

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094784.D
 Acq On : 8 Nov 2017 15:43
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Nov 09 00:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1166	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	6990	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3738	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	8271	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8432	0.40	ng	0.01
34) Perylene-d12	23.98	264	7469	0.40	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.58	112	1227	0.31	ng	0.05
5) Phenol-d6	7.20	99	2319	0.38	ng	0.06
8) Nitrobenzene-d5	9.13	82	1813	0.32	ng	0.05
11) 2-Methylnaphthalene-d10	12.30	152	3985	0.36	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	356	0.35	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	4967	0.38	ng	0.02
25) Fluoranthene-d10	19.30	212	36065	0.34	ng	0.01
29) Terphenyl-d14	19.87	244	5939	0.37	ng	0.00

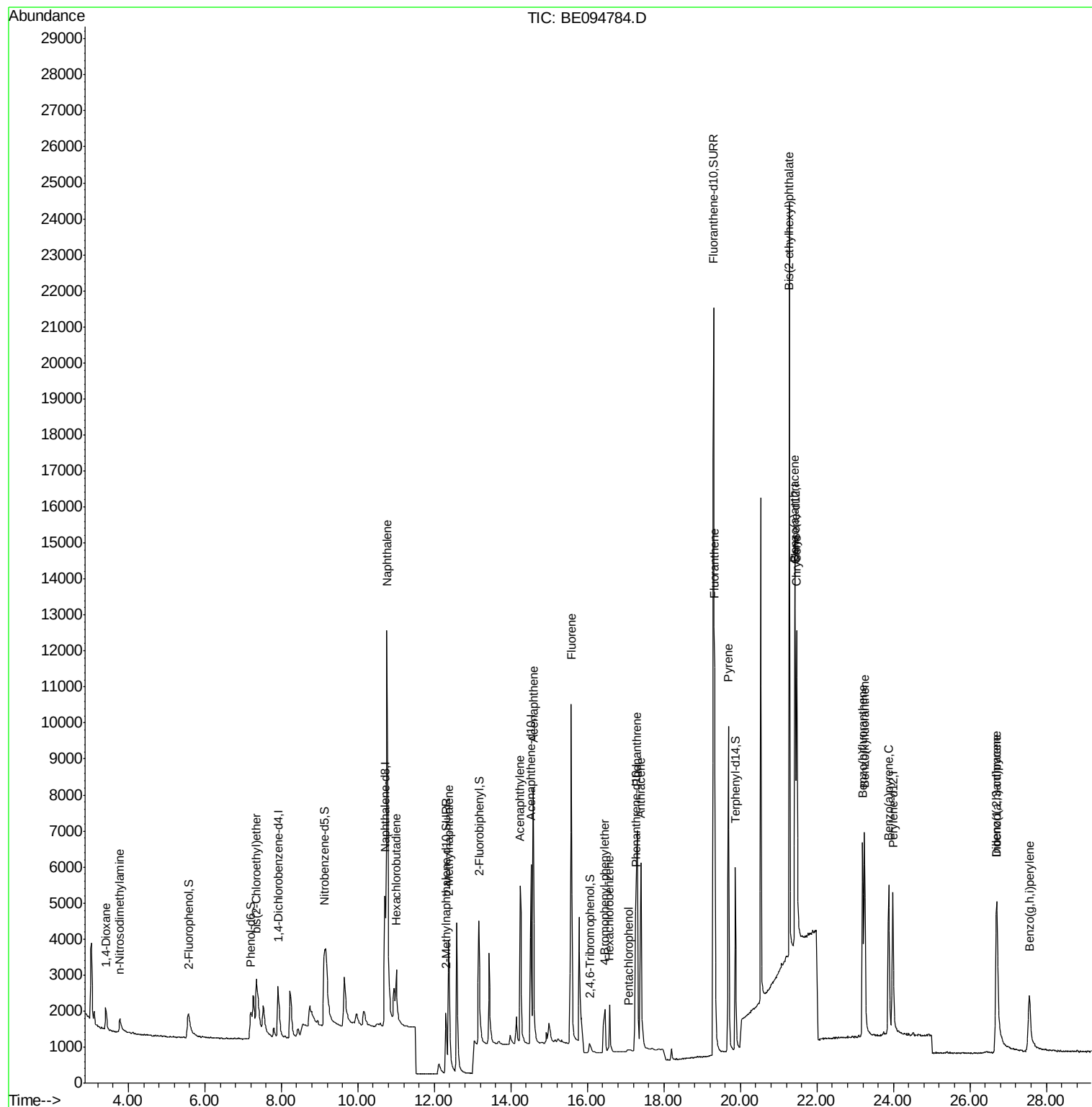
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	721	0.37	ng	# 81
3) n-Nitrosodimethylamine	3.78	42	547	0.29	ng	# 82
6) bis(2-Chloroethyl)ether	7.35	93	1678	0.36	ng	# 57
9) Naphthalene	10.76	128	28013	0.35	ng	100
10) Hexachlorobutadiene	11.01	225	1145	0.40	ng	96
12) 2-Methylnaphthalene	12.38	142	4622	0.34	ng	98
16) Acenaphthylene	14.24	152	7228	0.37	ng	99
17) Acenaphthene	14.58	154	4670	0.37	ng	99
18) Fluorene	15.58	166	5801	0.36	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1289	0.29	ng	# 65
21) Hexachlorobenzene	16.58	284	1915	0.48	ng	# 82
22) Pentachlorophenol	17.07	266	113	0.22	ng	99
23) Phenanthrene	17.30	178	9974	0.46	ng	97
24) Anthracene	17.40	178	9252	0.38	ng	99
26) Fluoranthene	19.33	202	10723	0.33	ng	98
28) Pyrene	19.69	202	11295	0.38	ng	98
30) Benzo(a)anthracene	21.42	228	10281	0.37	ng	# 64
31) Chrysene	21.47	228	10472	0.38	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.28	149	25540	0.38	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	7166	0.28	ng	97
35) Benzo(b)fluoranthene	23.20	252	8635	0.36	ng	# 44
36) Benzo(k)fluoranthene	23.25	252	10300	0.40	ng	# 44
37) Benzo(a)pyrene	23.88	252	9077	0.39	ng	# 38
38) Dibenzo(a,h)anthracene	26.69	278	6778	0.32	ng	# 52
39) Benzo(g,h,i)perylene	27.56	276	5317	0.27	ng	# 64

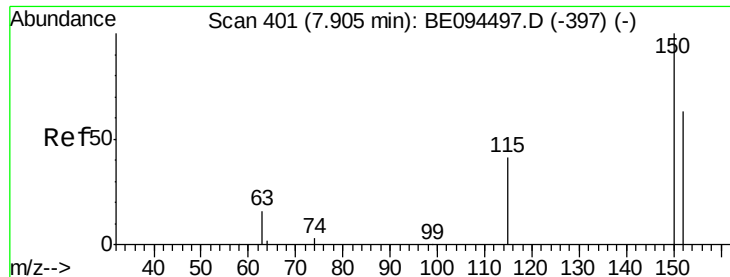
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

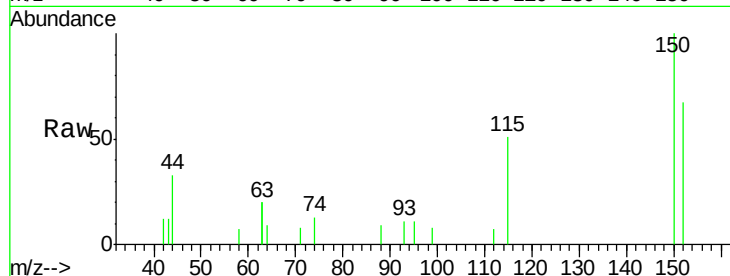
Tot Ion:152 Resp: 1166

Ion Ratio Lower Upper

152 100

150 149.1 117.2 175.8

115 75.6 57.0 85.6



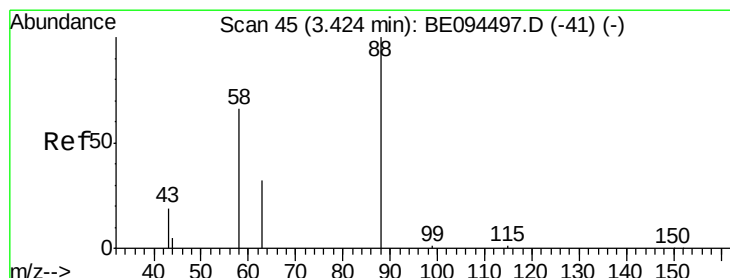
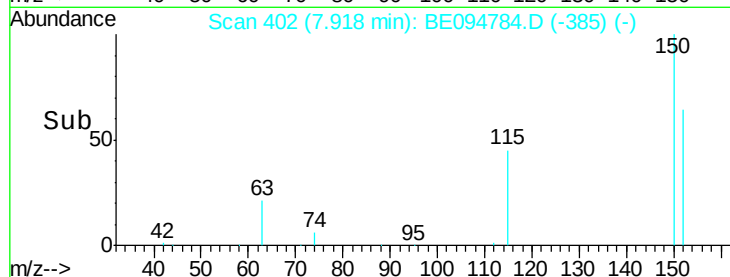
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.92

Time-->



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

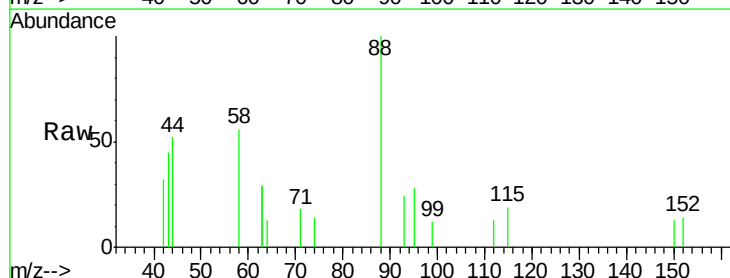
Tgt Ion: 88 Resp: 721

Ion Ratio Lower Upper

88 100

58 71.0 63.2 94.8

43 26.8 41.2 61.8#



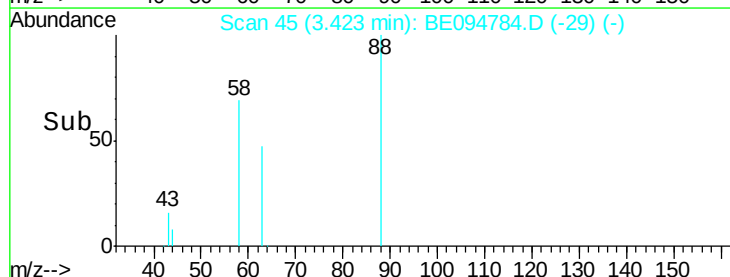
Abundance Ion 88.00 (87.70 to 88.70): BE0

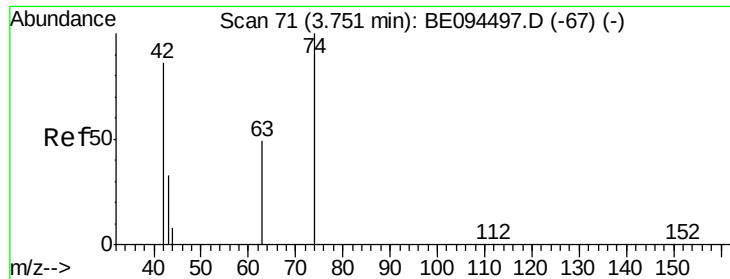
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.42

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.29 ng

RT: 3.78 min Scan# 73

Delta R.T. 0.02 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

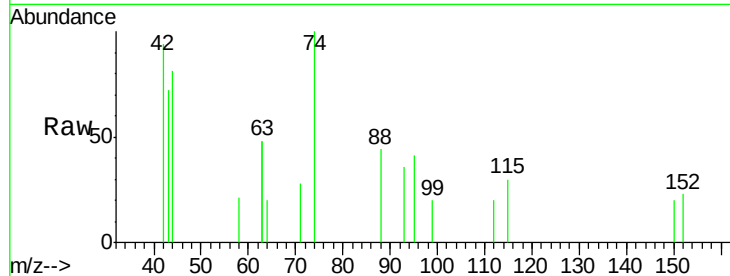
Tot Ion: 42 Resp: 547

Ion Ratio Lower Upper

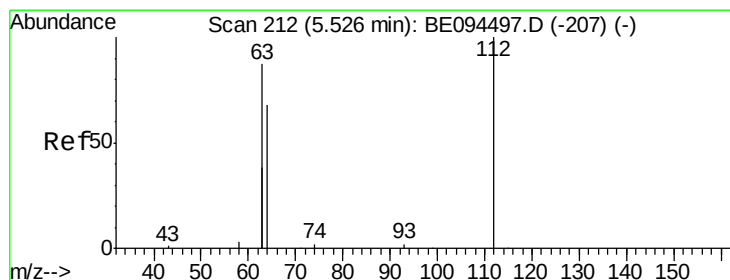
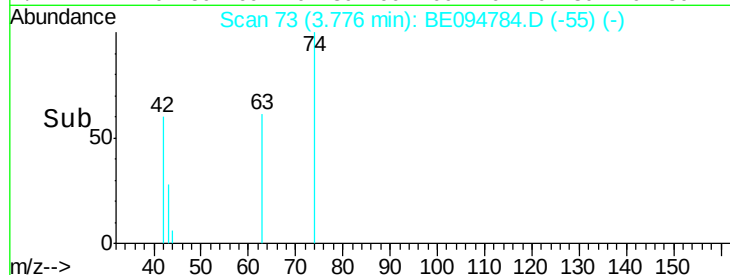
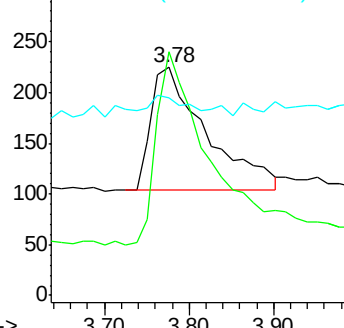
42 100

74 147.2 100.3 150.5

44 15.2 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: 0.31 ng

RT: 5.58 min Scan# 216

Delta R.T. 0.05 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

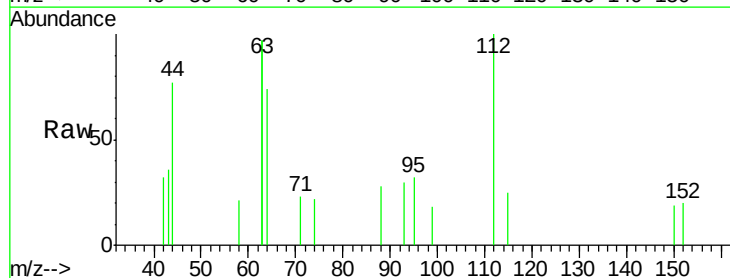
Tgt Ion: 112 Resp: 1227

Ion Ratio Lower Upper

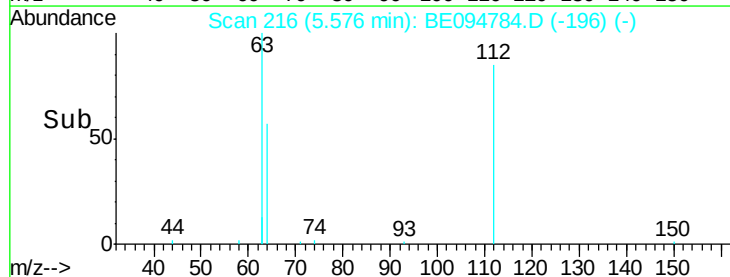
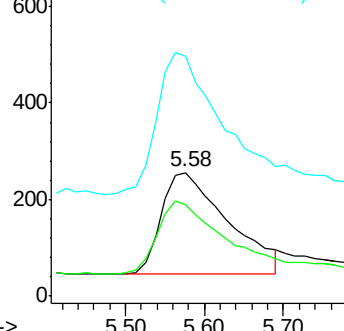
112 100

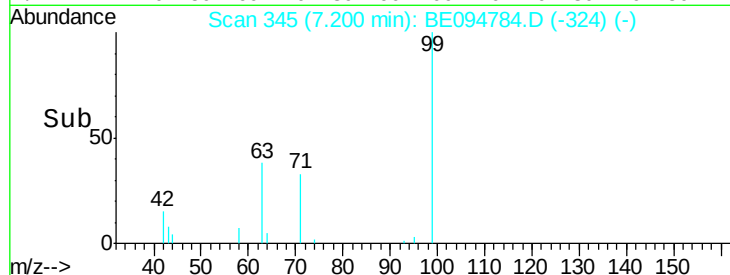
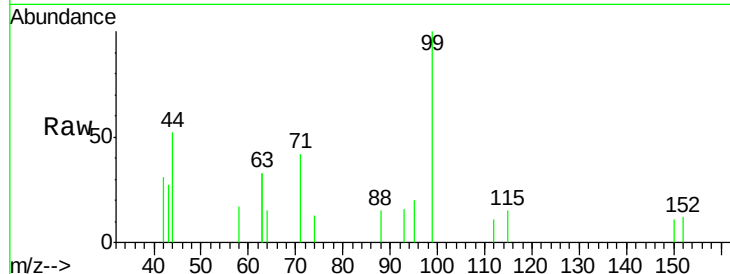
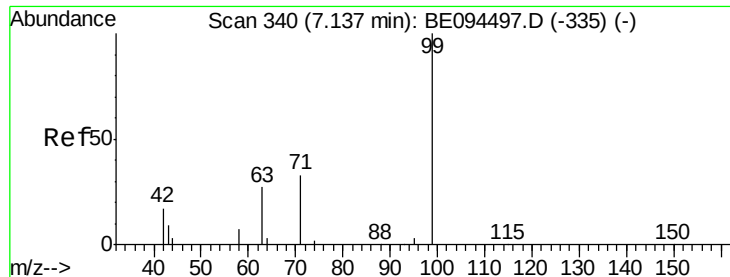
64 71.7 60.1 90.1

63 139.3 116.8 175.2



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

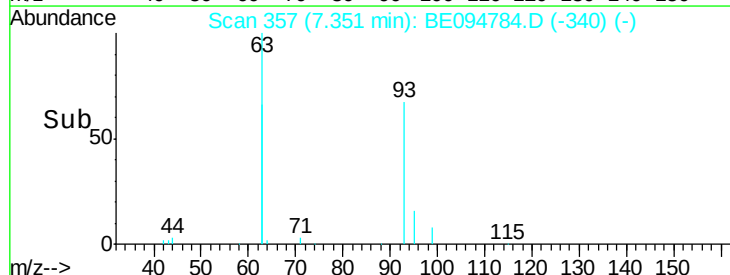
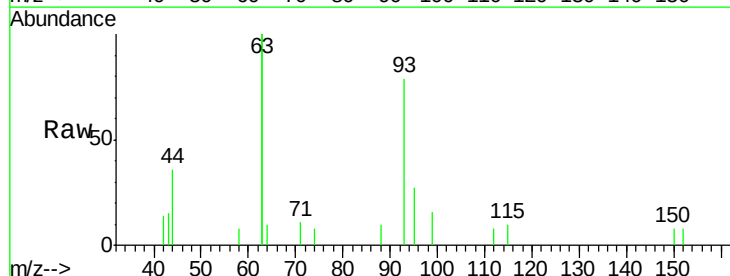
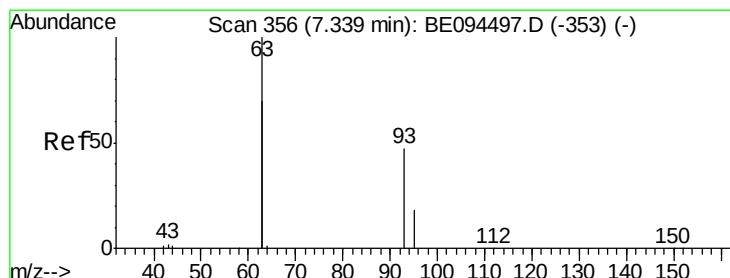
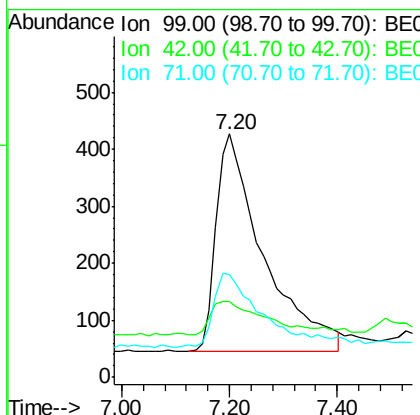




#5
Phenol-d6
Concen: 0.38 ng
RT: 7.20 min Scan# 345
Delta R.T. 0.06 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

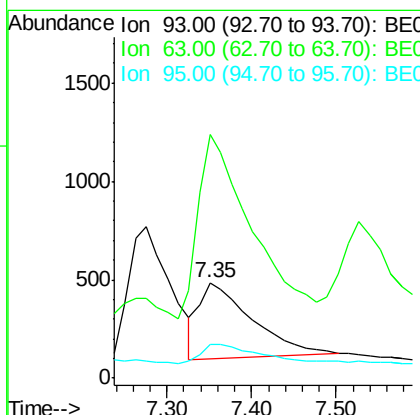
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

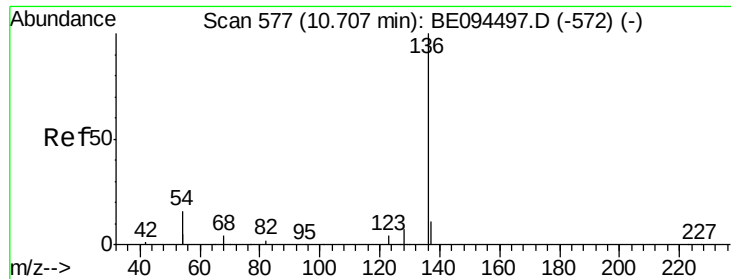
Tot Ion: 99 Resp: 2319
Ion Ratio Lower Upper
99 100
42 18.2 20.2 30.2#
71 35.3 28.4 42.6



#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion: 93 Resp: 1678
Ion Ratio Lower Upper
93 100
63 245.5 275.3 412.9#
95 26.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6990

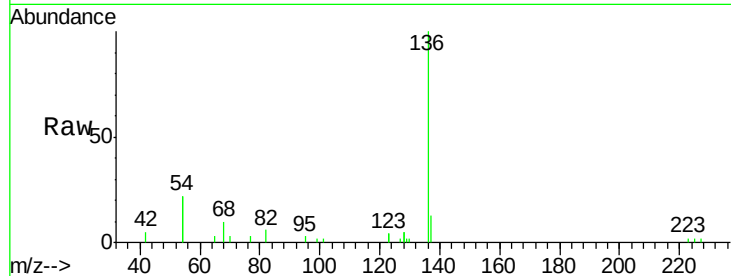
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 43.8 29.1 43.7#

68 9.6 6.2 9.2#

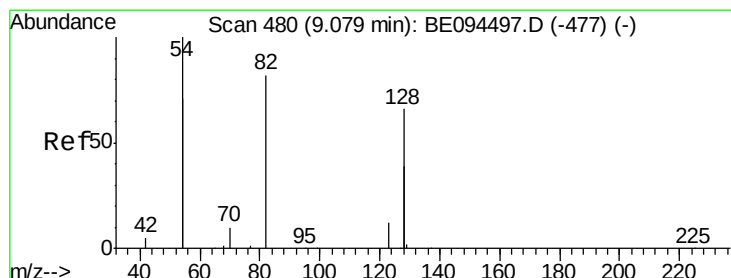
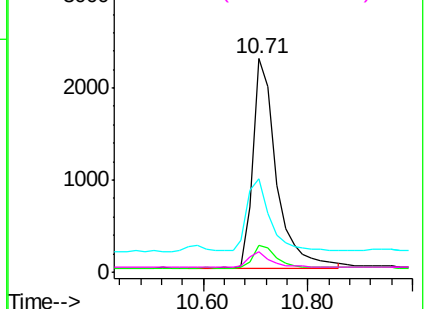
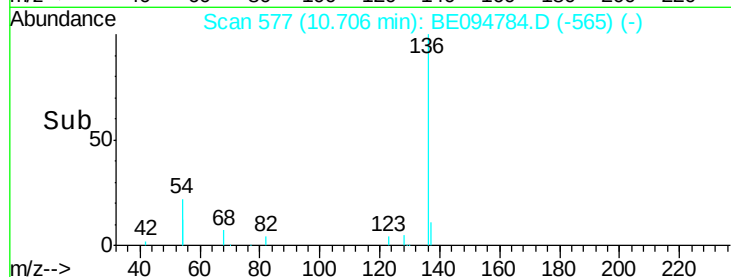


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.32 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

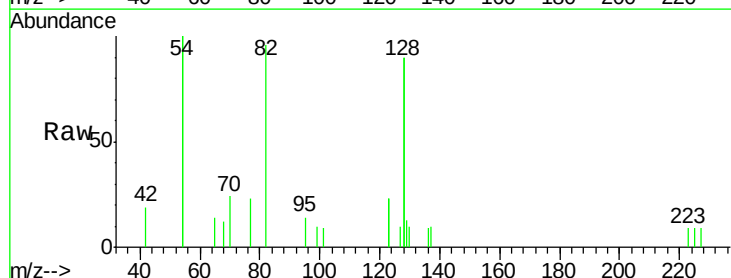
Tgt Ion: 82 Resp: 1813

Ion Ratio Lower Upper

82 100

128 186.2 150.0 225.0

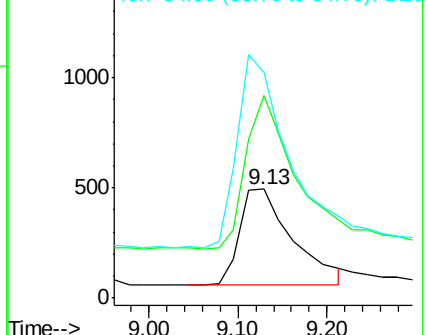
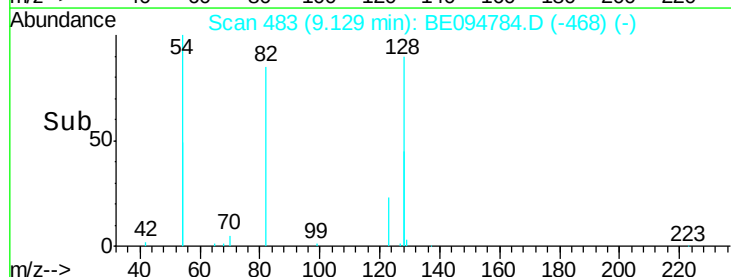
54 207.3 154.2 231.4

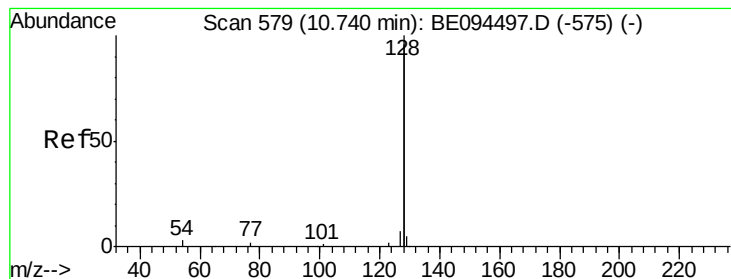


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.35 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

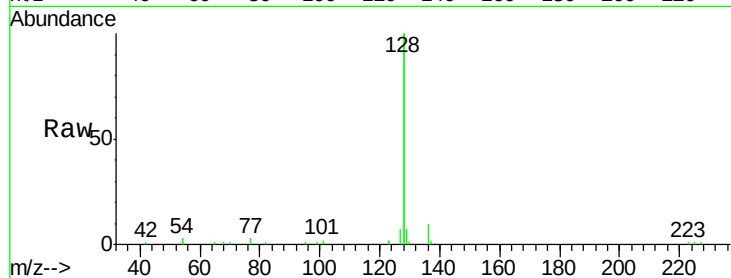
Tot Ion:128 Resp: 28013

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

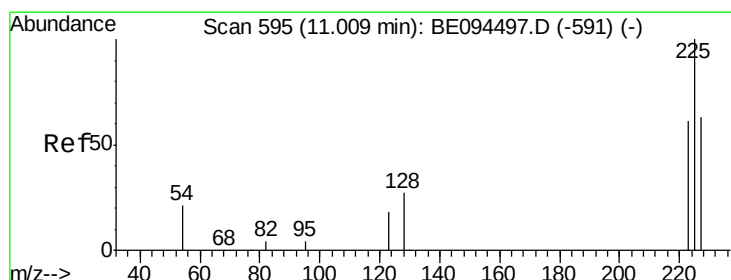
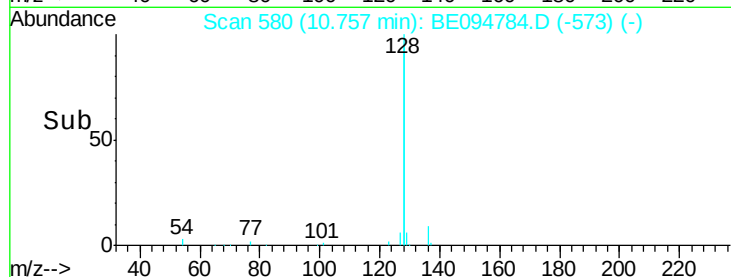
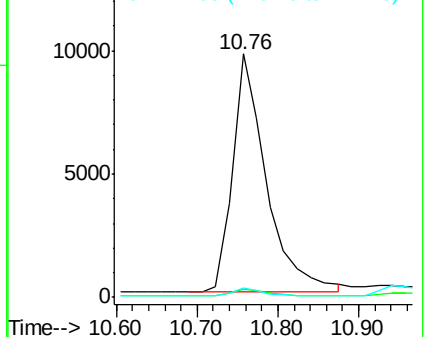
127 3.6 2.8 4.2



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: 0.40 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

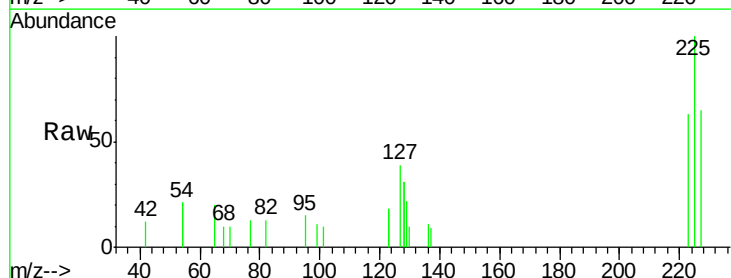
Tgt Ion:225 Resp: 1145

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

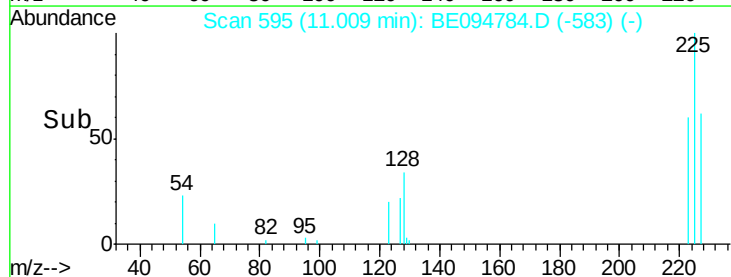
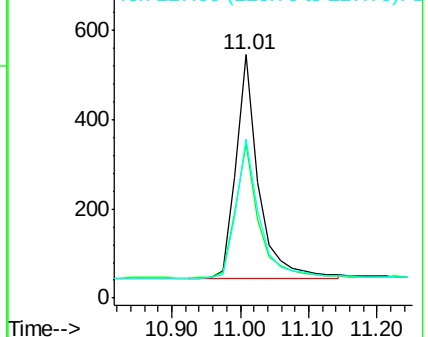
227 66.0 51.4 77.2

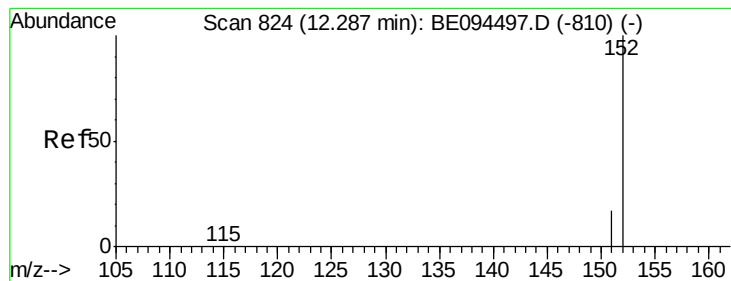


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.36 ng

RT: 12.30 min Scan# 828

Delta R.T. 0.02 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

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ClientSampleId :

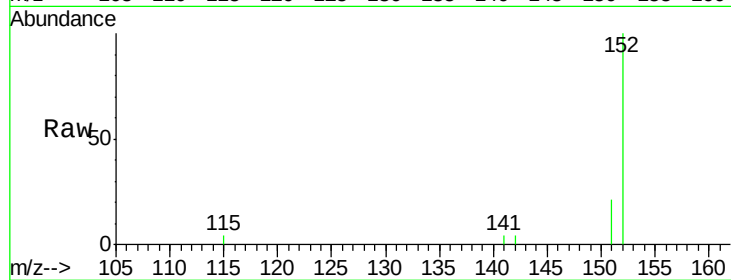
SSTDCCC0.4

Tot Ion:152 Resp: 3985

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

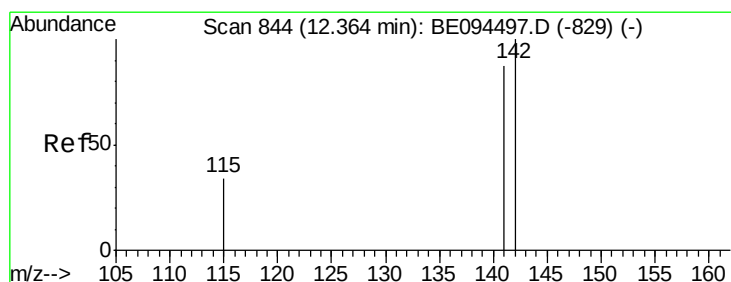
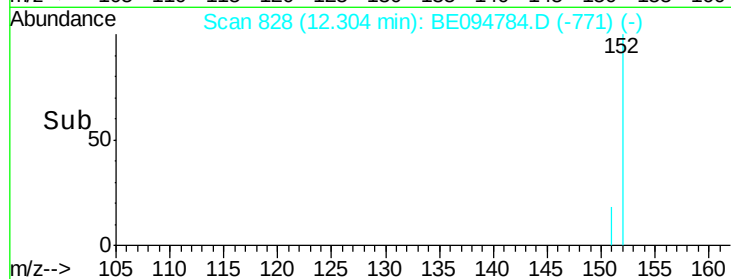
1500

1000

500

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.34 ng

RT: 12.38 min Scan# 847

Delta R.T. 0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

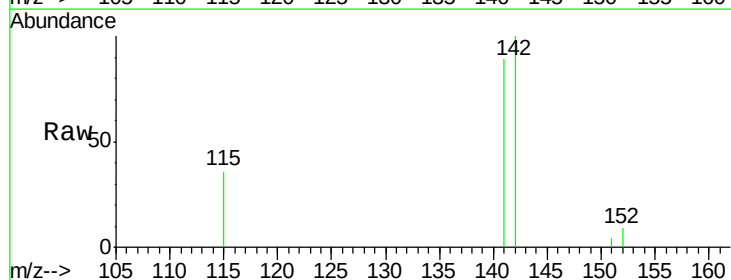
Tgt Ion:142 Resp: 4622

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

115 36.3 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

12.38

2500

2000

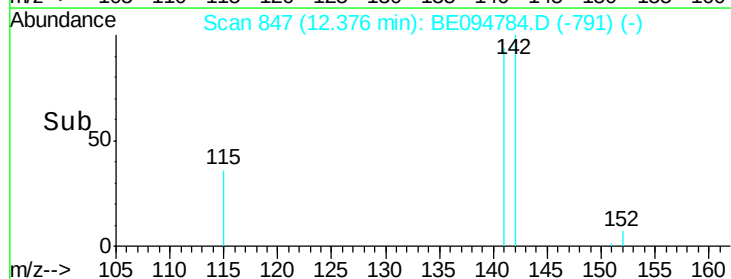
1500

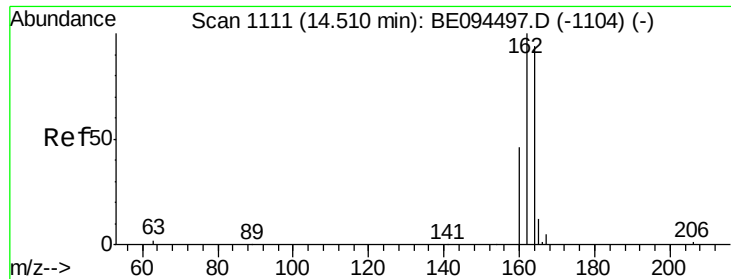
1000

500

0

Time--> 12.30 12.40 12.50 12.60

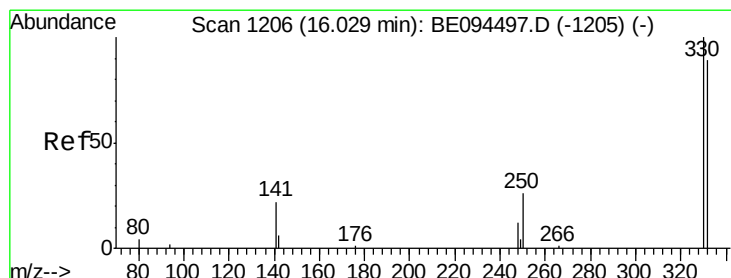
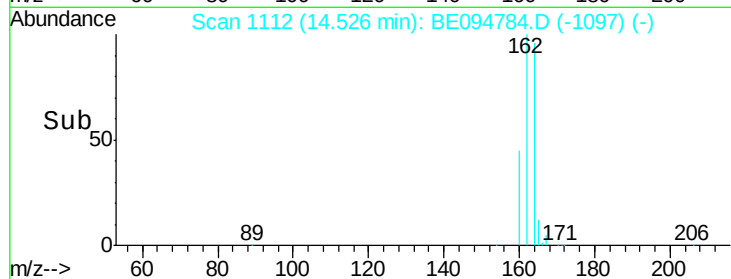
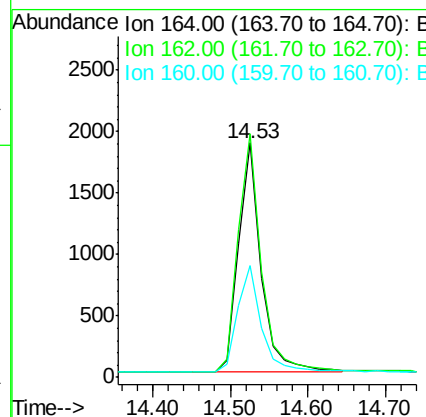
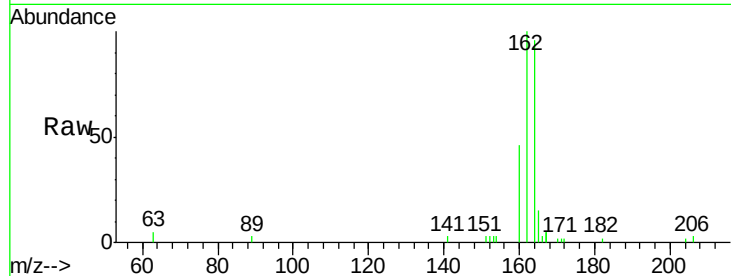




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

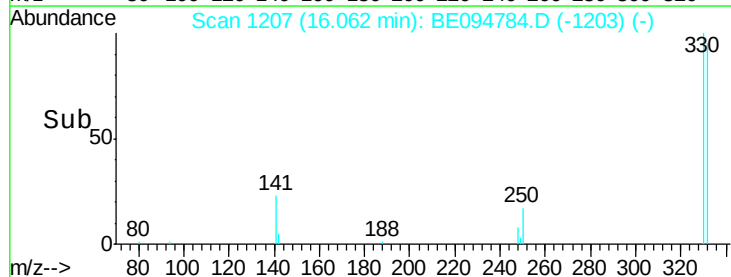
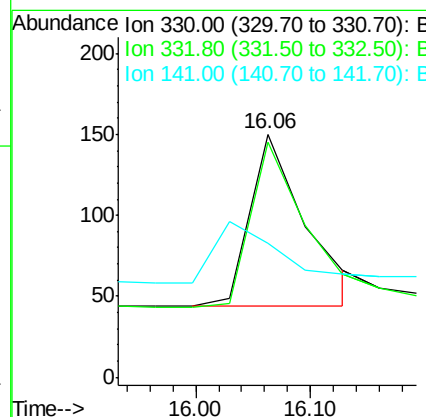
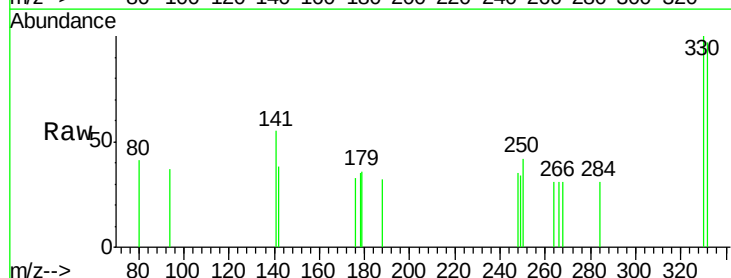
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

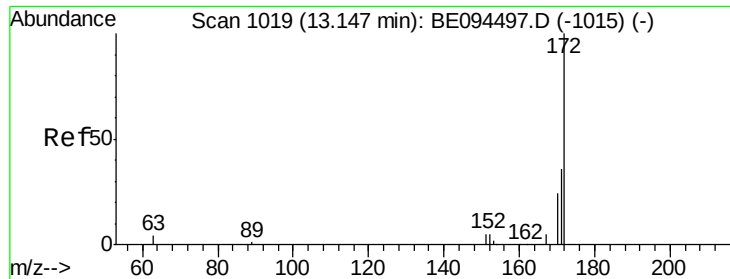
Tot Ion:164 Resp: 3738
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 47.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:330 Resp: 356
Ion Ratio Lower Upper
330 100
332 97.2 152.7 229.1#
141 0.0 33.7 50.5#

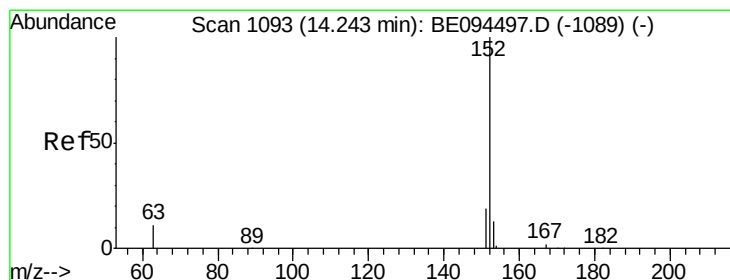
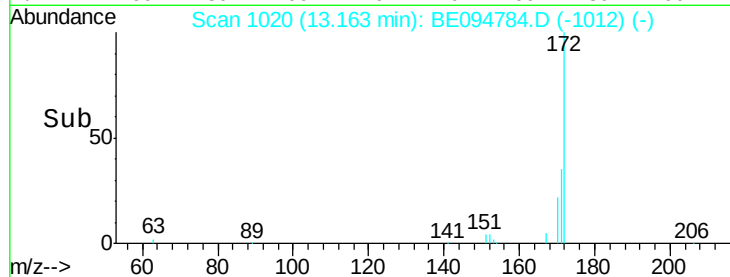
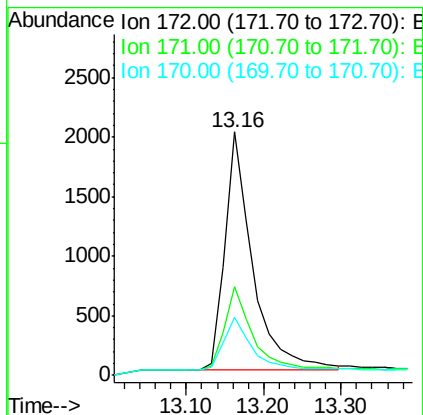
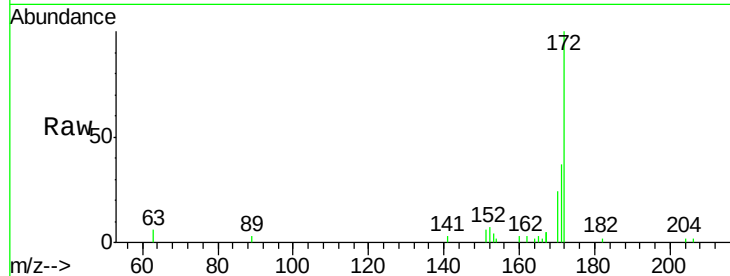




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

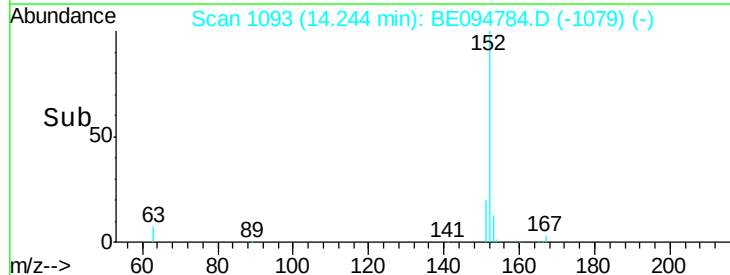
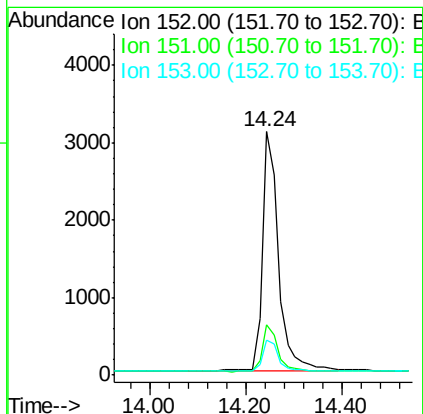
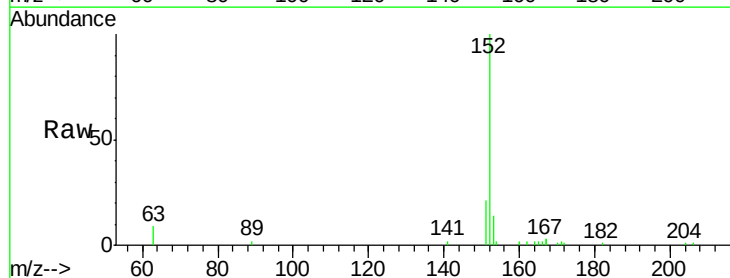
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

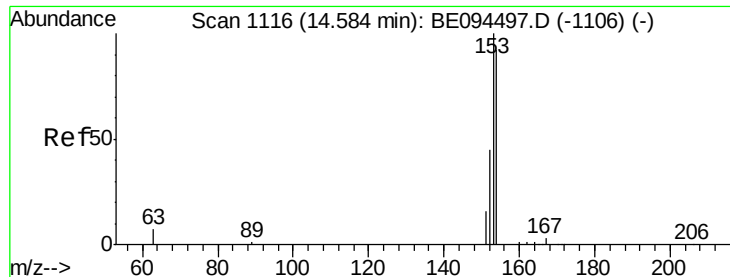
Tot Ion:172 Resp: 4967
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 23.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:152 Resp: 7228
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

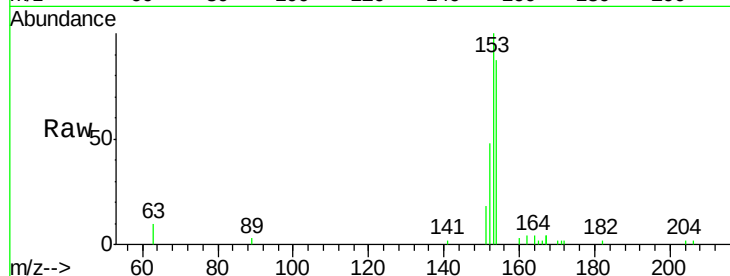
Tot Ion:154 Resp: 4670

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

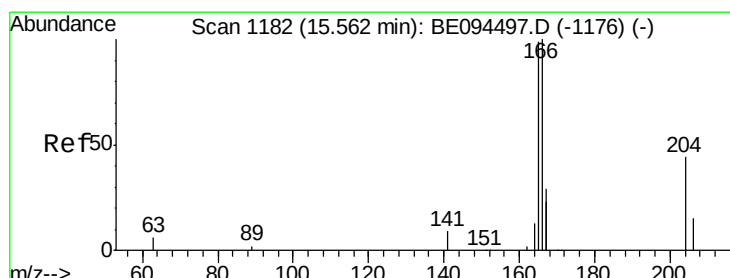
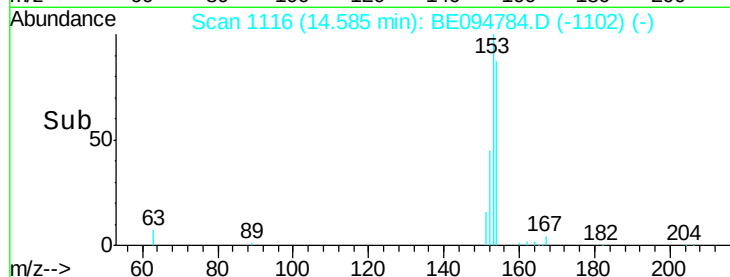
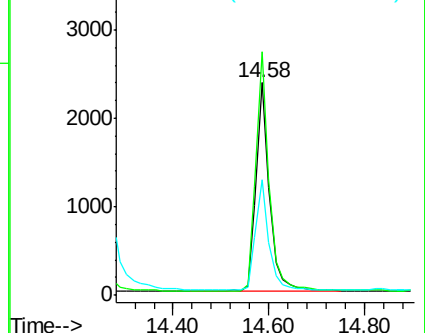
152 52.3 42.0 63.0



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: 0.36 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

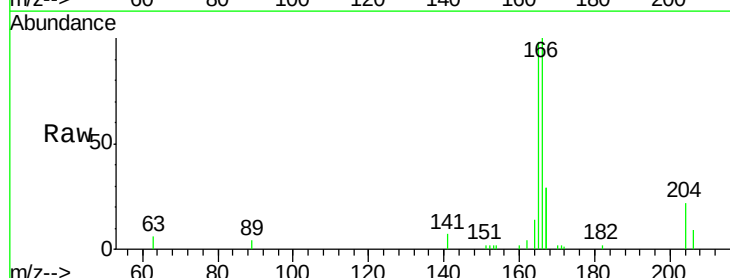
Tgt Ion:166 Resp: 5801

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

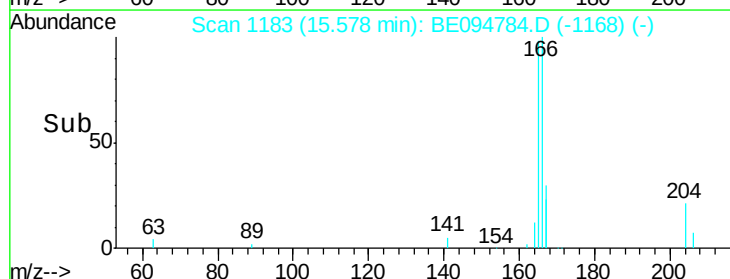
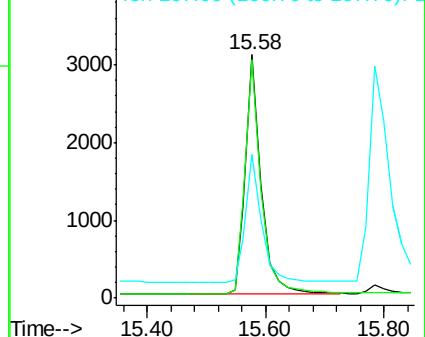
167 53.6 42.4 63.6

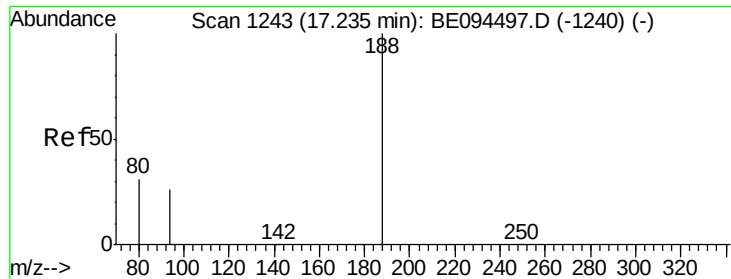


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

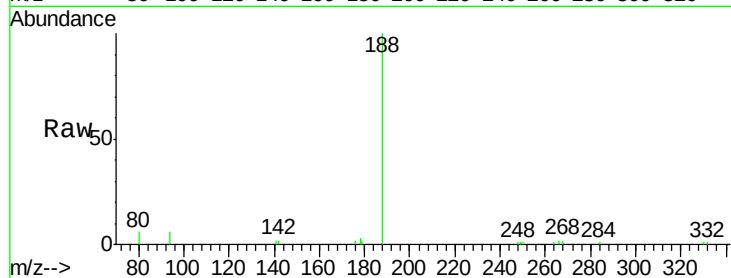
Tot Ion:188 Resp: 8271

Ion Ratio Lower Upper

188 100

94 6.3 3.9 5.9#

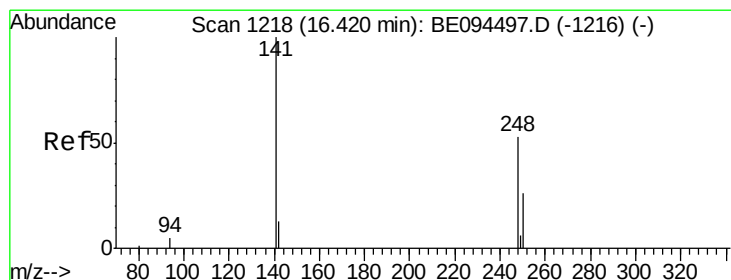
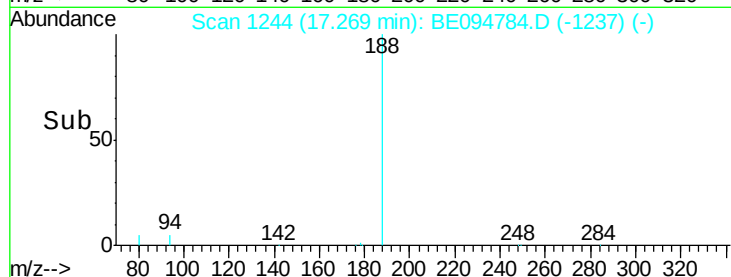
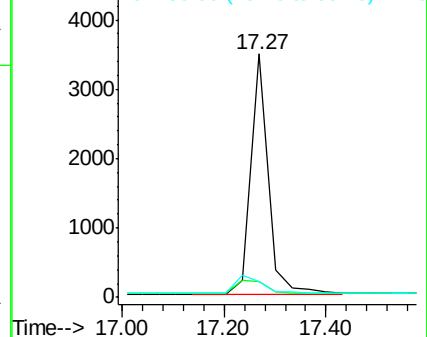
80 6.4 3.6 5.4#



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: 0.29 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.03 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

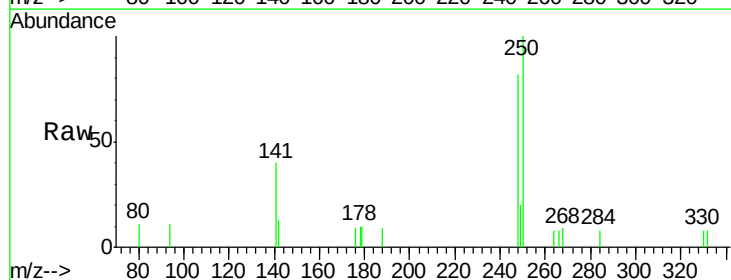
Tgt Ion:248 Resp: 1289

Ion Ratio Lower Upper

248 100

250 122.3 62.7 94.1#

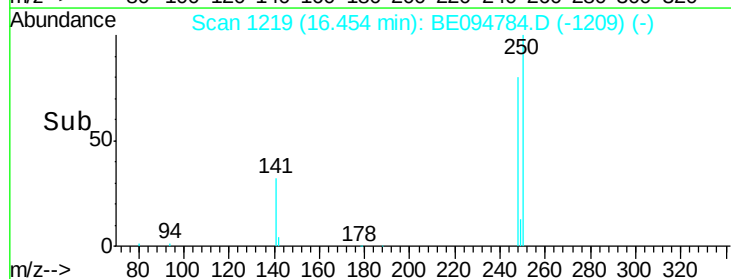
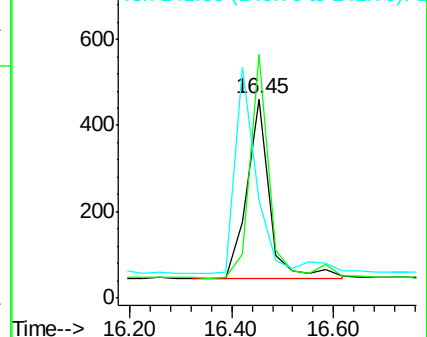
141 49.2 48.2 72.2

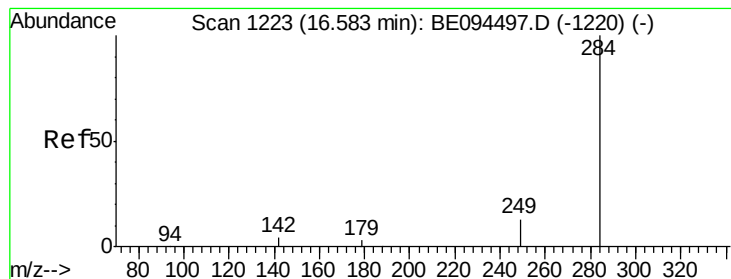


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.48 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

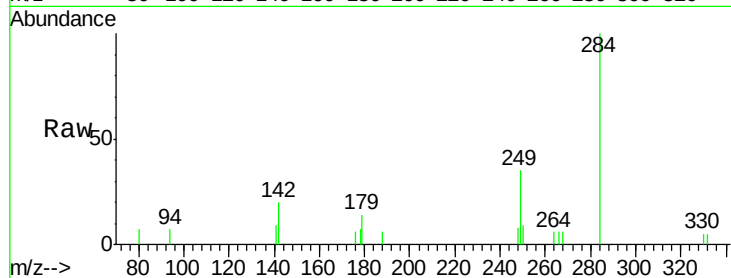
Tot Ion:284 Resp: 1915

Ion Ratio Lower Upper

284 100

142 21.7 22.1 33.1#

249 28.8 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

16.58

800

600

400

200

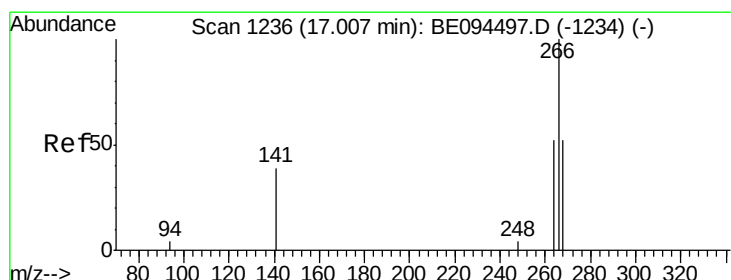
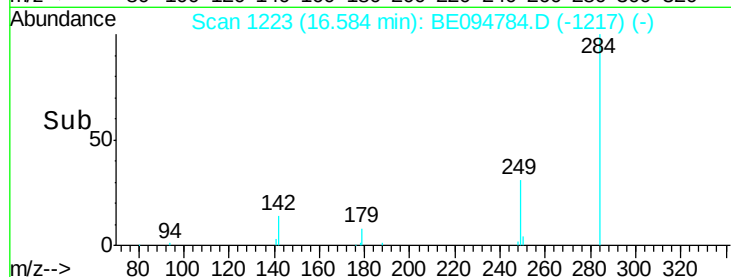
0

16.40

16.60

16.80

Time-->



#22

Pentachlorophenol

Concen: 0.22 ng

RT: 17.07 min Scan# 1238

Delta R.T. 0.07 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

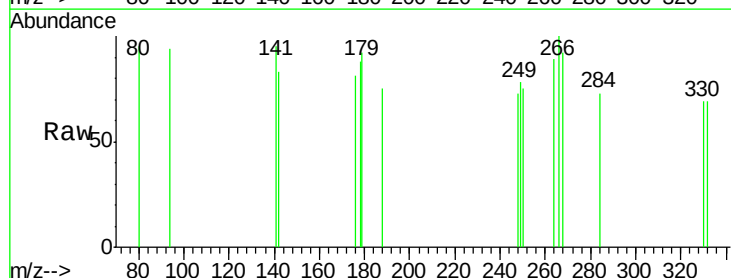
Tgt Ion:266 Resp: 113

Ion Ratio Lower Upper

266 100

264 89.1 72.5 108.7

268 92.2 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

17.07

80

60

40

20

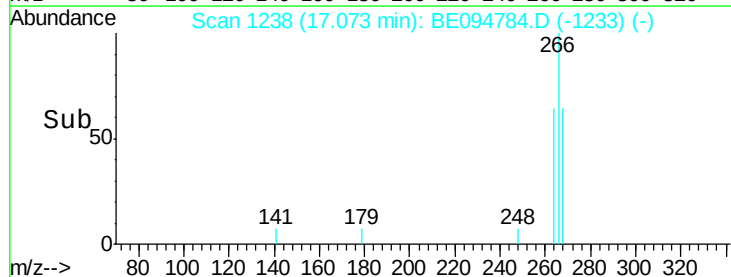
0

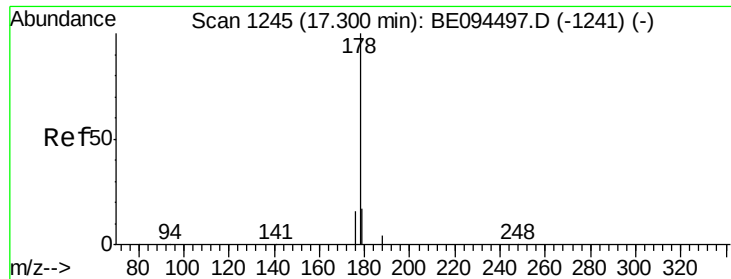
17.00

17.10

17.20

Time-->





#23

Phenanthrene

Concen: 0.46 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

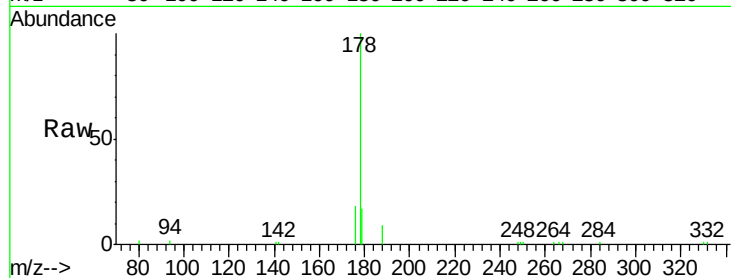
Tot Ion:178 Resp: 9974

Ion Ratio Lower Upper

178 100

176 17.5 15.1 22.7

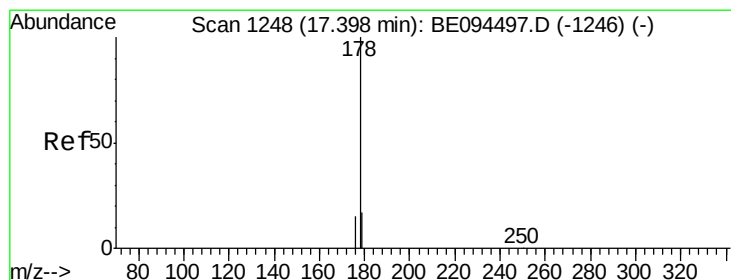
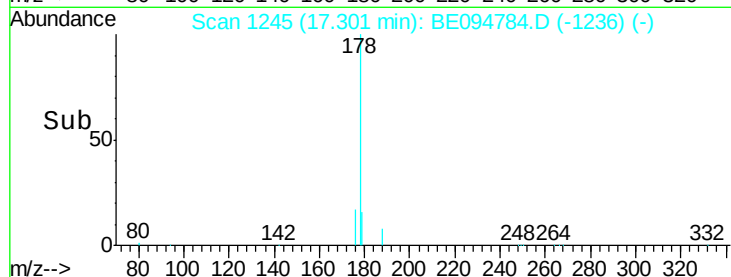
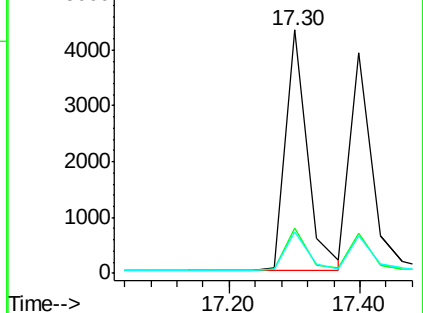
179 16.0 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.38 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

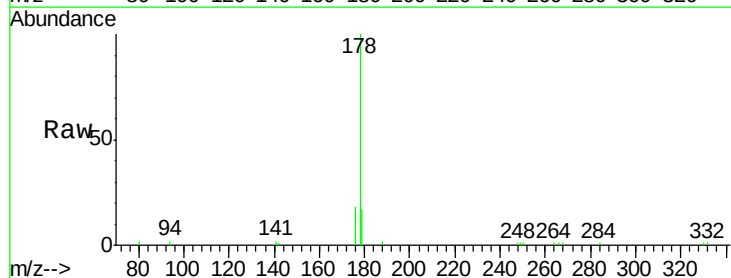
Tgt Ion:178 Resp: 9252

Ion Ratio Lower Upper

178 100

176 16.9 12.8 19.2

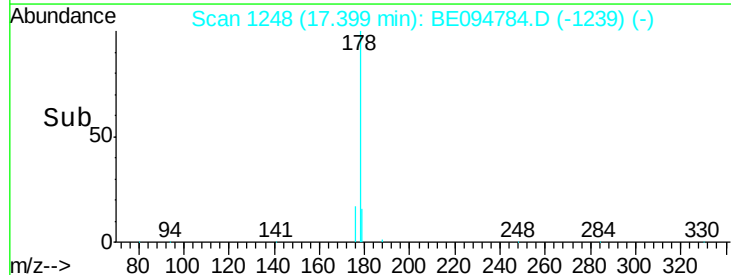
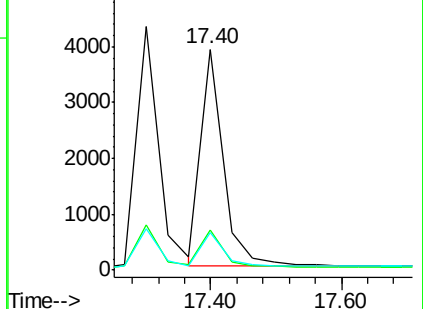
179 16.4 13.0 19.6

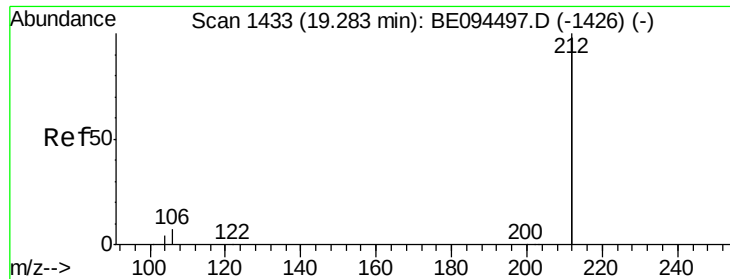


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

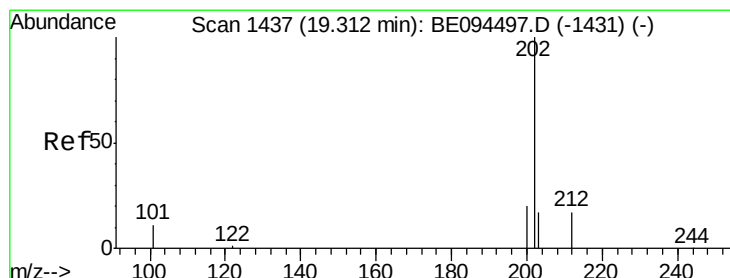
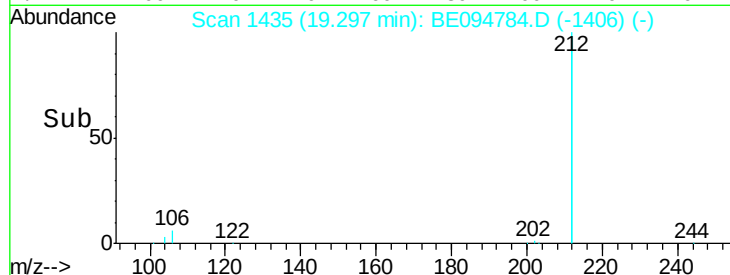
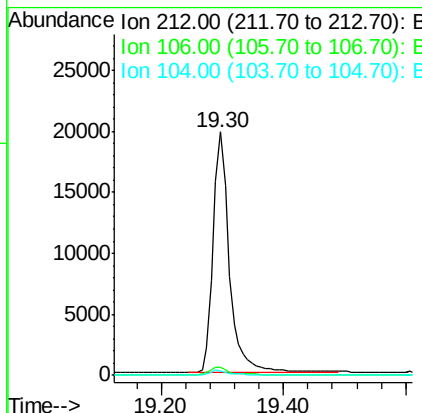
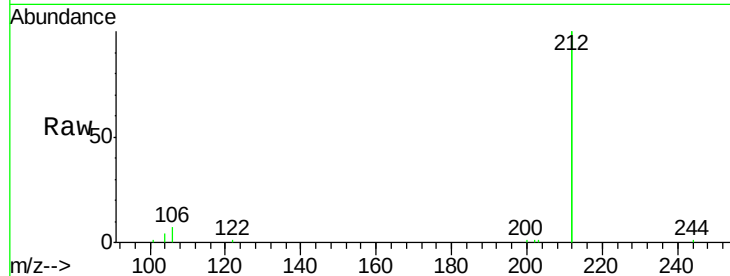




#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

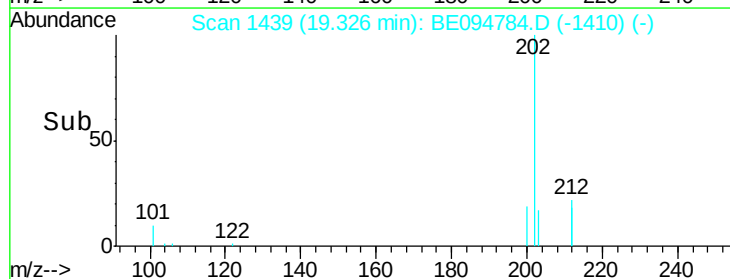
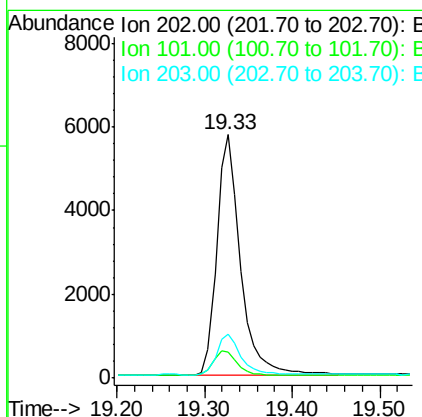
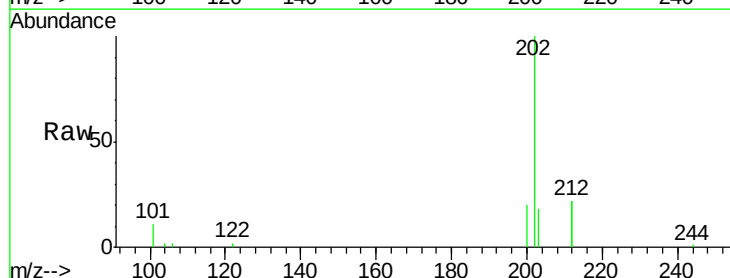
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

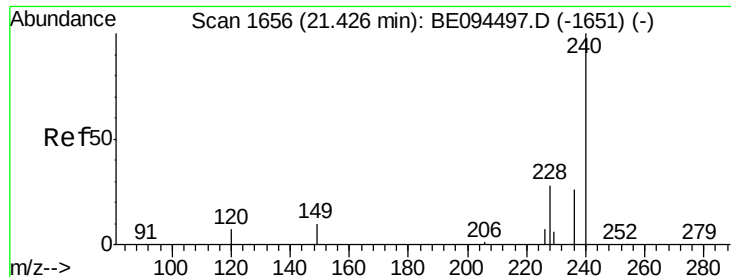
Tot Ion:212 Resp: 36065
Ion Ratio Lower Upper
212 100
106 3.3 2.8 4.2
104 1.8 1.6 2.4



#26
Fluoranthene
Concen: 0.33 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:202 Resp: 10723
Ion Ratio Lower Upper
202 100
101 10.8 9.8 14.8
203 17.4 13.7 20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

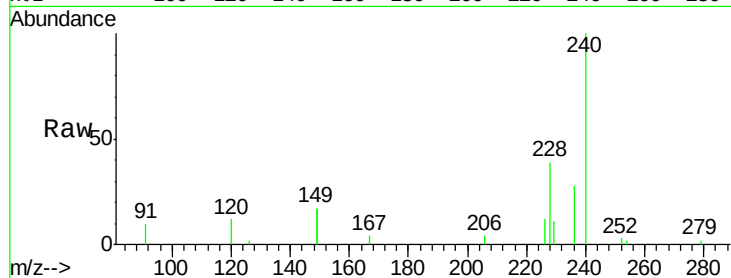
Tot Ion:240 Resp: 8432

Ion Ratio Lower Upper

240 100

120 12.0 5.5 8.3#

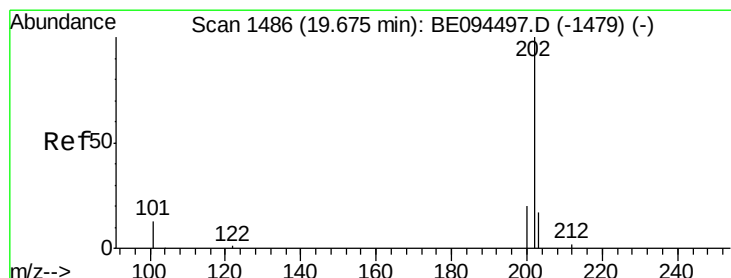
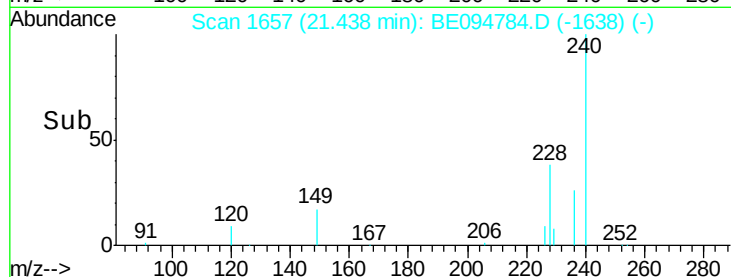
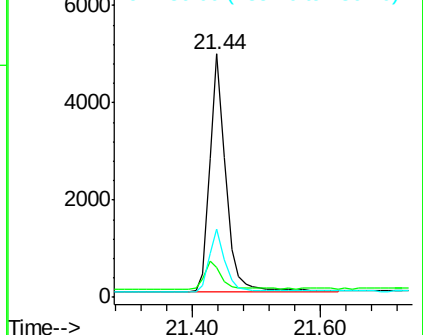
236 27.9 20.7 31.1



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: 0.38 ng

RT: 19.69 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

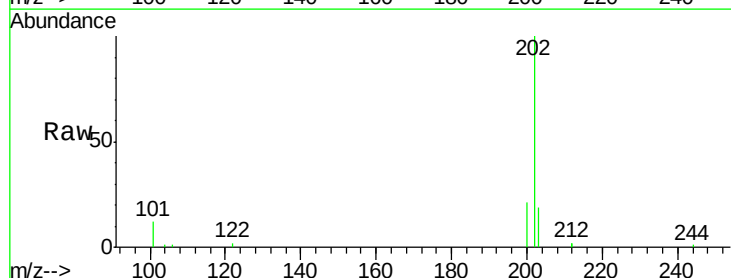
Tgt Ion:202 Resp: 11295

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

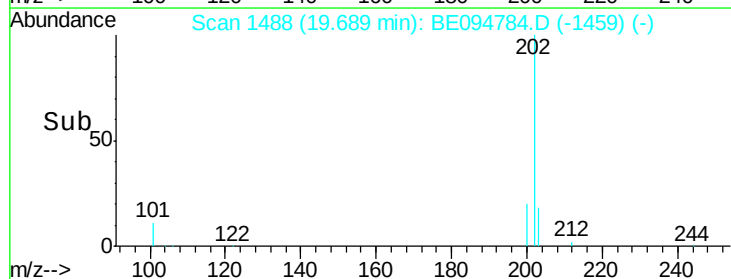
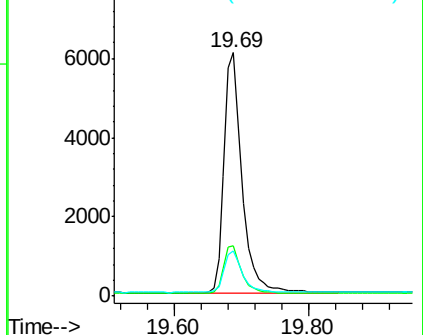
203 18.5 13.8 20.8

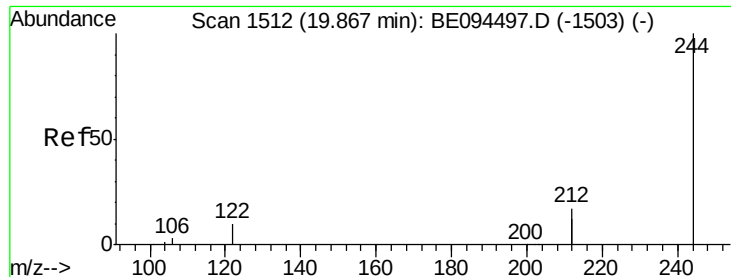


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

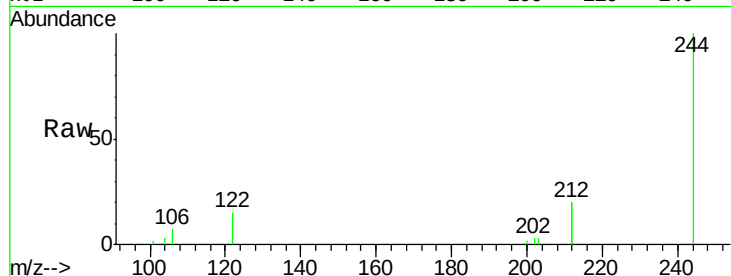
Tot Ion:244 Resp: 5939

Ion Ratio Lower Upper

244 100

212 39.7 25.4 38.0#

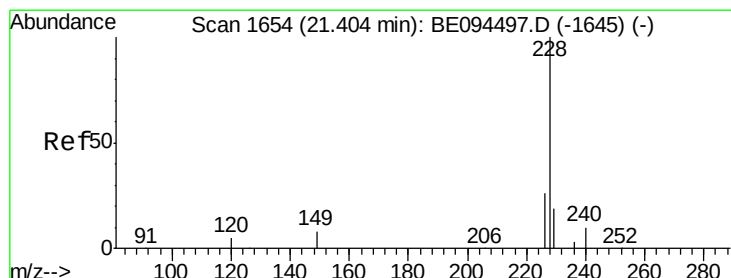
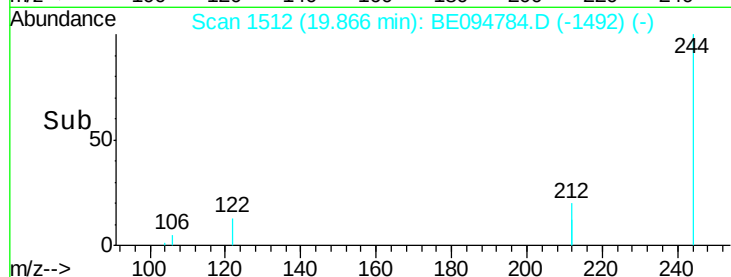
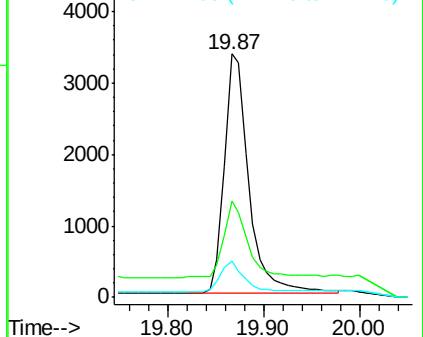
122 15.1 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.37 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

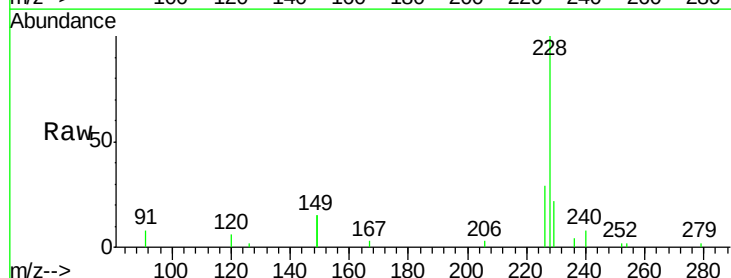
Tgt Ion:228 Resp: 10281

Ion Ratio Lower Upper

228 100

226 28.6 40.0 60.0#

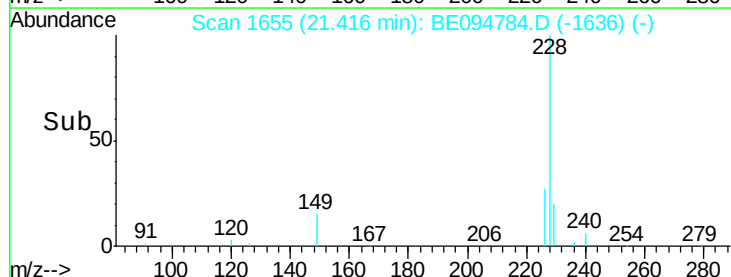
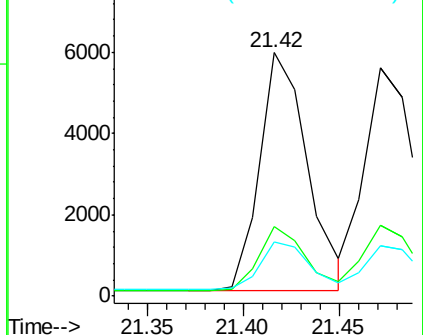
229 22.1 40.0 60.0#

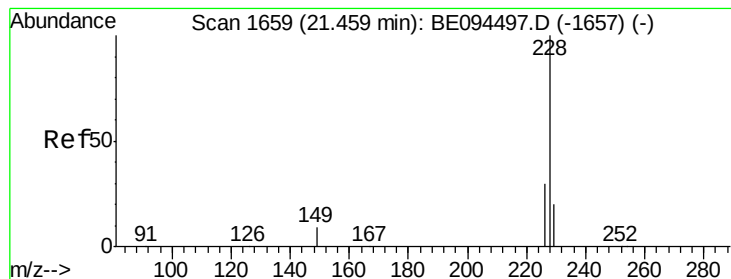


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.38 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

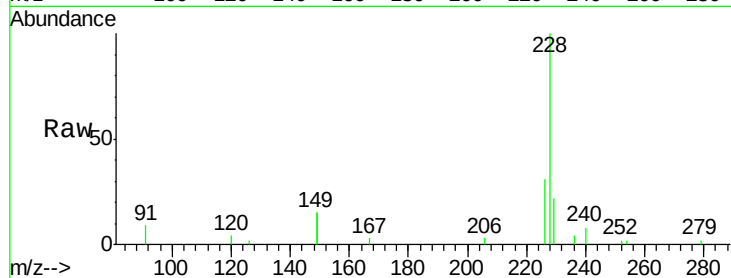
Tot Ion:228 Resp: 10472

Ion Ratio Lower Upper

228 100

226 31.2 40.0 60.0#

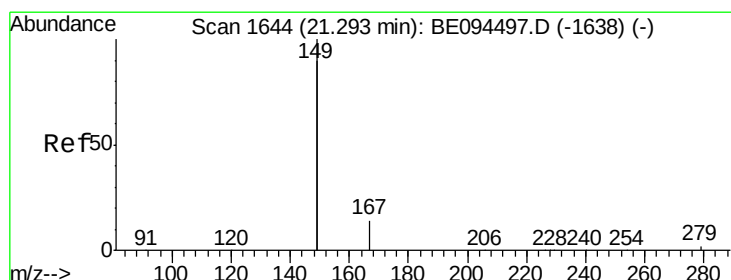
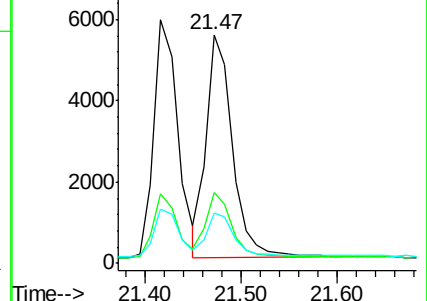
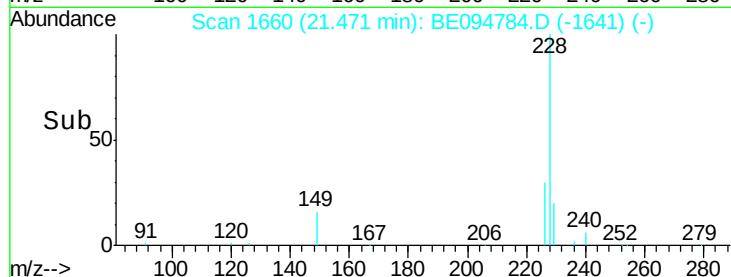
229 22.2 40.0 60.0#



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: 0.38 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

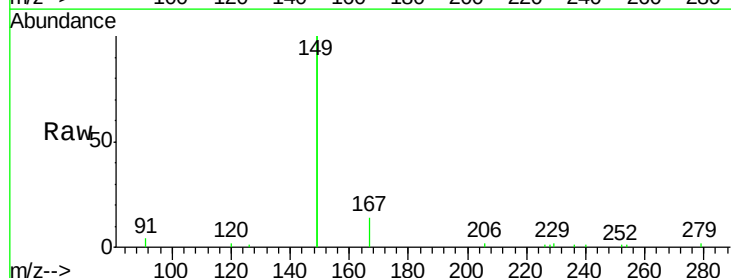
Tgt Ion:149 Resp: 25540

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

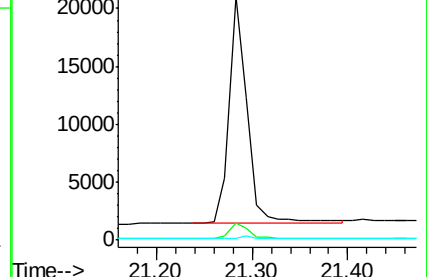
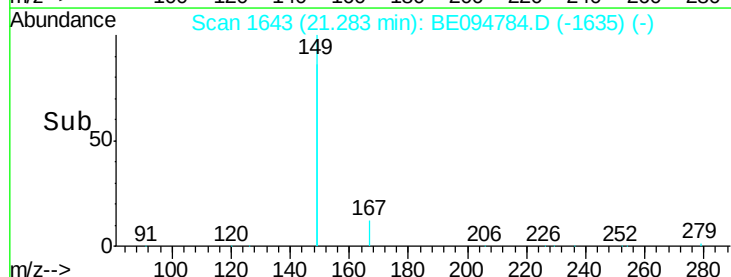
279 1.0 0.7 1.1

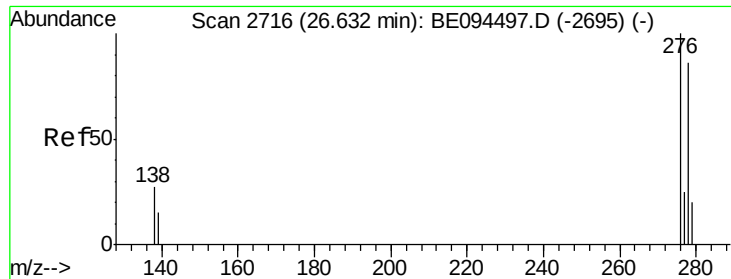


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.28 ng

RT: 26.71 min Scan# 2732

Delta R.T. 0.07 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

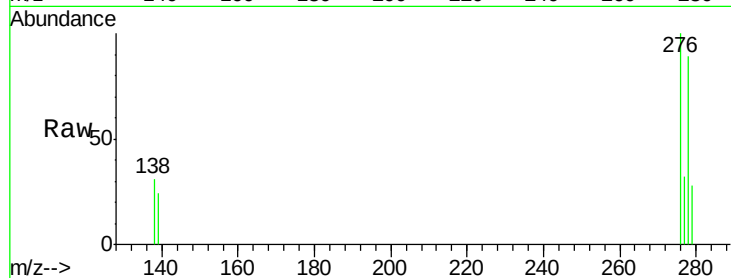
Tot Ion:276 Resp: 7166

Ion Ratio Lower Upper

276 100

138 25.0 22.5 33.7

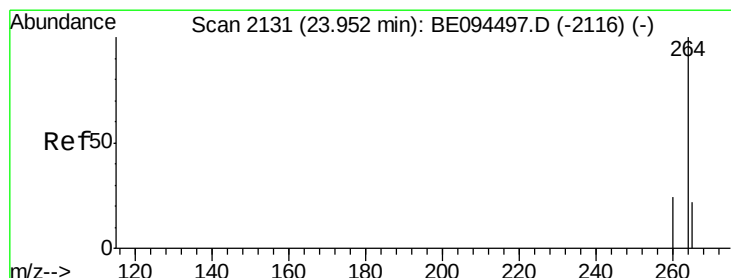
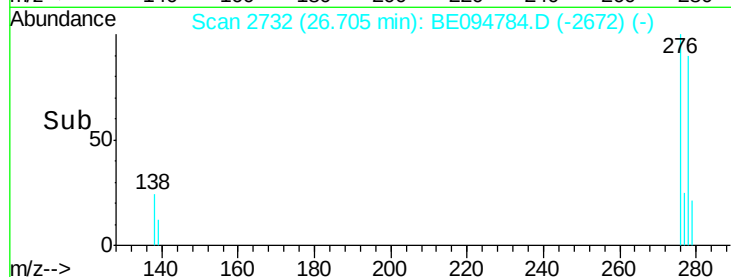
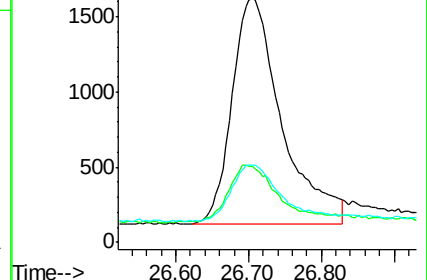
277 25.1 19.9 29.9



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: 0.40 ng

RT: 23.98 min Scan# 2138

Delta R.T. 0.03 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

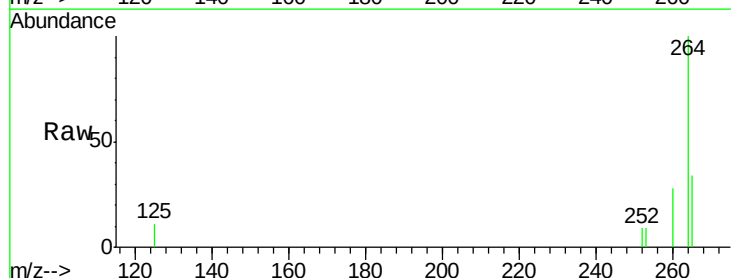
Tgt Ion:264 Resp: 7469

Ion Ratio Lower Upper

264 100

260 27.7 20.5 30.7

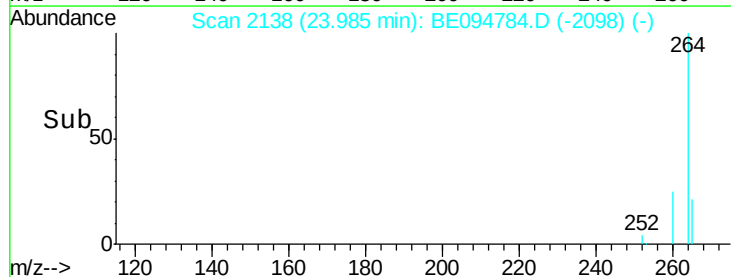
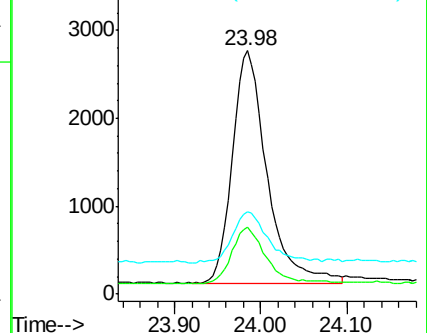
265 33.6 22.8 34.2

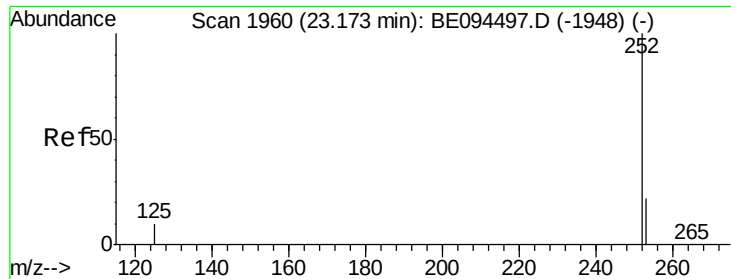


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

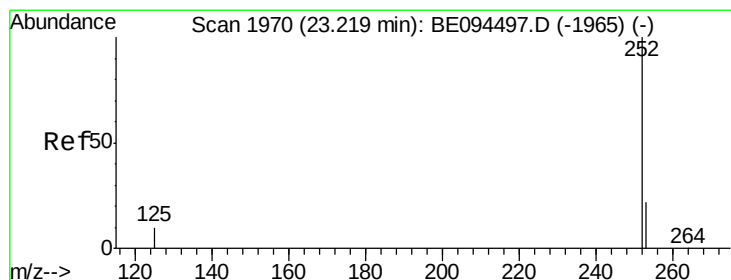
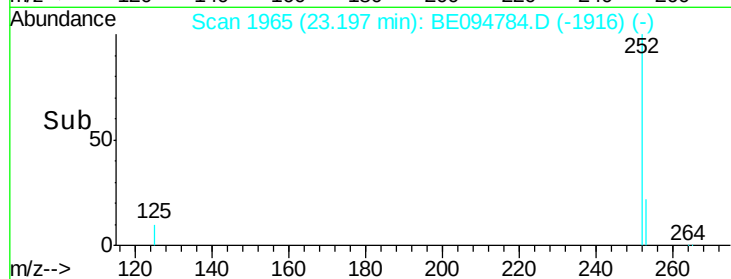
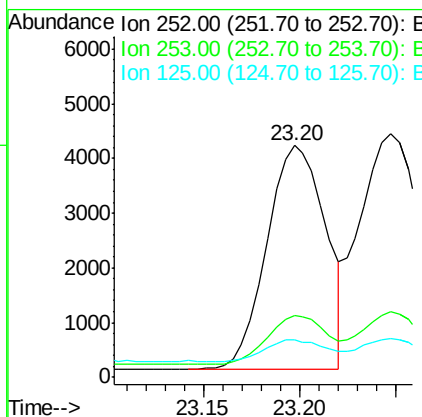
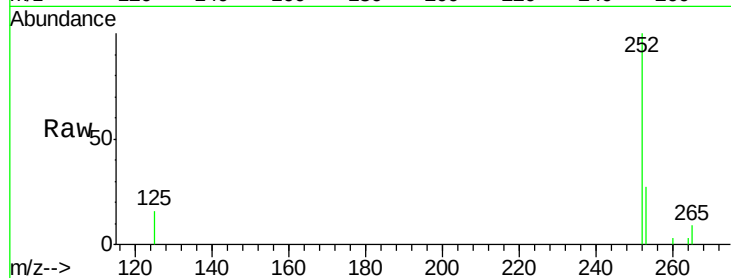




#35
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

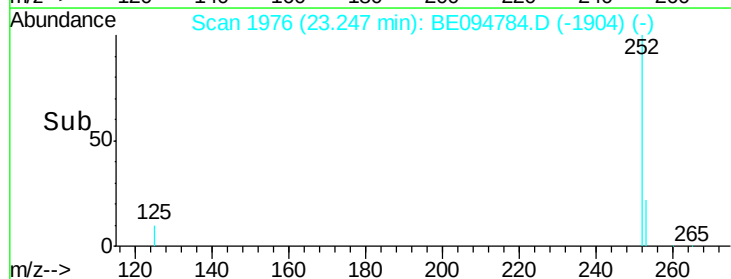
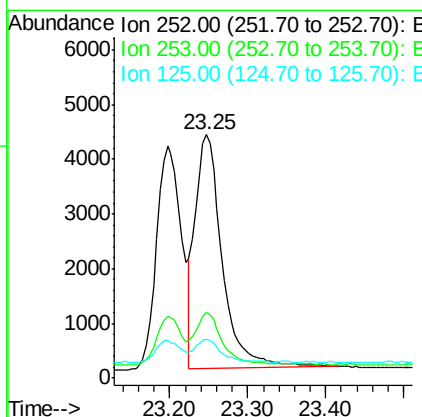
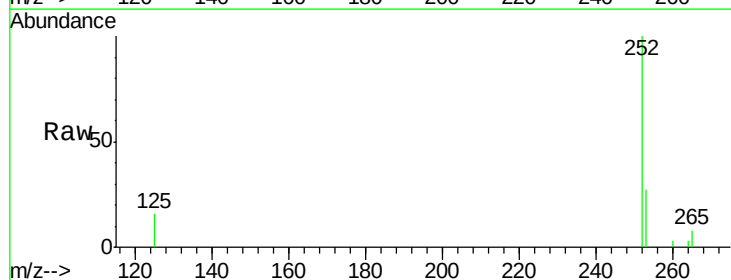
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

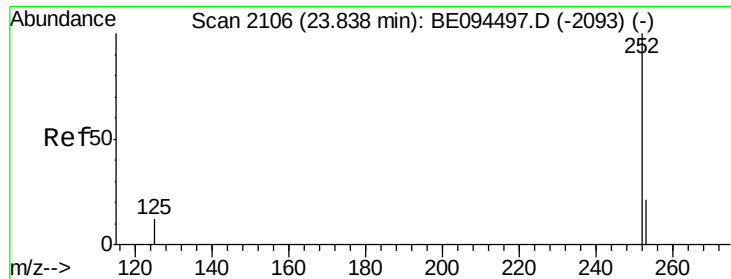
Tot Ion:252 Resp: 8635
Ion Ratio Lower Upper
252 100
253 26.7 48.0 72.0#
125 16.2 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.25 min Scan# 1976
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:252 Resp: 10300
Ion Ratio Lower Upper
252 100
253 26.9 48.0 72.0#
125 15.9 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.88 min Scan# 2114

Delta R.T. 0.04 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

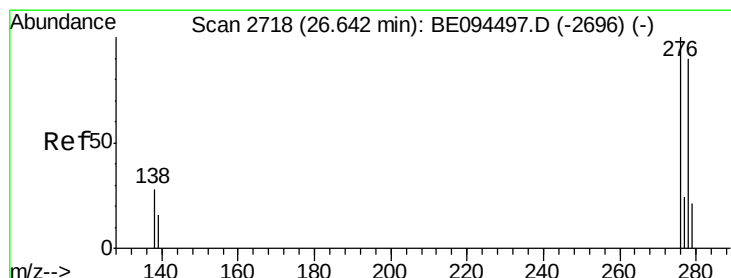
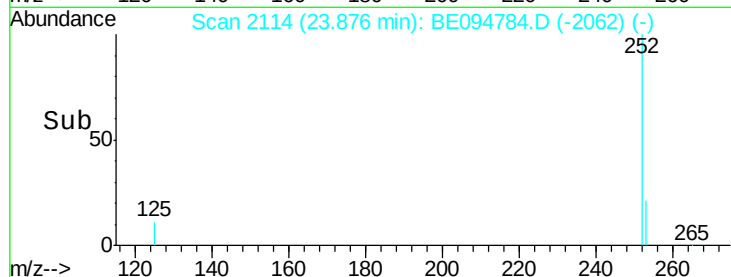
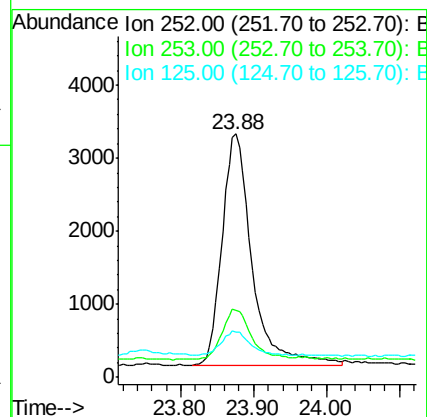
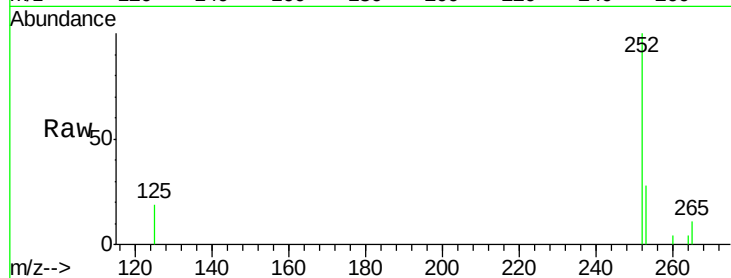
Tot Ion:252 Resp: 9077

Ion Ratio Lower Upper

252 100

253 27.7 52.0 78.0#

125 18.6 68.0 102.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.32 ng

RT: 26.69 min Scan# 2729

Delta R.T. 0.05 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

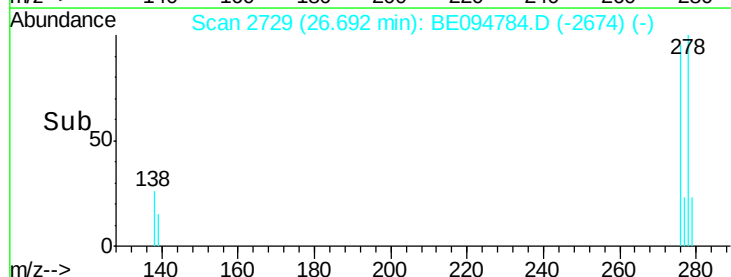
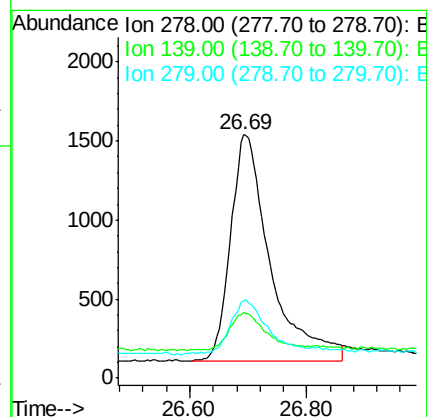
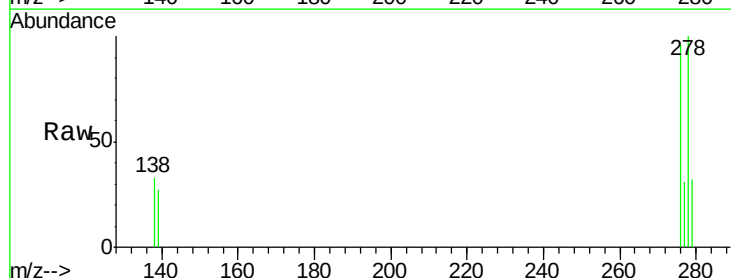
Tgt Ion:278 Resp: 6778

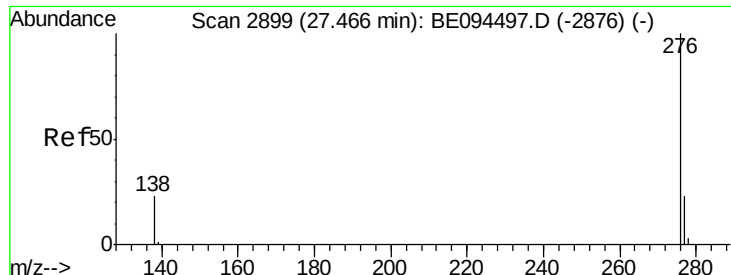
Ion Ratio Lower Upper

278 100

139 26.9 56.0 84.0#

279 31.6 52.0 78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.27 ng

RT: 27.56 min Scan# 2919

Delta R.T. 0.09 min

Lab File: BE094784.D

Acq: 8 Nov 2017 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

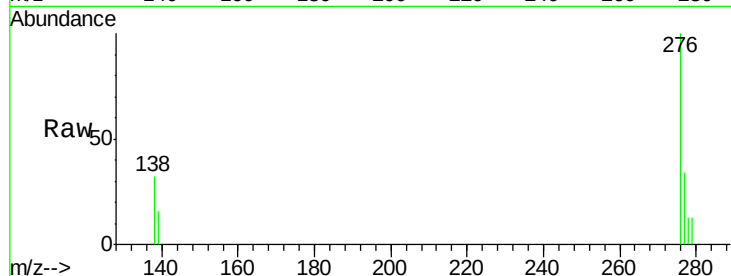
Tot Ion: 276 Resp: 5317

Ion Ratio Lower Upper

276 100

277 34.3 52.0 78.0#

138 32.0 44.0 66.0#



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

