

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095047.D
 Acq On : 26 Dec 2017 9:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 26 10:52:14 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	5905	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14101	0.40	ng	-0.02
13) Acenaphthene-d10	15.04	164	7793	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	18545	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	20239	0.40	ng	-0.03
34) Perylene-d12	24.50	264	17386	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	3570	0.39	ng	-0.01
5) Phenol-d6	7.59	99	5173	0.38	ng	0.00
8) Nitrobenzene-d5	9.65	82	4380	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	8880	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	585	0.32	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	13606	0.39	ng	-0.02
25) Fluoranthene-d10	19.72	212	93180	0.39	ng	-0.03
29) Terphenyl-d14	20.28	244	15226	0.40	ng	-0.03

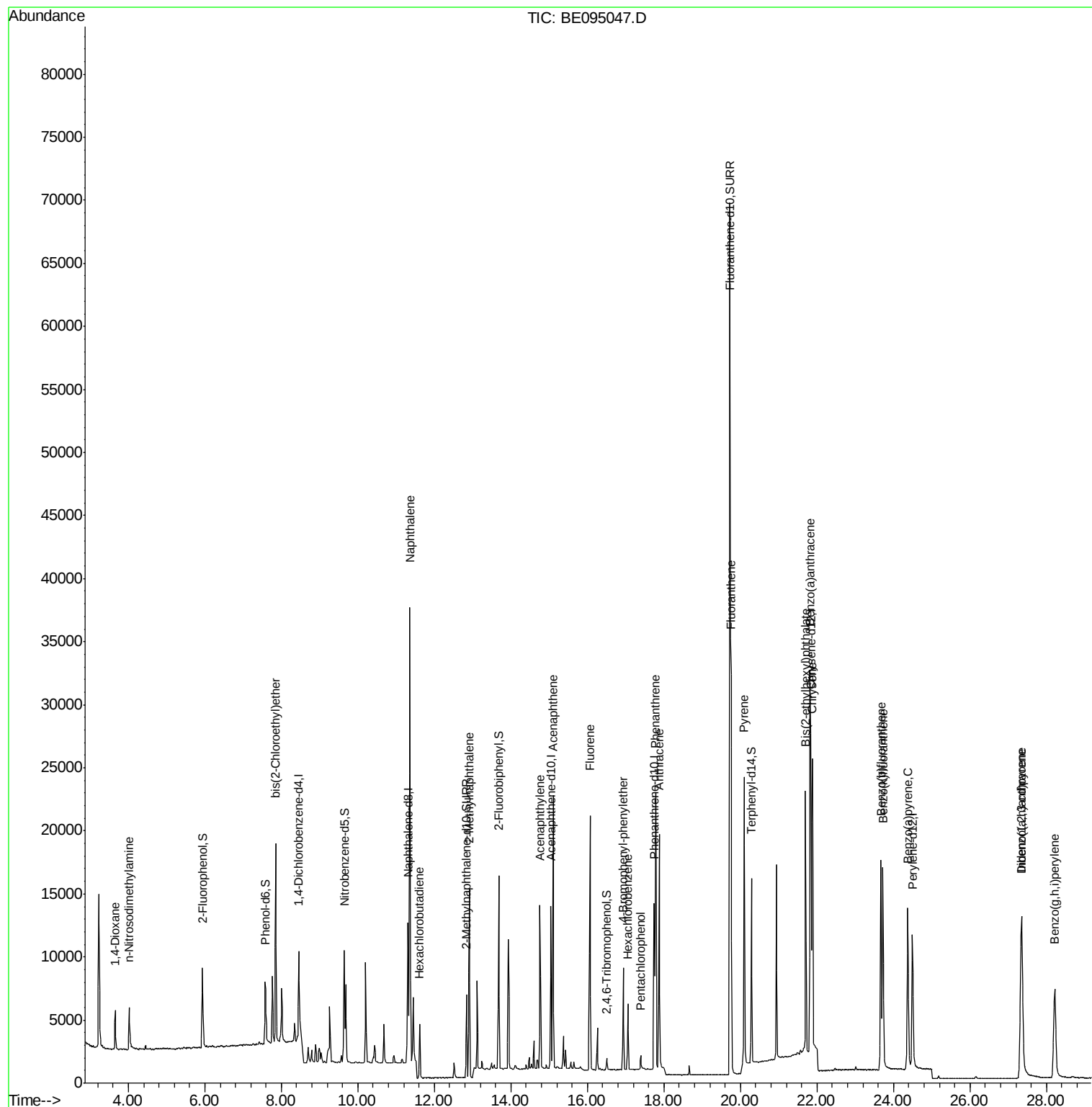
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2227	0.383	ng	# 88
3) n-Nitrosodimethylamine	4.01	42	2788	0.405	ng	# 92
6) bis(2-Chloroethyl)ether	7.85	93	5475	0.412	ng	90
9) Naphthalene	11.36	128	63081	0.381	ng	99
10) Hexachlorobutadiene	11.61	225	2899	0.385	ng	98
12) 2-Methylnaphthalene	12.91	142	14372	0.348	ng	97
16) Acenaphthylene	14.76	152	15449	0.371	ng	99
17) Acenaphthene	15.10	154	10638	0.385	ng	96
18) Fluorene	16.07	166	13180	0.384	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	4058	0.374	ng	# 76
21) Hexachlorobenzene	17.06	284	4260	0.384	ng	# 80
22) Pentachlorophenol	17.40	266	739	0.348	ng	# 78
23) Phenanthrene	17.79	178	22447	0.388	ng	99
24) Anthracene	17.88	178	22157	0.374	ng	# 92
26) Fluoranthene	19.75	202	27632	0.387	ng	98
28) Pyrene	20.10	202	33538	0.489	ng	99
30) Benzo(a)anthracene	21.82	228	24129	0.408	ng	# 61
31) Chrysene	21.89	228	27801	0.418	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.70	149	26840	0.356	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.34	276	22926	0.423	ng	98
35) Benzo(b)fluoranthene	23.67	252	24806	0.388	ng	# 90
36) Benzo(k)fluoranthene	23.73	252	24479	0.378	ng	94
37) Benzo(a)pyrene	24.38	252	22378	0.395	ng	95
38) Dibenzo(a,h)anthracene	27.36	278	18008	0.343	ng	97
39) Benzo(g,h,i)perylene	28.22	276	19600	0.375	ng	# 95

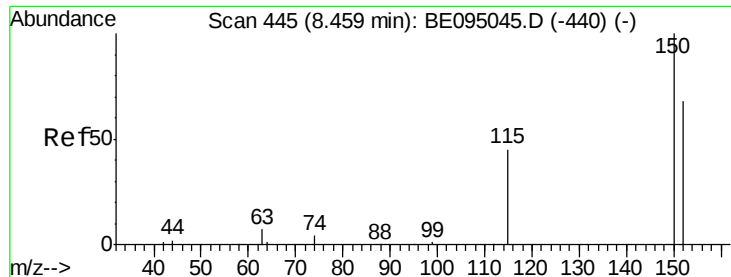
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

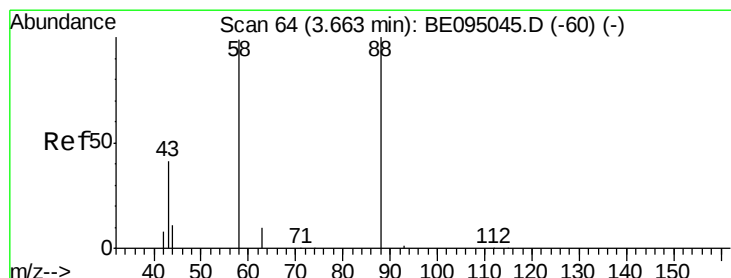
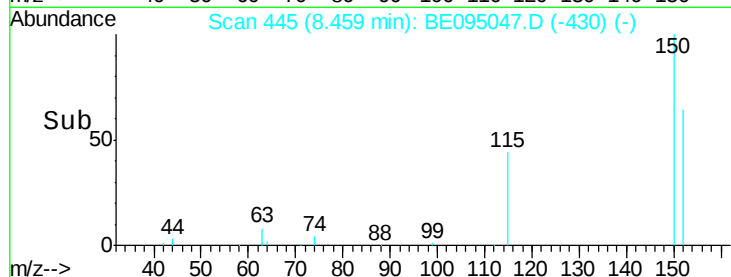
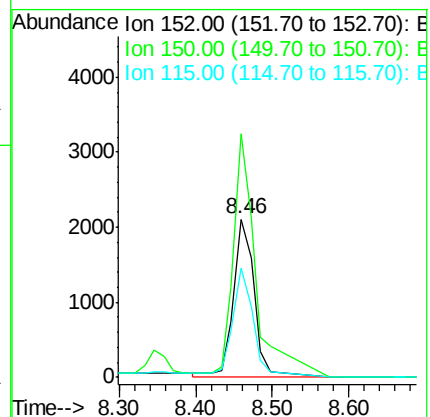
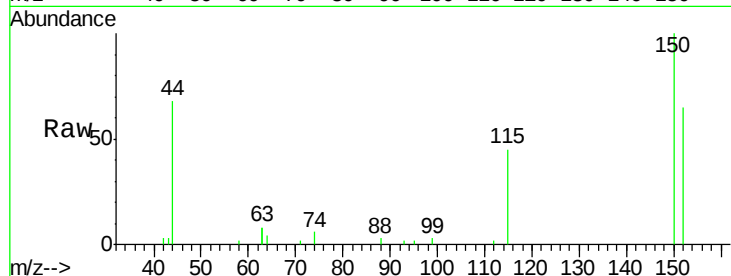
Tgt Ion:152 Resp: 5905

Ion Ratio Lower Upper

152 100

150 154.2 117.2 175.8

115 69.2 57.0 85.6



#2

1,4-Dioxane

Concen: 0.383 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

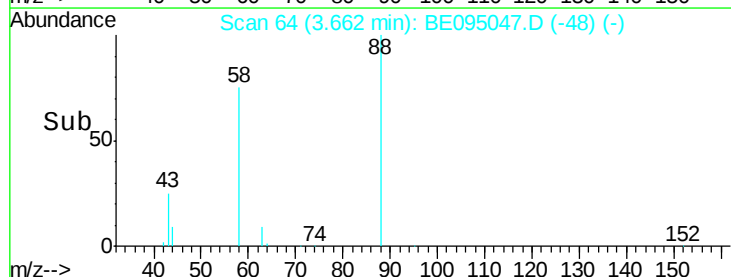
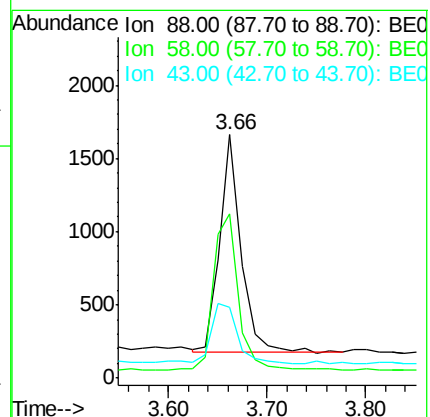
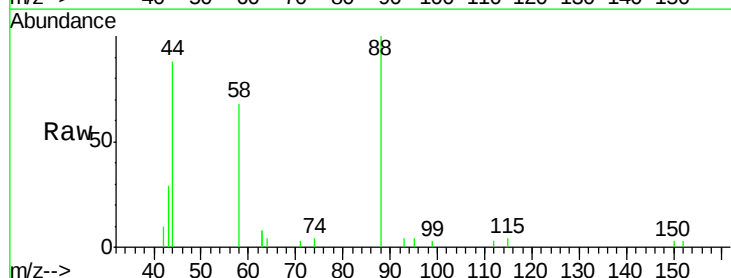
Tgt Ion: 88 Resp: 2227

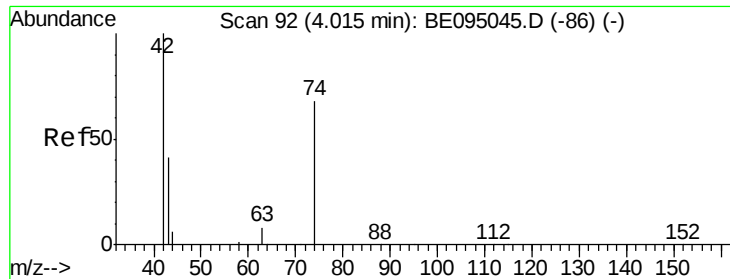
Ion Ratio Lower Upper

88 100

58 84.3 63.2 94.8

43 36.3 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.405 ng

RT: 4.01 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

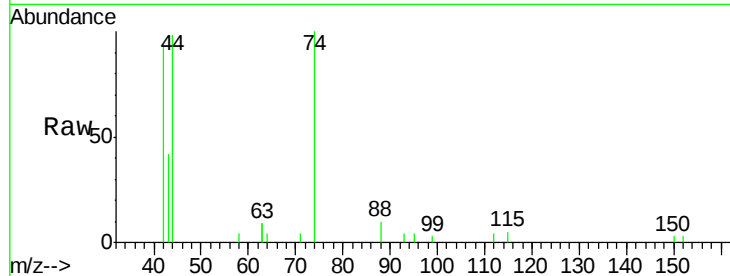
Tgt Ion: 42 Resp: 2788

Ion Ratio Lower Upper

42 100

74 111.2 96.0 144.0

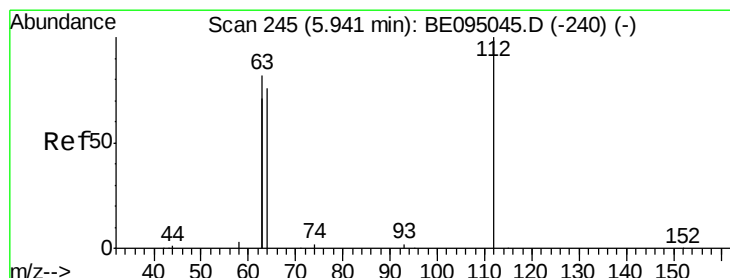
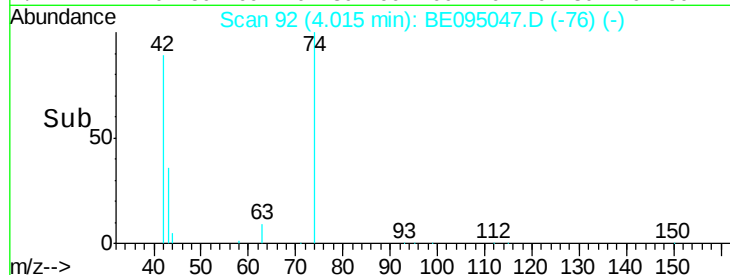
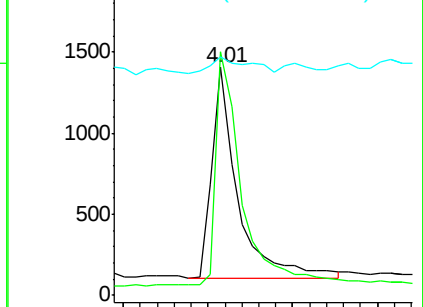
44 10.7 12.0 18.0#



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: 0.389 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

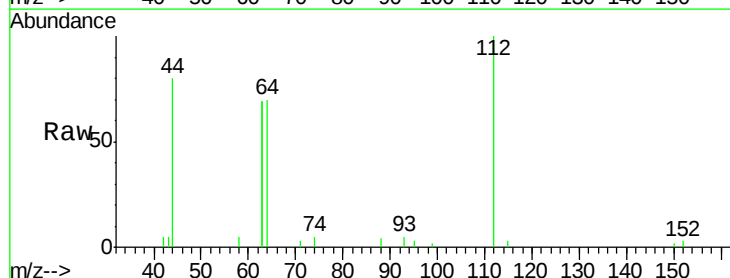
Tgt Ion: 112 Resp: 3570

Ion Ratio Lower Upper

112 100

64 74.4 60.1 90.1

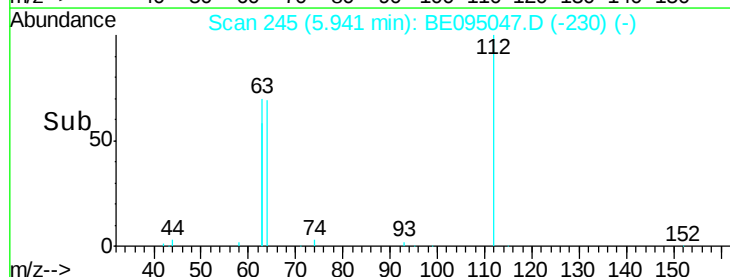
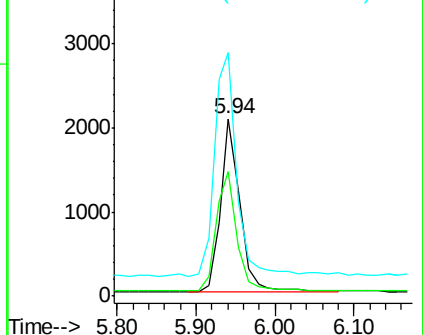
63 148.0 116.8 175.2

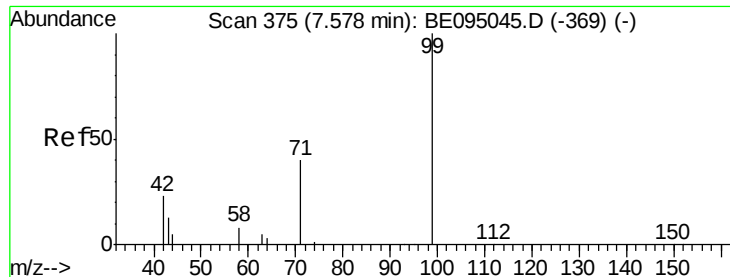


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.380 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

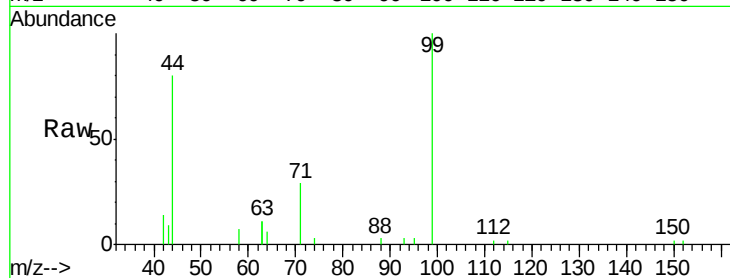
Tgt Ion: 99 Resp: 5173

Ion Ratio Lower Upper

99 100

42 23.2 20.2 30.2

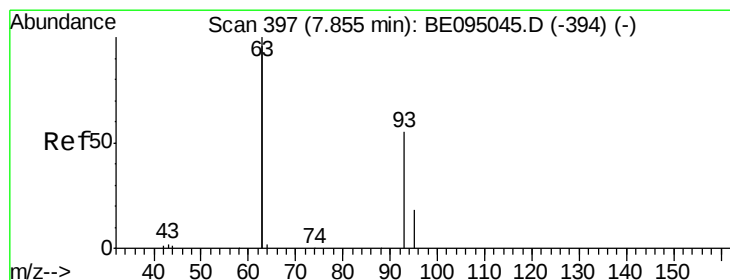
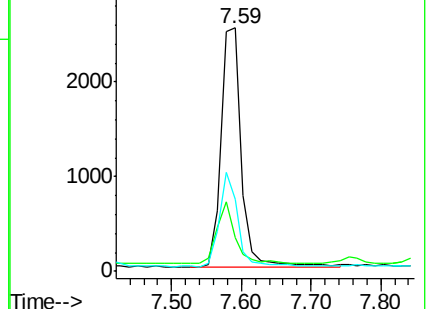
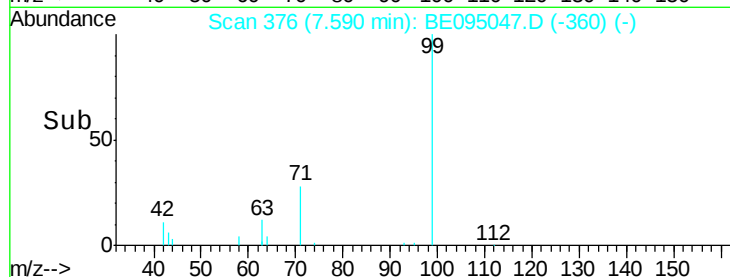
71 36.2 28.4 42.6



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: 0.412 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

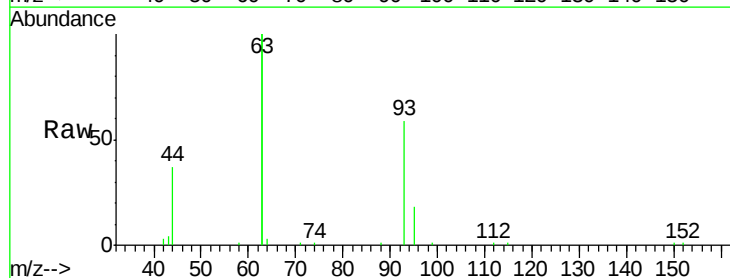
Tgt Ion: 93 Resp: 5475

Ion Ratio Lower Upper

93 100

63 321.3 275.3 412.9

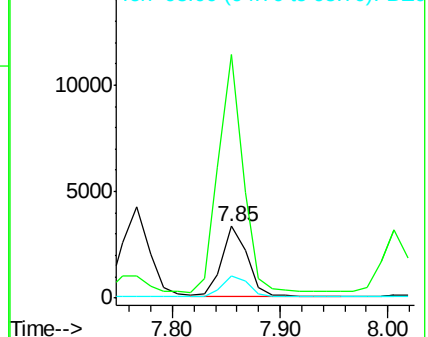
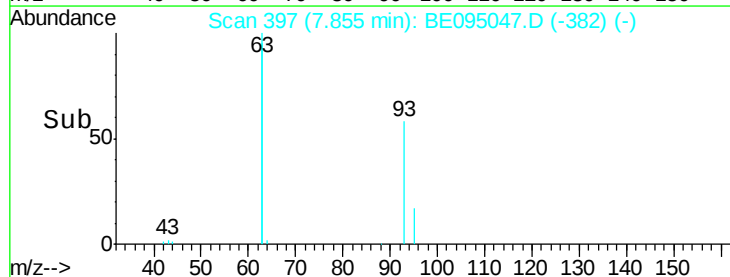
95 32.0 25.2 37.8

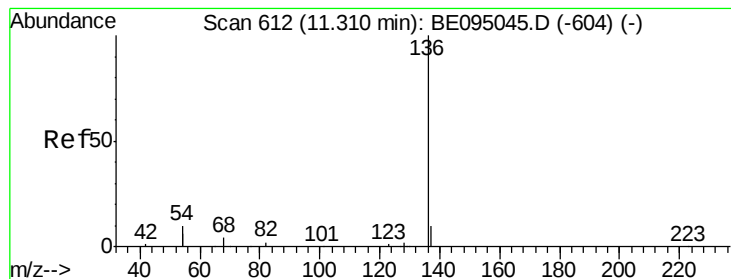


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 14101

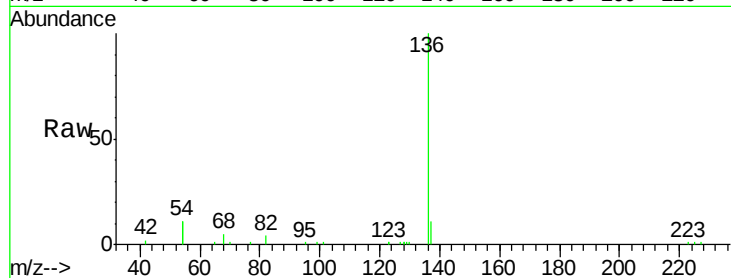
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 22.9 29.1 43.7#

68 5.1 6.2 9.2#

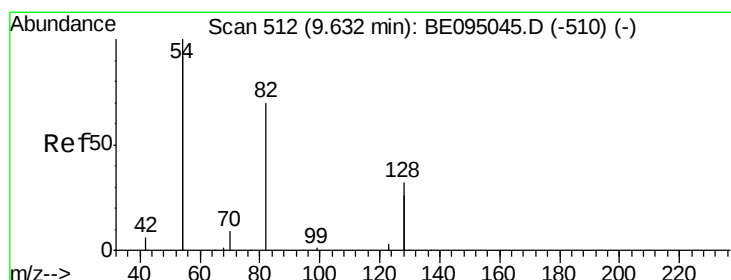
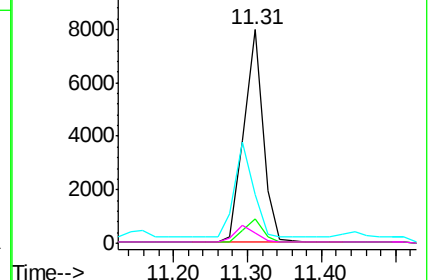
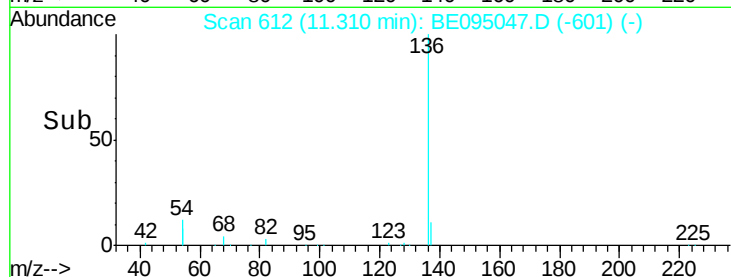


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

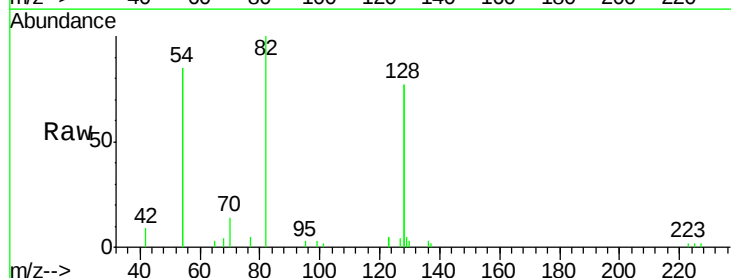
Tgt Ion: 82 Resp: 4380

Ion Ratio Lower Upper

82 100

128 154.2 150.0 225.0

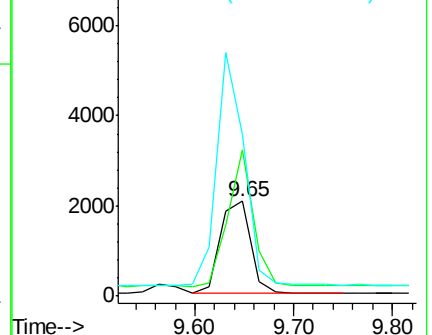
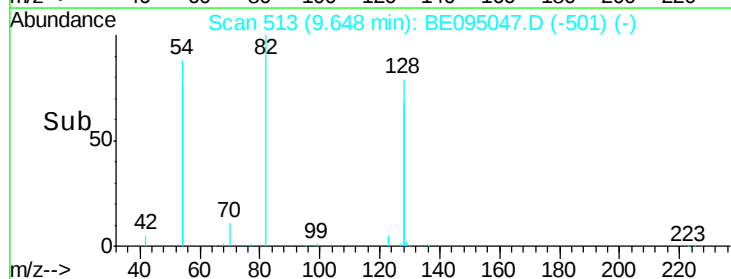
54 170.8 154.2 231.4

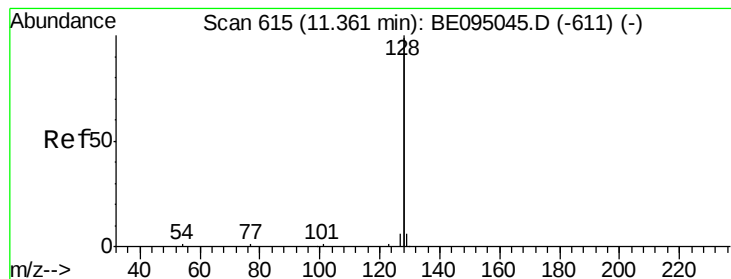


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

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BNA_E

ClientSampleId :

SSTDCCC0.4

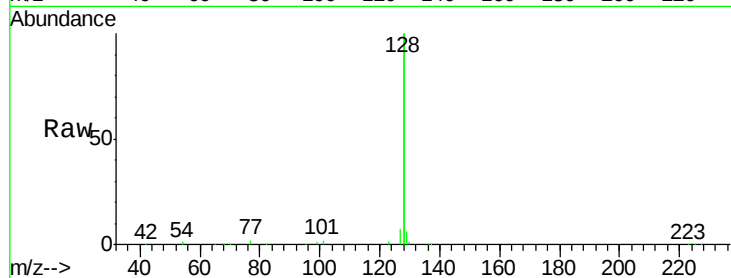
Tgt Ion:128 Resp: 63081

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

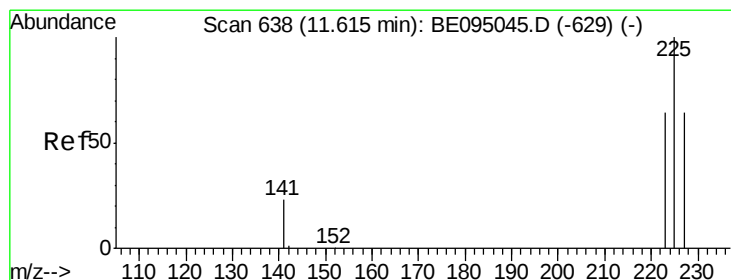
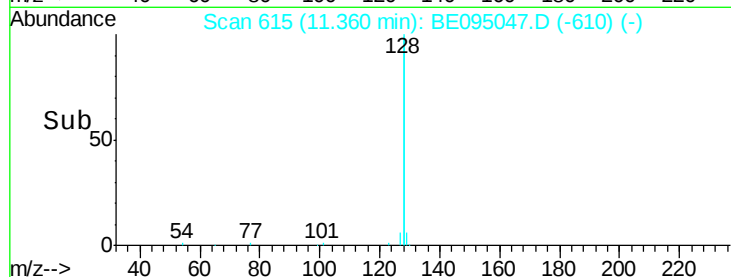
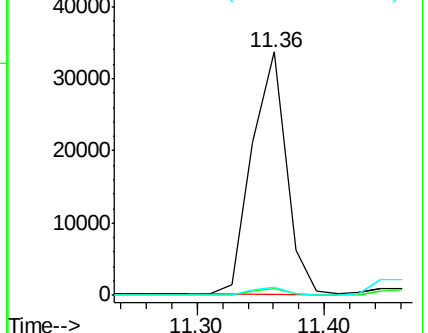
127 3.3 2.8 4.2



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: 0.385 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

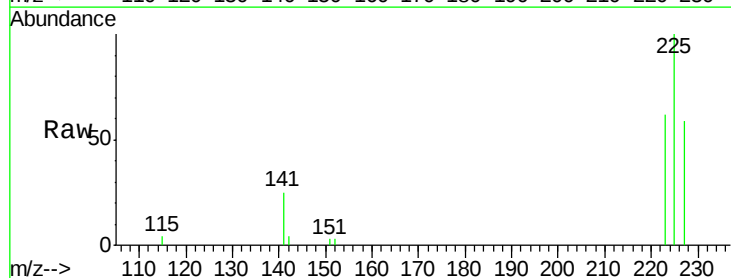
Tgt Ion:225 Resp: 2899

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

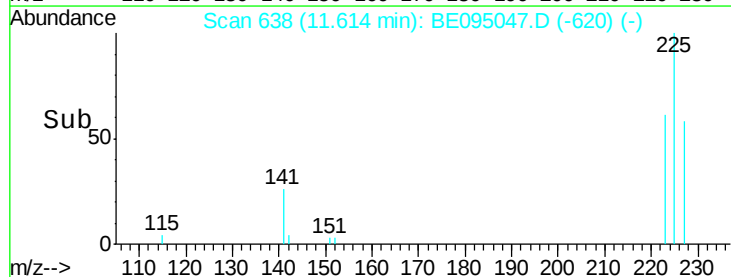
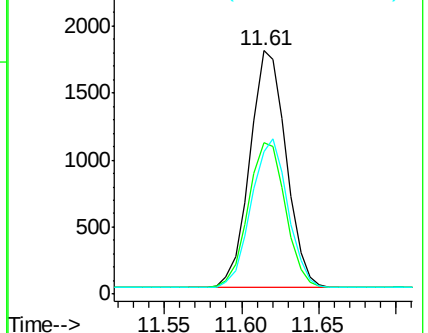
227 63.6 51.4 77.2

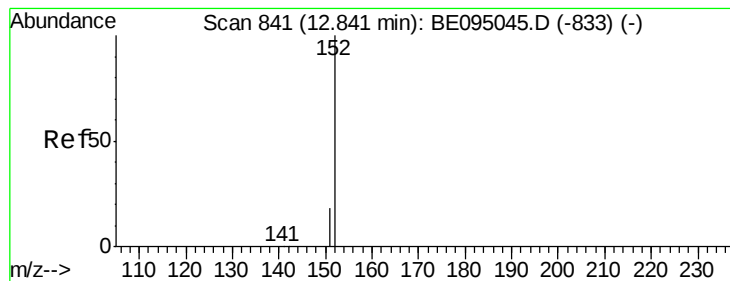


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

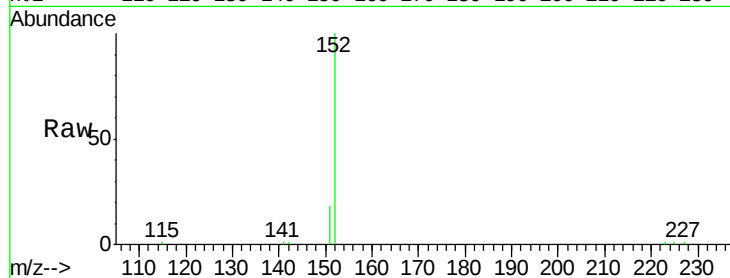
SSTDCCC0.4

Tgt Ion:152 Resp: 8880

Ion Ratio Lower Upper

152 100

151 19.7 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

6000

5000

4000

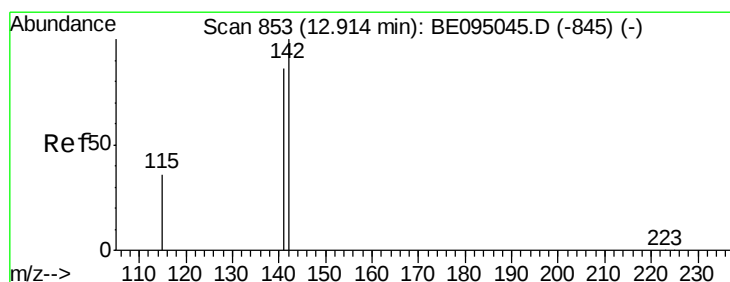
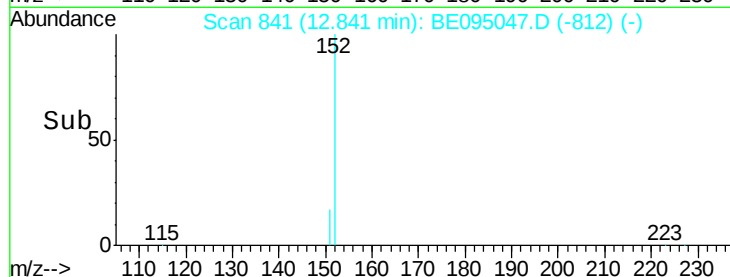
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.348 ng

RT: 12.91 min Scan# 853

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

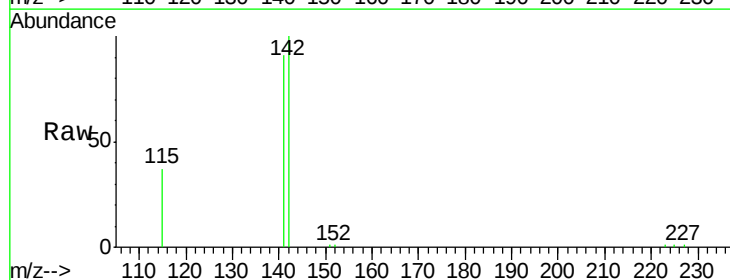
Tgt Ion:142 Resp: 14372

Ion Ratio Lower Upper

142 100

141 90.8 70.4 105.6

115 37.0 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

8000

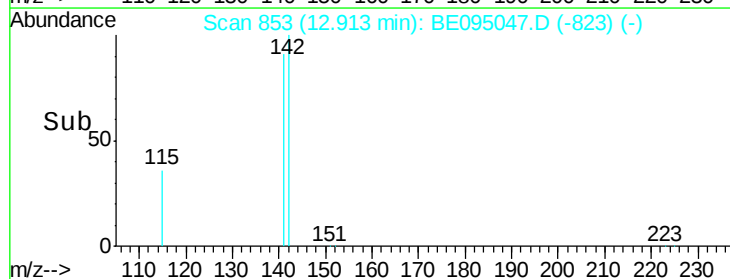
6000

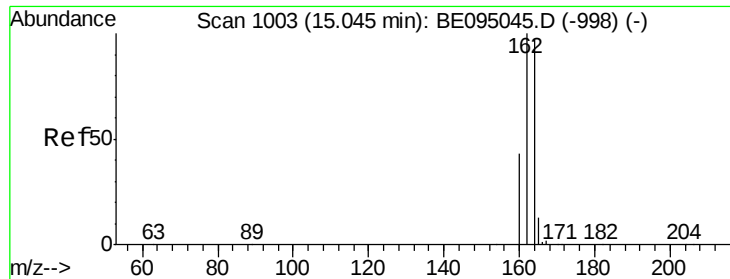
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.04 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

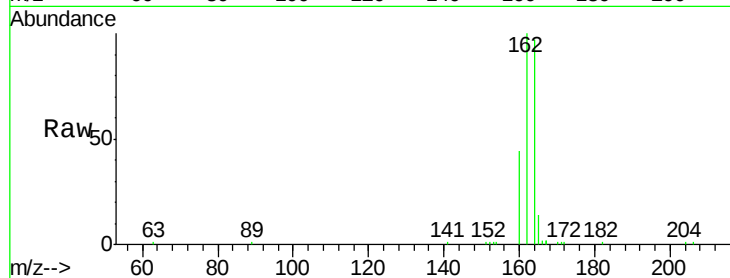
Tgt Ion:164 Resp: 7793

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

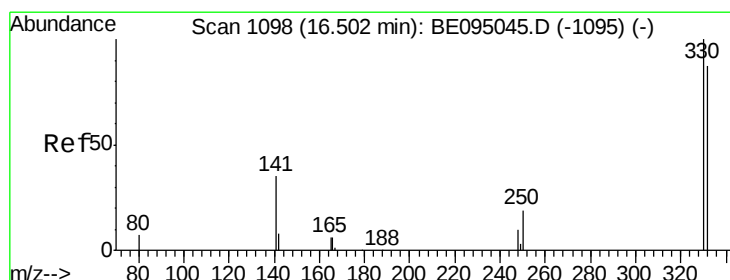
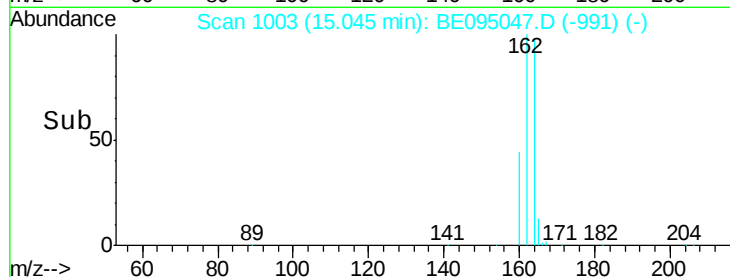
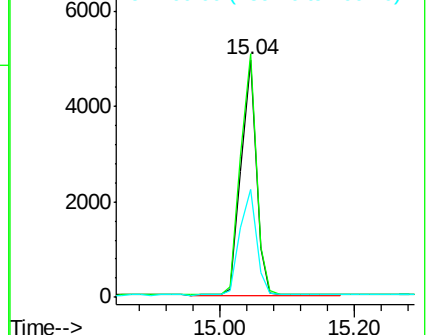
160 45.2 37.1 55.7



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: 0.323 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

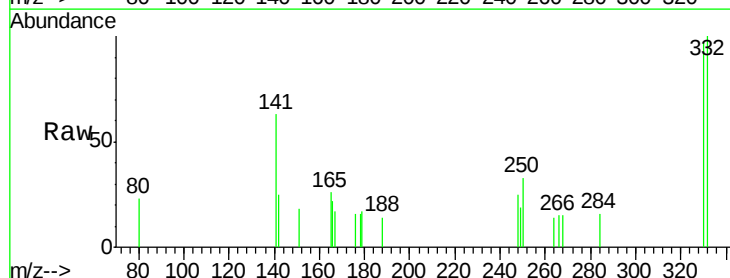
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 100.2 152.7 229.1#

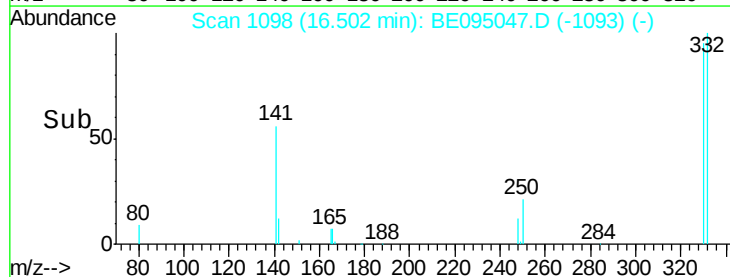
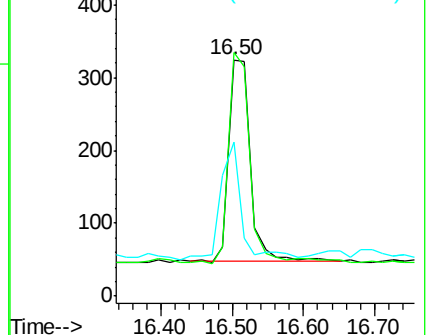
141 49.6 33.7 50.5

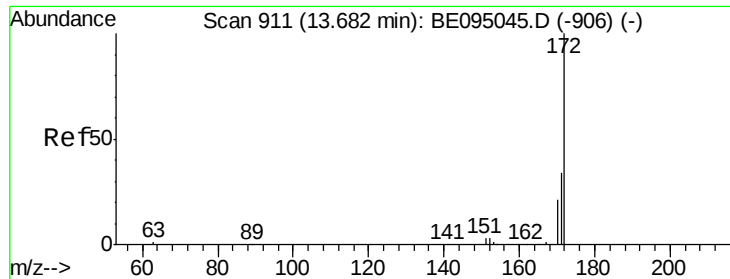


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

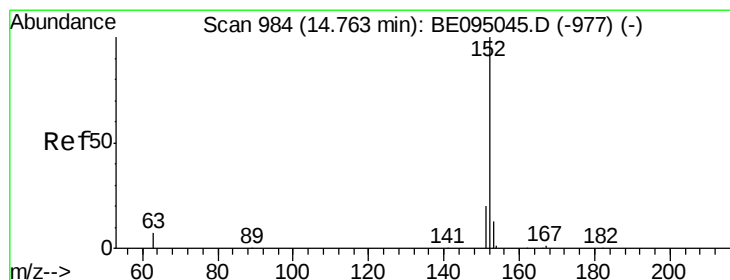
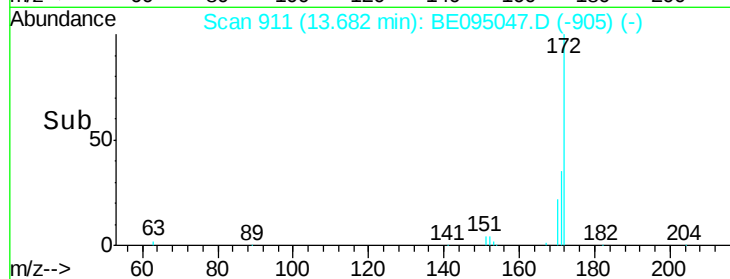
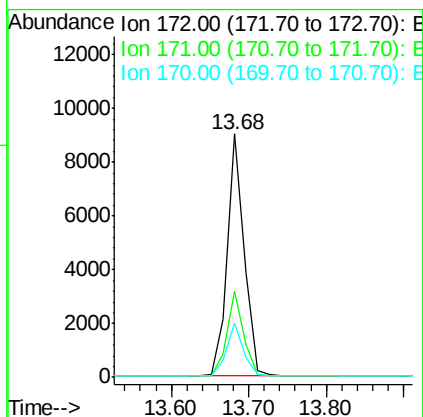
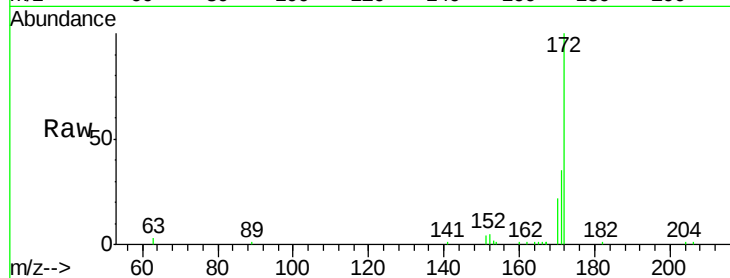




#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BE095047.D
 Acq: 26 Dec 2017 9:39

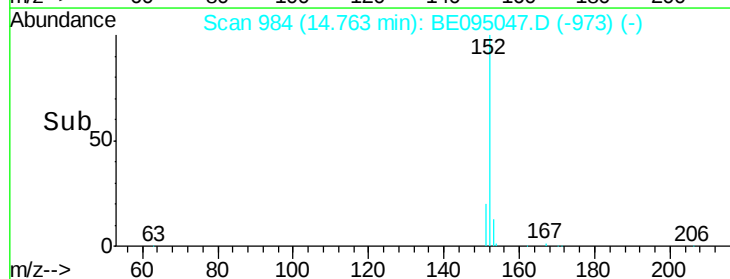
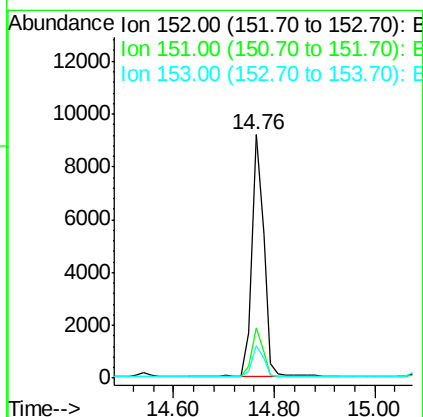
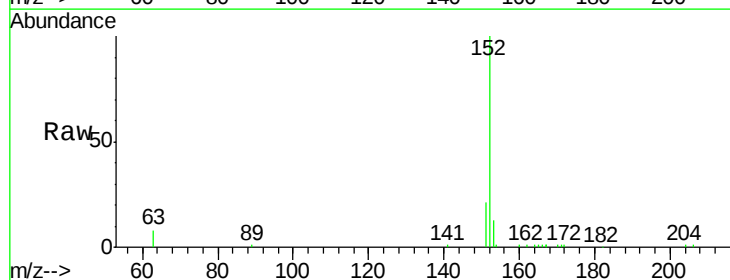
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

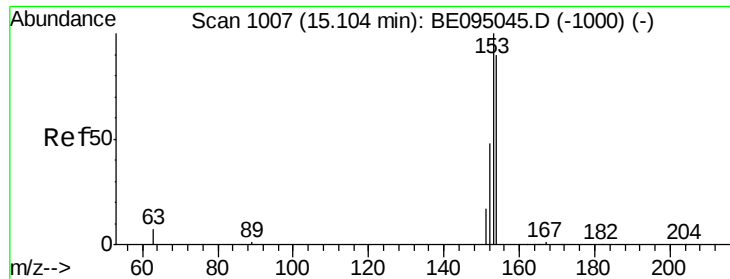
Tgt Ion:172 Resp: 13606
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.9 44.9
 170 22.5 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.371 ng
 RT: 14.76 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BE095047.D
 Acq: 26 Dec 2017 9:39

Tgt Ion:152 Resp: 15449
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.7 23.5
 153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.385 ng

RT: 15.10 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

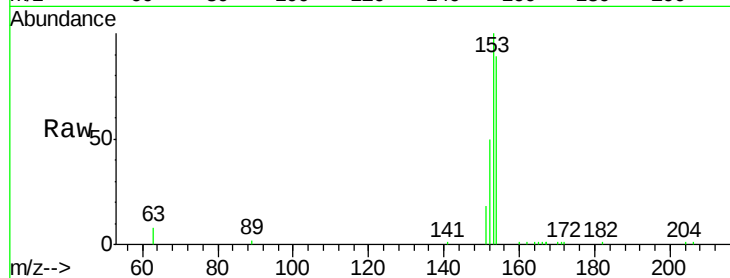
Tgt Ion:154 Resp: 10638

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

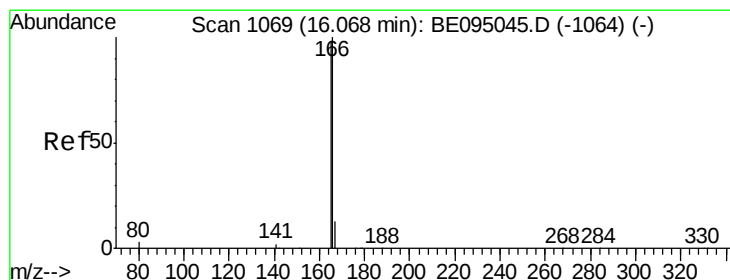
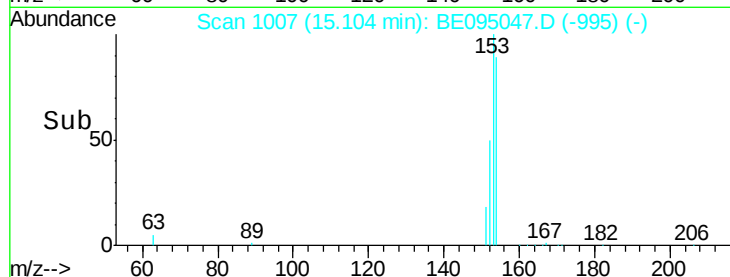
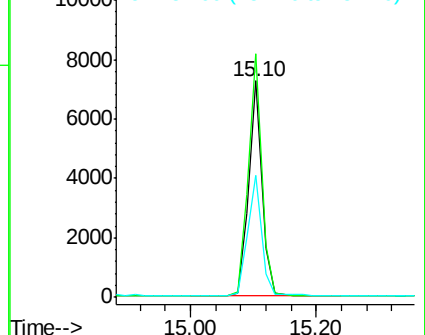
152 58.1 42.0 63.0



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: 0.384 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

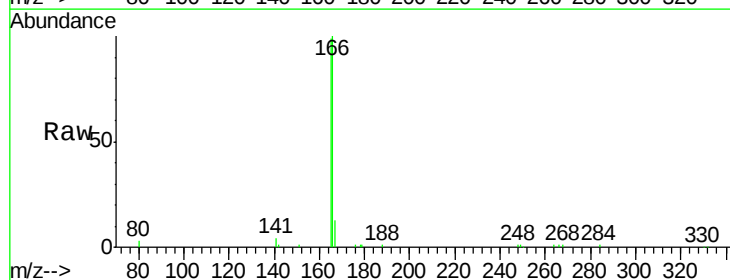
Tgt Ion:166 Resp: 13180

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

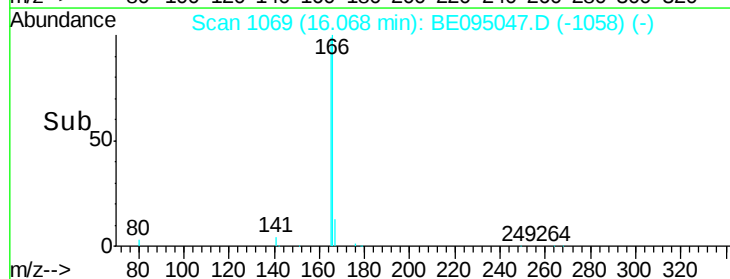
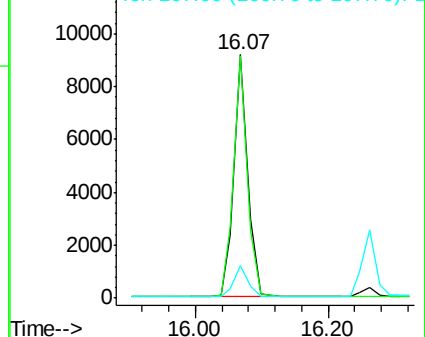
167 13.3 42.4 63.6#

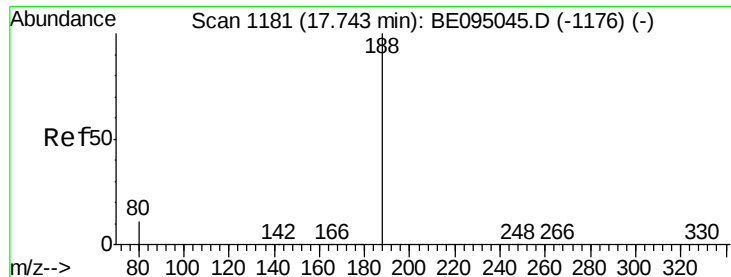


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

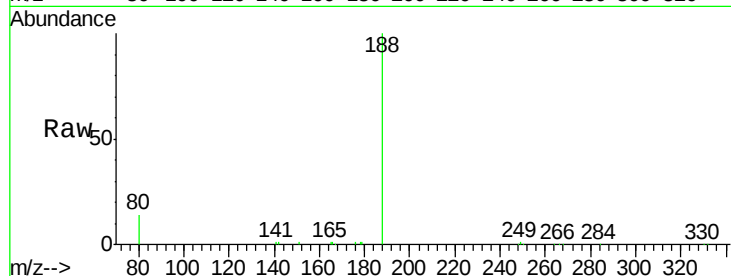
Tgt Ion:188 Resp: 18545

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

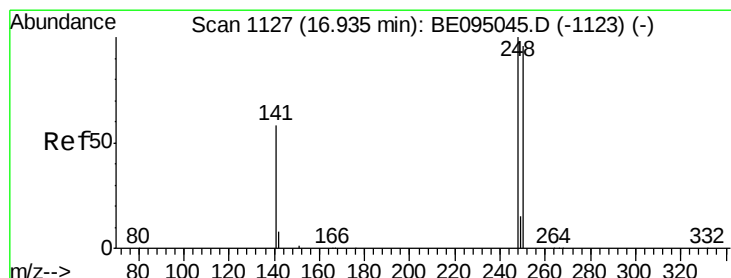
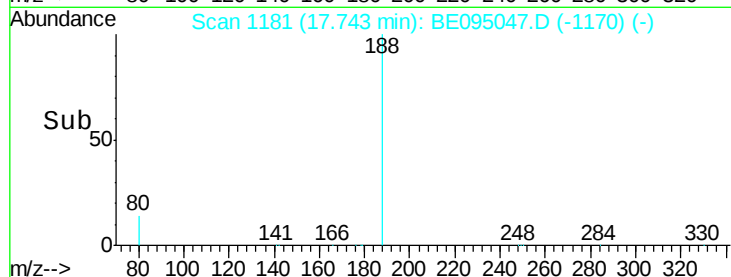
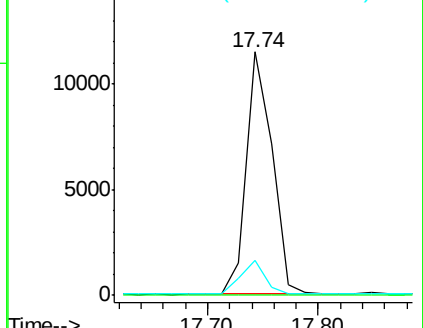
80 14.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.374 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

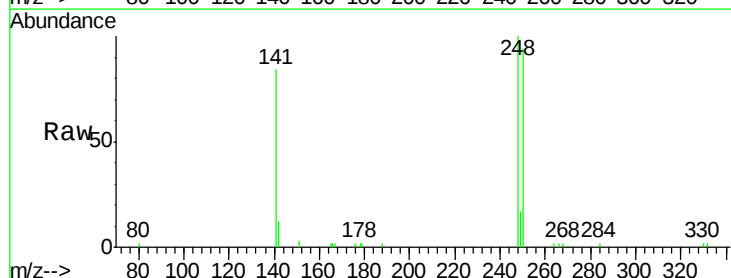
Tgt Ion:248 Resp: 4058

Ion Ratio Lower Upper

248 100

250 94.0 62.7 94.1

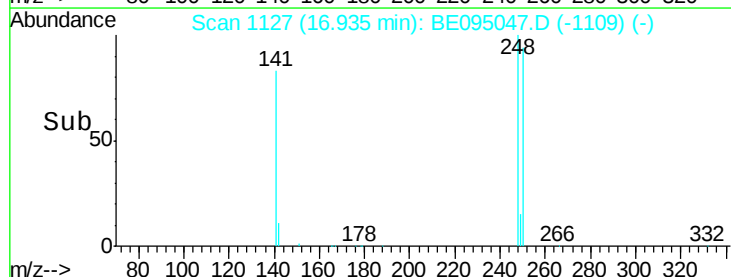
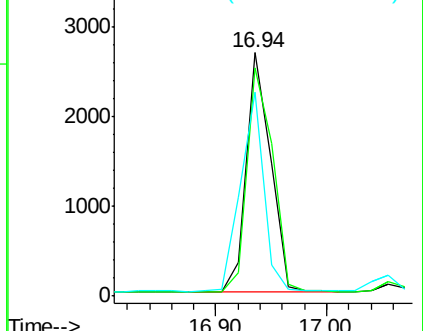
141 83.6 48.2 72.2#

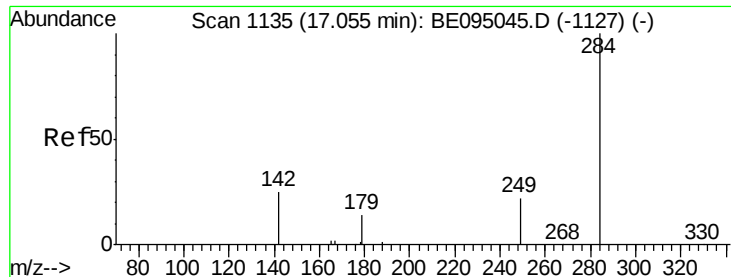


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

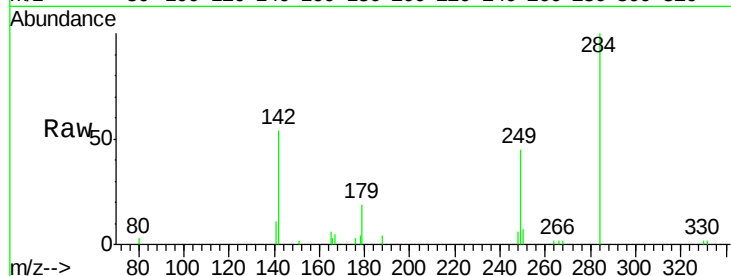
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

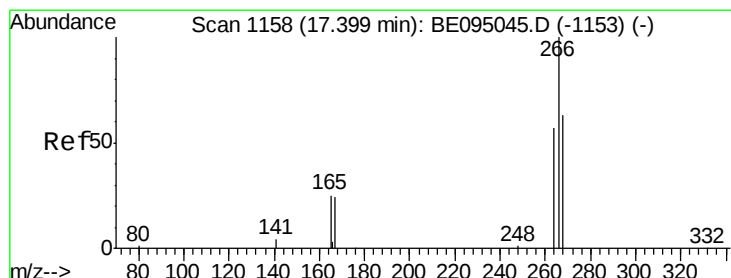
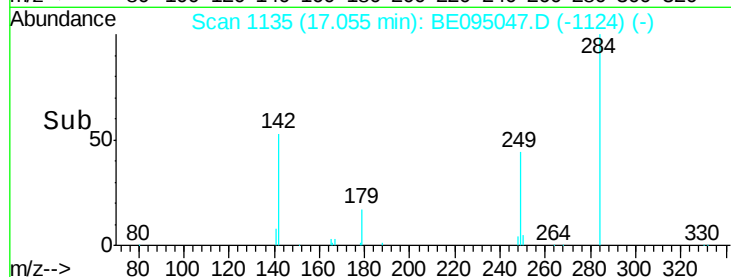
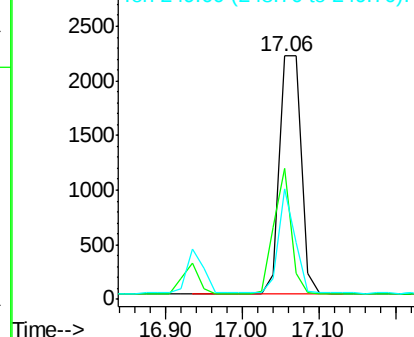
Tgt Ion:	284	Resp:	4260
Ion Ratio	Lower	Upper	
284	100		
142	42.0	22.1	33.1#
249	33.9	34.8	52.2#



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: 0.348 ng

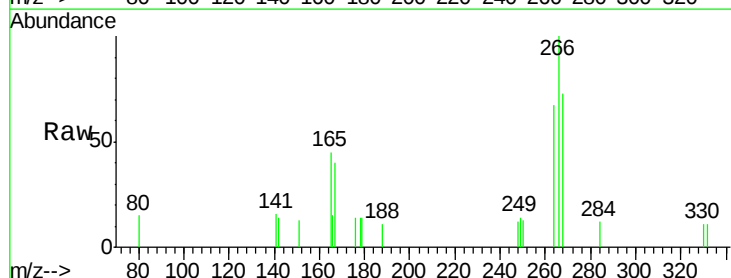
RT: 17.40 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

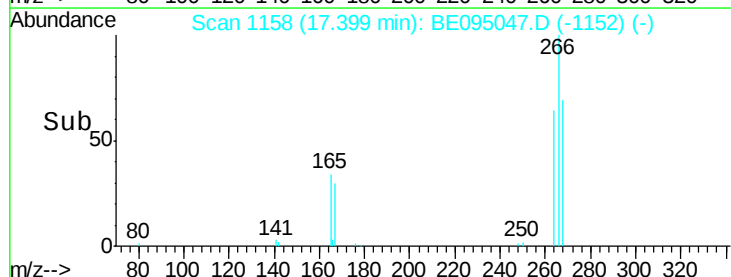
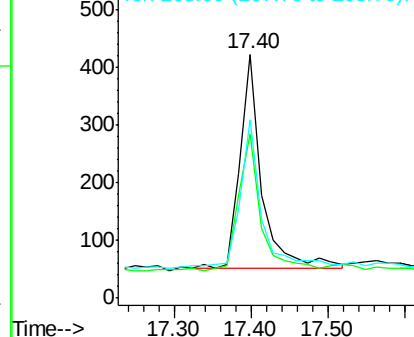
Tgt Ion:	266	Resp:	739
Ion Ratio	Lower	Upper	
266	100		
264	67.4	72.5	108.7#
268	73.3	73.8	110.6#

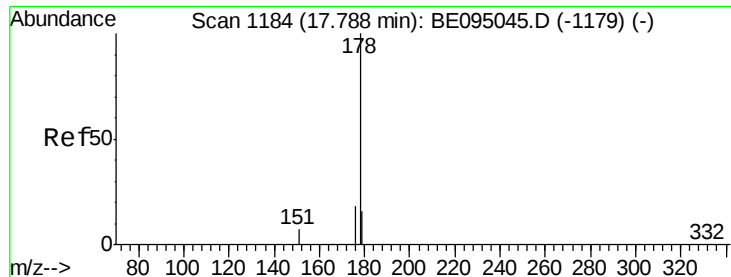


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

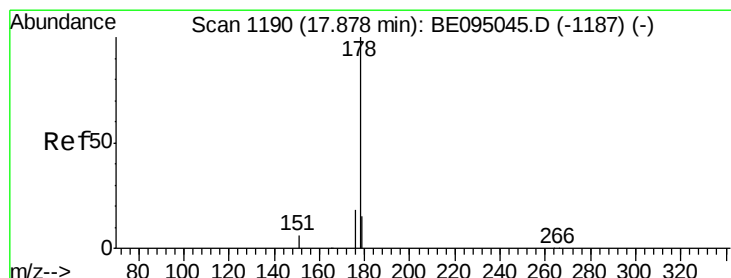
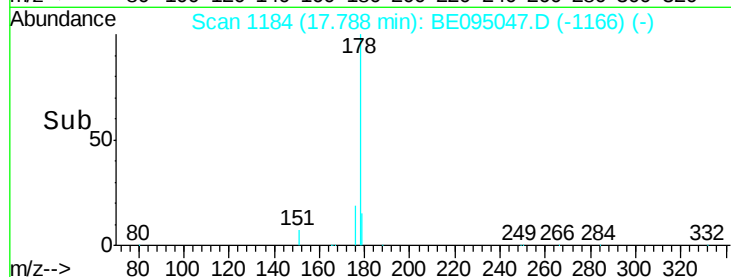
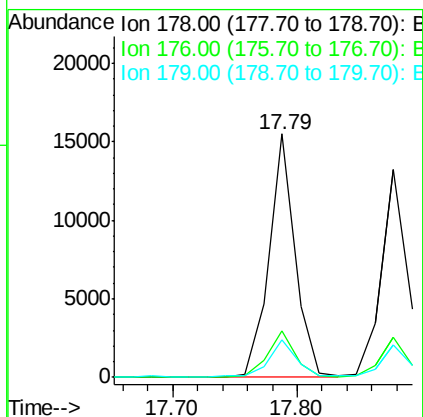
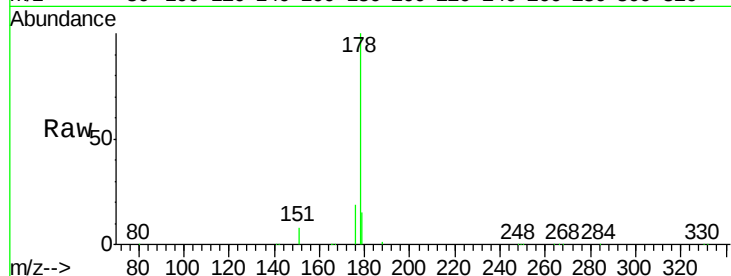
Tgt Ion:178 Resp: 22447

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.5 11.8 17.6



#24

Anthracene

Concen: 0.374 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

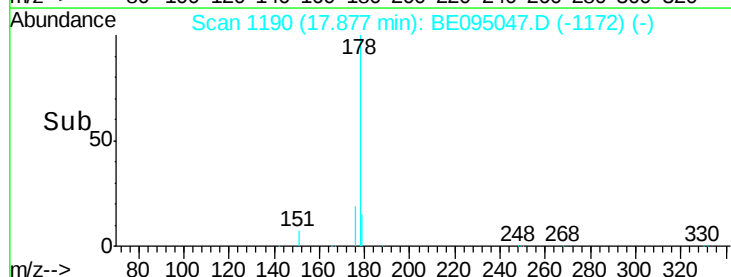
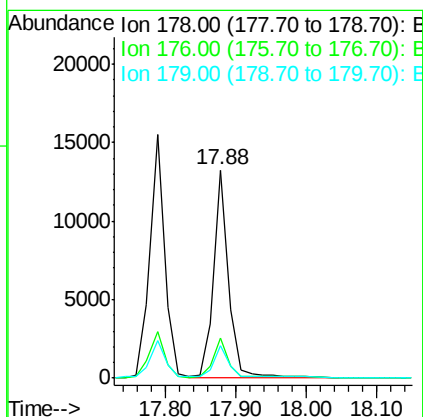
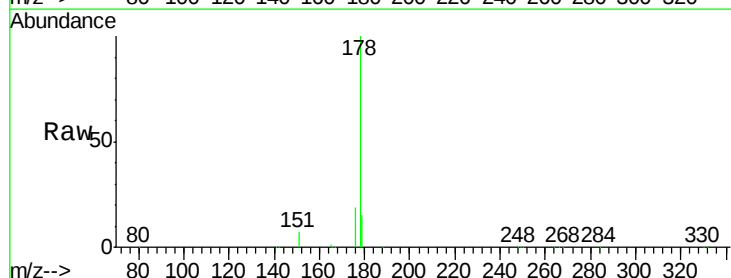
Tgt Ion:178 Resp: 22157

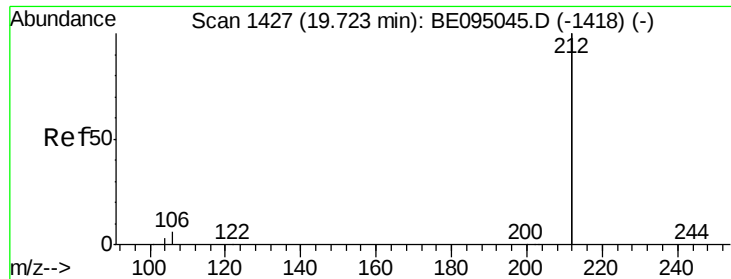
Ion Ratio Lower Upper

178 100

176 20.9 12.8 19.2#

179 18.1 13.0 19.6

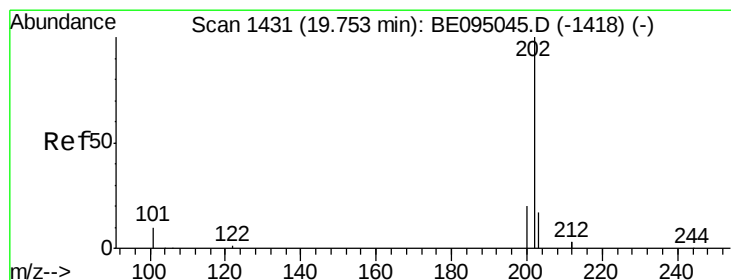
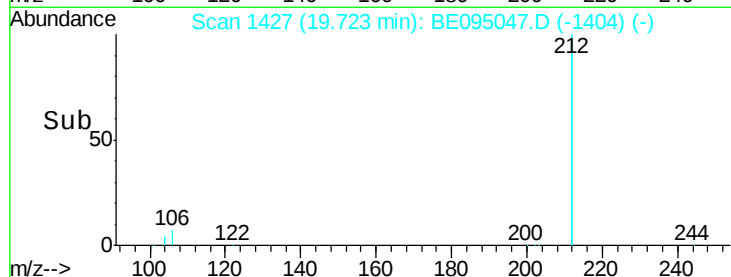
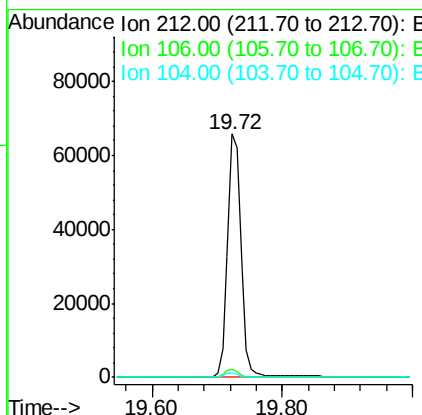
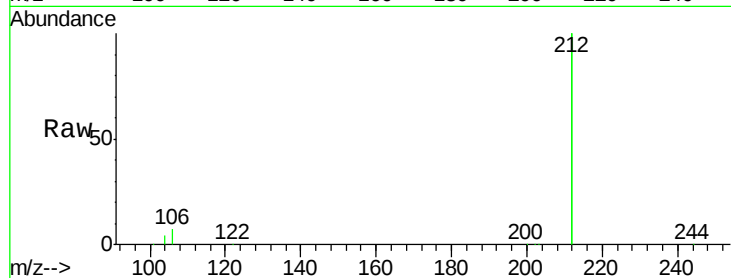




#25
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095047.D
 Acq: 26 Dec 2017 9:39

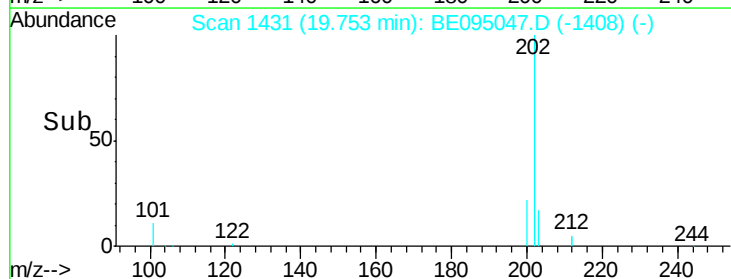
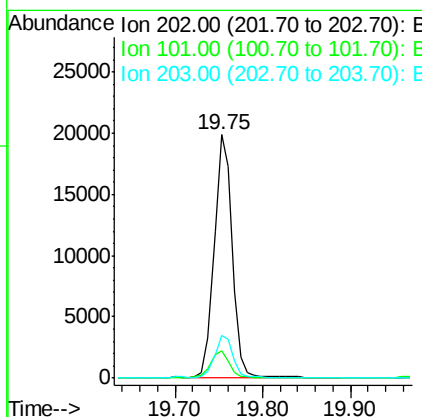
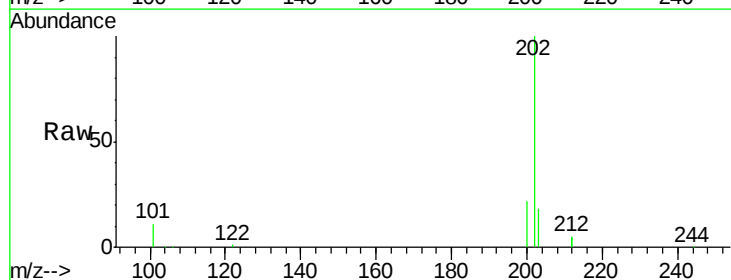
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

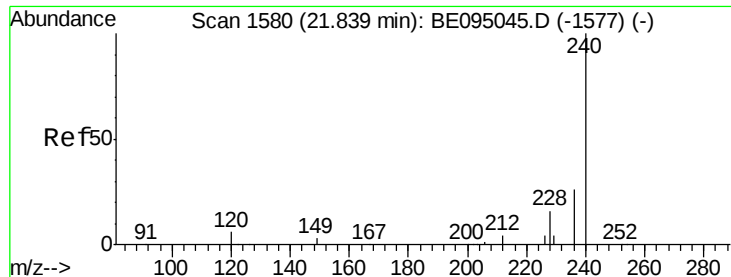
Tgt Ion:212 Resp: 93180
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.387 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BE095047.D
 Acq: 26 Dec 2017 9:39

Tgt Ion:202 Resp: 27632
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 203 17.4 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

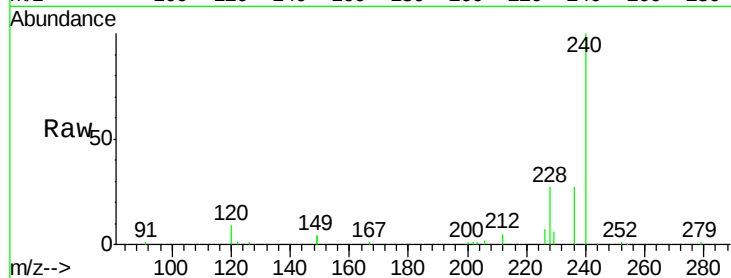
Tgt Ion:240 Resp: 20239

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

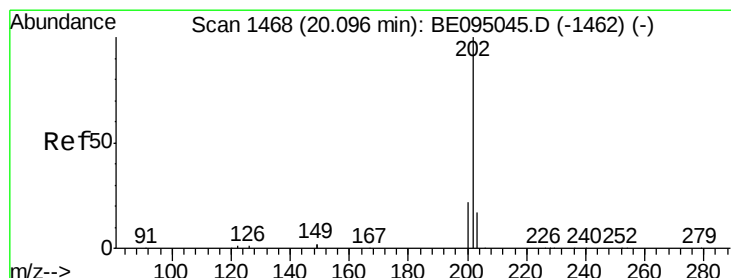
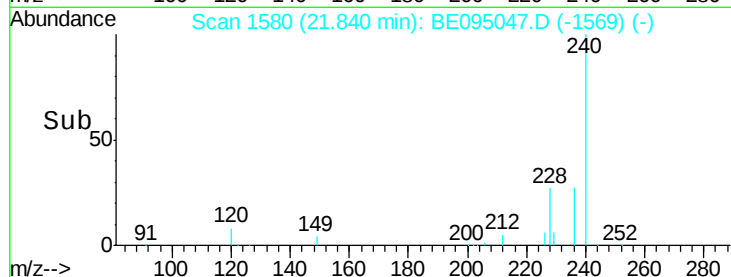
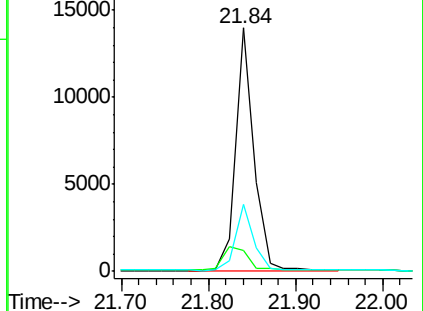
236 27.4 20.7 31.1



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: 0.489 ng

RT: 20.10 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

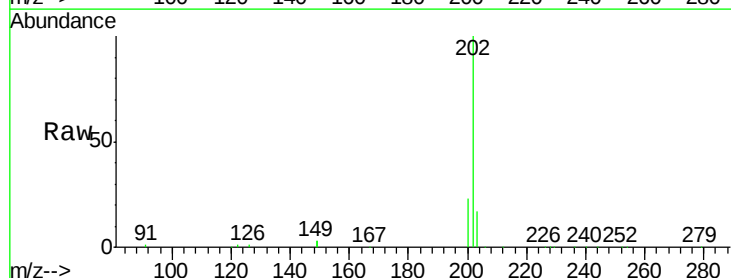
Tgt Ion:202 Resp: 33538

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

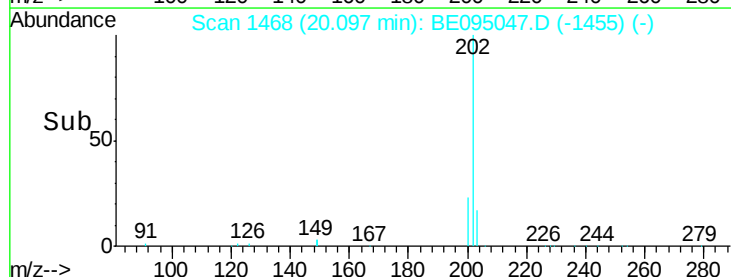
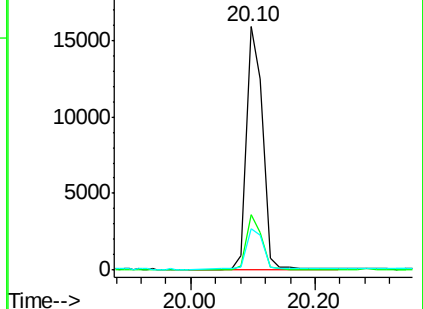
203 17.1 13.8 20.8

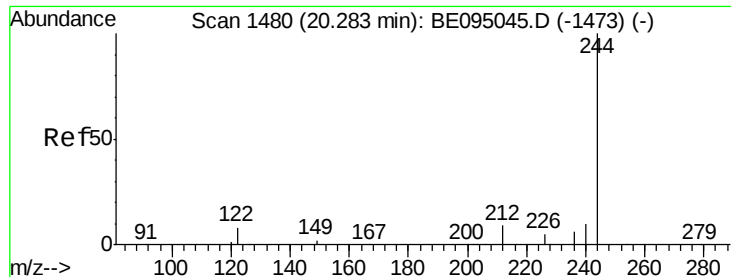


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

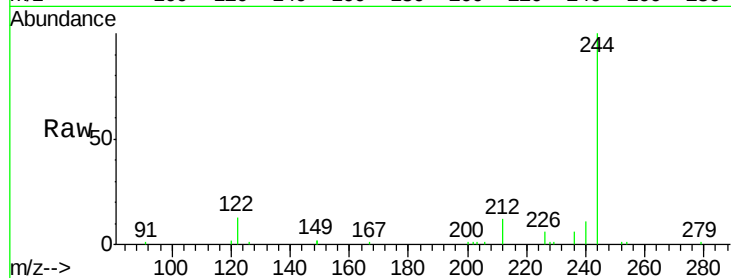
Tgt Ion:244 Resp: 15226

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

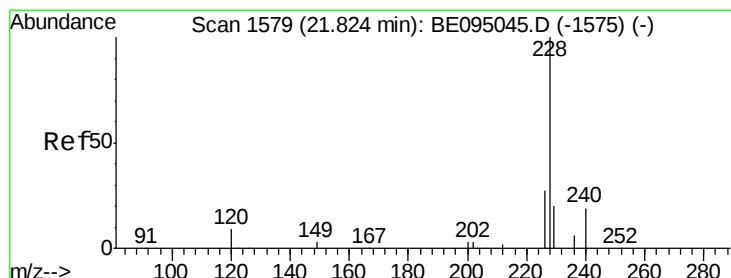
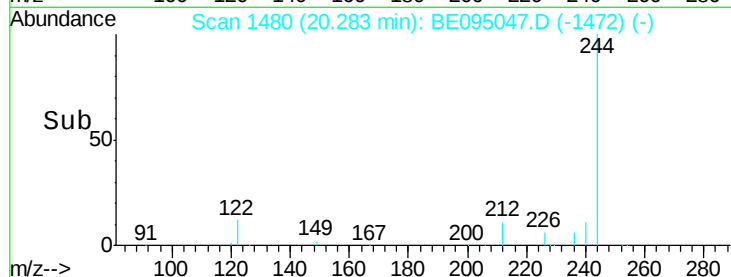
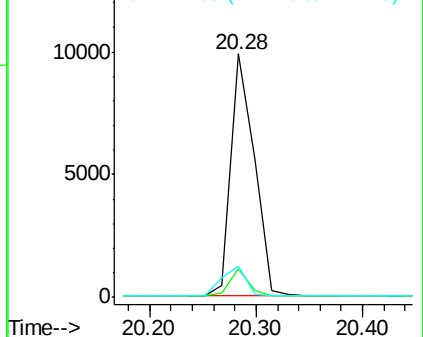
122 12.7 8.1 12.1#



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: 0.408 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

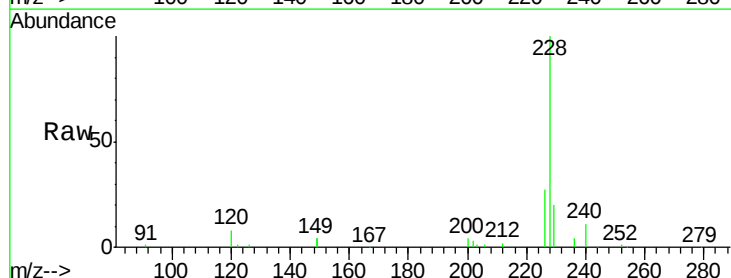
Tgt Ion:228 Resp: 24129

Ion Ratio Lower Upper

228 100

226 26.9 40.0 60.0#

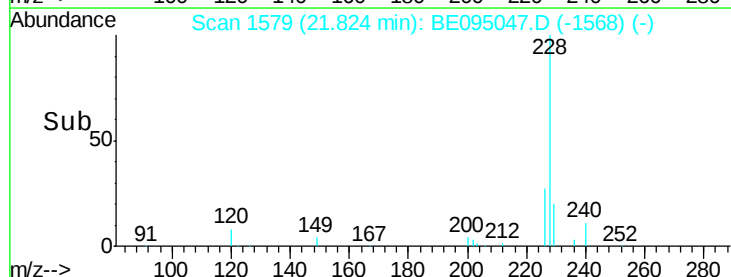
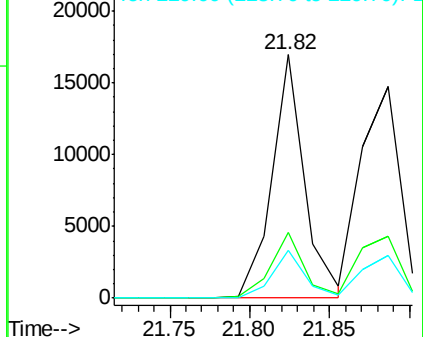
229 19.8 40.0 60.0#

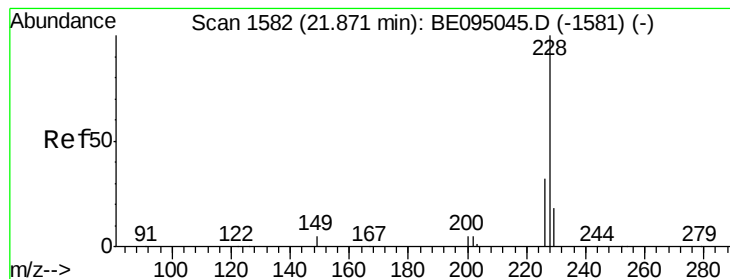


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.418 ng

RT: 21.89 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

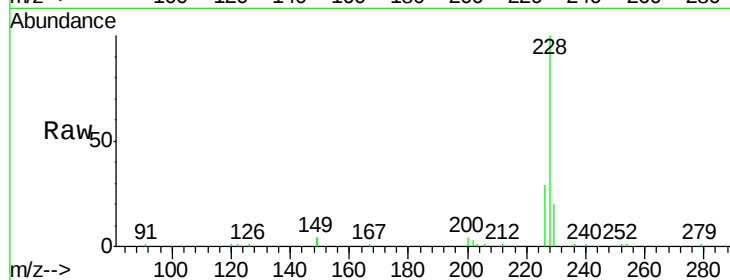
Tgt Ion:228 Resp: 27801

Ion Ratio Lower Upper

228 100

226 28.9 40.0 60.0#

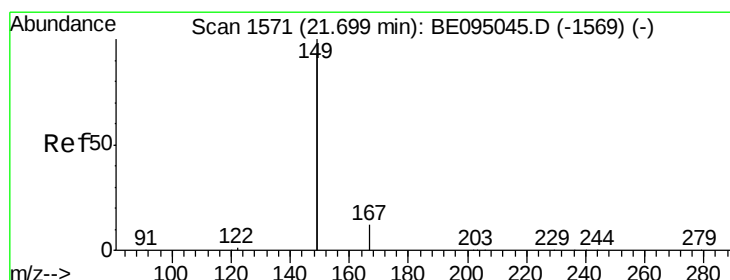
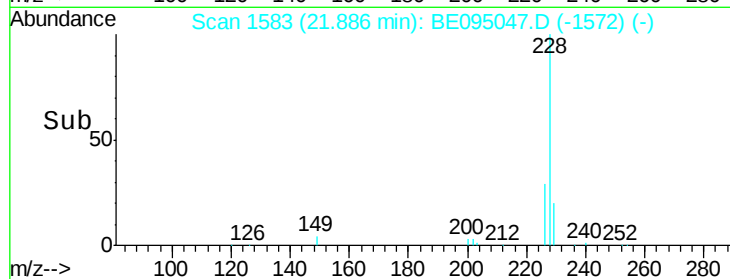
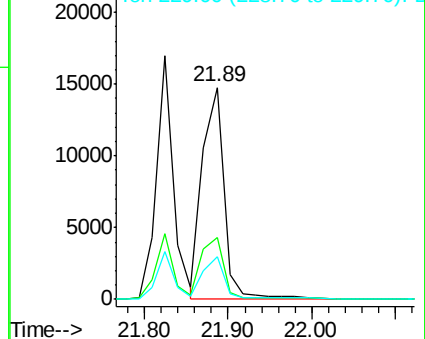
229 20.3 40.0 60.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.356 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

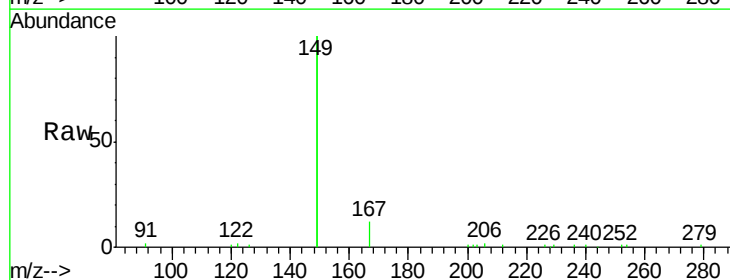
Tgt Ion:149 Resp: 26840

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

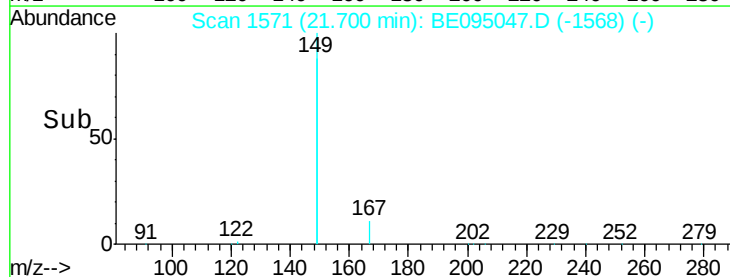
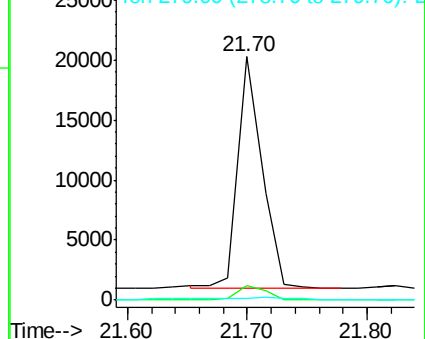
279 1.7 0.7 1.1#

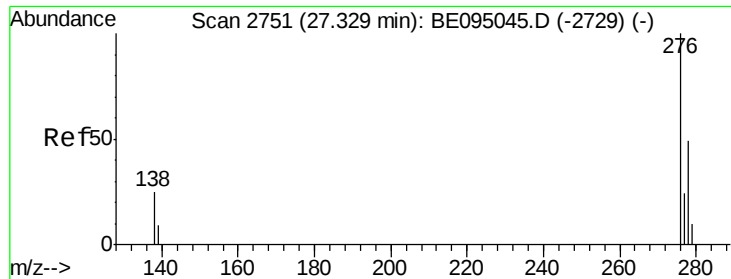


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.423 ng

RT: 27.34 min Scan# 2753

Delta R.T. -0.07 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

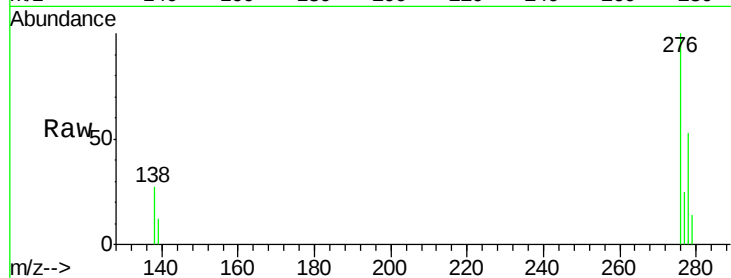
Tgt Ion:276 Resp: 22926

Ion Ratio Lower Upper

276 100

138 26.8 22.5 33.7

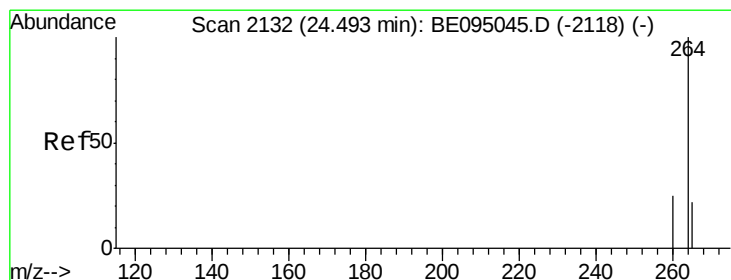
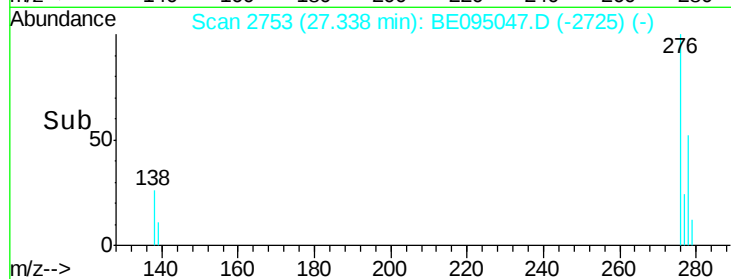
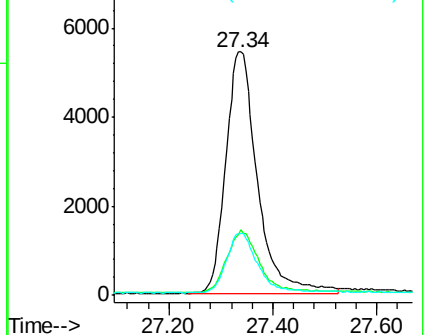
277 24.4 19.9 29.9



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: 0.400 ng

RT: 24.50 min Scan# 2133

Delta R.T. -0.05 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

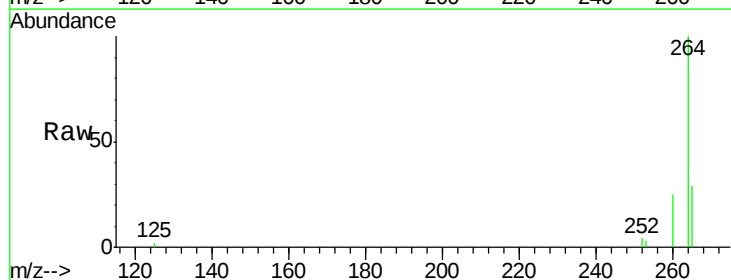
Tgt Ion:264 Resp: 17386

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

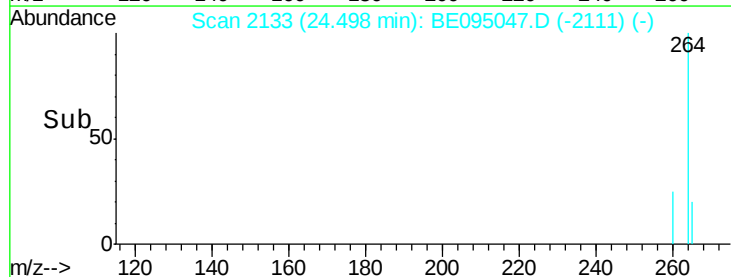
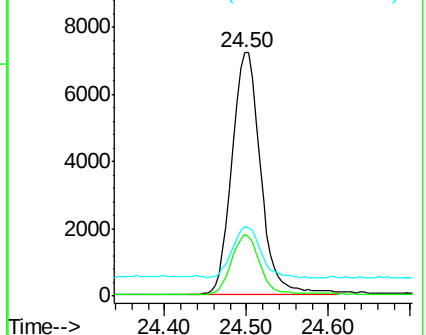
265 28.6 22.8 34.2

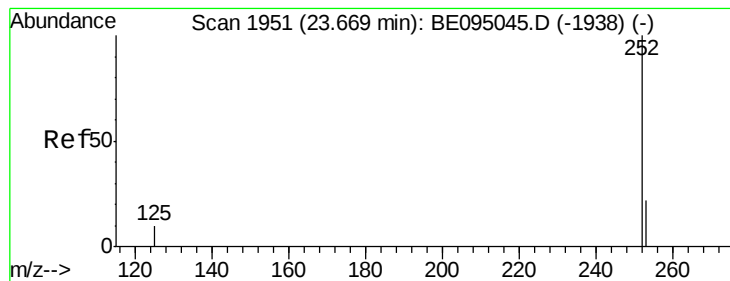


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 23.67 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

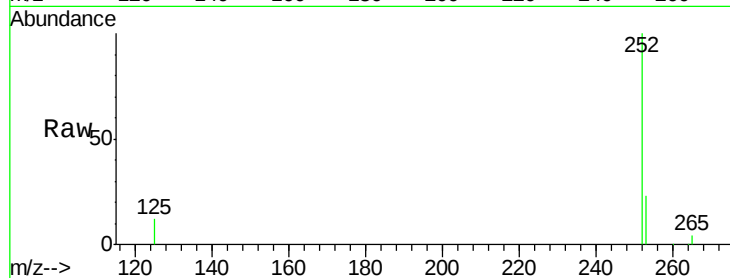
Tgt Ion:252 Resp: 24806

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

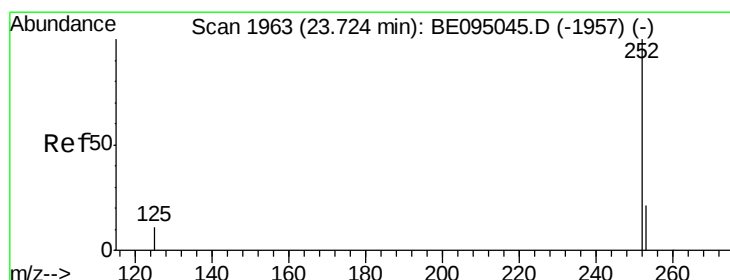
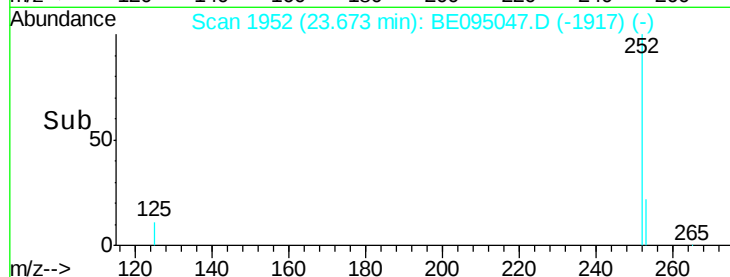
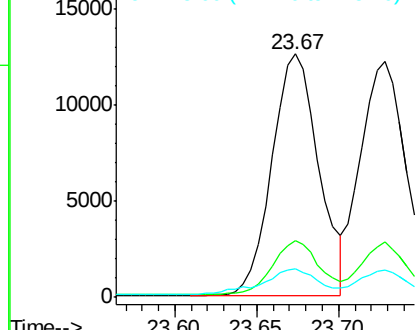
125 11.8 16.0 24.0#



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: 0.378 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.05 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

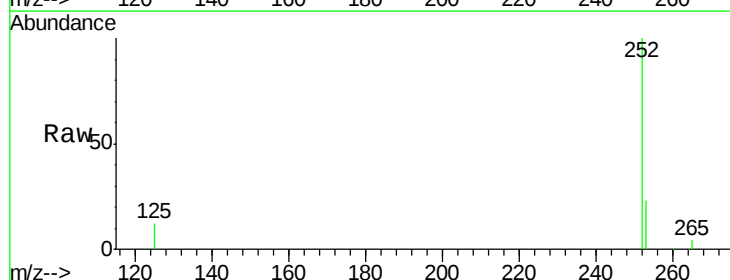
Tgt Ion:252 Resp: 24479

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

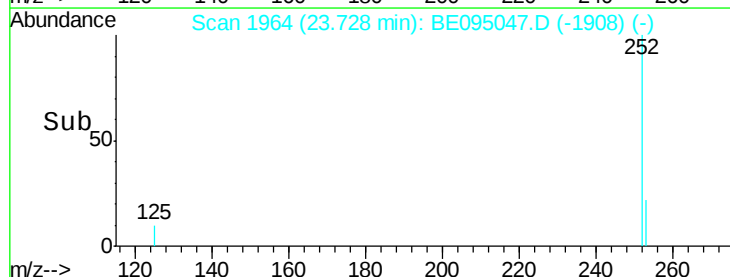
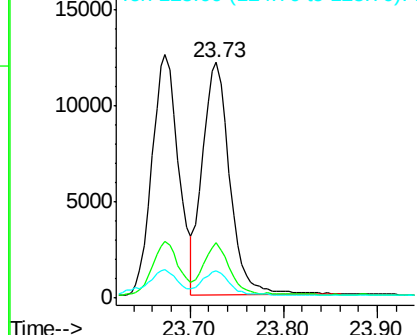
125 11.5 8.0 12.0

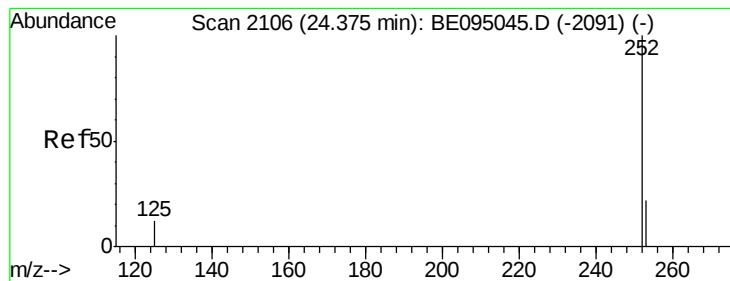


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 24.38 min Scan# 2107

Delta R.T. -0.05 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

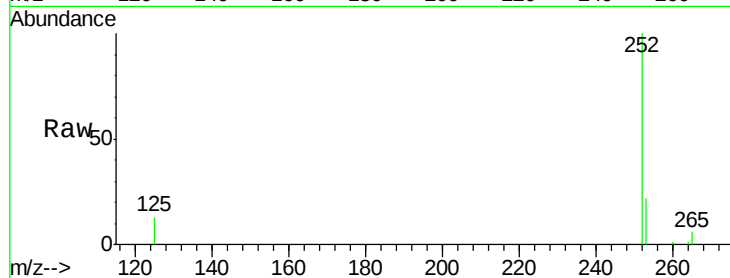
Tgt Ion: 252 Resp: 22378

Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

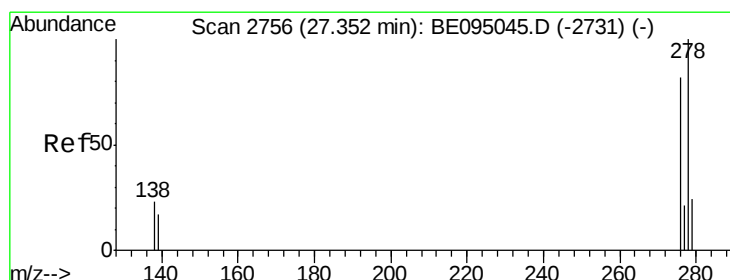
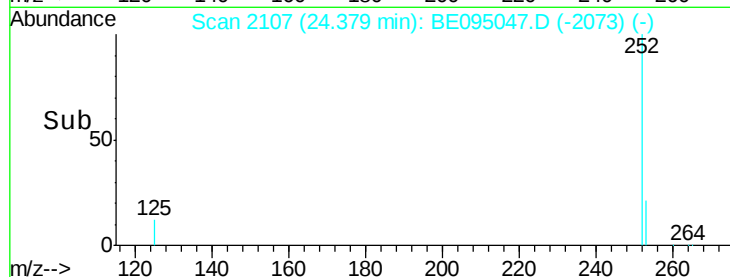
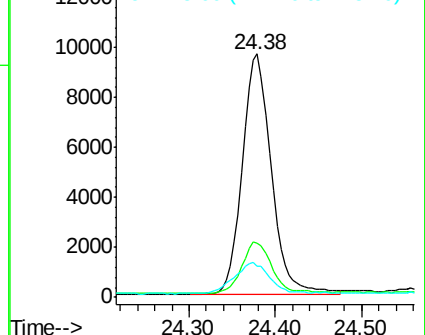
125 12.9 12.0 18.0



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: 0.343 ng

RT: 27.36 min Scan# 2758

Delta R.T. -0.07 min

Lab File: BE095047.D

Acq: 26 Dec 2017 9:39

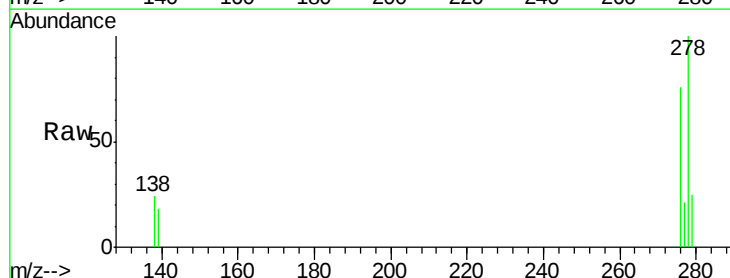
Tgt Ion: 278 Resp: 18008

Ion Ratio Lower Upper

278 100

139 17.5 16.0 24.0

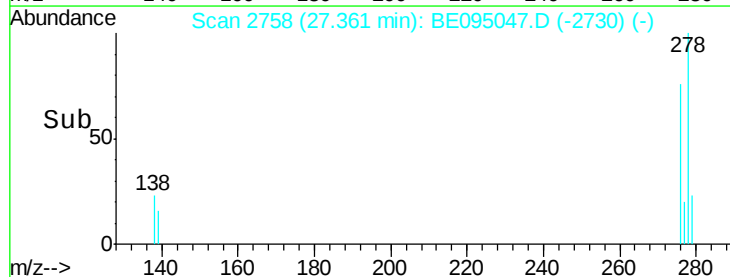
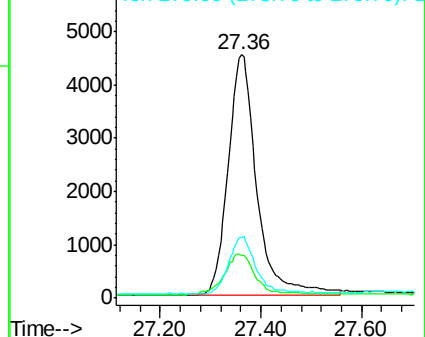
279 24.7 20.0 30.0

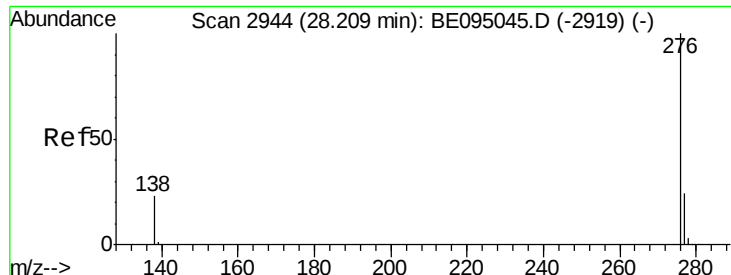


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.375 ng

RT: 28.22 min Scan# 2946

Delta R.T. -0.08 min

Lab File: BE095047.D

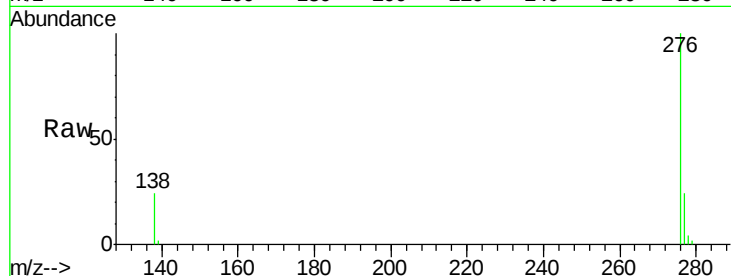
Acq: 26 Dec 2017 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 19600

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 24.2 20.0 30.0

