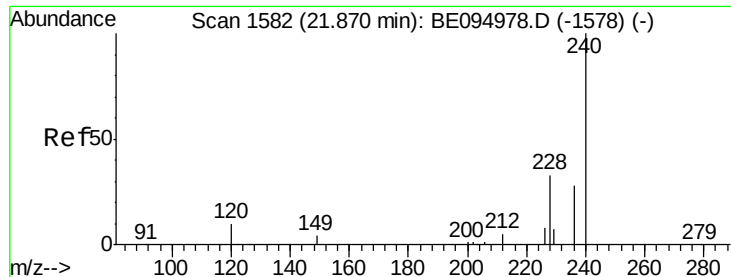


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

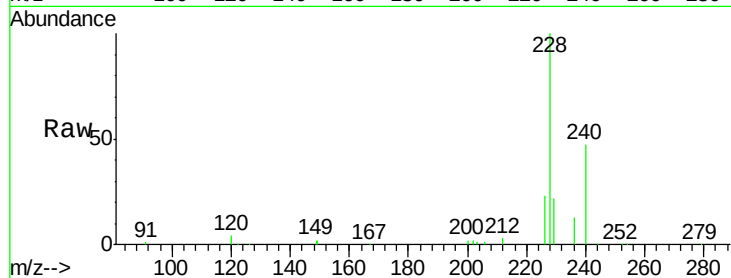
Tgt Ion:240 Resp: 24181

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

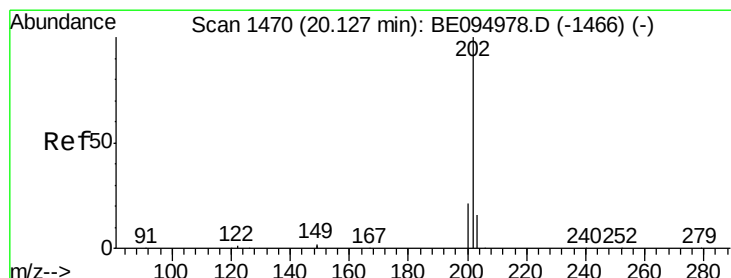
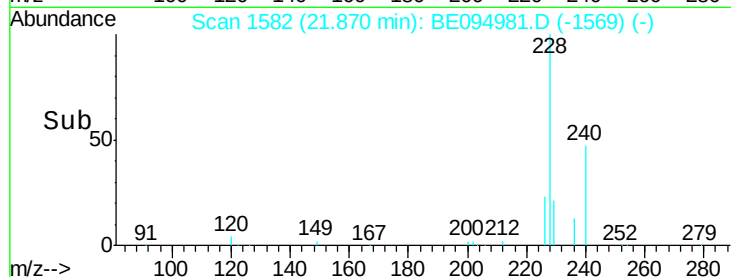
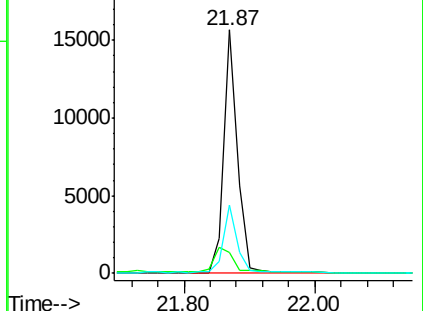
236 27.9 20.7 31.1



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: 3.003 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

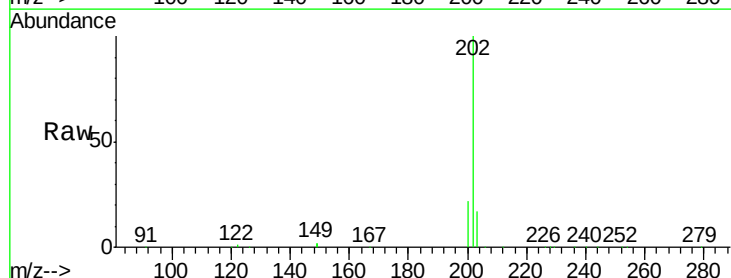
Tgt Ion:202 Resp: 250744

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

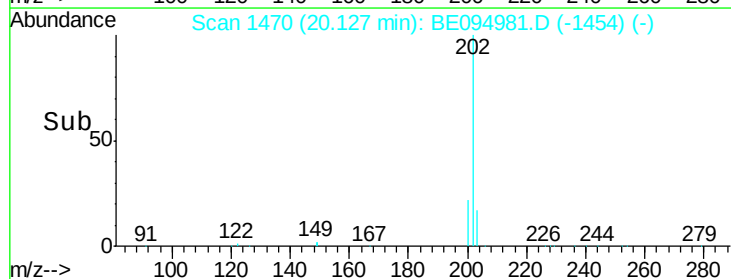
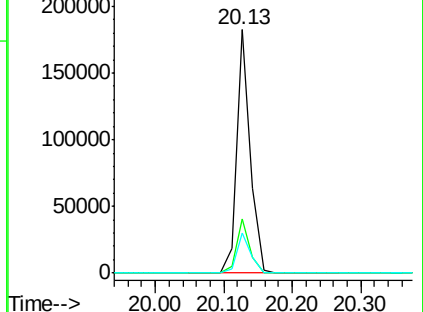
203 19.2 13.8 20.8

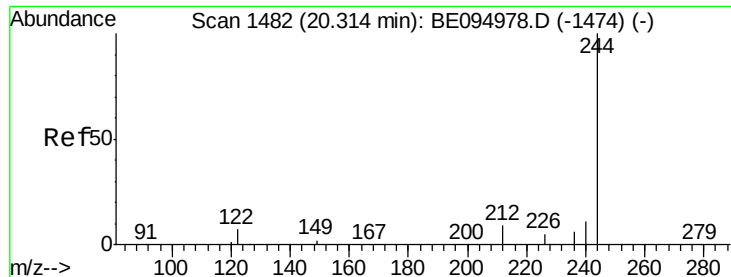


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.204 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

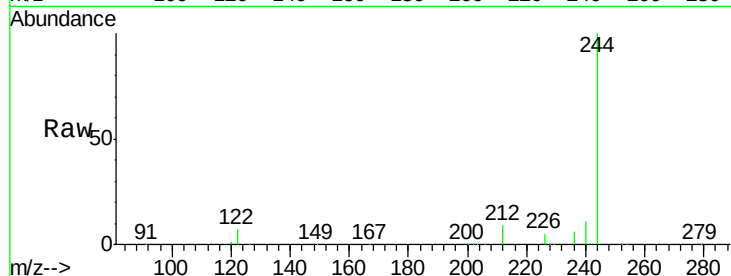
Tgt Ion:244 Resp: 143078

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

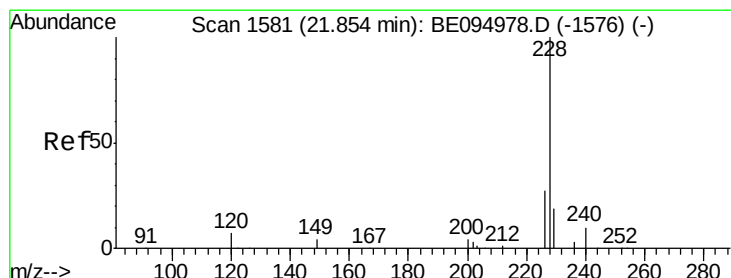
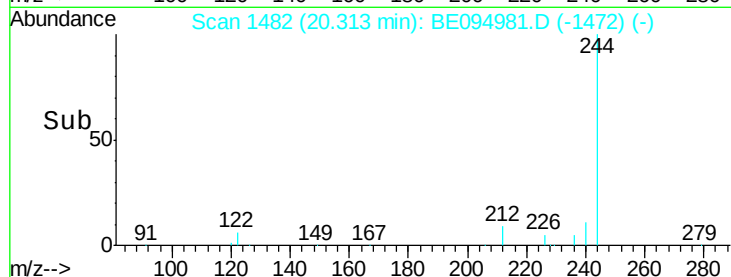
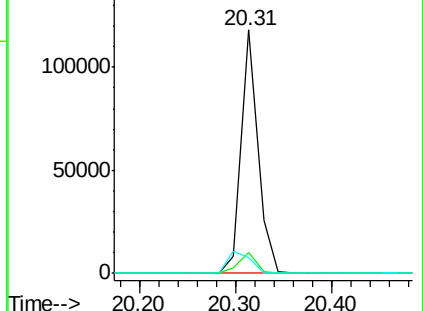
122 6.5 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.103 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

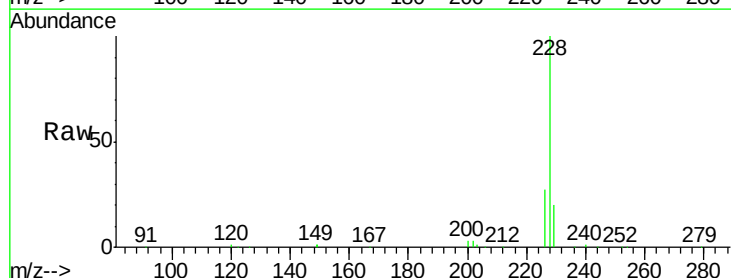
Tgt Ion:228 Resp: 230085

Ion Ratio Lower Upper

228 100

226 26.9 40.0 60.0#

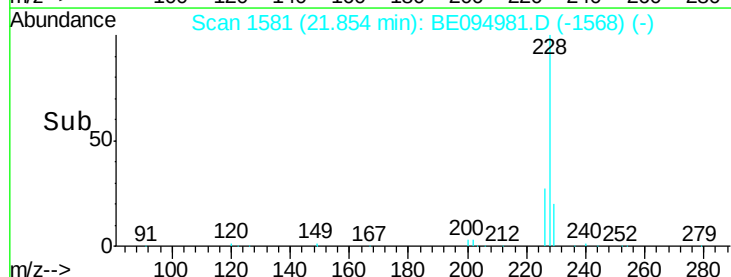
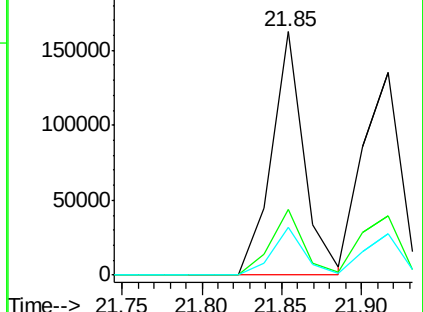
229 19.7 40.0 60.0#

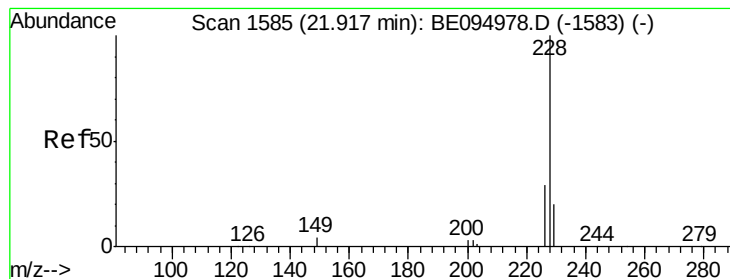


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.932 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

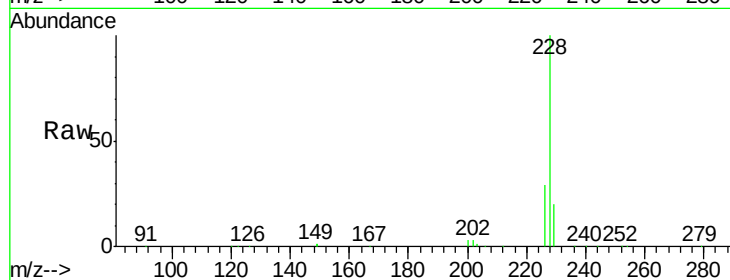
Tgt Ion: 228 Resp: 240261

Ion Ratio Lower Upper

228 100

226 29.0 40.0 60.0#

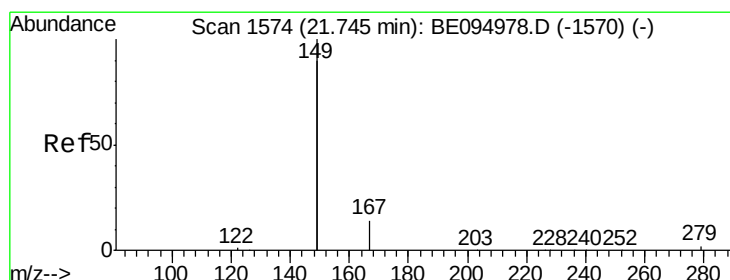
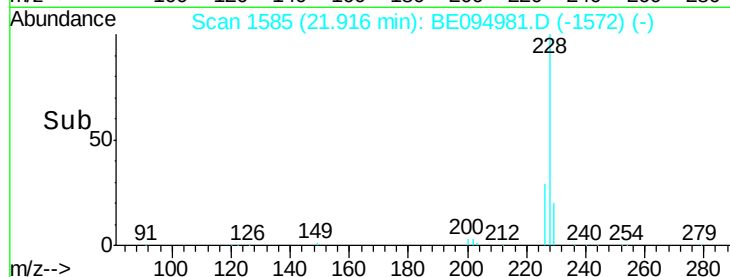
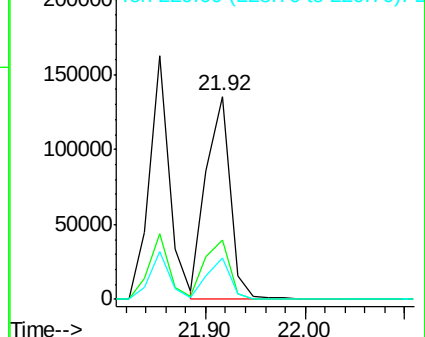
229 20.3 40.0 60.0#



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: 2.822 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

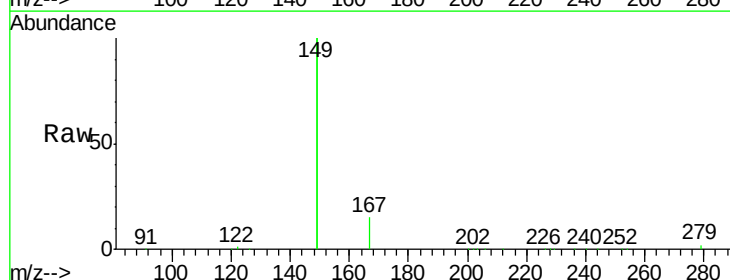
Tgt Ion: 149 Resp: 346823

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

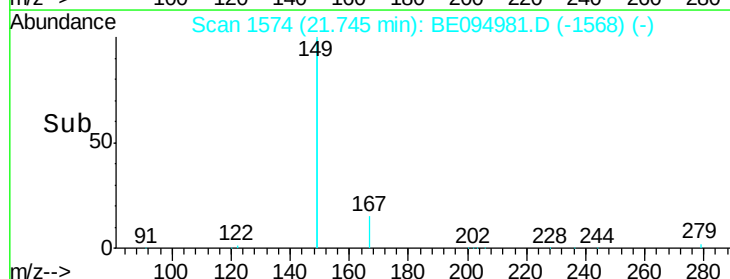
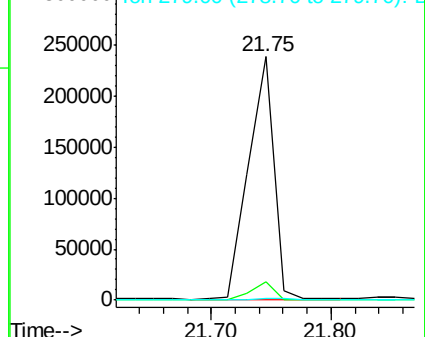
279 0.8 0.7 1.1

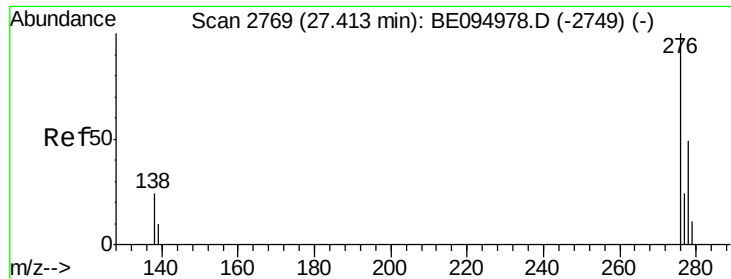


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.080 ng

RT: 27.41 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

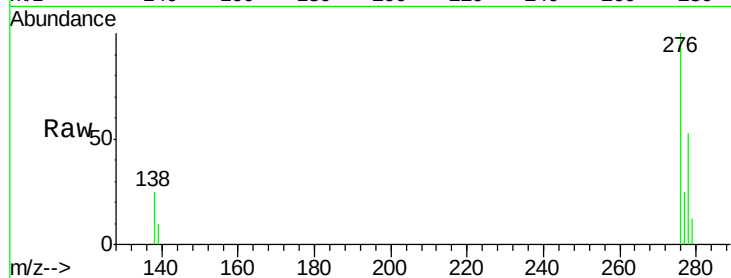
Tgt Ion:276 Resp: 206534

Ion Ratio Lower Upper

276 100

138 26.8 22.5 33.7

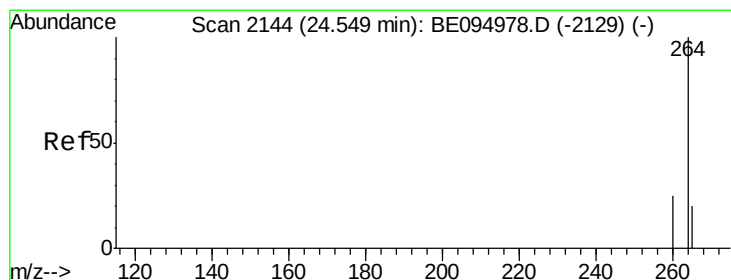
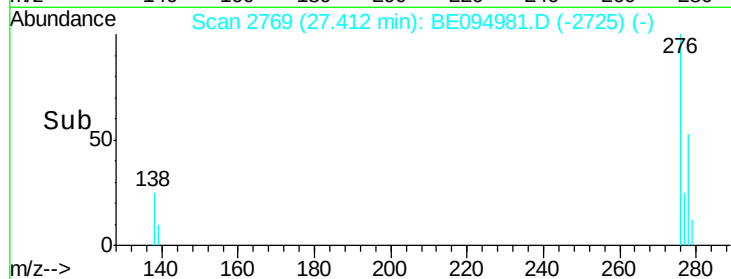
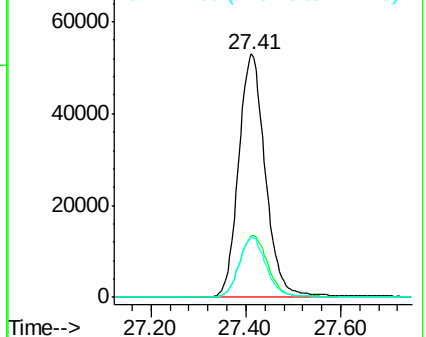
277 25.0 19.9 29.9



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: 24.55 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

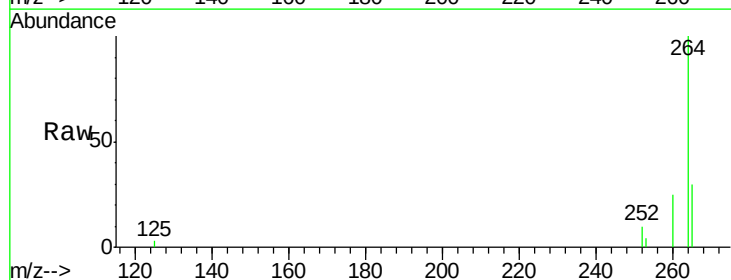
Tgt Ion:264 Resp: 16922

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

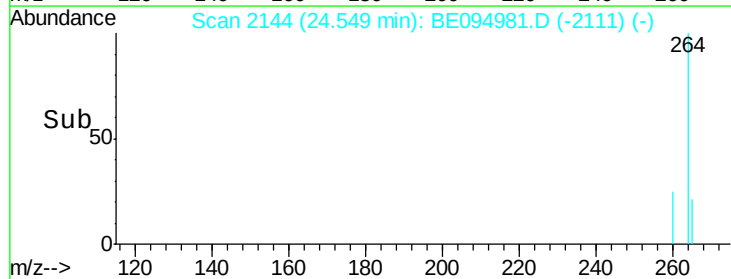
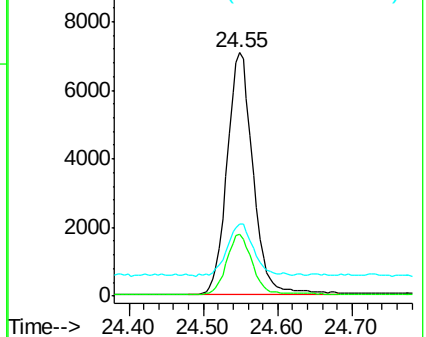
265 29.7 22.8 34.2

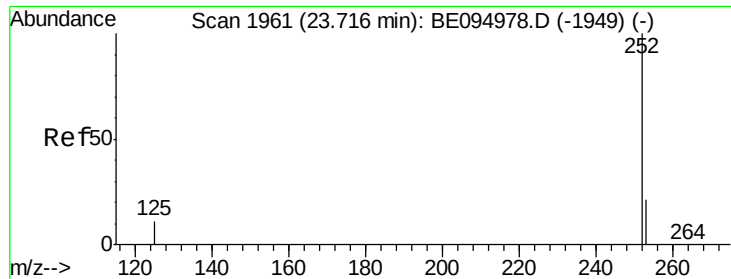


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.253 ng

RT: 23.72 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

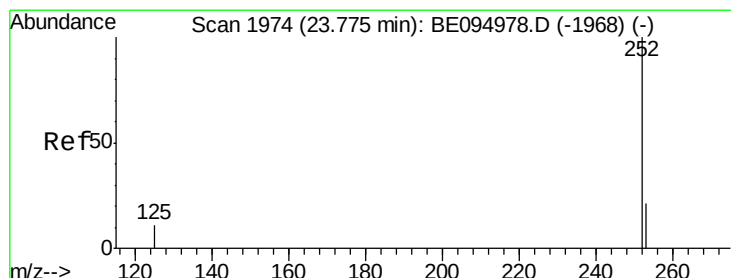
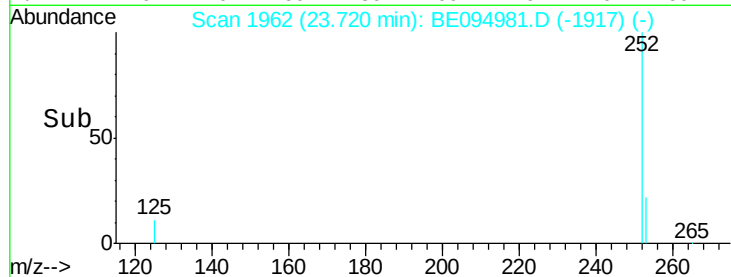
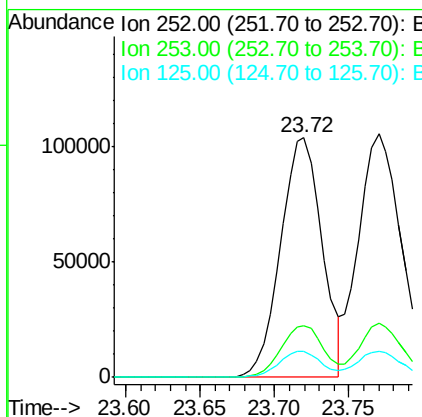
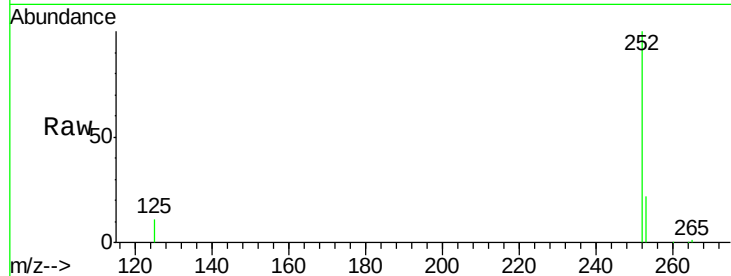
Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:252 Resp: 200970
 Ion Ratio Lower Upper
 252 100
 253 21.8 20.0 30.0
 125 10.8 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 3.452 ng

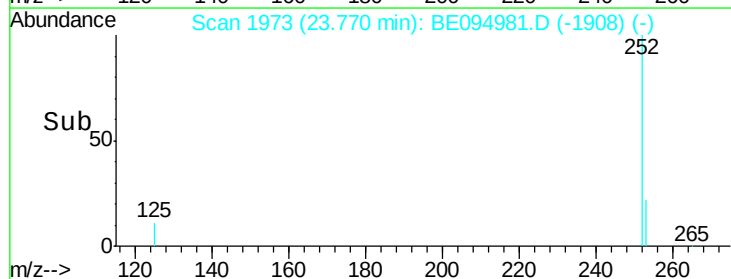
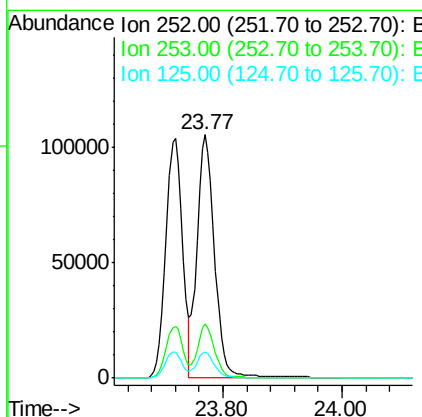
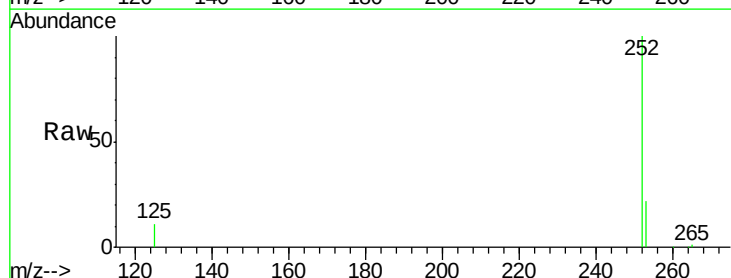
RT: 23.77 min Scan# 1973

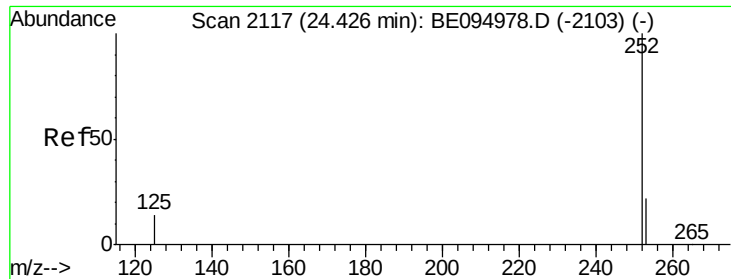
Delta R.T. -0.01 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Tgt Ion:252 Resp: 217387
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.0 24.0
 125 10.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 3.397 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

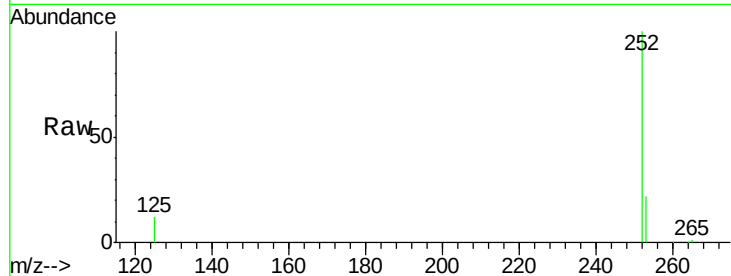
Tgt Ion:252 Resp: 184006

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

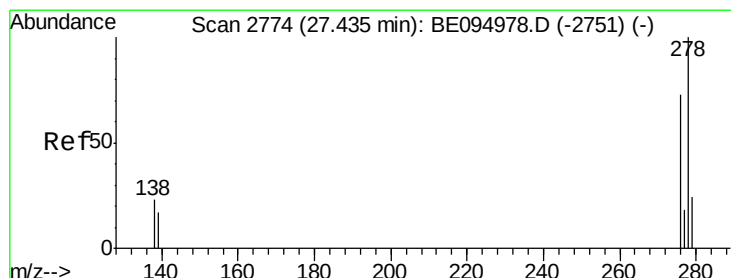
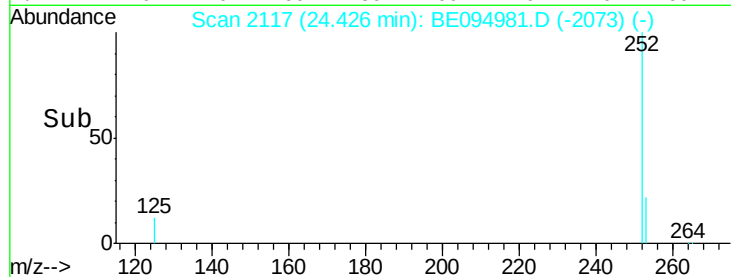
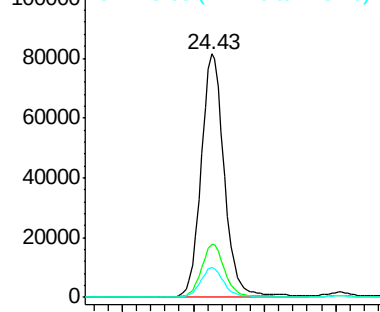
125 12.1 12.0 18.0



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: 3.512 ng

RT: 27.43 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BE094981.D

Acq: 14 Dec 2017 17:49

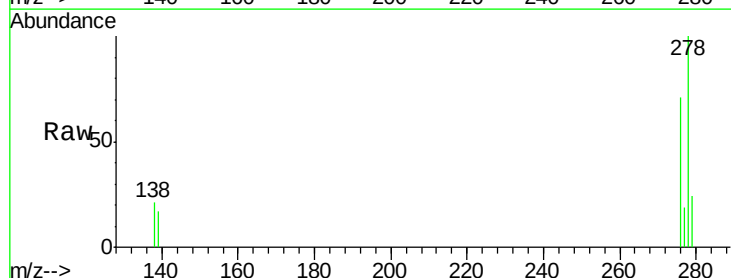
Tgt Ion:278 Resp: 175734

Ion Ratio Lower Upper

278 100

139 17.3 16.0 24.0

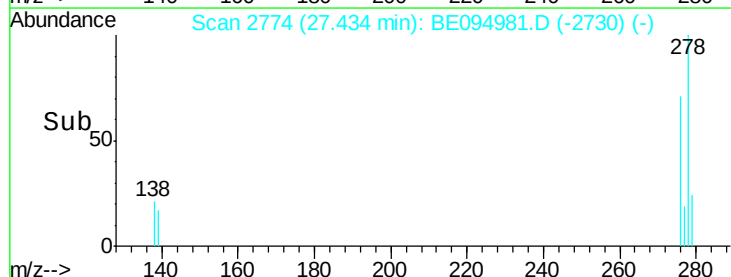
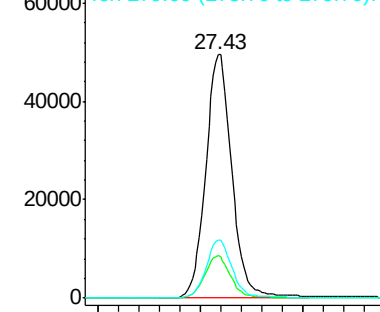
279 23.8 20.0 30.0

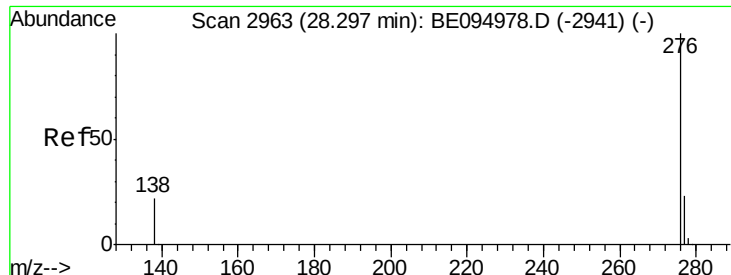


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 3.438 ng

RT: 28.30 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BE094981.D

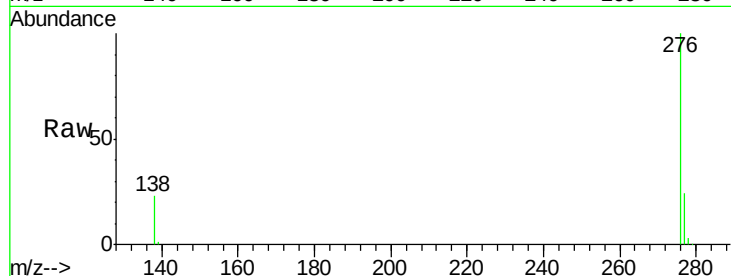
Acq: 14 Dec 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 171808

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 23.2 20.0 30.0

