

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
 Data File : BE095063.D
 Acq On : 26 Dec 2017 19:22
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 27 01:07:37 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 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6581	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	15994	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	9204	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	21660	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	22182	0.40	ng	-0.03
34) Perylene-d12	24.49	264	19407	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	4637	0.45	ng	-0.01
5) Phenol-d6	7.58	99	6781	0.45	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5656	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	10496	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1126	0.53	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	16169	0.40	ng	-0.02
25) Fluoranthene-d10	19.72	212	107924	0.38	ng	-0.03
29) Terphenyl-d14	20.28	244	17803	0.43	ng	-0.03

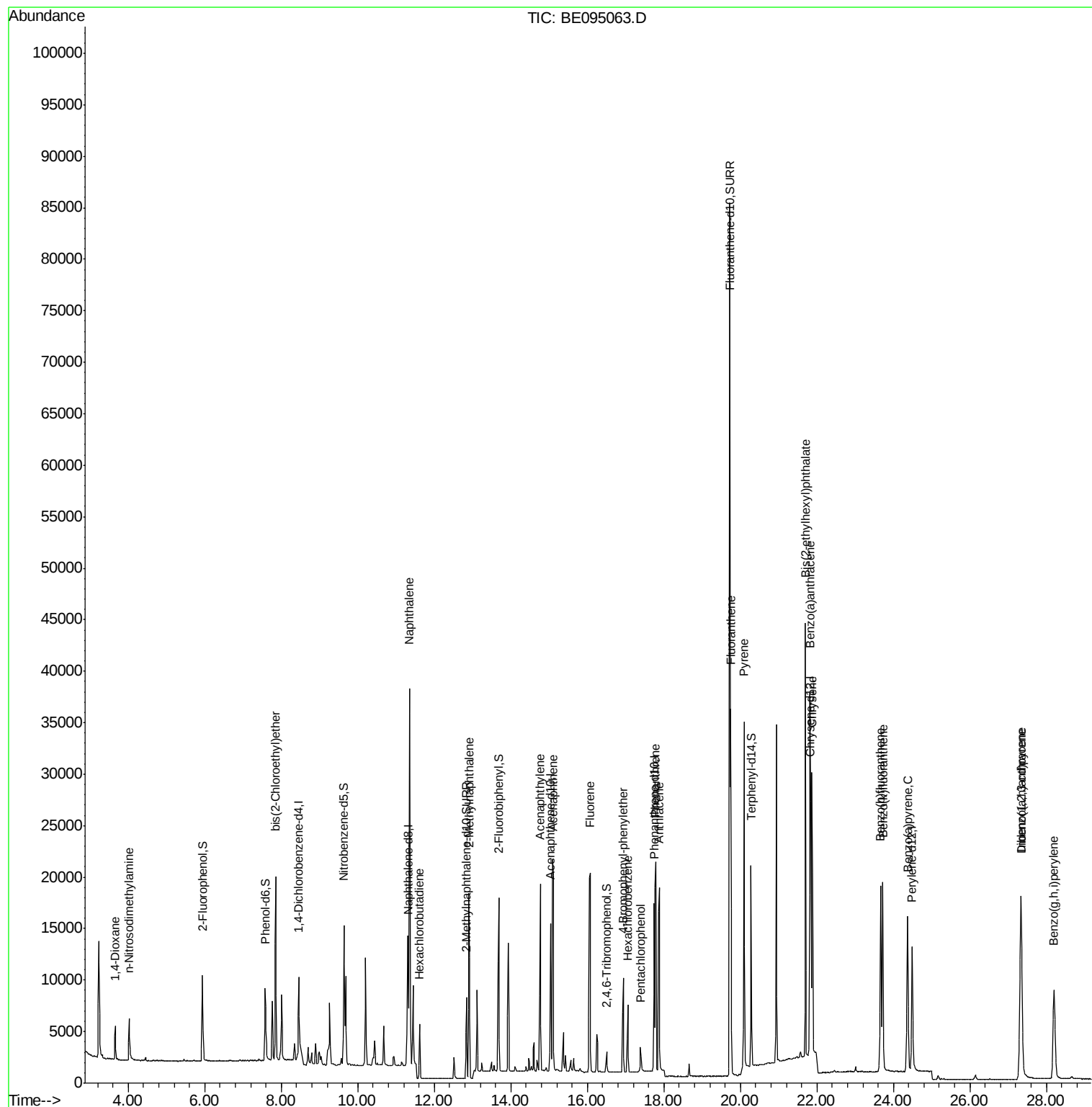
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2426	0.374	ng	# 88
3) n-Nitrosodimethylamine	4.02	42	3050	0.398	ng	# 97
6) bis(2-Chloroethyl)ether	7.86	93	6200	0.418	ng	91
9) Naphthalene	11.34	128	73732	0.393	ng	99
10) Hexachlorobutadiene	11.61	225	3350	0.392	ng	98
12) 2-Methylnaphthalene	12.91	142	17007	0.363	ng	98
16) Acenaphthylene	14.76	152	19701	0.400	ng	100
17) Acenaphthene	15.10	154	12709	0.389	ng	95
18) Fluorene	16.07	166	16107	0.397	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	4882	0.385	ng	# 75
21) Hexachlorobenzene	17.06	284	4936	0.381	ng	# 83
22) Pentachlorophenol	17.39	266	1472	0.538	ng	# 76
23) Phenanthrene	17.79	178	26085	0.386	ng	99
24) Anthracene	17.88	178	26520	0.383	ng	# 91
26) Fluoranthene	19.75	202	32087	0.385	ng	99
28) Pyrene	20.10	202	36822	0.490	ng	99
30) Benzo(a)anthracene	21.82	228	29047	0.448	ng	# 61
31) Chrysene	21.87	228	29917	0.410	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.70	149	47590	0.576	ng	100
33) Indeno(1,2,3-cd)pyrene	27.33	276	27526	0.463	ng	98
35) Benzo(b)fluoranthene	23.67	252	26998	0.379	ng	# 90
36) Benzo(k)fluoranthene	23.72	252	27153	0.376	ng	95
37) Benzo(a)pyrene	24.37	252	25288	0.400	ng	95
38) Dibenzo(a,h)anthracene	27.35	278	22632	0.386	ng	97
39) Benzo(g,h,i)perylene	28.20	276	22584	0.387	ng	# 94

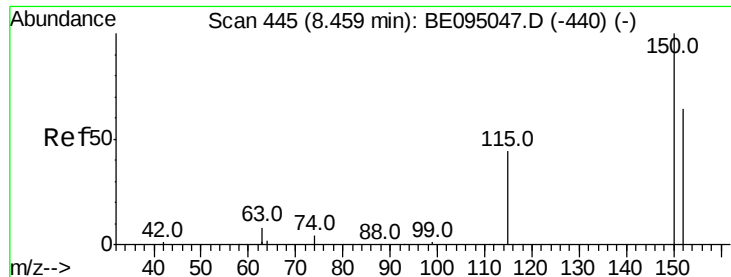
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

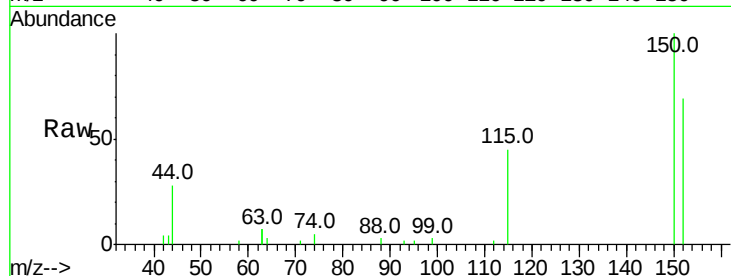
Tot Ion:152 Resp: 6581

Ion Ratio Lower Upper

152 100

150 145.6 117.2 175.8

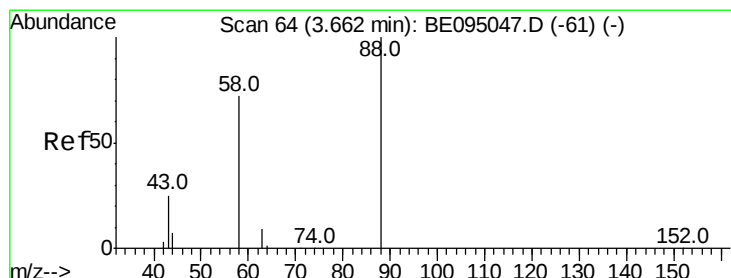
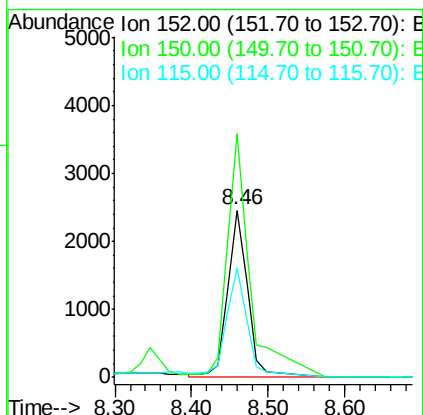
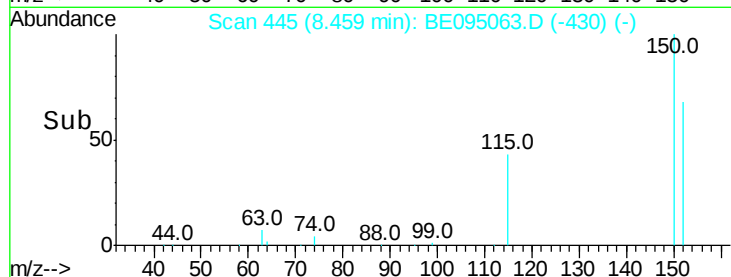
115 65.1 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.374 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

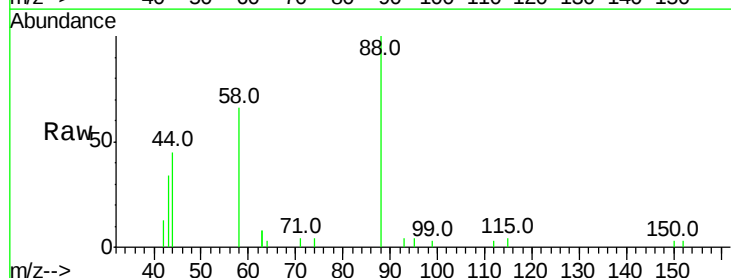
Tgt Ion: 88 Resp: 2426

Ion Ratio Lower Upper

88 100

58 81.8 63.2 94.8

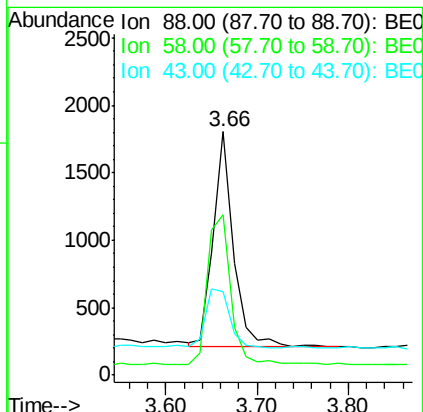
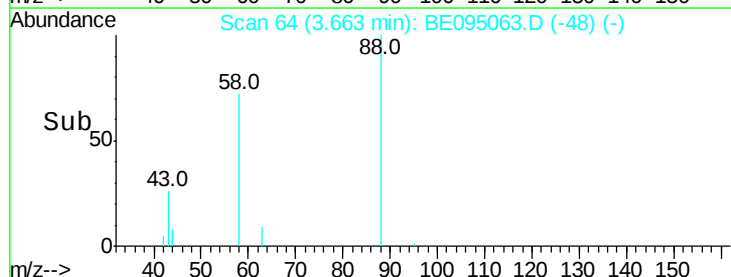
43 33.5 41.2 61.8#

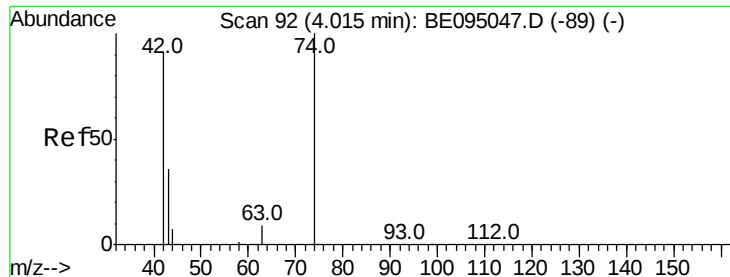


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



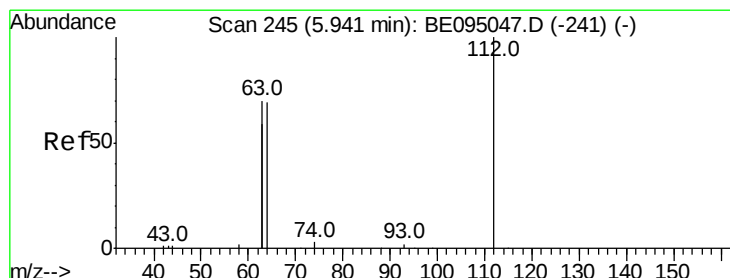
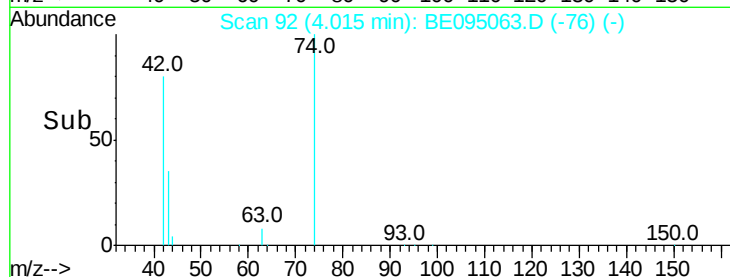
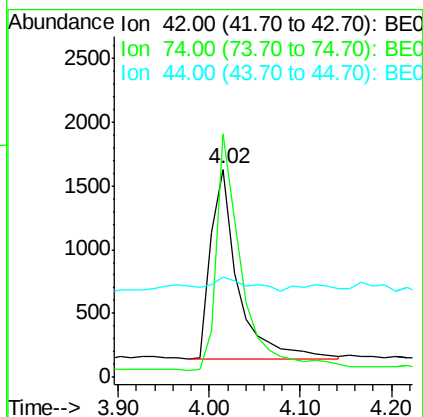
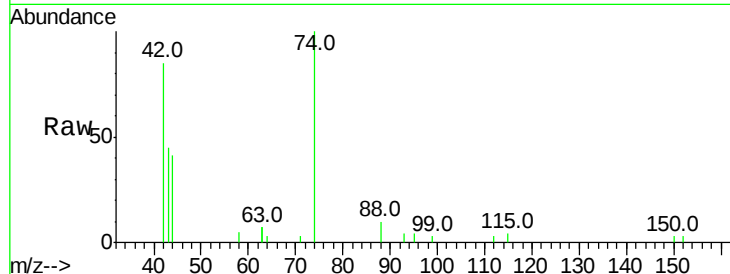


#3

n-Nitrosodimethylamine
 Concen: 0.398 ng
 RT: 4.02 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BE095063.D
 Acq: 26 Dec 2017 19:22

Instrument :
 BNA_E
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 SSTDCCC0.4EC

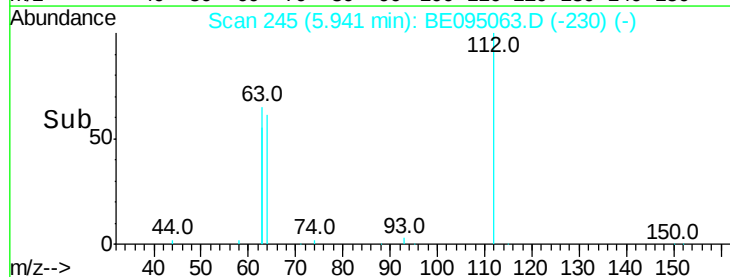
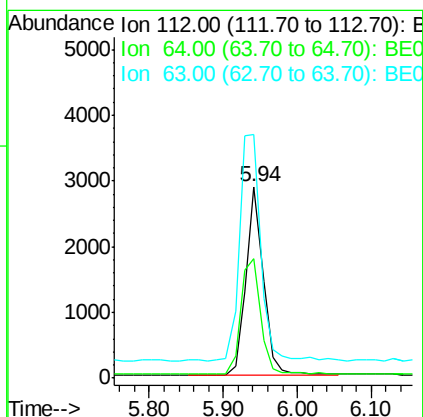
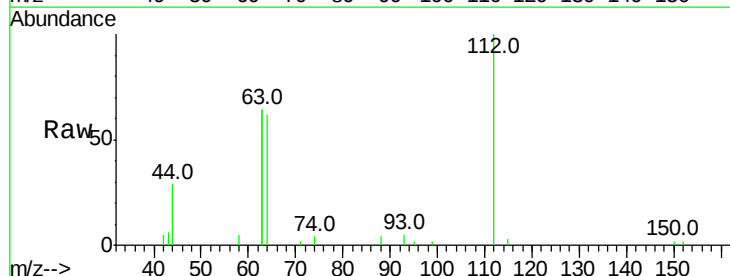
Tot Ion: 42 Resp: 3050
 Ion Ratio Lower Upper
 42 100
 74 117.9 96.0 144.0
 44 8.8 12.0 18.0#

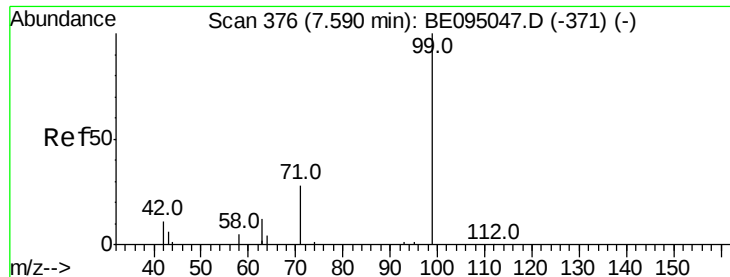


#4

2-Fluorophenol
 Concen: 0.454 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: BE095063.D
 Acq: 26 Dec 2017 19:22

Tgt Ion: 112 Resp: 4637
 Ion Ratio Lower Upper
 112 100
 64 71.2 60.1 90.1
 63 149.5 116.8 175.2





#5

Phenol-d6

Concen: 0.447 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

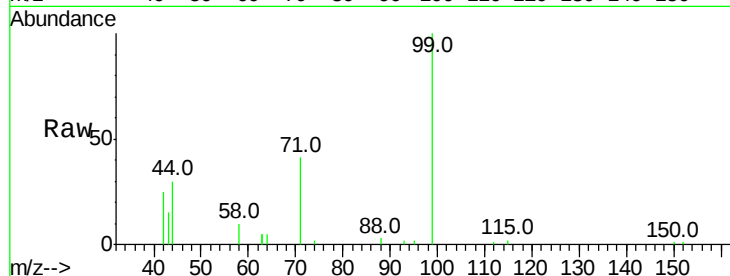
Tot Ion: 99 Resp: 6781

Ion Ratio Lower Upper

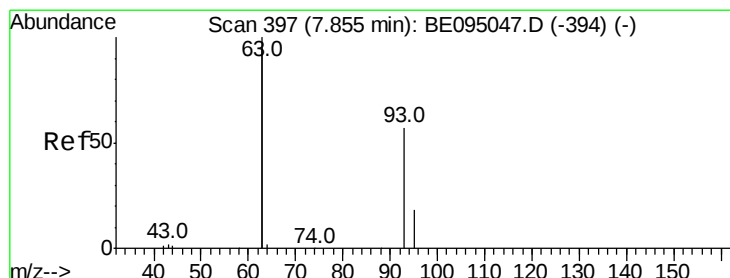
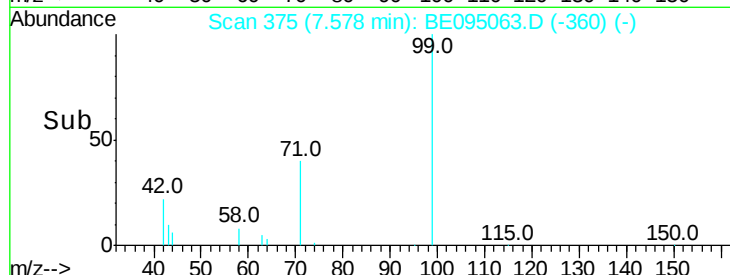
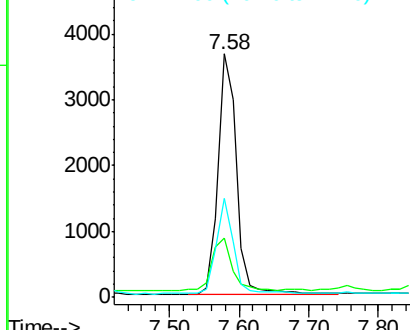
99 100

42 23.4 20.2 30.2

71 36.8 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: 0.418 ng

RT: 7.86 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

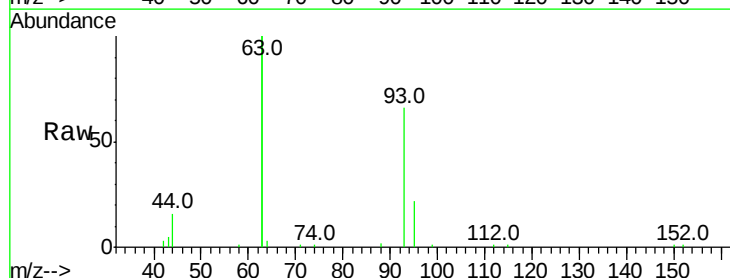
Tgt Ion: 93 Resp: 6200

Ion Ratio Lower Upper

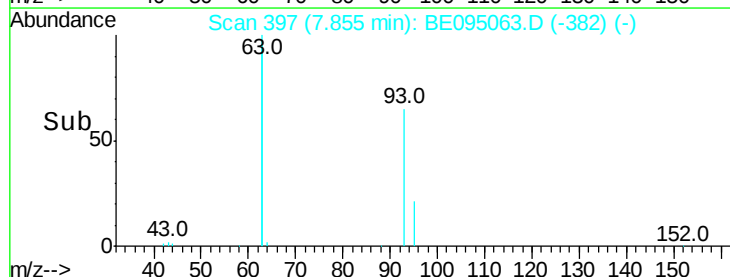
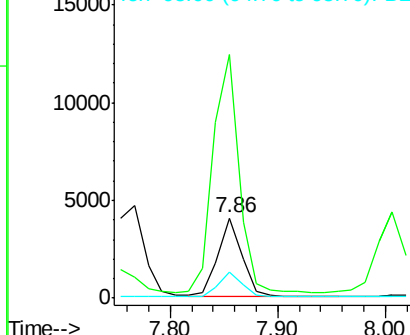
93 100

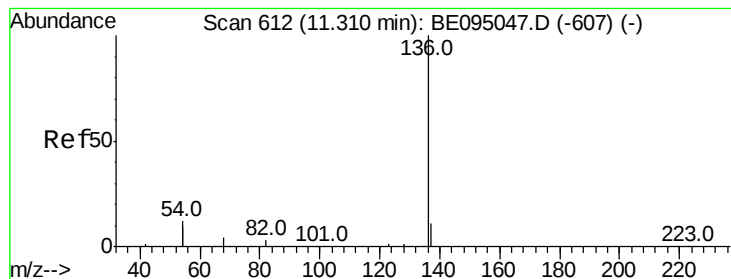
63 323.9 275.3 412.9

95 31.6 25.2 37.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15994

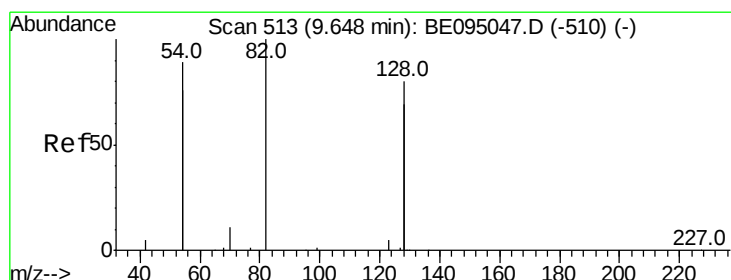
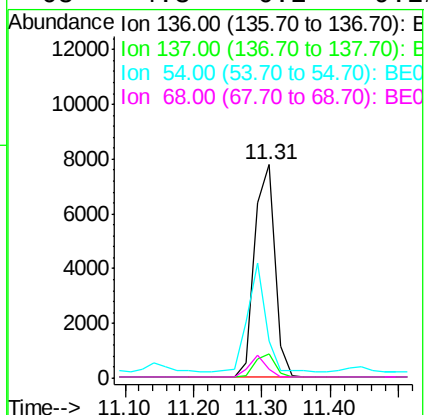
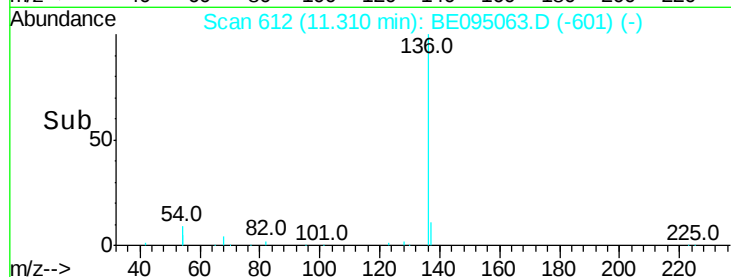
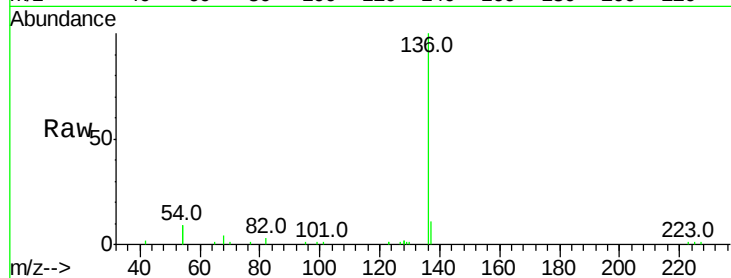
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 17.2 29.1 43.7#

68 4.3 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

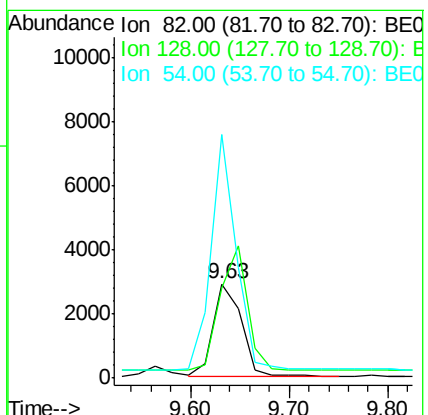
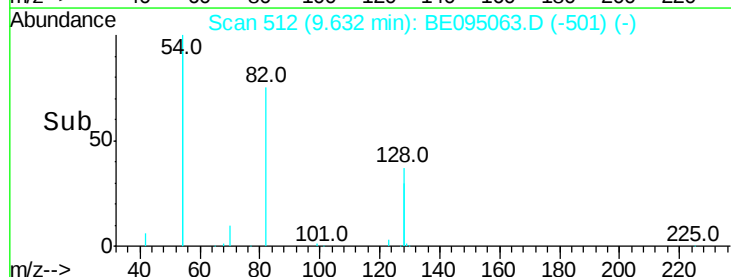
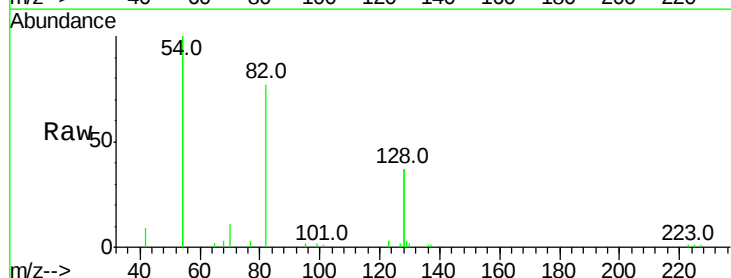
Tgt Ion: 82 Resp: 5656

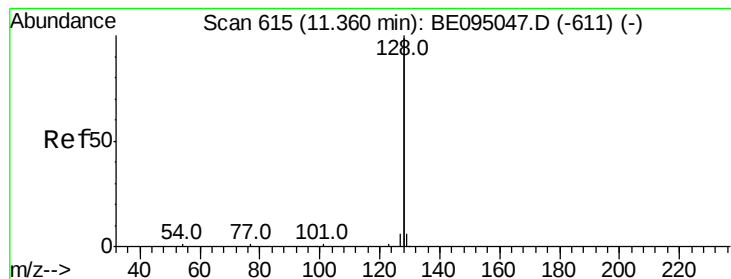
Ion Ratio Lower Upper

82 100

128 95.8 150.0 225.0#

54 259.1 154.2 231.4#





#9

Naphthalene

Concen: 0.393 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

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ClientSampleId :

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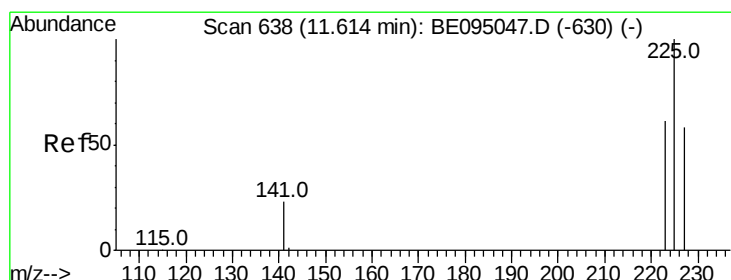
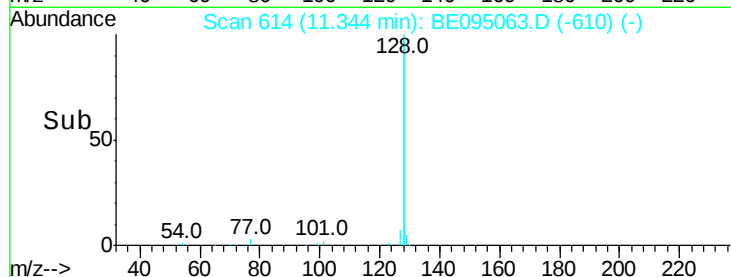
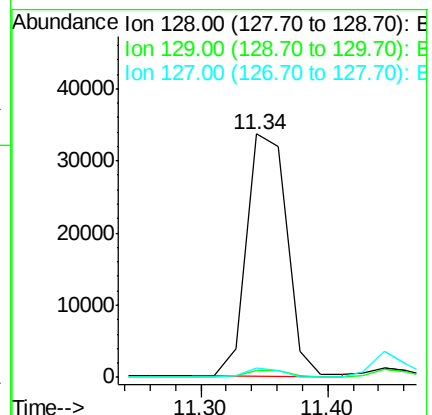
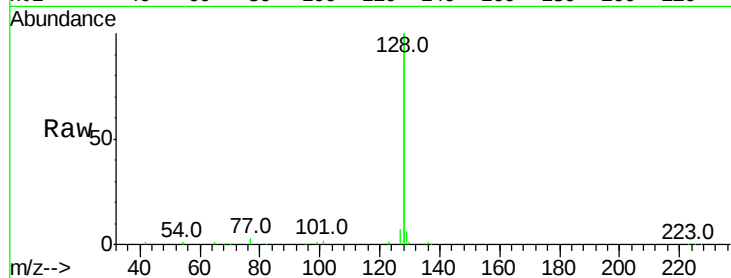
Tot Ion:128 Resp: 73732

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

127 3.7 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.392 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

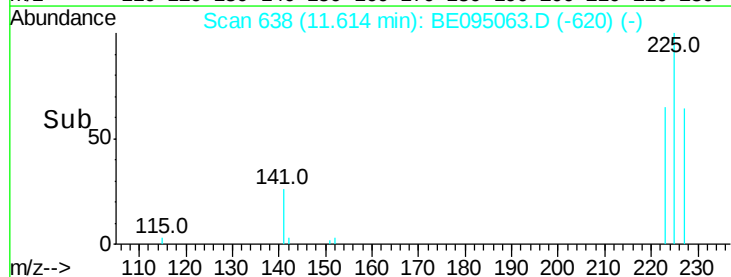
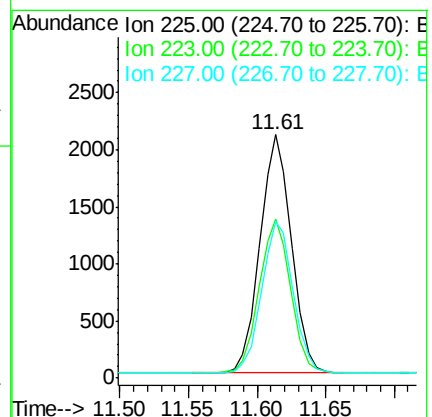
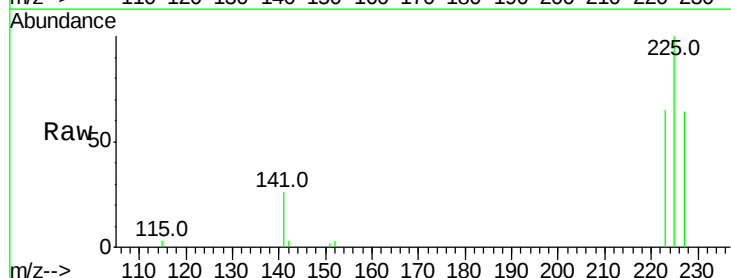
Tgt Ion:225 Resp: 3350

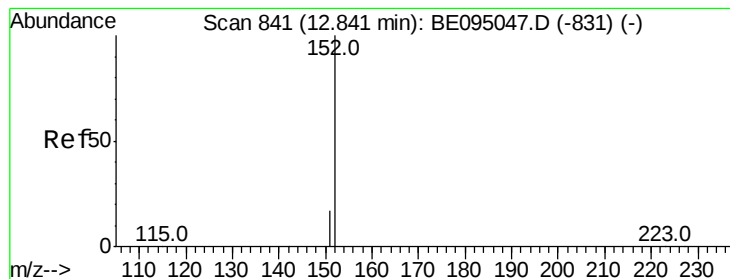
Ion Ratio Lower Upper

225 100

223 63.9 53.0 79.6

227 63.3 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

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ClientSampleId :

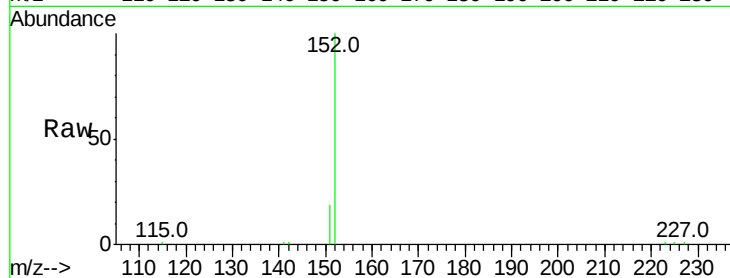
SSTDCCC0.4EC

Tot Ion:152 Resp: 10496

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

12.84

8000

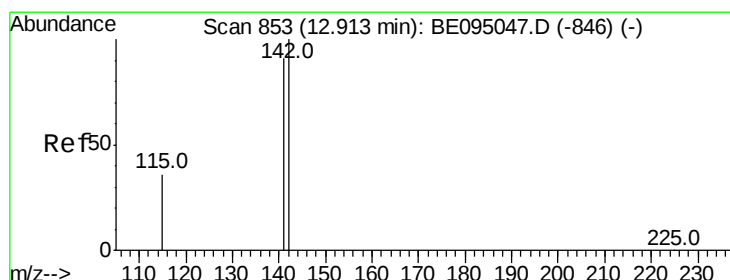
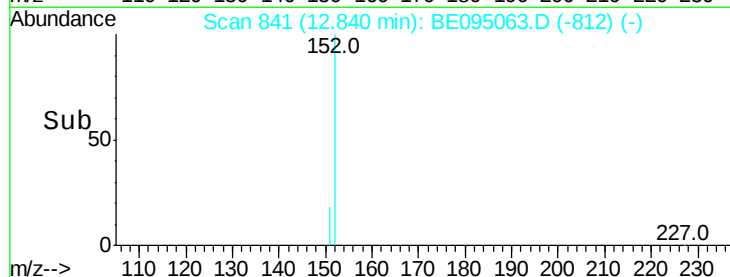
6000

4000

2000

0

Time--> 12.75 12.80 12.85 12.90



#12

2-Methylnaphthalene

Concen: 0.363 ng

RT: 12.91 min Scan# 852

Delta R.T. -0.02 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

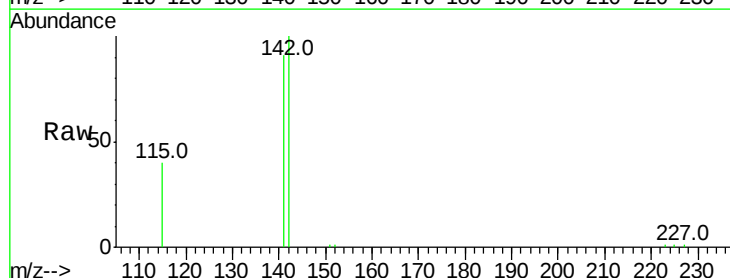
Tgt Ion:142 Resp: 17007

Ion Ratio Lower Upper

142 100

141 91.0 70.4 105.6

115 39.6 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

12.91

10000

8000

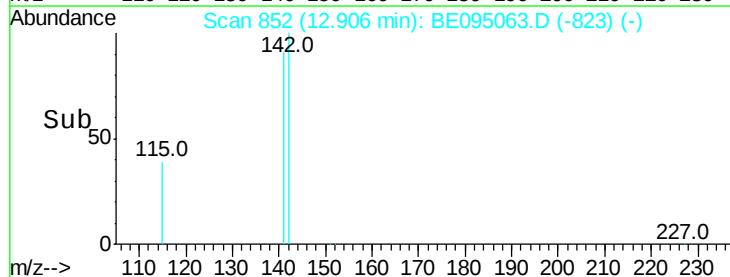
6000

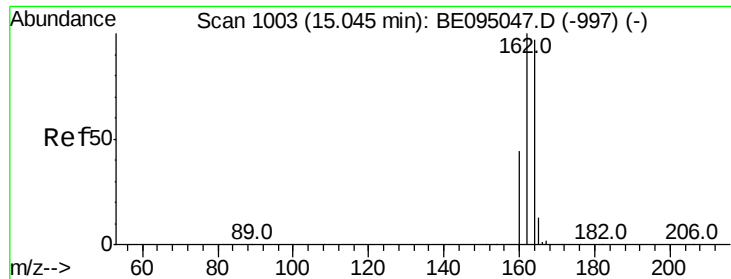
4000

2000

0

Time--> 12.80 12.90 13.00 13.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

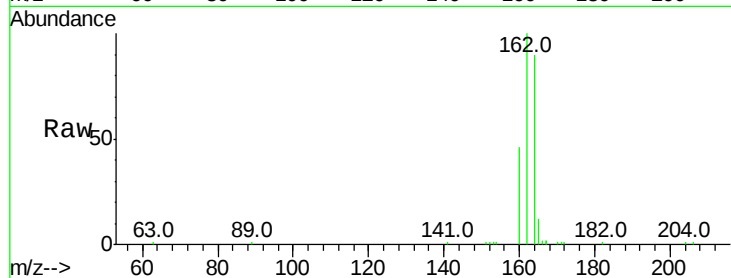
Tot Ion:164 Resp: 9204

Ion Ratio Lower Upper

164 100

162 111.5 83.1 124.7

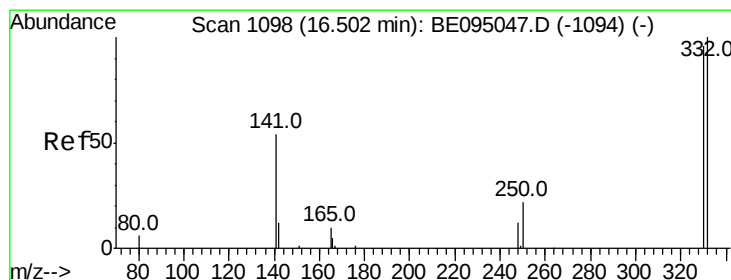
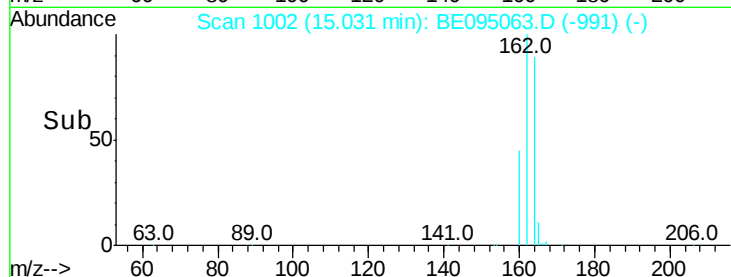
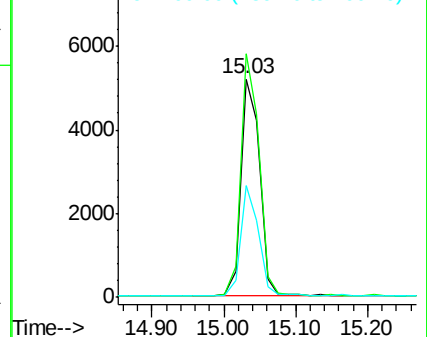
160 51.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.526 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

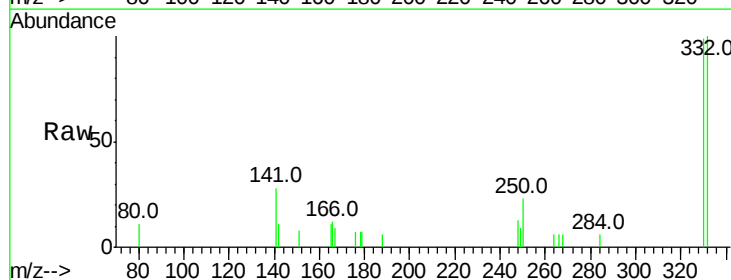
Tgt Ion:330 Resp: 1126

Ion Ratio Lower Upper

330 100

332 99.0 152.7 229.1#

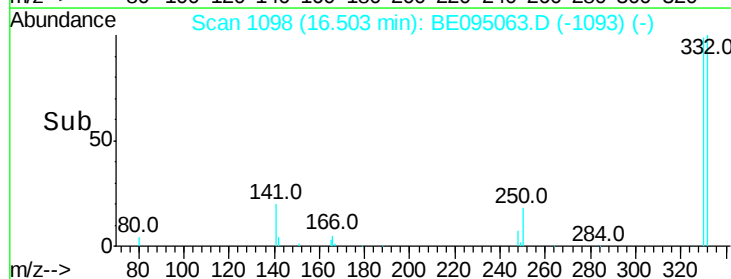
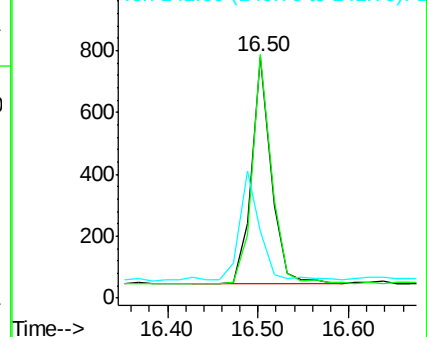
141 48.0 33.7 50.5

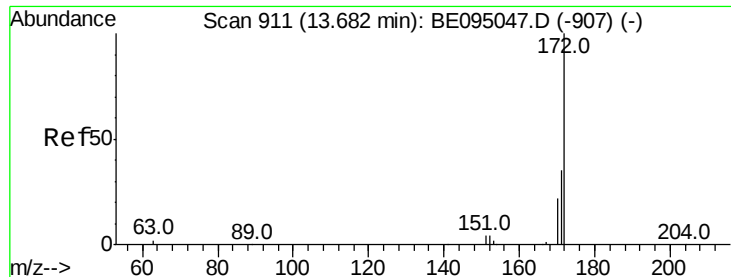


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

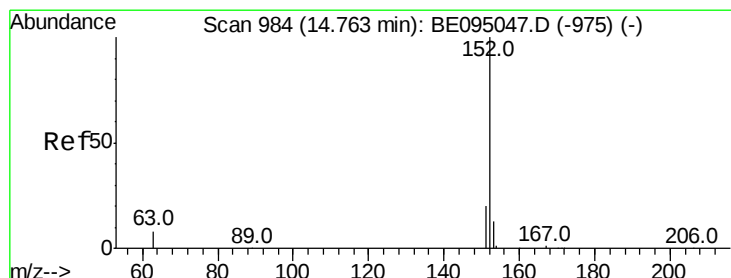
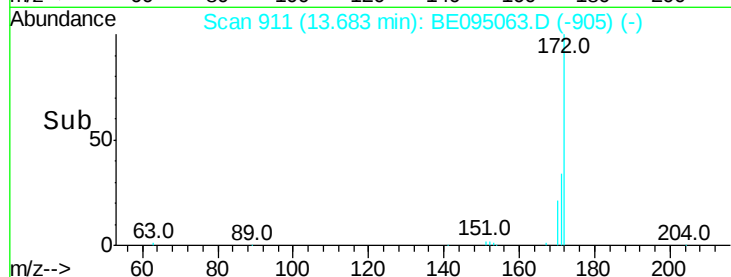
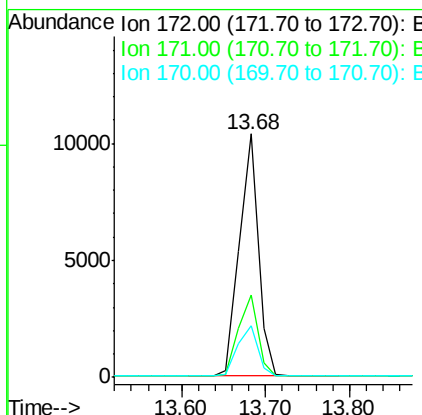
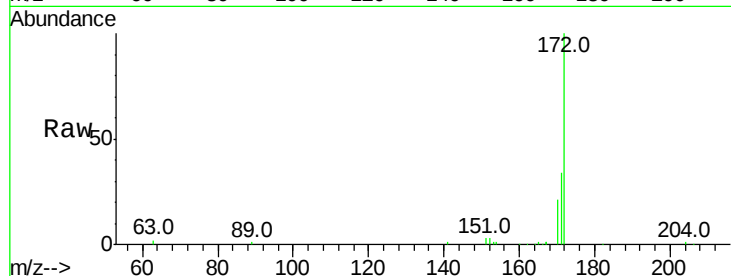




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

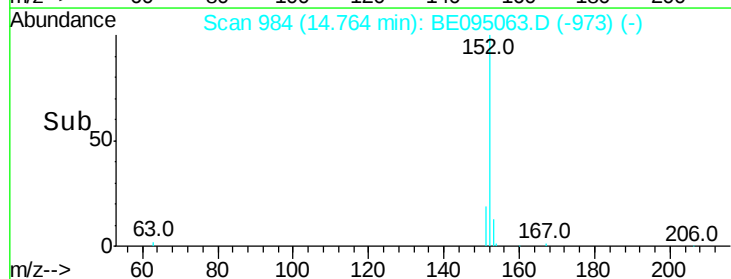
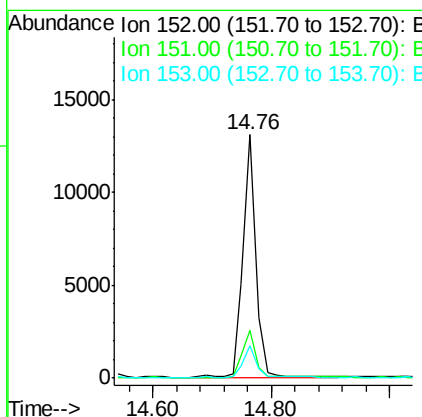
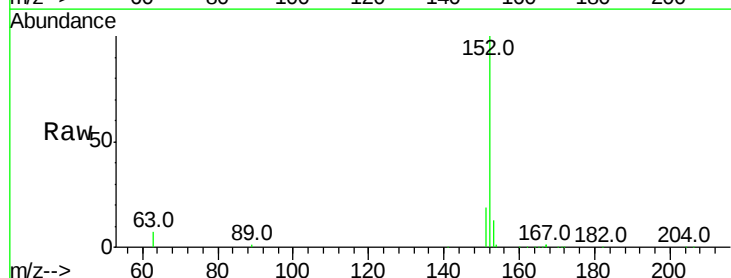
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

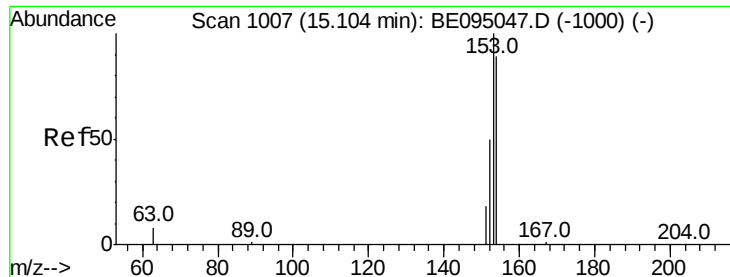
Tot Ion:172 Resp: 16169
Ion Ratio Lower Upper
172 100
171 34.0 29.9 44.9
170 21.4 21.8 32.8#



#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:152 Resp: 19701
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.389 ng

RT: 15.10 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

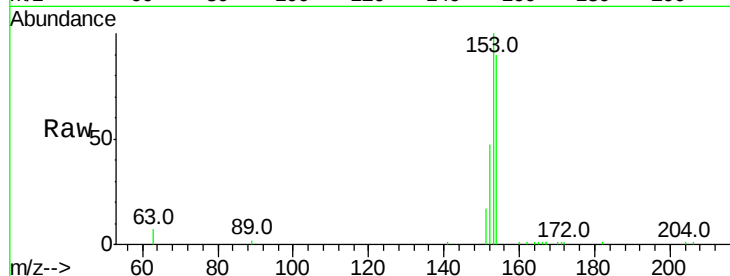
Tot Ion:154 Resp: 12709

Ion Ratio Lower Upper

154 100

153 115.6 89.2 133.8

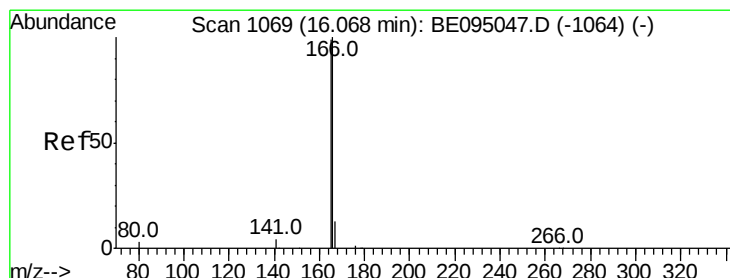
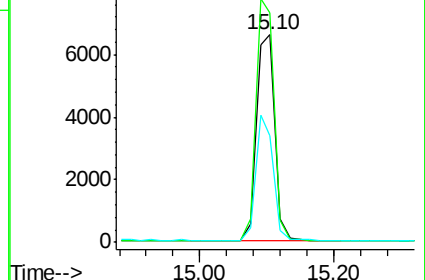
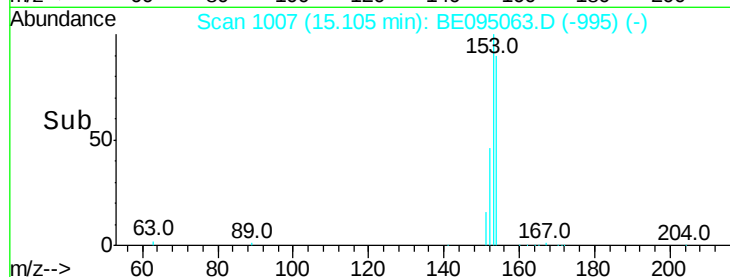
152 57.5 42.0 63.0



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: 0.397 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

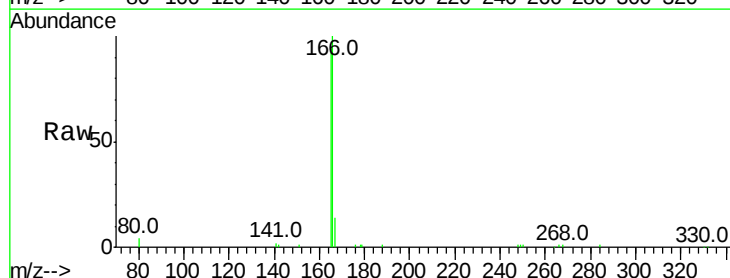
Tgt Ion:166 Resp: 16107

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

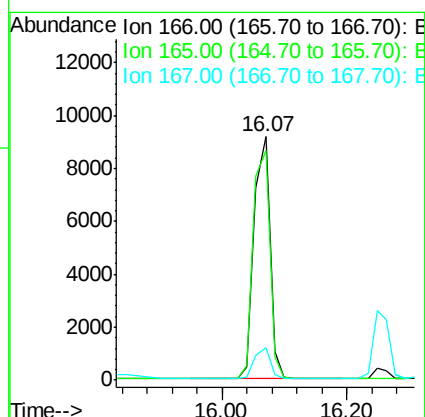
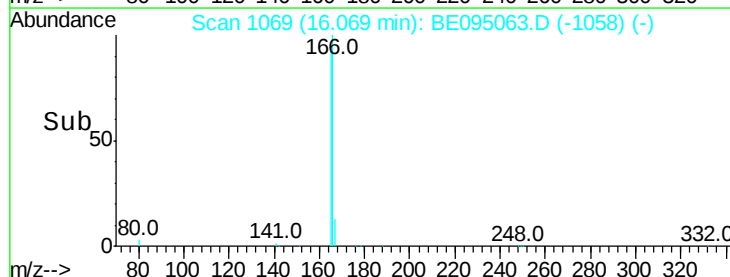
167 13.1 42.4 63.6#

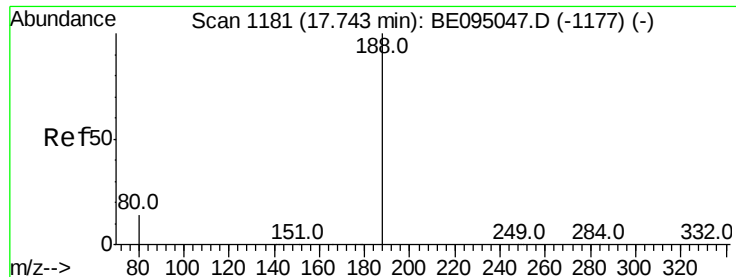


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

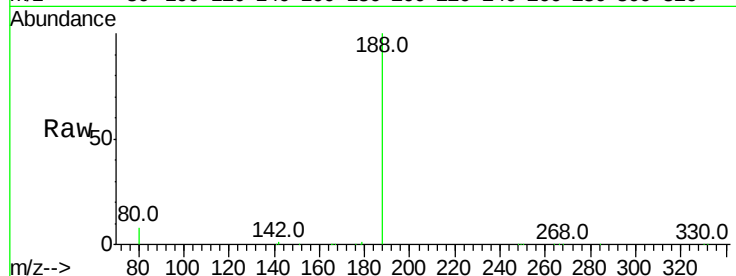
Tot Ion:188 Resp: 21660

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

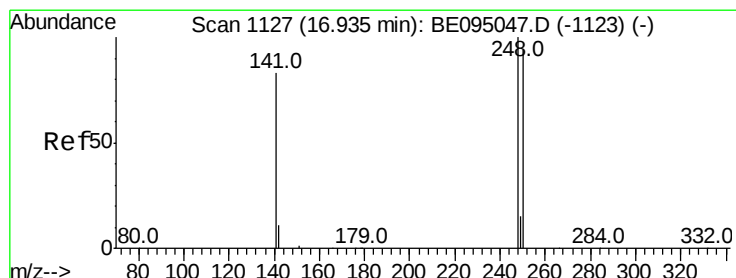
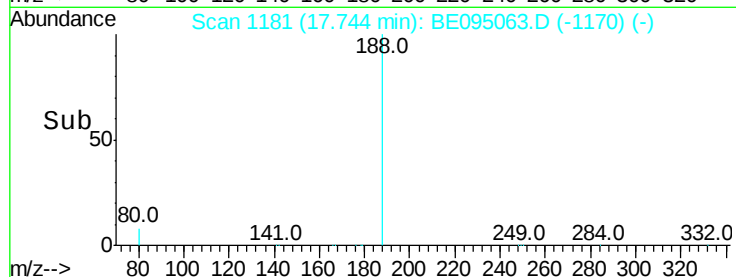
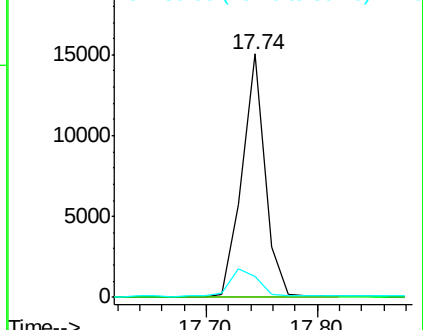
80 8.4 3.6 5.4#



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: 0.385 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

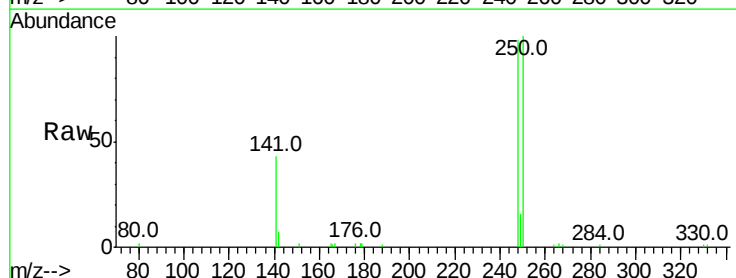
Tgt Ion:248 Resp: 4882

Ion Ratio Lower Upper

248 100

250 101.6 62.7 94.1#

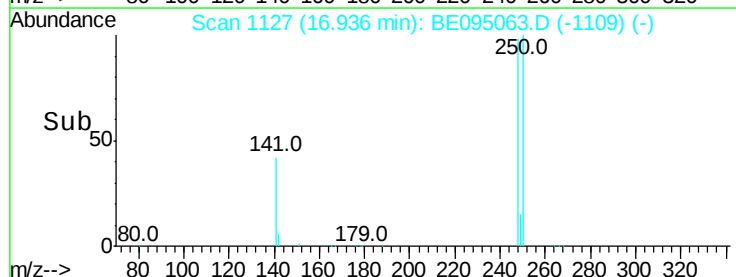
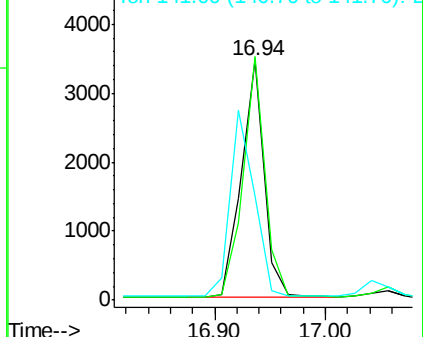
141 43.7 48.2 72.2#

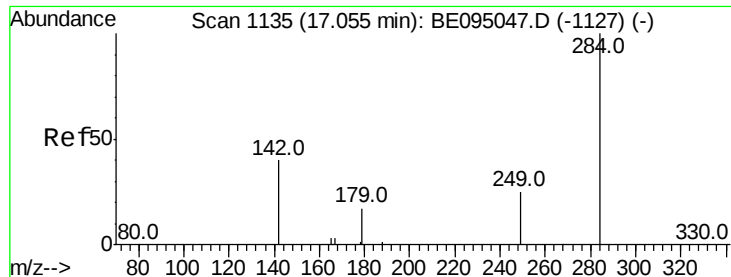


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

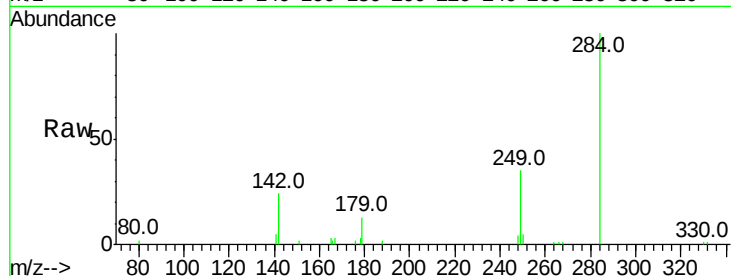
Tot Ion:284 Resp: 4936

Ion Ratio Lower Upper

284 100

142 40.3 22.1 33.1#

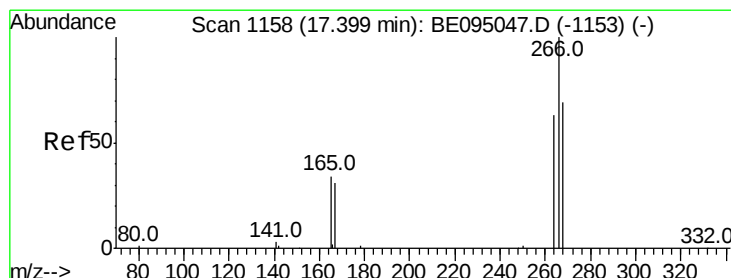
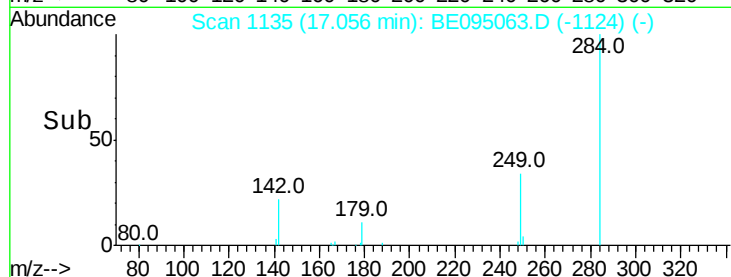
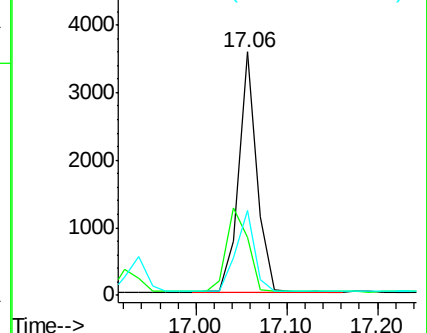
249 35.1 34.8 52.2



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: 0.538 ng

RT: 17.39 min Scan# 1157

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

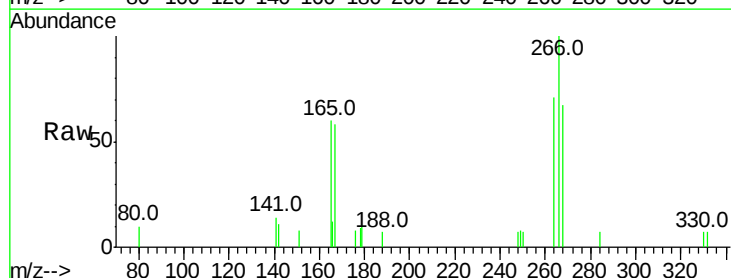
Tgt Ion:266 Resp: 1472

Ion Ratio Lower Upper

266 100

264 70.6 72.5 108.7#

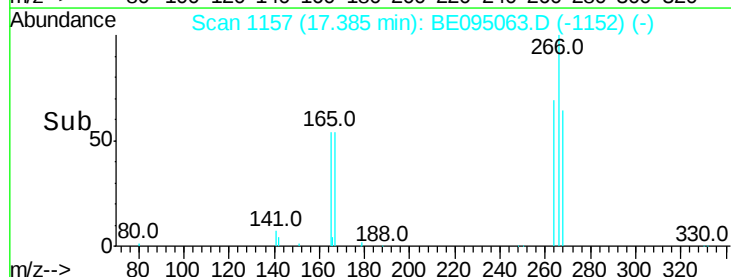
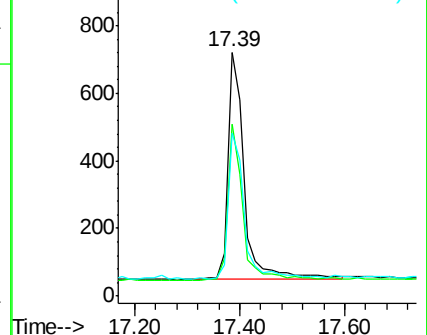
268 66.7 73.8 110.6#

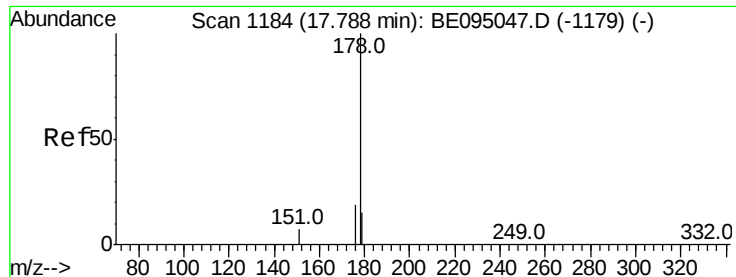


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.386 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

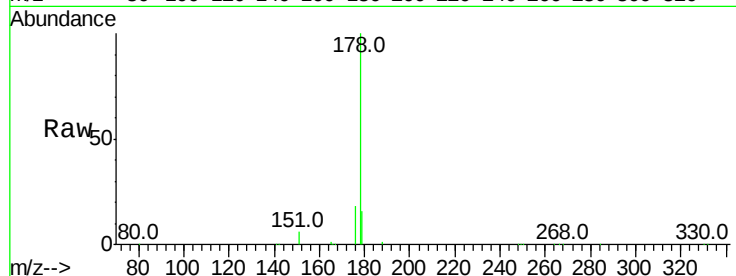
Tot Ion:178 Resp: 26085

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

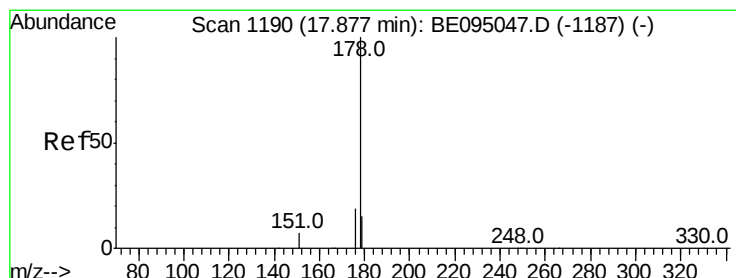
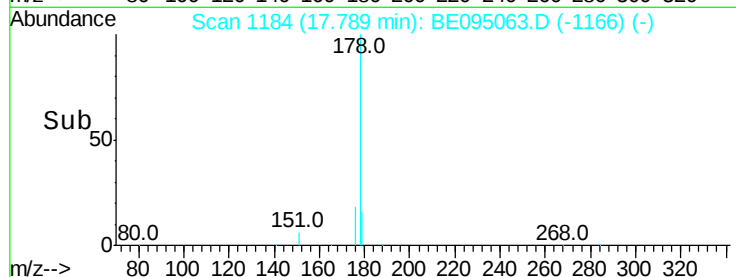
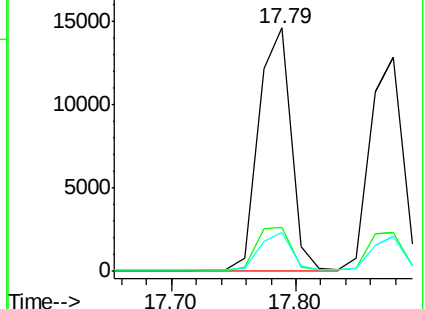
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.383 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

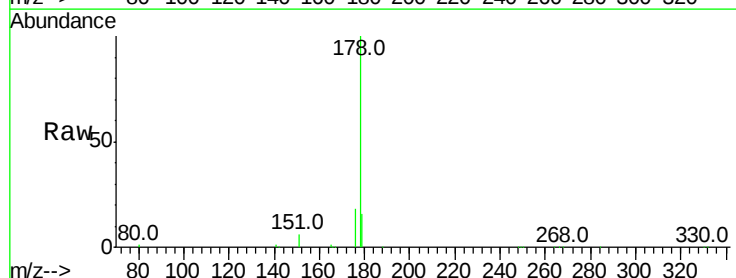
Tgt Ion:178 Resp: 26520

Ion Ratio Lower Upper

178 100

176 20.9 12.8 19.2#

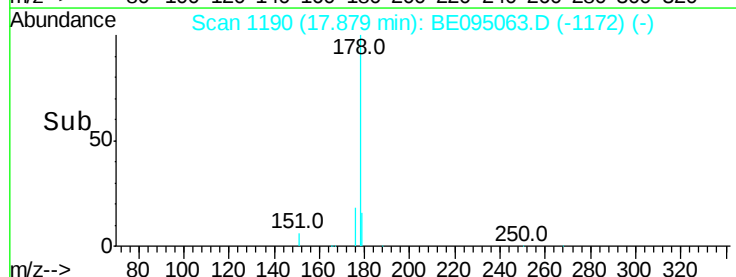
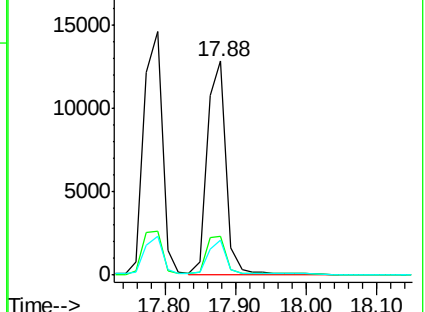
179 13.4 13.0 19.6

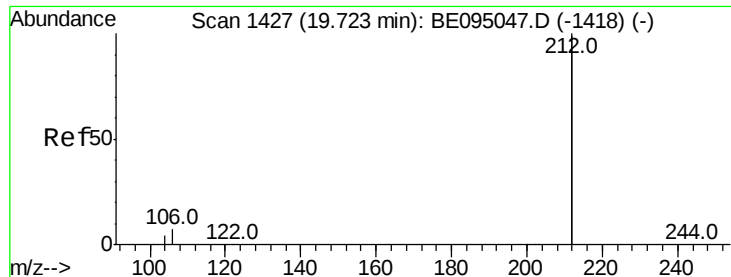


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

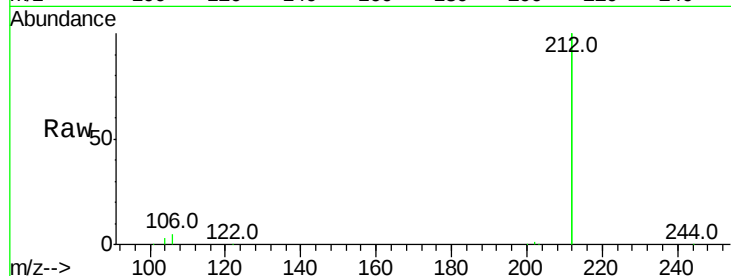
Tot Ion:212 Resp: 107924

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

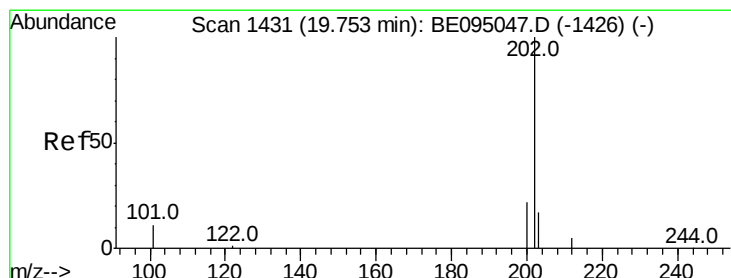
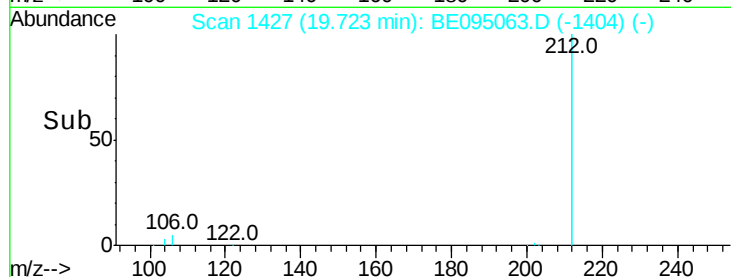
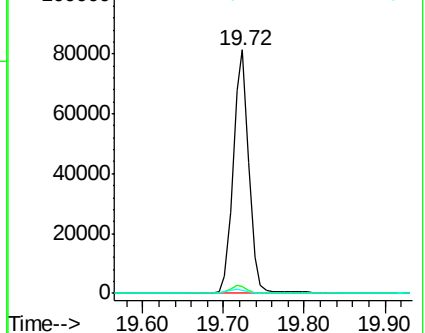
104 1.8 1.6 2.4



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: 0.385 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

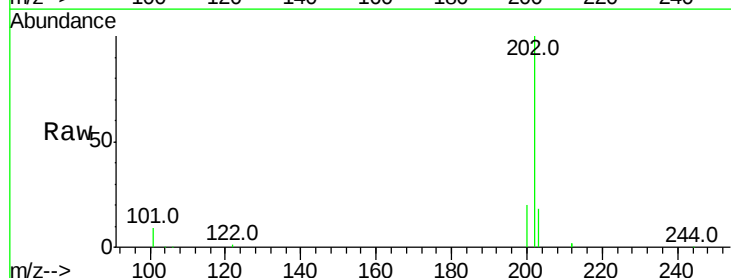
Tgt Ion:202 Resp: 32087

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

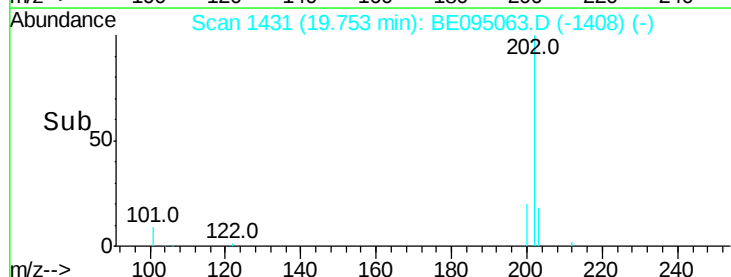
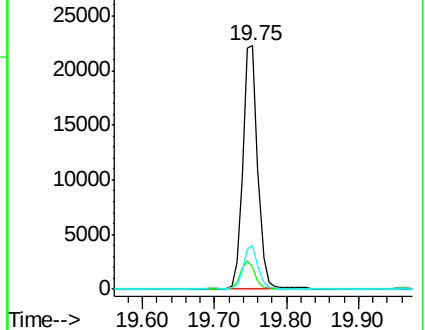
203 17.2 13.7 20.5

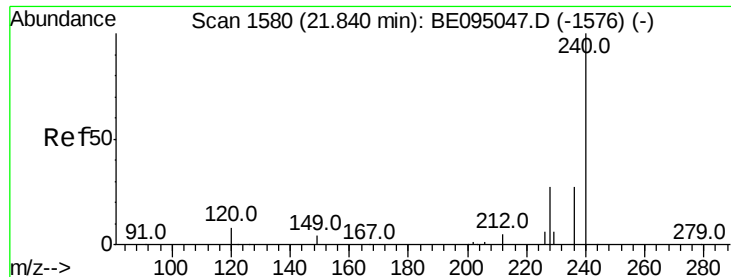


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

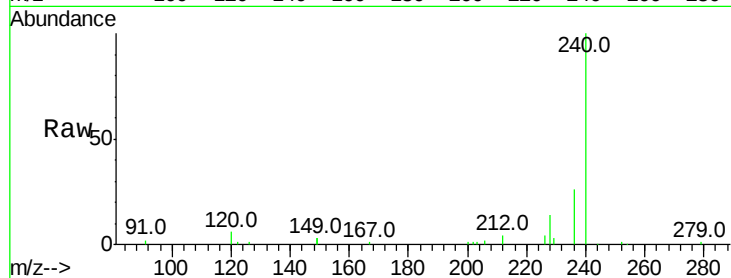




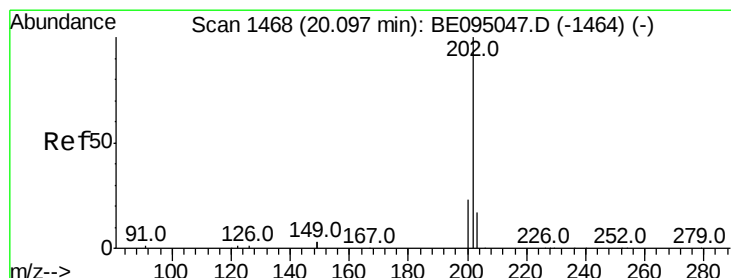
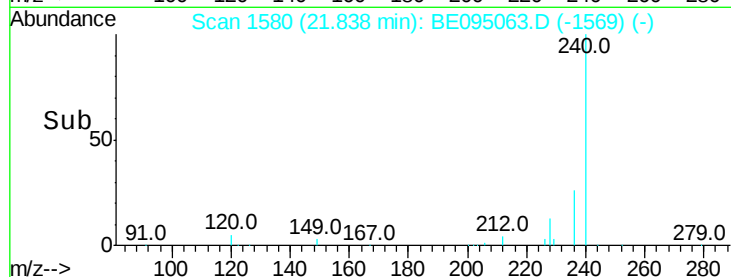
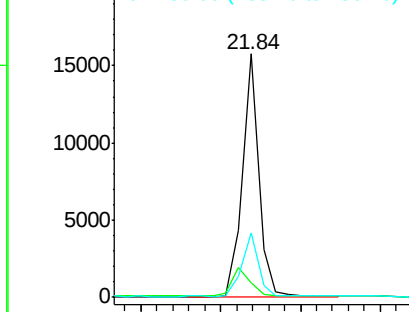
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 22182
Ion Ratio Lower Upper
240 100
120 6.0 5.5 8.3
236 26.5 20.7 31.1

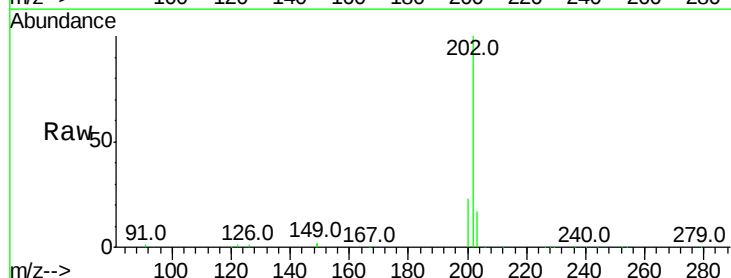


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

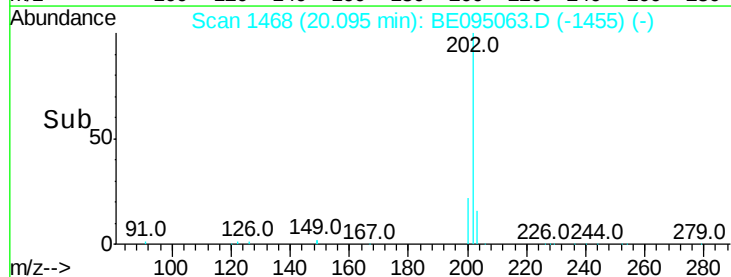
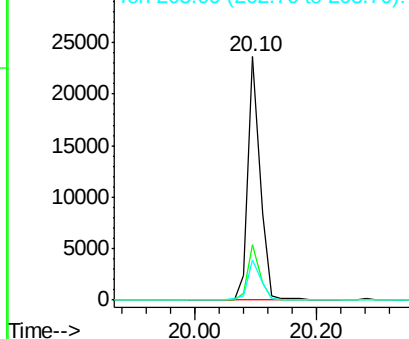


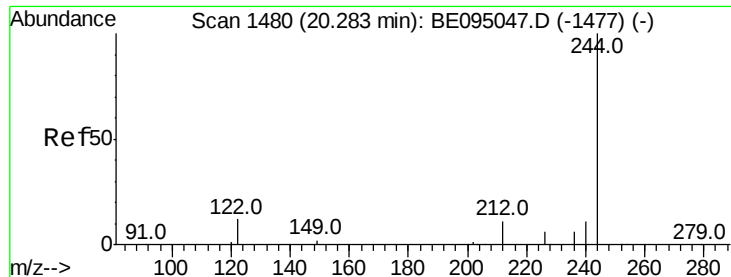
#28
Pyrene
Concen: 0.490 ng
RT: 20.10 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:202 Resp: 36822
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 16.7 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: 0.426 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

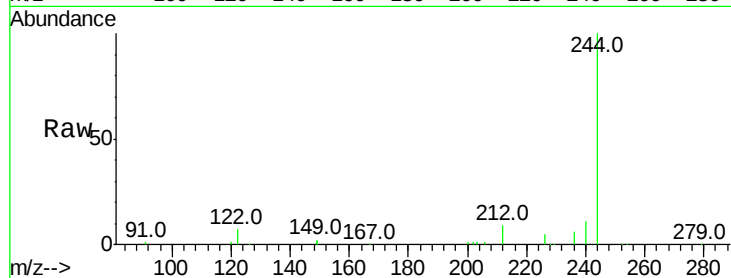
Tot Ion:244 Resp: 17803

Ion Ratio Lower Upper

244 100

212 9.1 25.4 38.0#

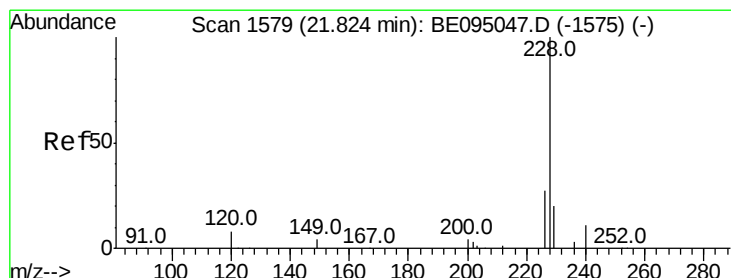
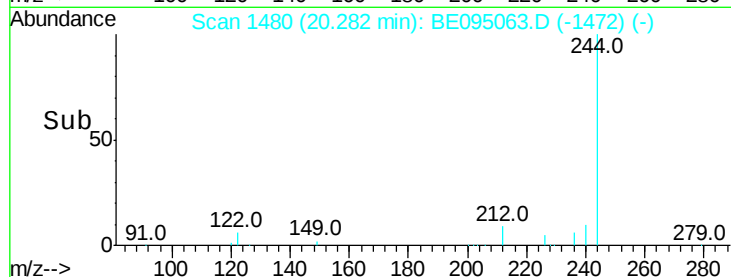
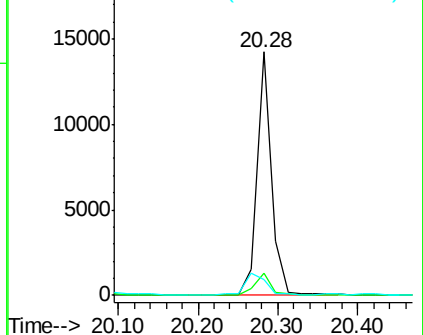
122 6.6 8.1 12.1#



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: 0.448 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

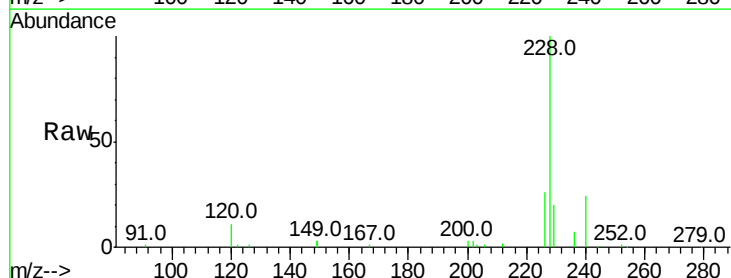
Tgt Ion:228 Resp: 29047

Ion Ratio Lower Upper

228 100

226 26.3 40.0 60.0#

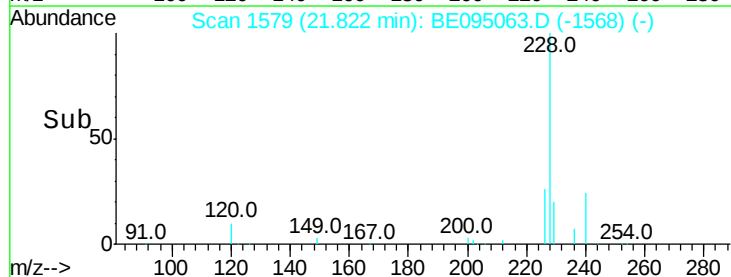
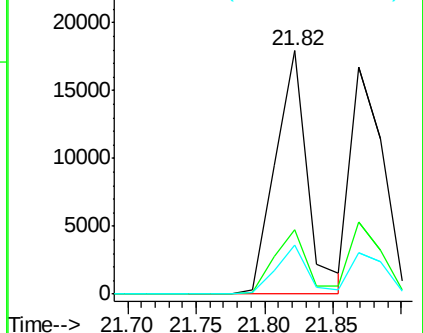
229 20.1 40.0 60.0#

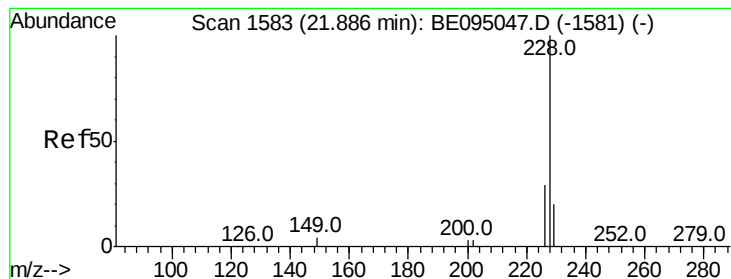


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.410 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

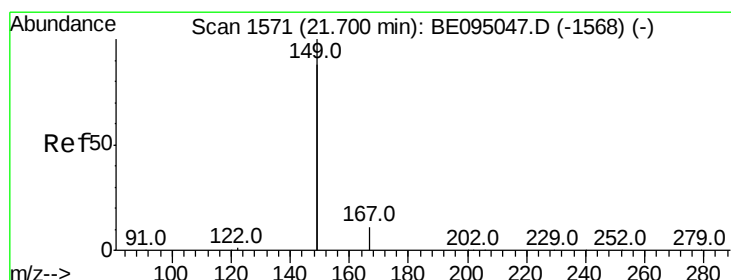
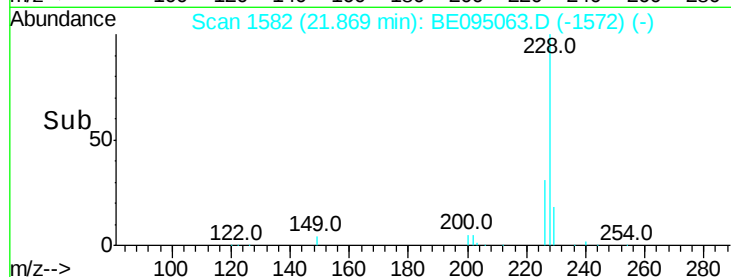
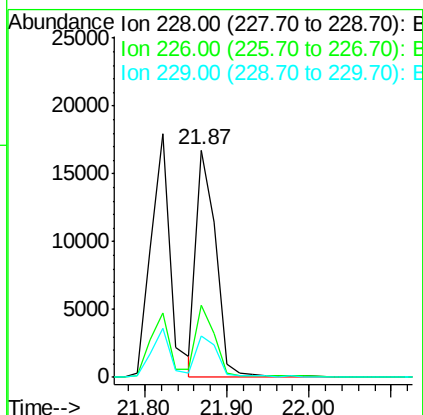
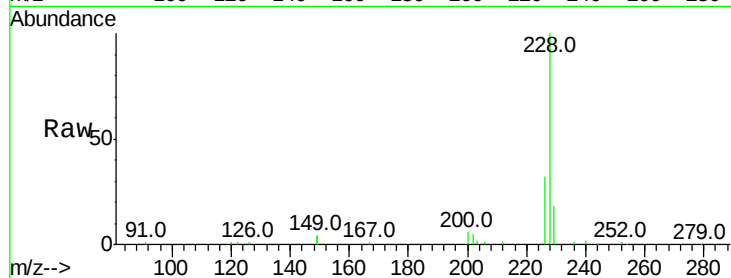
Tot Ion:228 Resp: 29917

Ion Ratio Lower Upper

228 100

226 31.6 40.0 60.0#

229 18.1 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.576 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

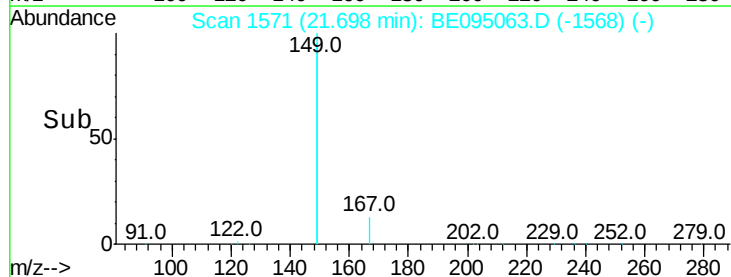
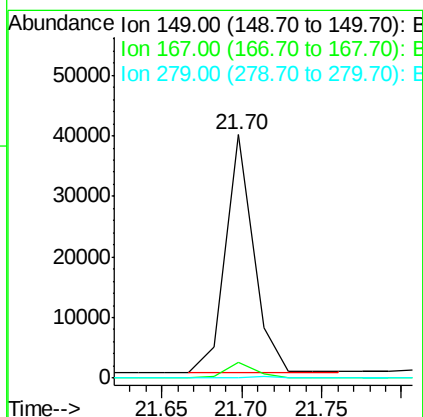
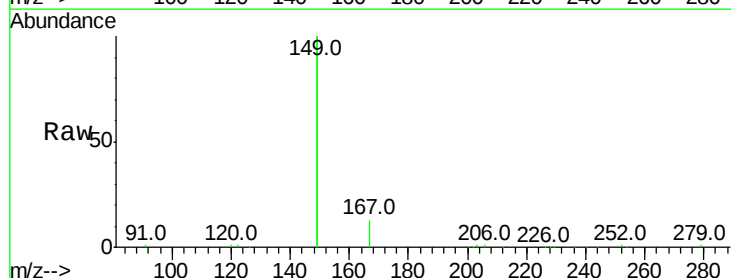
Tgt Ion:149 Resp: 47590

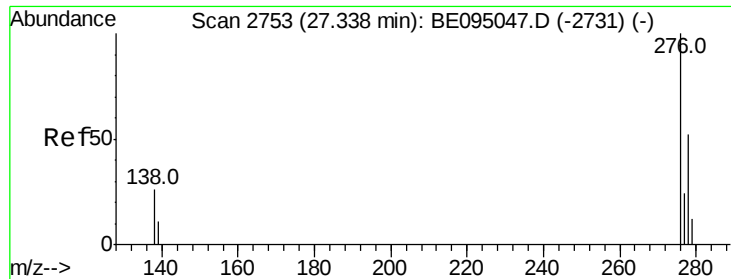
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.9 0.7 1.1

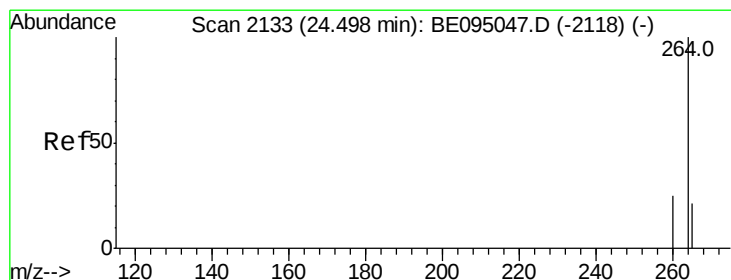
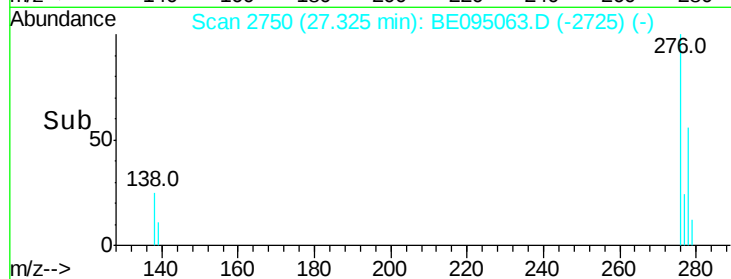
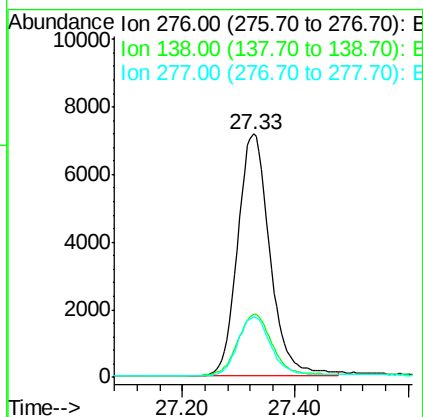
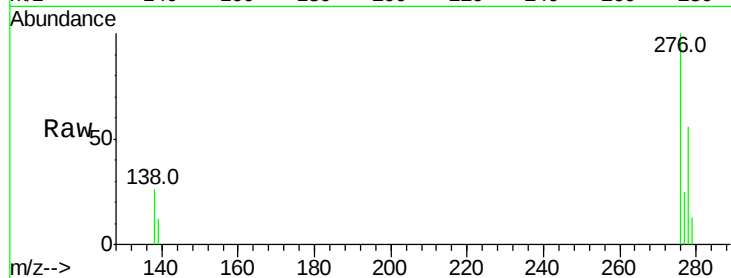




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.463 ng
 RT: 27.33 min Scan# 2750
 Delta R.T. -0.09 min
 Lab File: BE095063.D
 Acq: 26 Dec 2017 19:22

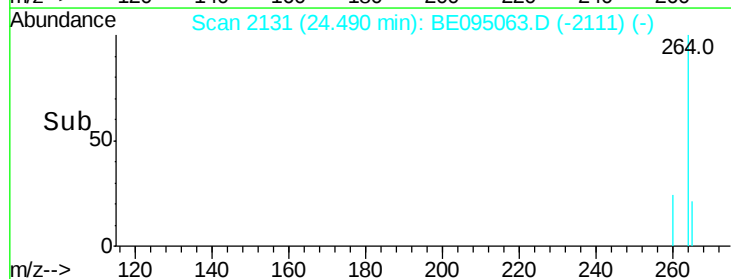
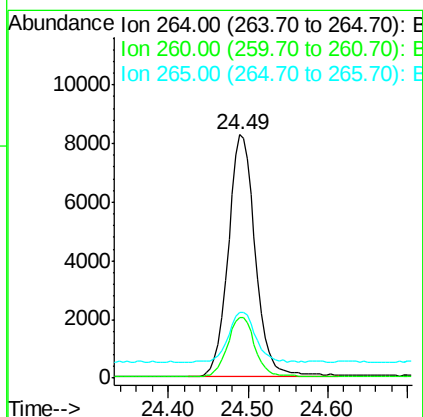
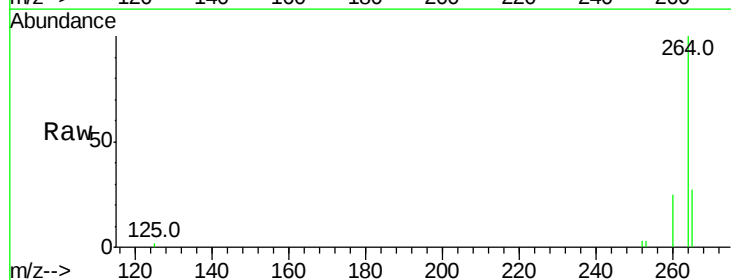
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

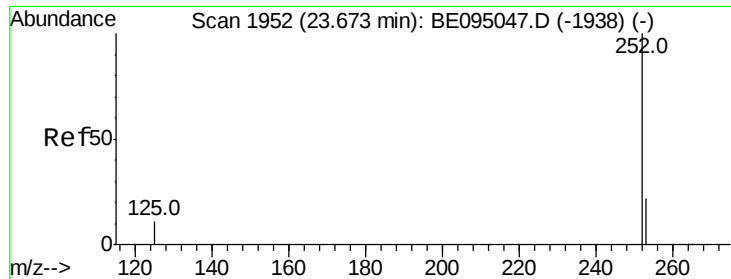
Tot Ion:276 Resp: 27526
 Ion Ratio Lower Upper
 276 100
 138 26.6 22.5 33.7
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.49 min Scan# 2131
 Delta R.T. -0.06 min
 Lab File: BE095063.D
 Acq: 26 Dec 2017 19:22

Tgt Ion:264 Resp: 19407
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.5 30.7
 265 27.1 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 23.67 min Scan# 1950

Delta R.T. -0.05 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

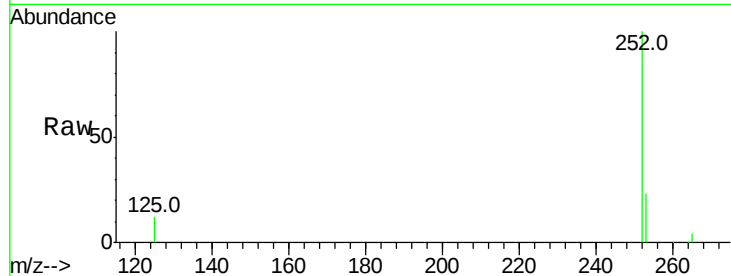
Tot Ion:252 Resp: 26998

Ion Ratio Lower Upper

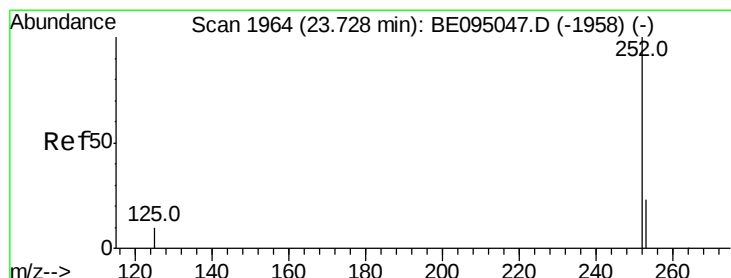
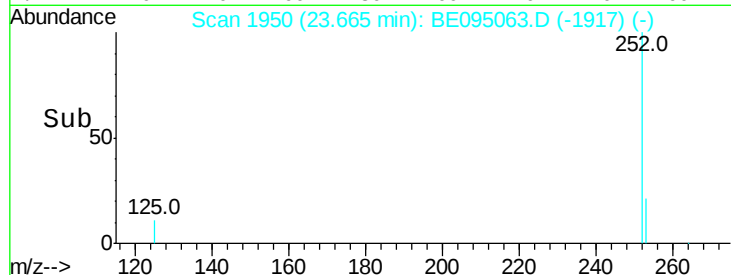
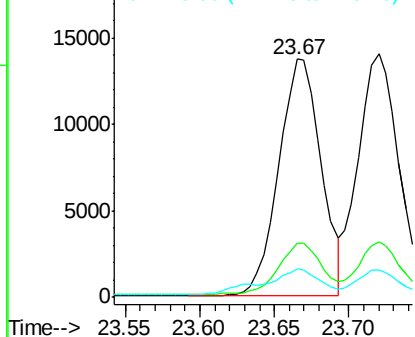
252 100

253 22.6 20.0 30.0

125 11.9 16.0 24.0#



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: 0.376 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.06 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

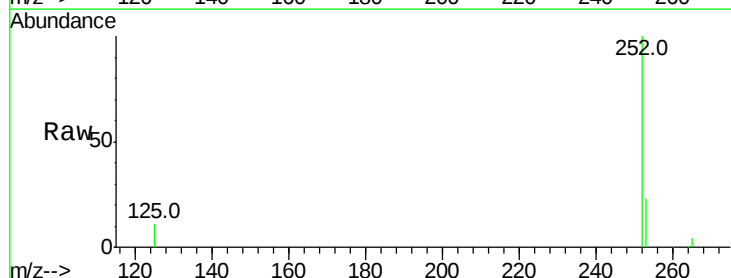
Tgt Ion:252 Resp: 27153

Ion Ratio Lower Upper

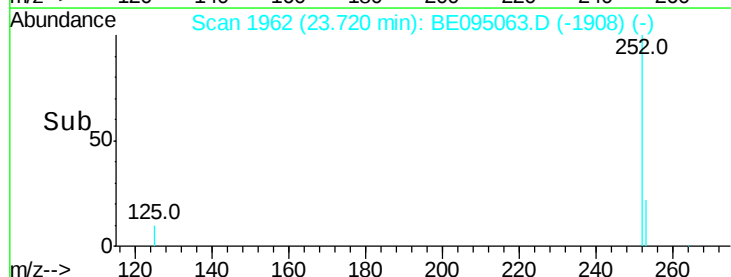
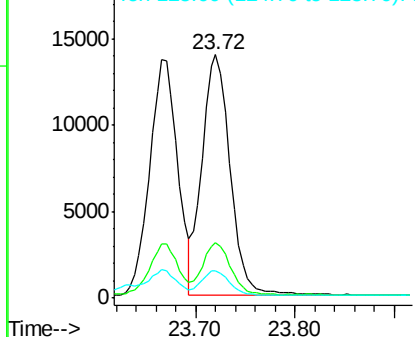
252 100

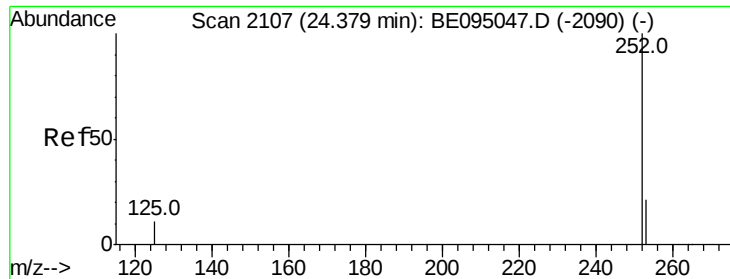
253 22.6 16.0 24.0

125 11.3 8.0 12.0



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: 0.400 ng

RT: 24.37 min Scan# 2105

Delta R.T. -0.06 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

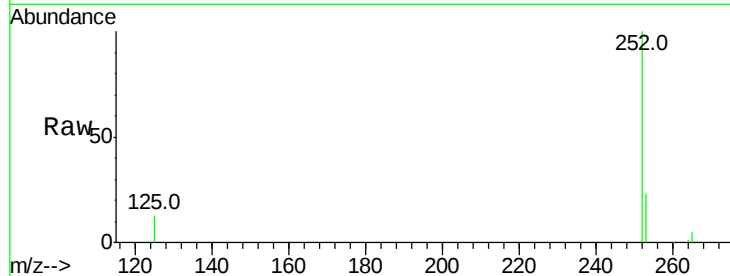
Tot Ion:252 Resp: 25288

Ion Ratio Lower Upper

252 100

253 23.0 16.0 24.0

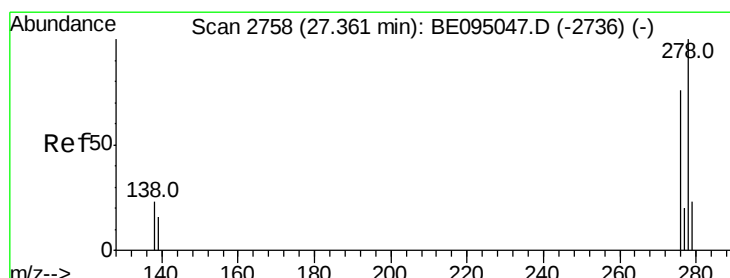
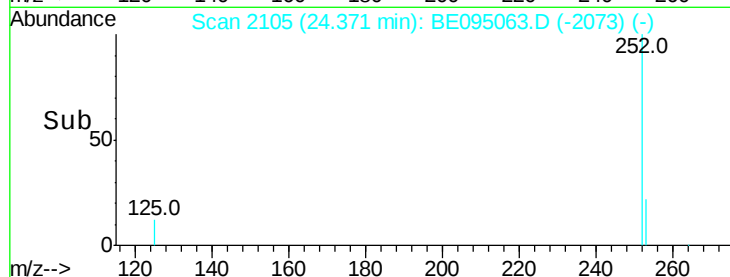
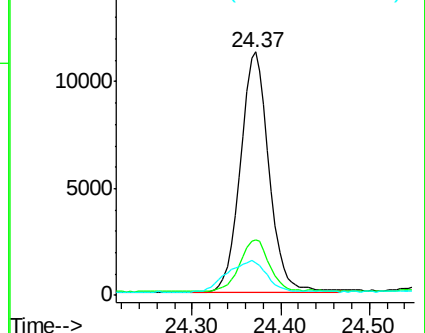
125 13.4 12.0 18.0



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: 0.386 ng

RT: 27.35 min Scan# 2755

Delta R.T. -0.09 min

Lab File: BE095063.D

Acq: 26 Dec 2017 19:22

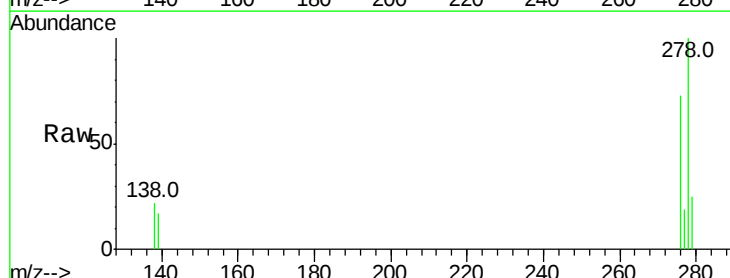
Tgt Ion:278 Resp: 22632

Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

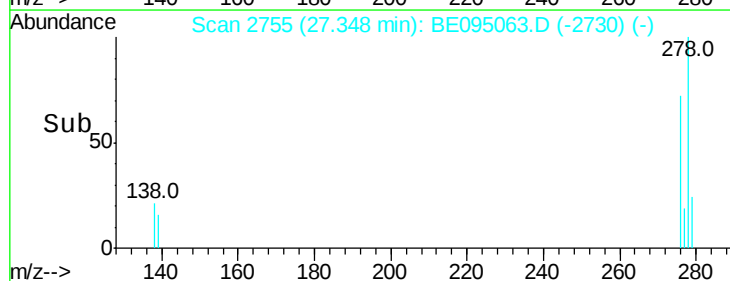
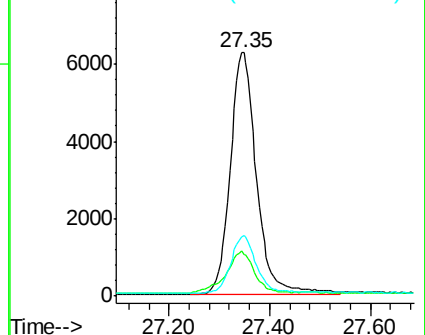
279 24.9 20.0 30.0

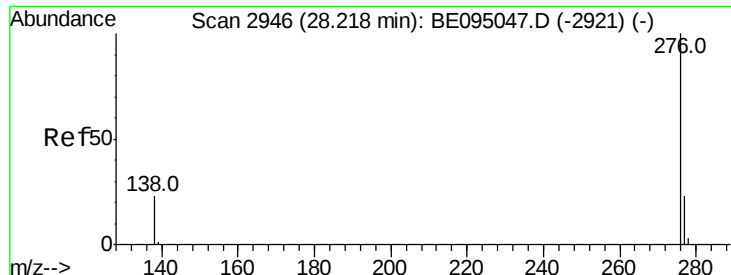


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.387 ng

RT: 28.20 min Scan# 2942

Delta R.T. -0.10 min

Lab File: BE095063.D

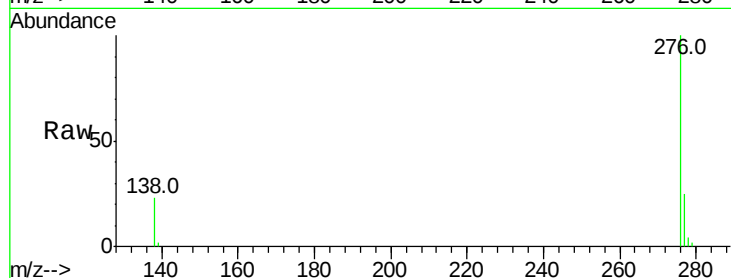
Acq: 26 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



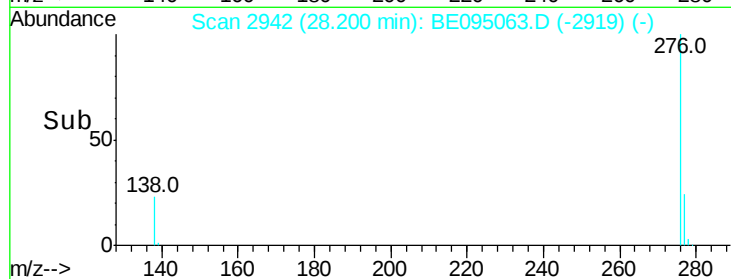
Tot Ion:276 Resp: 22584

Ion Ratio Lower Upper

276 100

277 24.9 16.0 24.0#

138 23.5 20.0 30.0



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

