

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
 Data File : BE093427.D
 Acq On : 6 Jul 2017 10:29
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 07 06:48:49 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3366	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	17886	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	11234	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	33051	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36968	0.40	ng	0.00
34) Perylene-d12	23.93	264	33377	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4094	0.40	ng	0.00
5) Phenol-d6	7.10	99	6431	0.43	ng	0.00
8) Nitrobenzene-d5	9.08	82	5068	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	11345	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1437	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	16960	0.39	ng	0.00
25) Fluoranthene-d10	19.29	212	140685	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	25634	0.39	ng	0.00

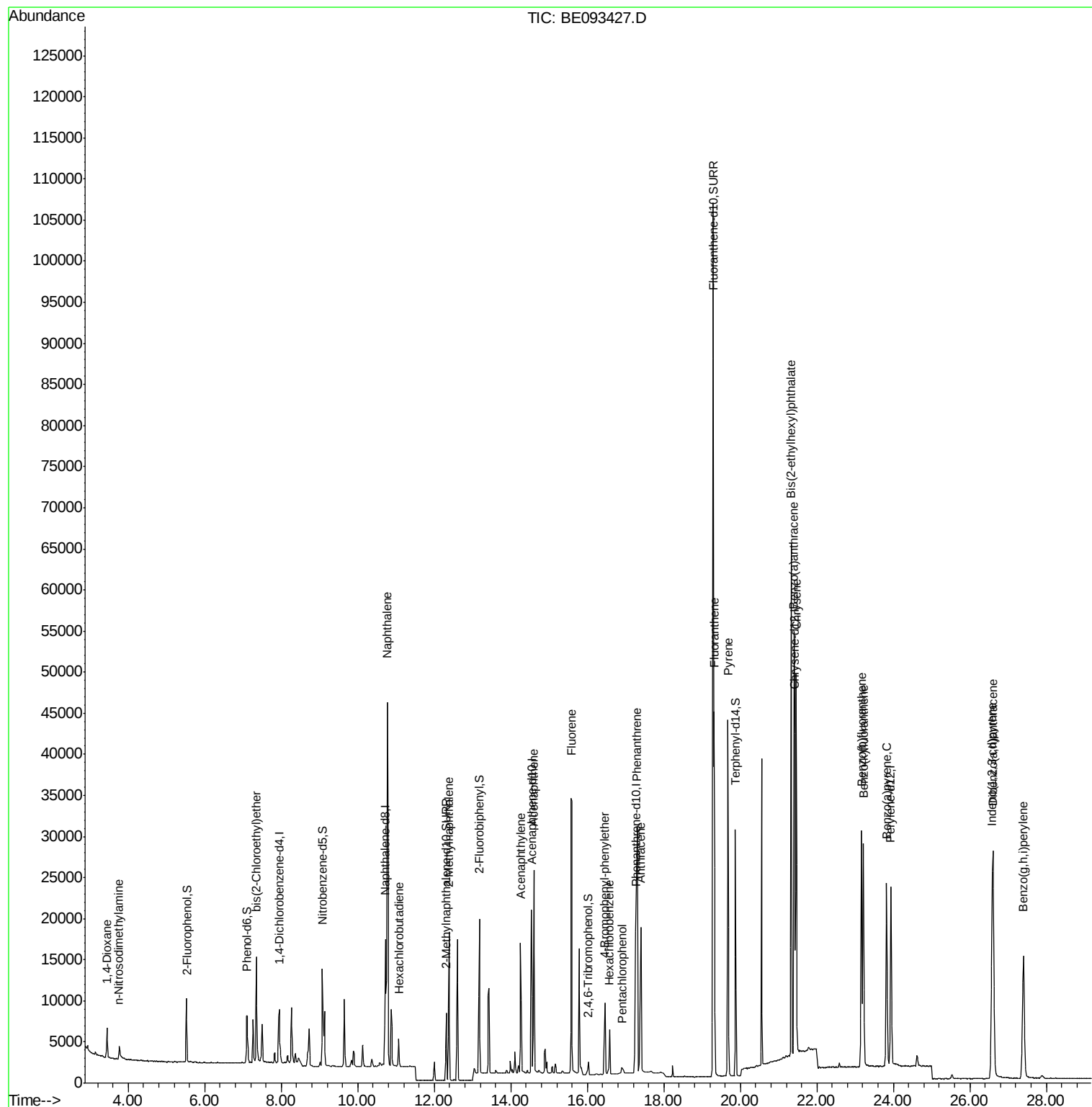
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	2631	0.369	ng	99
3) n-Nitrosodimethylamine	3.75	42	1500	0.412	ng	# 85
6) bis(2-Chloroethyl)ether	7.35	93	4349	0.386	ng	# 95
9) Naphthalene	10.77	128	72684	0.388	ng	# 73
10) Hexachlorobutadiene	11.08	225	2807	0.395	ng	99
12) 2-Methylnaphthalene	12.38	142	12425	0.395	ng	99
16) Acenaphthylene	14.26	152	18657	0.399	ng	# 87
17) Acenaphthene	14.60	154	13250	0.387	ng	100
18) Fluorene	15.59	166	17504	0.372	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	6179	0.341	ng	# 34
21) Hexachlorobenzene	16.58	284	7467	0.382	ng	# 100
22) Pentachlorophenol	16.91	266	931	0.364	ng	# 74
23) Phenanthrene	17.30	178	44439	0.370	ng	98
24) Anthracene	17.40	178	26243	0.356	ng	93
26) Fluoranthene	19.32	202	40052	0.355	ng	98
28) Pyrene	19.67	202	40694	0.392	ng	# 98
30) Benzo(a)anthracene	21.40	228	40992	0.411	ng	93
31) Chrysene	21.46	228	40618	0.389	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	68069	0.474	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	39772	0.434	ng	95
35) Benzo(b)fluoranthene	23.17	252	39401	0.366	ng	97
36) Benzo(k)fluoranthene	23.22	252	39878	0.374	ng	94
37) Benzo(a)pyrene	23.82	252	36257	0.384	ng	96
38) Dibenzo(a,h)anthracene	26.61	278	35486	0.387	ng	# 91
39) Benzo(g,h,i)perylene	27.40	276	35515	0.384	ng	92

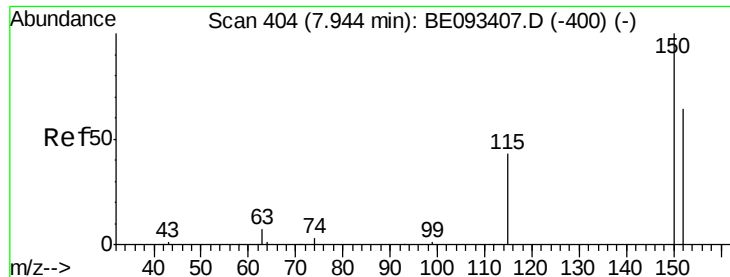
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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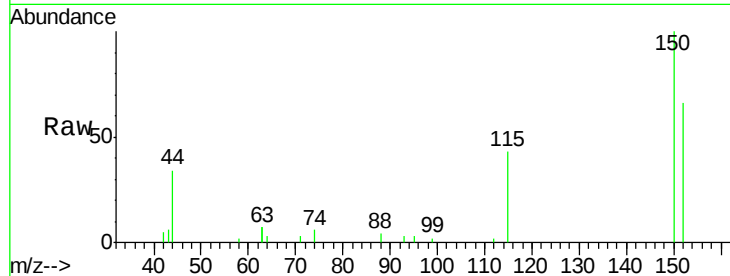


#1

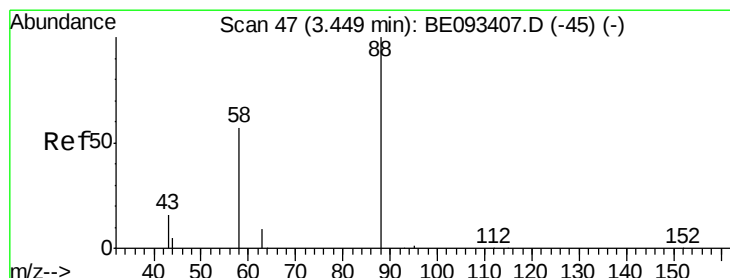
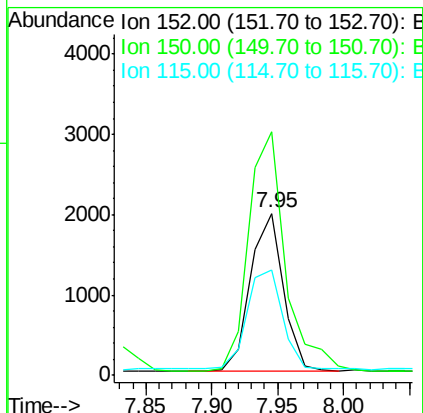
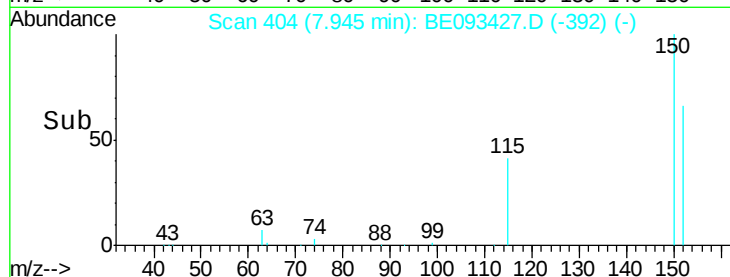
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 3366
Ion Ratio Lower Upper
152 100
150 150.5 125.1 187.7
115 65.1 55.7 83.5



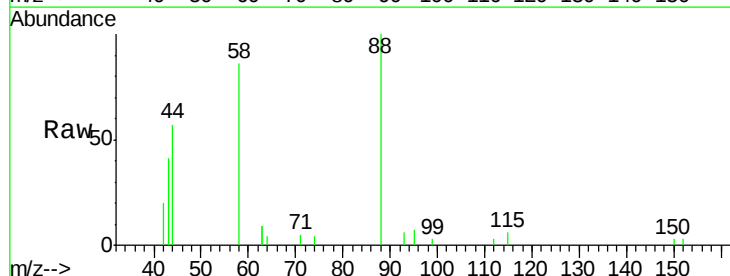
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



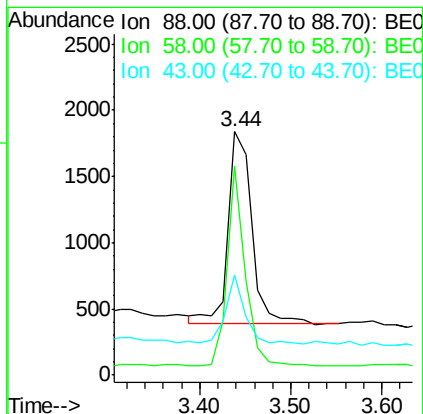
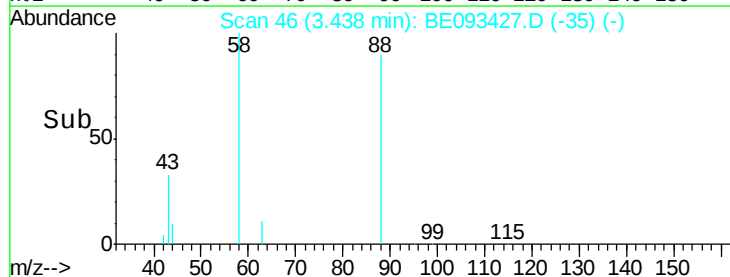
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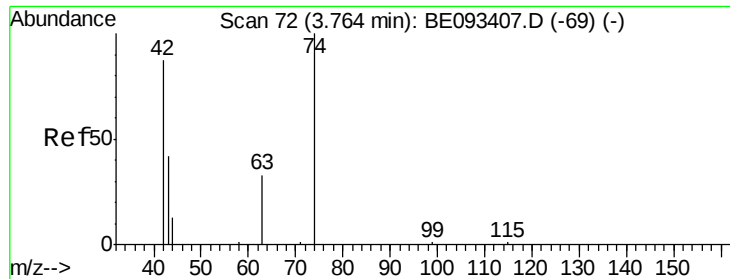
1,4-Dioxane
Concen: 0.369 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion: 88 Resp: 2631
Ion Ratio Lower Upper
88 100
58 78.8 62.2 93.4
43 29.4 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



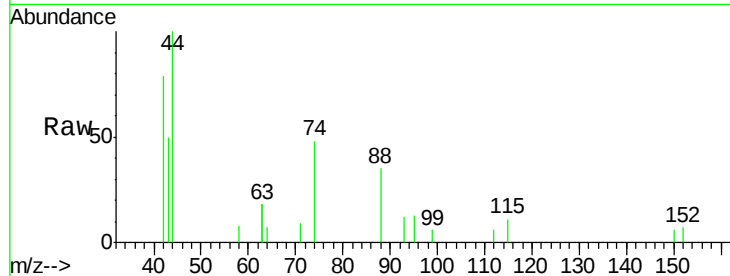


#3

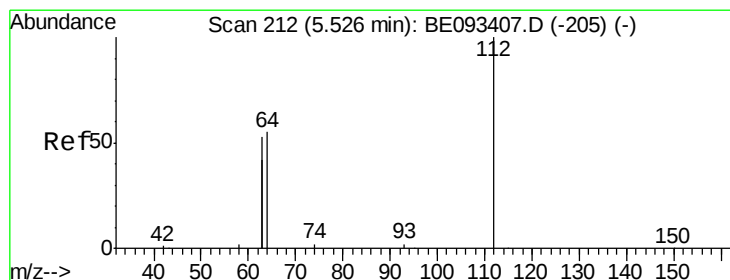
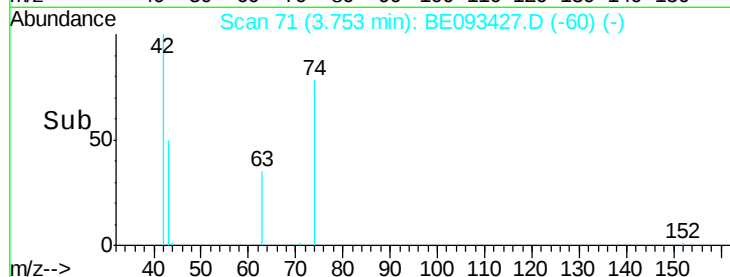
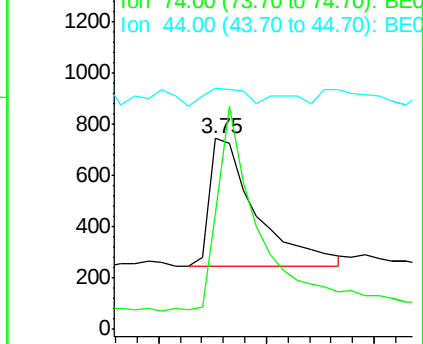
n-Nitrosodimethylamine
 Concen: 0.412 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE093427.D
 Acq: 6 Jul 2017 10:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 42 Resp: 1500
 Ion Ratio Lower Upper
 42 100
 74 141.1 99.1 148.7
 44 12.8 7.4 11.2#



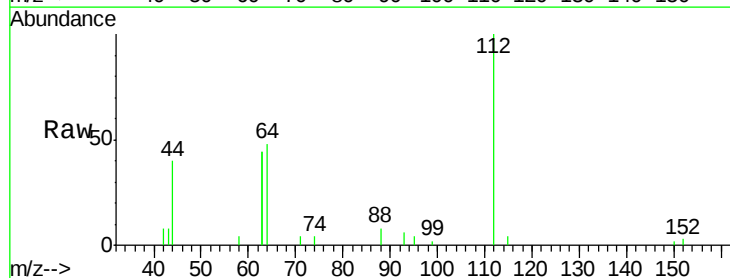
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



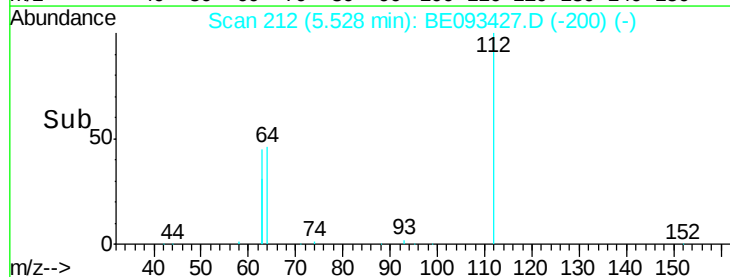
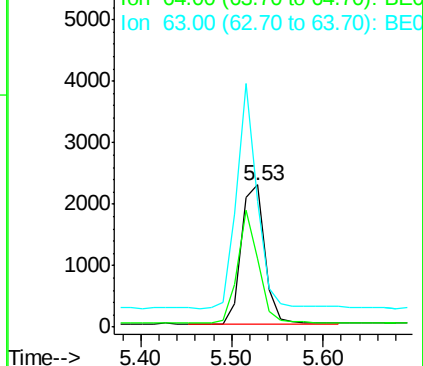
#4

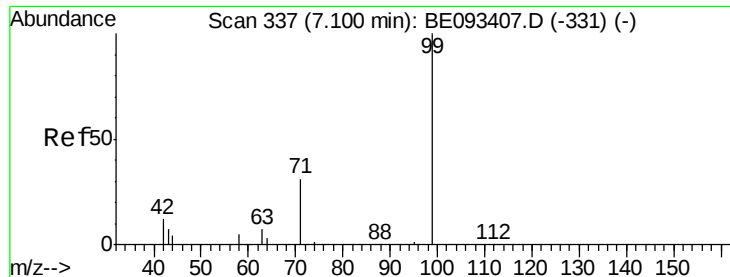
2-Fluorophenol
 Concen: 0.403 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093427.D
 Acq: 6 Jul 2017 10:29

Tgt Ion: 112 Resp: 4094
 Ion Ratio Lower Upper
 112 100
 64 71.9 56.4 84.6
 63 139.7 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: 0.429 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

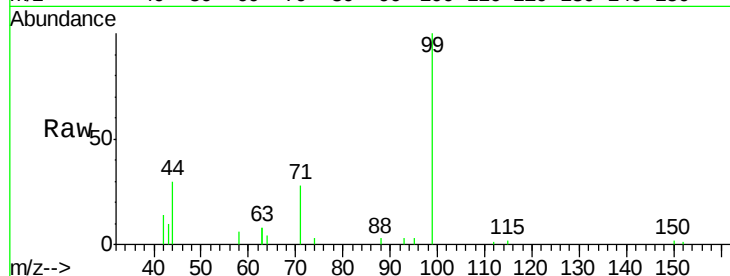
Tgt Ion: 99 Resp: 6431

Ion Ratio Lower Upper

99 100

42 20.1 0.0 0.0#

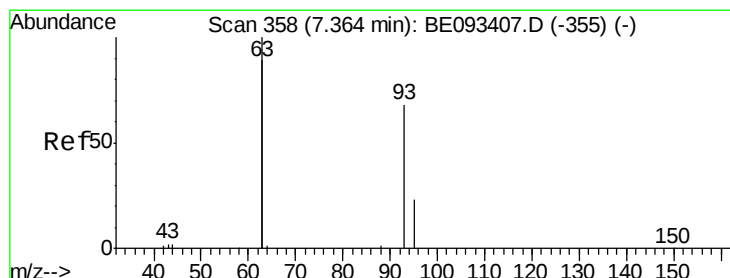
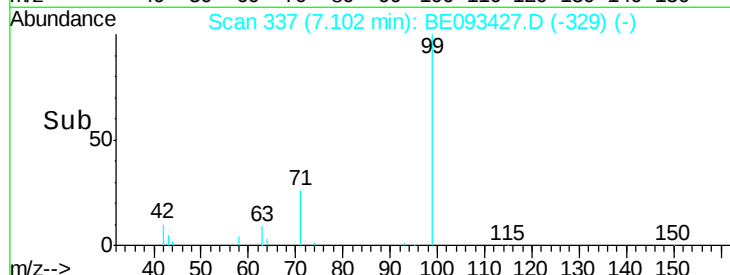
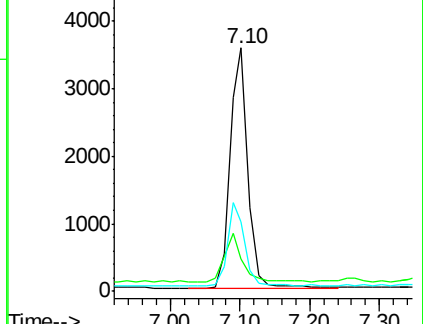
71 34.9 0.0 0.0#



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: 0.386 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

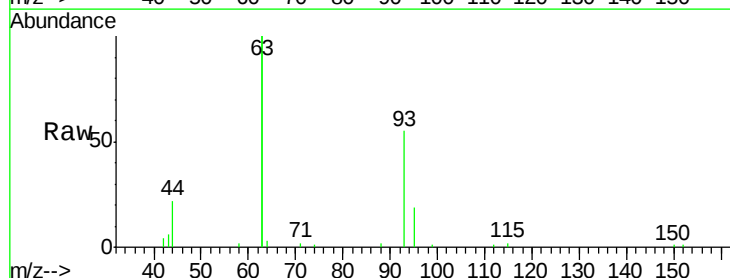
Tgt Ion: 93 Resp: 4349

Ion Ratio Lower Upper

93 100

63 351.5 0.0 0.0#

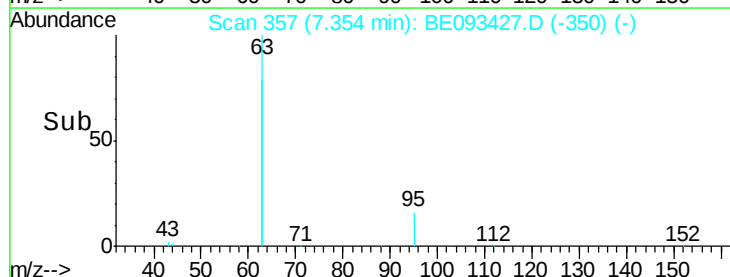
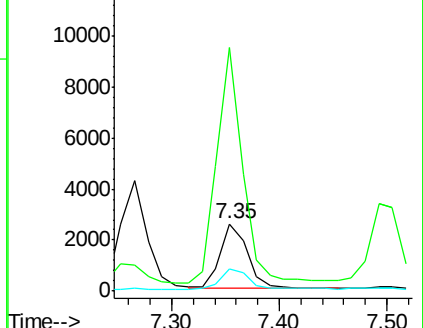
95 34.7 25.4 38.0

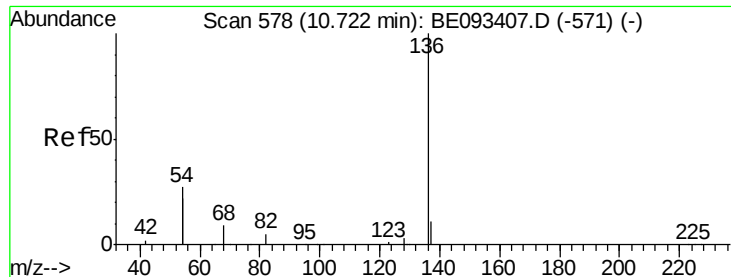


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 17886

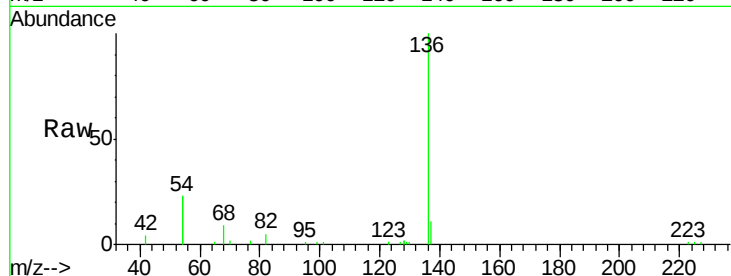
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 45.1 10.3 15.5#

68 8.9 9.0 13.4#

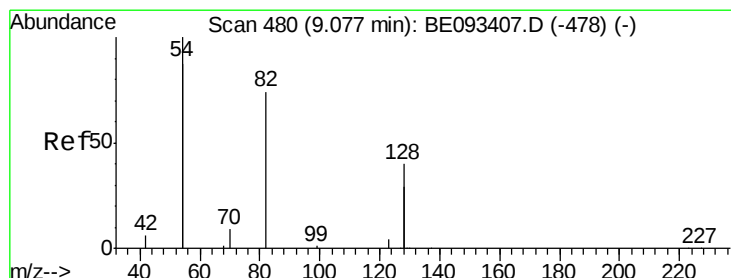
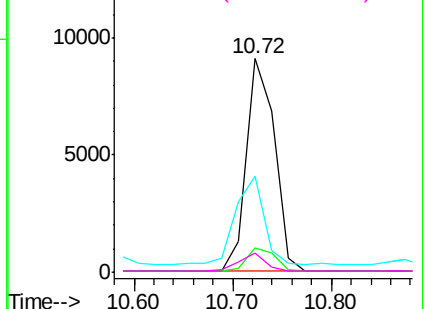
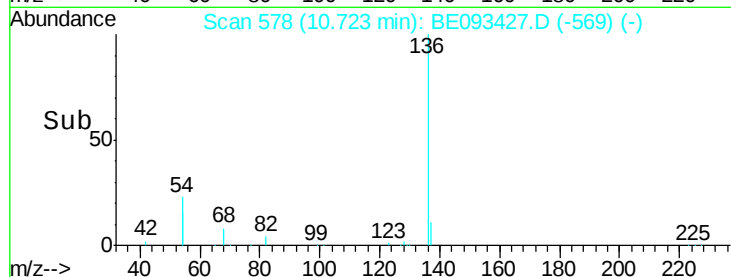


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.444 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

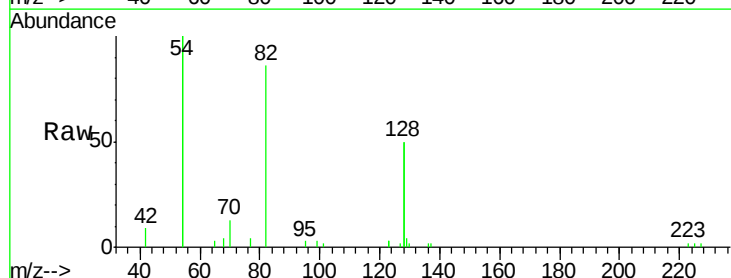
Tgt Ion: 82 Resp: 5068

Ion Ratio Lower Upper

82 100

128 116.4 17.0 25.4#

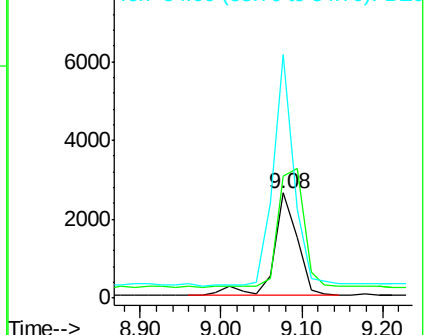
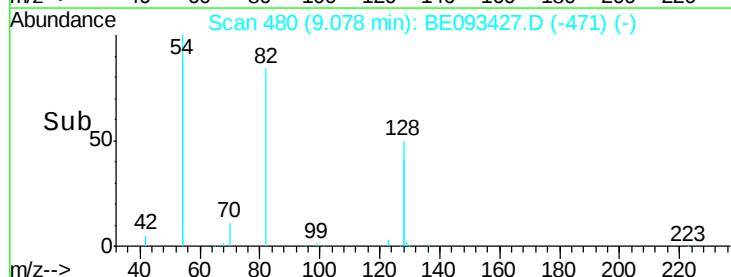
54 231.5 53.8 80.6#

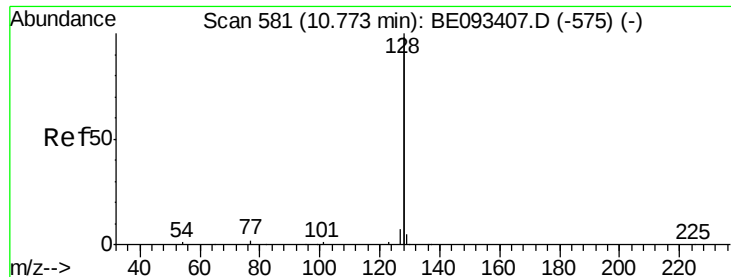


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

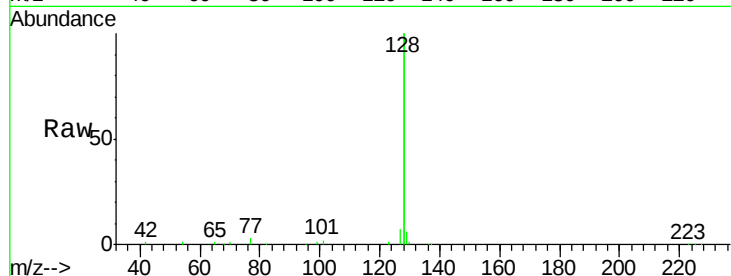
Tgt Ion:128 Resp: 72684

Ion Ratio Lower Upper

128 100

129 2.8 11.4 17.0#

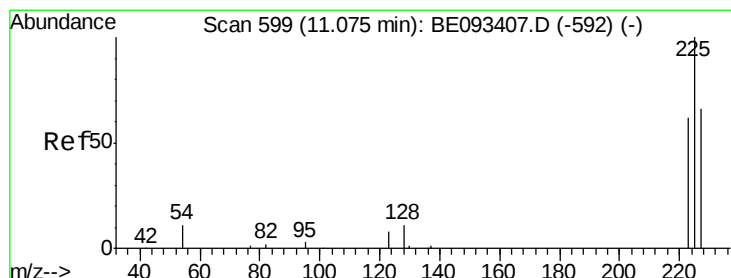
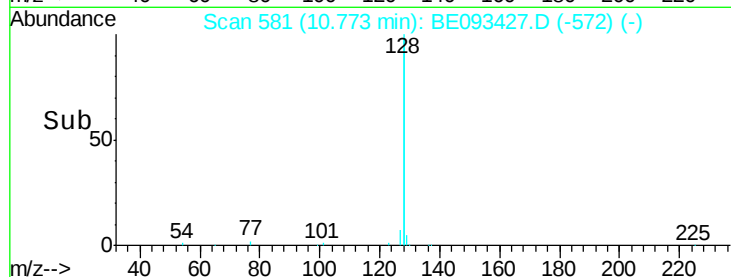
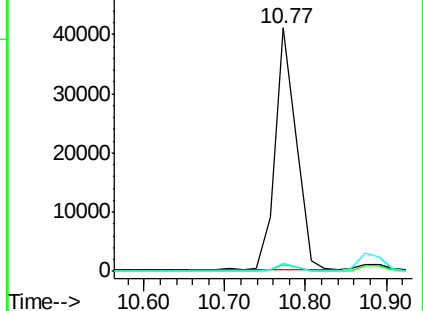
127 3.4 11.2 16.8#



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: 0.395 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

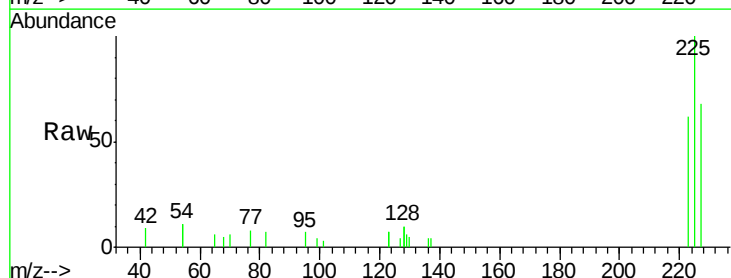
Tgt Ion:225 Resp: 2807

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

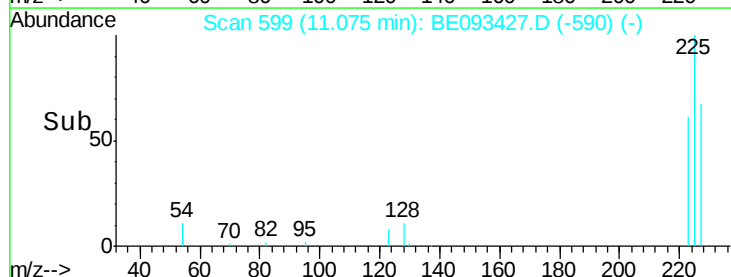
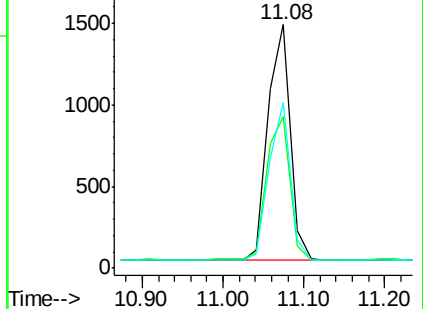
227 63.5 50.3 75.5

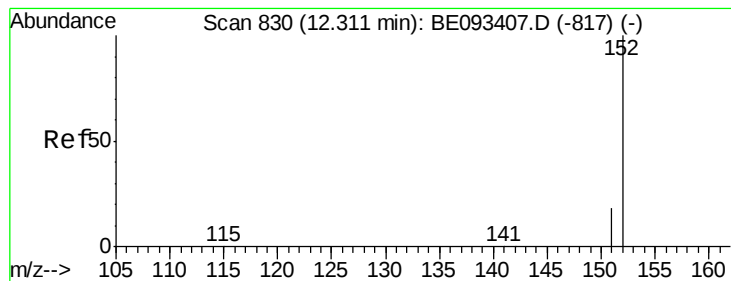


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

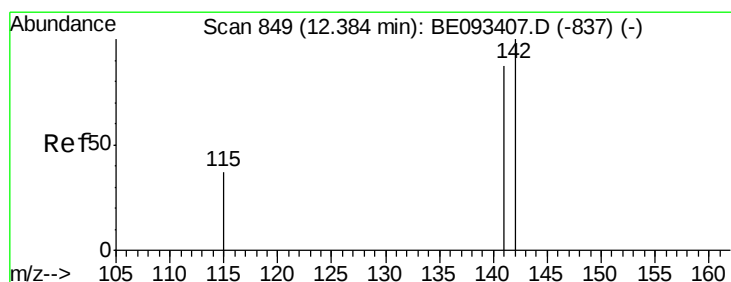
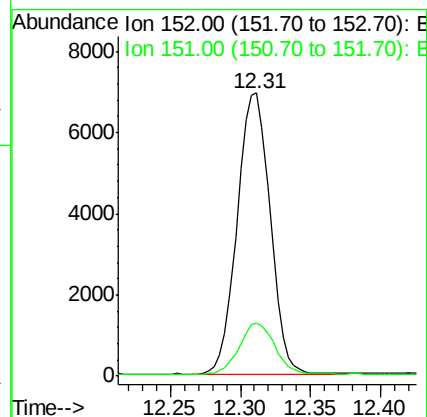
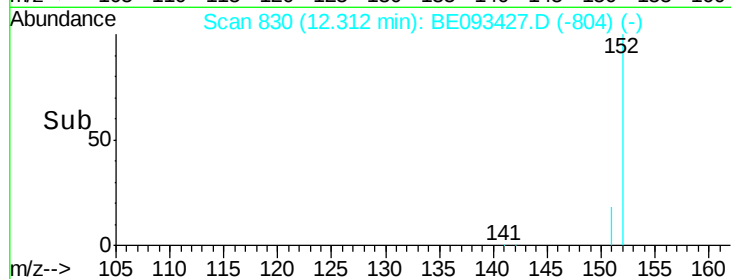
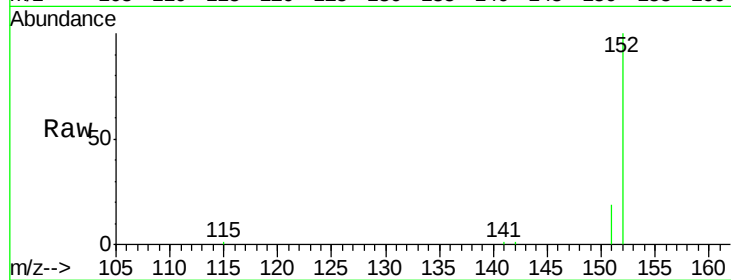
SSTDCCC0.4

Tgt Ion:152 Resp: 11345

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

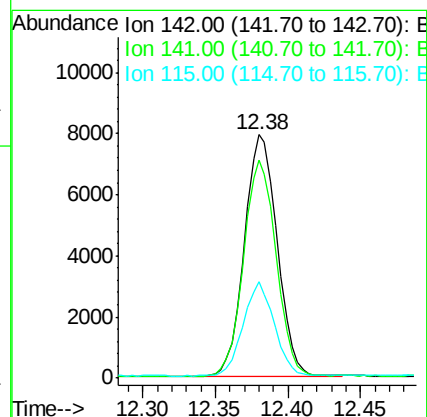
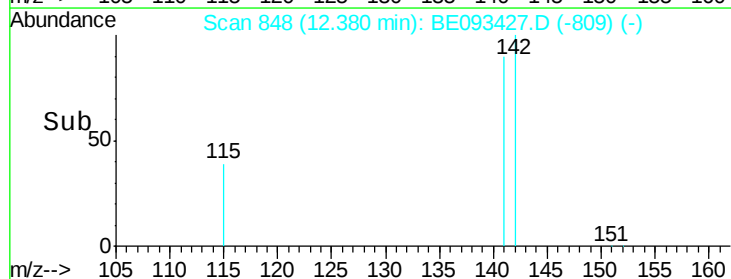
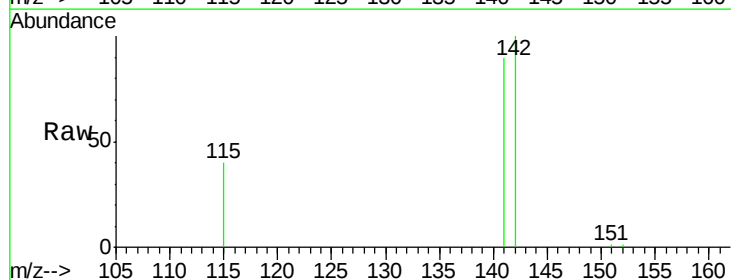
Tgt Ion:142 Resp: 12425

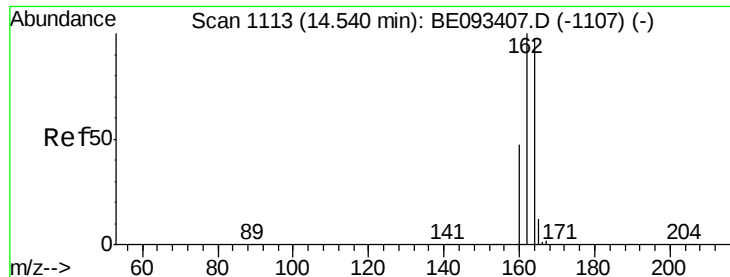
Ion Ratio Lower Upper

142 100

141 89.7 72.6 108.8

115 39.5 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

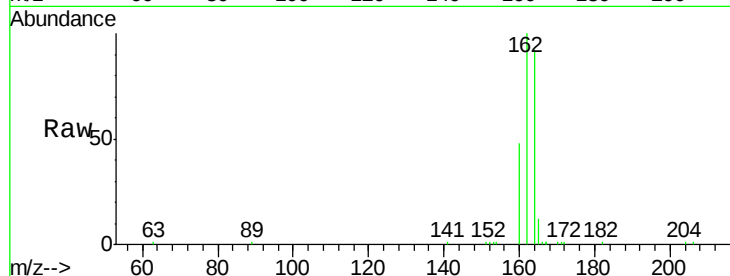
Tgt Ion:164 Resp: 11234

Ion Ratio Lower Upper

164 100

162 108.6 84.6 127.0

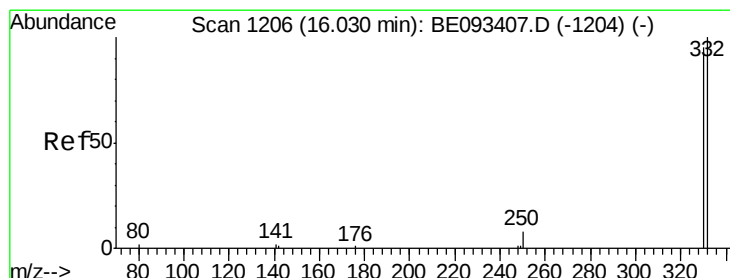
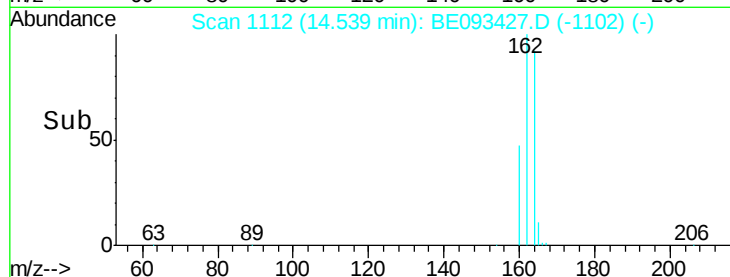
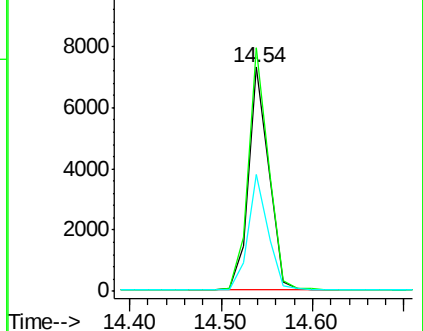
160 51.9 41.8 62.6



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: 0.407 ng

RT: 16.03 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

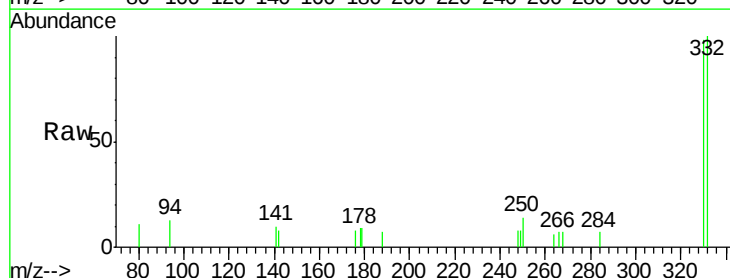
Tgt Ion:330 Resp: 1437

Ion Ratio Lower Upper

330 100

332 102.9 77.7 116.5

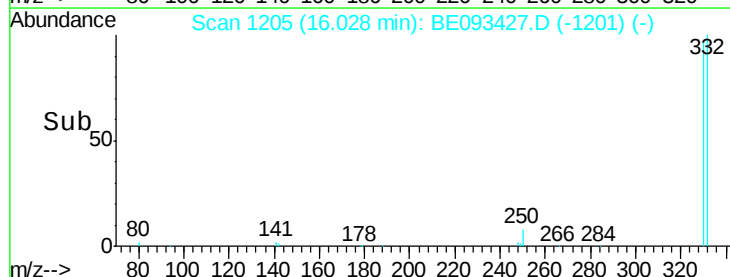
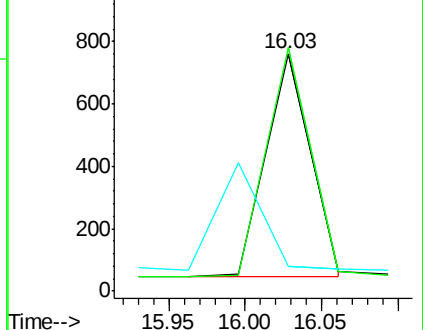
141 0.0 56.2 84.4#

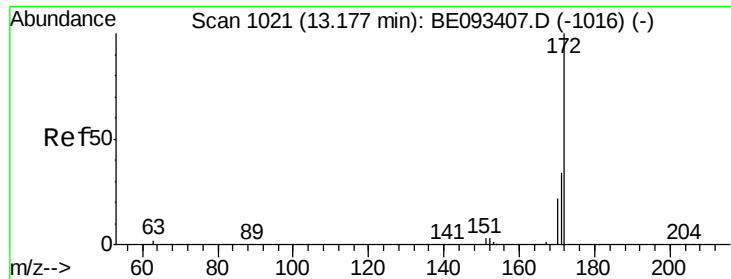


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

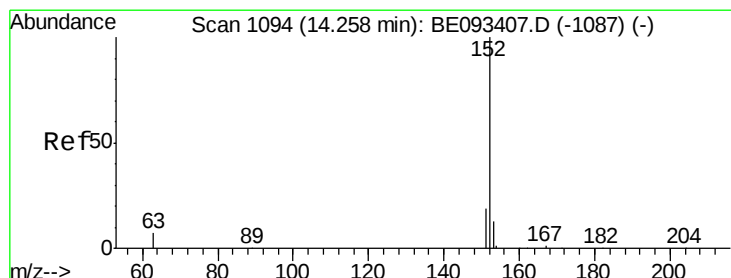
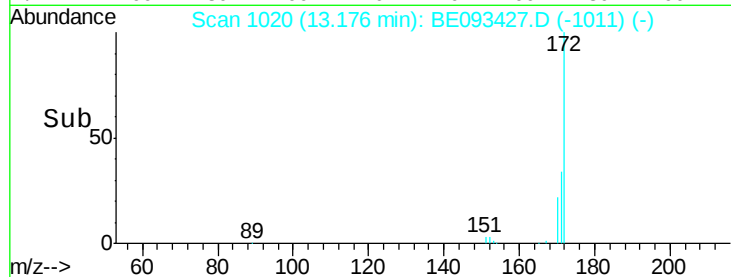
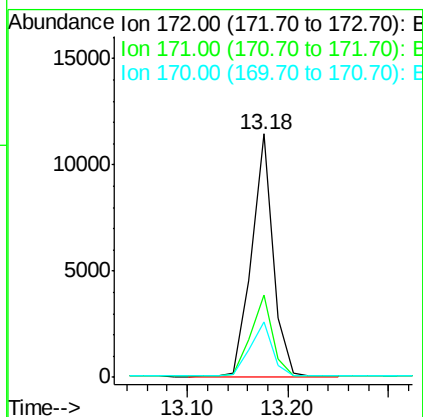
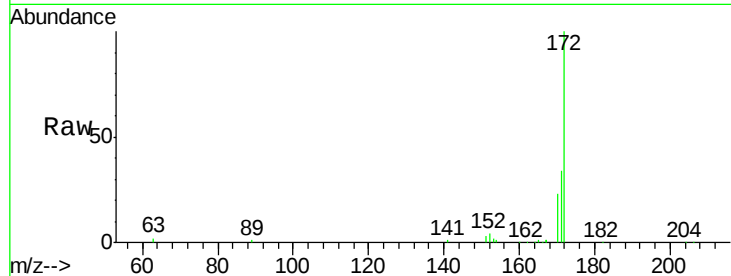




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

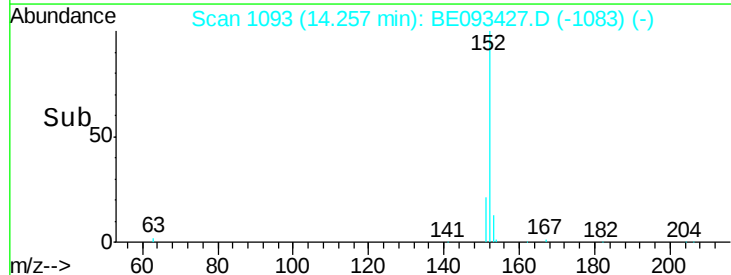
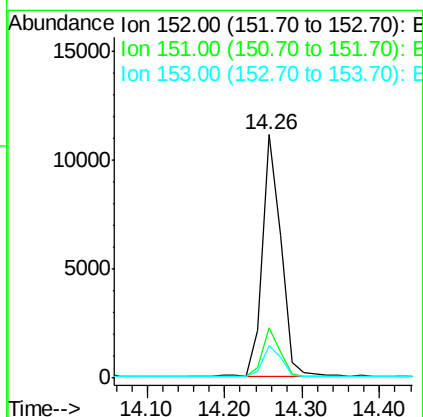
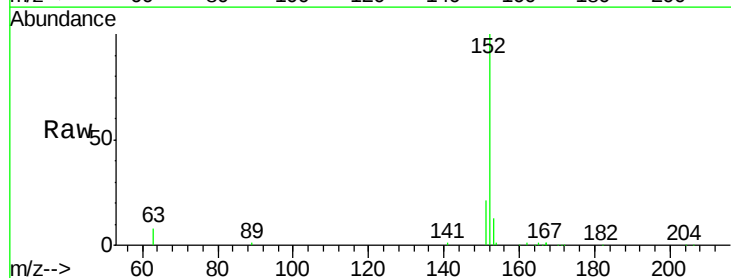
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

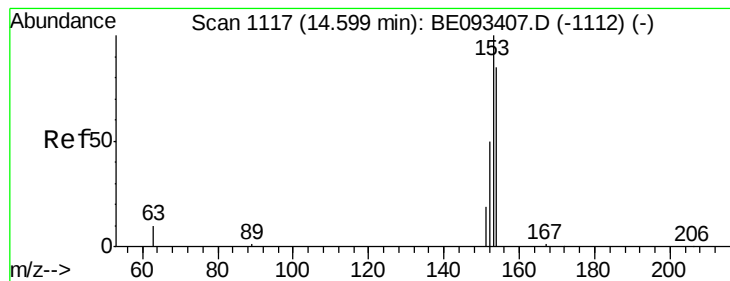
Tgt Ion:172 Resp: 16960
Ion Ratio Lower Upper
172 100
171 34.1 29.8 44.6
170 22.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:152 Resp: 18657
Ion Ratio Lower Upper
152 100
151 19.2 4.0 6.0#
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.60 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

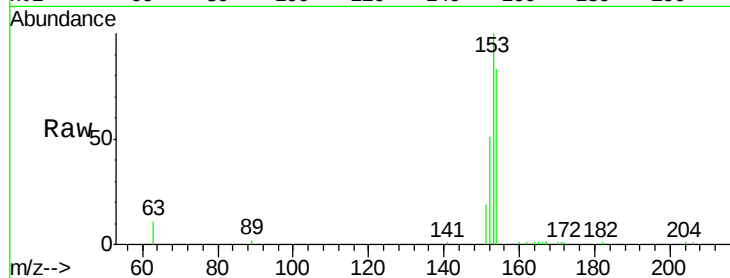
Tgt Ion:154 Resp: 13250

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

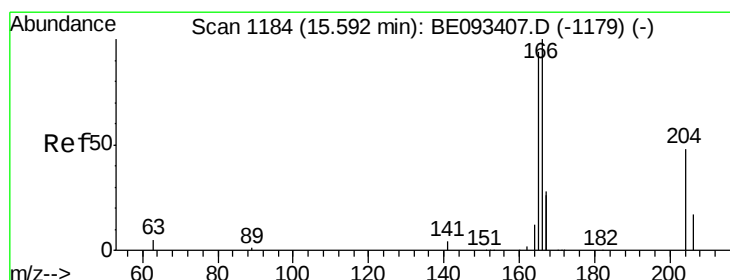
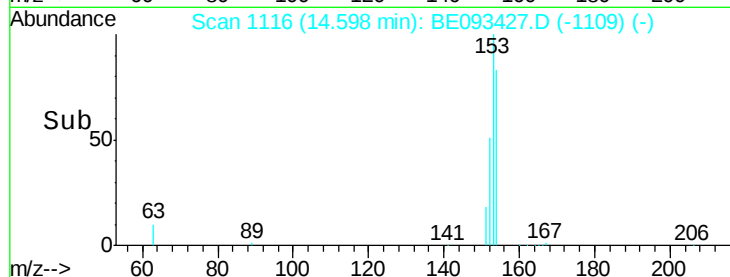
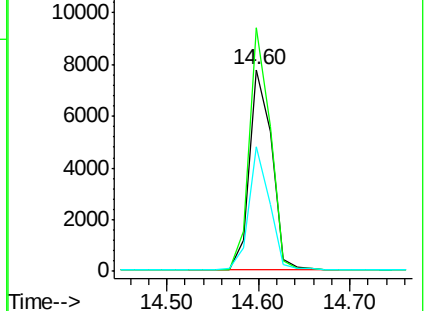
152 56.4 44.8 67.2



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: 0.372 ng

RT: 15.59 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

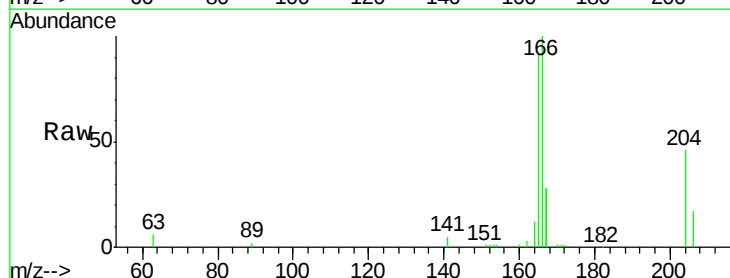
Tgt Ion:166 Resp: 17504

Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

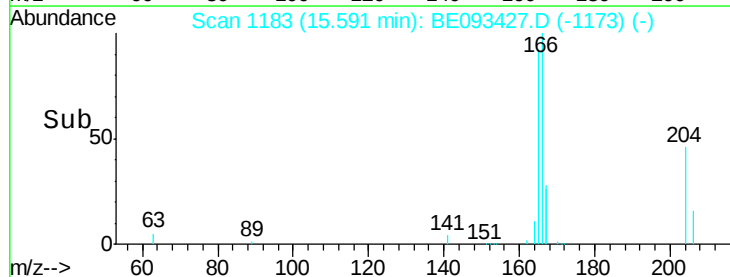
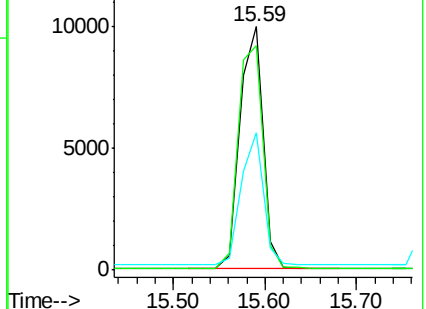
167 53.0 11.1 16.7#

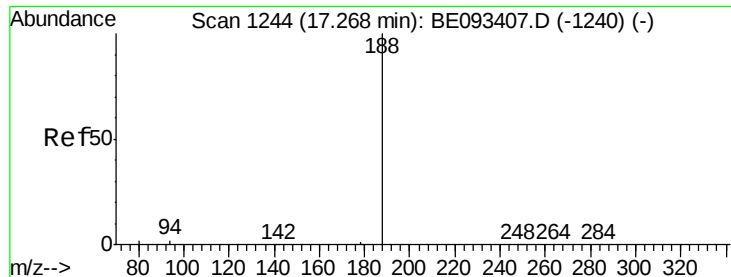


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

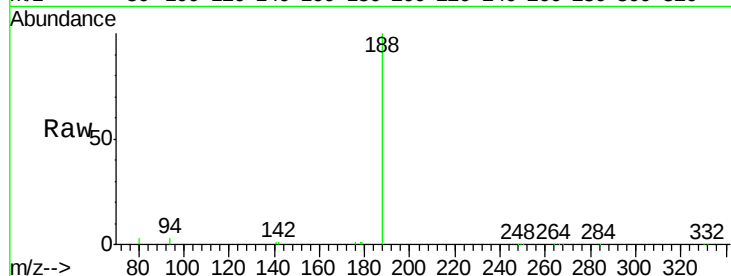
Tgt Ion:188 Resp: 33051

Ion Ratio Lower Upper

188 100

94 3.3 11.3 16.9#

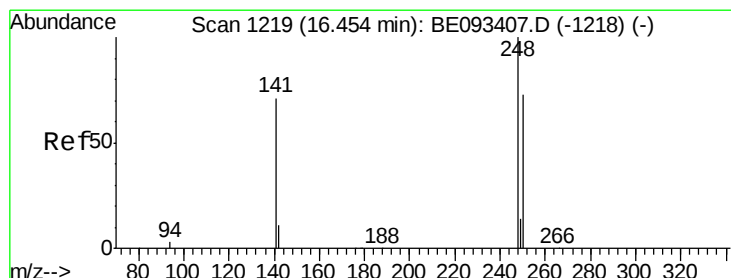
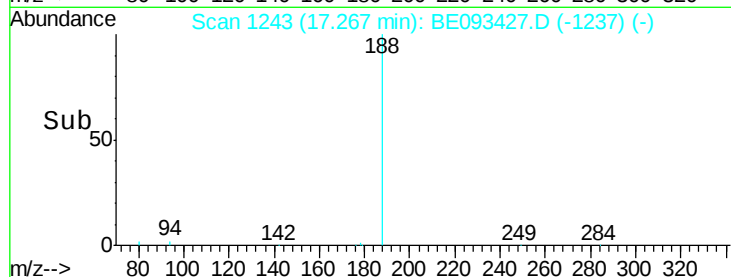
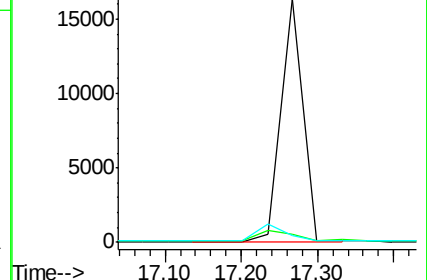
80 2.6 11.7 17.5#



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: 0.341 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

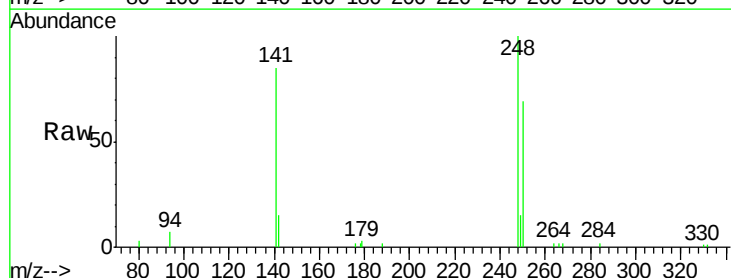
Tgt Ion:248 Resp: 6179

Ion Ratio Lower Upper

248 100

250 68.6 40.8 61.2#

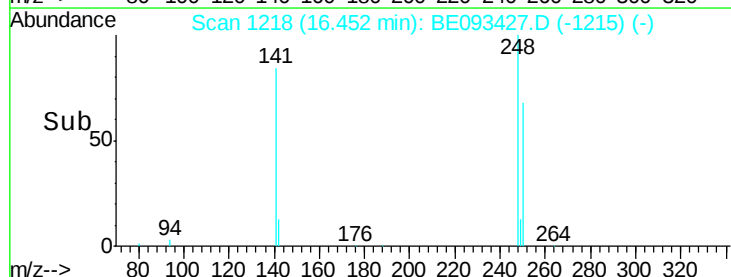
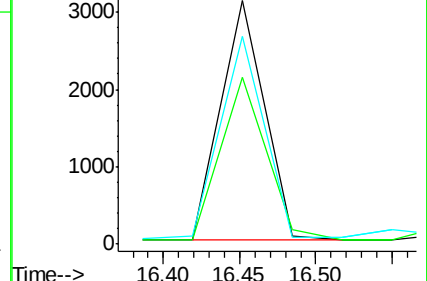
141 85.1 161.6 242.4#

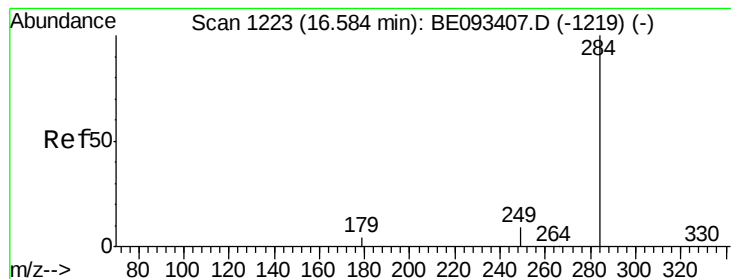


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.382 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

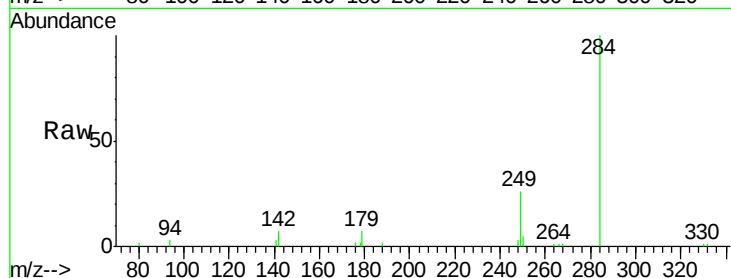
Tgt Ion:284 Resp: 7467

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

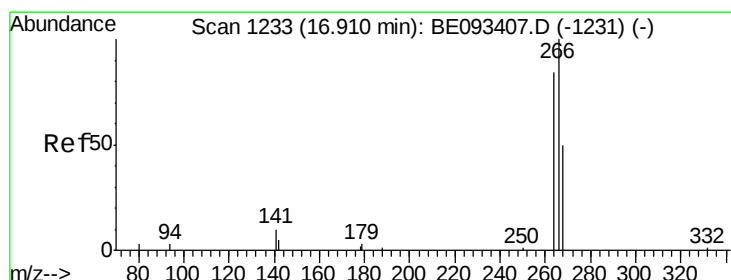
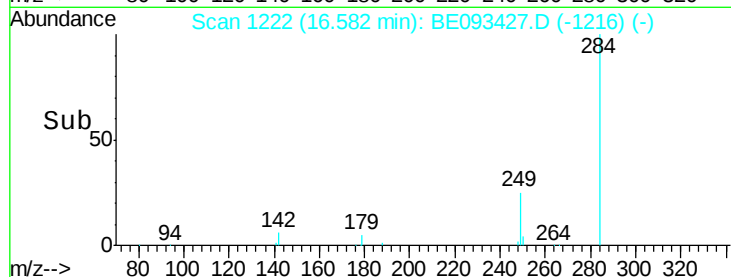
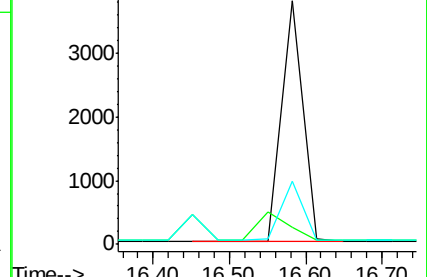
249 25.2 0.0 0.0#



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: 0.364 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

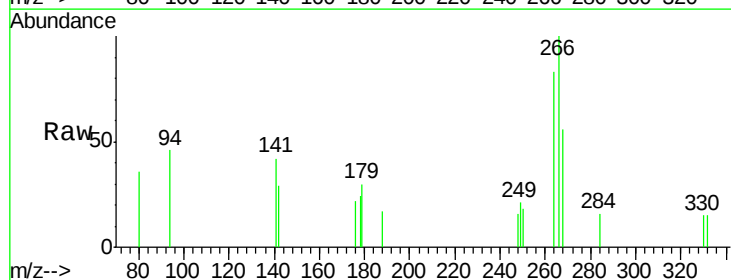
Tgt Ion:266 Resp: 931

Ion Ratio Lower Upper

266 100

264 83.0 58.2 87.2

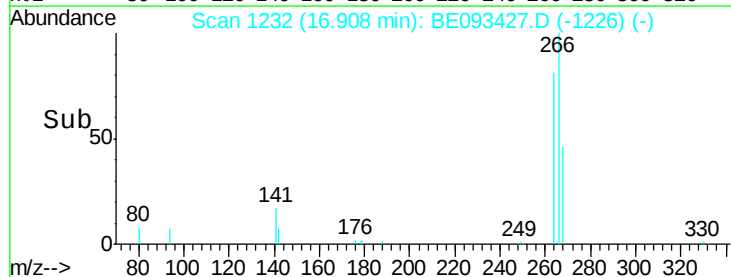
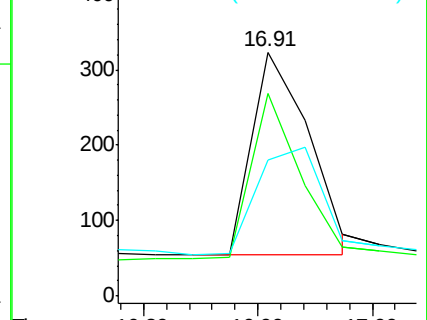
268 55.7 71.9 107.9#

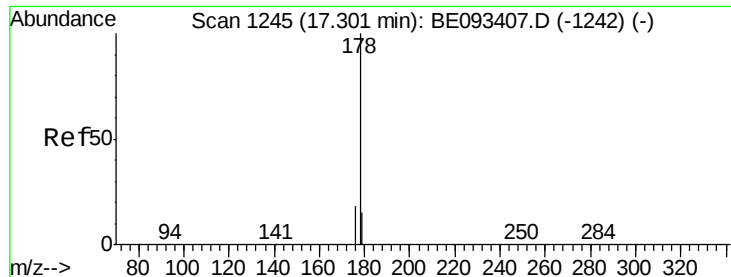


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.370 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

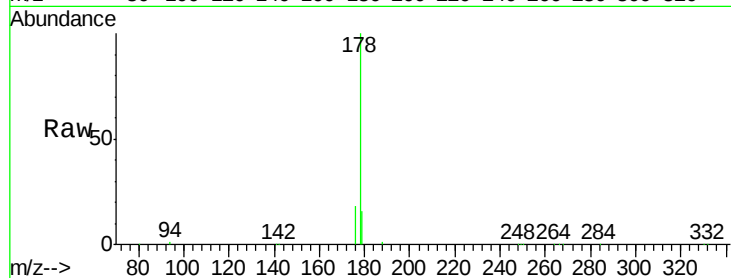
Tgt Ion:178 Resp: 44439

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

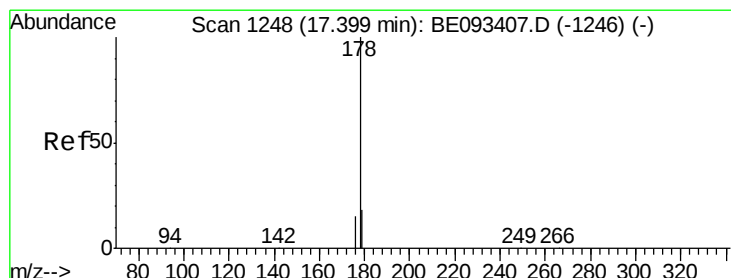
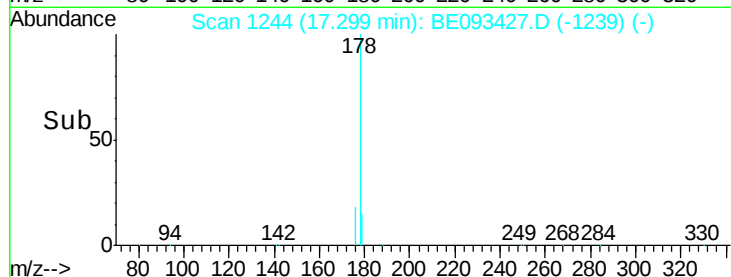
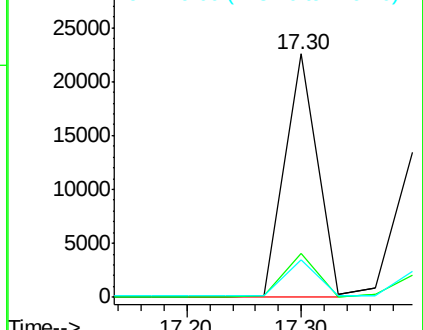
179 15.3 12.7 19.1



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: 0.356 ng

RT: 17.40 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

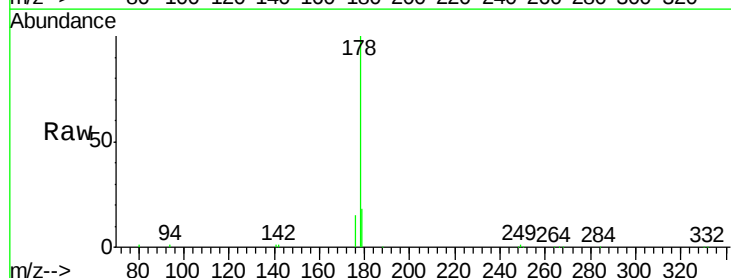
Tgt Ion:178 Resp: 26243

Ion Ratio Lower Upper

178 100

176 15.0 14.6 22.0

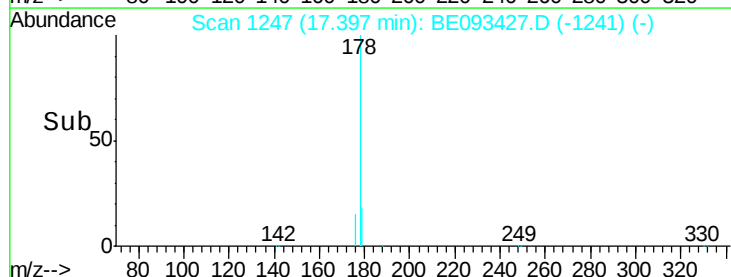
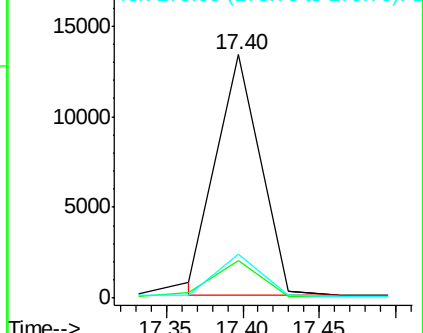
179 17.5 12.0 18.0

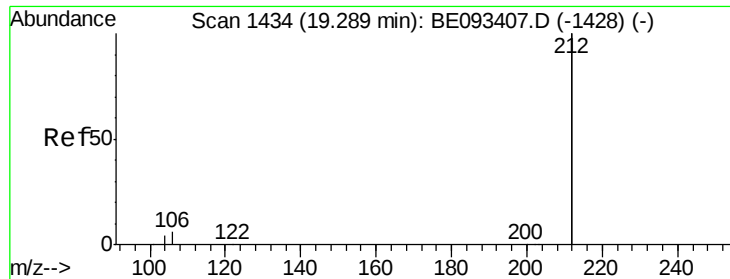


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

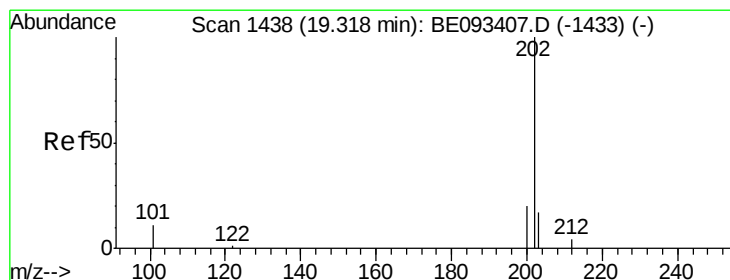
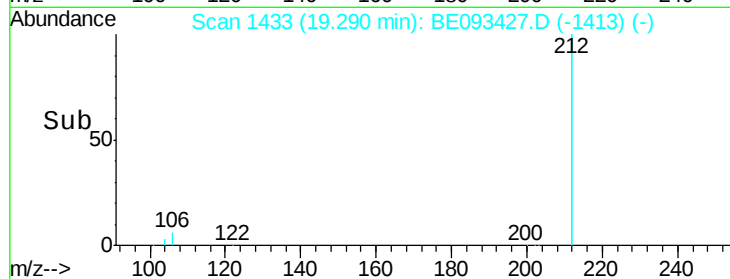
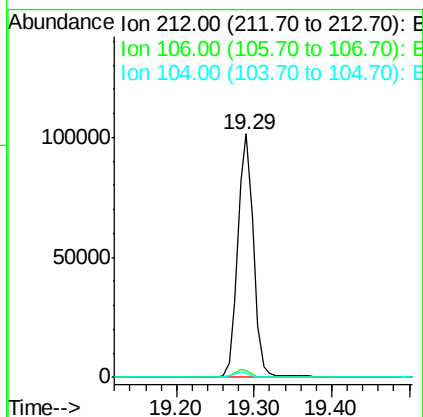
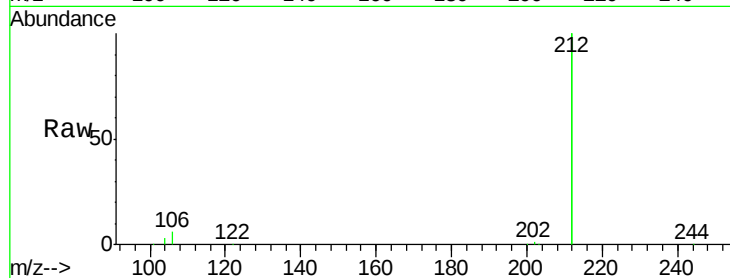




#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.29 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE093427.D
 Acq: 6 Jul 2017 10:29

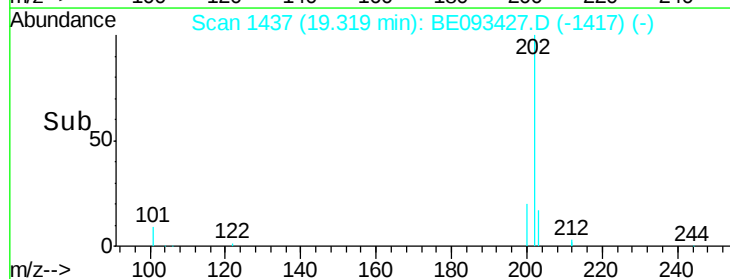
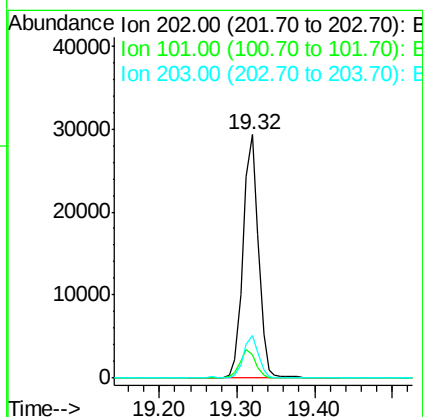
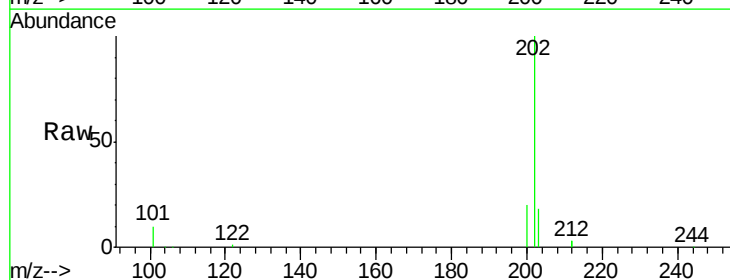
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

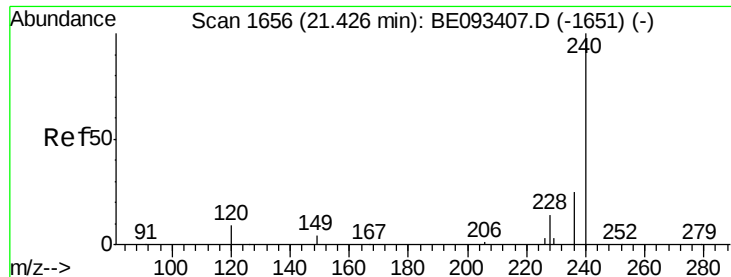
Tgt Ion: 212 Resp: 140685
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.355 ng
 RT: 19.32 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BE093427.D
 Acq: 6 Jul 2017 10:29

Tgt Ion: 202 Resp: 40052
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.6 14.4
 203 16.8 14.4 21.6

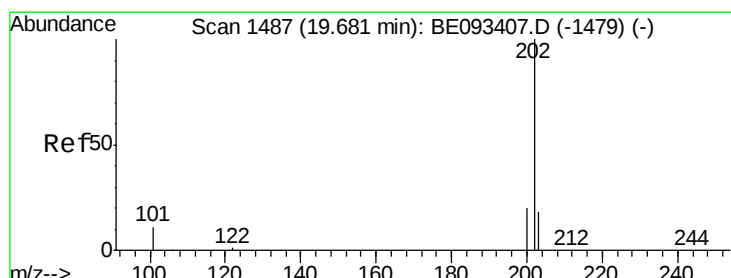
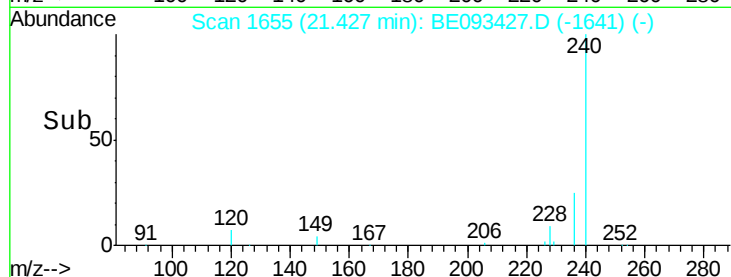
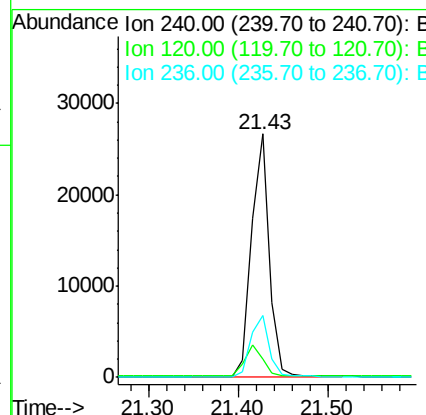
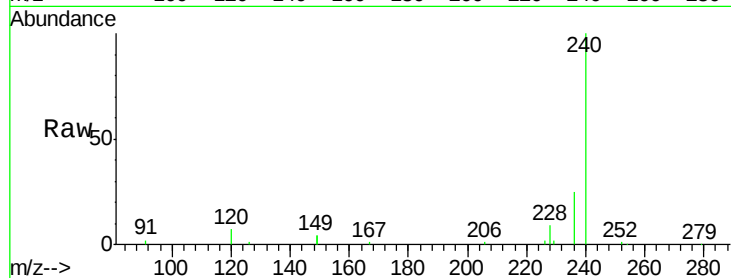




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

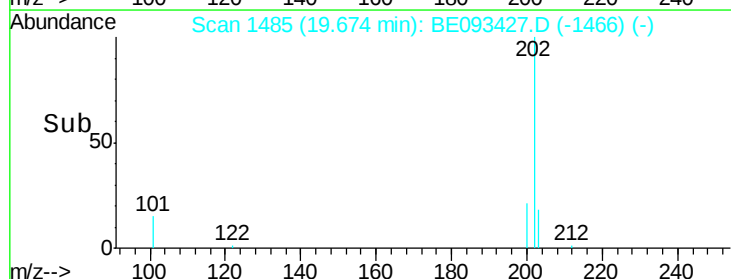
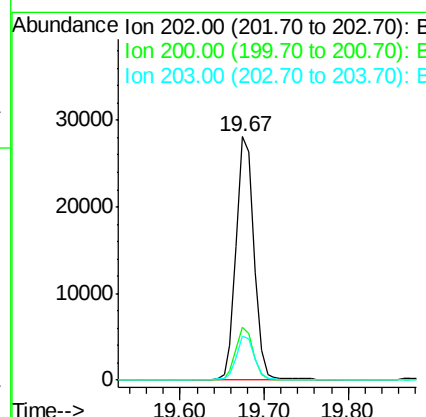
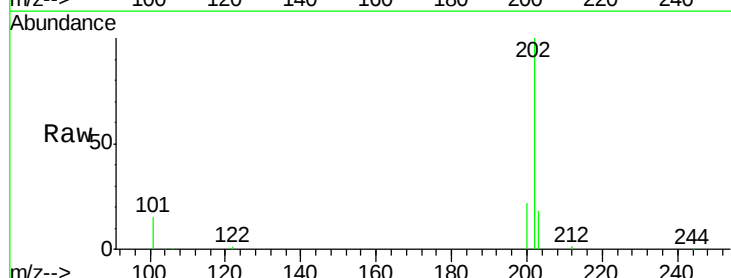
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

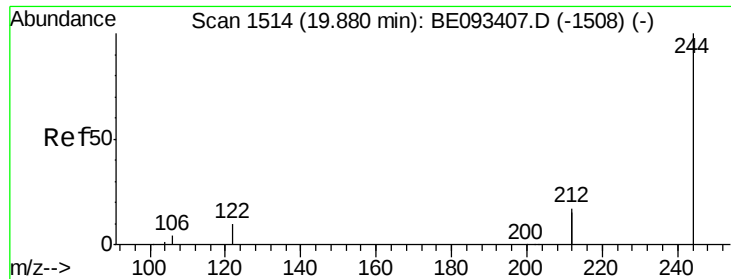
Tgt Ion:240 Resp: 36968
Ion Ratio Lower Upper
240 100
120 7.4 4.6 7.0#
236 25.5 20.8 31.2



#28
Pyrene
Concen: 0.392 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:202 Resp: 40694
Ion Ratio Lower Upper
202 100
200 21.1 0.0 0.0#
203 17.8 13.7 20.5





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

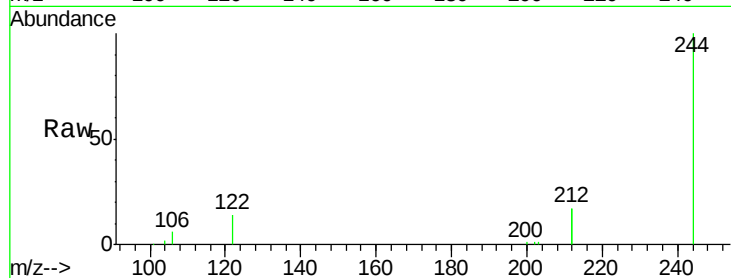
Tgt Ion:244 Resp: 25634

Ion Ratio Lower Upper

244 100

212 34.9 10.6 16.0#

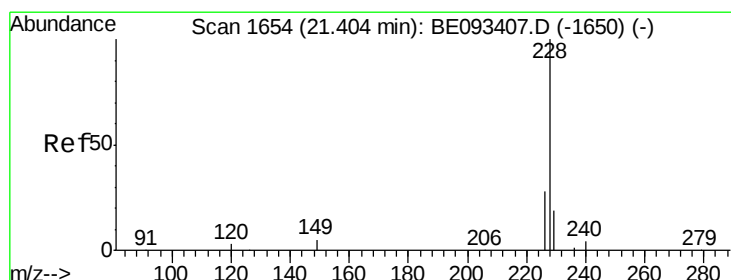
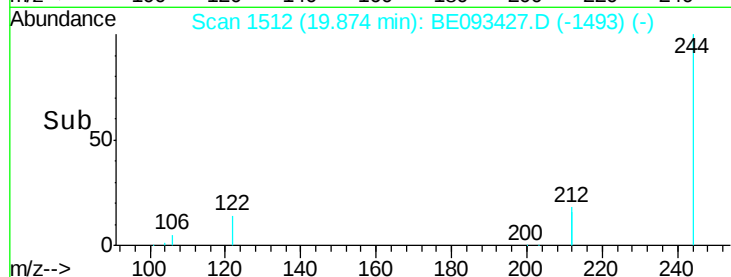
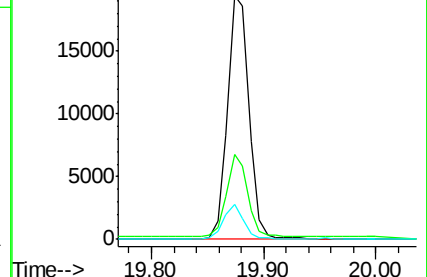
122 14.1 15.4 23.0#



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: 0.411 ng

RT: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

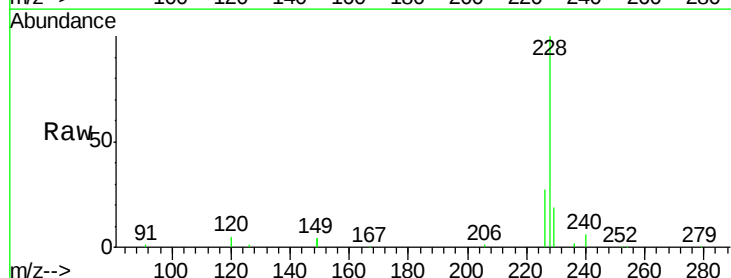
Tgt Ion:228 Resp: 40992

Ion Ratio Lower Upper

228 100

226 27.1 19.7 29.5

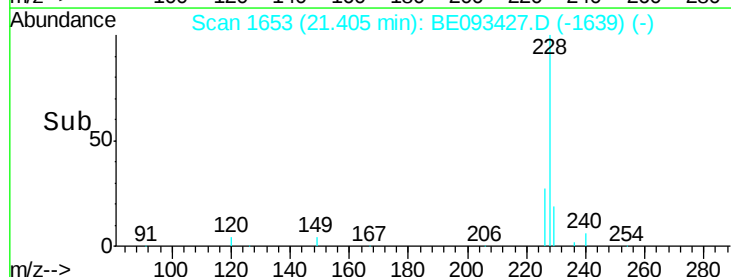
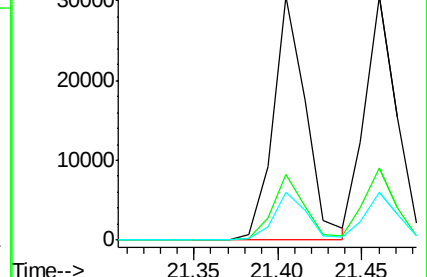
229 19.4 19.2 28.8

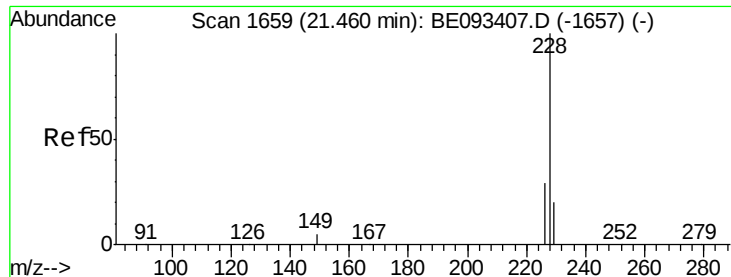


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.46 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

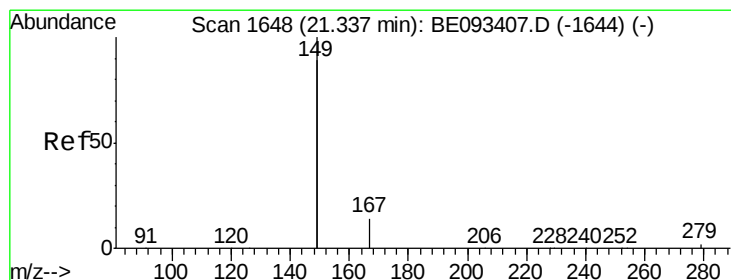
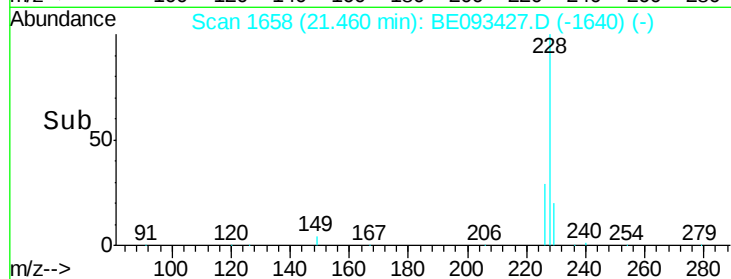
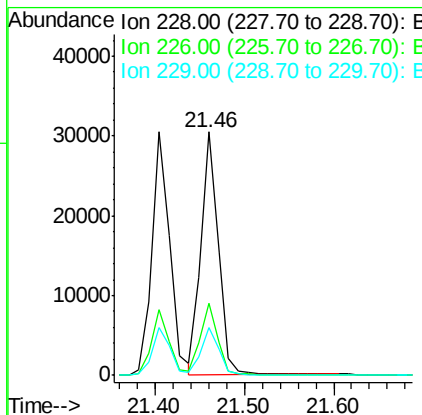
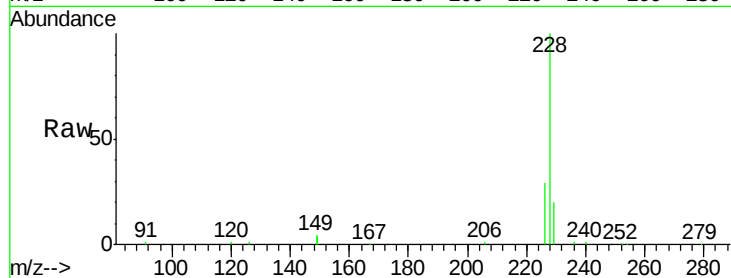
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	228	Resp:	40618
Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.5	32.3
229	19.9	18.6	28.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.474 ng

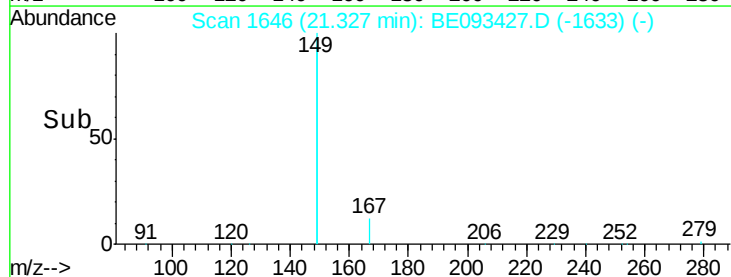
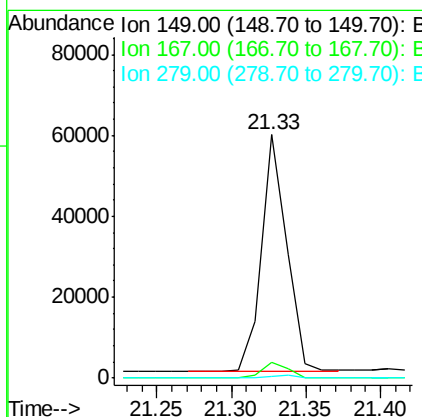
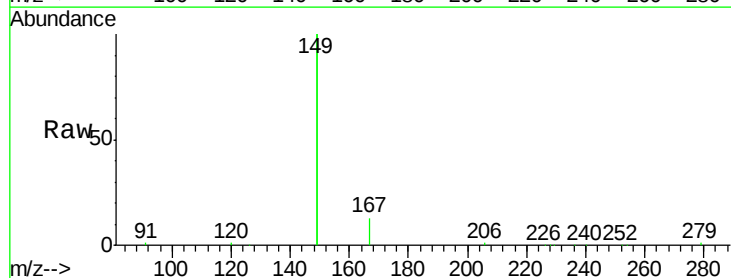
RT: 21.33 min Scan# 1646

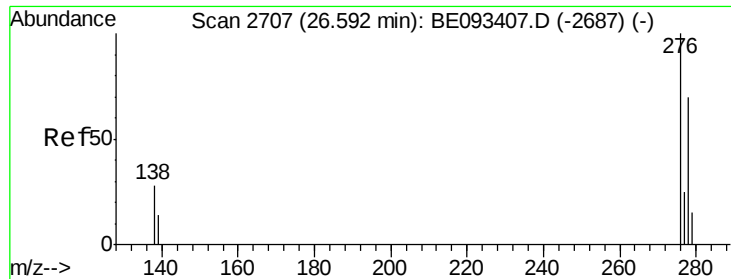
Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Tgt Ion:	149	Resp:	68069
Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.434 ng

RT: 26.58 min Scan# 2703

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

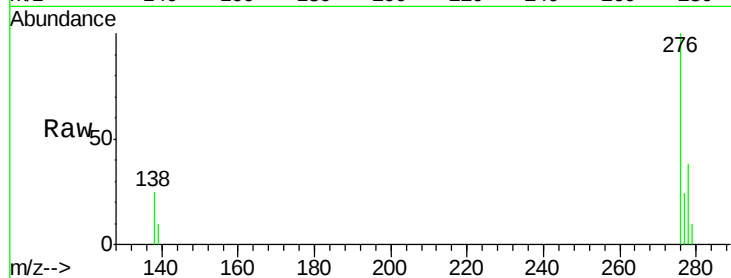
Tgt Ion:276 Resp: 39772

Ion Ratio Lower Upper

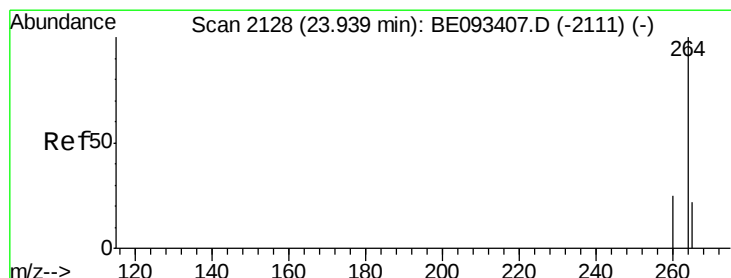
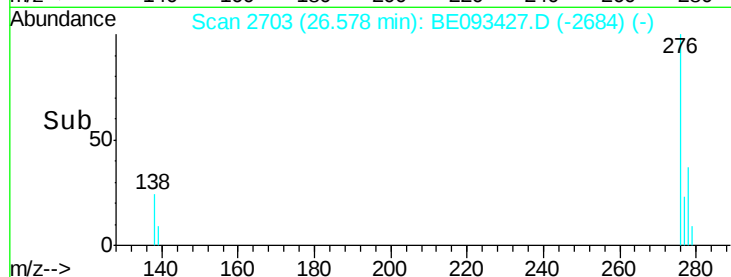
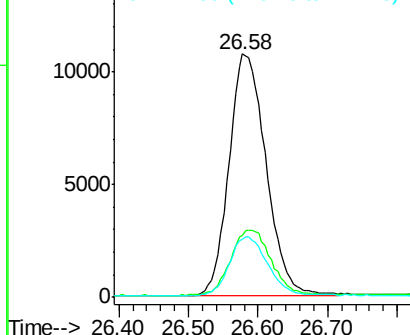
276 100

138 29.1 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: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

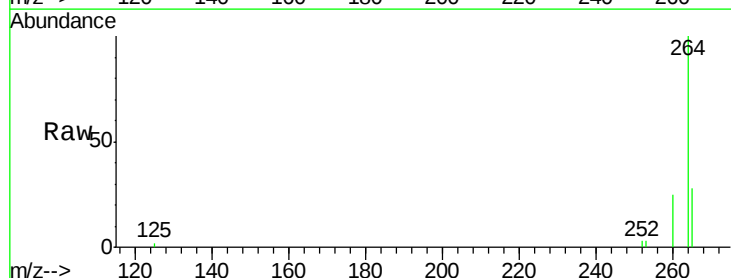
Tgt Ion:264 Resp: 33377

Ion Ratio Lower Upper

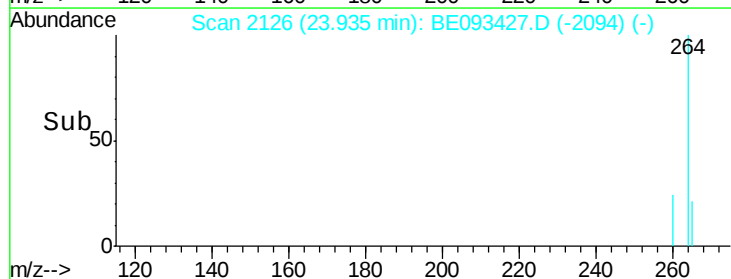
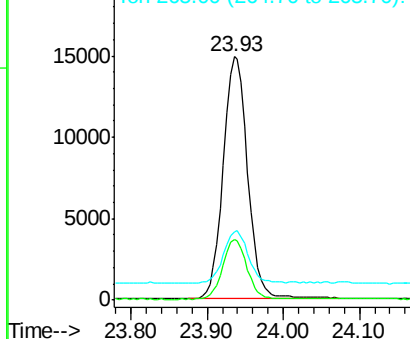
264 100

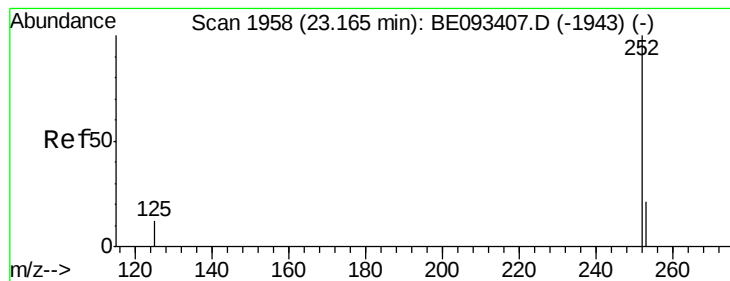
260 24.7 21.0 31.4

265 27.8 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: 0.366 ng

RT: 23.17 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

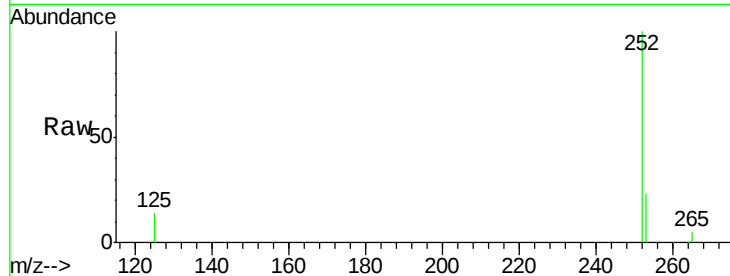
Tgt Ion:252 Resp: 39401

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

125 13.7 13.4 20.0

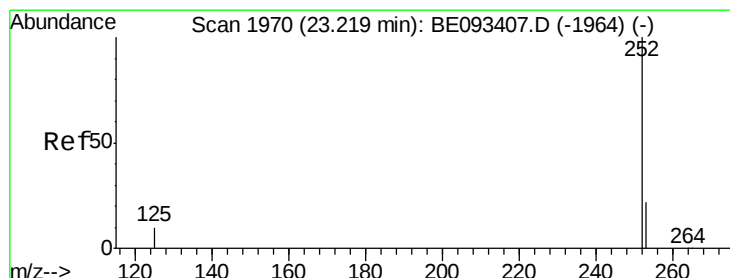
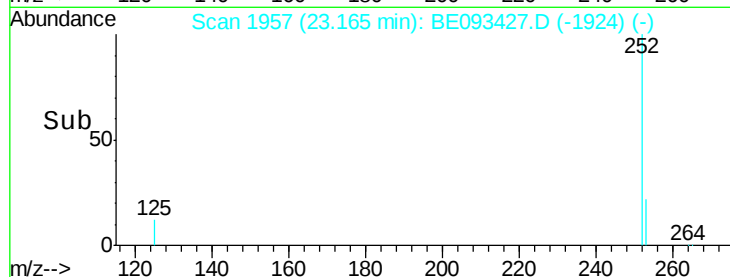
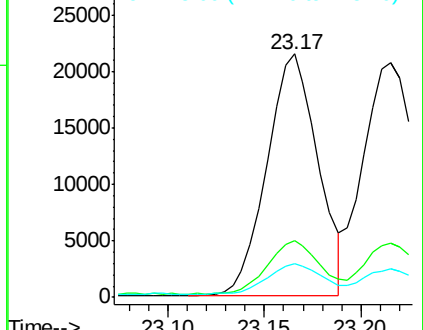


Abundance

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: 0.374 ng

RT: 23.22 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

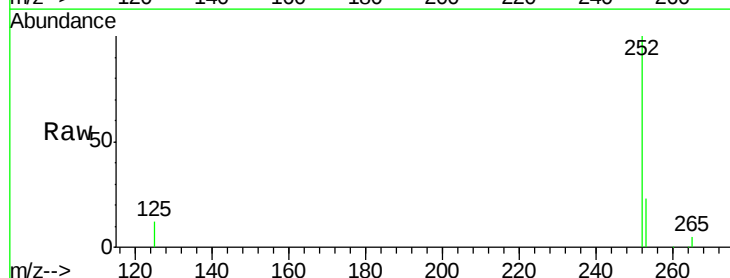
Tgt Ion:252 Resp: 39878

Ion Ratio Lower Upper

252 100

253 23.0 20.3 30.5

125 12.4 12.2 18.4

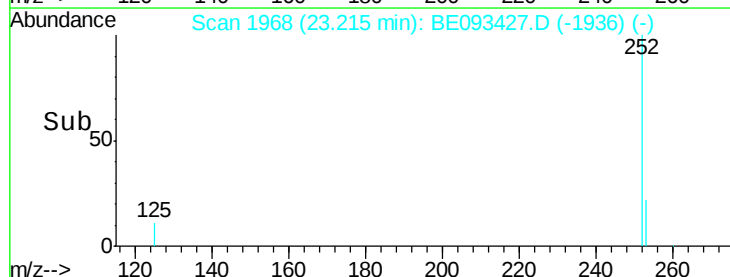
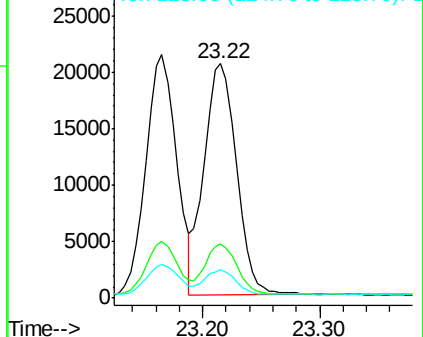


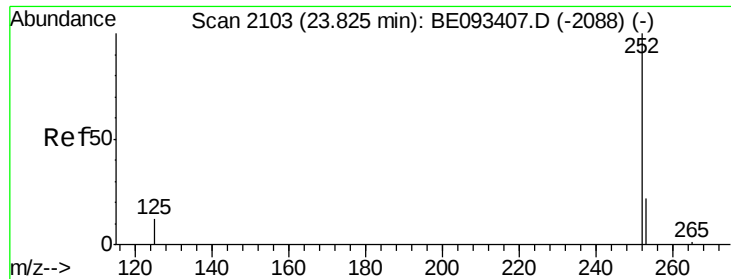
Abundance

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: 0.384 ng

RT: 23.82 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

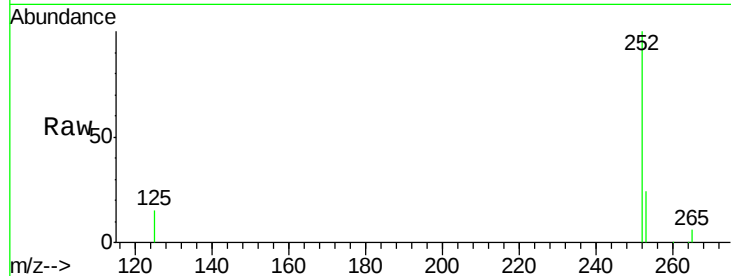
Tgt Ion: 252 Resp: 36257

Ion Ratio Lower Upper

252 100

253 23.6 19.9 29.9

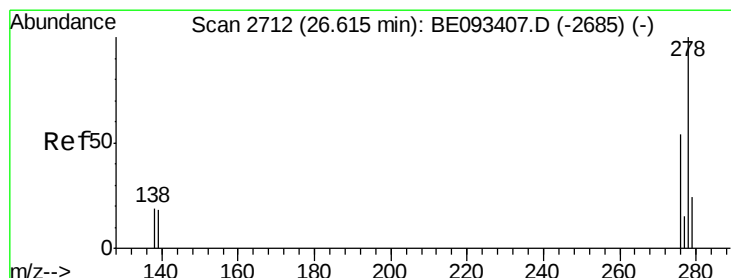
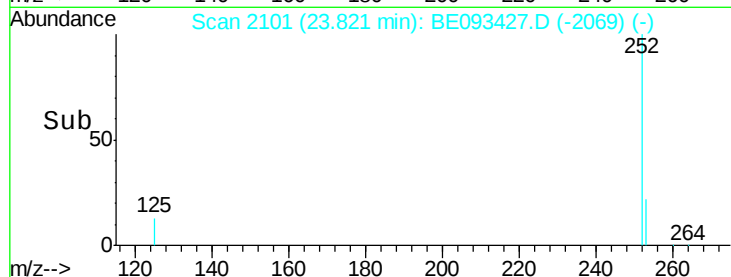
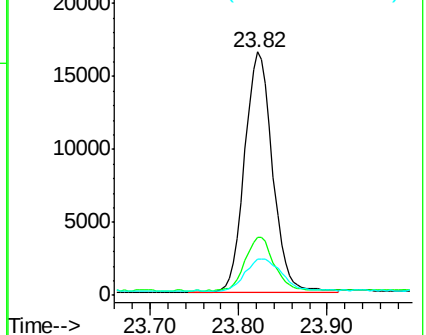
125 15.1 14.6 21.8



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: 0.387 ng

RT: 26.61 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

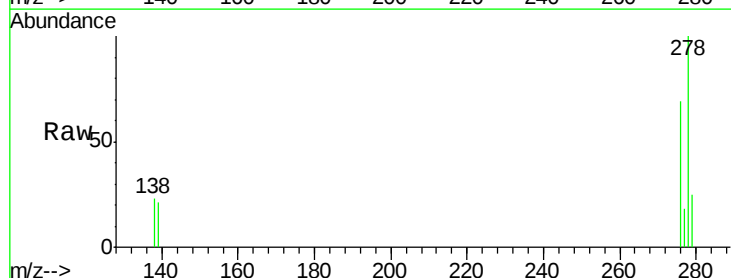
Tgt Ion: 278 Resp: 35486

Ion Ratio Lower Upper

278 100

139 21.0 21.4 32.0#

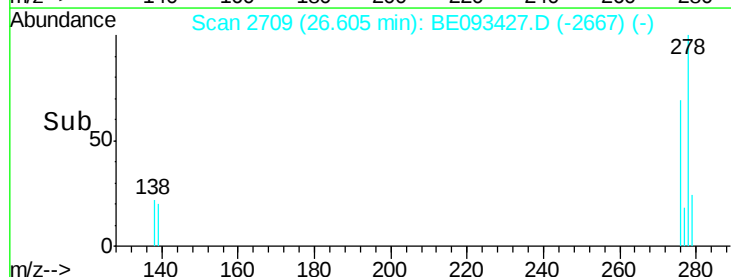
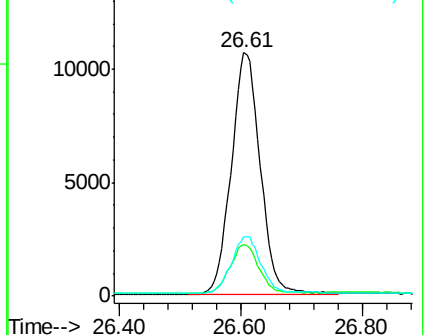
279 24.5 22.2 33.2

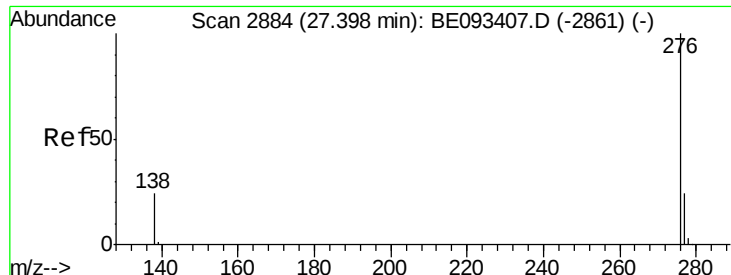


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.384 ng

RT: 27.40 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BE093427.D

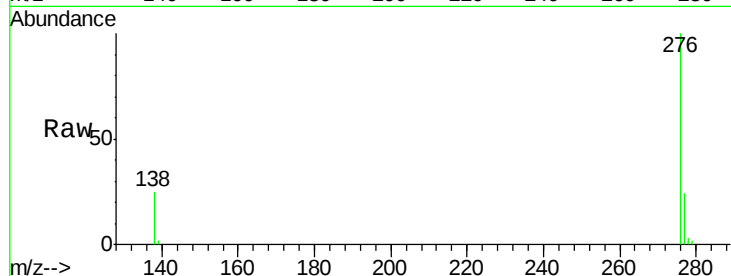
Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 35515

Ion Ratio Lower Upper

276 100

277 23.9 21.2 31.8

138 24.6 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

