

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093647.D
 Acq On : 3 Aug 2017 3:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc : I4426-07
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 03 04:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2613	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	12834	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7552	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19294	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20038	0.40	ng	-0.01
34) Perylene-d12	23.92	264	17153	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	3297	0.42	ng	0.00
5) Phenol-d6	7.09	99	4964	0.42	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3918	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8293	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	718	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11964	0.40	ng	-0.02
25) Fluoranthene-d10	19.27	212	82122	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	14246	0.40	ng	0.00

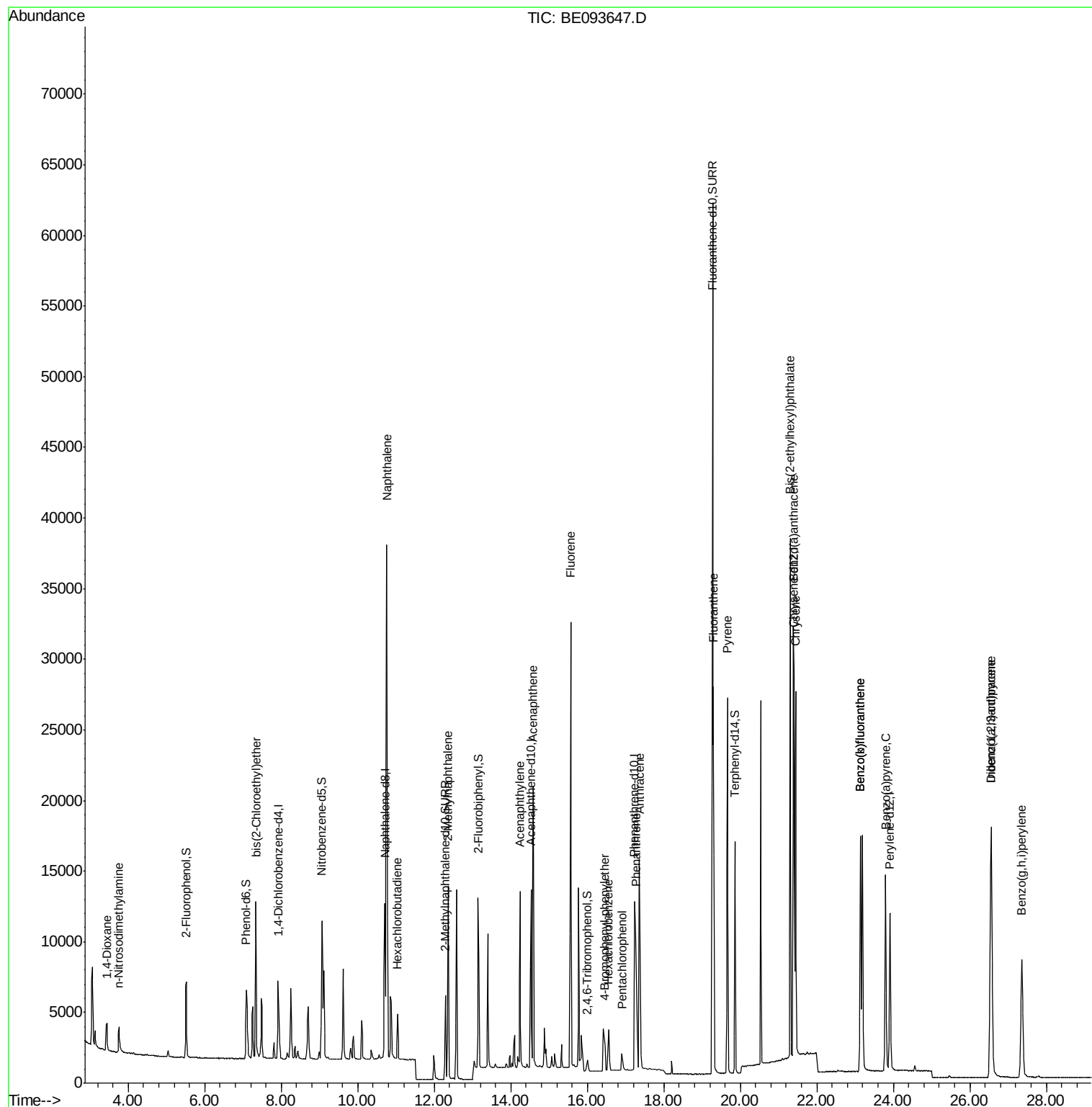
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1641	0.387	ng	95
3) n-Nitrosodimethylamine	3.74	42	1540	0.388	ng	90
6) bis(2-Chloroethyl)ether	7.34	93	3933	0.399	ng	# 98
9) Naphthalene	10.76	128	58240	0.392	ng	99
10) Hexachlorobutadiene	11.04	225	2224	0.404	ng	100
12) 2-Methylnaphthalene	12.36	142	9873	0.402	ng	97
16) Acenaphthylene	14.24	152	14502	0.402	ng	# 87
17) Acenaphthene	14.58	154	10114	0.397	ng	100
18) Fluorene	15.56	166	13155	0.387	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	2095	0.344	ng	89
21) Hexachlorobenzene	16.55	284	2388	0.400	ng	# 100
22) Pentachlorophenol	16.91	266	1261	0.485	ng	98
23) Phenanthrene	17.27	178	17211	0.406	ng	# 79
24) Anthracene	17.37	178	23087	0.398	ng	# 88
26) Fluoranthene	19.30	202	25252	0.374	ng	98
28) Pyrene	19.66	202	25605	0.395	ng	# 99
30) Benzo(a)anthracene	21.39	228	24188	0.411	ng	94
31) Chrysene	21.45	228	25546	0.389	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	38752	0.483	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	24614	0.414	ng	94
35) Benzo(b)fluoranthene	23.14	252	23817	0.389	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	23817	0.381	ng	95
37) Benzo(a)pyrene	23.80	252	22167	0.400	ng	96
38) Dibenzo(a,h)anthracene	26.57	278	21313	0.398	ng	# 89
39) Benzo(g,h,i)perylene	27.36	276	21123	0.389	ng	# 92

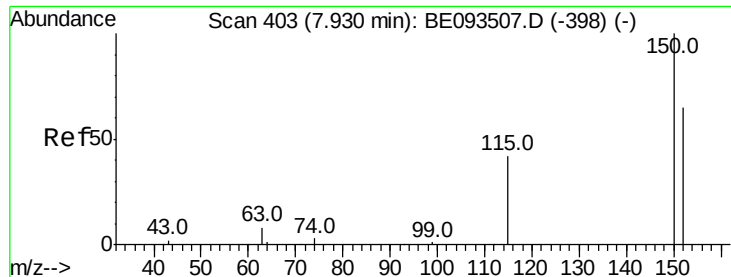
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

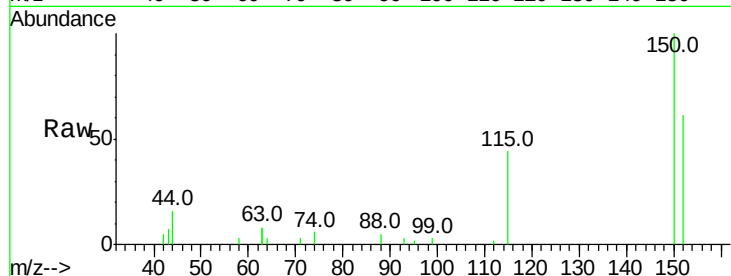
Tot Ion:152 Resp: 2613

Ion Ratio Lower Upper

152 100

150 163.7 125.1 187.7

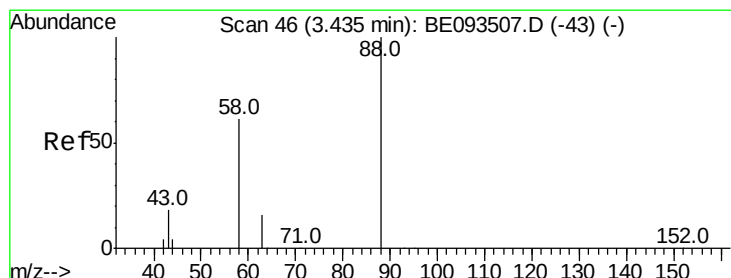
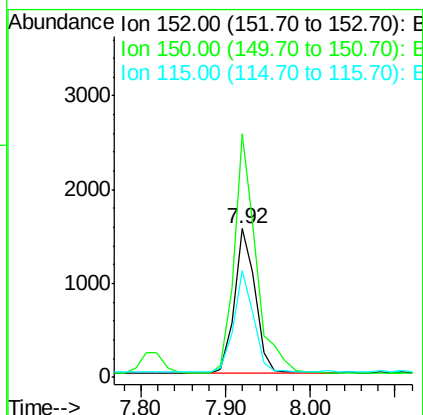
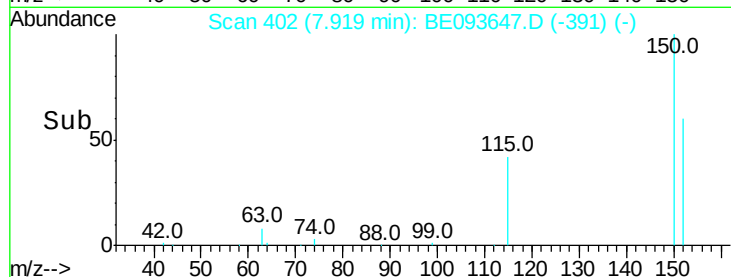
115 71.3 55.7 83.5



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: 0.387 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

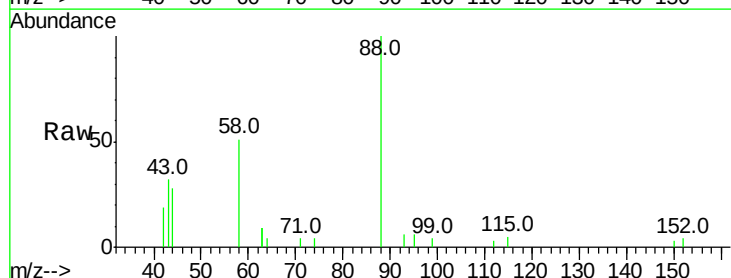
Tgt Ion: 88 Resp: 1641

Ion Ratio Lower Upper

88 100

58 83.6 62.2 93.4

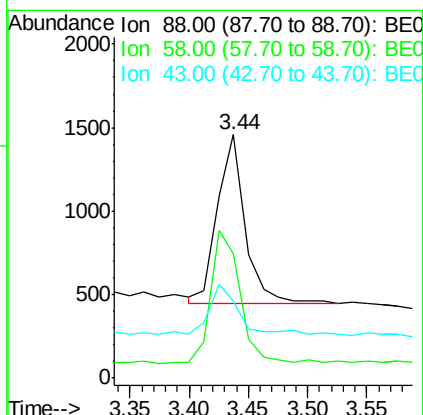
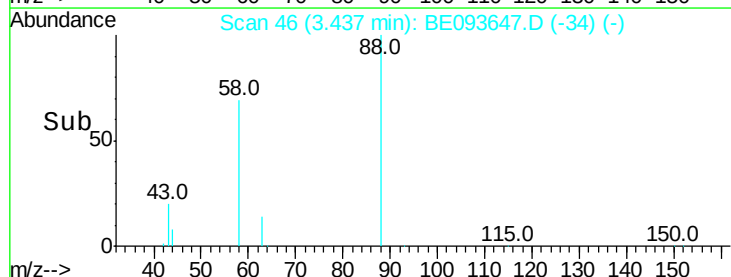
43 29.9 23.2 34.8

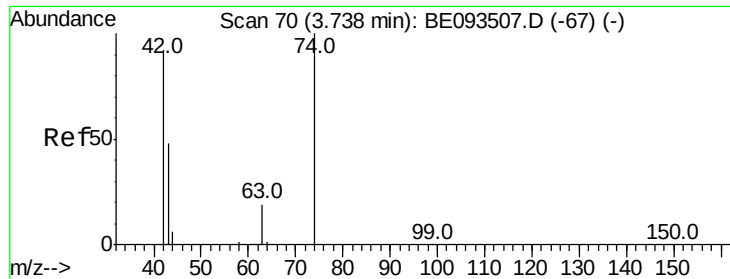


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.388 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

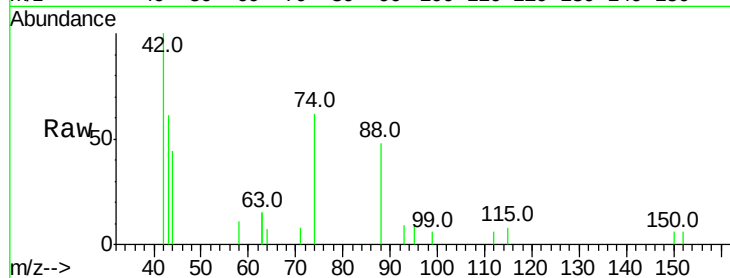
Tot Ion: 42 Resp: 1540

Ion Ratio Lower Upper

42 100

74 135.3 99.1 148.7

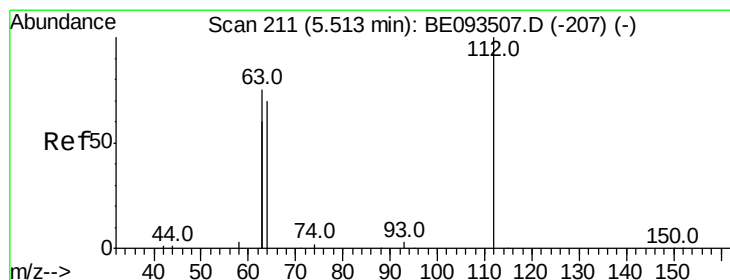
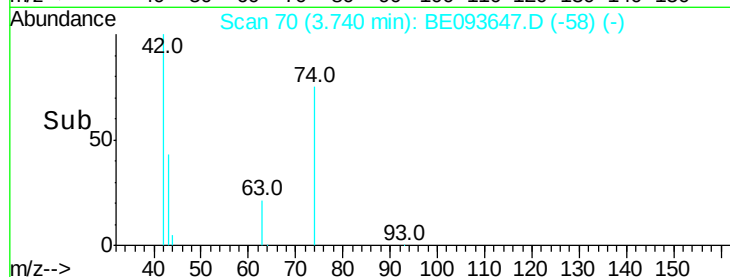
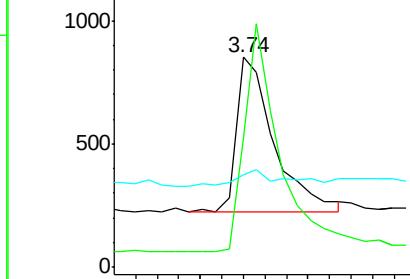
44 10.5 7.4 11.2



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: 0.424 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

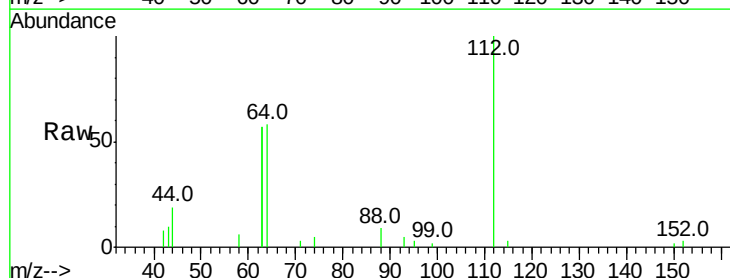
Tgt Ion: 112 Resp: 3297

Ion Ratio Lower Upper

112 100

64 71.7 56.4 84.6

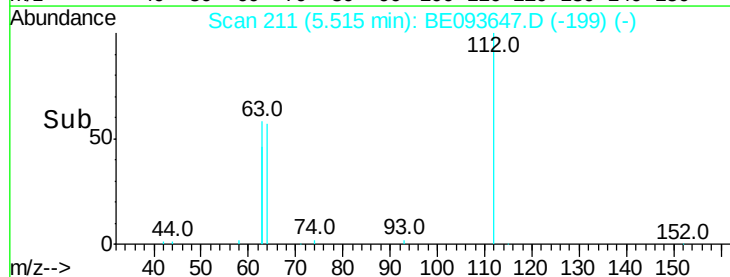
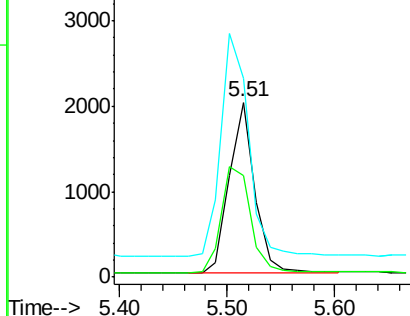
63 140.8 29.3 43.9#

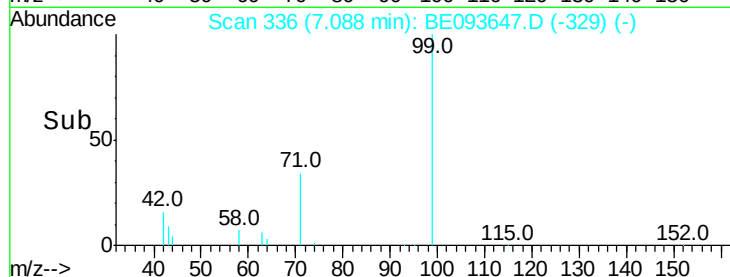
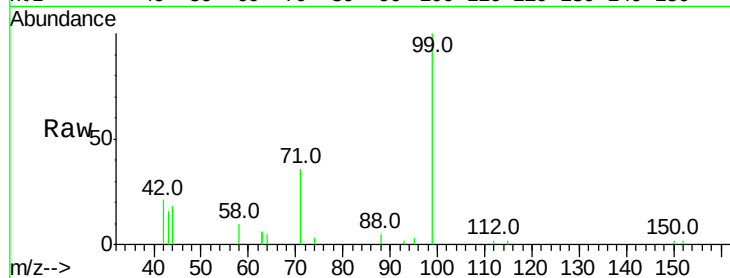
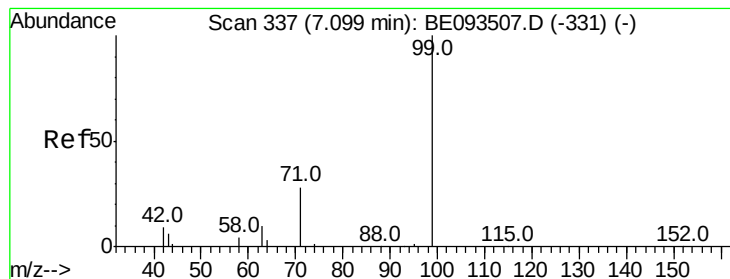


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.424 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

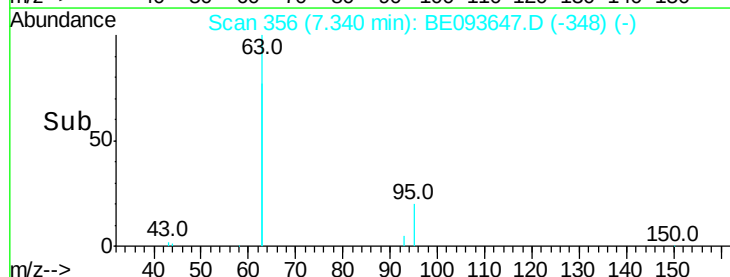
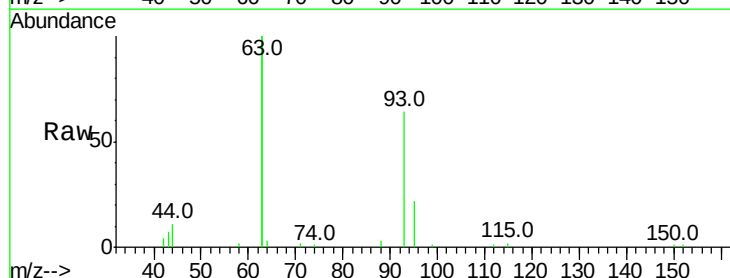
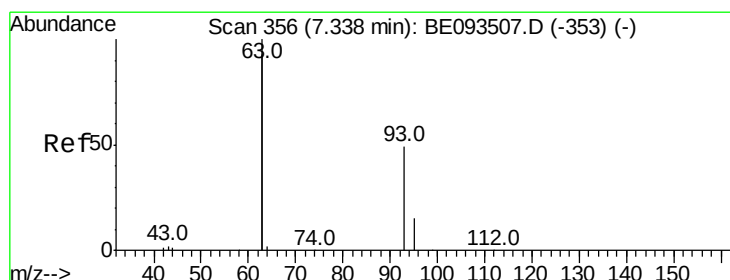
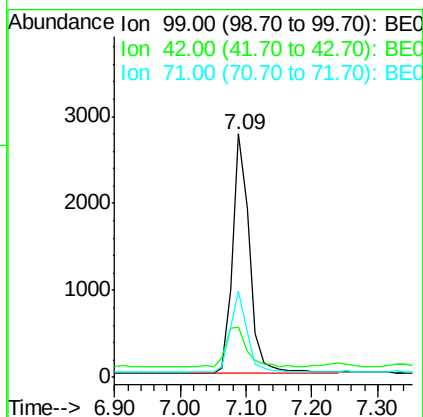
Tot Ion: 99 Resp: 4964

Ion Ratio Lower Upper

99 100

42 20.2 0.0 0.0#

71 33.4 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

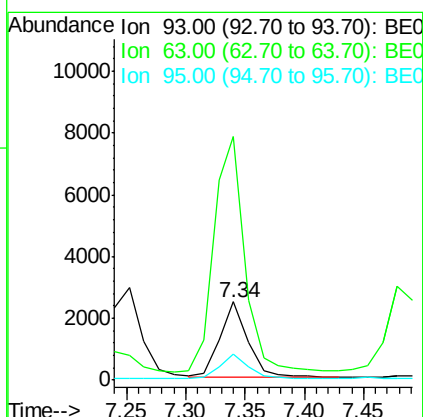
Tgt Ion: 93 Resp: 3933

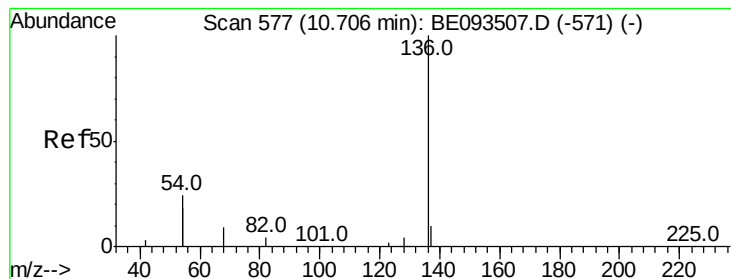
Ion Ratio Lower Upper

93 100

63 345.6 0.0 0.0#

95 33.0 25.4 38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 12834

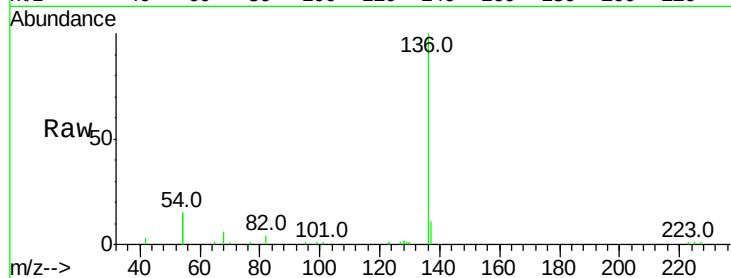
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 30.5 10.3 15.5#

68 6.5 9.0 13.4#

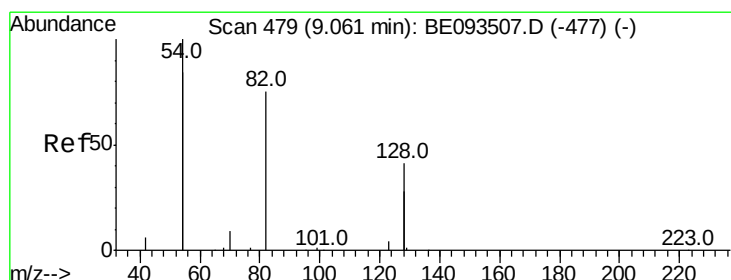
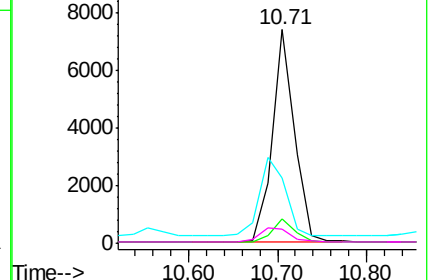
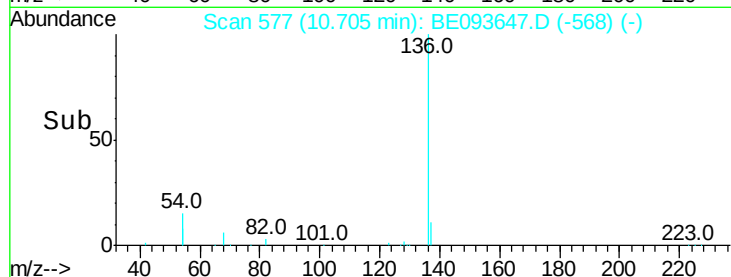


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

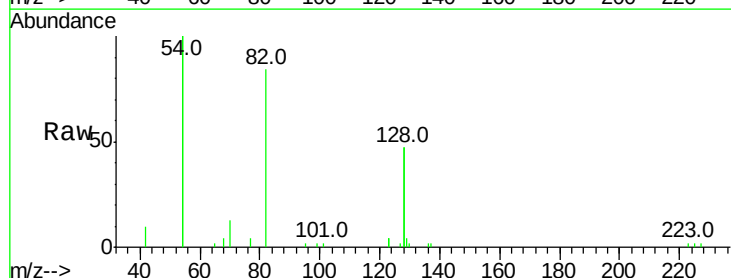
Tgt Ion: 82 Resp: 3918

Ion Ratio Lower Upper

82 100

128 111.7 17.0 25.4#

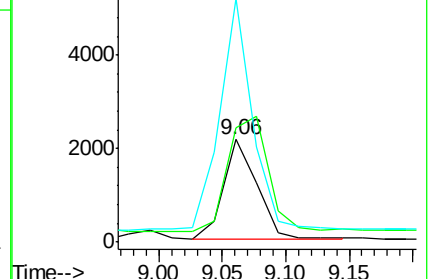
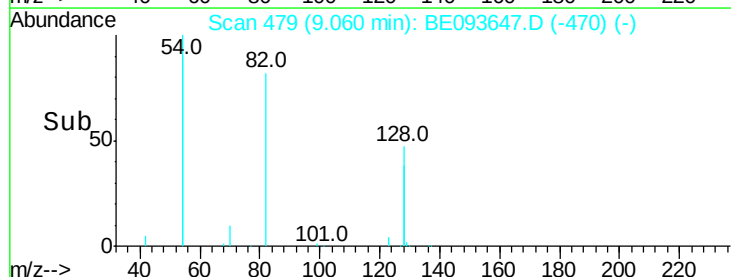
54 237.3 53.8 80.6#

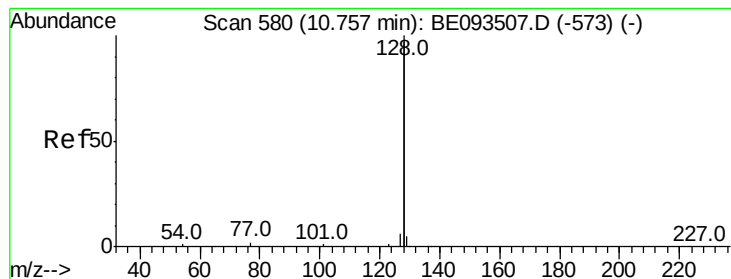


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

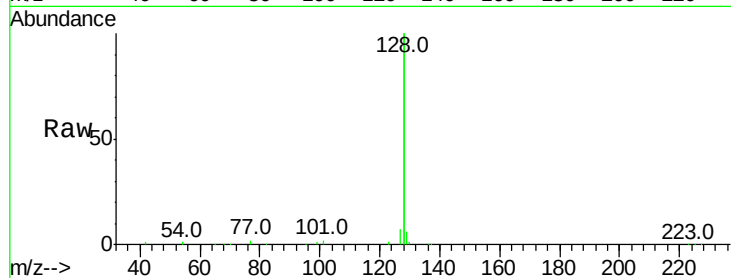
Tot Ion:128 Resp: 58240

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

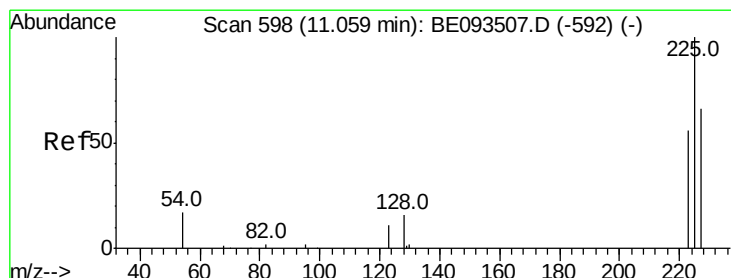
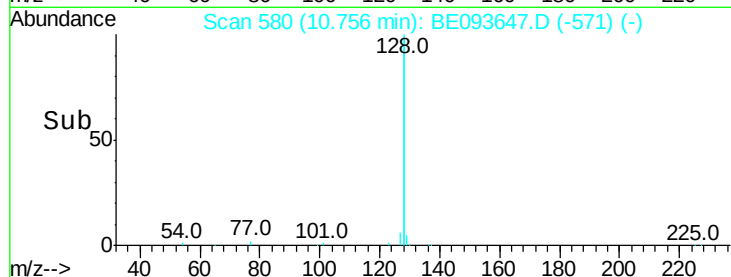
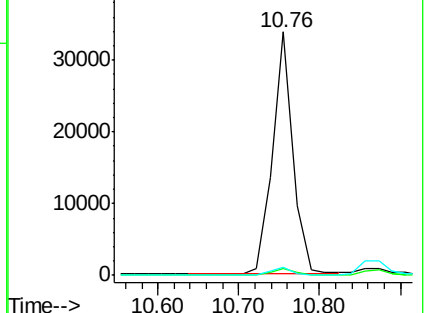
127 3.3 2.4 3.6



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: 0.404 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

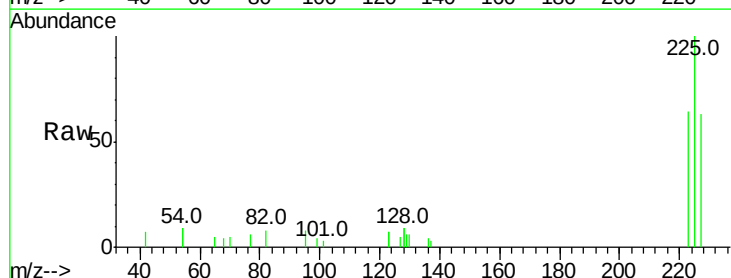
Tgt Ion:225 Resp: 2224

Ion Ratio Lower Upper

225 100

223 61.9 49.7 74.5

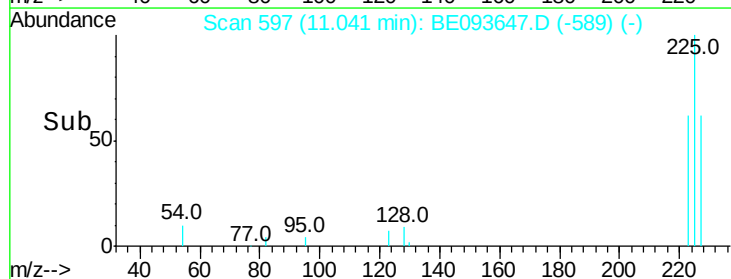
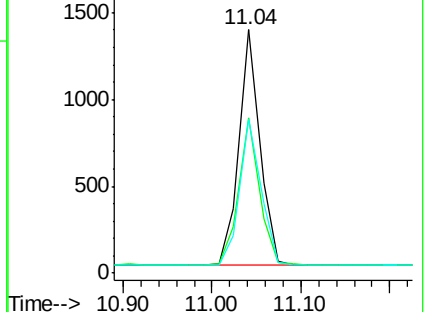
227 63.1 50.3 75.5

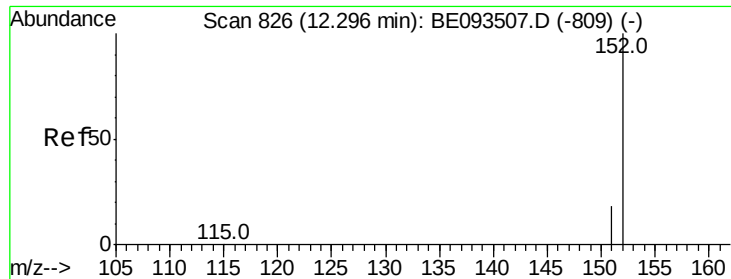


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

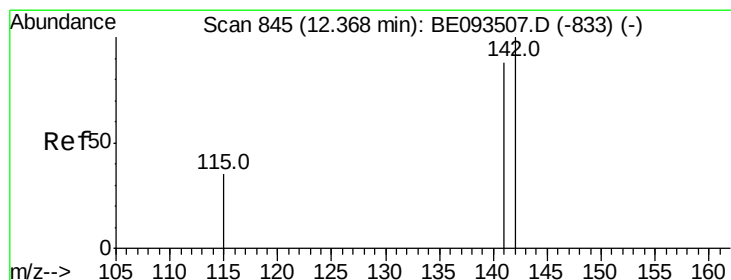
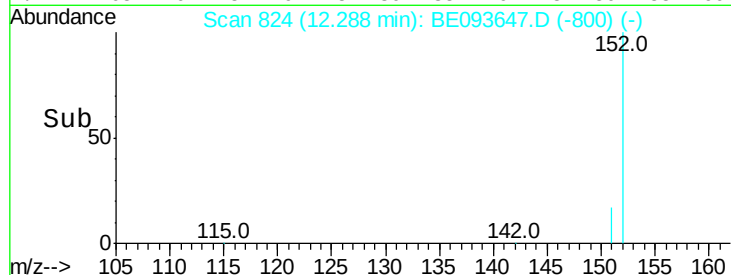
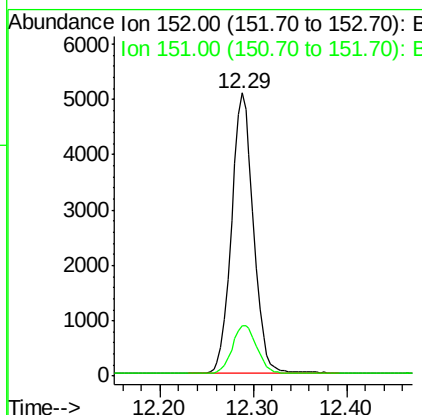
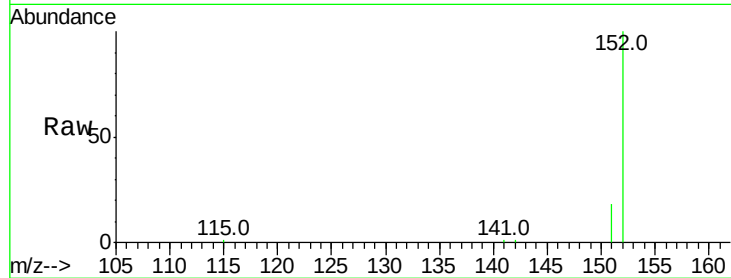




#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093647.D
Acq: 3 Aug 2017 3:58

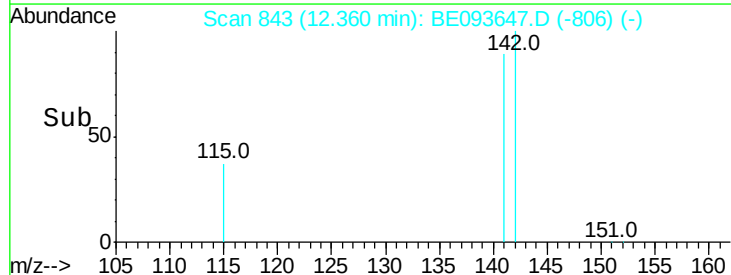
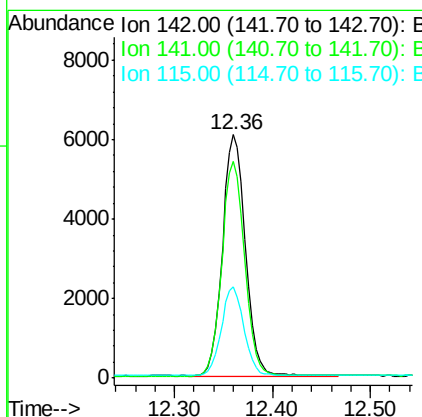
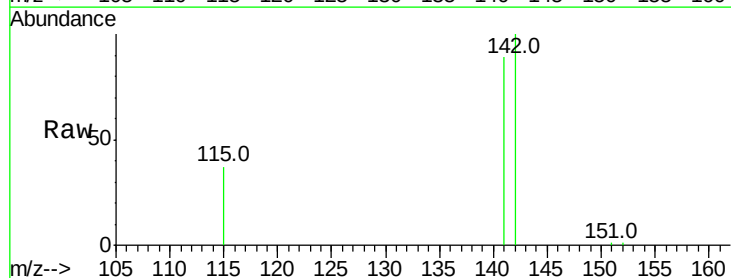
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

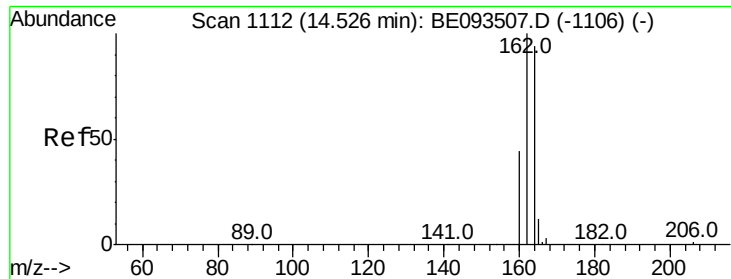
Tot Ion:152 Resp: 8293
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093647.D
Acq: 3 Aug 2017 3:58

Tgt Ion:142 Resp: 9873
Ion Ratio Lower Upper
142 100
141 88.8 72.6 108.8
115 37.3 32.2 48.2

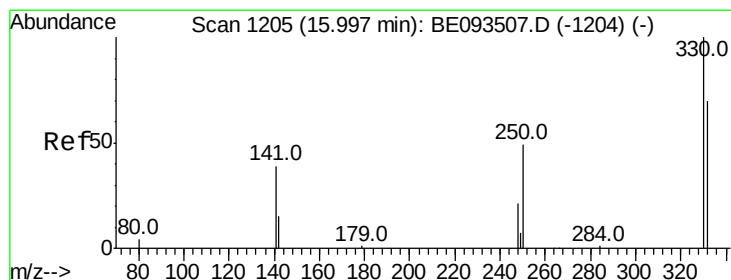
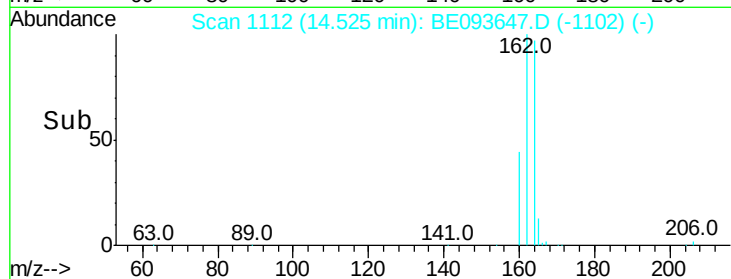
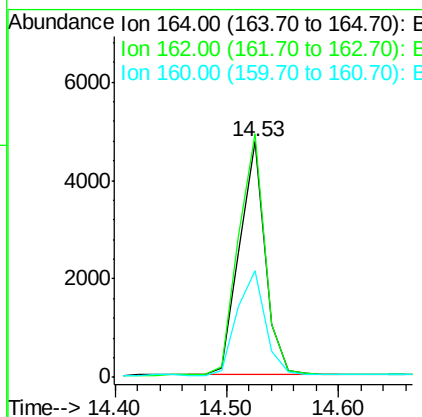
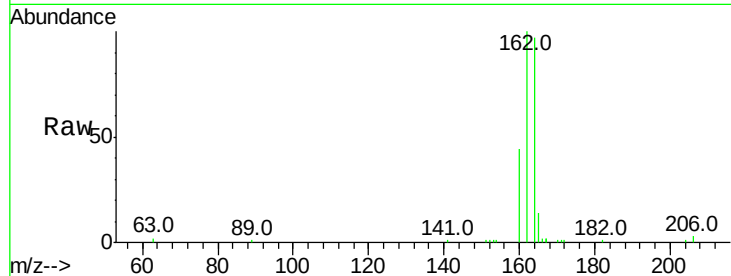




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093647.D
Acq: 3 Aug 2017 3:58

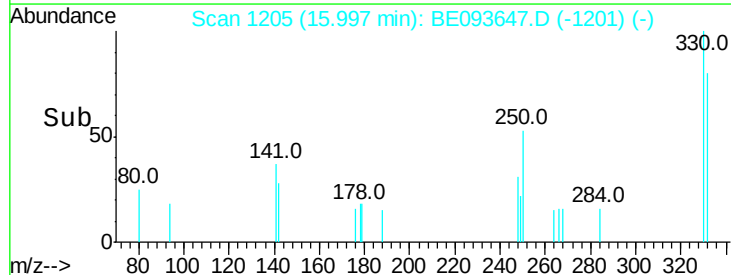
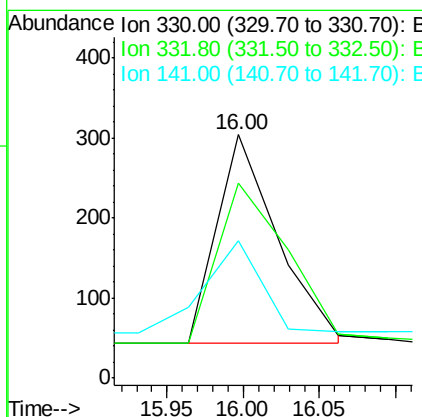
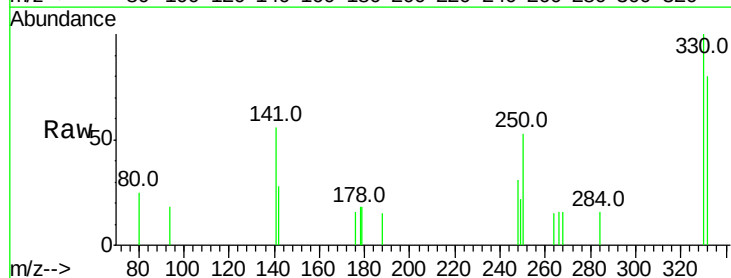
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

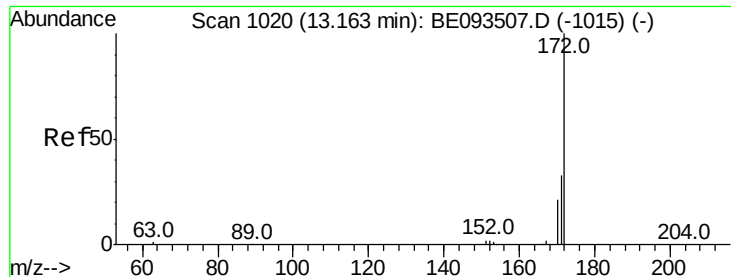
Tot Ion:164 Resp: 7552
Ion Ratio Lower Upper
164 100
162 103.3 84.6 127.0
160 45.5 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093647.D
Acq: 3 Aug 2017 3:58

Tgt Ion:330 Resp: 718
Ion Ratio Lower Upper
330 100
332 89.1 77.7 116.5
141 42.8 56.2 84.4#

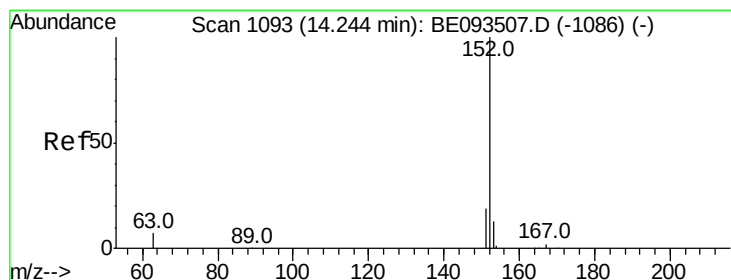
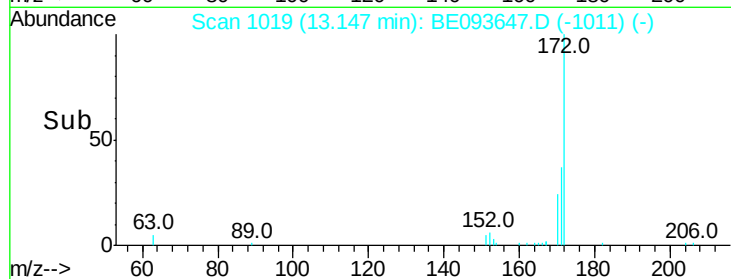
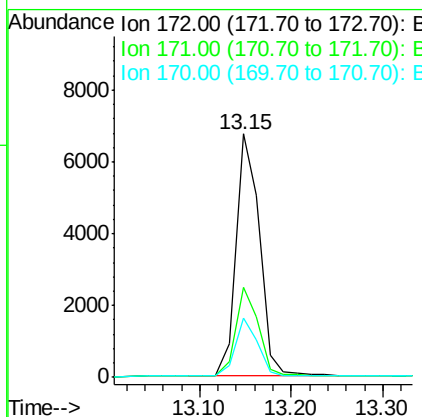
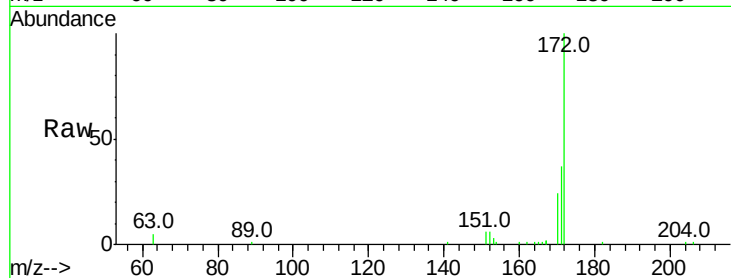




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093647.D
Acq: 3 Aug 2017 3:58

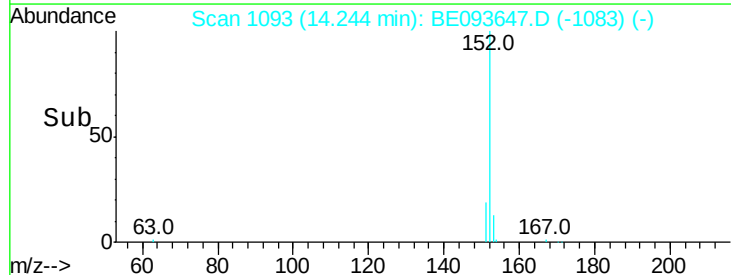
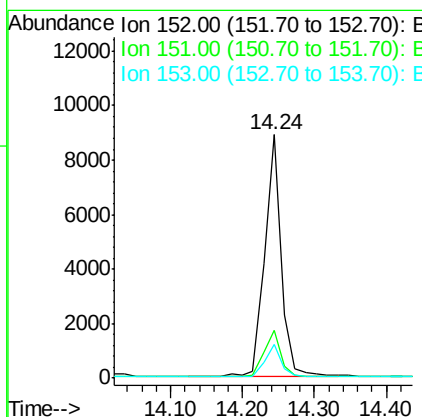
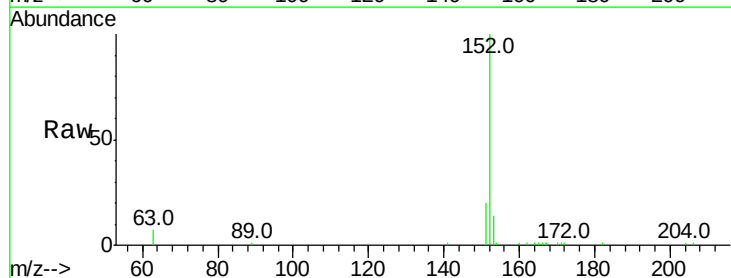
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

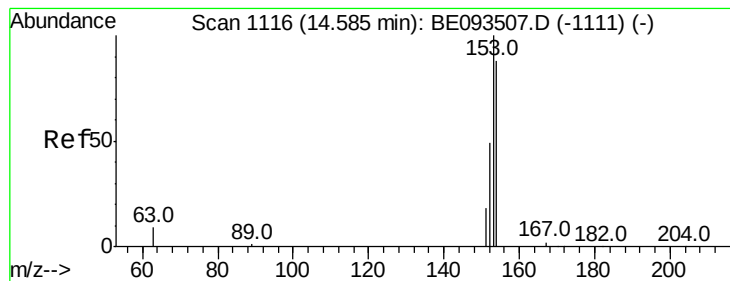
Tot Ion:172 Resp: 11964
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.402 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093647.D
Acq: 3 Aug 2017 3:58

Tgt Ion:152 Resp: 14502
Ion Ratio Lower Upper
152 100
151 19.9 4.0 6.0#
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

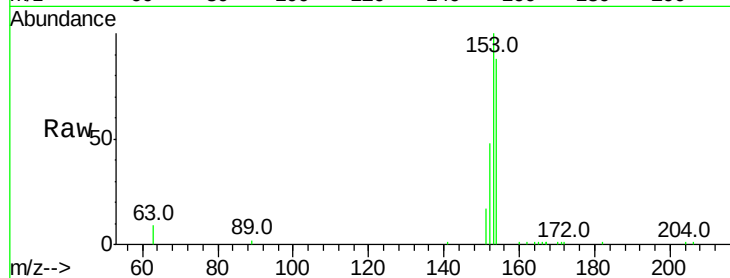
Tot Ion:154 Resp: 10114

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

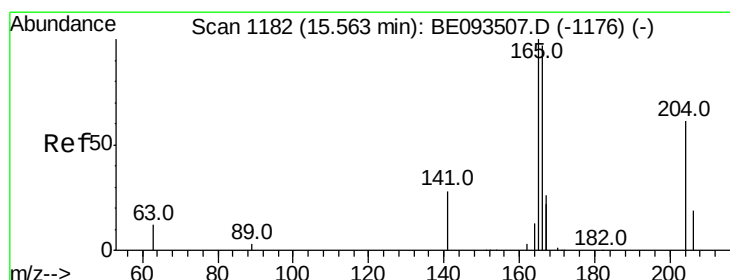
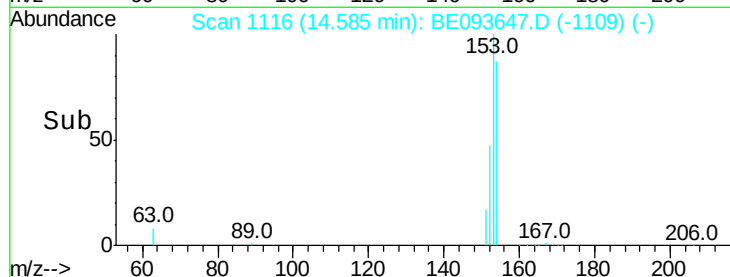
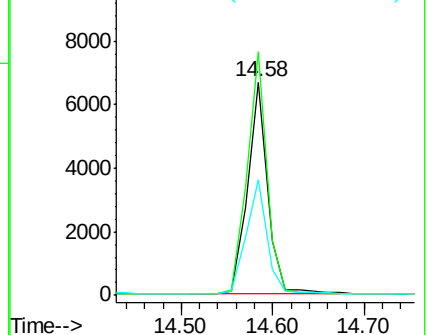
152 55.4 44.8 67.2



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: 0.387 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

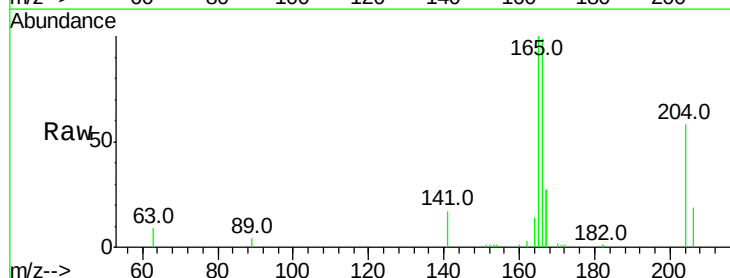
Tgt Ion:166 Resp: 13155

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

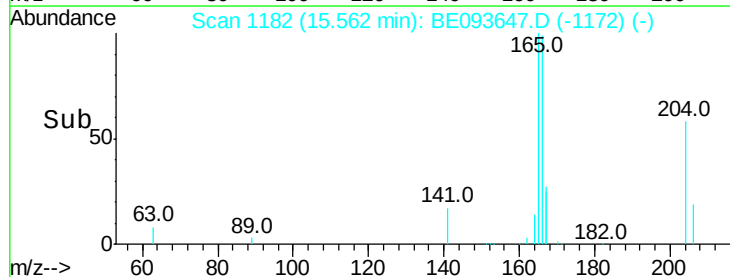
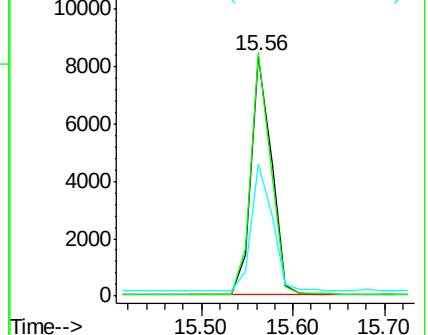
167 54.1 11.1 16.7#

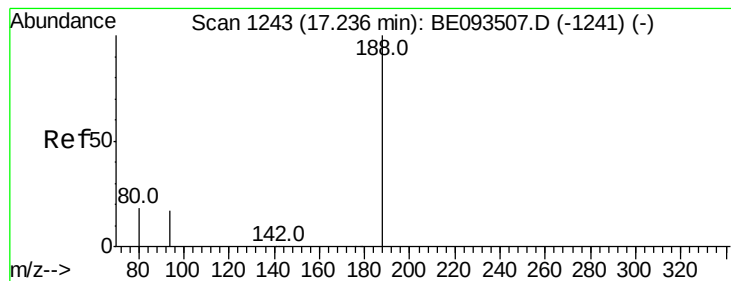


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

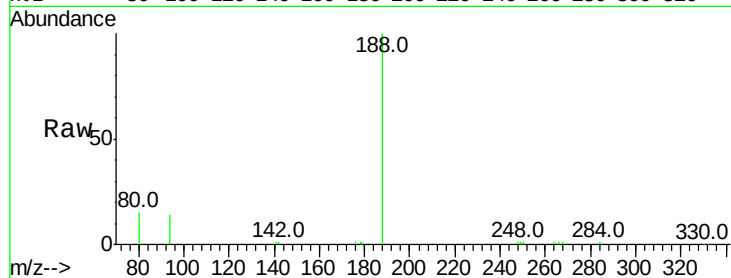
Tot Ion:188 Resp: 19294

Ion Ratio Lower Upper

188 100

94 13.9 11.3 16.9

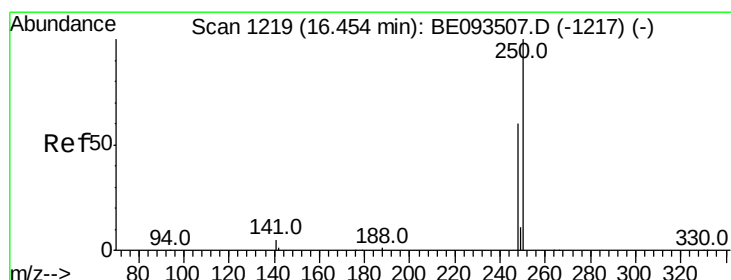
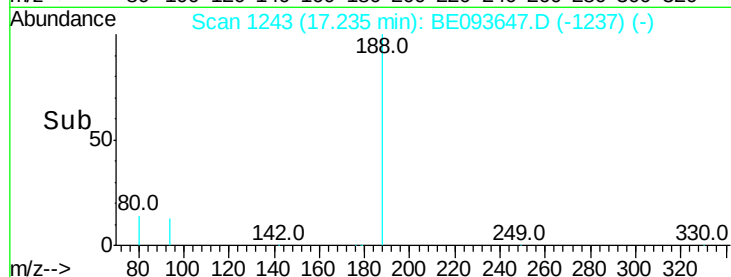
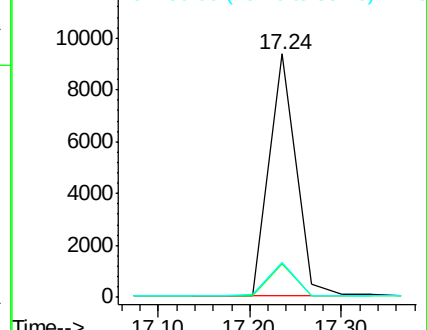
80 14.6 11.7 17.5



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: 0.344 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

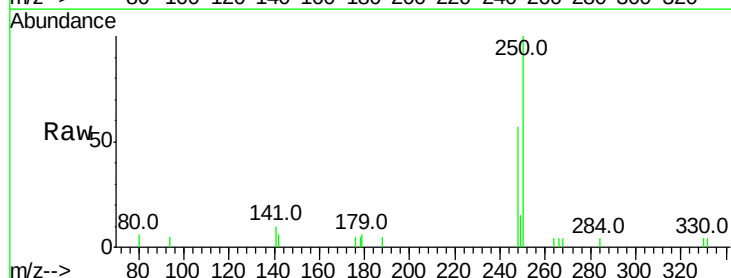
Tgt Ion:248 Resp: 2095

Ion Ratio Lower Upper

248 100

250 175.4 128.0 192.0

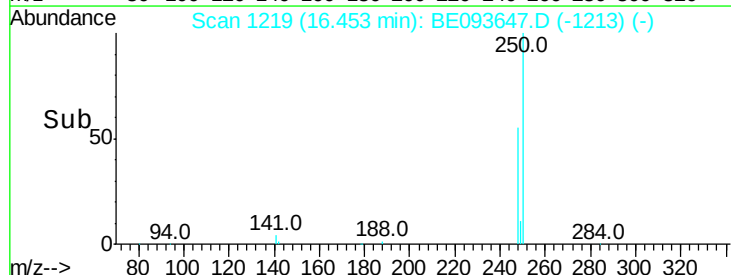
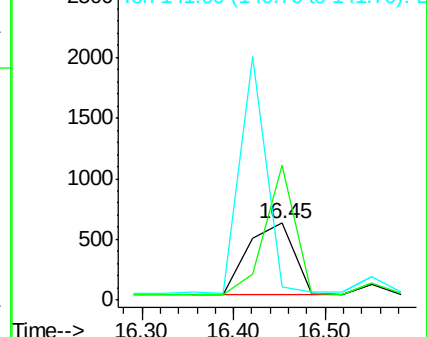
141 16.7 12.0 18.0

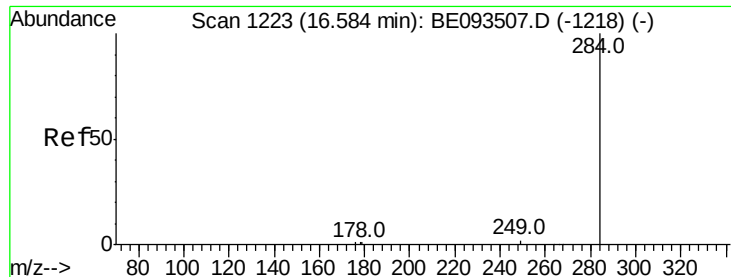


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

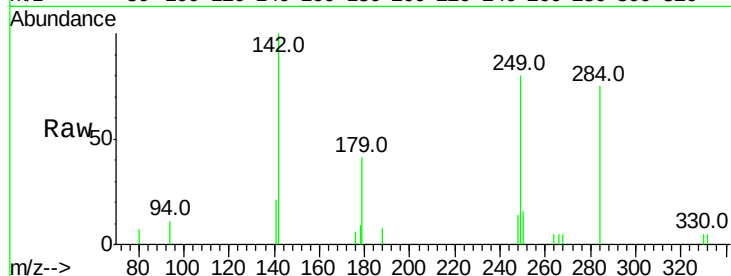
Tot Ion:284 Resp: 2388

Ion Ratio Lower Upper

284 100

142 73.0 0.0 0.0#

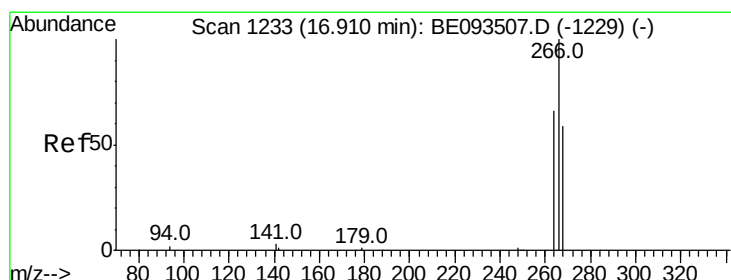
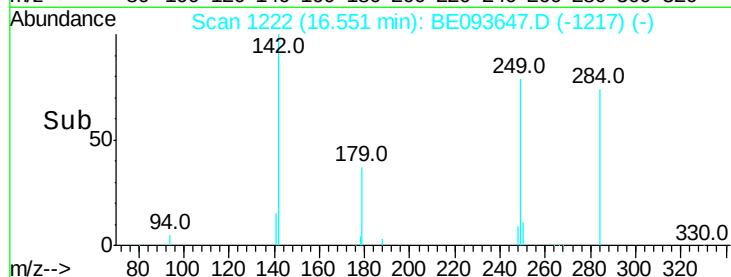
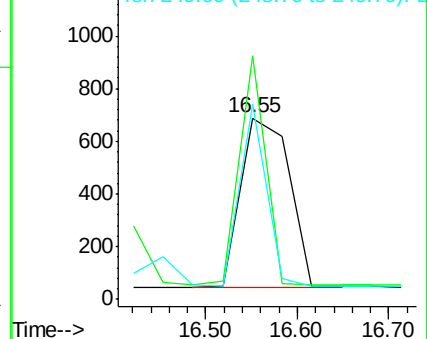
249 58.6 0.0 0.0#



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: 0.485 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

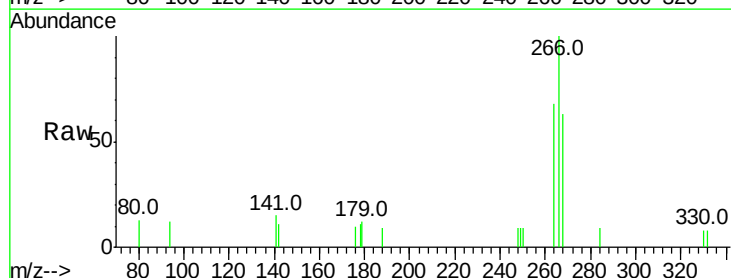
Tgt Ion:266 Resp: 1261

Ion Ratio Lower Upper

266 100

264 67.9 56.0 84.0

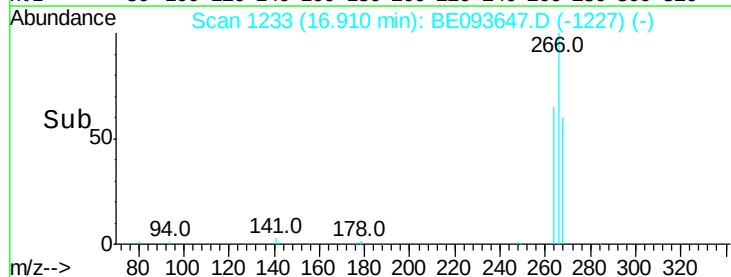
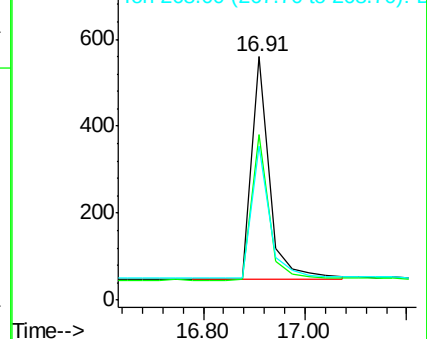
268 63.4 52.0 78.0

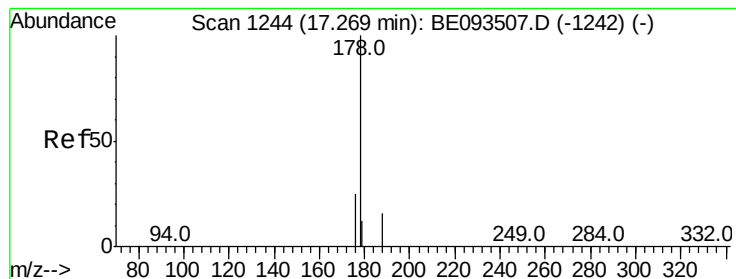


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.406 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

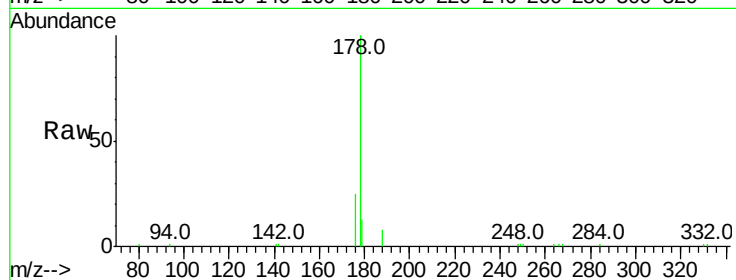
Tot Ion:178 Resp: 17211

Ion Ratio Lower Upper

178 100

176 21.5 15.0 22.4

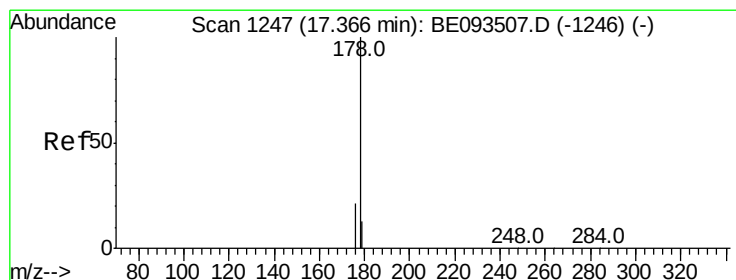
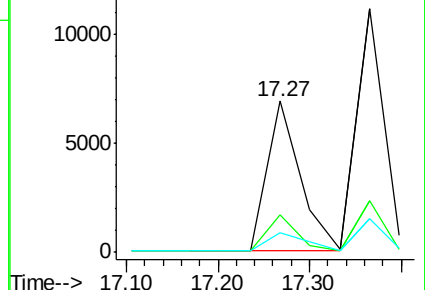
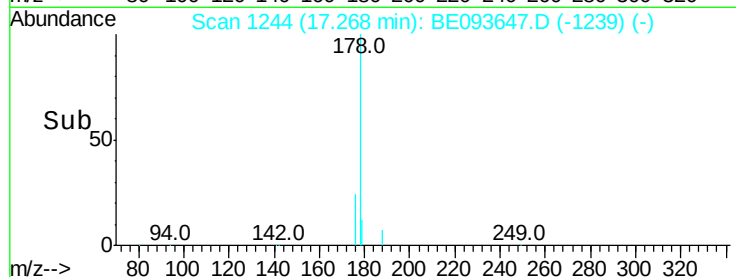
179 0.0 12.7 19.1#



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: 0.398 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

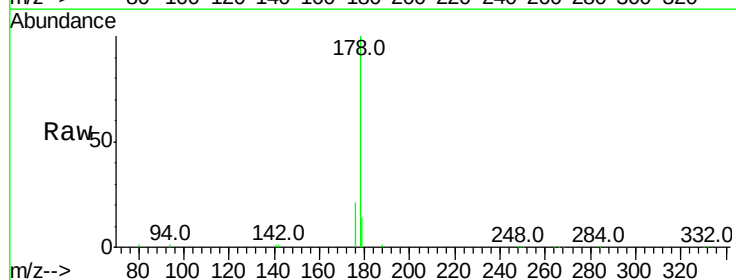
Tgt Ion:178 Resp: 23087

Ion Ratio Lower Upper

178 100

176 20.4 14.6 22.0

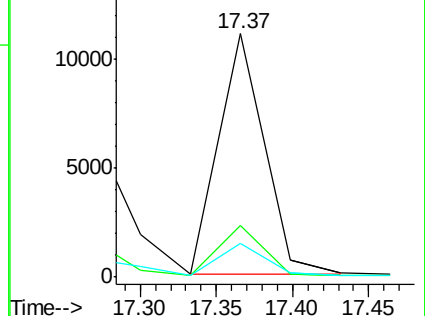
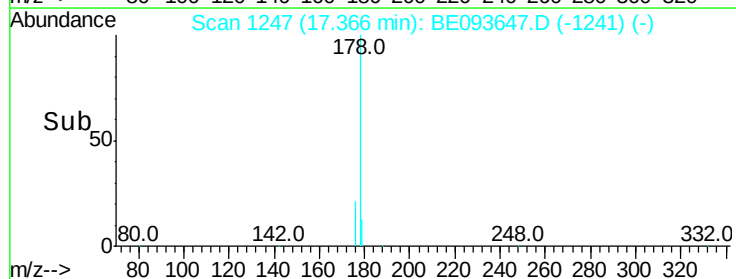
179 24.1 12.0 18.0#

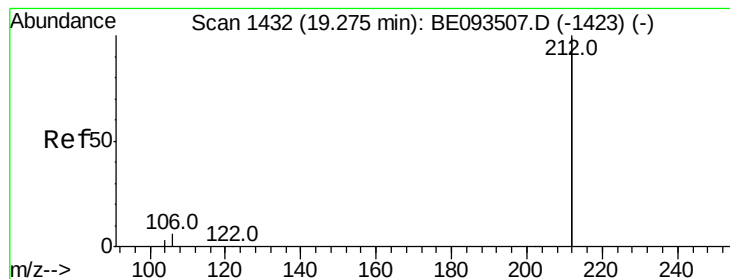


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

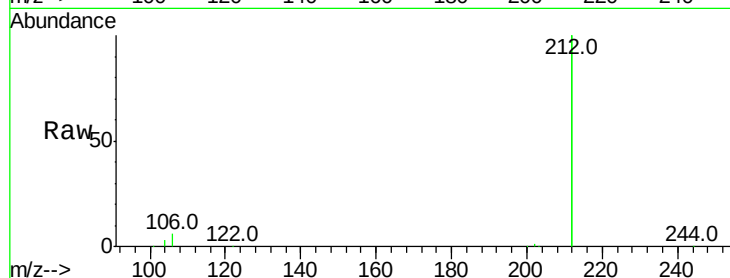
Tot Ion:212 Resp: 82122

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

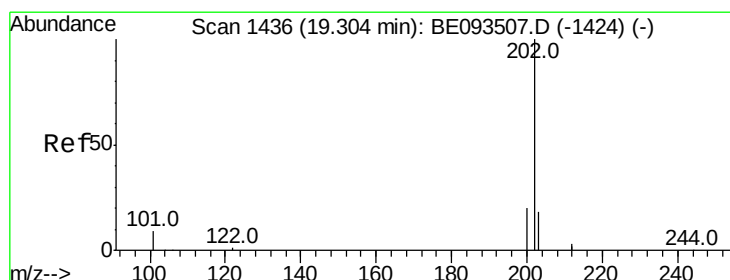
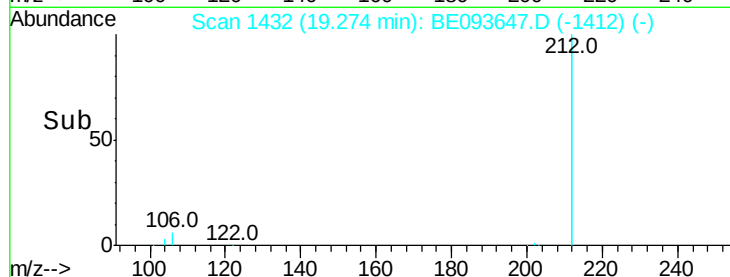
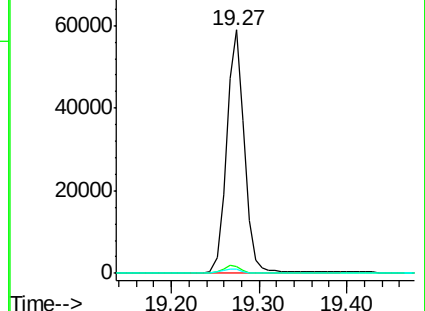
104 1.9 1.6 2.4



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: 0.374 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

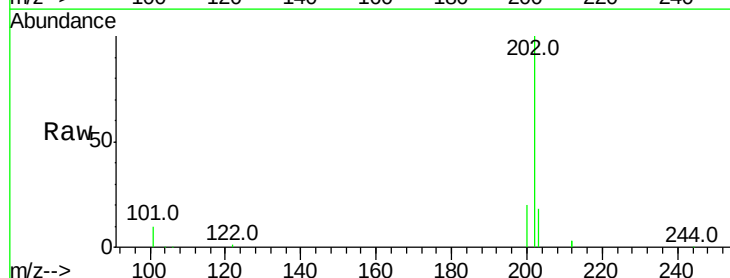
Tgt Ion:202 Resp: 25252

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

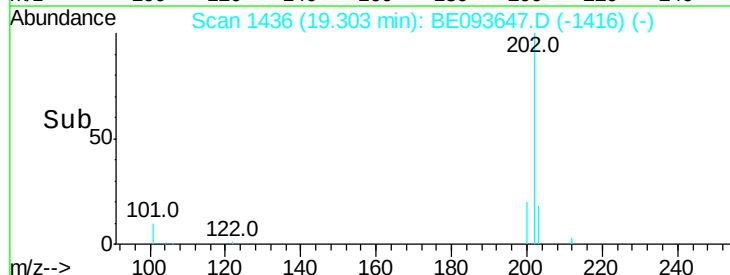
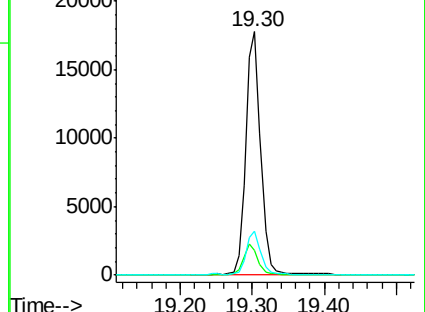
203 16.9 14.4 21.6

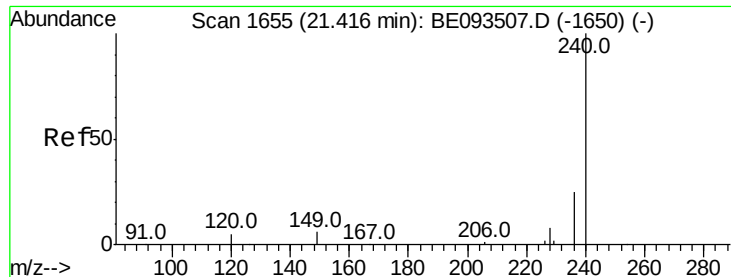


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

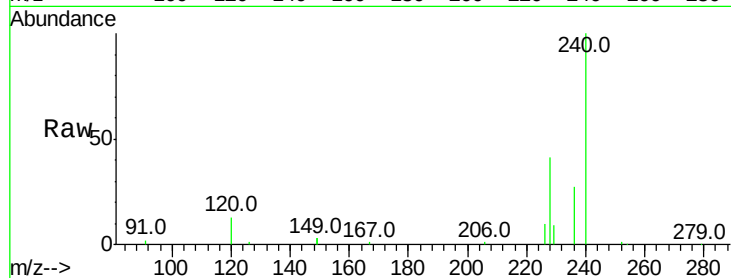
Tot Ion:240 Resp: 20038

Ion Ratio Lower Upper

240 100

120 13.0 4.6 7.0#

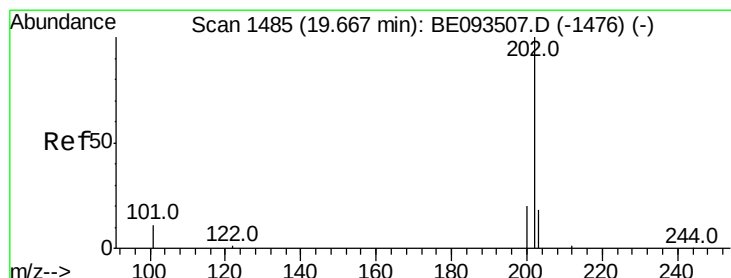
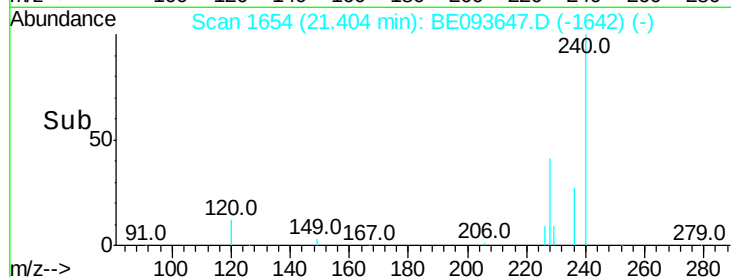
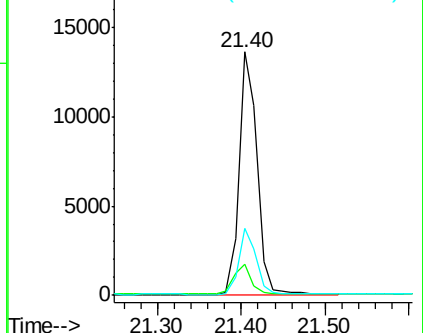
236 27.4 20.8 31.2



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: 0.395 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

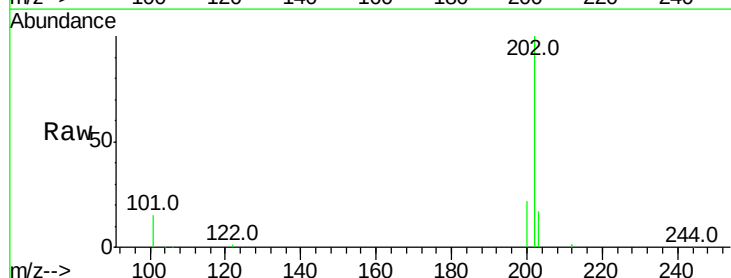
Tgt Ion:202 Resp: 25605

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

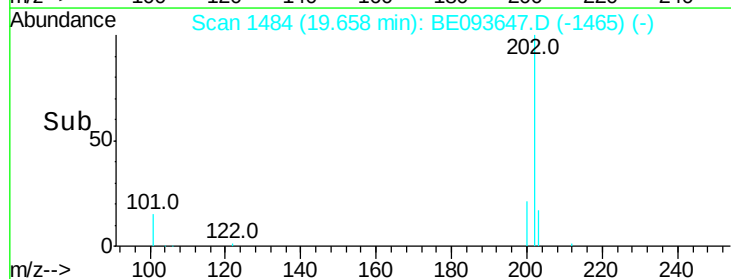
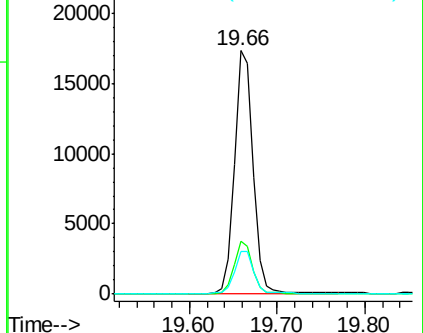
203 17.5 13.7 20.5

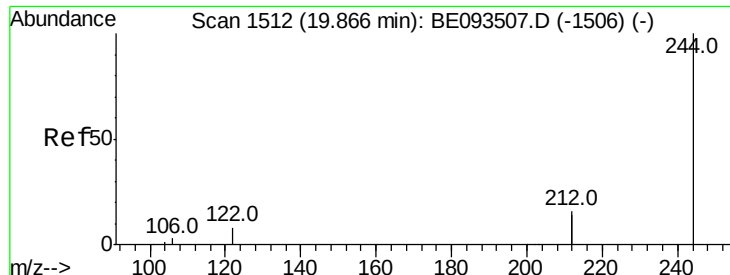


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

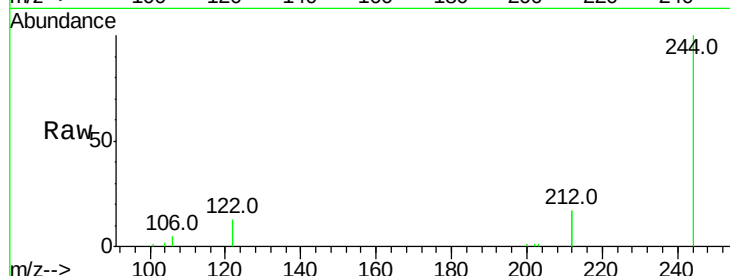
Tot Ion:244 Resp: 14246

Ion Ratio Lower Upper

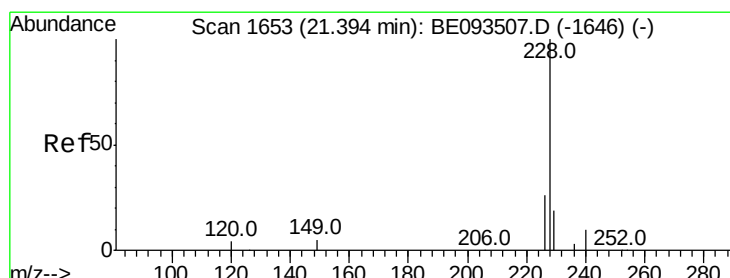
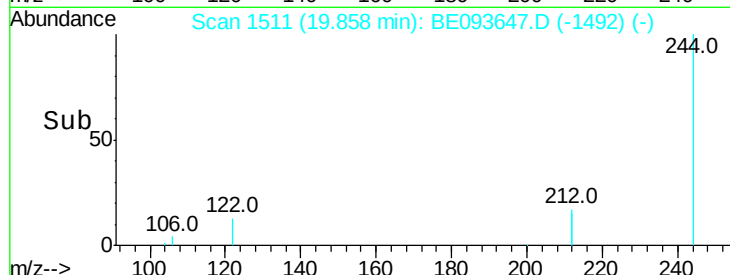
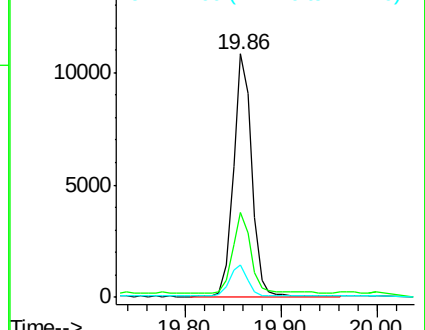
244 100

212 34.7 10.6 16.0#

122 13.1 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: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

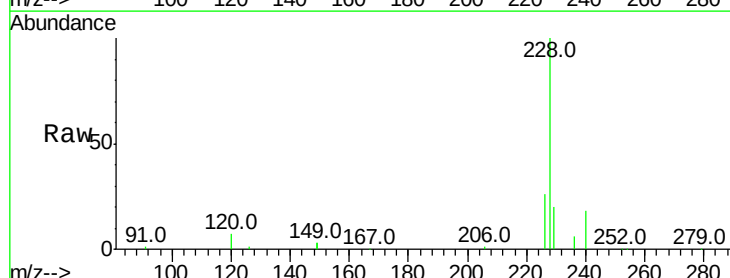
Tgt Ion:228 Resp: 24188

Ion Ratio Lower Upper

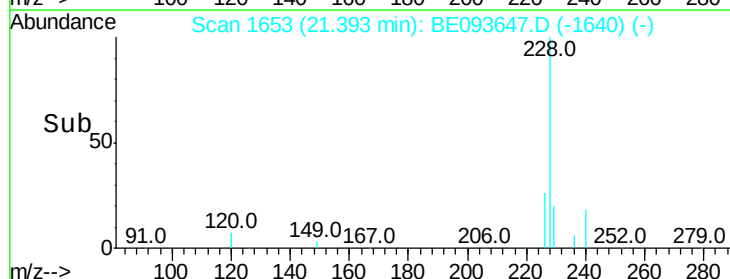
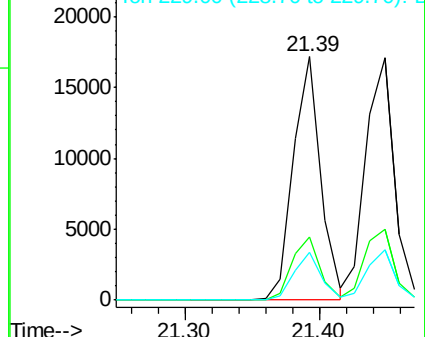
228 100

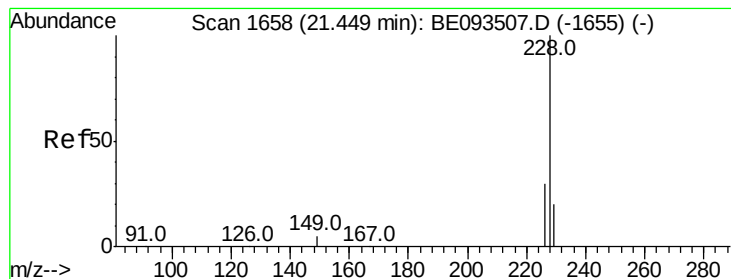
226 26.1 19.7 29.5

229 19.9 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: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

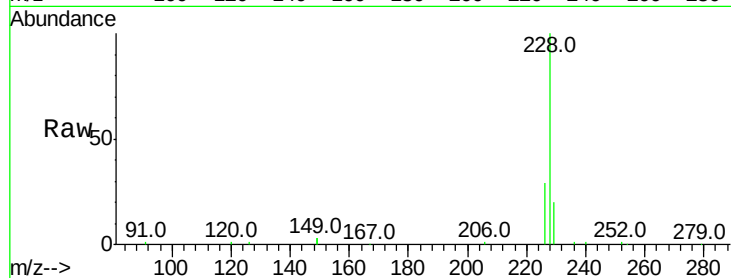
Tot Ion:228 Resp: 25546

Ion Ratio Lower Upper

228 100

226 28.9 21.5 32.3

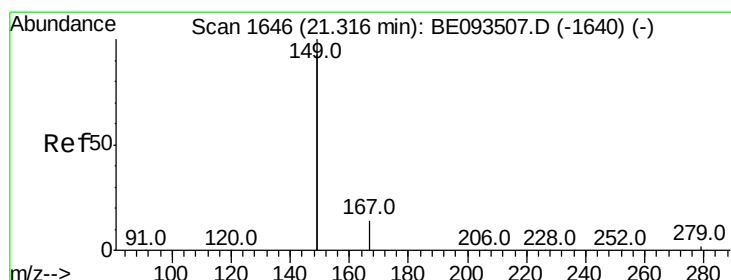
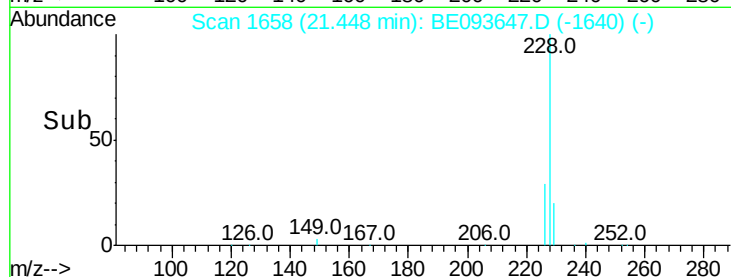
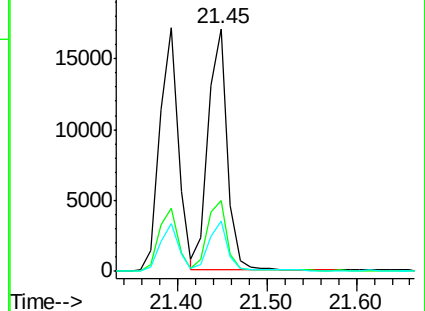
229 20.5 18.6 28.0



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: 0.483 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

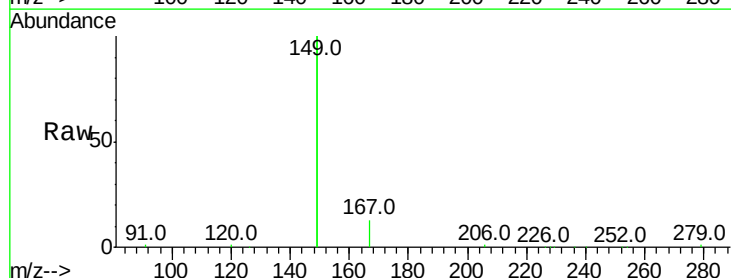
Tgt Ion:149 Resp: 38752

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

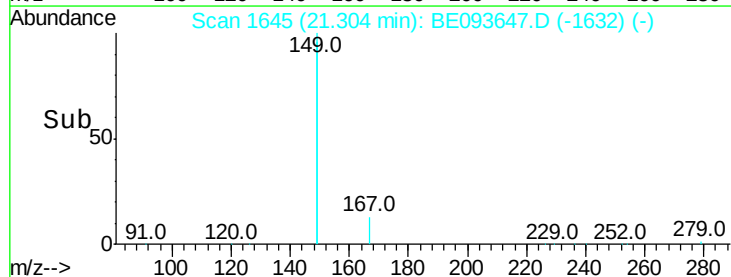
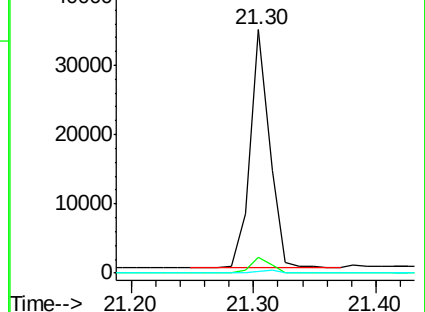
279 0.9 0.8 1.2

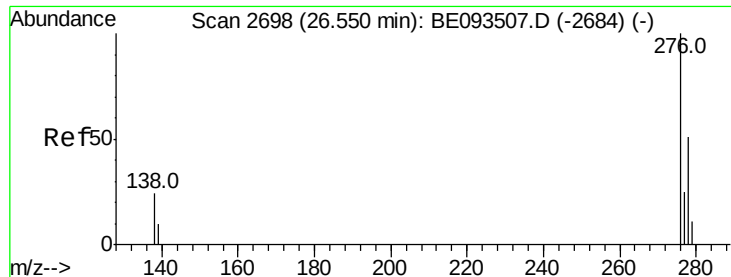


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

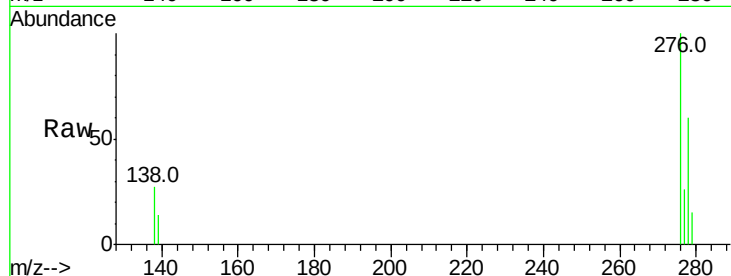
Tot Ion:276 Resp: 24614

Ion Ratio Lower Upper

276 100

138 28.2 27.4 41.2

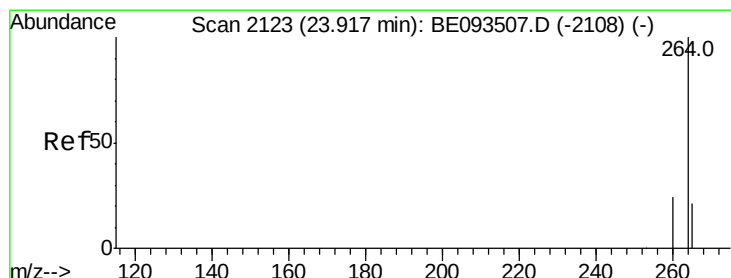
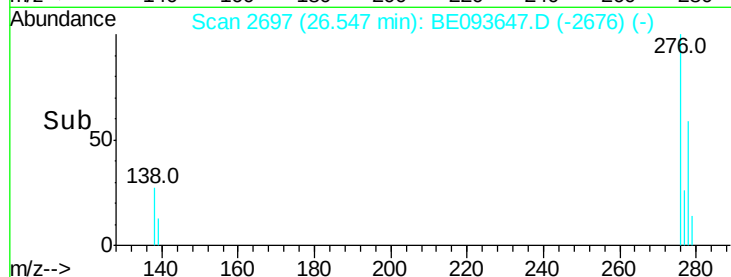
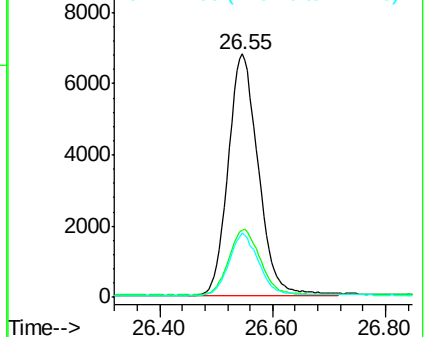
277 25.1 20.1 30.1



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: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

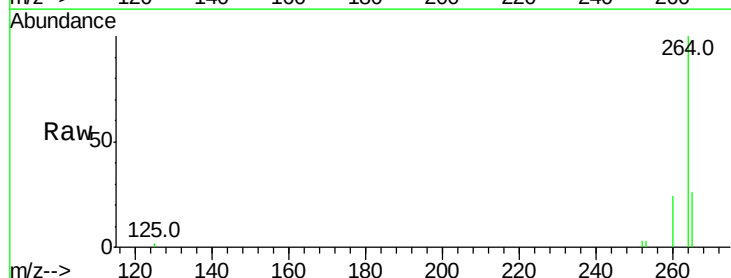
Tgt Ion:264 Resp: 17153

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

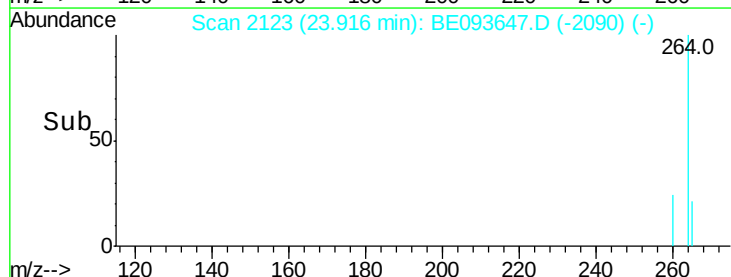
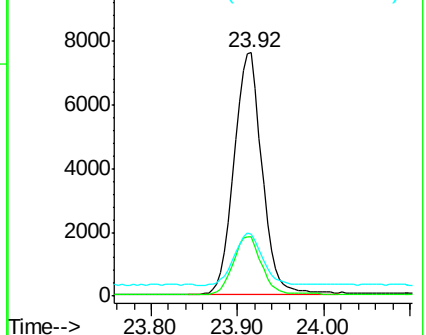
265 25.6 24.6 36.8

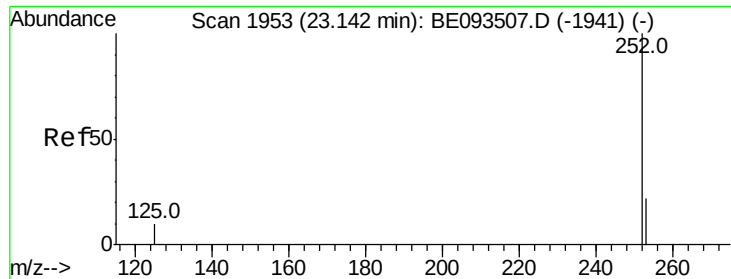


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.389 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

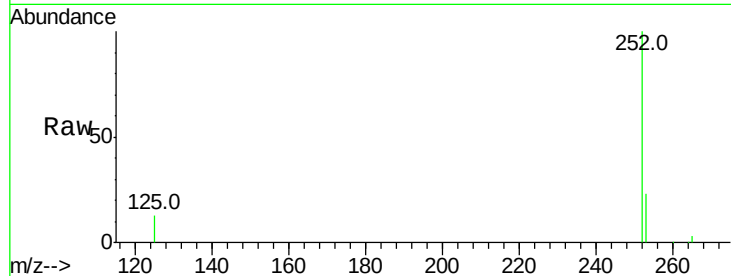
Tot Ion:252 Resp: 23817

Ion Ratio Lower Upper

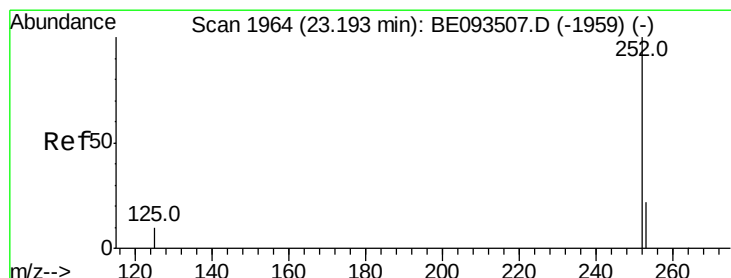
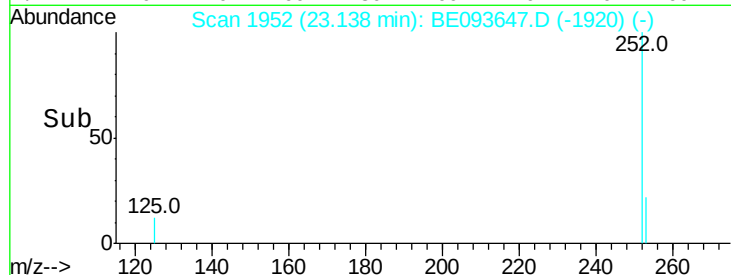
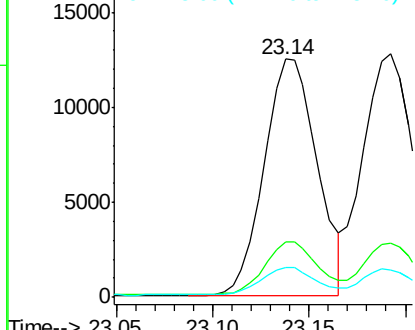
252 100

253 23.0 18.5 27.7

125 12.8 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: 0.381 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.05 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

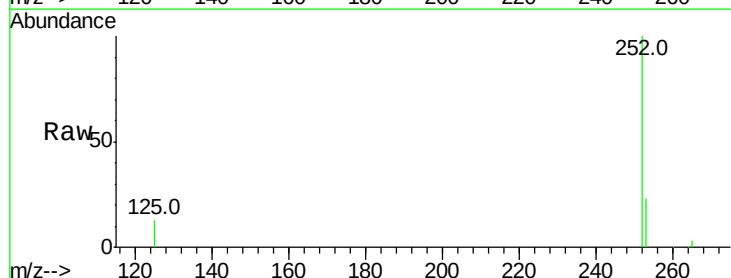
Tgt Ion:252 Resp: 23817

Ion Ratio Lower Upper

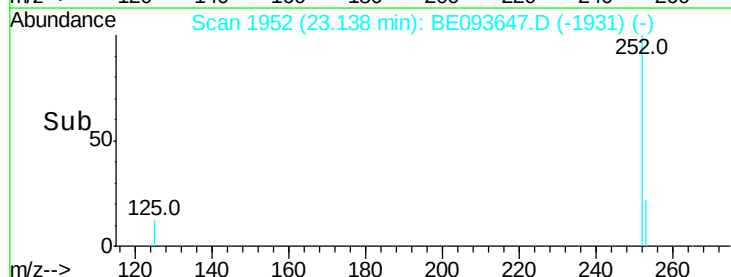
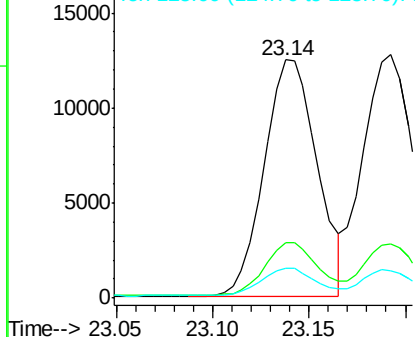
252 100

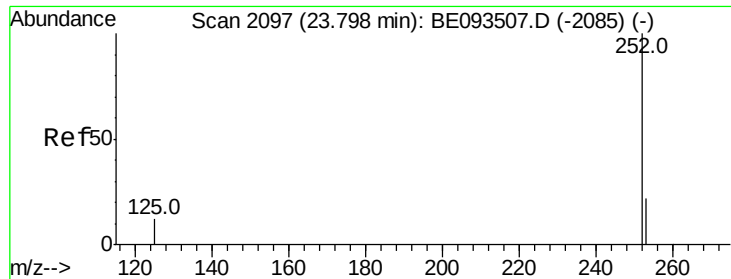
253 23.0 20.3 30.5

125 12.8 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: 0.400 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

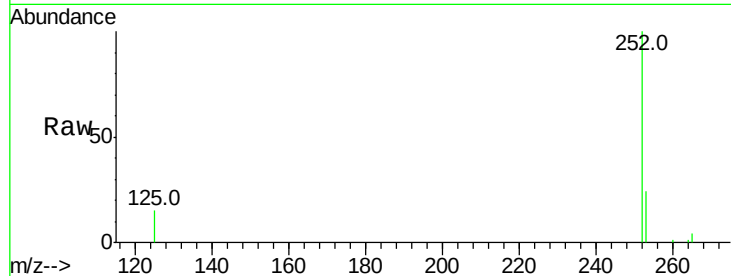
Tot Ion:252 Resp: 22167

Ion Ratio Lower Upper

252 100

253 23.9 19.9 29.9

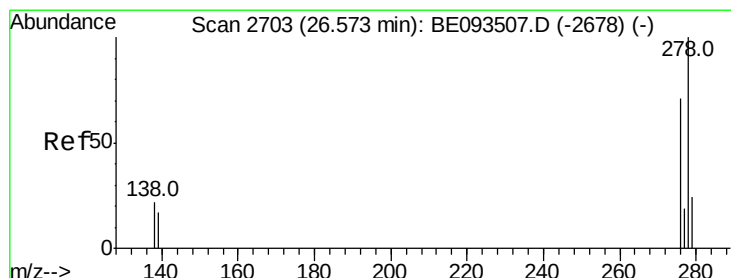
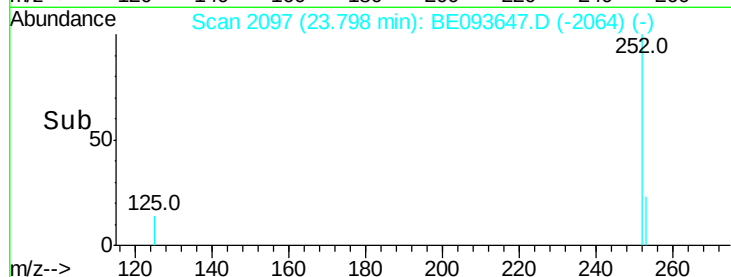
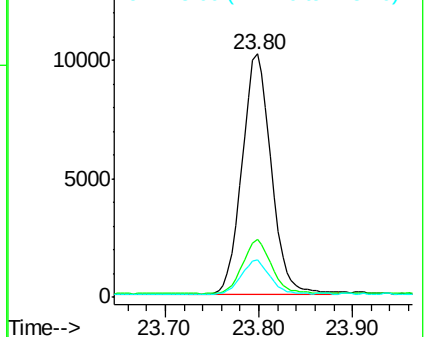
125 15.5 14.6 21.8



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: 0.398 ng

RT: 26.57 min Scan# 2701

Delta R.T. -0.01 min

Lab File: BE093647.D

Acq: 3 Aug 2017 3:58

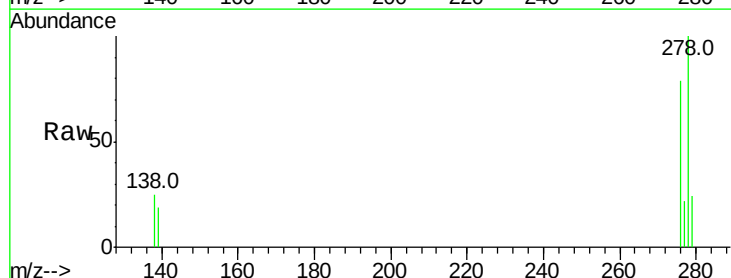
Tgt Ion:278 Resp: 21313

Ion Ratio Lower Upper

278 100

139 18.9 21.4 32.0#

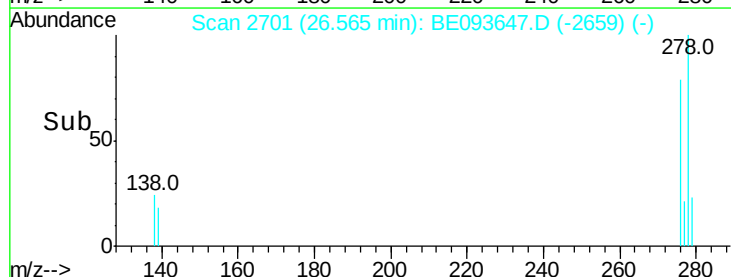
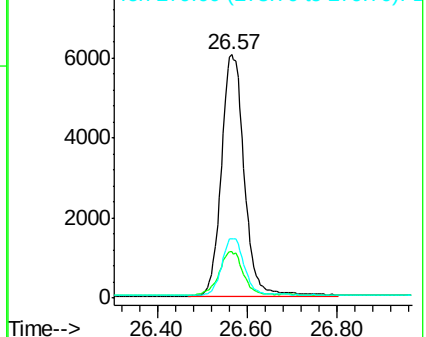
279 24.3 22.2 33.2

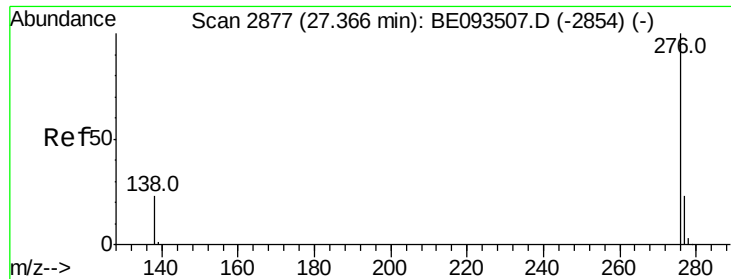


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.389 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE093647.D

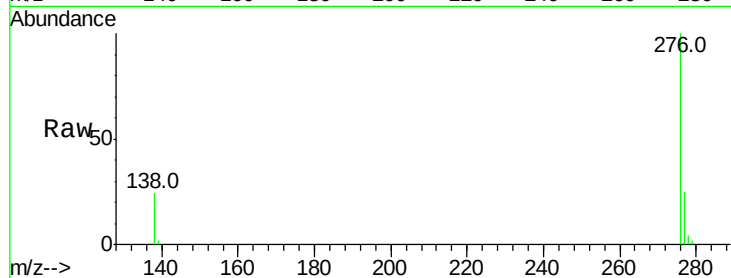
Acq: 3 Aug 2017 3:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



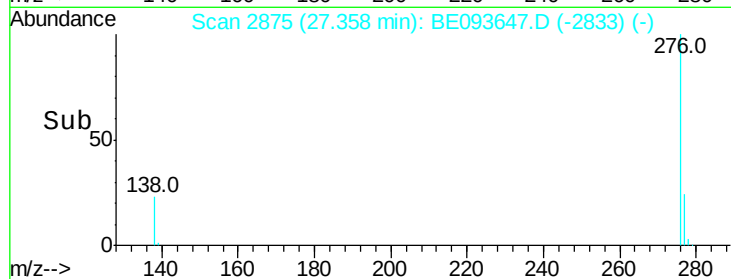
Tot Ion:276 Resp: 21123

Ion Ratio Lower Upper

276 100

277 24.6 21.2 31.8

138 24.0 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

