

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094793.D
 Acq On : 8 Nov 2017 21:17
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 09 00:22:42 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	1199	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	7069	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3800	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	8148	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8548	0.40	ng	0.01
34) Perylene-d12	23.98	264	7445	0.40	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.58	112	1231	0.30	ng	0.05
5) Phenol-d6	7.20	99	2281	0.37	ng	0.06
8) Nitrobenzene-d5	9.13	82	1840	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.30	152	4039	0.36	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	381	0.36	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	4994	0.37	ng	0.02
25) Fluoranthene-d10	19.30	212	35958	0.35	ng	0.01
29) Terphenyl-d14	19.87	244	5911	0.37	ng	0.00

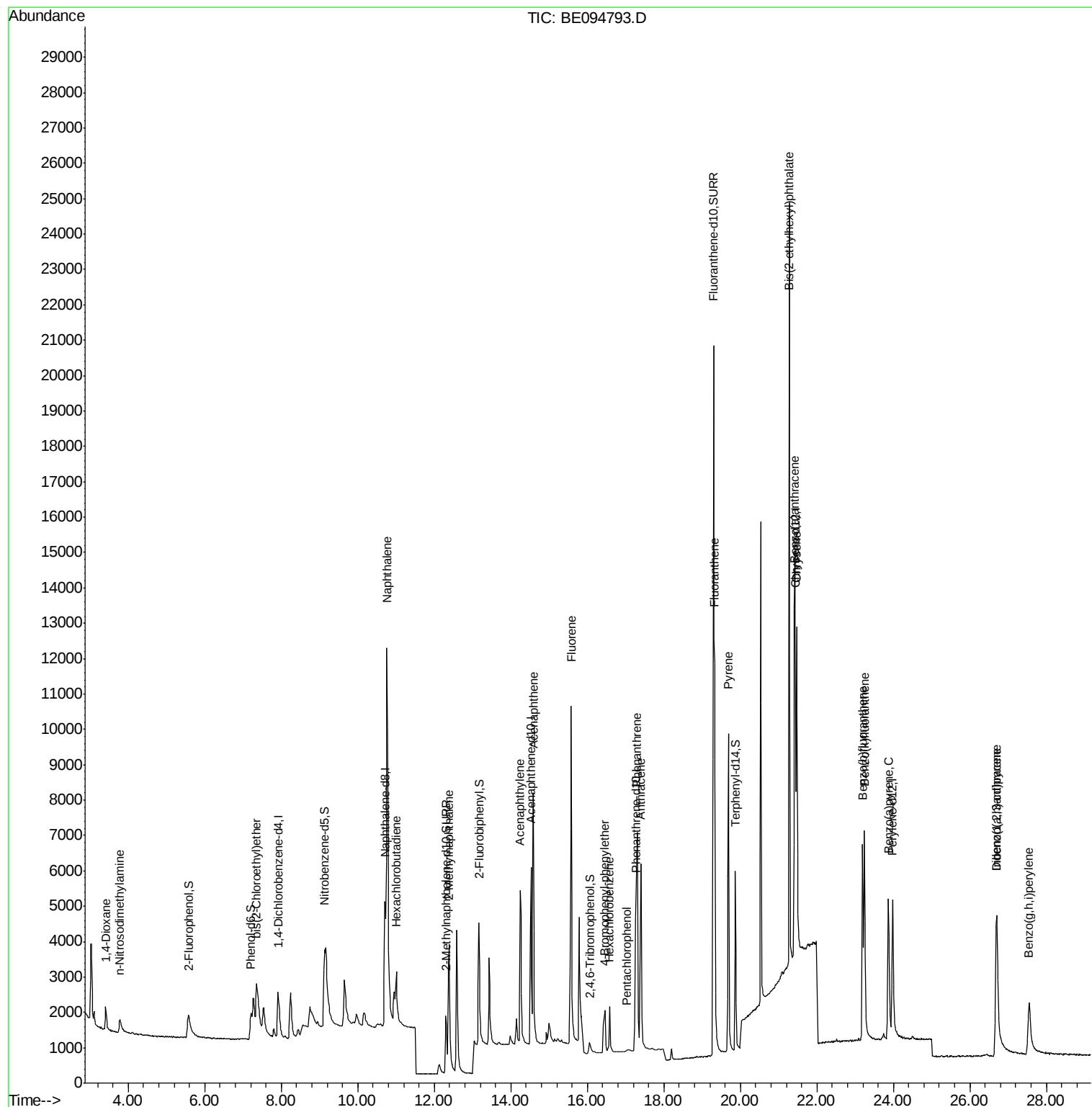
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	723	0.36	ng	# 86
3) n-Nitrosodimethylamine	3.78	42	565	0.29	ng	# 75
6) bis(2-Chloroethyl)ether	7.35	93	1685	0.35	ng	# 55
9) Naphthalene	10.76	128	28225	0.35	ng	100
10) Hexachlorobutadiene	11.01	225	1153	0.40	ng	97
12) 2-Methylnaphthalene	12.38	142	4674	0.34	ng	97
16) Acenaphthylene	14.24	152	7356	0.37	ng	99
17) Acenaphthene	14.58	154	4707	0.37	ng	100
18) Fluorene	15.58	166	5868	0.36	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1314	0.30	ng	# 69
21) Hexachlorobenzene	16.58	284	1876	0.48	ng	# 84
22) Pentachlorophenol	17.04	266	55	0.11	ng	98
23) Phenanthrene	17.30	178	10131	0.48	ng	97
24) Anthracene	17.40	178	9487	0.40	ng	98
26) Fluoranthene	19.33	202	10854	0.34	ng	98
28) Pyrene	19.69	202	11335	0.38	ng	99
30) Benzo(a)anthracene	21.42	228	10473	0.38	ng	# 63
31) Chrysene	21.47	228	10593	0.37	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.28	149	24962	0.37	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	6947	0.27	ng	98
35) Benzo(b)fluoranthene	23.20	252	8883	0.37	ng	# 44
36) Benzo(k)fluoranthene	23.24	252	10942	0.43	ng	# 43
37) Benzo(a)pyrene	23.87	252	9017	0.39	ng	# 39
38) Dibenzo(a,h)anthracene	26.69	278	6649	0.32	ng	# 52
39) Benzo(g,h,i)perylene	27.55	276	5137	0.26	ng	# 63

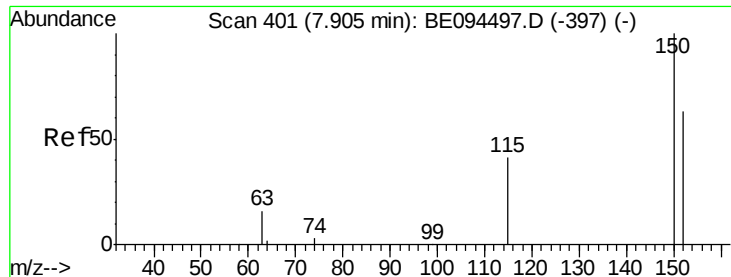
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

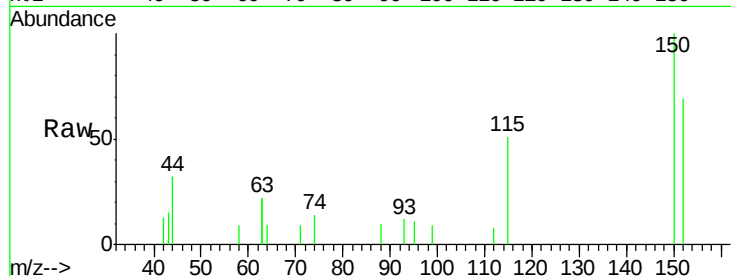
Tot Ion:152 Resp: 1199

Ion Ratio Lower Upper

152 100

150 145.0 117.2 175.8

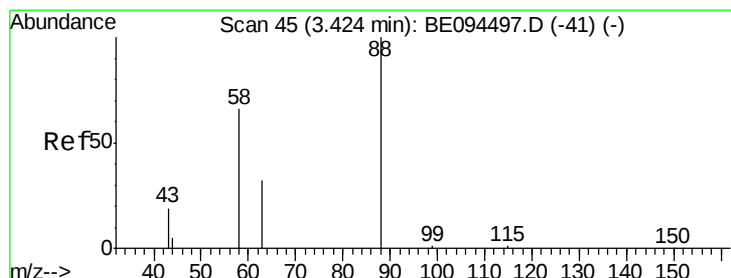
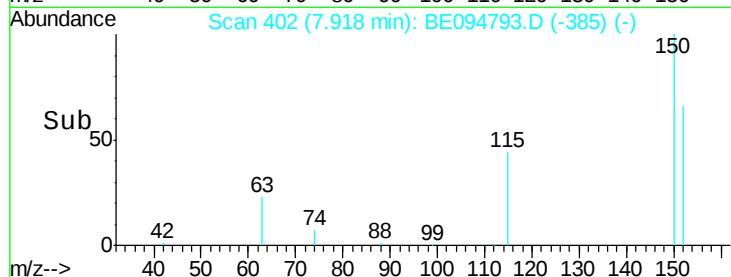
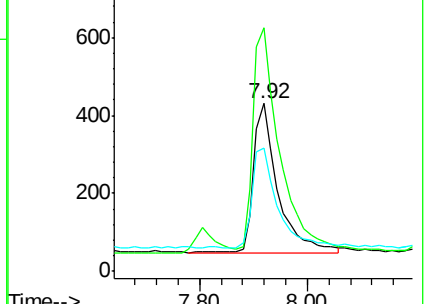
115 73.5 57.0 85.6



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: 0.36 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

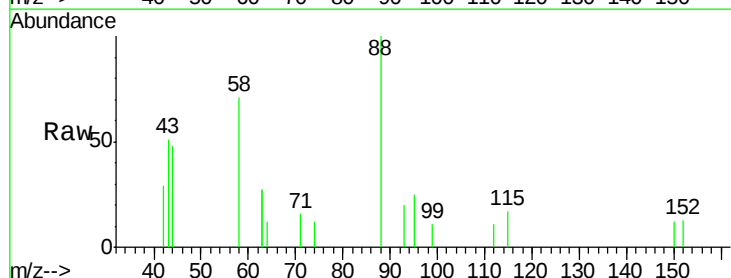
Tgt Ion: 88 Resp: 723

Ion Ratio Lower Upper

88 100

58 75.2 63.2 94.8

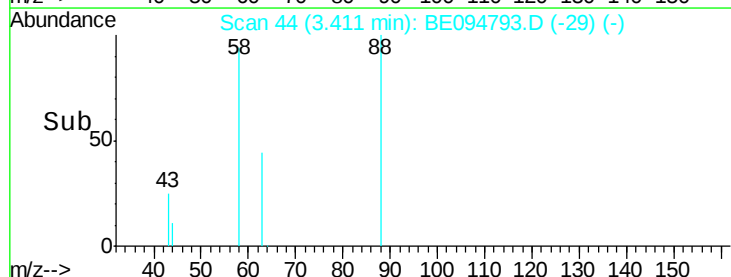
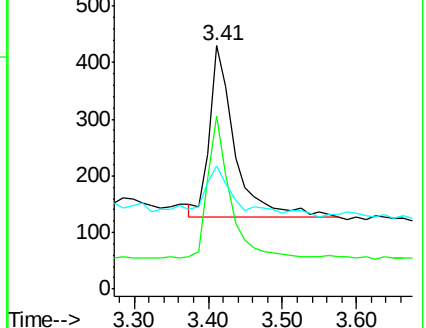
43 30.6 41.2 61.8#

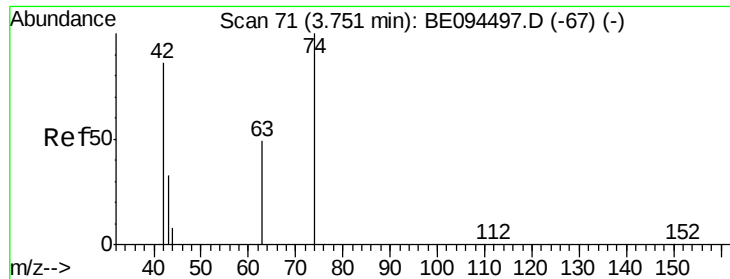


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.29 ng

RT: 3.78 min Scan# 73

Delta R.T. 0.03 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

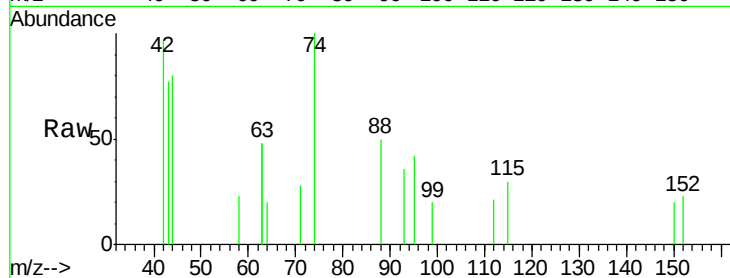
Tot Ion: 42 Resp: 565

Ion Ratio Lower Upper

42 100

74 150.6 100.3 150.5#

44 0.0 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

3.78

250

200

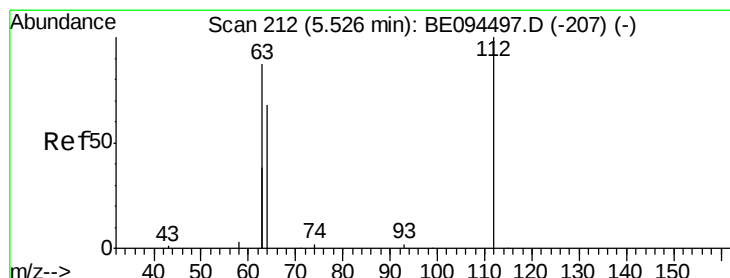
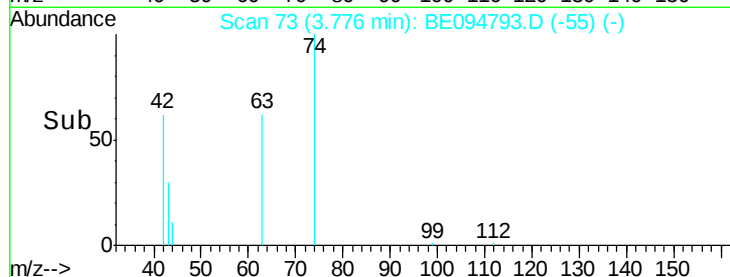
150

100

50

0

Time--> 3.60 3.70 3.80 3.90



#4

2-Fluorophenol

Concen: 0.30 ng

RT: 5.58 min Scan# 216

Delta R.T. 0.05 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

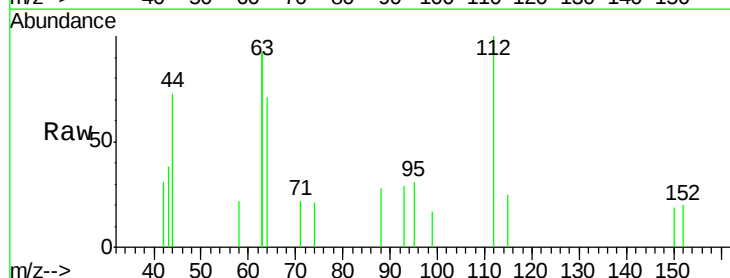
Tgt Ion: 112 Resp: 1231

Ion Ratio Lower Upper

112 100

64 69.9 60.1 90.1

63 142.3 116.8 175.2



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

5.58

600

500

400

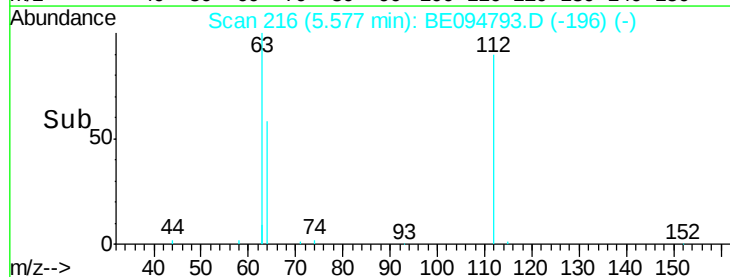
300

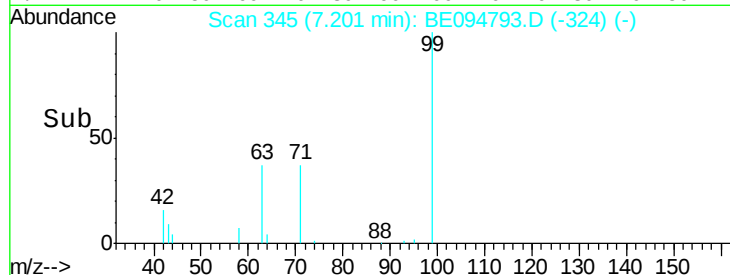
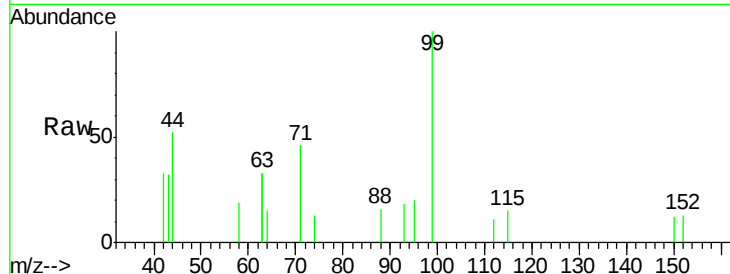
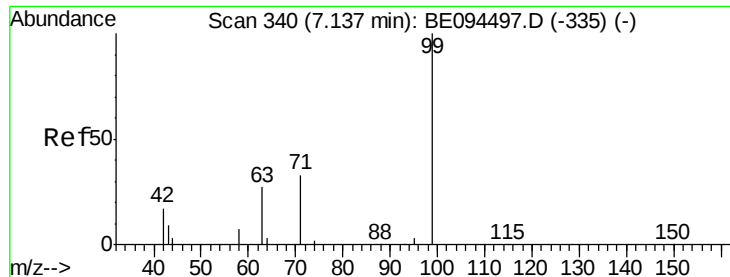
200

100

0

Time--> 5.40 5.50 5.60 5.70

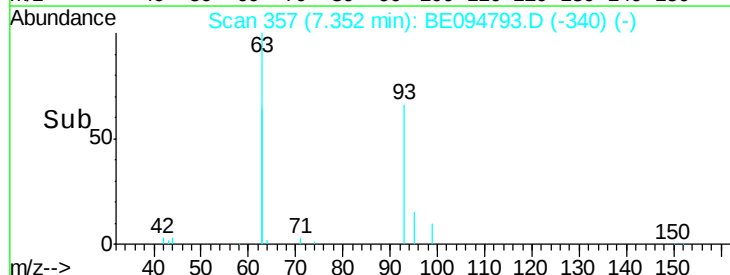
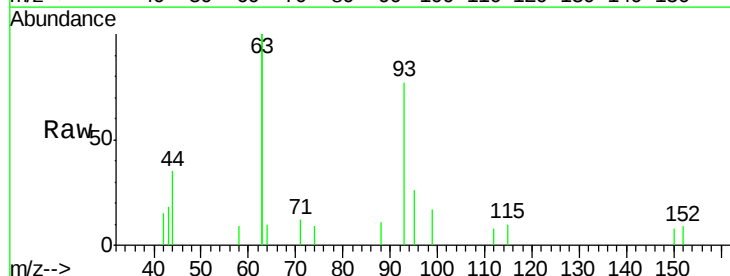
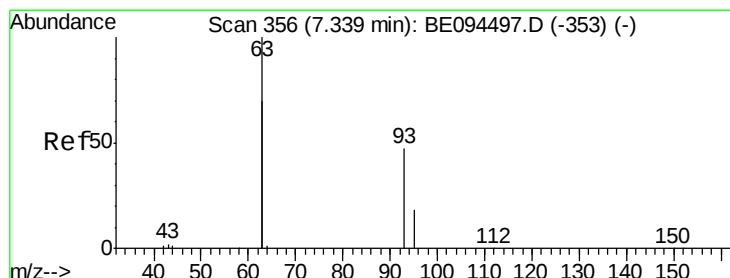
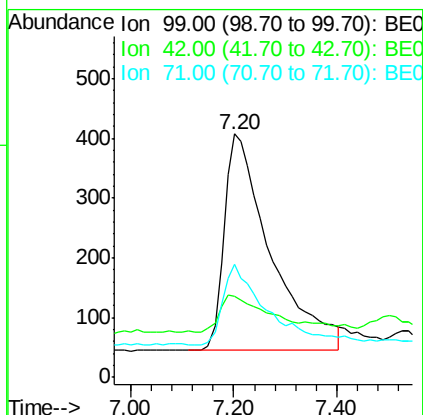




#5
Phenol-d6
Concen: 0.37 ng
RT: 7.20 min Scan# 345
Delta R.T. 0.06 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

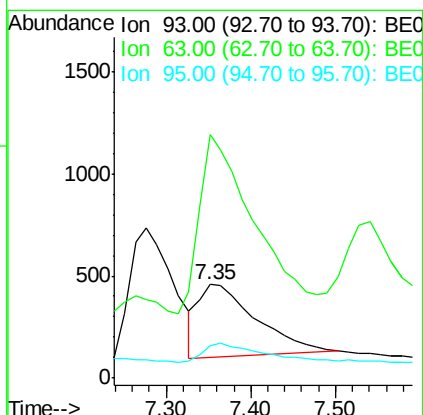
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

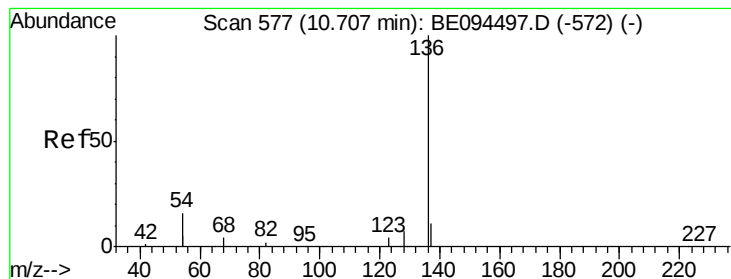
Tot Ion: 99 Resp: 2281
Ion Ratio Lower Upper
99 100
42 20.4 20.2 30.2
71 34.5 28.4 42.6



#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Tgt Ion: 93 Resp: 1685
Ion Ratio Lower Upper
93 100
63 239.2 275.3 412.9#
95 27.1 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: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 7069

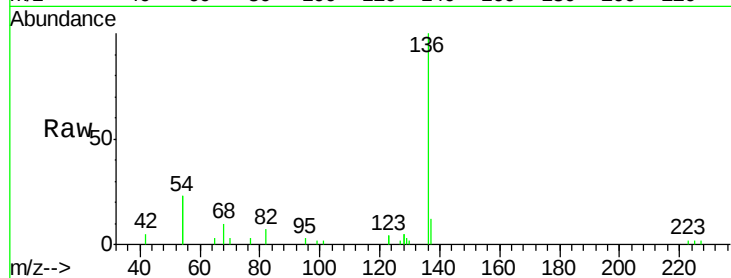
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 46.4 29.1 43.7#

68 9.7 6.2 9.2#

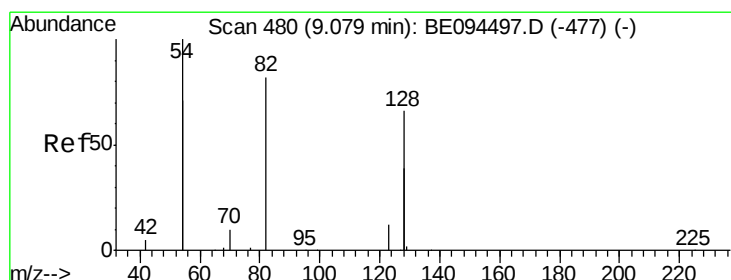
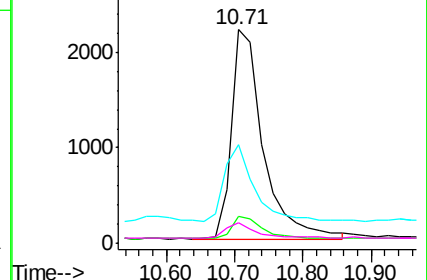
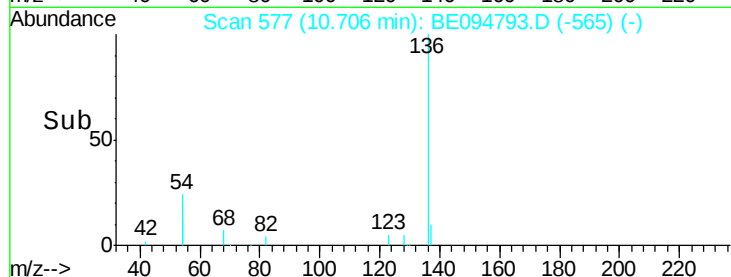


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

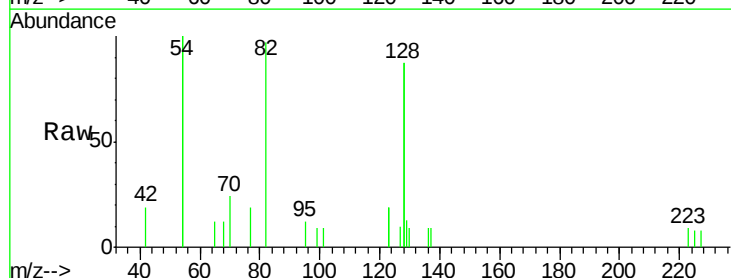
Tgt Ion: 82 Resp: 1840

Ion Ratio Lower Upper

82 100

128 178.4 150.0 225.0

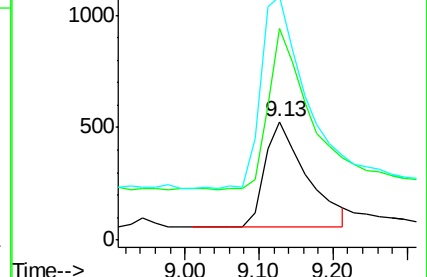
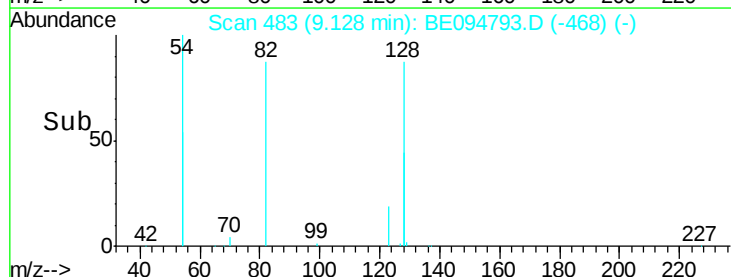
54 205.3 154.2 231.4

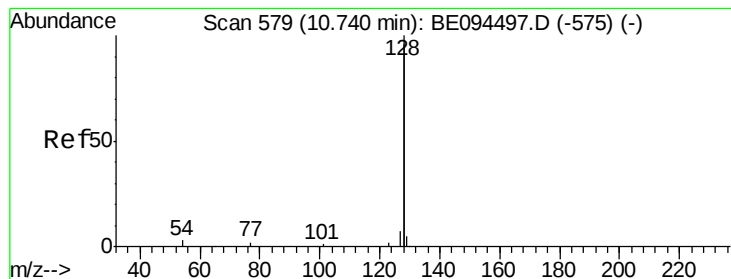


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

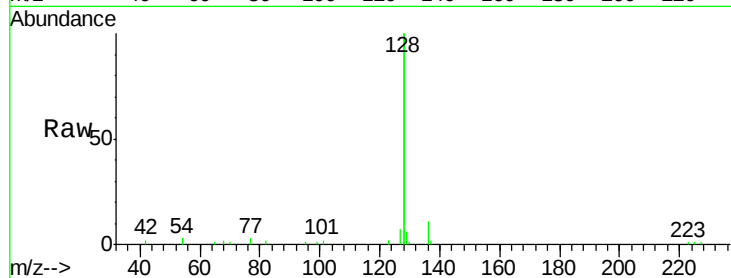
Tot Ion:128 Resp: 28225

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

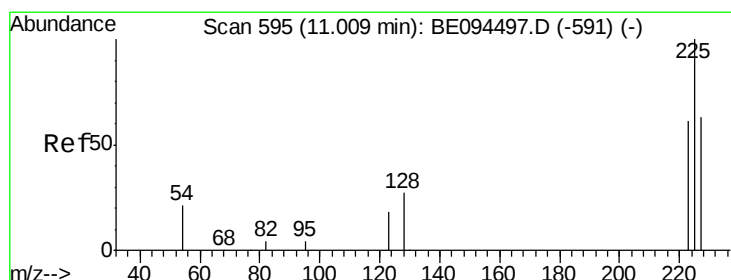
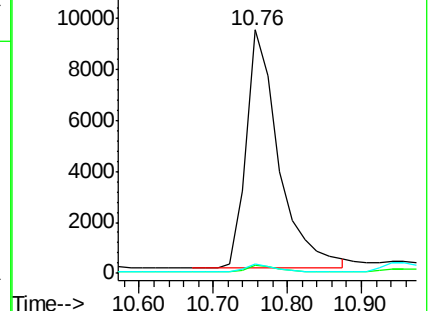
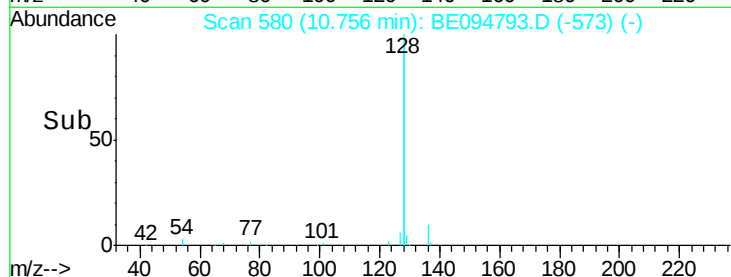
127 3.6 2.8 4.2



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: BE094793.D

Acq: 8 Nov 2017 21:17

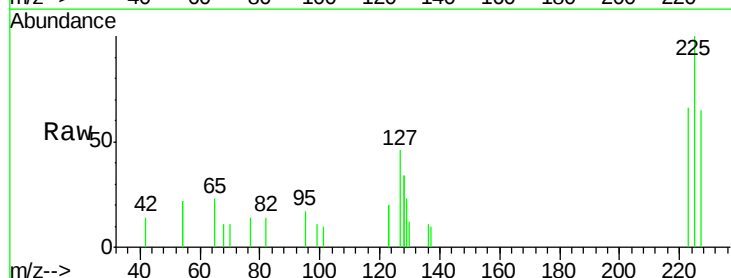
Tgt Ion:225 Resp: 1153

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

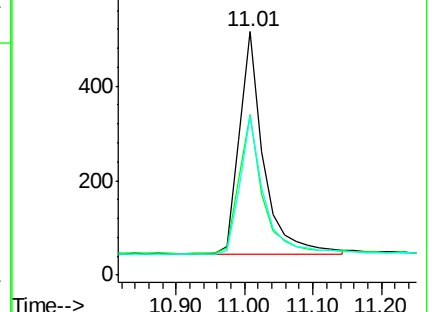
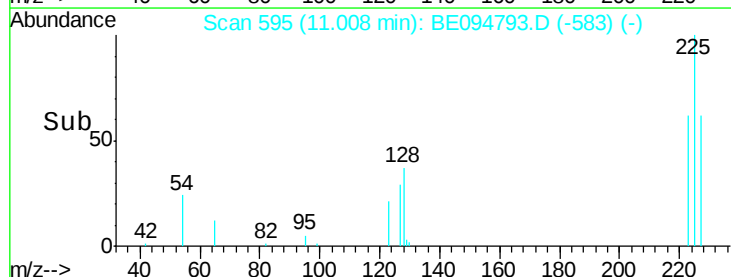
227 62.7 51.4 77.2

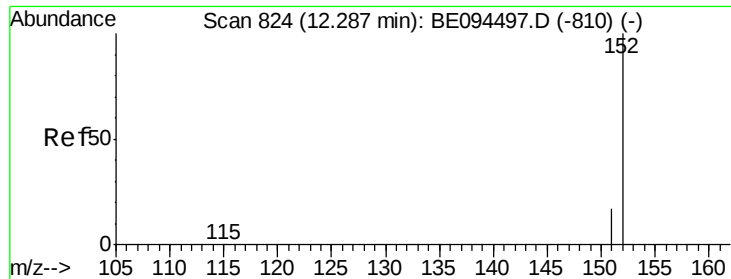


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

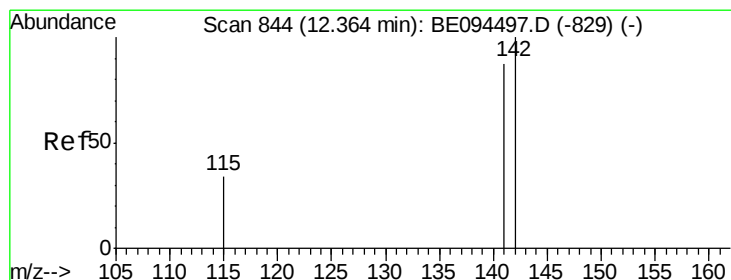
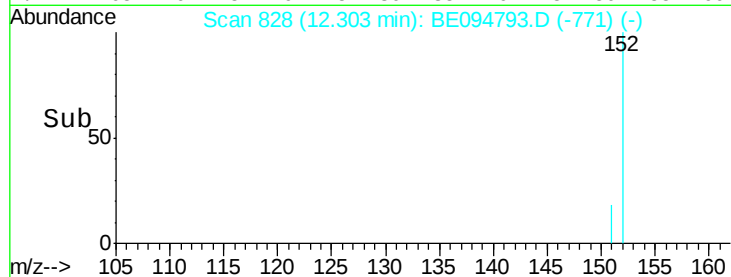
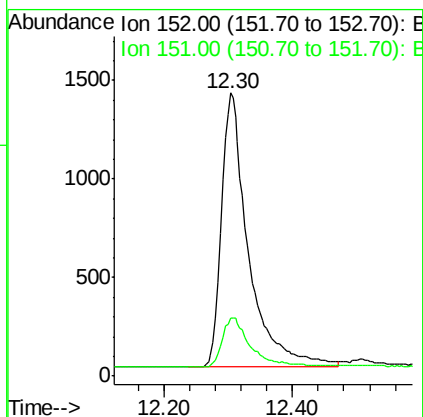
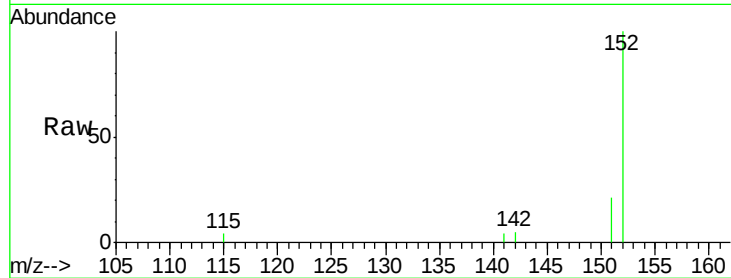




#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.30 min Scan# 828
Delta R.T. 0.02 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

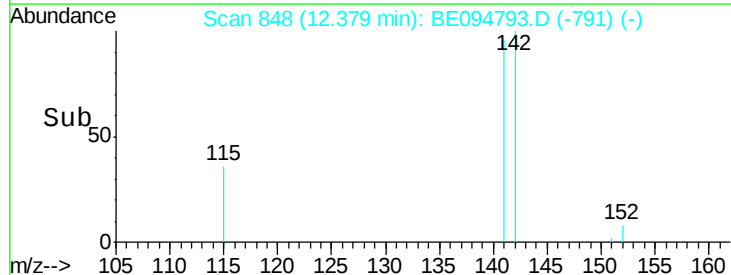
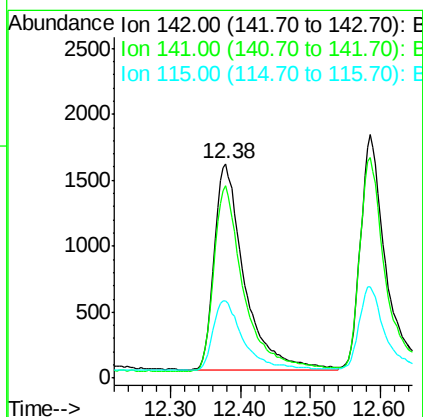
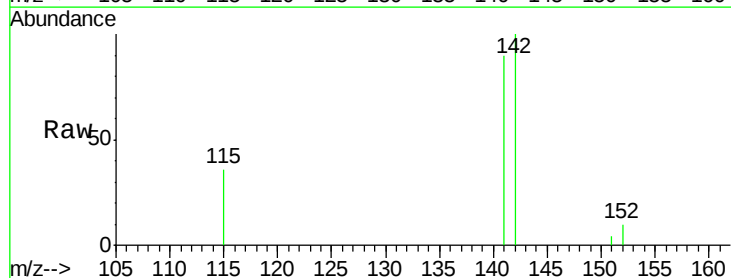
Instrument :
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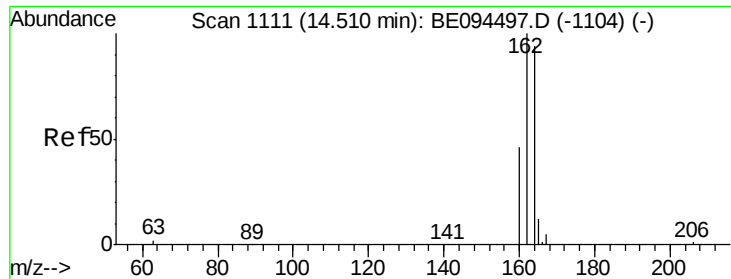
Tot Ion:152 Resp: 4039
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.34 ng
RT: 12.38 min Scan# 848
Delta R.T. 0.02 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Tgt Ion:142 Resp: 4674
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 35.8 31.7 47.5

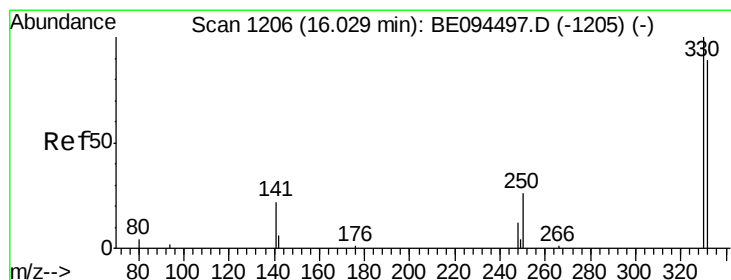
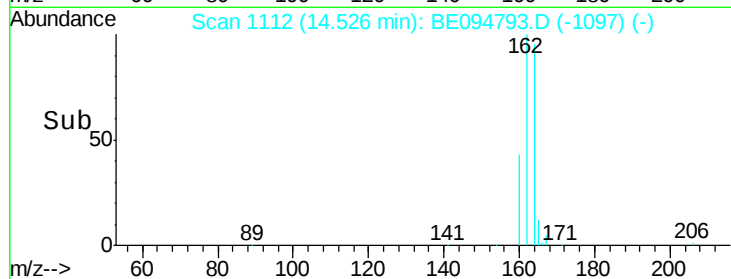
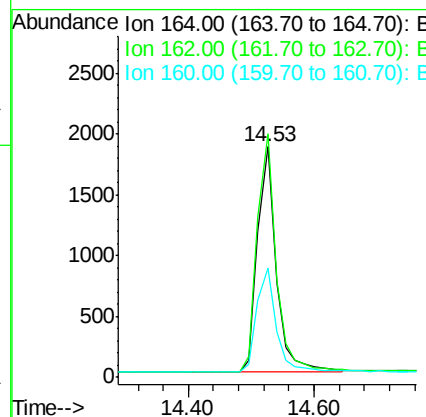
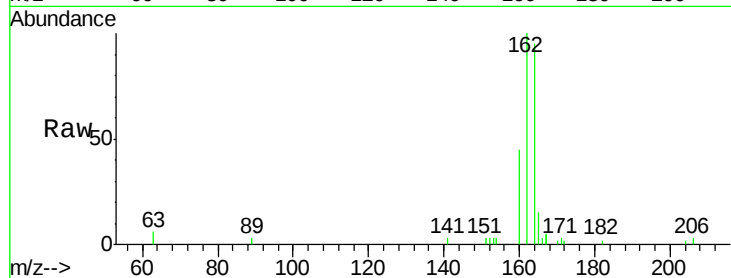




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

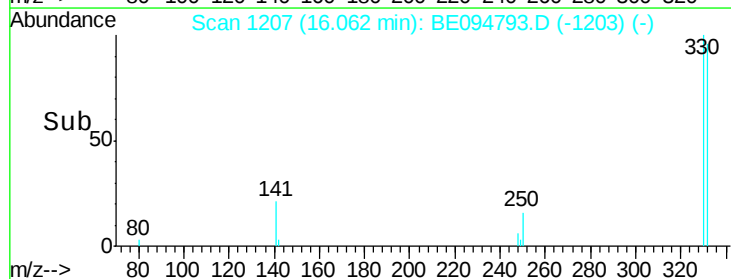
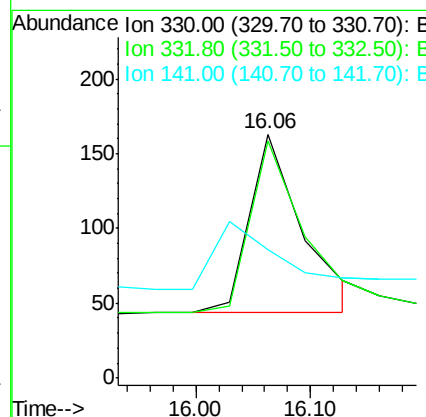
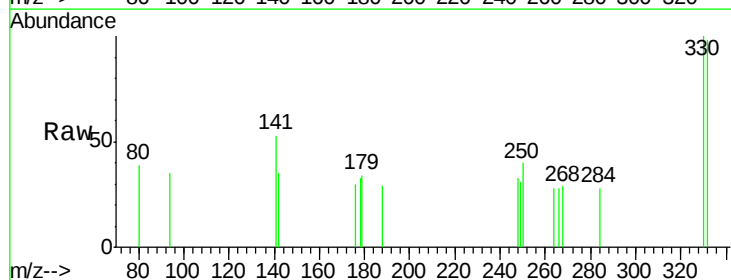
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

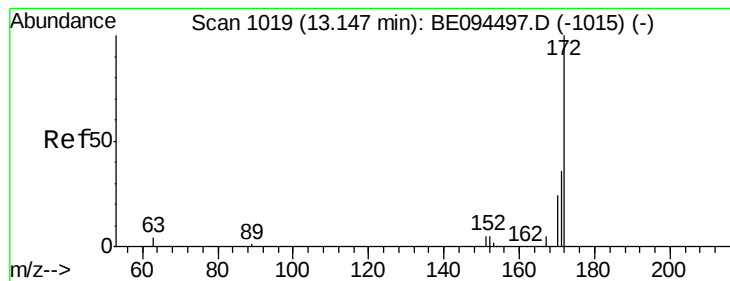
Tot Ion:164 Resp: 3800
Ion Ratio Lower Upper
164 100
162 105.6 83.1 124.7
160 47.2 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Tgt Ion:330 Resp: 381
Ion Ratio Lower Upper
330 100
332 97.6 152.7 229.1#
141 0.0 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.02 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

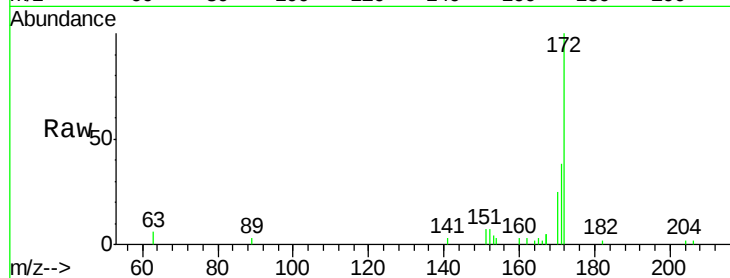
Tot Ion:172 Resp: 4994

Ion Ratio Lower Upper

172 100

171 38.0 29.9 44.9

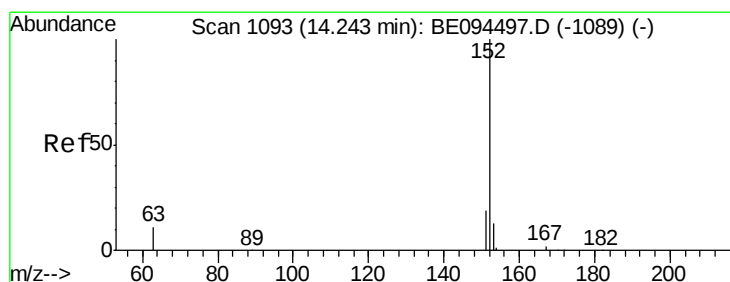
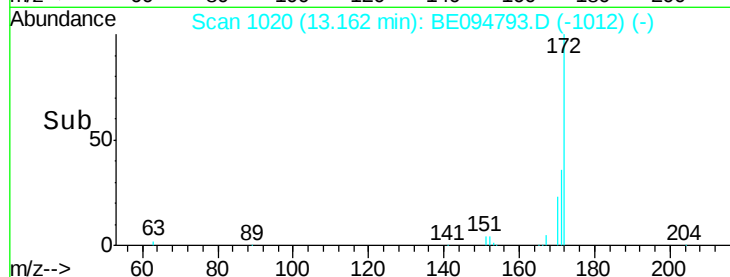
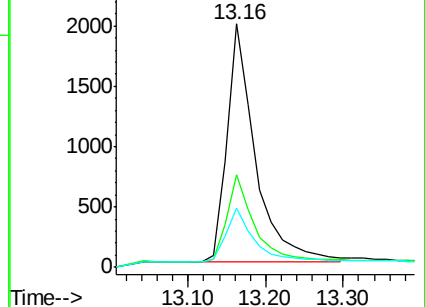
170 24.5 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.37 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

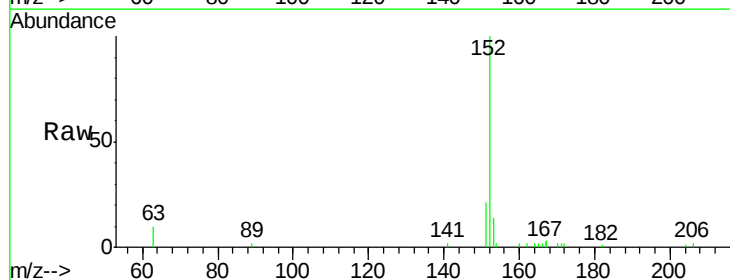
Tgt Ion:152 Resp: 7356

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5

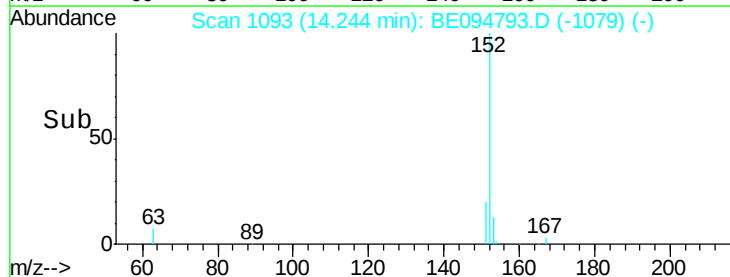
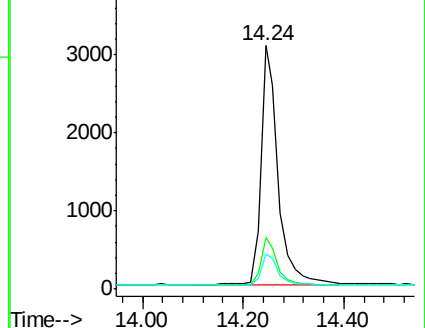
153 13.0 10.5 15.7

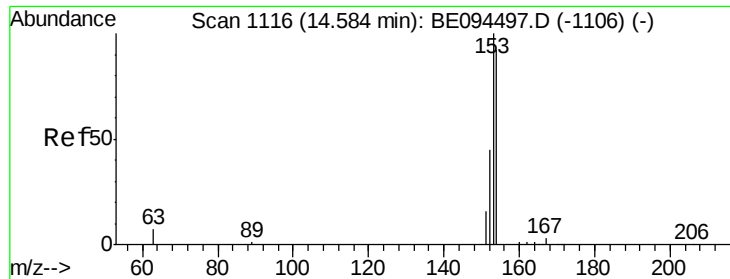


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

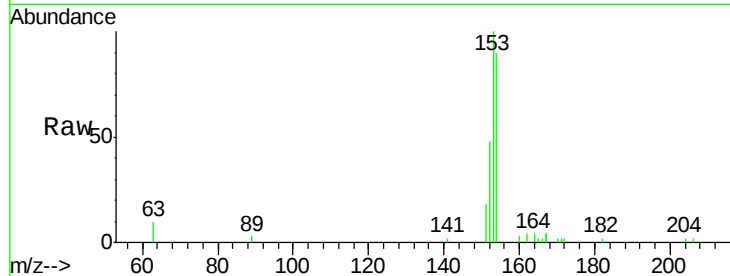




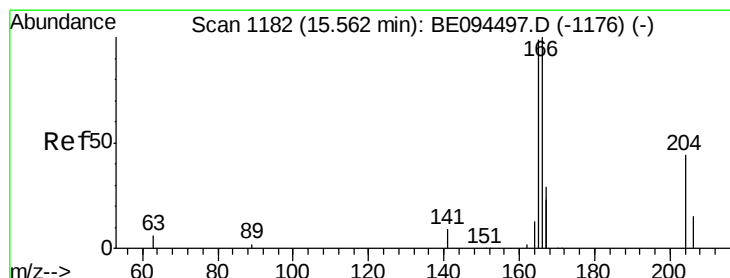
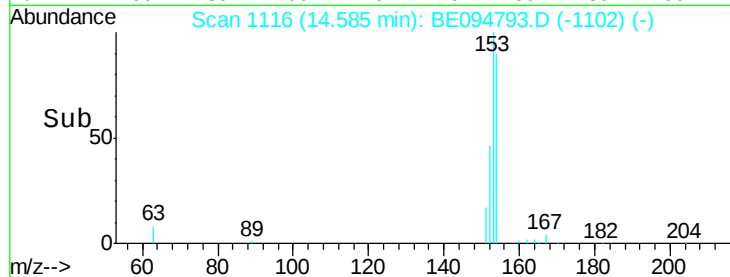
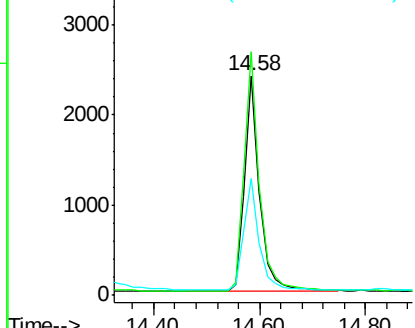
#17
Acenaphthene
Concen: 0.37 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 4707
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 52.5 42.0 63.0

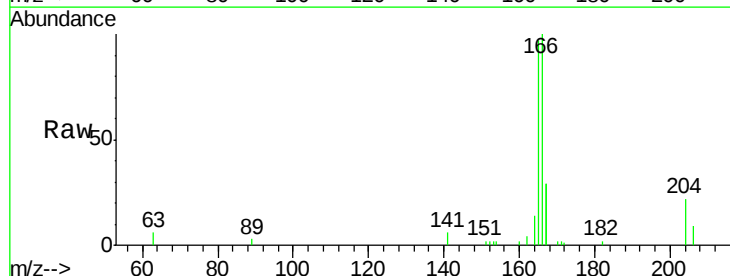


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

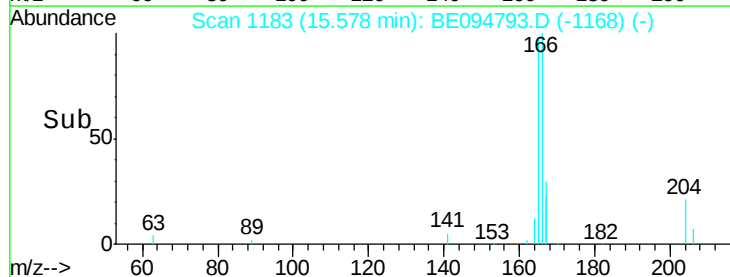
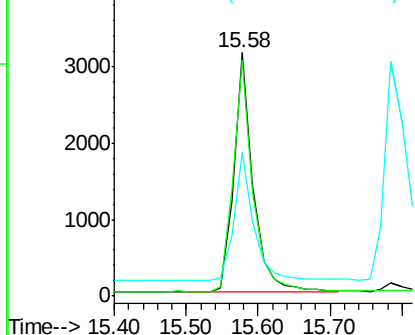


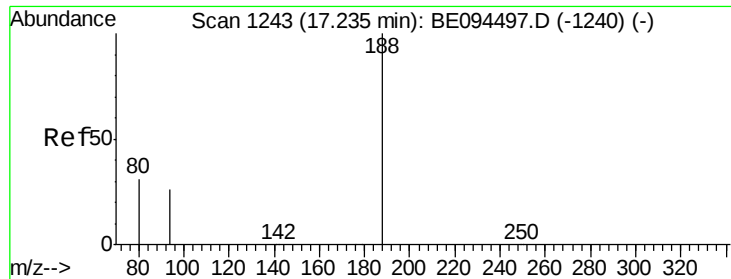
#18
Fluorene
Concen: 0.36 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Tgt Ion:166 Resp: 5868
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.6
167 54.6 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: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

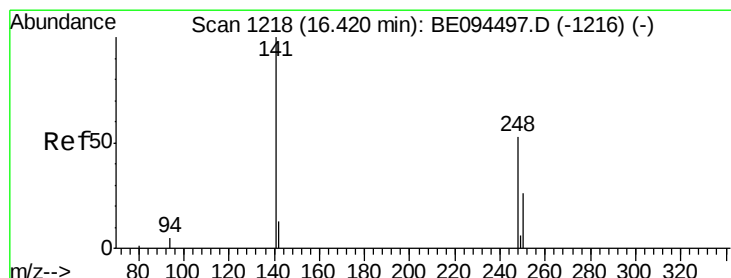
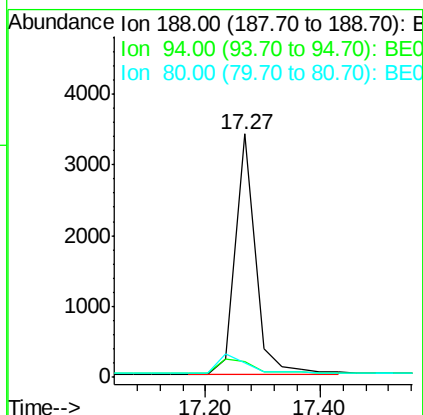
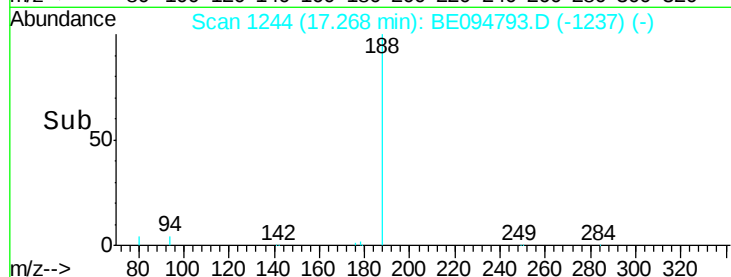
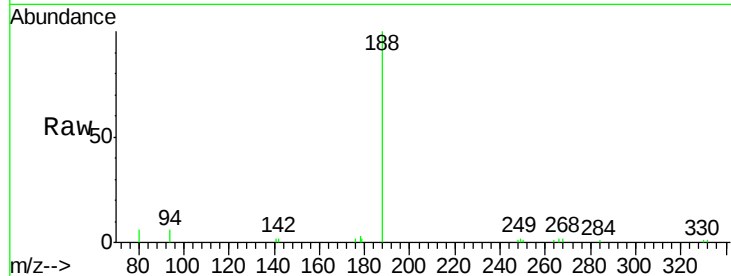
Tot Ion:188 Resp: 8148

Ion Ratio Lower Upper

188 100

94 6.3 3.9 5.9#

80 6.1 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.30 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.03 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

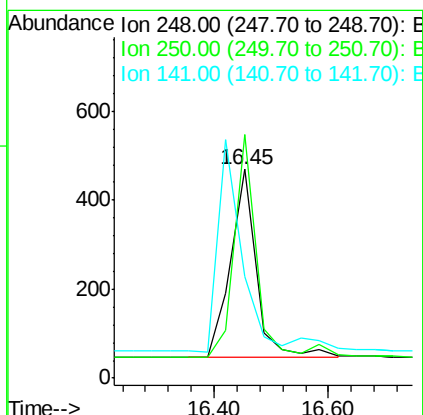
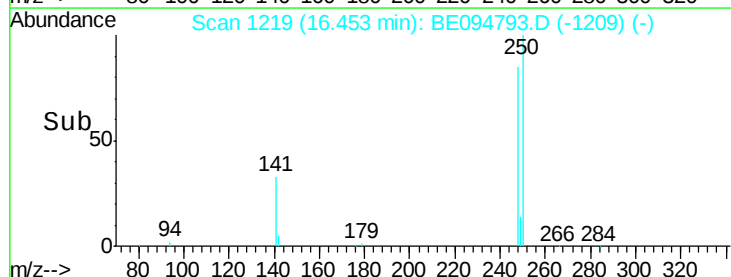
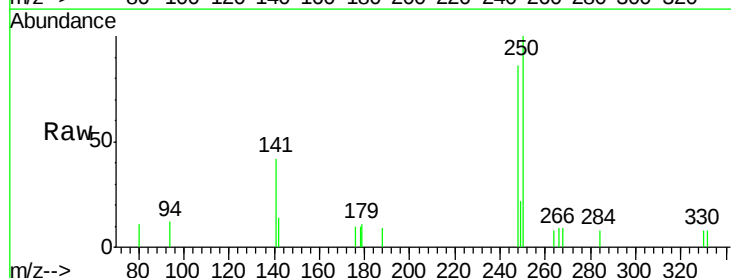
Tgt Ion:248 Resp: 1314

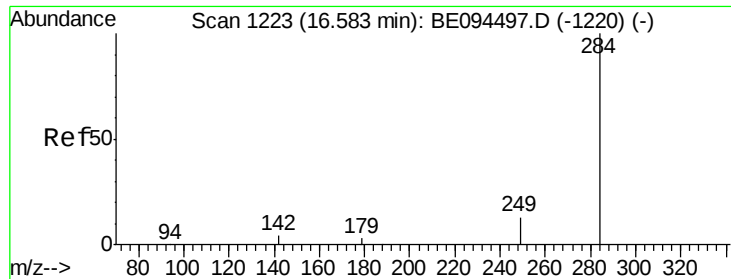
Ion Ratio Lower Upper

248 100

250 116.6 62.7 94.1#

141 48.8 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.48 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

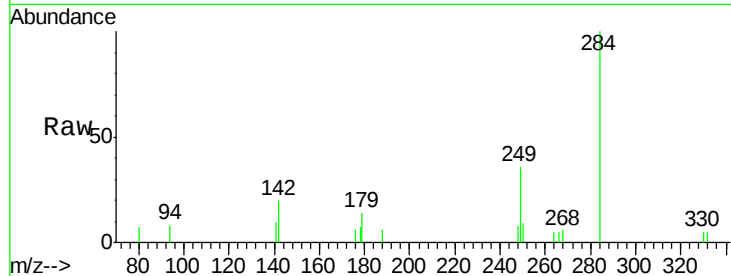
Tot Ion:284 Resp: 1876

Ion Ratio Lower Upper

284 100

142 23.8 22.1 33.1

249 29.5 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

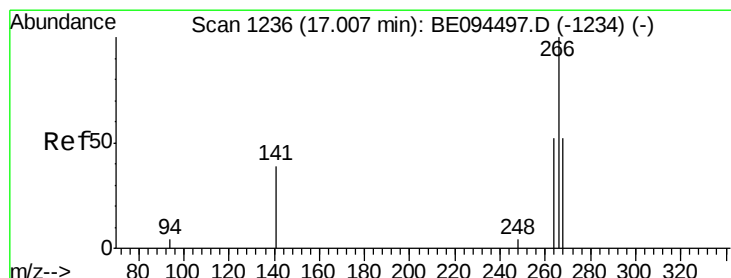
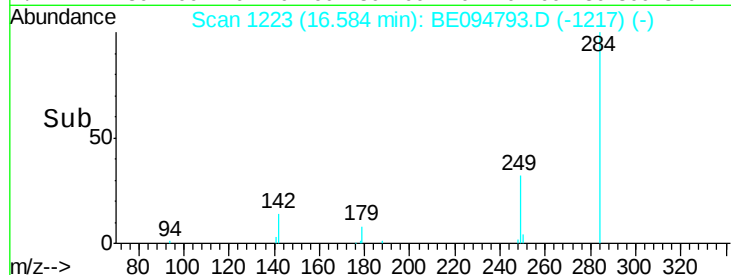
400

200

0

16.40 16.60 16.80

Time-->



#22

Pentachlorophenol

Concen: 0.11 ng

RT: 17.04 min Scan# 1237

Delta R.T. 0.03 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

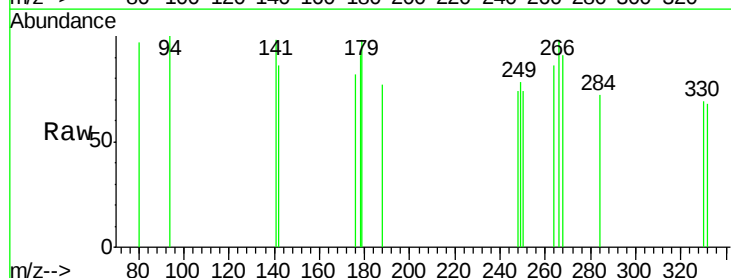
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

264 87.5 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

17.04

80

60

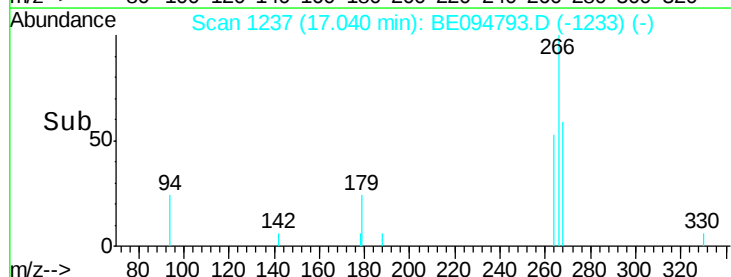
40

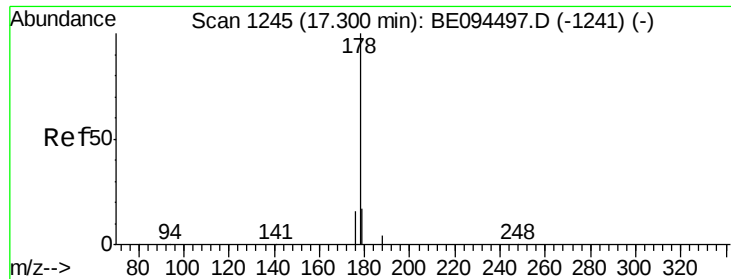
20

0

17.00 17.10 17.20

Time-->

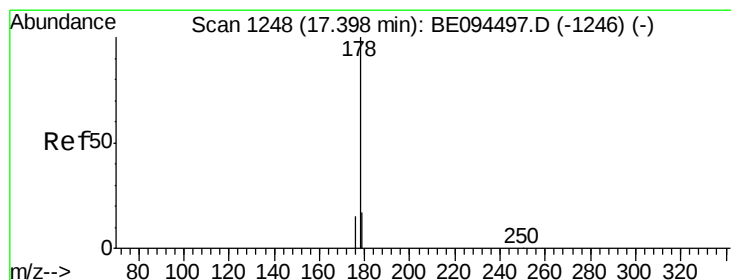
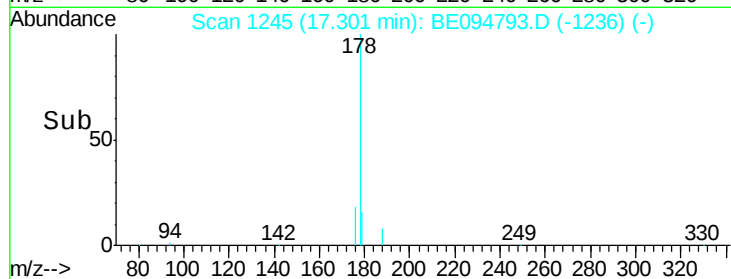
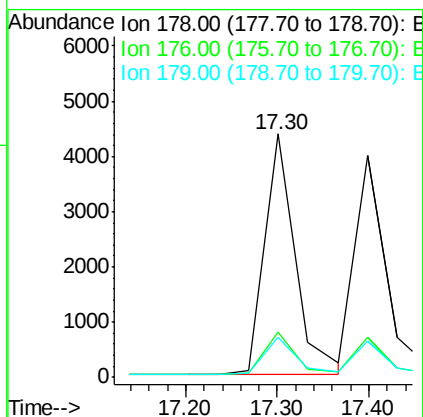
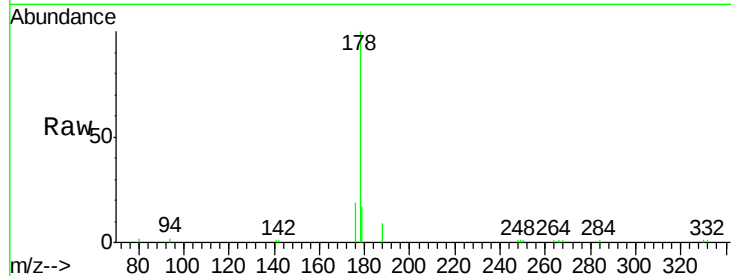




#23
Phenanthrene
Concen: 0.48 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

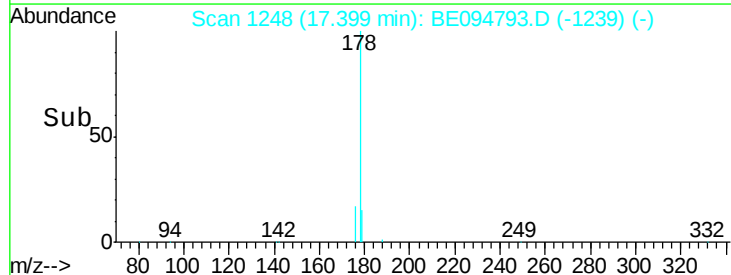
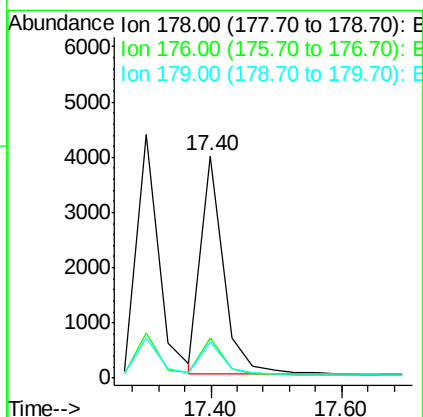
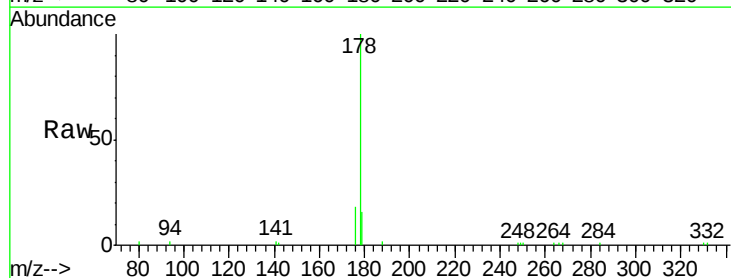
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

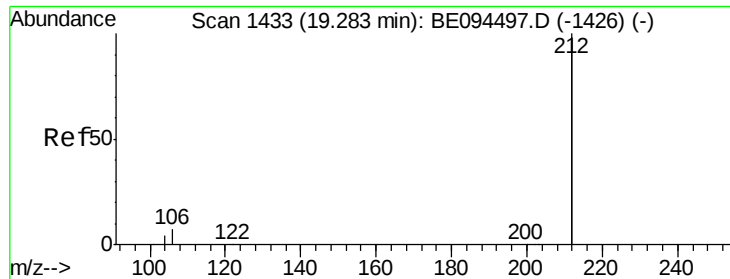
Tot Ion:178 Resp: 10131
Ion Ratio Lower Upper
178 100
176 17.8 15.1 22.7
179 15.8 11.8 17.6



#24
Anthracene
Concen: 0.40 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Tgt Ion:178 Resp: 9487
Ion Ratio Lower Upper
178 100
176 16.9 12.8 19.2
179 15.5 13.0 19.6

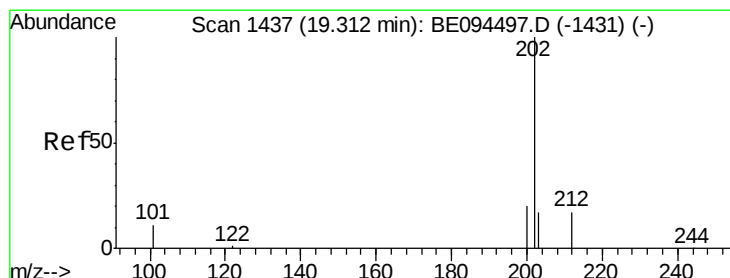
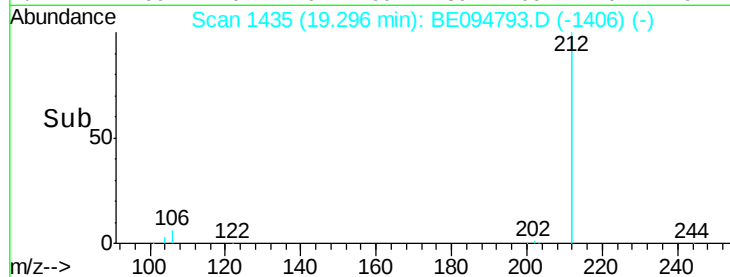
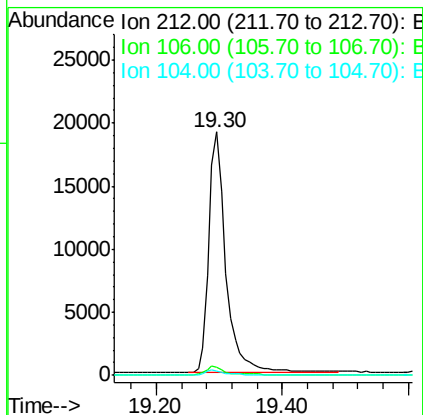
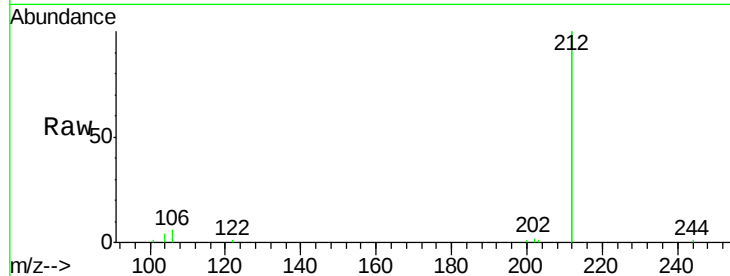




#25
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

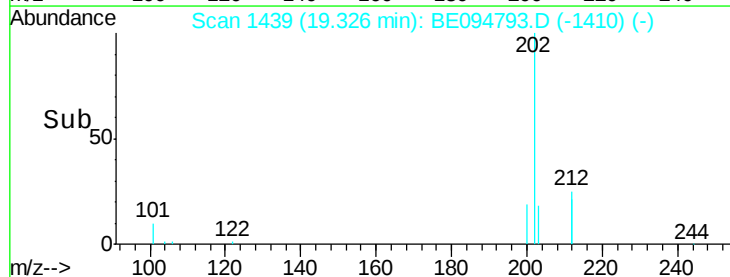
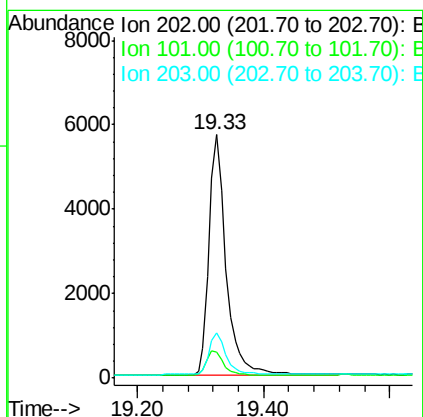
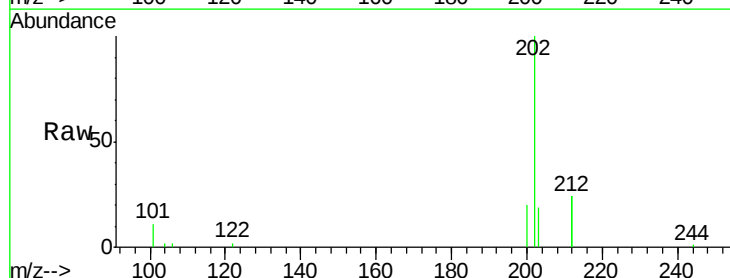
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

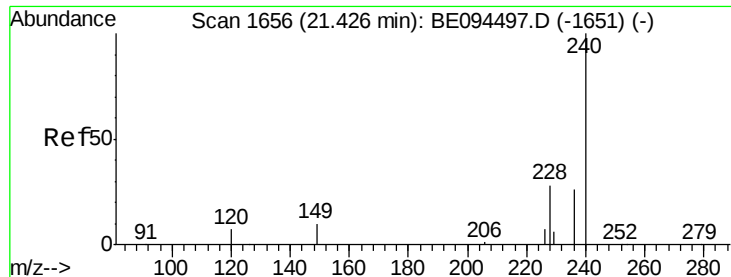
Tot Ion:212 Resp: 35958
Ion Ratio Lower Upper
212 100
106 3.3 2.8 4.2
104 1.8 1.6 2.4



#26
Fluoranthene
Concen: 0.34 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE094793.D
Acq: 8 Nov 2017 21:17

Tgt Ion:202 Resp: 10854
Ion Ratio Lower Upper
202 100
101 10.7 9.8 14.8
203 17.2 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: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

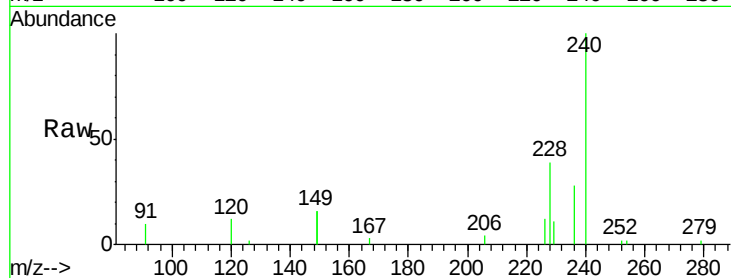
Tot Ion:240 Resp: 8548

Ion Ratio Lower Upper

240 100

120 11.9 5.5 8.3#

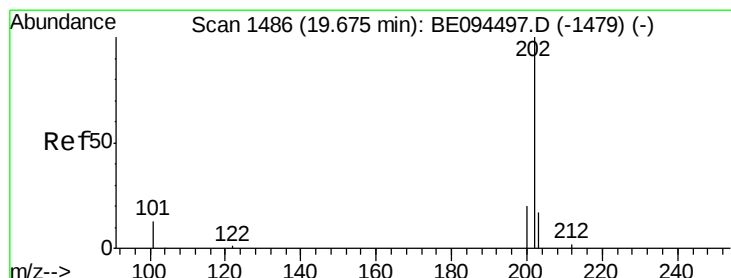
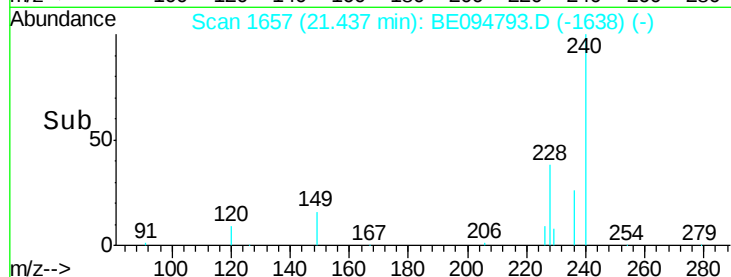
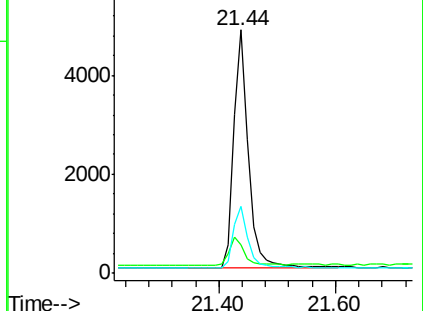
236 27.6 20.7 31.1



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: BE094793.D

Acq: 8 Nov 2017 21:17

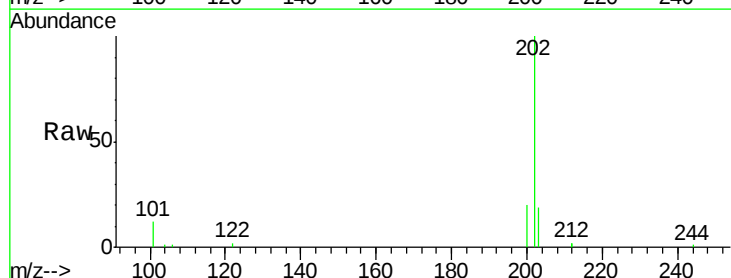
Tgt Ion:202 Resp: 11335

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

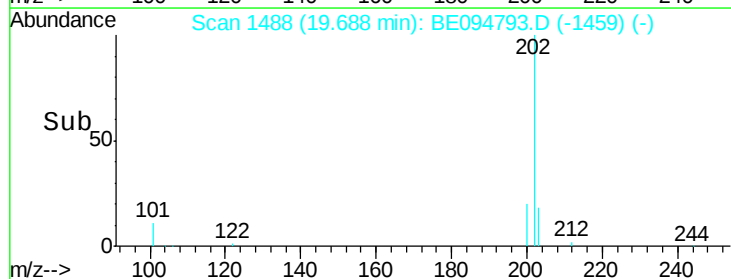
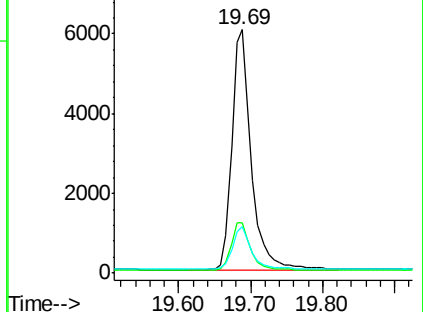
203 18.0 13.8 20.8

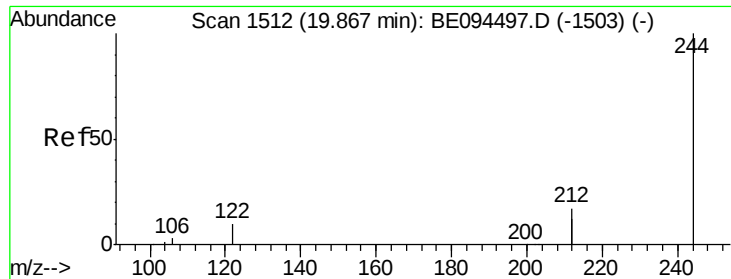


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

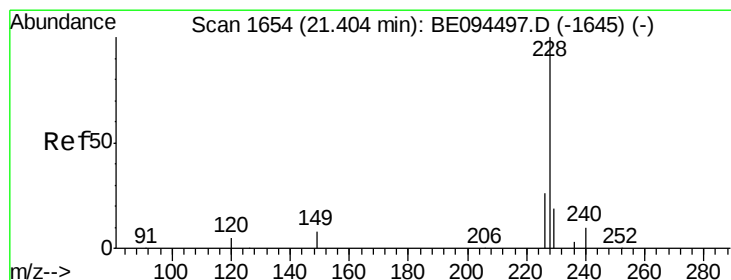
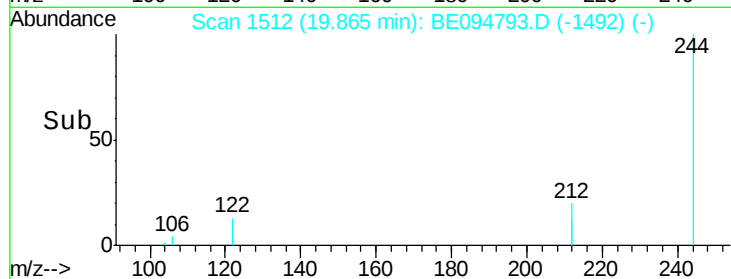
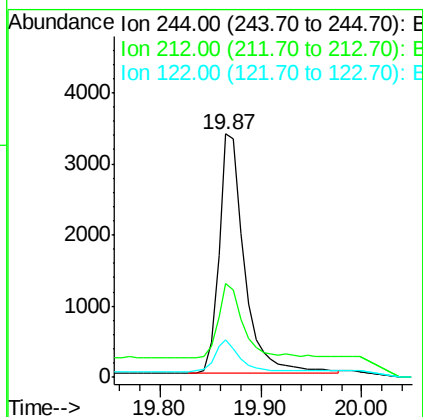
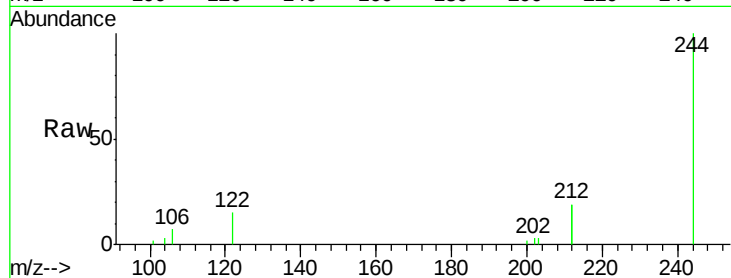




#29
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BE094793.D
 Acq: 8 Nov 2017 21:17

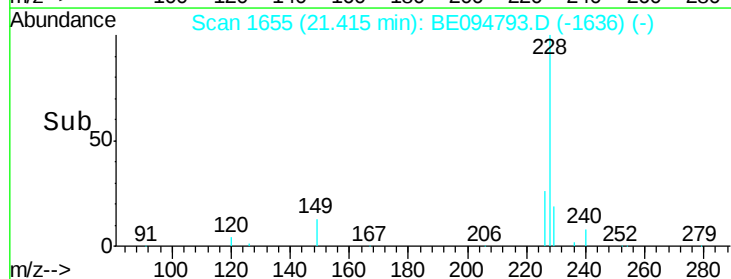
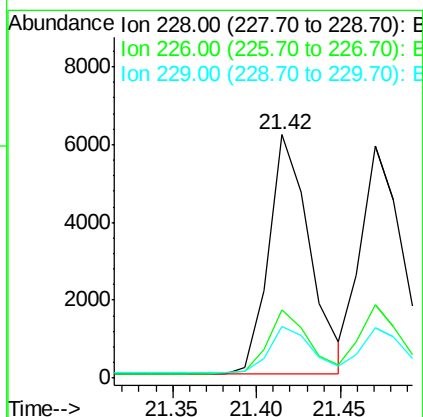
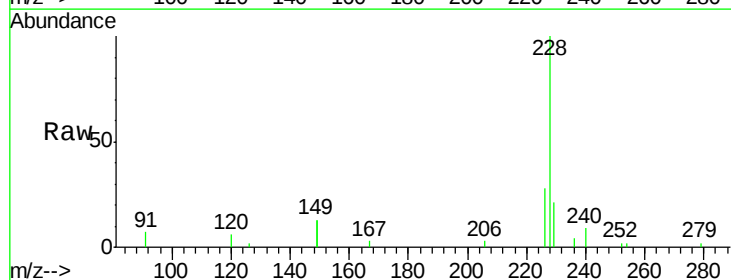
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

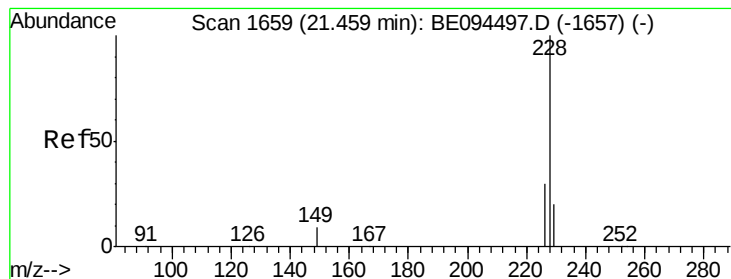
Tot Ion:244 Resp: 5911
 Ion Ratio Lower Upper
 244 100
 212 38.7 25.4 38.0#
 122 15.5 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.38 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. 0.01 min
 Lab File: BE094793.D
 Acq: 8 Nov 2017 21:17

Tgt Ion:228 Resp: 10473
 Ion Ratio Lower Upper
 228 100
 226 27.8 40.0 60.0#
 229 21.2 40.0 60.0#





#31

Chrysene

Concen: 0.37 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

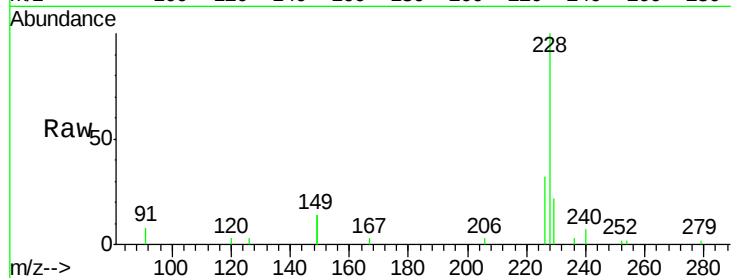
Tot Ion:228 Resp: 10593

Ion Ratio Lower Upper

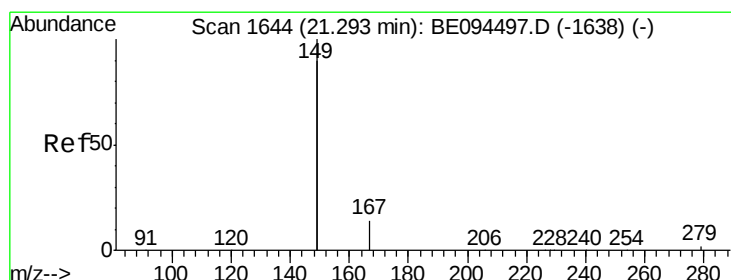
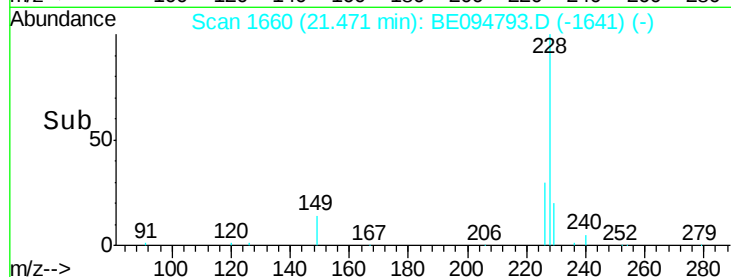
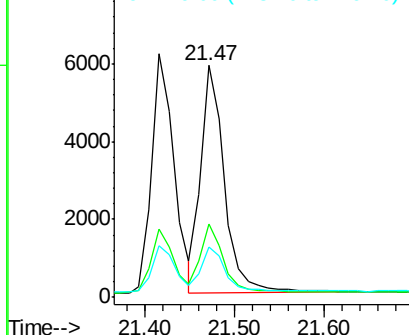
228 100

226 31.6 40.0 60.0#

229 21.6 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: 0.37 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

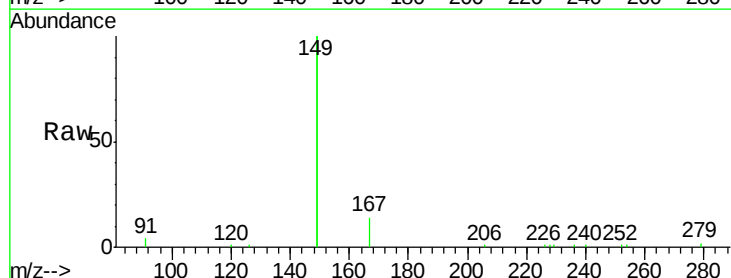
Tgt Ion:149 Resp: 24962

Ion Ratio Lower Upper

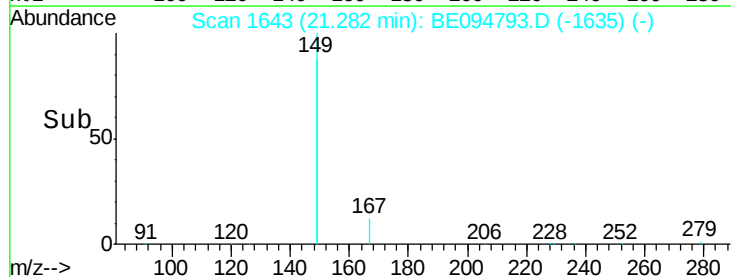
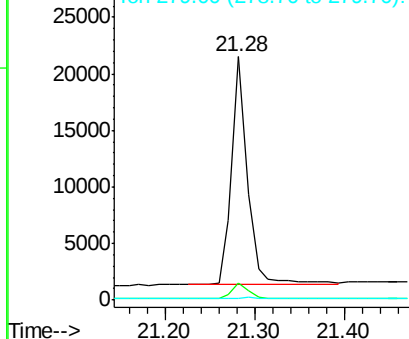
149 100

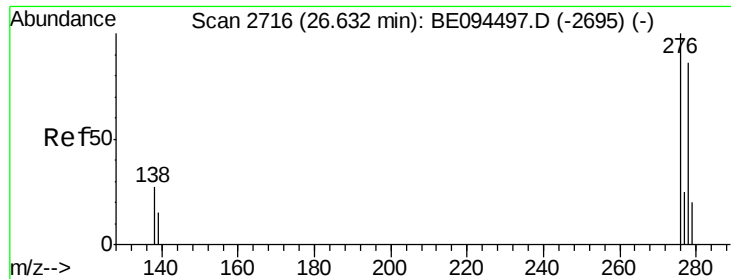
167 6.8 5.4 8.0

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: 0.27 ng

RT: 26.71 min Scan# 2732

Delta R.T. 0.07 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

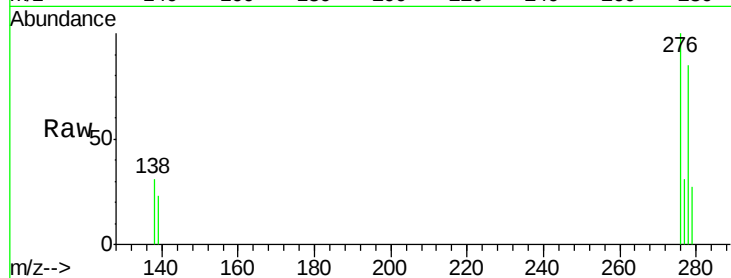
Tot Ion:276 Resp: 6947

Ion Ratio Lower Upper

276 100

138 26.3 22.5 33.7

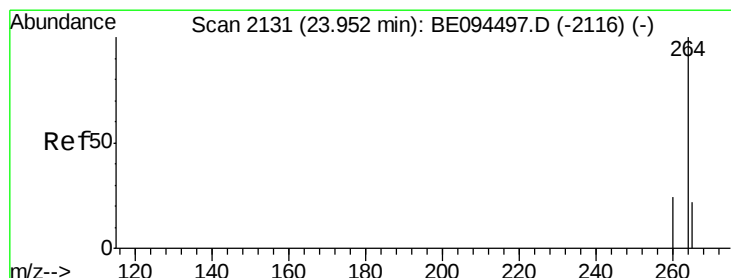
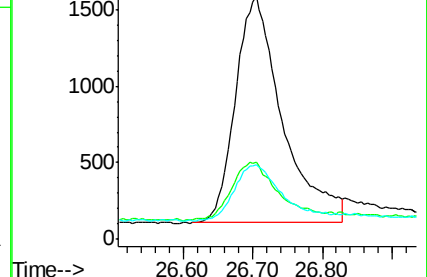
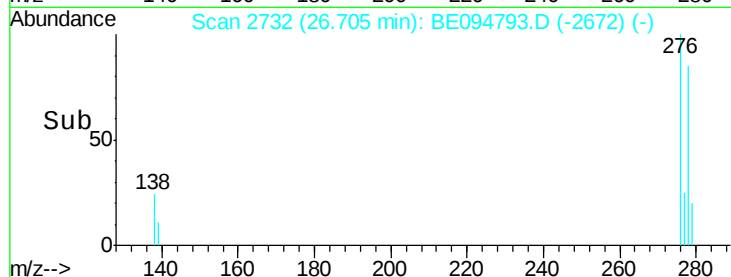
277 25.4 19.9 29.9



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# 2137

Delta R.T. 0.03 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

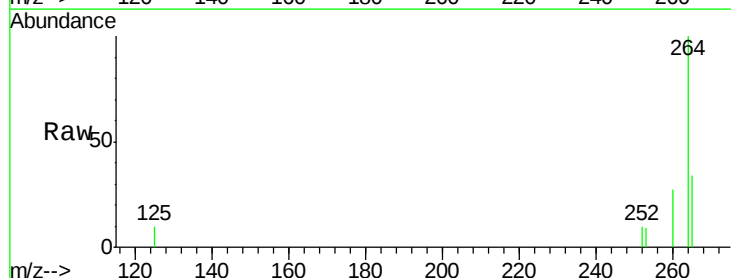
Tgt Ion:264 Resp: 7445

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

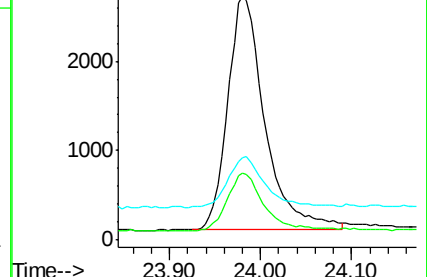
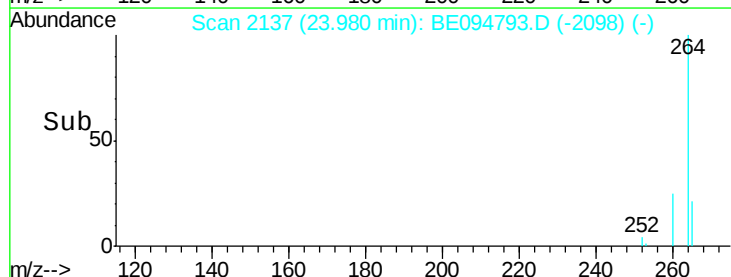
265 33.9 22.8 34.2

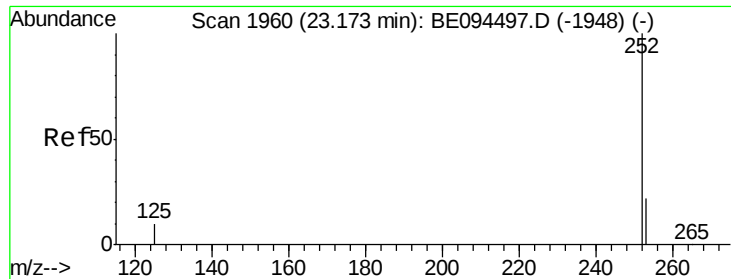


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.20 min Scan# 1965

Delta R.T. 0.02 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

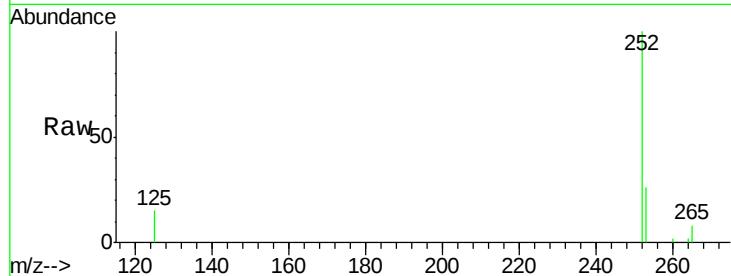
Tot Ion:252 Resp: 8883

Ion Ratio Lower Upper

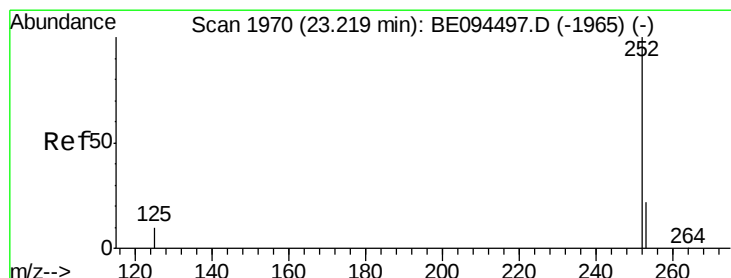
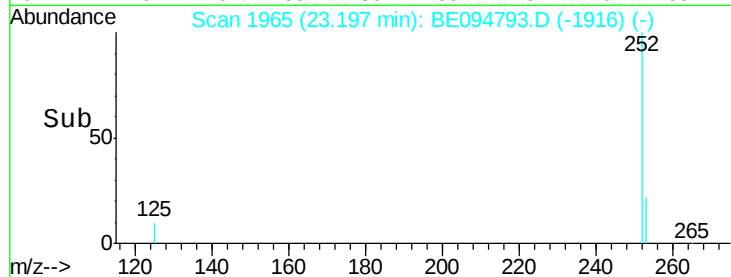
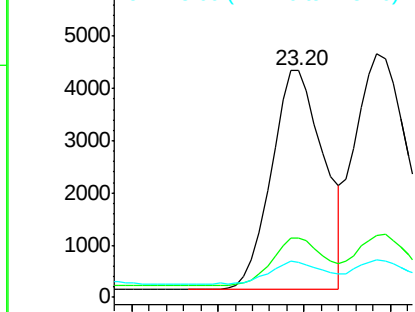
252 100

253 26.0 48.0 72.0#

125 15.5 56.0 84.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.43 ng

RT: 23.24 min Scan# 1975

Delta R.T. 0.02 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

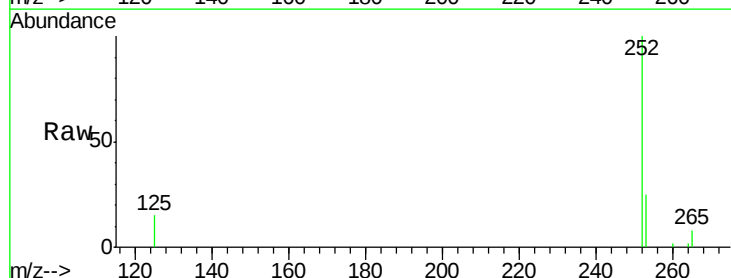
Tgt Ion:252 Resp: 10942

Ion Ratio Lower Upper

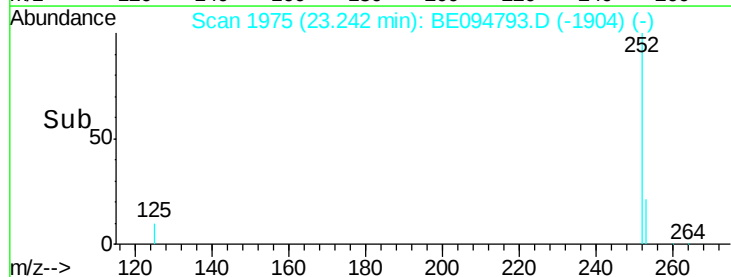
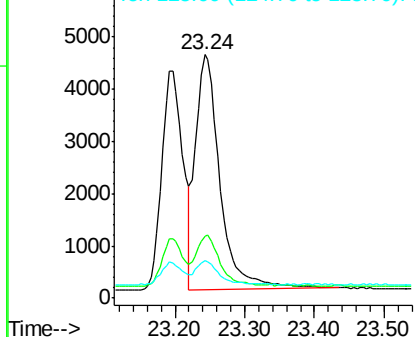
252 100

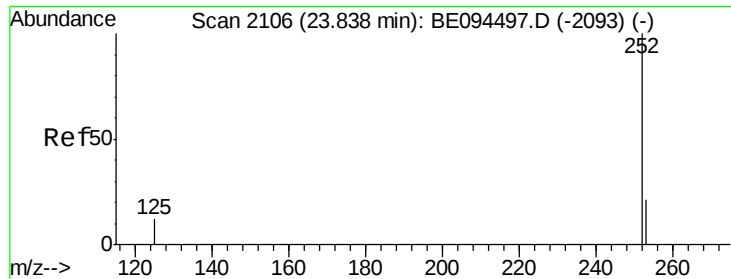
253 25.4 48.0 72.0#

125 15.3 56.0 84.0#



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





#37

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.87 min Scan# 2112

Delta R.T. 0.03 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

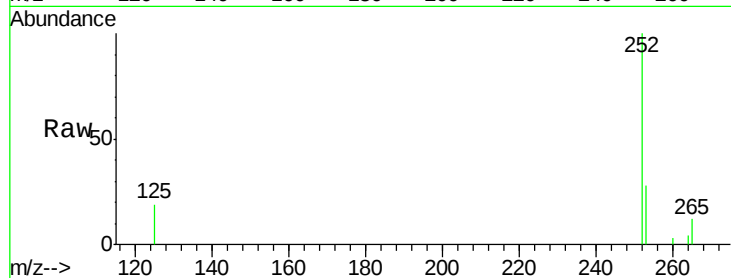
Tot Ion:252 Resp: 9017

Ion Ratio Lower Upper

252 100

253 28.0 52.0 78.0#

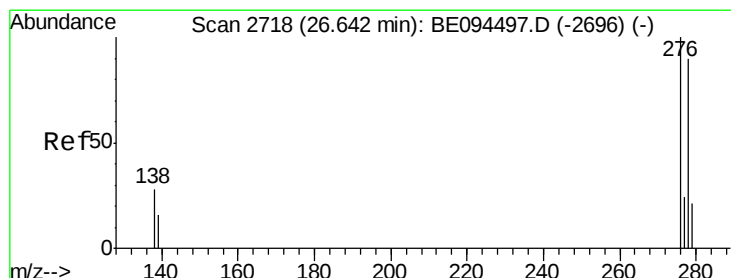
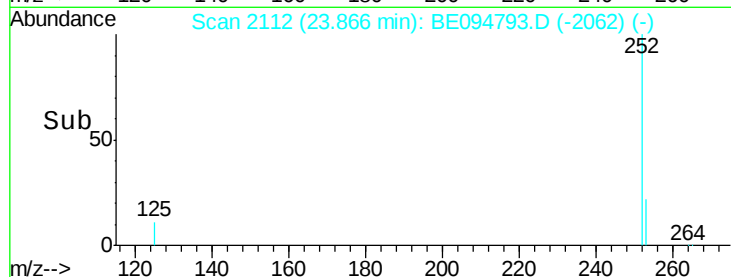
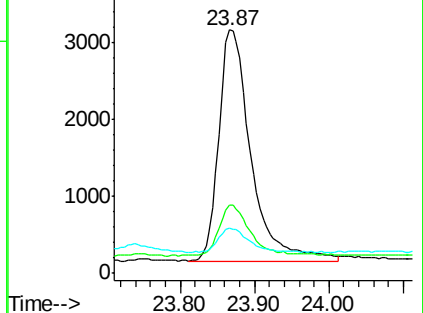
125 18.8 68.0 102.0#



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: 0.32 ng

RT: 26.69 min Scan# 2729

Delta R.T. 0.05 min

Lab File: BE094793.D

Acq: 8 Nov 2017 21:17

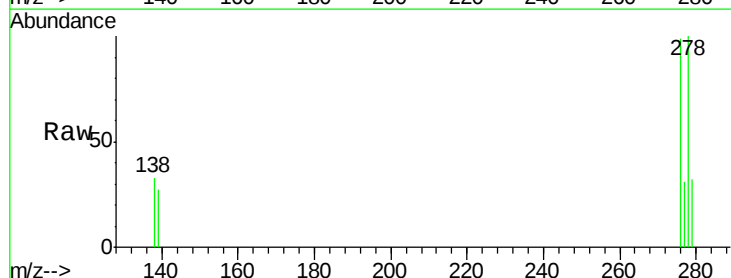
Tgt Ion:278 Resp: 6649

Ion Ratio Lower Upper

278 100

139 26.6 56.0 84.0#

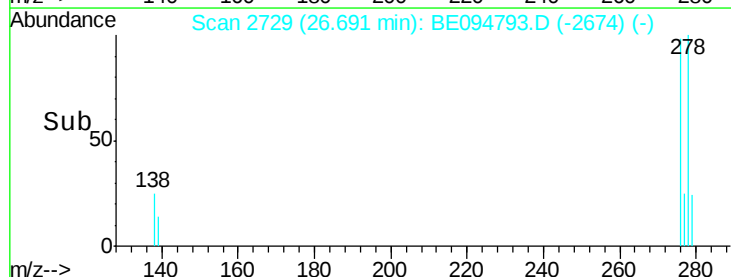
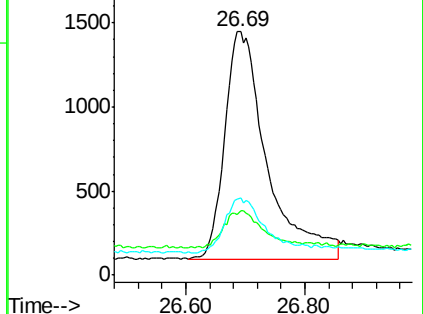
279 31.8 52.0 78.0#

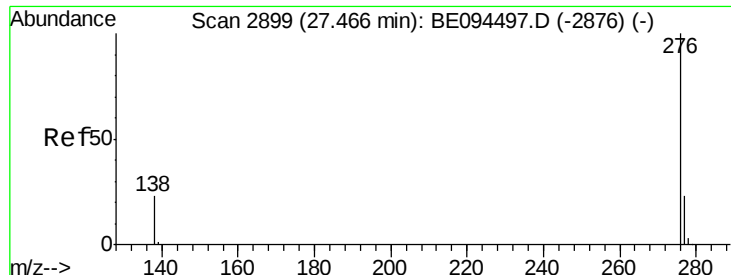


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.26 ng

RT: 27.55 min Scan# 2918

Delta R.T. 0.09 min

Lab File: BE094793.D

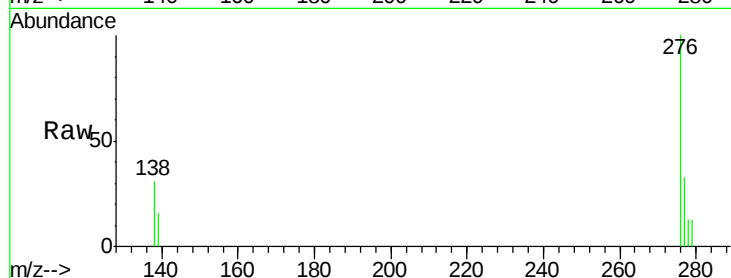
Acq: 8 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



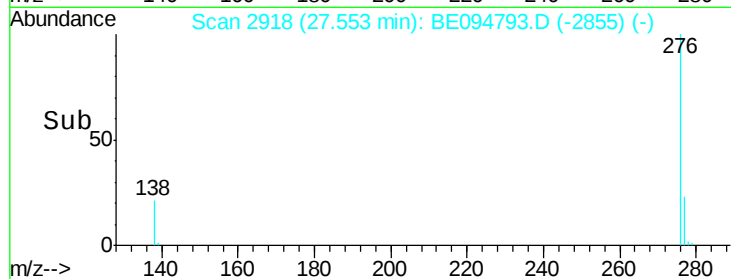
Tot Ion: 276 Resp: 5137

Ion Ratio Lower Upper

276 100

277 32.5 52.0 78.0#

138 31.3 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

