

Data File : BE093403.D
Acq On : 1 Jul 2017 22:22
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 03 05:13:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3073	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	15127	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9764	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	34037	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36921	0.40	ng	-0.01
34) Perylene-d12	23.94	264	32674	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	3655	0.38	ng	0.00
5) Phenol-d6	7.10	99	5396	0.38	ng	0.00
8) Nitrobenzene-d5	9.08	82	3939	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	9387	0.39	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.18	172	14639	0.38	ng	0.00
25) Fluoranthene-d10	19.29	212	134143	0.43	ng	0.00
29) Terphenyl-d14	19.88	244	27388	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	2377	0.37	ng	95
3) n-Nitrosodimethylamine	3.77	42	1317	0.40	ng	# 86
6) bis(2-Chloroethyl)ether	7.35	93	3930	0.39	ng	# 95
9) Naphthalene	10.77	128	61090	0.39	ng	# 73
10) Hexachlorobutadiene	11.08	225	2504	0.40	ng	97
12) 2-Methylnaphthalene	12.38	142	10386	0.39	ng	96
16) Acenaphthylene	14.26	152	15197	0.36	ng	# 86
17) Acenaphthene	14.60	154	11655	0.39	ng	98
18) Fluorene	15.59	166	16095	0.39	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	5802	0.70	ng	# 40
21) Hexachlorobenzene	16.58	284	7520	0.58	ng	# 100
22) Pentachlorophenol	16.91	266	903	0.65	ng	# 75
23) Phenanthrene	17.30	178	42594	0.52	ng	99
24) Anthracene	17.40	178	28168	0.34	ng	94
26) Fluoranthene	19.32	202	38123	0.43	ng	99
28) Pyrene	19.68	202	39123	0.40	ng	# 99
30) Benzo(a)anthracene	21.40	228	38585	0.38	ng	# 92
31) Chrysene	21.46	228	41891	0.40	ng	93
32) Bis(2-ethylhexyl)phthalate	21.34	149	51989	0.35	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.59	276	40164	0.39	ng	# 90
35) Benzo(b)fluoranthene	23.17	252	39658	0.39	ng	# 94
36) Benzo(k)fluoranthene	23.22	252	39752	0.39	ng	# 94
37) Benzo(a)pyrene	23.82	252	34526	0.38	ng	# 94
38) Dibenzo(a,h)anthracene	26.61	278	35908	0.39	ng	# 88
39) Benzo(g,h,i)perylene	27.40	276	36588	0.39	ng	# 89

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

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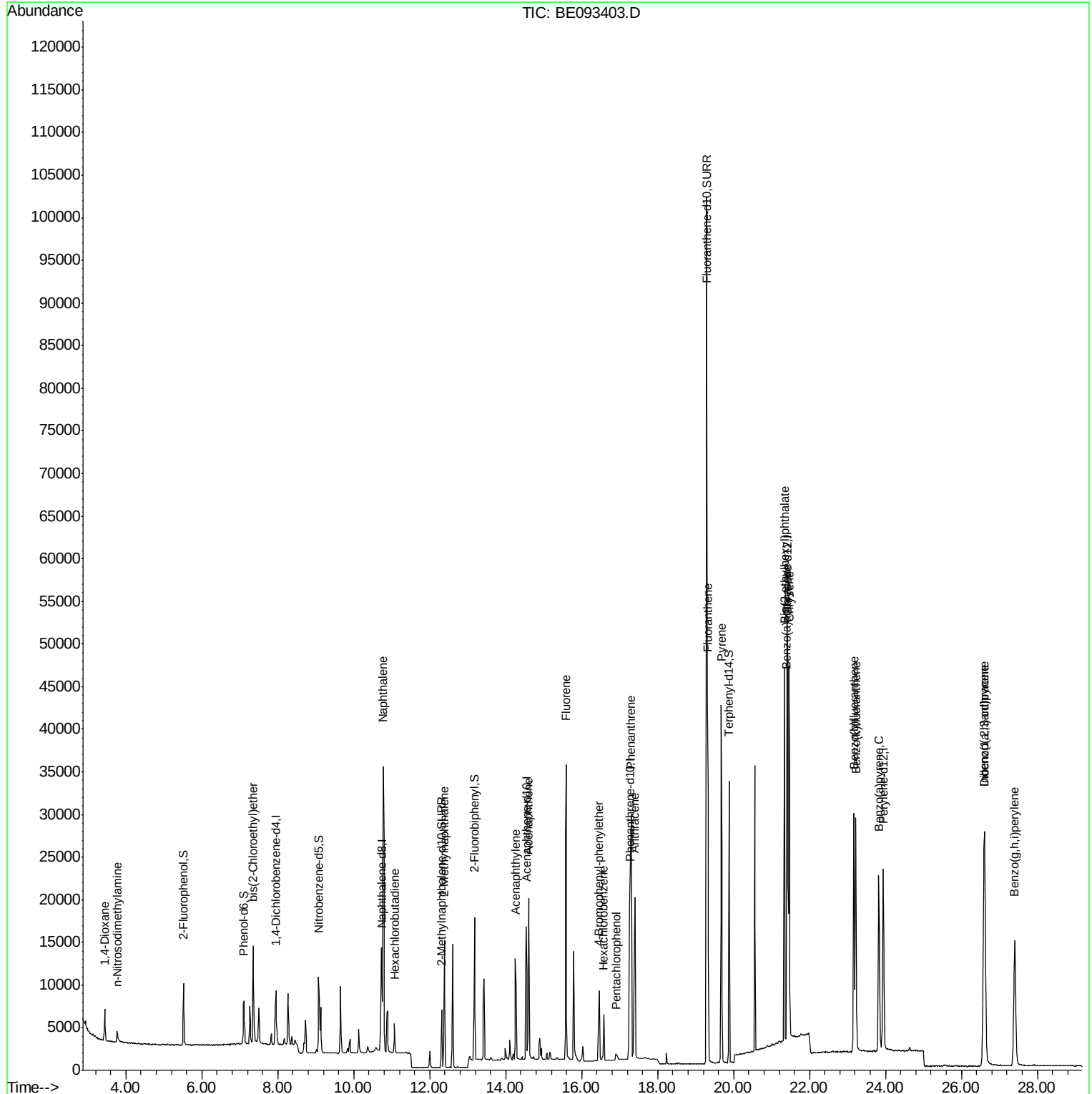
Quant Time: Jul 03 05:13:04 2017

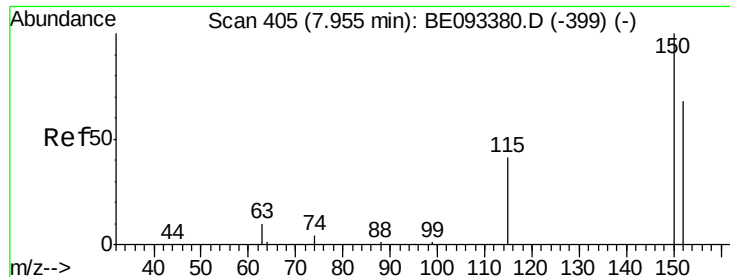
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.95 min Scan# 404

Delta R.T. -0.01 min

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Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

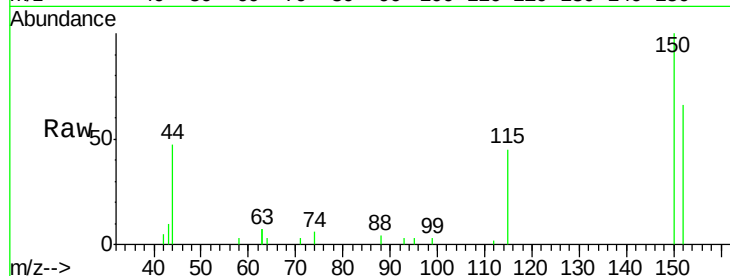
Tgt Ion:152 Resp: 3073

Ion Ratio Lower Upper

152 100

150 152.1 125.1 187.7

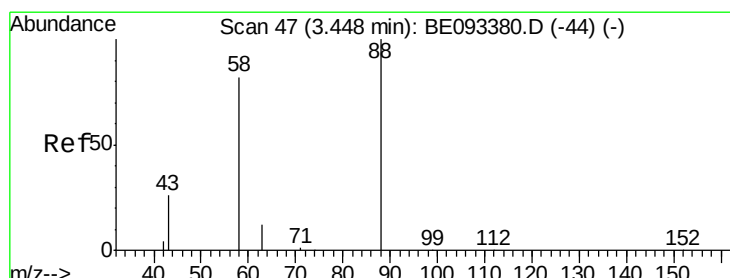
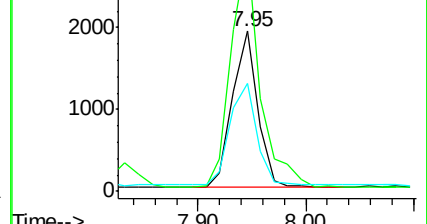
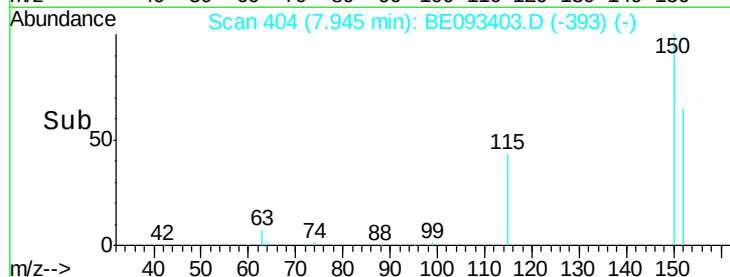
115 67.7 55.7 83.5



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: 0.37 ng

RT: 3.44 min Scan# 46

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

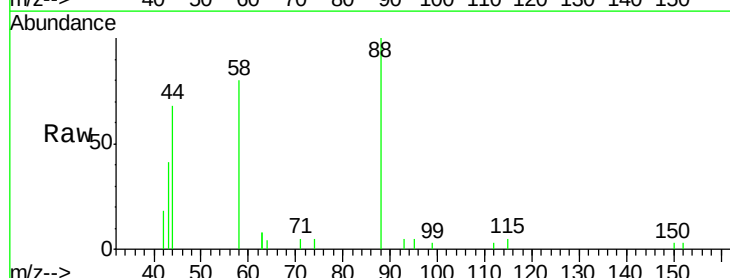
Tgt Ion: 88 Resp: 2377

Ion Ratio Lower Upper

88 100

58 83.7 62.2 93.4

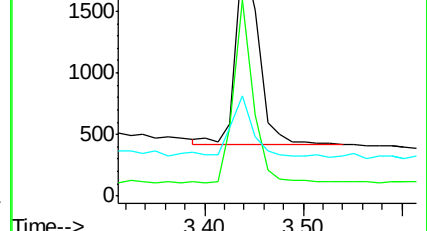
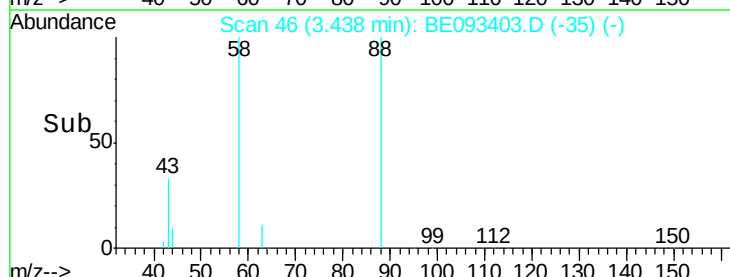
43 29.2 23.2 34.8

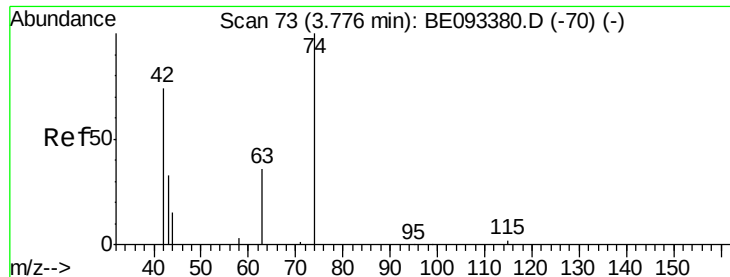


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.77 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

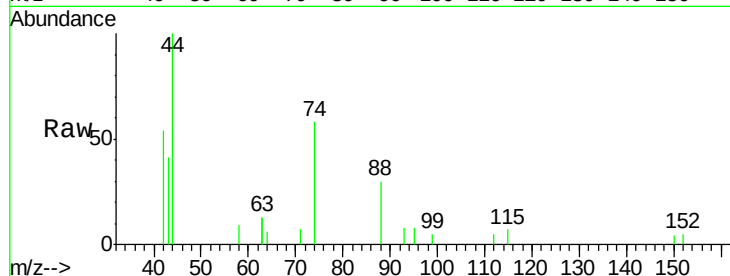
Tgt Ion: 42 Resp: 1317

Ion Ratio Lower Upper

42 100

74 138.6 99.1 148.7

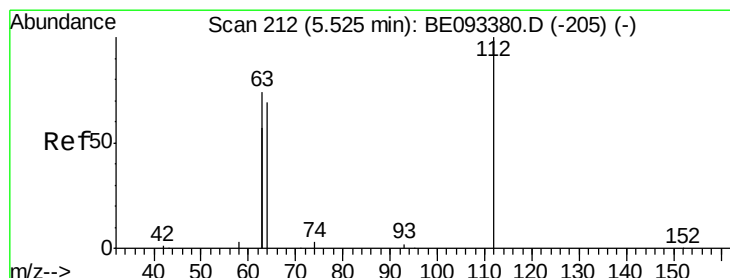
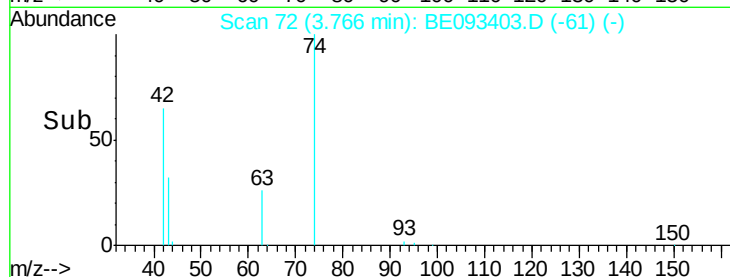
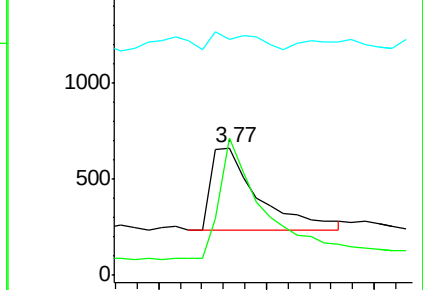
44 17.7 7.4 11.2#



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: 0.38 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

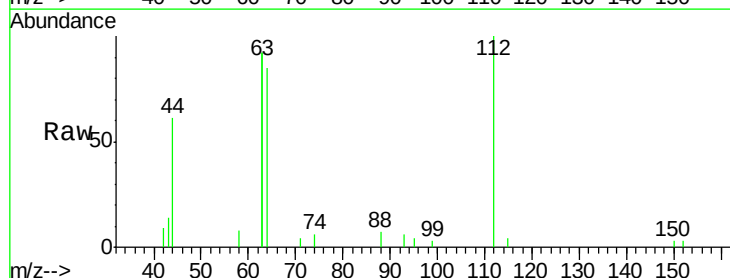
Tgt Ion: 112 Resp: 3655

Ion Ratio Lower Upper

112 100

64 72.0 56.4 84.6

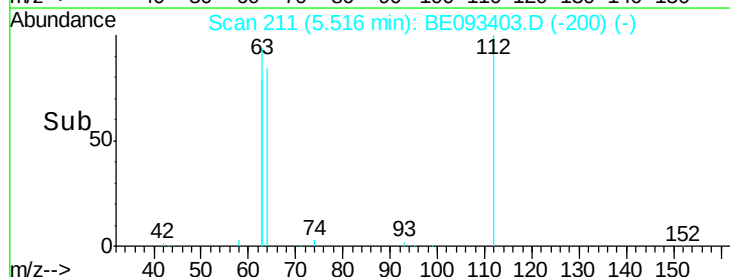
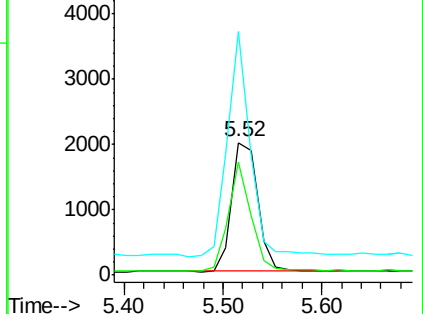
63 150.5 29.3 43.9#

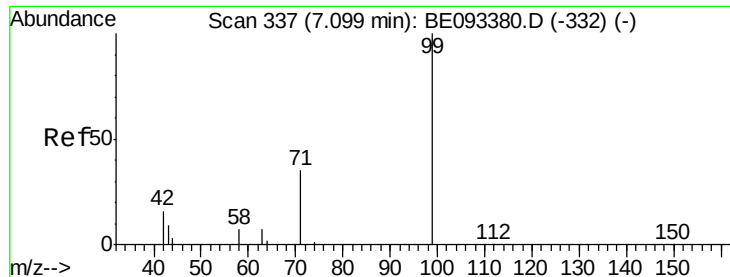


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.38 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

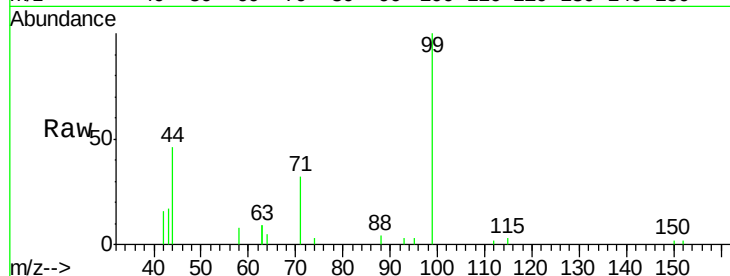
Tgt Ion: 99 Resp: 5396

Ion Ratio Lower Upper

99 100

42 21.3 0.0 0.0#

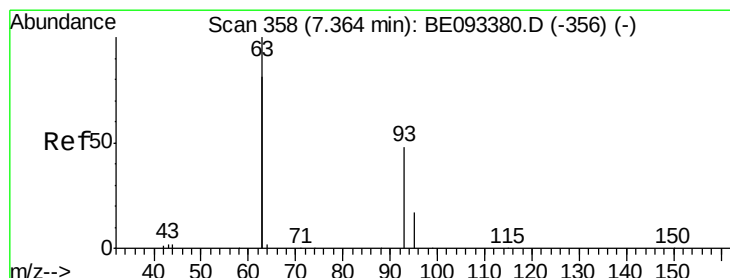
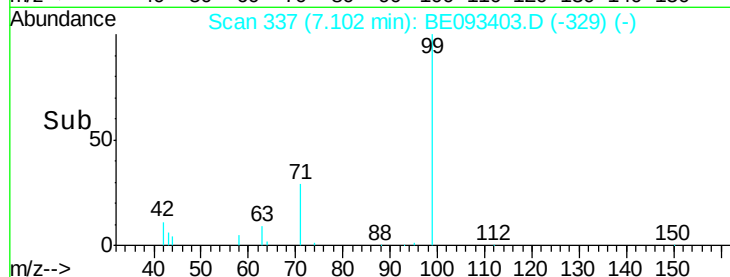
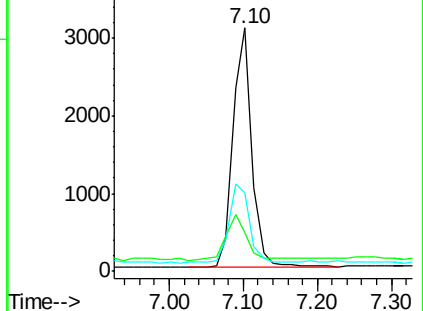
71 36.2 0.0 0.0#



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: 0.39 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

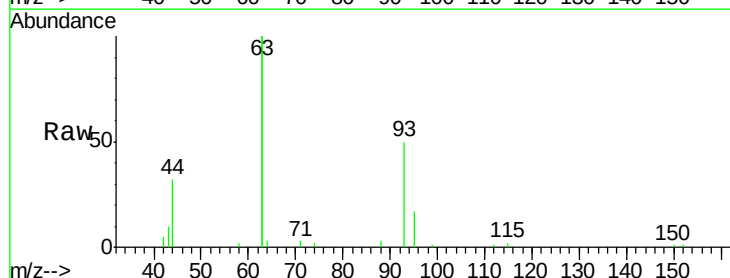
Tgt Ion: 93 Resp: 3930

Ion Ratio Lower Upper

93 100

63 358.1 0.0 0.0#

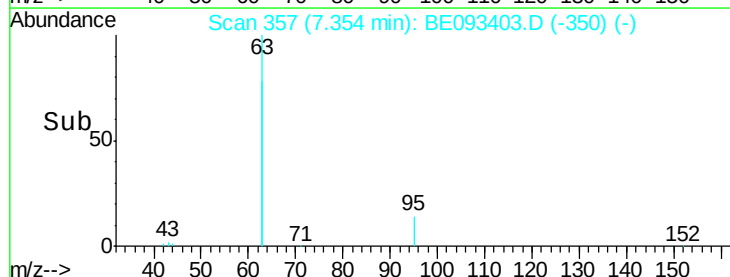
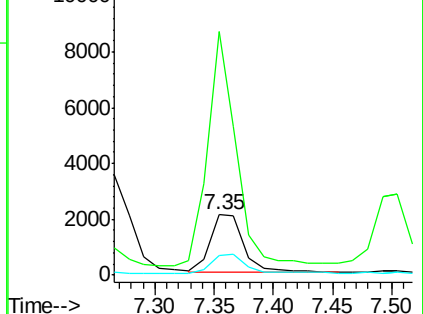
95 34.2 25.4 38.0

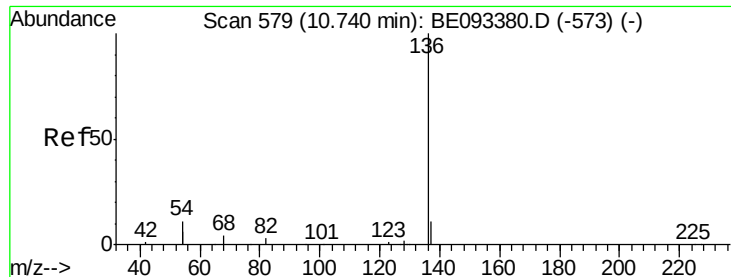


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 15127

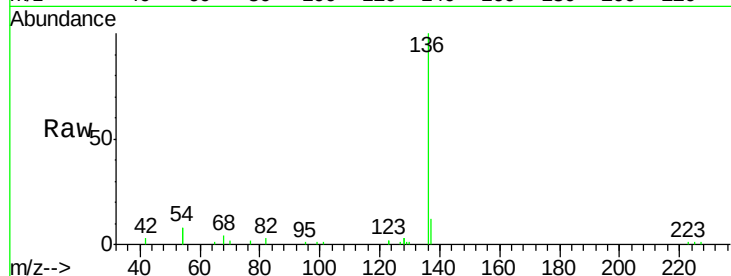
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 16.1 10.3 15.5#

68 3.9 9.0 13.4#

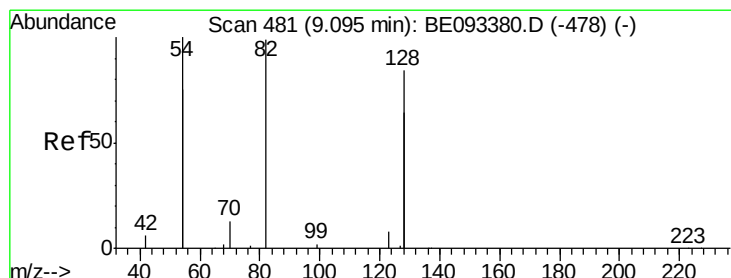
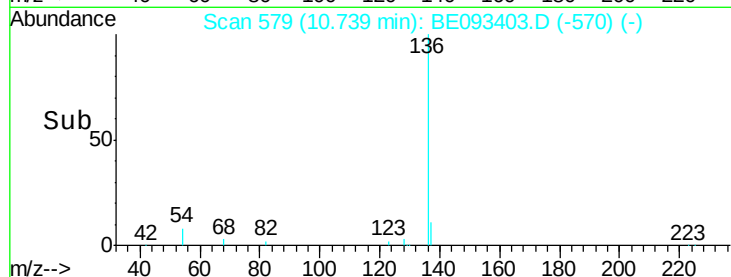
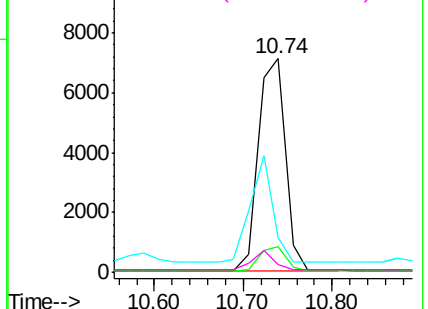


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

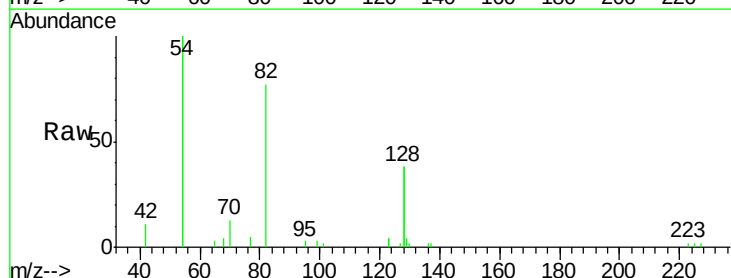
Tgt Ion: 82 Resp: 3939

Ion Ratio Lower Upper

82 100

128 97.1 17.0 25.4#

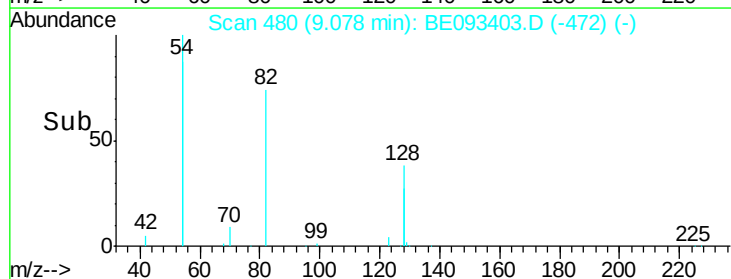
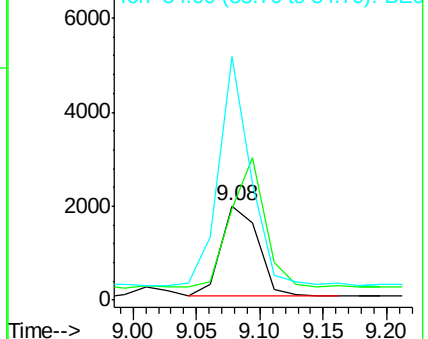
54 258.7 53.8 80.6#

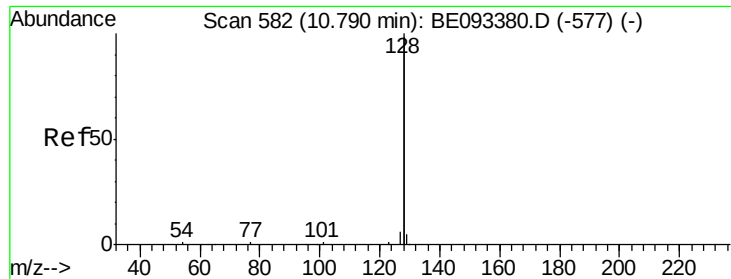


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

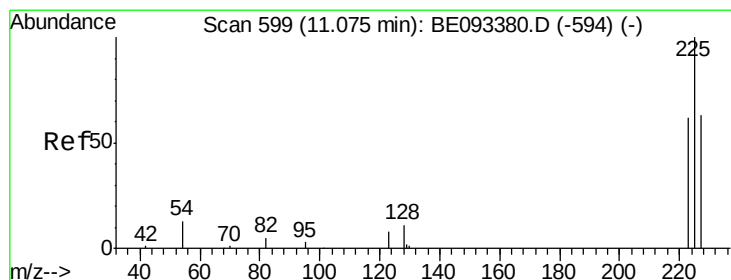
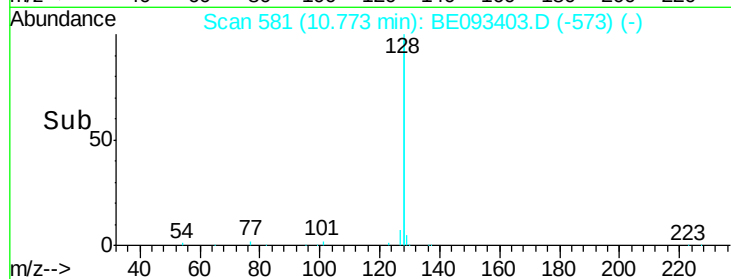
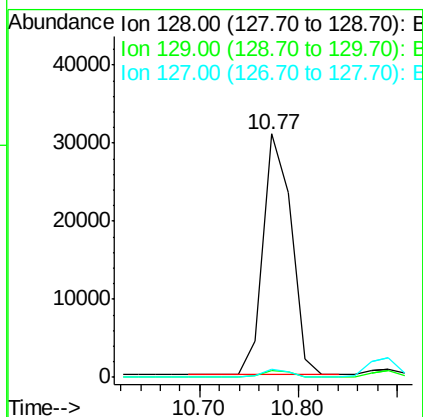
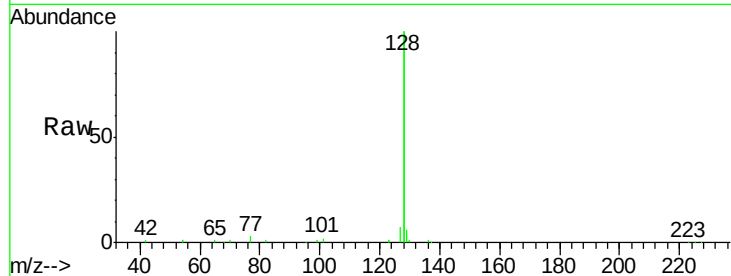




#9
Naphthalene
Concen: 0.39 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.02 min
Lab File: BE093403.D
Acq: 1 Jul 2017 22:22

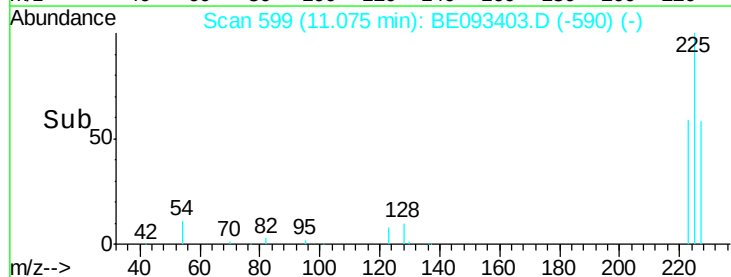
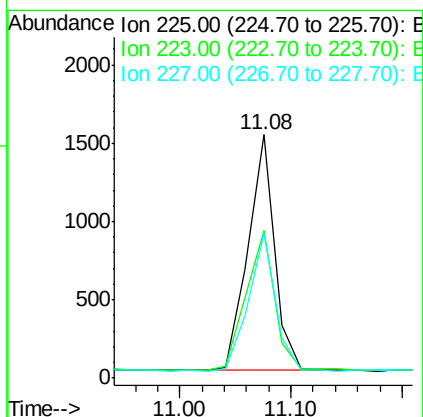
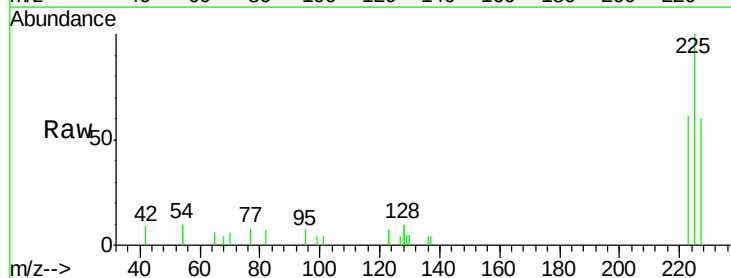
Instrument :
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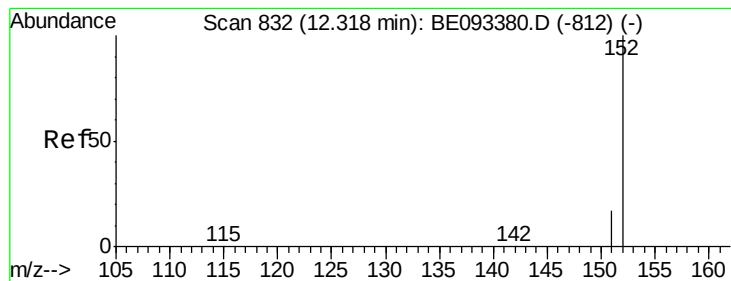
Tgt Ion:128 Resp: 61090
Ion Ratio Lower Upper
128 100
129 2.8 11.4 17.0#
127 3.5 11.2 16.8#



#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.08 min Scan# 599
Delta R.T. -0.00 min
Lab File: BE093403.D
Acq: 1 Jul 2017 22:22

Tgt Ion:225 Resp: 2504
Ion Ratio Lower Upper
225 100
223 63.2 49.7 74.5
227 59.0 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

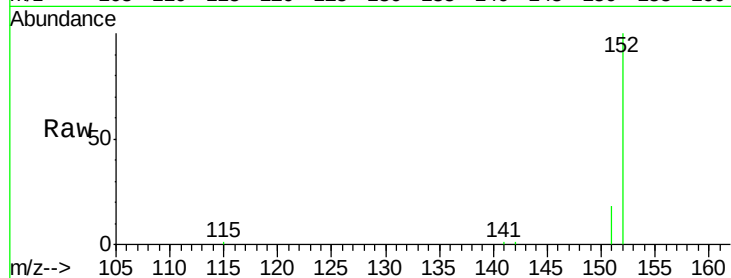
SSTDCCC0.4

Tgt Ion:152 Resp: 9387

Ion Ratio Lower Upper

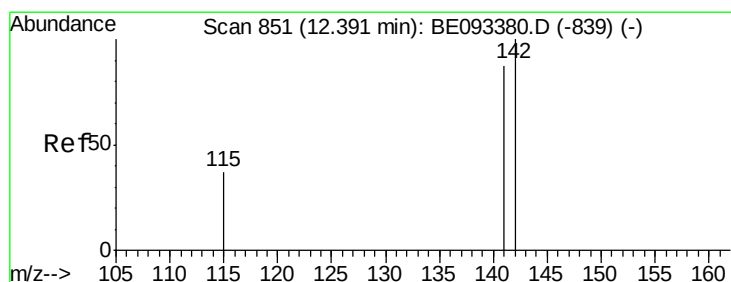
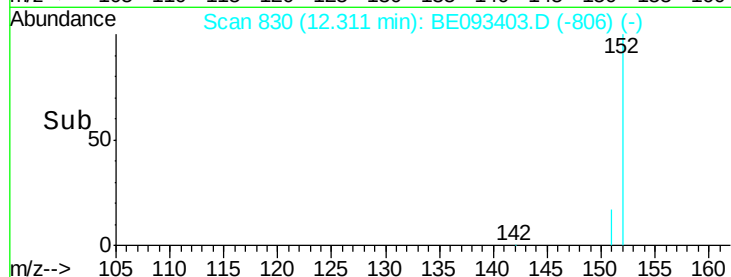
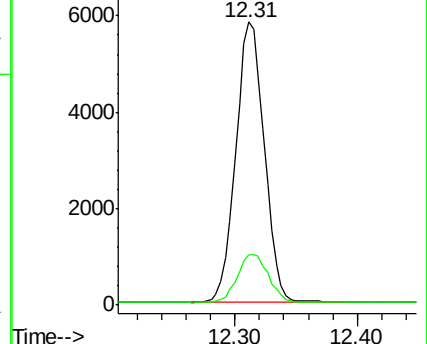
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.38 min Scan# 849

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

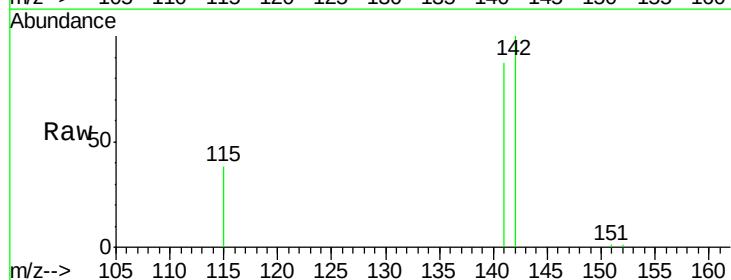
Tgt Ion:142 Resp: 10386

Ion Ratio Lower Upper

142 100

141 87.2 72.6 108.8

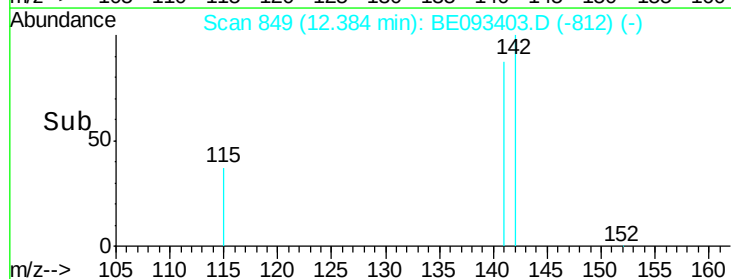
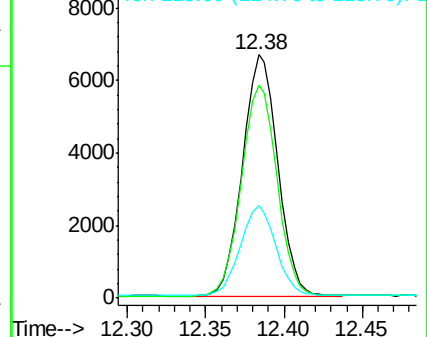
115 38.2 32.2 48.2

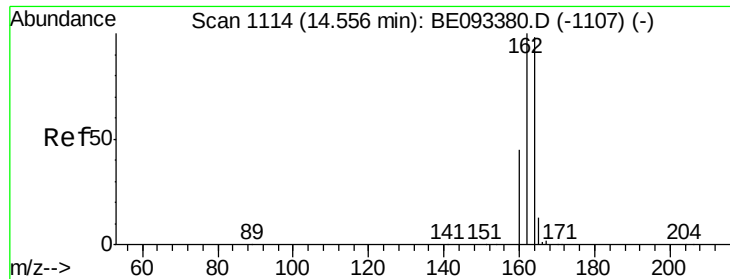


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

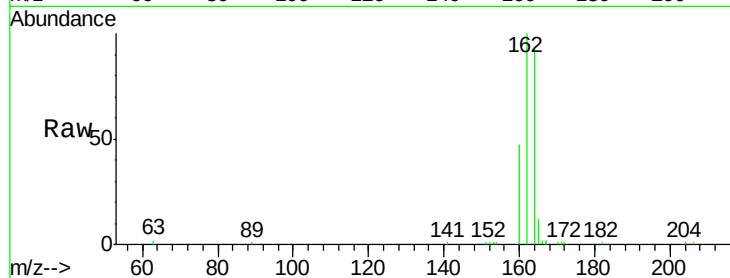
Tgt Ion: 164 Resp: 9764

Ion Ratio Lower Upper

164 100

162 107.5 84.6 127.0

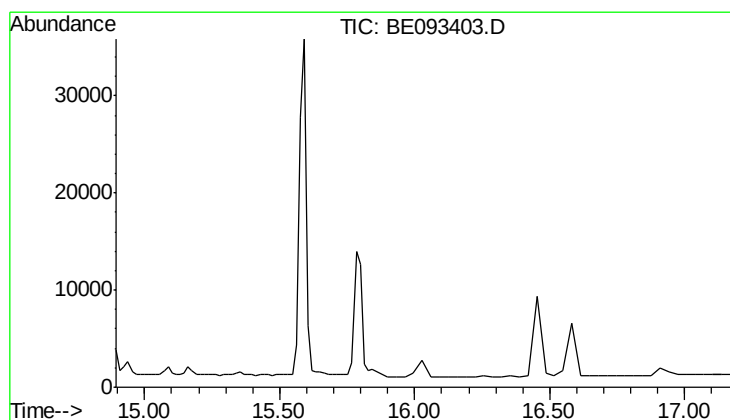
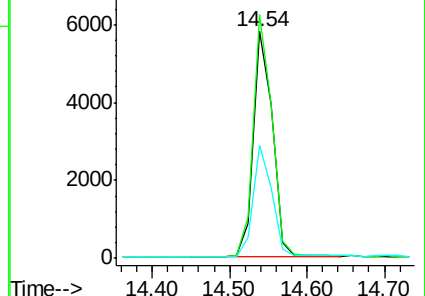
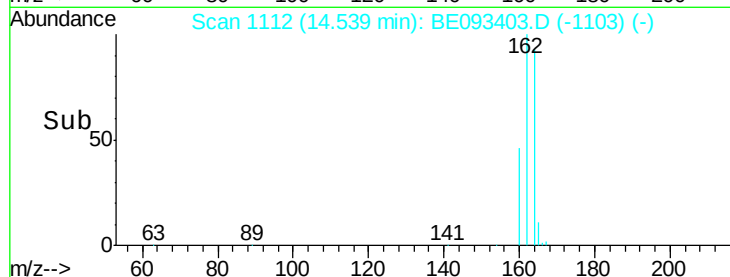
160 50.2 41.8 62.6



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: 0.00 ng

Expected RT: 16.03 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

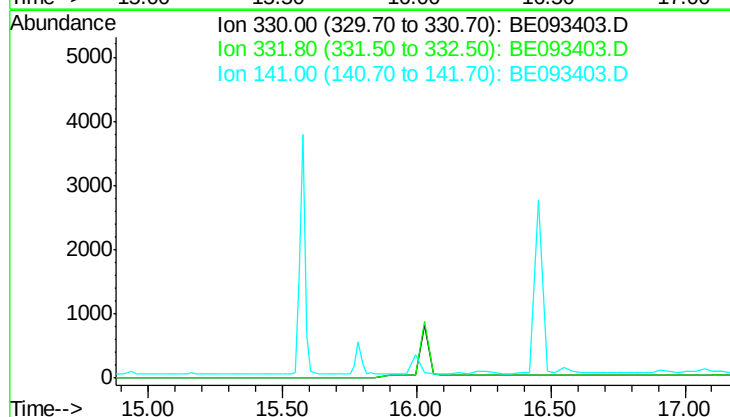
Tgt Ion: 330

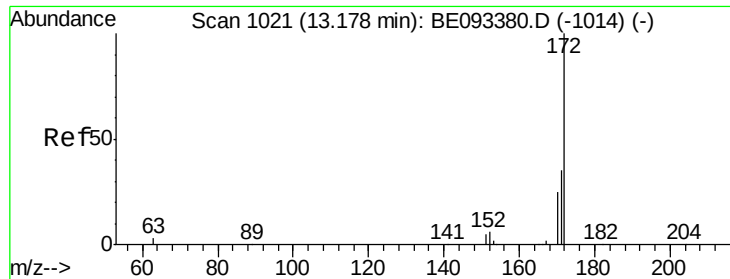
Sig Exp Ratio

330 100

332 97.1

141 70.3

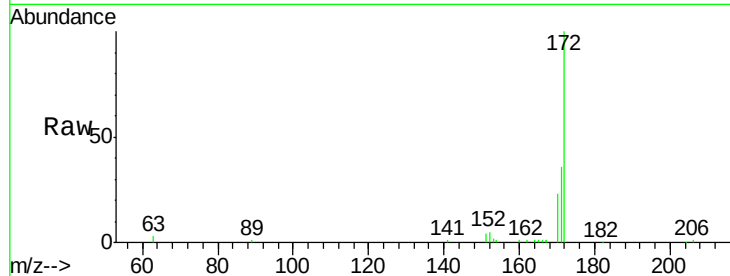




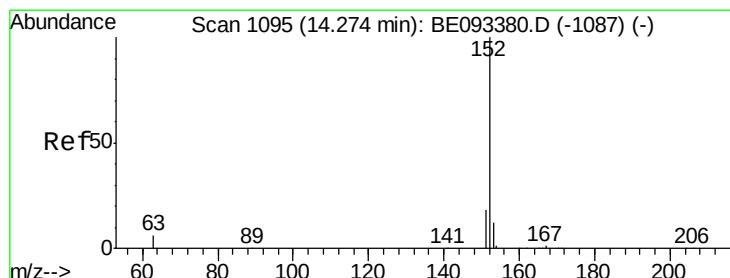
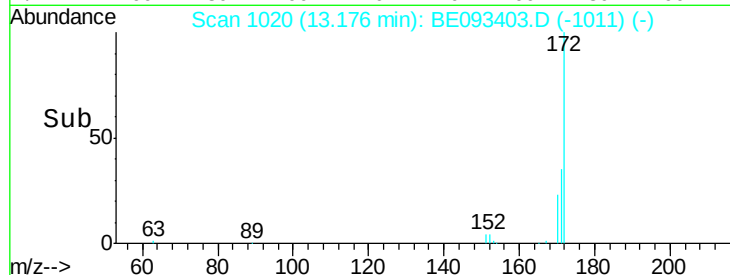
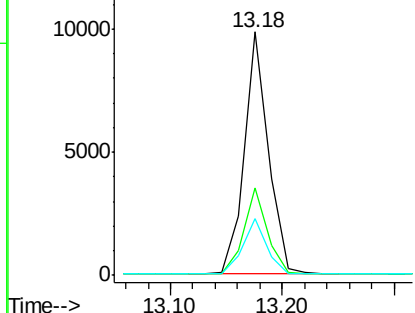
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093403.D
Acq: 1 Jul 2017 22:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14639
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 23.1 20.7 31.1

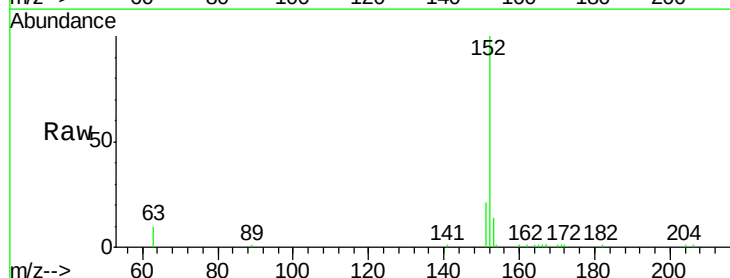


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

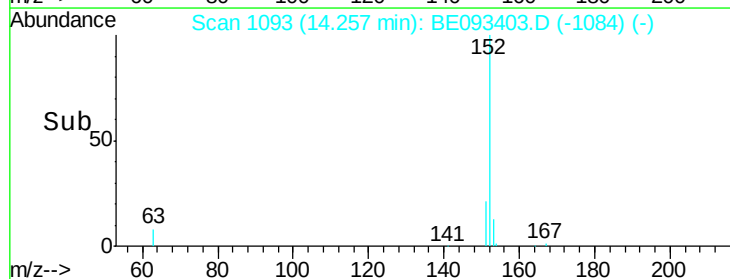
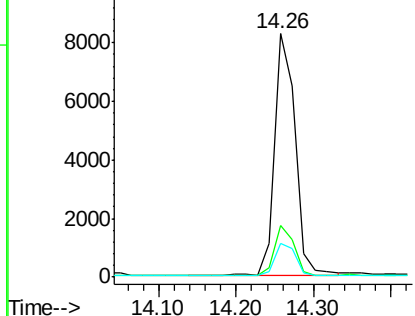


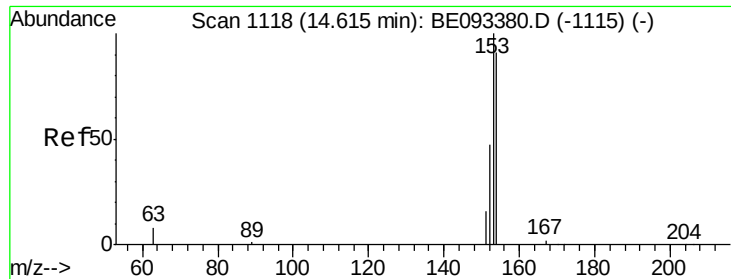
#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE093403.D
Acq: 1 Jul 2017 22:22

Tgt Ion:152 Resp: 15197
Ion Ratio Lower Upper
152 100
151 20.0 4.0 6.0#
153 13.6 10.3 15.5



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

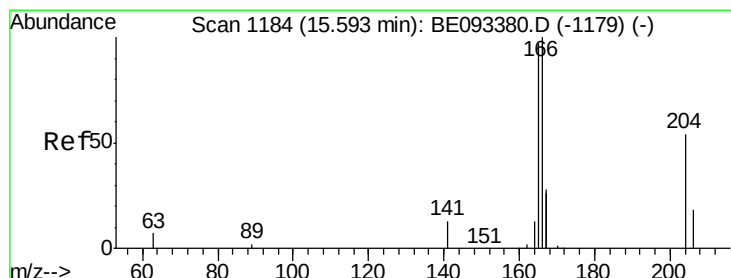
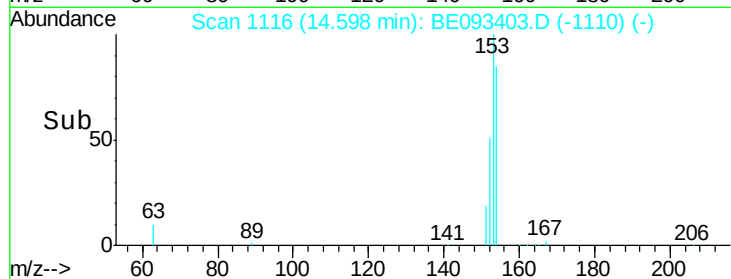
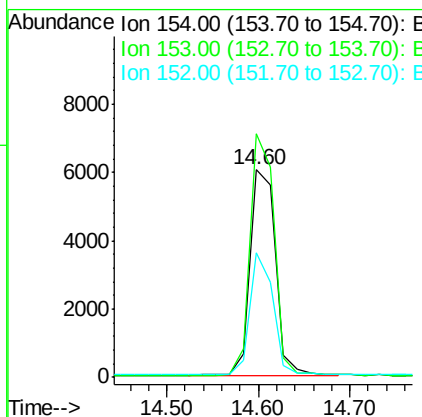
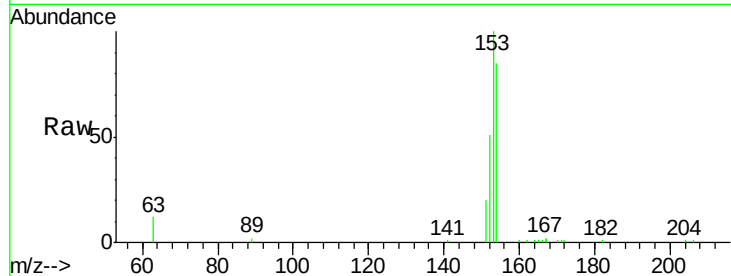




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BE093403.D
Acq: 1 Jul 2017 22:22

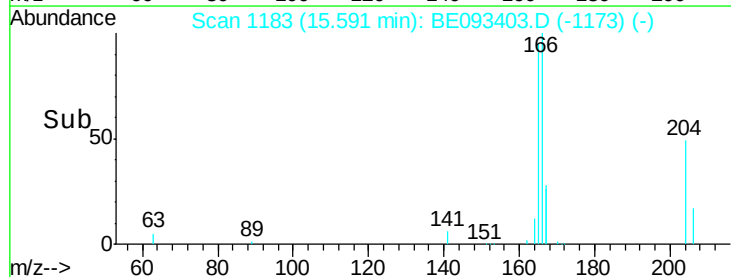
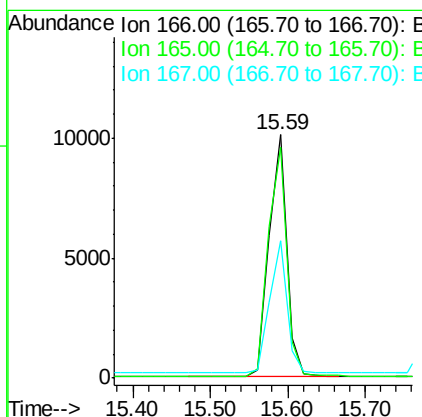
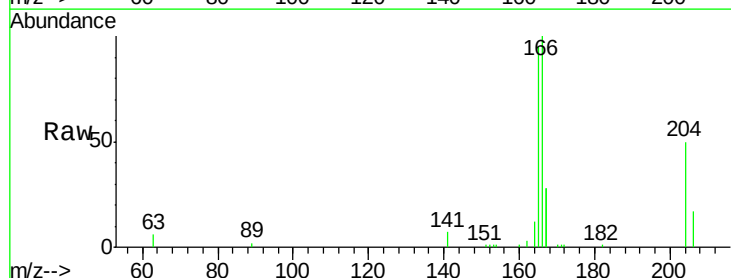
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

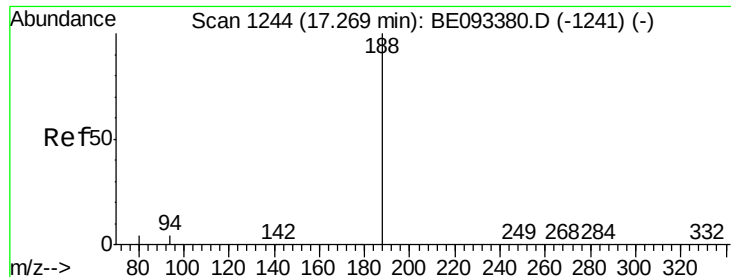
Tgt Ion:154 Resp: 11655
Ion Ratio Lower Upper
154 100
153 112.3 91.2 136.8
152 54.0 44.8 67.2



#18
Fluorene
Concen: 0.39 ng
RT: 15.59 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE093403.D
Acq: 1 Jul 2017 22:22

Tgt Ion:166 Resp: 16095
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 53.3 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

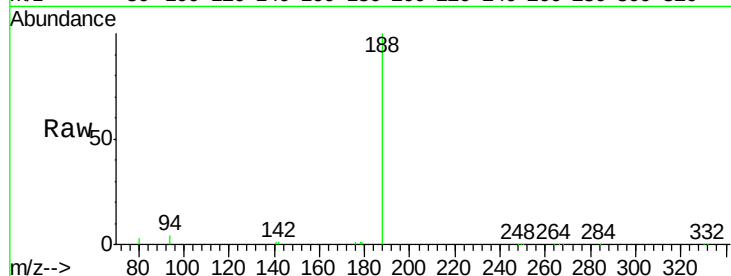
Tgt Ion:188 Resp: 34037

Ion Ratio Lower Upper

188 100

94 3.8 11.3 16.9#

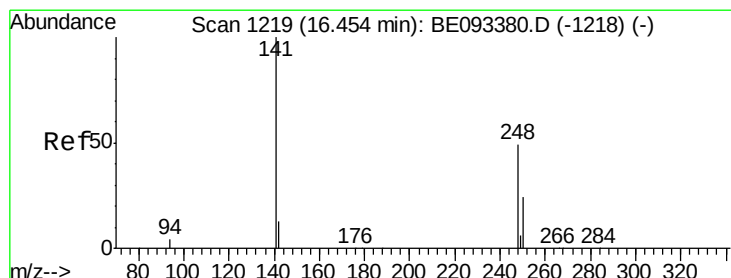
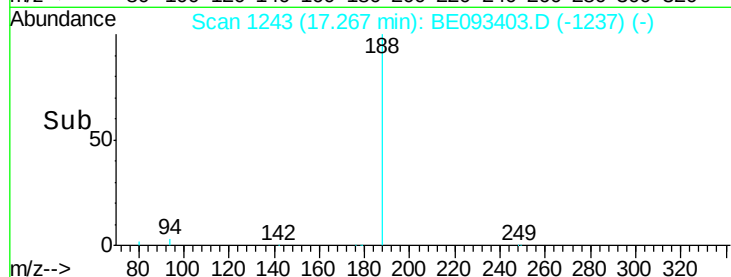
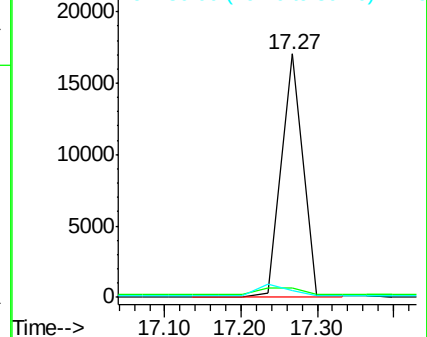
80 3.0 11.7 17.5#



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: 0.70 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

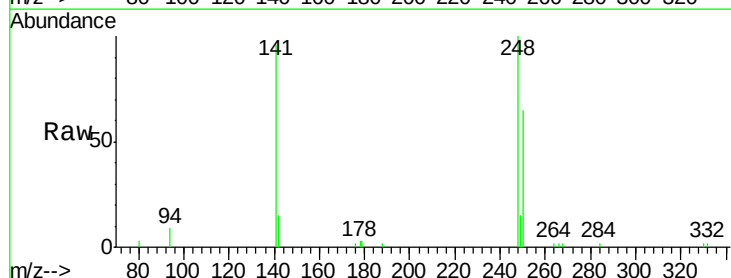
Tgt Ion:248 Resp: 5802

Ion Ratio Lower Upper

248 100

250 65.0 40.8 61.2#

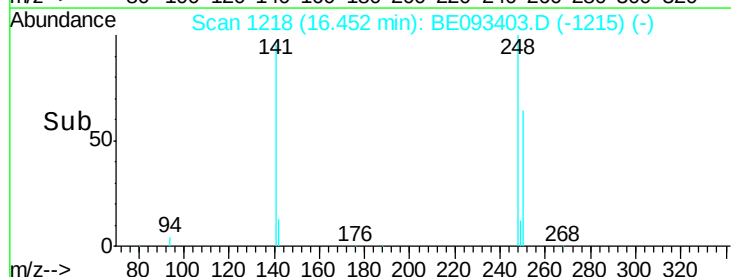
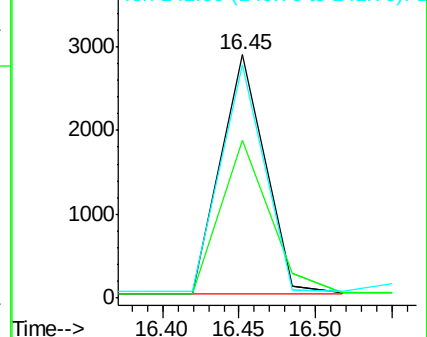
141 95.8 161.6 242.4#

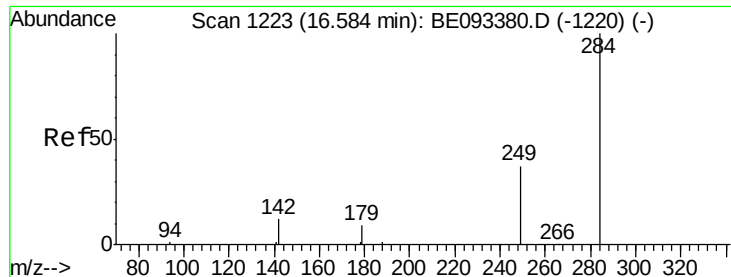


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.58 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

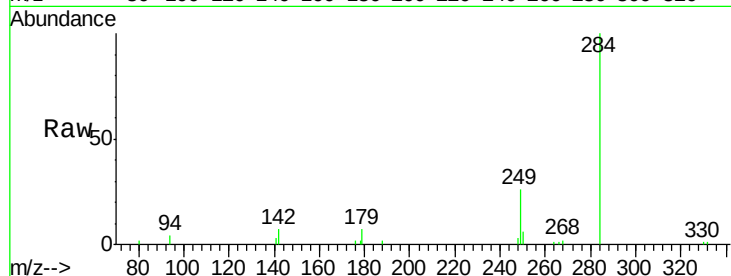
Tgt Ion:284 Resp: 7520

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

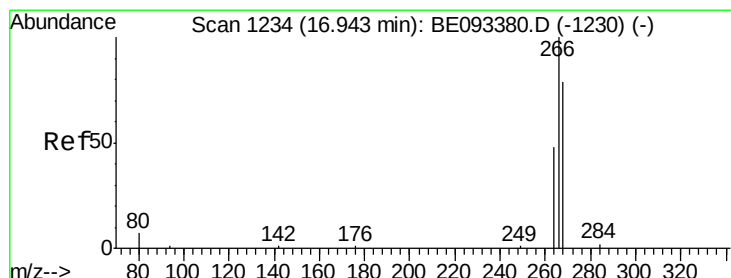
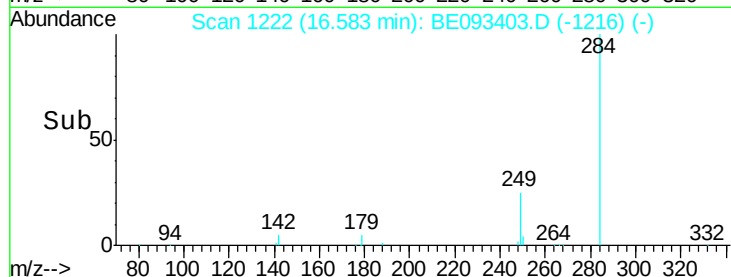
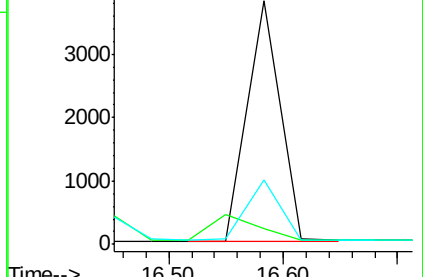
249 25.3 0.0 0.0#



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: 0.65 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

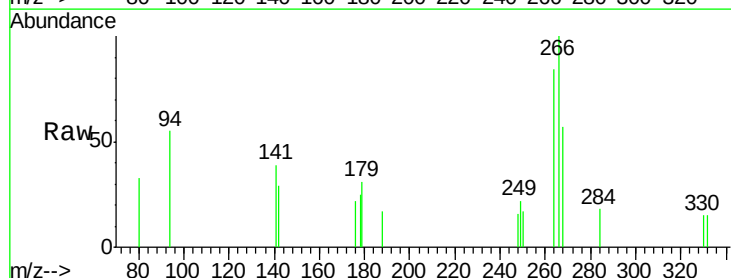
Tgt Ion:266 Resp: 903

Ion Ratio Lower Upper

266 100

264 84.1 58.2 87.2

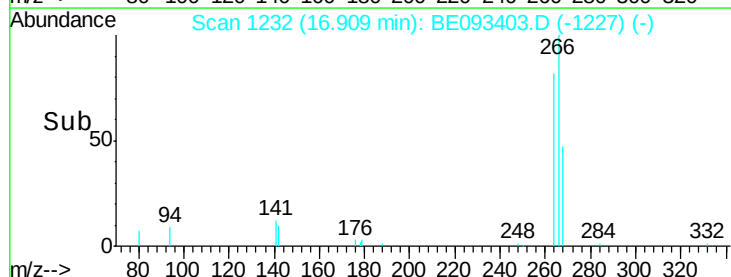
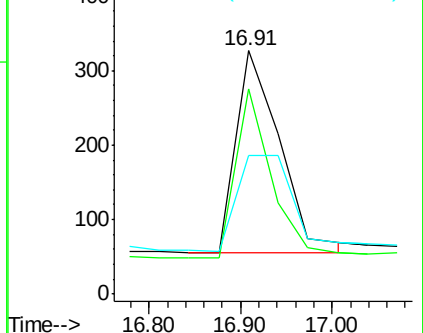
268 57.2 71.9 107.9#

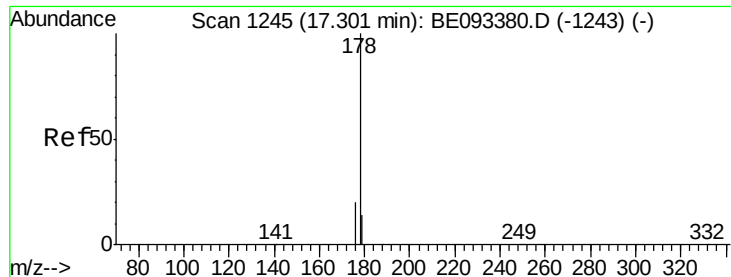


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.52 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

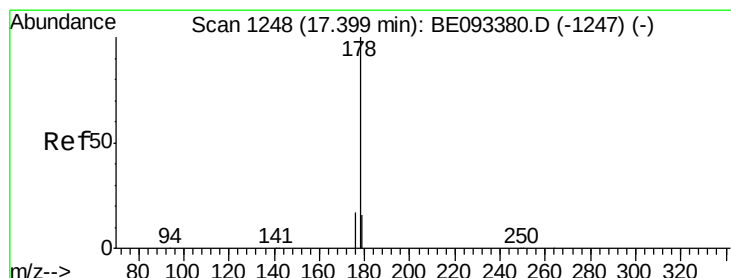
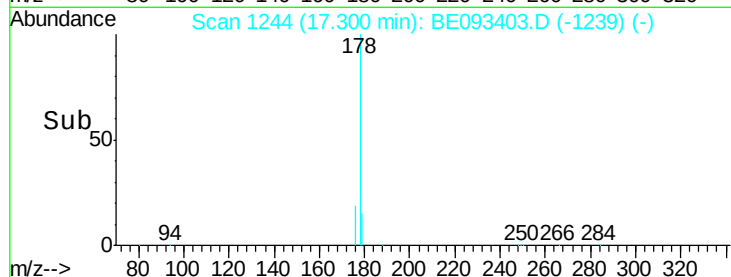
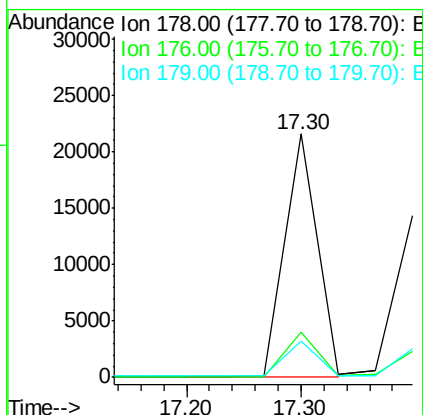
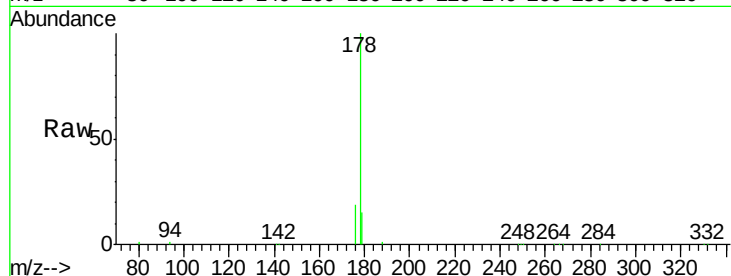
Tgt Ion:178 Resp: 42594

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 14.8 12.7 19.1



#24

Anthracene

Concen: 0.34 ng

RT: 17.40 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

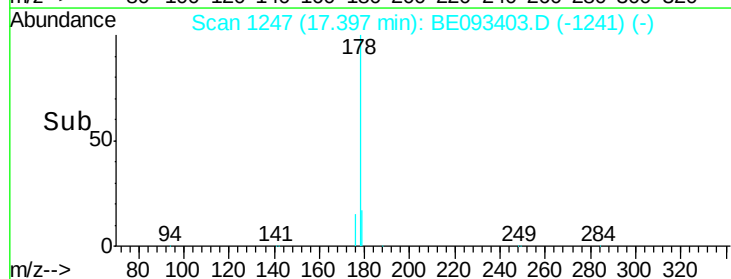
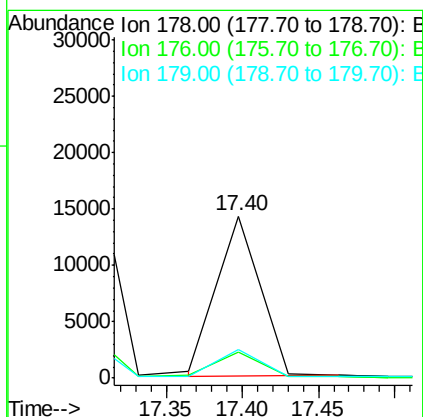
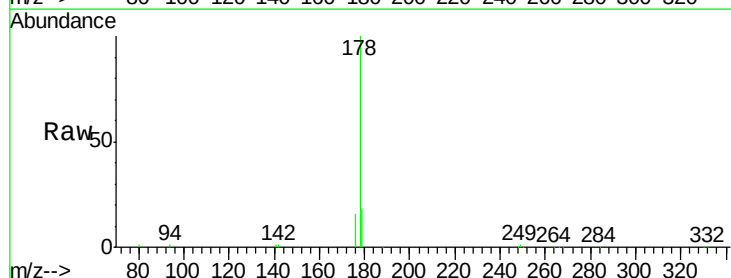
Tgt Ion:178 Resp: 28168

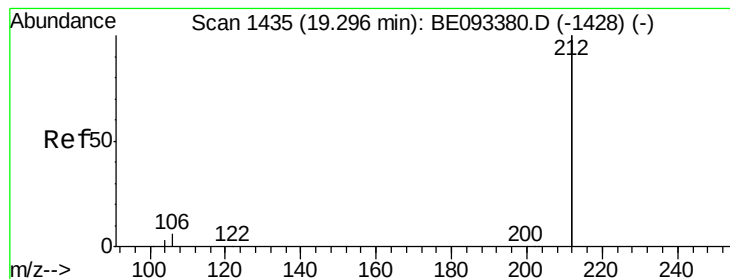
Ion Ratio Lower Upper

178 100

176 15.3 14.6 22.0

179 17.1 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.43 ng

RT: 19.29 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

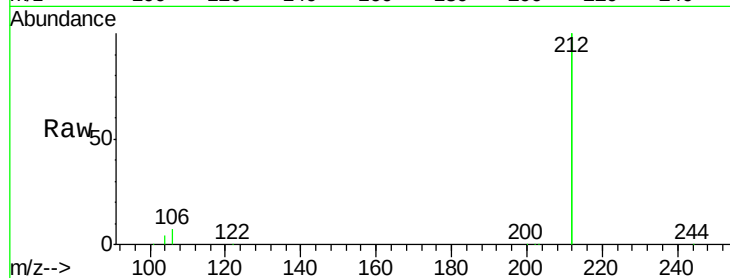
Tgt Ion:212 Resp: 134143

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

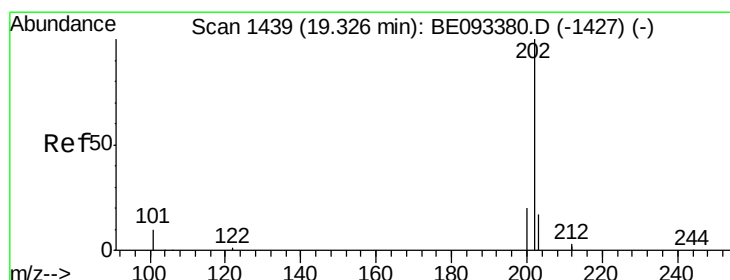
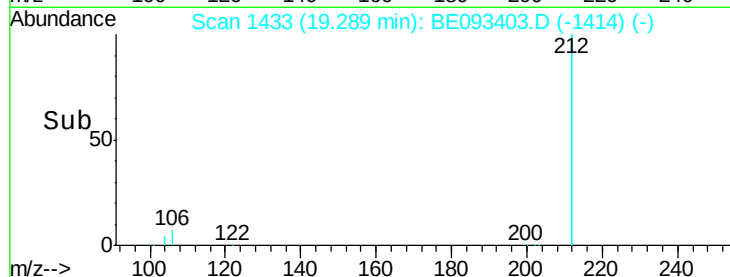
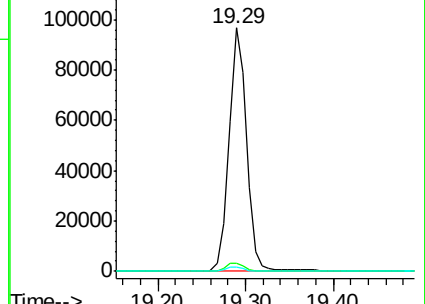
104 2.0 1.6 2.4



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: 0.43 ng

RT: 19.32 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

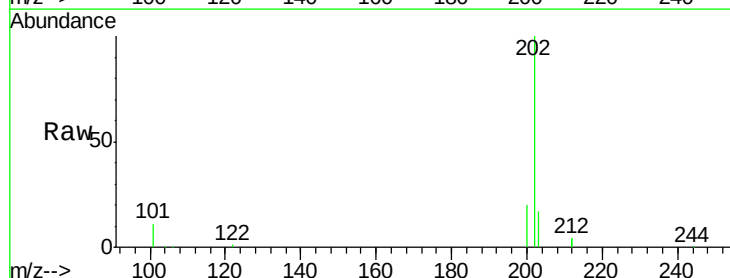
Tgt Ion:202 Resp: 38123

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

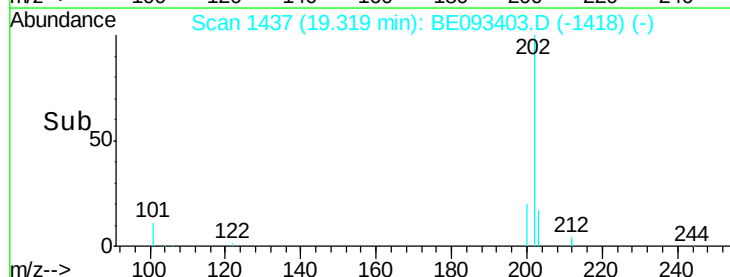
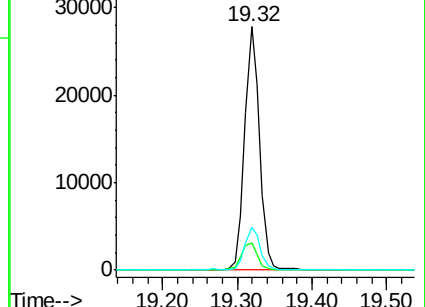
203 17.2 14.4 21.6

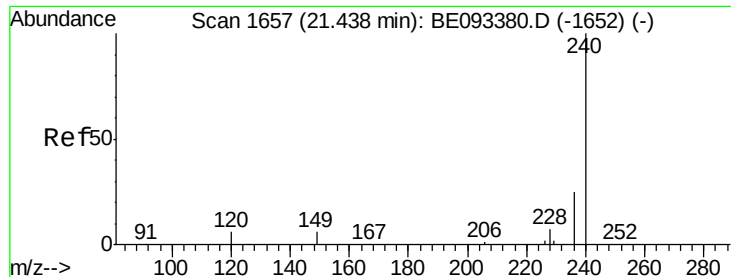


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

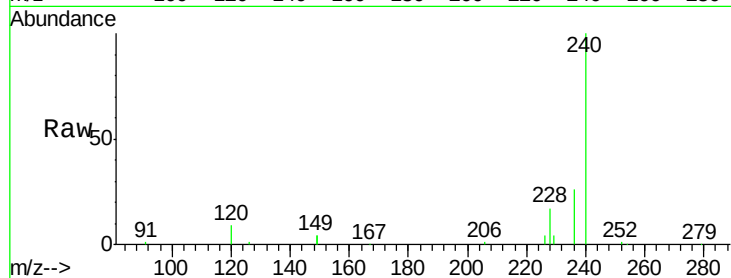
Tgt Ion:240 Resp: 36921

Ion Ratio Lower Upper

240 100

120 9.3 4.6 7.0#

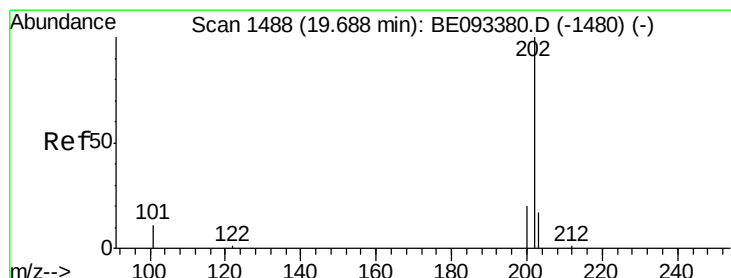
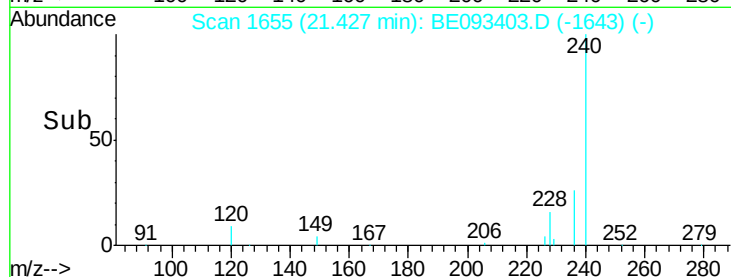
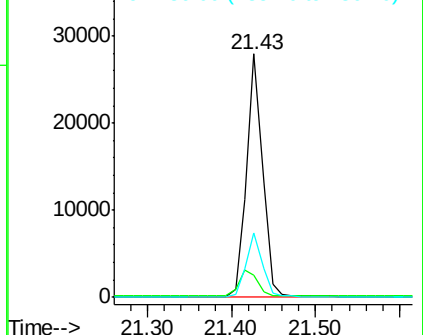
236 26.5 20.8 31.2



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: 0.40 ng

RT: 19.68 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

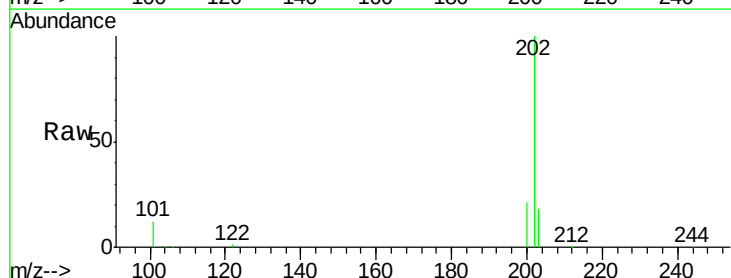
Tgt Ion:202 Resp: 39123

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

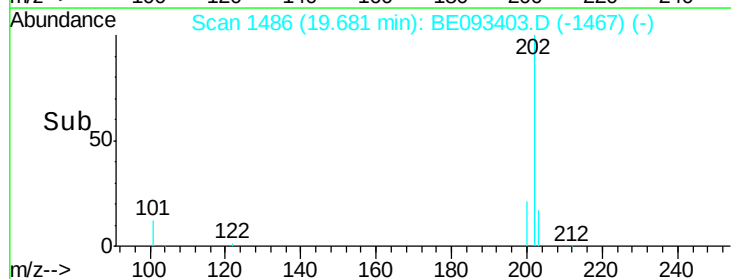
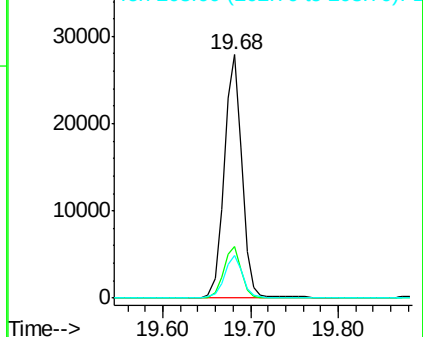
203 17.4 13.7 20.5

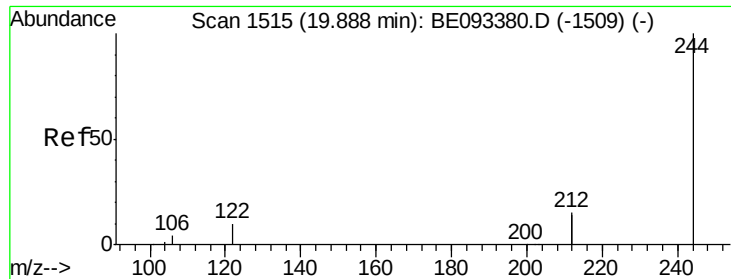


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 19.88 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

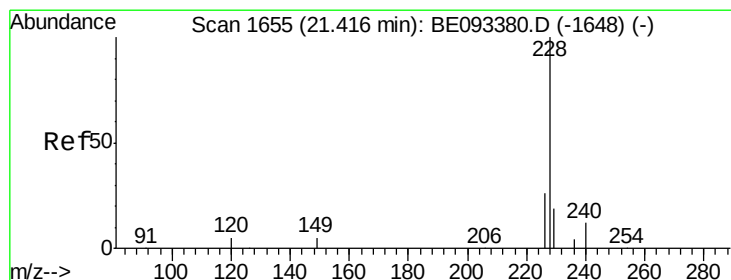
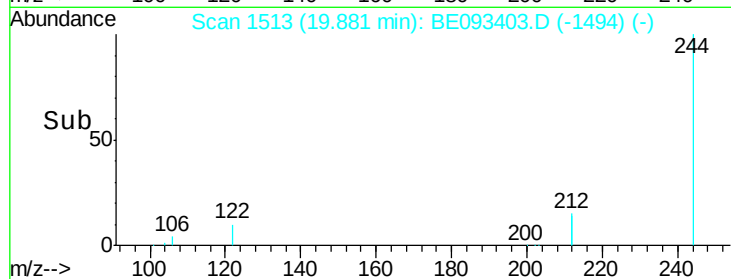
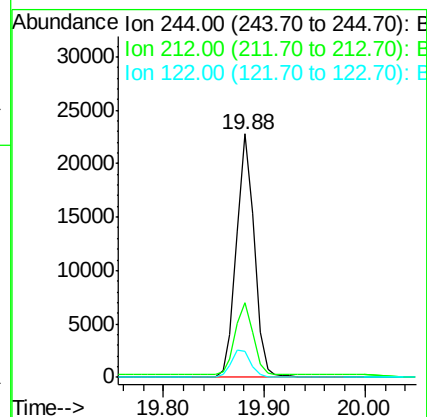
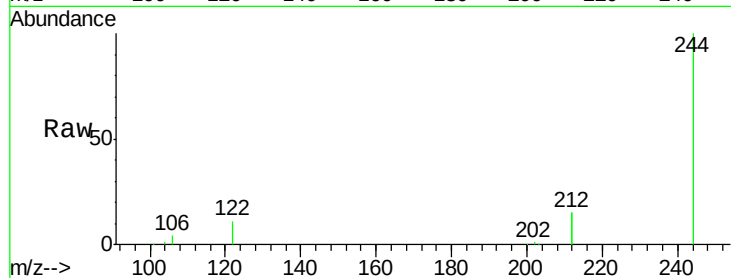
Tgt Ion:244 Resp: 27388

Ion Ratio Lower Upper

244 100

212 30.9 10.6 16.0#

122 10.6 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

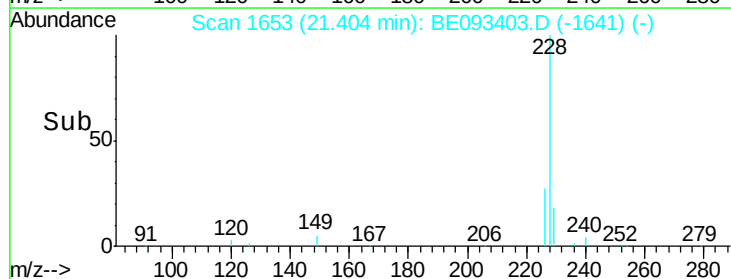
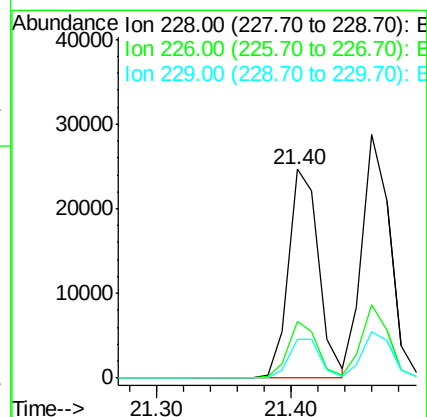
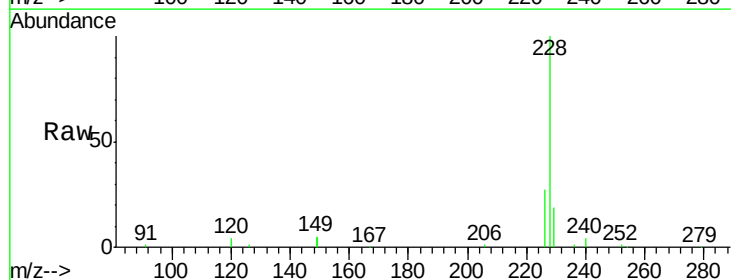
Tgt Ion:228 Resp: 38585

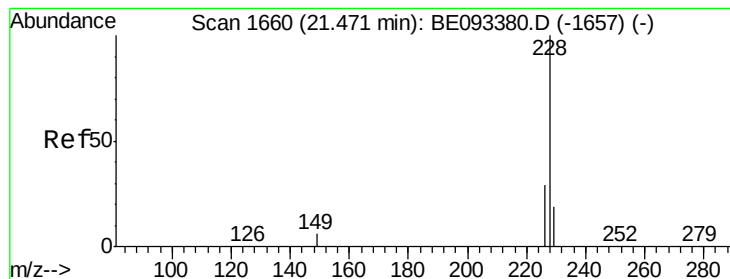
Ion Ratio Lower Upper

228 100

226 27.4 19.7 29.5

229 18.6 19.2 28.8#





#31

Chrysene

Concen: 0.40 ng

RT: 21.46 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

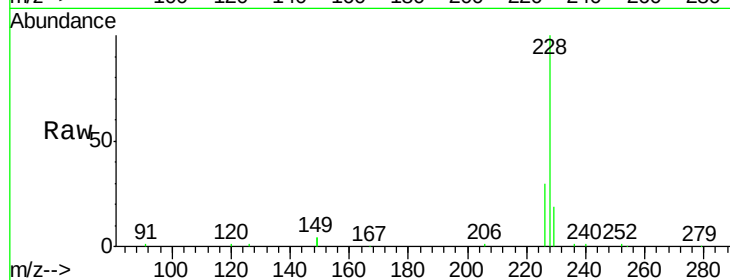
Tgt Ion:228 Resp: 41891

Ion Ratio Lower Upper

228 100

226 30.1 21.5 32.3

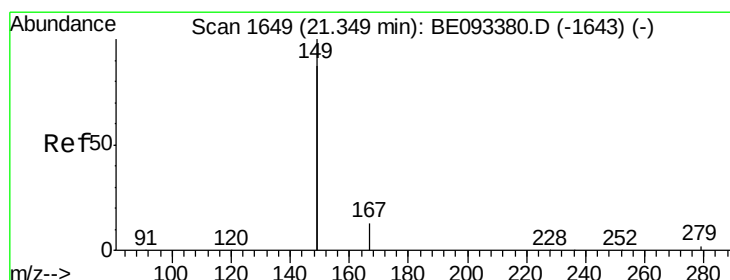
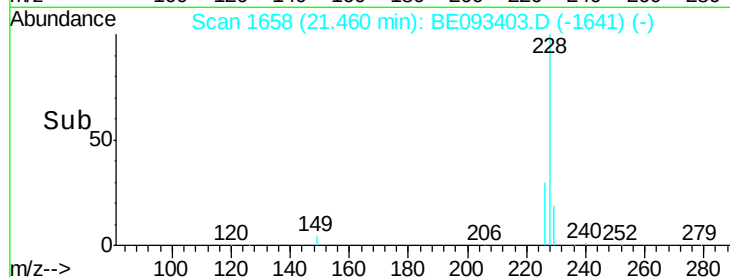
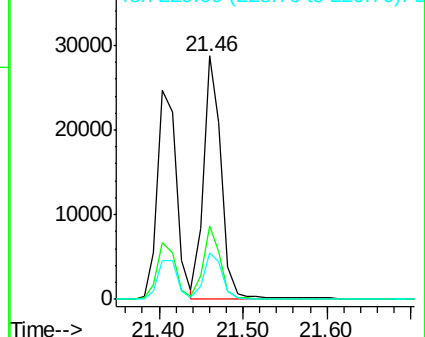
229 19.3 18.6 28.0



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: 0.35 ng

RT: 21.34 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

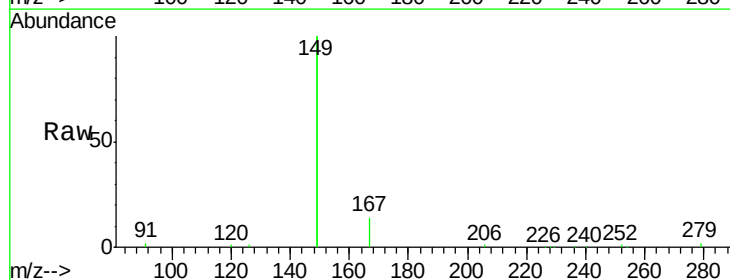
Tgt Ion:149 Resp: 51989

Ion Ratio Lower Upper

149 100

167 6.5 20.1 30.1#

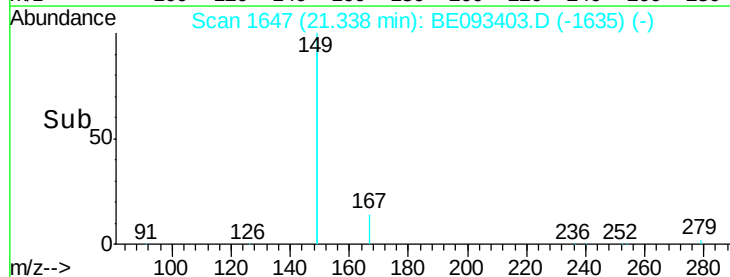
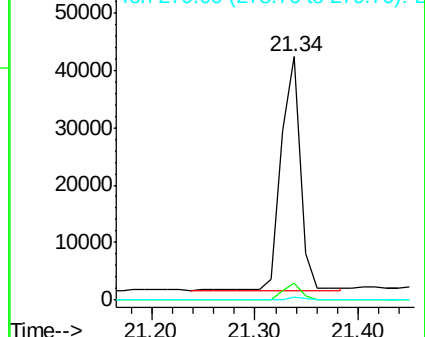
279 1.0 2.2 3.4#

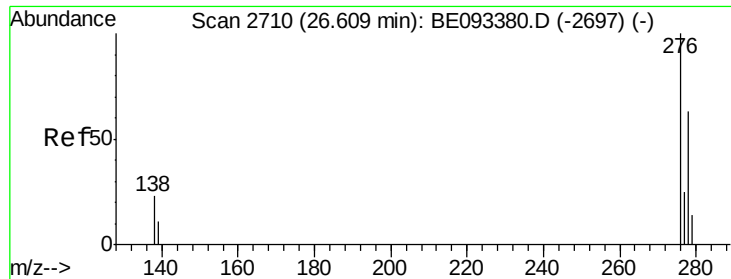


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

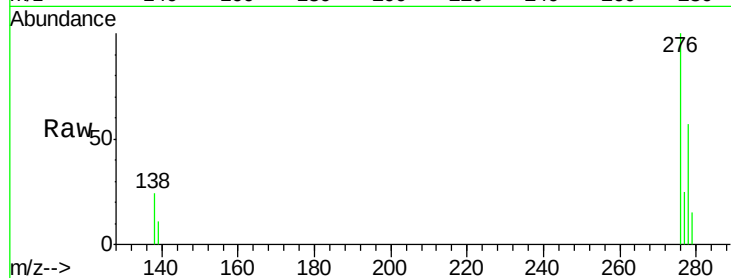




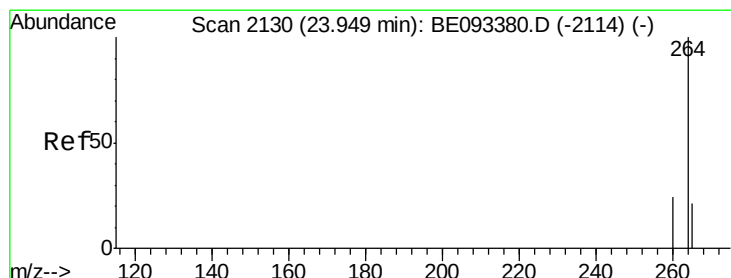
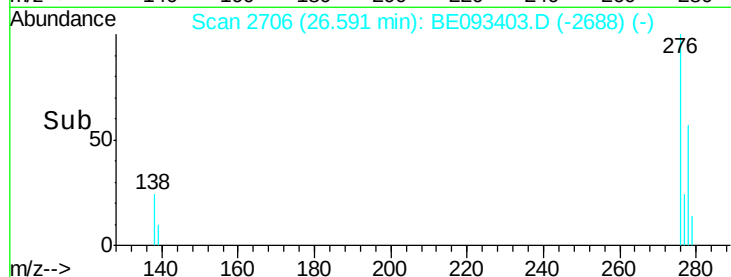
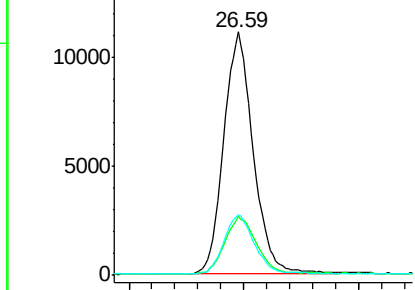
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. -0.02 min
 Lab File: BE093403.D
 Acq: 1 Jul 2017 22:22

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:276 Resp: 40164
 Ion Ratio Lower Upper
 276 100
 138 24.7 27.4 41.2#
 277 24.8 20.1 30.1

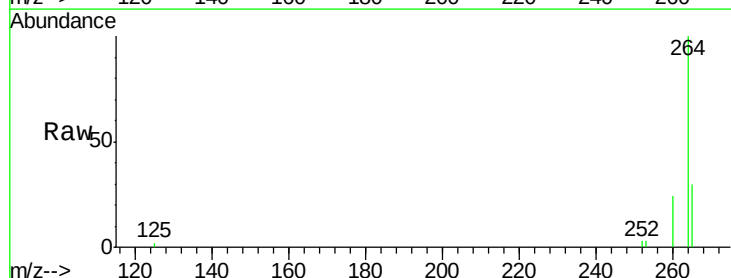


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

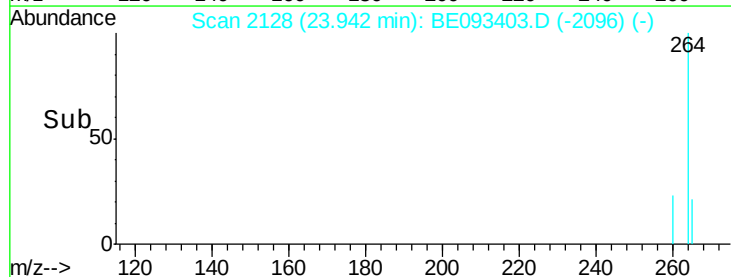
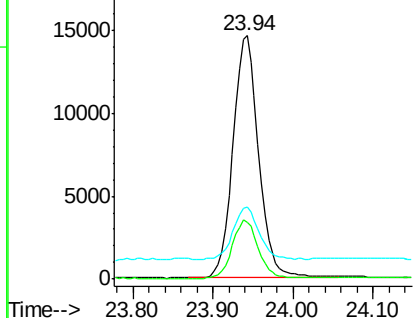


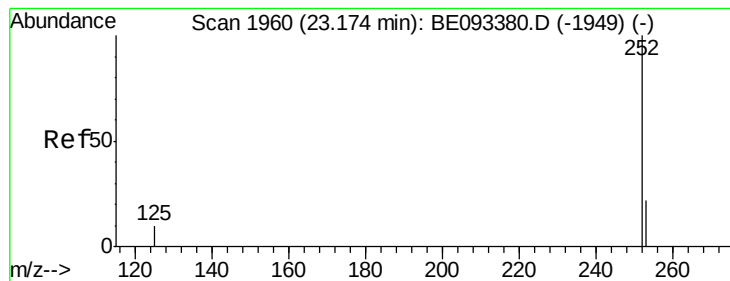
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BE093403.D
 Acq: 1 Jul 2017 22:22

Tgt Ion:264 Resp: 32674
 Ion Ratio Lower Upper
 264 100
 260 23.5 21.0 31.4
 265 29.5 24.6 36.8



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: 0.39 ng

RT: 23.17 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

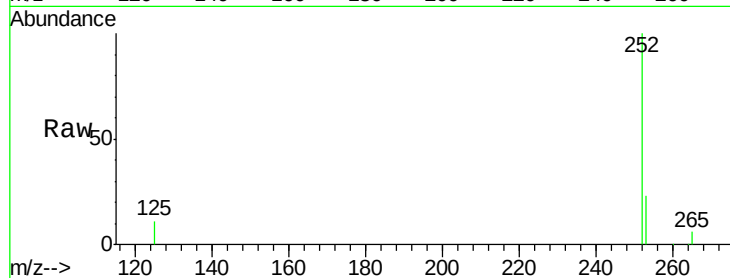
Tgt Ion:252 Resp: 39658

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

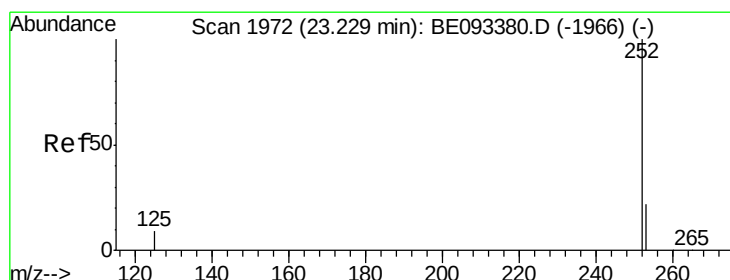
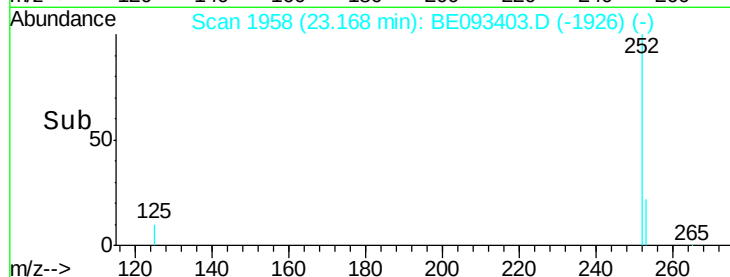
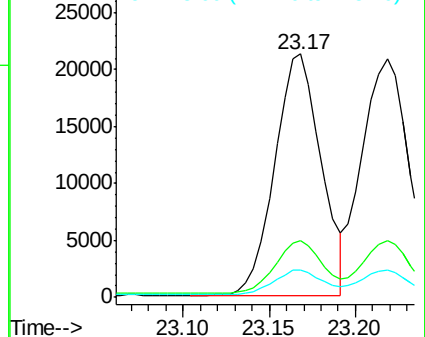
125 11.1 13.4 20.0#



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: 0.39 ng

RT: 23.22 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

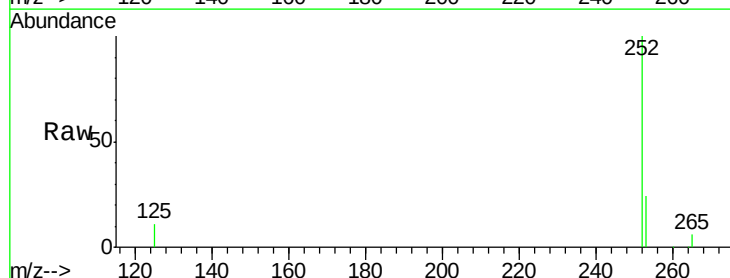
Tgt Ion:252 Resp: 39752

Ion Ratio Lower Upper

252 100

253 23.5 20.3 30.5

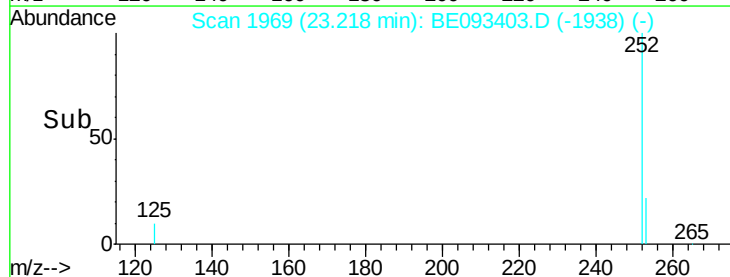
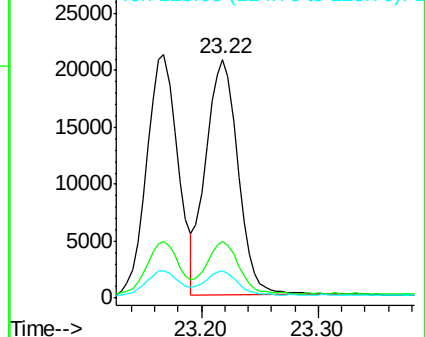
125 11.4 12.2 18.4#

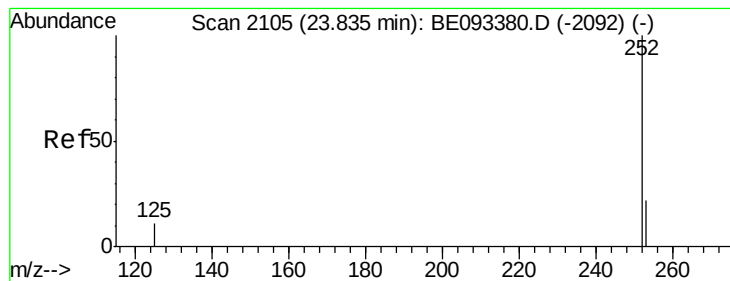


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.82 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

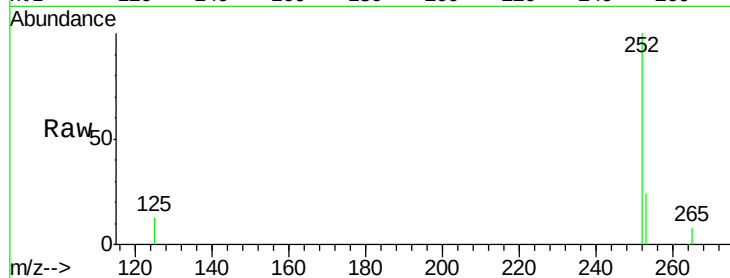
Tgt Ion:252 Resp: 34526

Ion Ratio Lower Upper

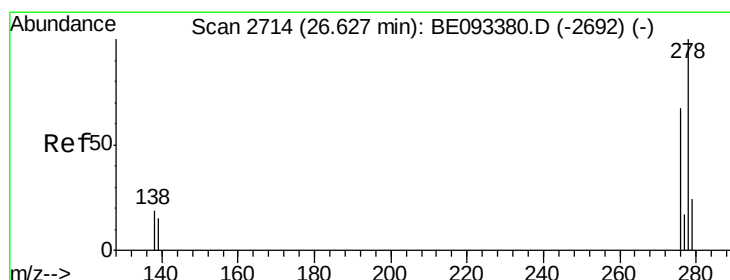
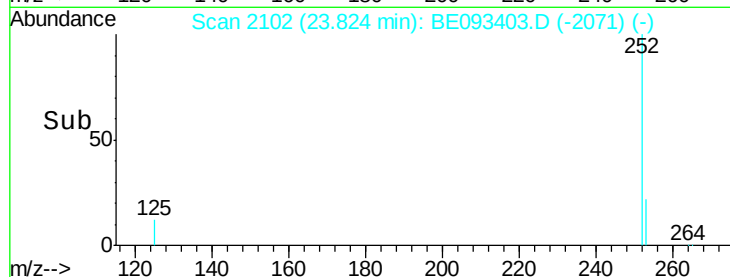
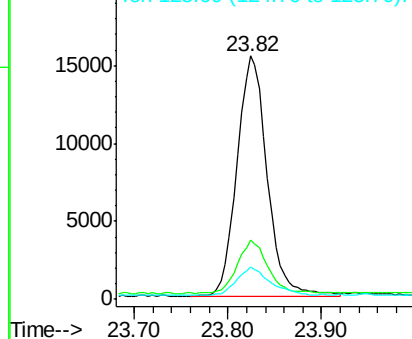
252 100

253 24.1 19.9 29.9

125 13.1 14.6 21.8#



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: 0.39 ng

RT: 26.61 min Scan# 2710

Delta R.T. -0.02 min

Lab File: BE093403.D

Acq: 1 Jul 2017 22:22

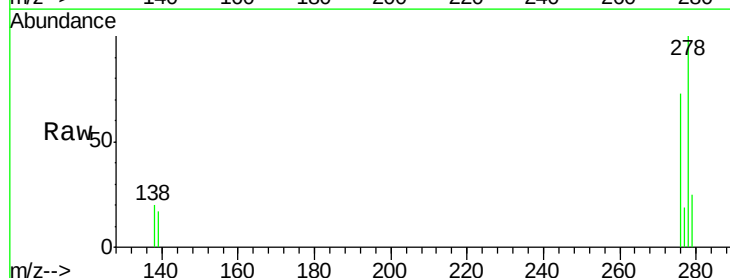
Tgt Ion:278 Resp: 35908

Ion Ratio Lower Upper

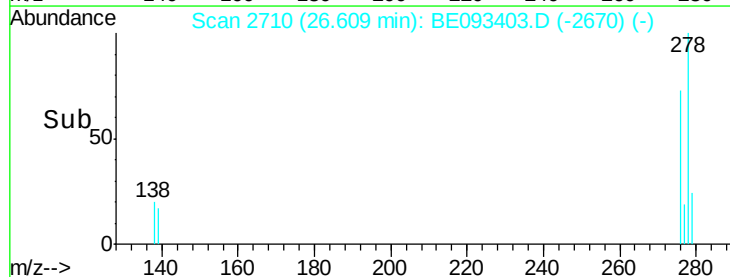
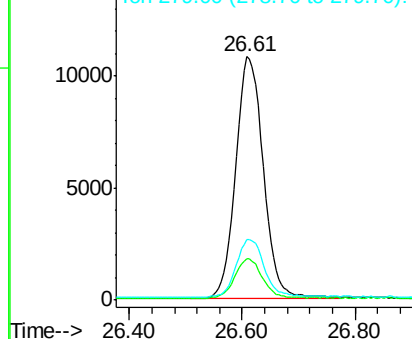
278 100

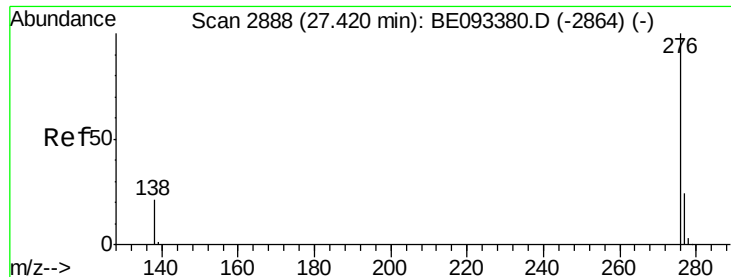
139 17.2 21.4 32.0#

279 25.0 22.2 33.2



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: 0.39 ng

RT: 27.40 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BE093403.D

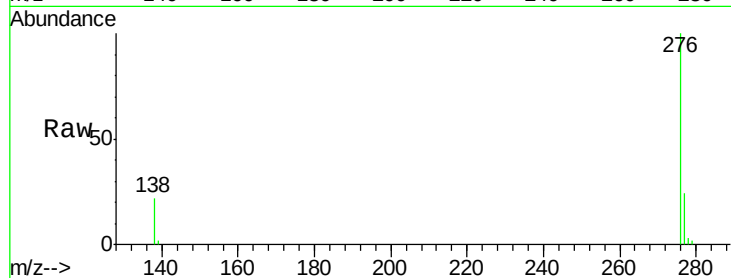
Acq: 1 Jul 2017 22:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 36588

Ion Ratio Lower Upper

276 100

277 24.2 21.2 31.8

138 21.5 24.5 36.7#

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

