

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
 Data File : BE093928.D
 Acq On : 5 Sep 2017 9:29
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Sep 05 12:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 12:08:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1812	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9370	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	5294	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	11109	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13814	0.40	ng	0.00
34) Perylene-d12	23.94	264	11499	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	588	0.11	ng	0.00
5) Phenol-d6	7.12	99	830	0.10	ng	0.01
8) Nitrobenzene-d5	9.08	82	741	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	1477	0.10	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	190	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	2213	0.11	ng	0.00
25) Fluoranthene-d10	19.29	212	15128	0.12	ng	0.00
29) Terphenyl-d14	19.87	244	2629	0.11	ng	0.00

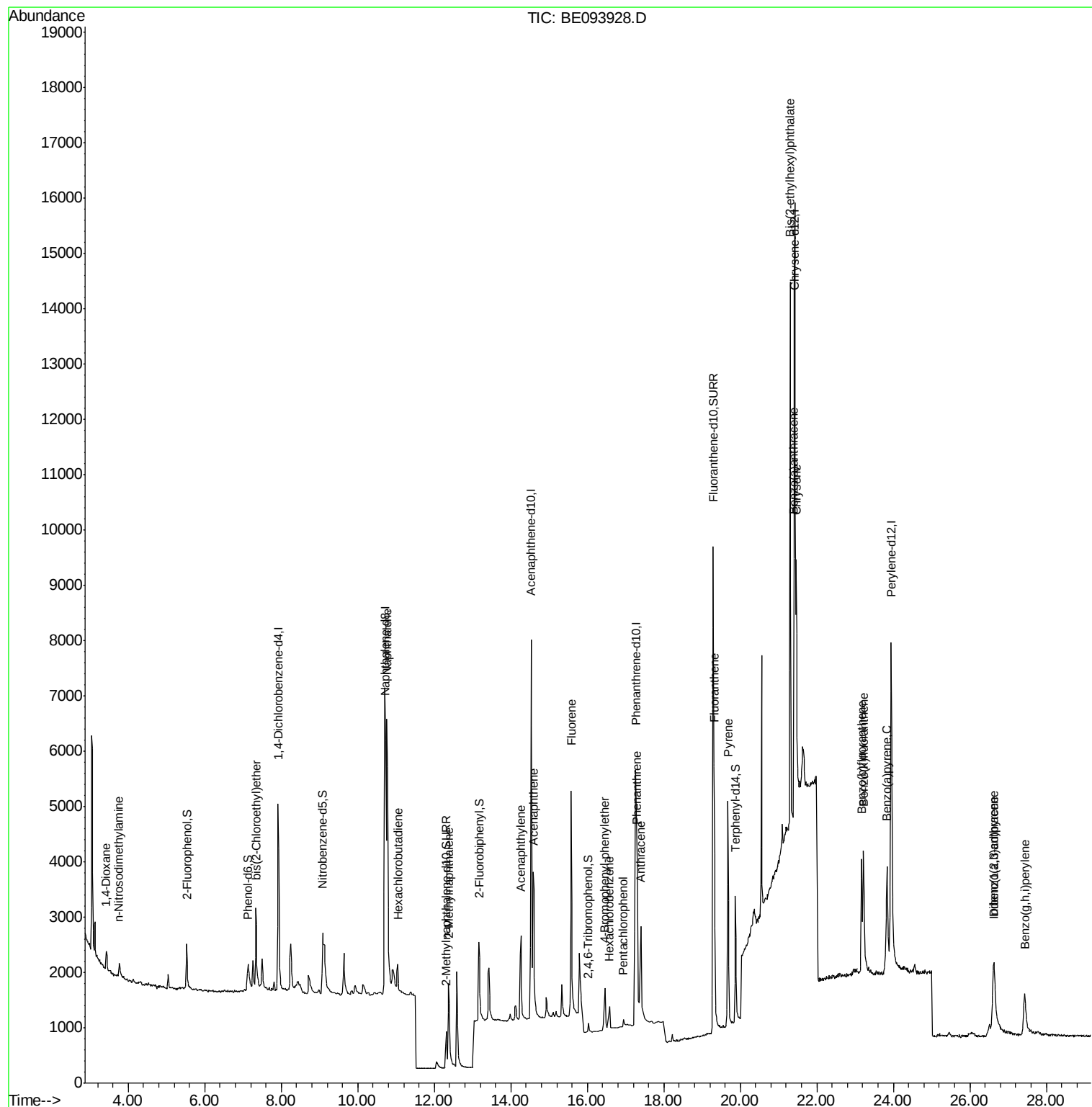
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	379	0.152	ng	# 78
3) n-Nitrosodimethylamine	3.75	42	255	0.092	ng	# 82
6) bis(2-Chloroethyl)ether	7.35	93	709	0.108	ng	# 78
9) Naphthalene	10.76	128	10805	0.101	ng	# 97
10) Hexachlorobutadiene	11.04	225	414	0.110	ng	# 94
12) 2-Methylnaphthalene	12.38	142	1651	0.093	ng	# 96
16) Acenaphthylene	14.26	152	2497	0.095	ng	# 99
17) Acenaphthene	14.60	154	1793	0.101	ng	# 99
18) Fluorene	15.58	166	2338	0.102	ng	# 100
20) 4-Bromophenyl-phenylether	16.45	248	708	0.154	ng	# 68
21) Hexachlorobenzene	16.58	284	706	0.176	ng	# 100
22) Pentachlorophenol	16.94	266	248	0.142	ng	# 91
23) Phenanthrene	17.30	178	4275	0.151	ng	# 98
24) Anthracene	17.40	178	3045	0.090	ng	# 93
26) Fluoranthene	19.32	202	4502	0.116	ng	# 99
28) Pyrene	19.67	202	4723	0.102	ng	# 98
30) Benzo(a)anthracene	21.40	228	4096	0.100	ng	# 90
31) Chrysene	21.46	228	4546	0.100	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.30	149	11917	0.138	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.61	276	2963	0.095	ng	# 63
35) Benzo(b)fluoranthene	23.17	252	3421	0.093	ng	# 70
36) Benzo(k)fluoranthene	23.22	252	4274	0.102	ng	# 69
37) Benzo(a)pyrene	23.83	252	3638	0.100	ng	# 43
38) Dibenzo(a,h)anthracene	26.63	278	2215	0.086	ng	# 48
39) Benzo(g,h,i)perylene	27.43	276	2542	0.091	ng	# 73

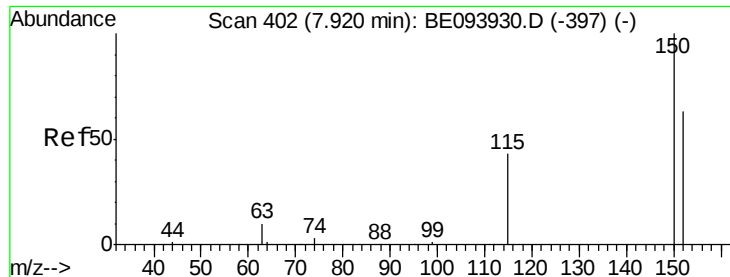
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Time: Sep 05 12:10:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

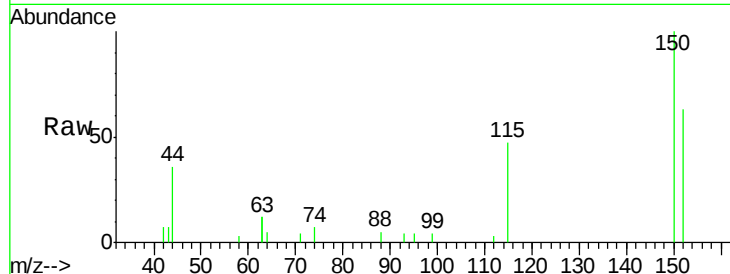
Tgt Ion: 152 Resp: 1812

Ion Ratio Lower Upper

152 100

150 159.6 121.8 182.6

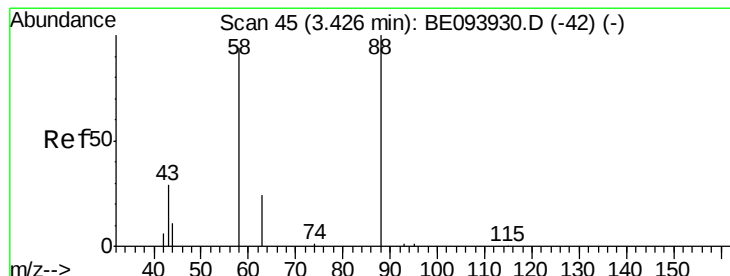
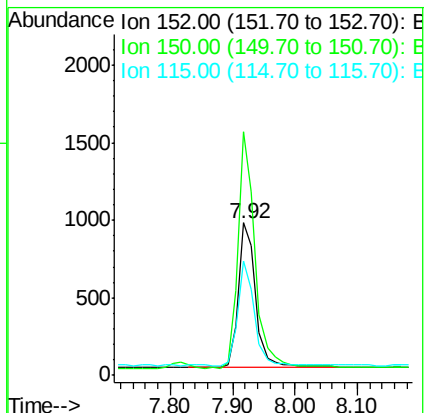
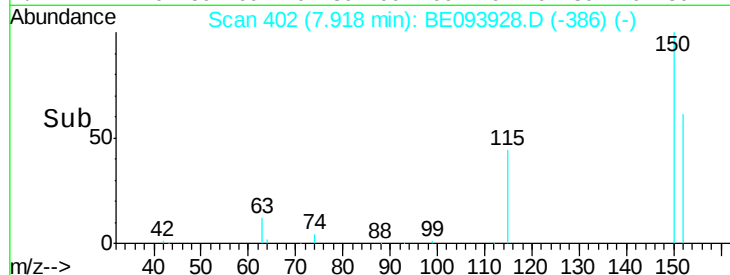
115 74.7 52.6 79.0



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: 0.152 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

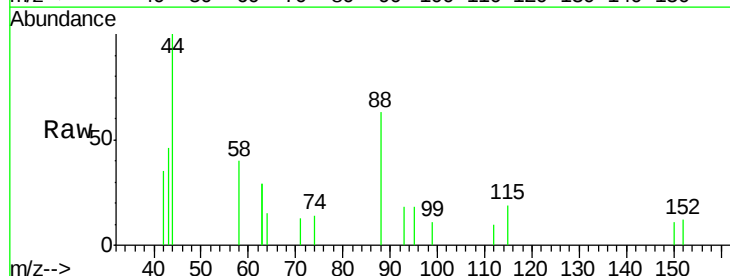
Tgt Ion: 88 Resp: 379

Ion Ratio Lower Upper

88 100

58 59.1 65.4 98.0#

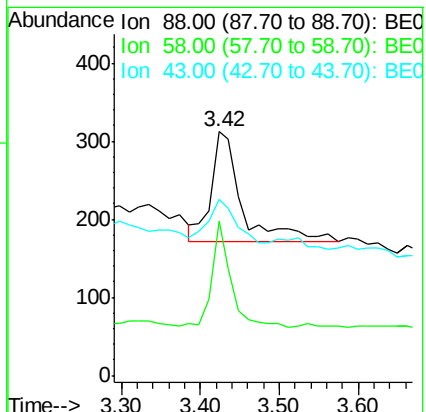
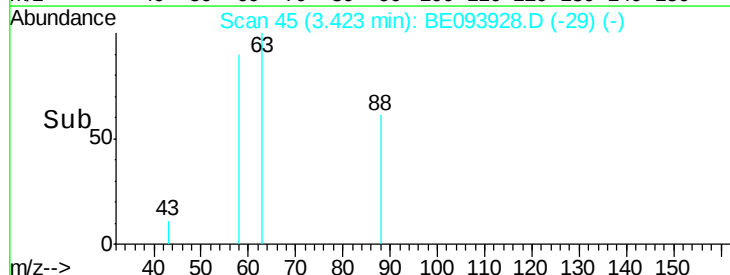
43 36.4 23.9 35.9#

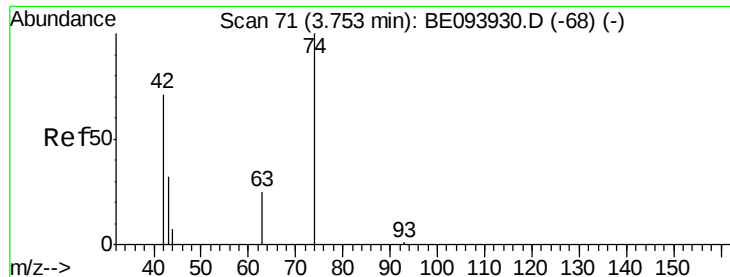


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



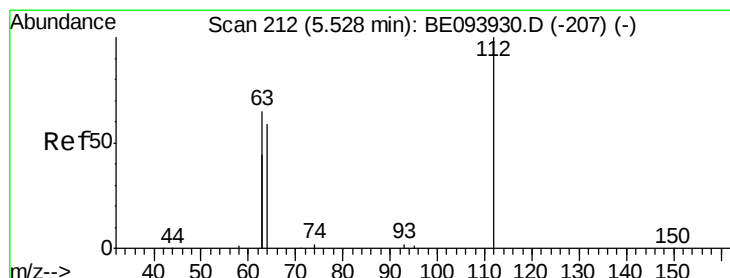
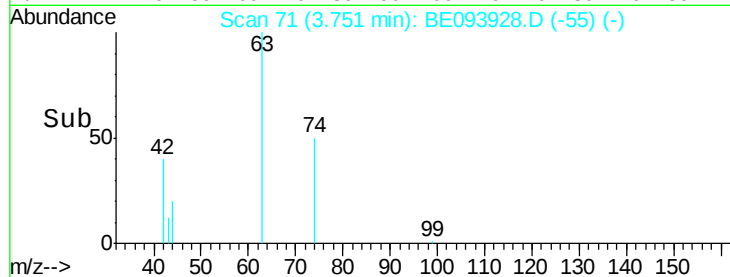
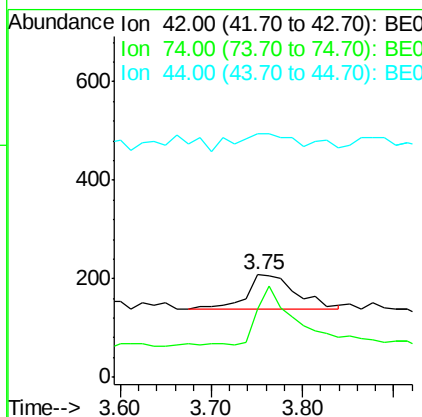
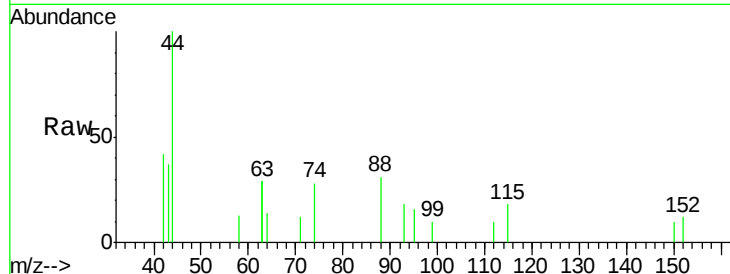


#3

n-Nitrosodimethylamine
 Concen: 0.092 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE093928.D
 Acq: 5 Sep 2017 9:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

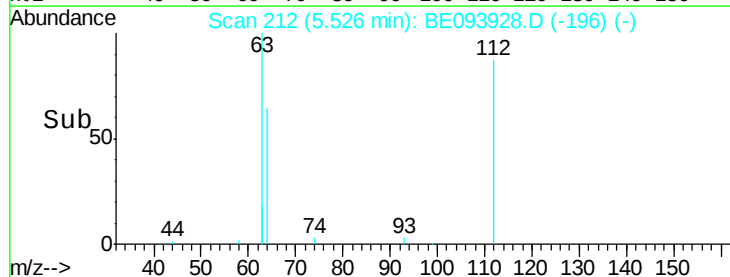
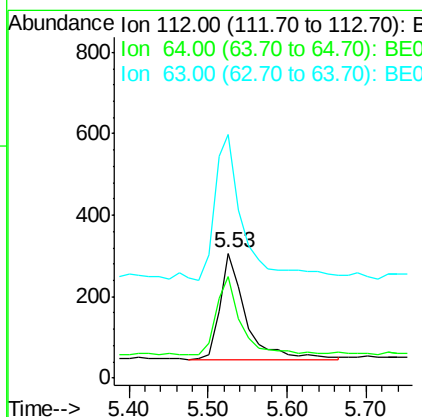
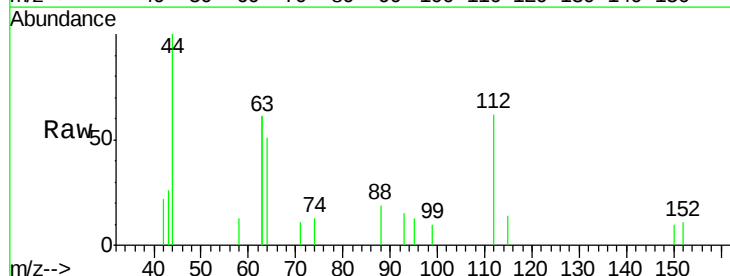
Tgt Ion: 42 Resp: 255
 Ion Ratio Lower Upper
 42 100
 74 138.4 104.0 156.0
 44 59.2 13.8 20.8#

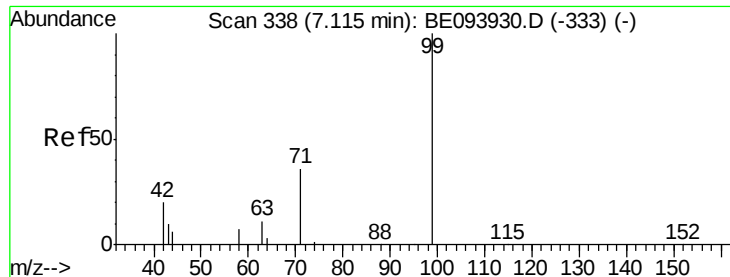


#4

2-Fluorophenol
 Concen: 0.105 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093928.D
 Acq: 5 Sep 2017 9:29

Tgt Ion: 112 Resp: 588
 Ion Ratio Lower Upper
 112 100
 64 67.5 57.7 86.5
 63 150.9 116.0 174.0





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

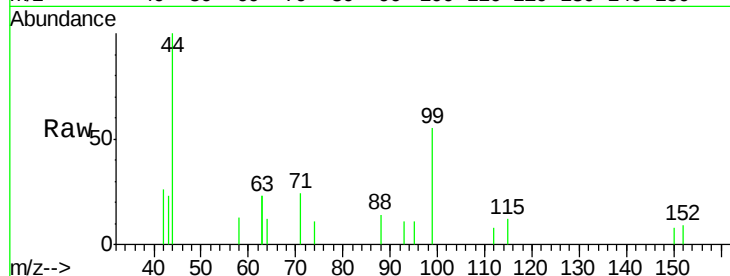
Tgt Ion: 99 Resp: 830

Ion Ratio Lower Upper

99 100

42 21.0 17.1 25.7

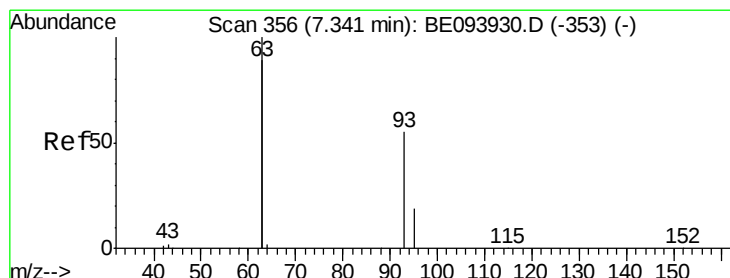
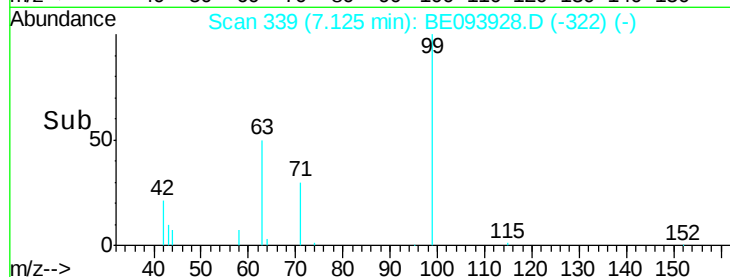
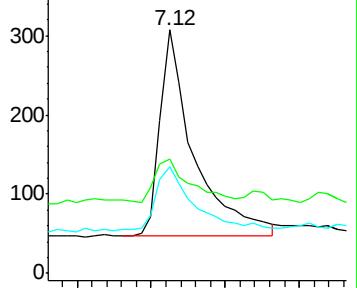
71 34.7 26.6 39.8



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: 0.108 ng

RT: 7.35 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

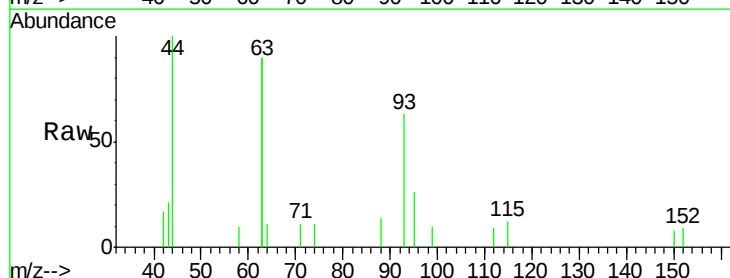
Tgt Ion: 93 Resp: 709

Ion Ratio Lower Upper

93 100

63 303.2 283.4 425.2

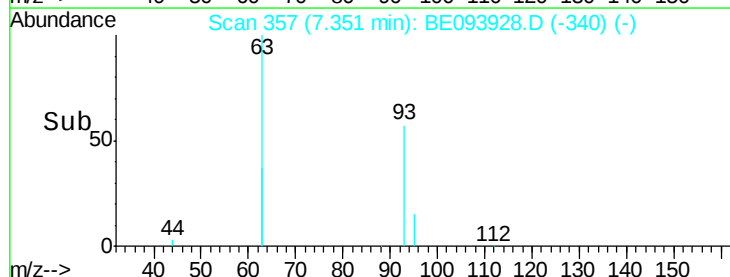
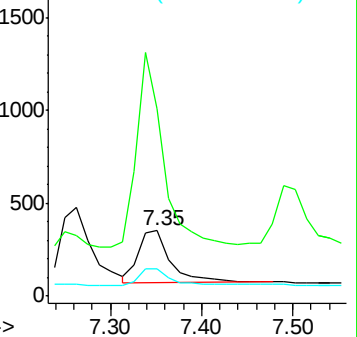
95 31.2 26.9 40.3

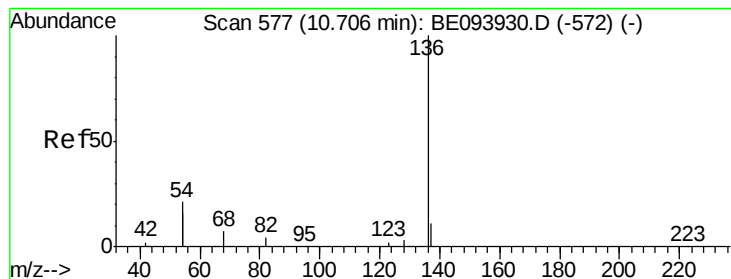


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. 0.02 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tgt Ion:136 Resp: 9370

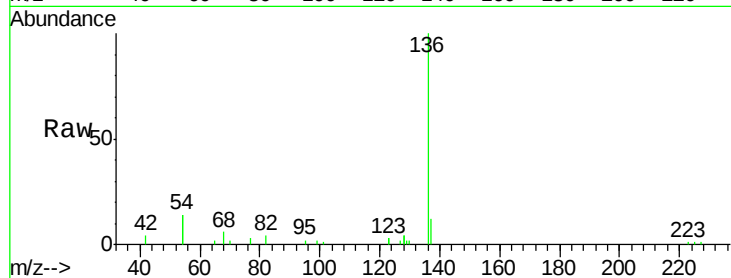
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 28.1 21.9 32.9

68 6.4 4.6 7.0

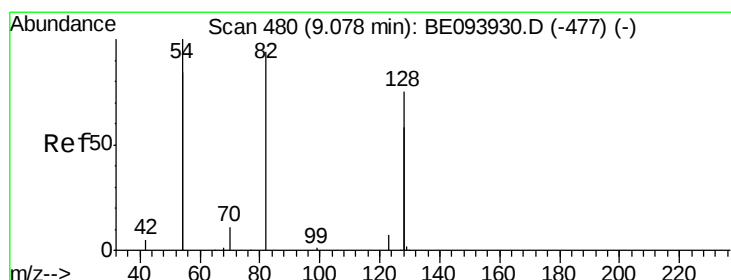
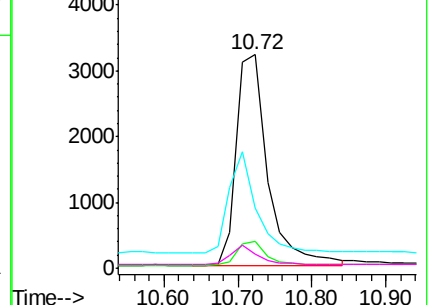
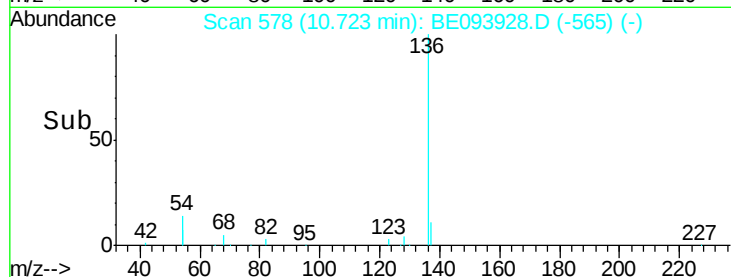


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.095 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

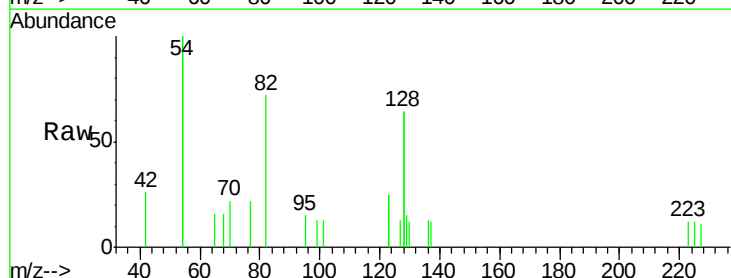
Tgt Ion: 82 Resp: 741

Ion Ratio Lower Upper

82 100

128 175.4 91.4 137.0#

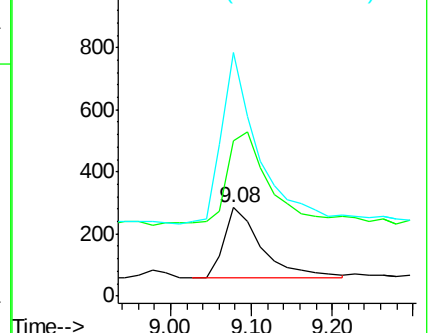
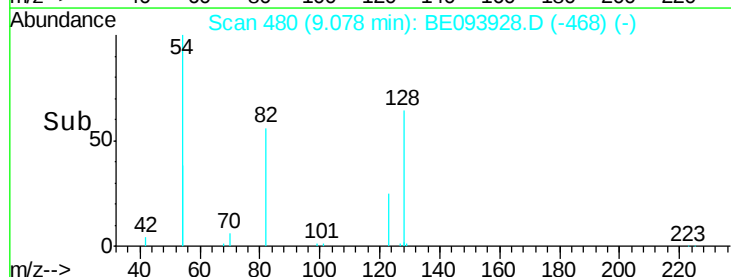
54 276.1 197.8 296.8

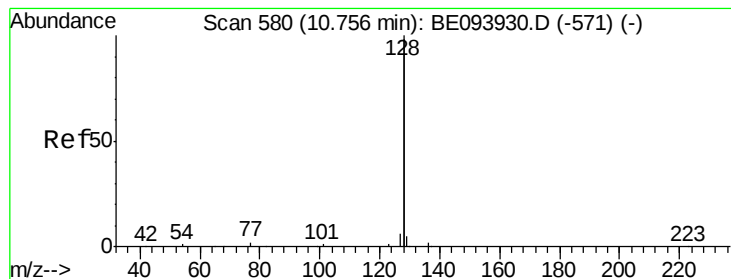


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.101 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

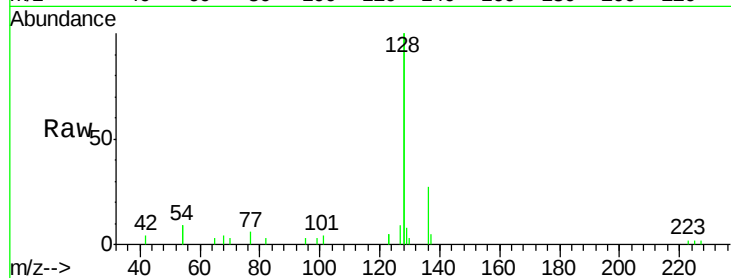
Tgt Ion:128 Resp: 10805

Ion Ratio Lower Upper

128 100

129 3.9 2.5 3.7#

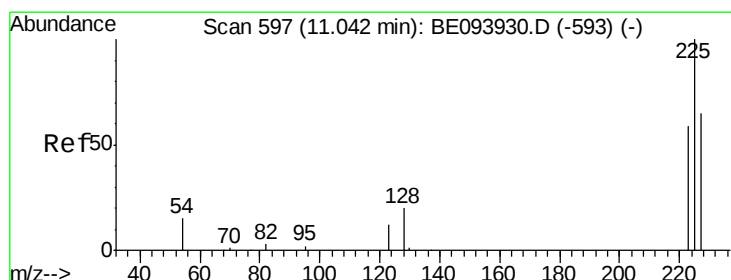
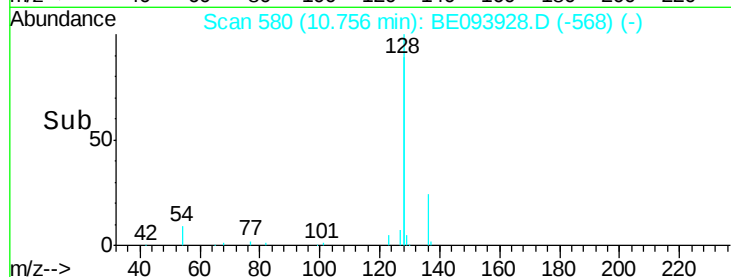
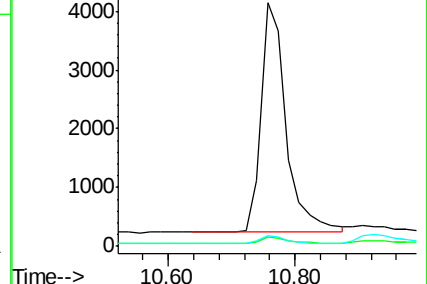
127 4.5 2.6 4.0#



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: 0.110 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

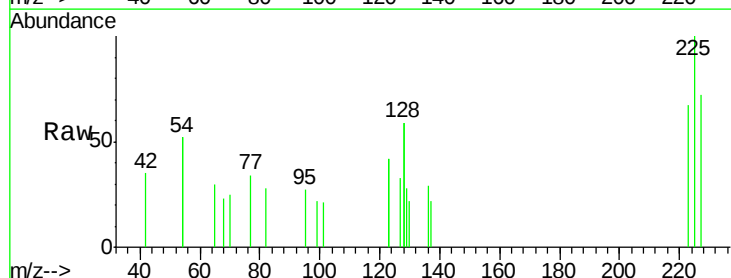
Tgt Ion:225 Resp: 414

Ion Ratio Lower Upper

225 100

223 55.8 49.4 74.0

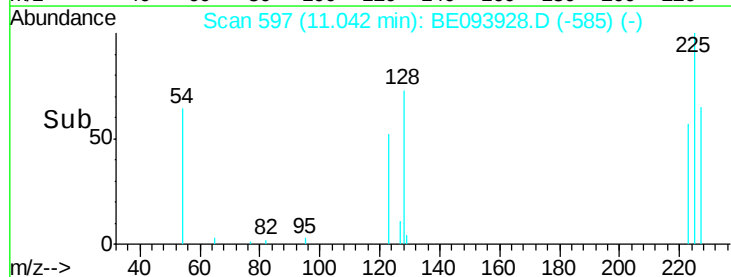
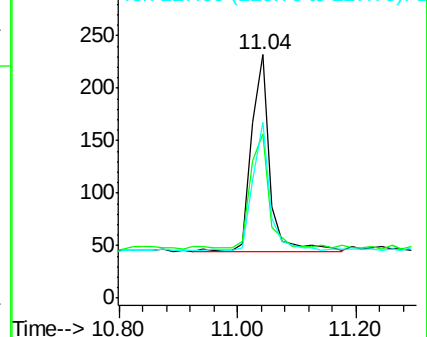
227 60.1 50.5 75.7

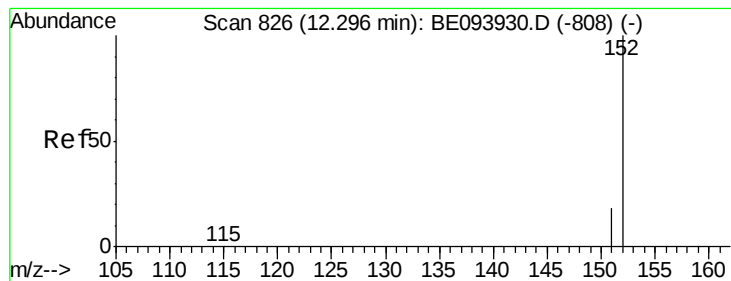


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.100 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

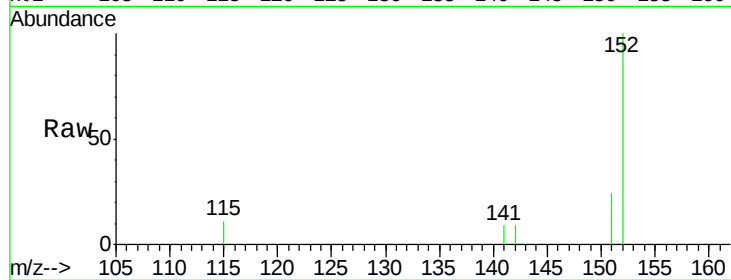
SSTDIC0.1

Tgt Ion:152 Resp: 1477

Ion Ratio Lower Upper

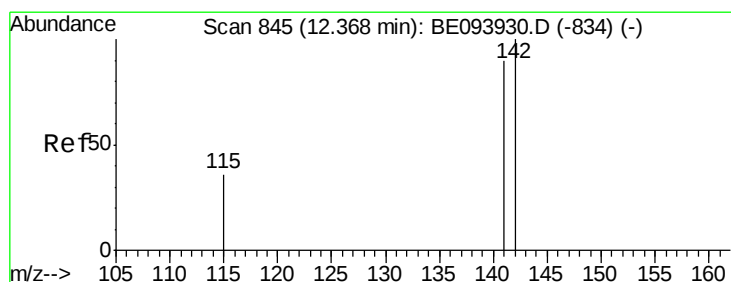
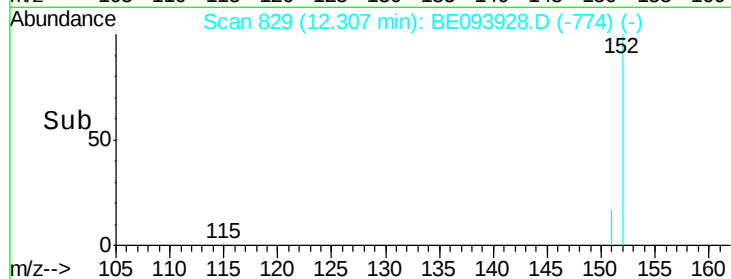
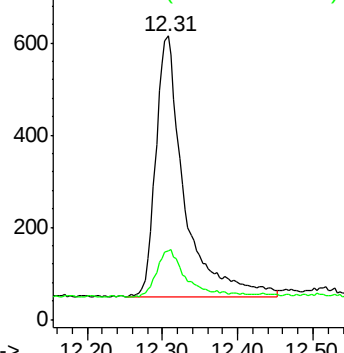
152 100

151 18.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.093 ng

RT: 12.38 min Scan# 847

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

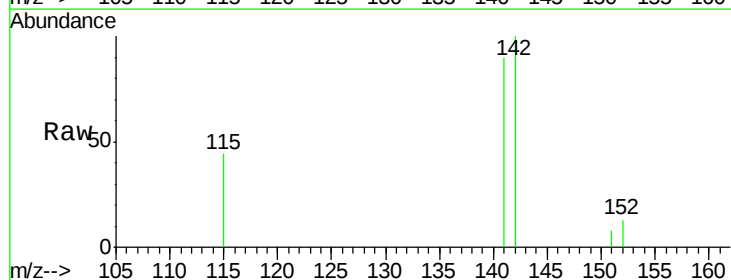
Tgt Ion:142 Resp: 1651

Ion Ratio Lower Upper

142 100

141 89.9 71.4 107.2

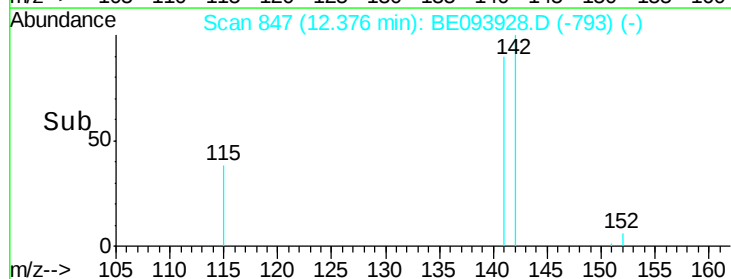
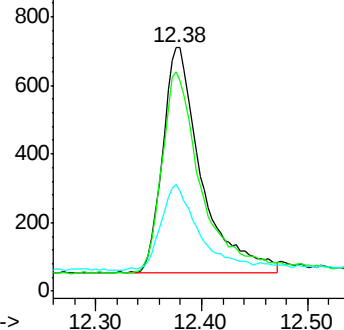
115 43.7 29.4 44.0

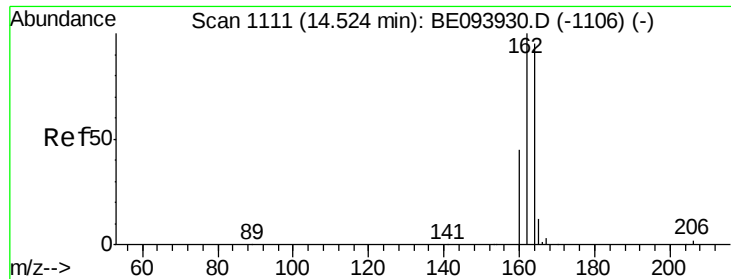


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

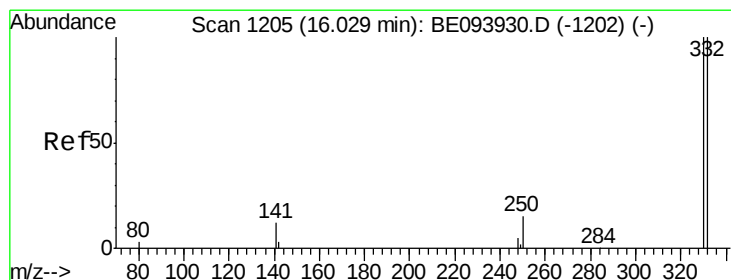
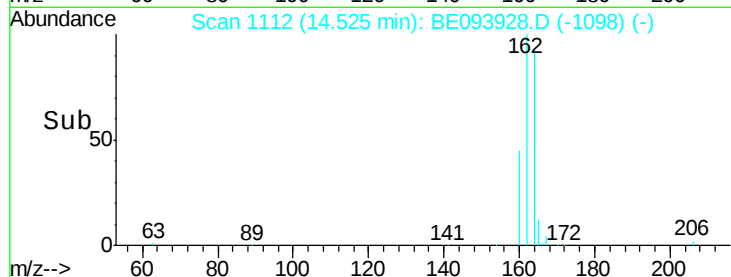
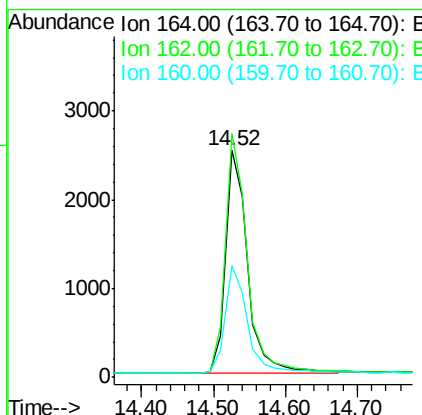
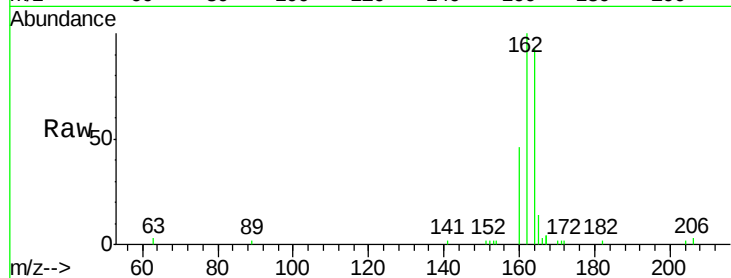




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093928.D
 Acq: 5 Sep 2017 9:29

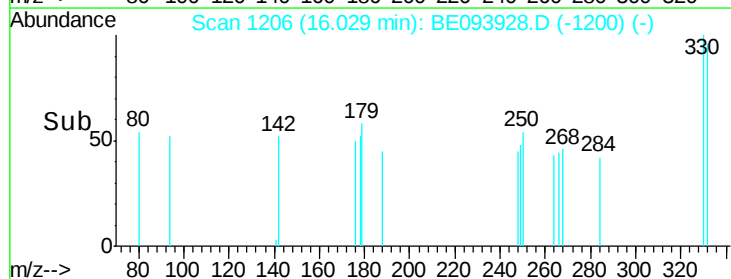
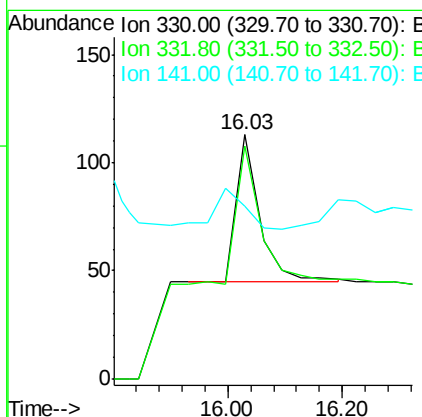
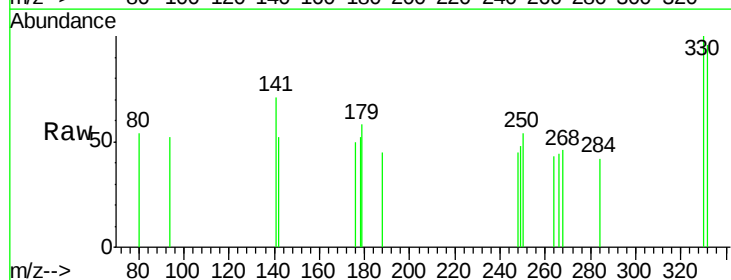
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

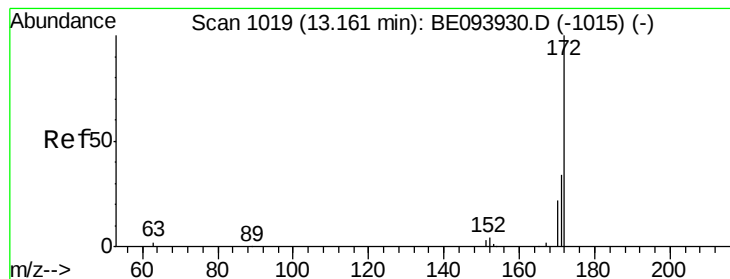
Tgt Ion:164 Resp: 5294
 Ion Ratio Lower Upper
 164 100
 162 107.5 80.8 121.2
 160 49.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.134 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093928.D
 Acq: 5 Sep 2017 9:29

Tgt Ion:330 Resp: 190
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.9 115.3
 141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.105 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

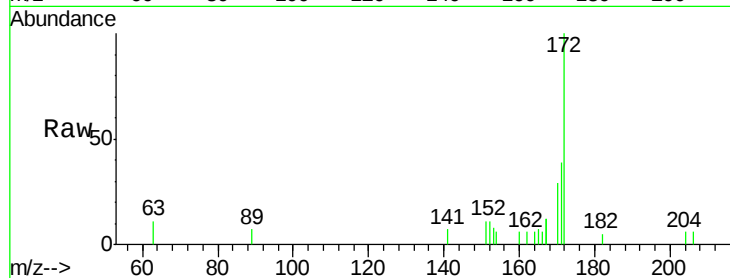
Tgt Ion:172 Resp: 2213

Ion Ratio Lower Upper

172 100

171 39.1 26.9 40.3

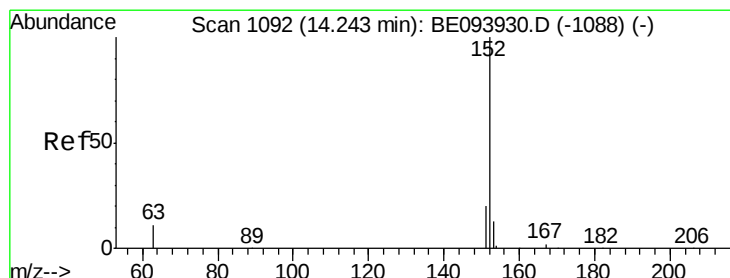
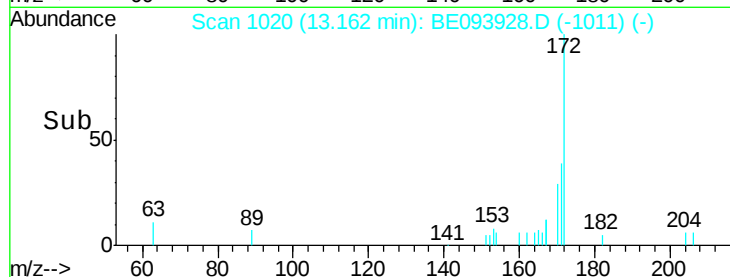
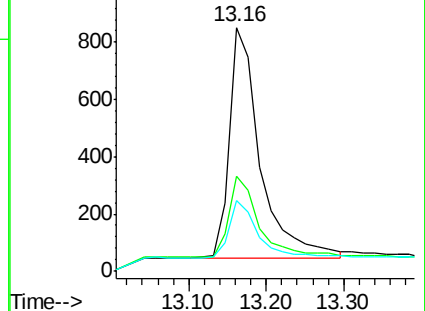
170 29.1 17.3 25.9#



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: 0.095 ng

RT: 14.26 min Scan# 1094

Delta R.T. 0.02 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

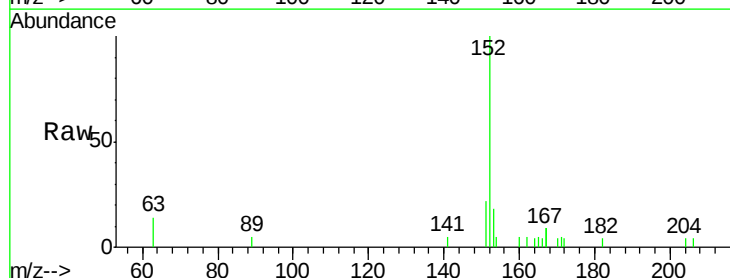
Tgt Ion:152 Resp: 2497

Ion Ratio Lower Upper

152 100

151 18.7 15.7 23.5

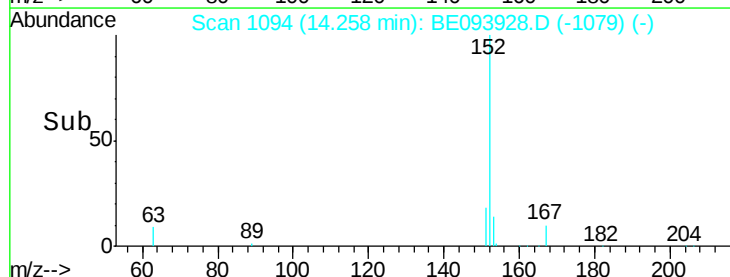
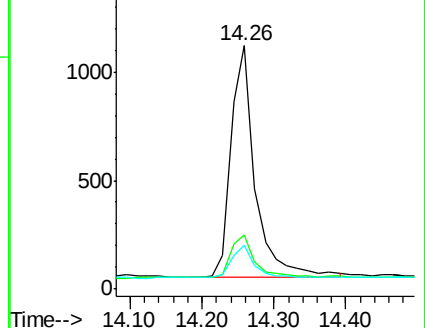
153 13.5 10.6 16.0

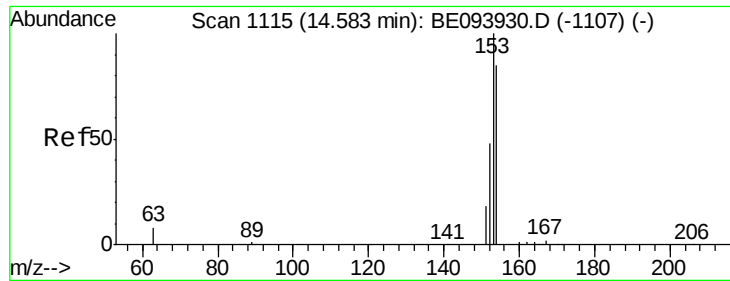


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.101 ng

RT: 14.60 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

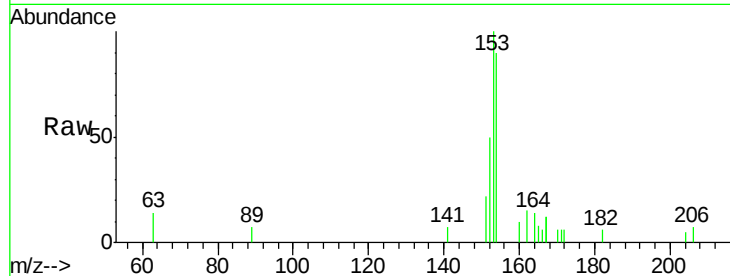
Tgt Ion:154 Resp: 1793

Ion Ratio Lower Upper

154 100

153 114.8 91.8 137.6

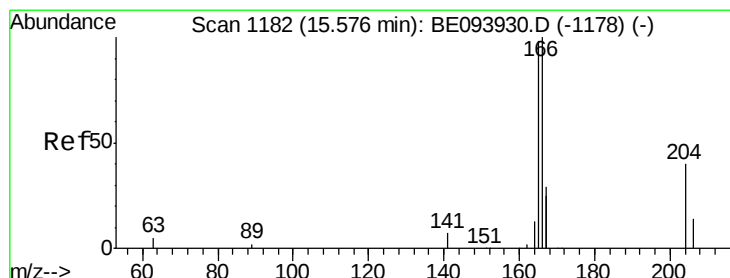
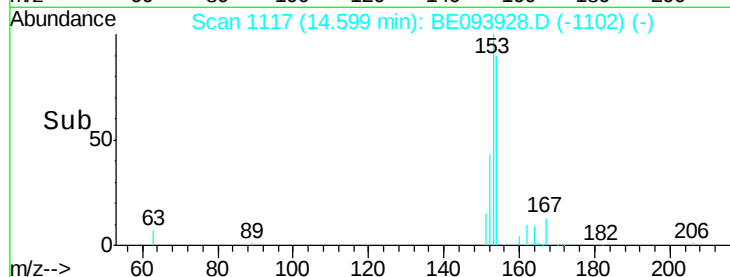
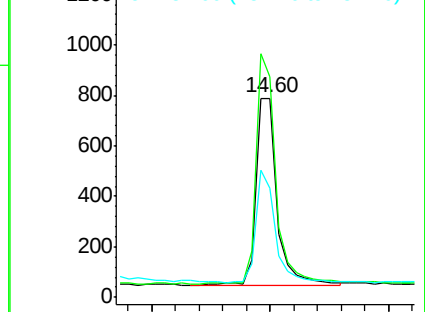
152 54.9 44.9 67.3



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: 0.102 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

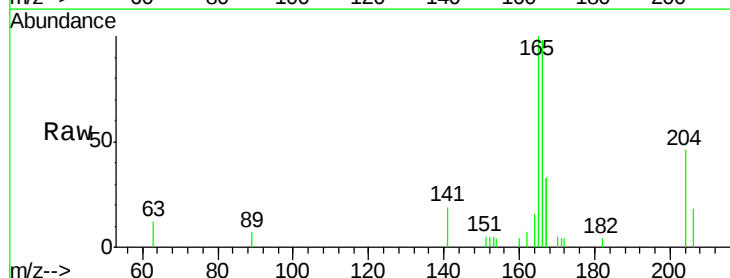
Tgt Ion:166 Resp: 2338

Ion Ratio Lower Upper

166 100

165 99.6 79.4 119.0

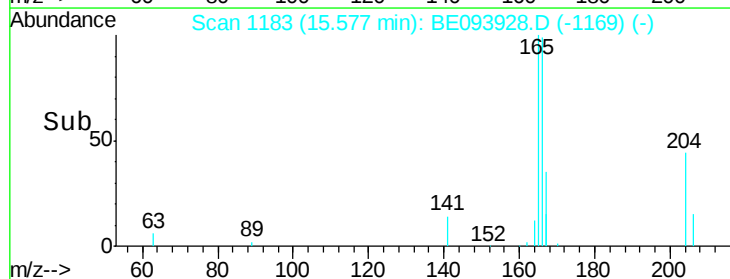
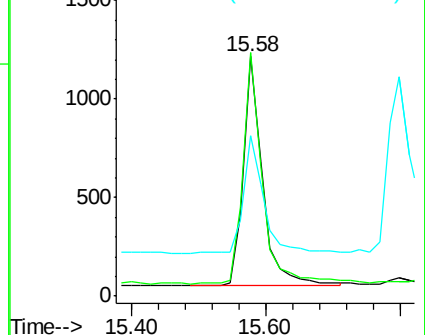
167 54.1 43.5 65.3

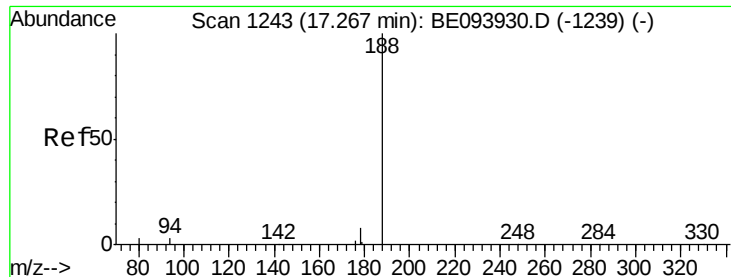


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1244

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

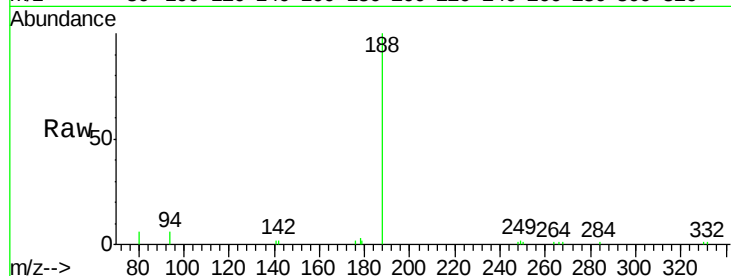
Tgt Ion:188 Resp: 11109

Ion Ratio Lower Upper

188 100

94 5.8 16.1 24.1#

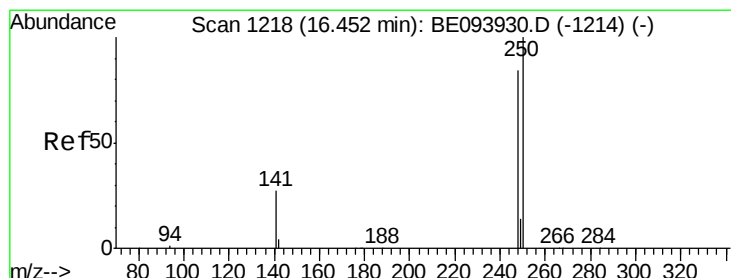
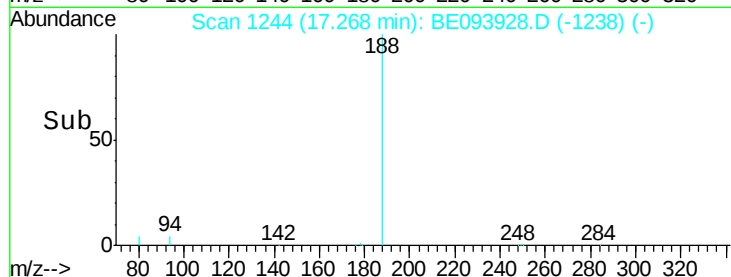
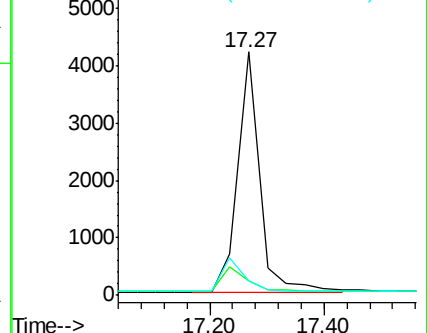
80 5.8 18.2 27.2#



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: 0.154 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

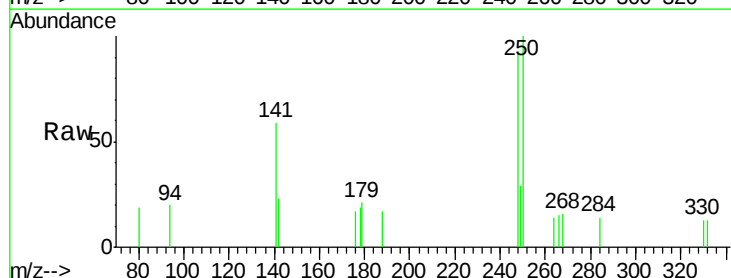
Tgt Ion:248 Resp: 708

Ion Ratio Lower Upper

248 100

250 107.2 111.8 167.8#

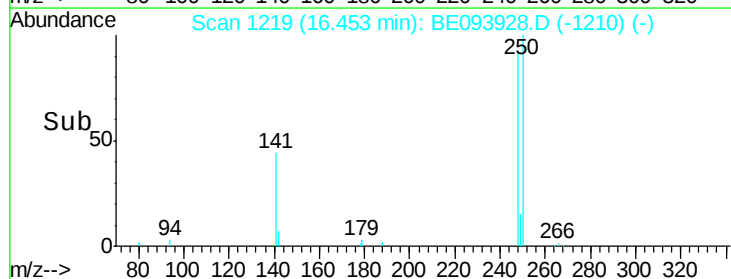
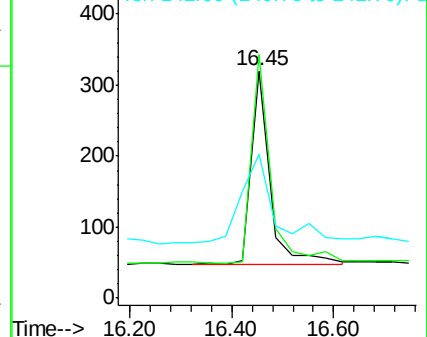
141 63.1 27.1 40.7#

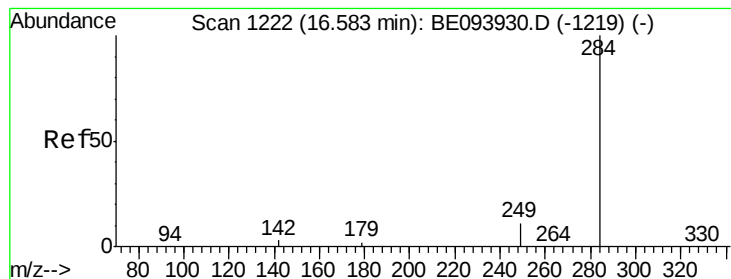


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.176 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

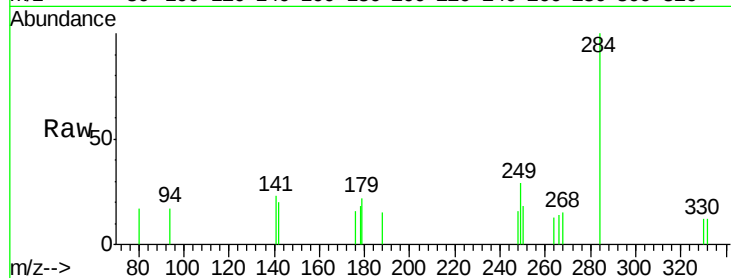
Tgt Ion: 284 Resp: 706

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 21.7 0.0 0.0#

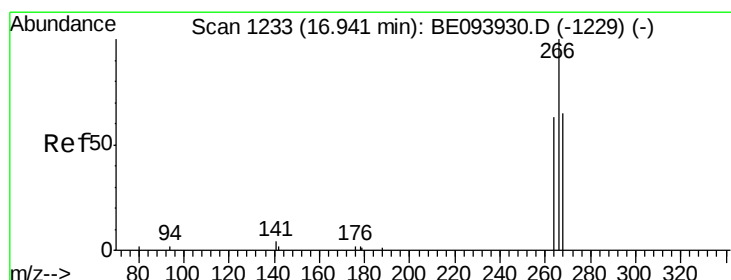
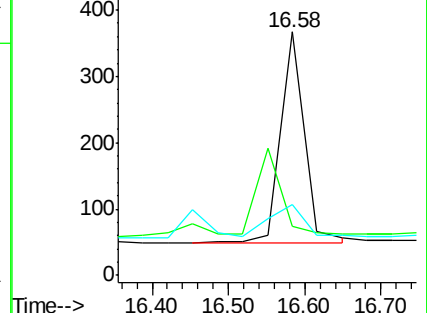
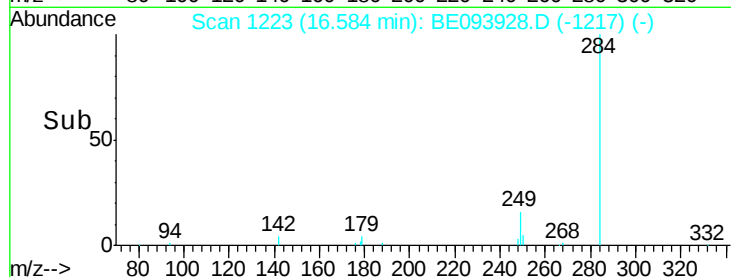


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



#22

Pentachlorophenol

Concen: 0.142 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

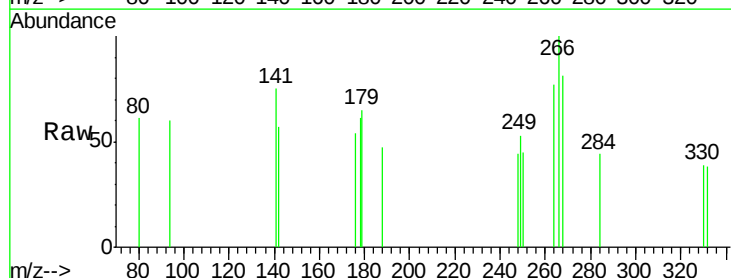
Tgt Ion: 266 Resp: 248

Ion Ratio Lower Upper

266 100

264 76.5 53.5 80.3

268 80.9 60.0 90.0

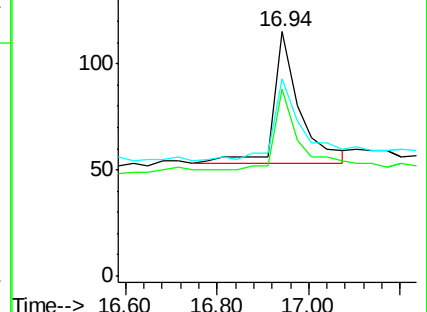
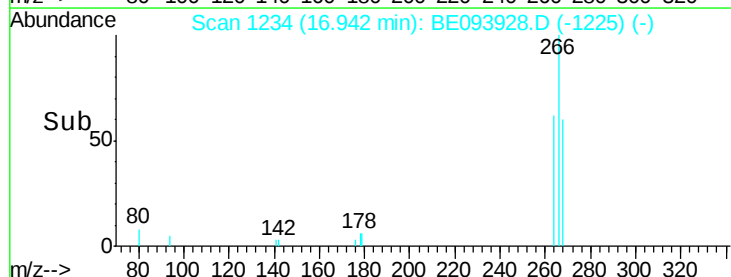


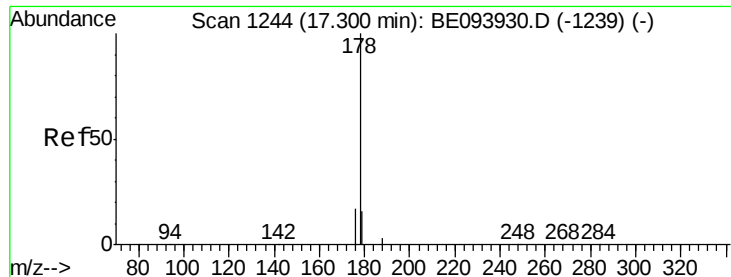
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time-->





#23

Phenanthrene

Concen: 0.151 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

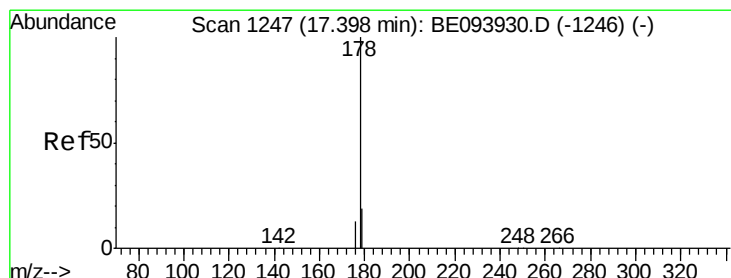
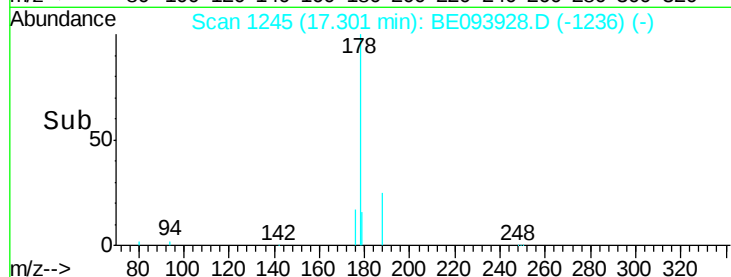
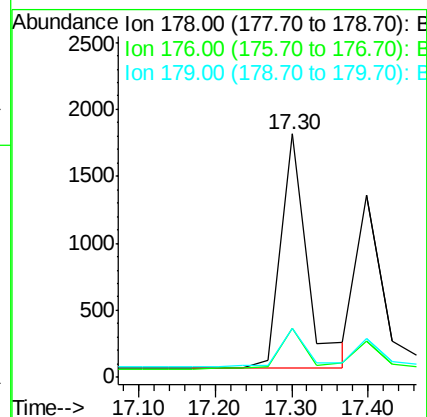
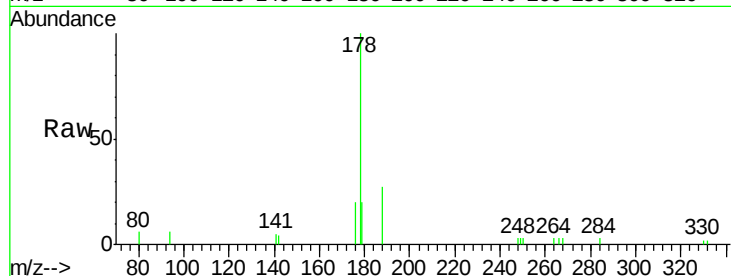
Tgt Ion:178 Resp: 4275

Ion Ratio Lower Upper

178 100

176 18.7 0.0 0.0#

179 16.7 12.6 18.8



#24

Anthracene

Concen: 0.090 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

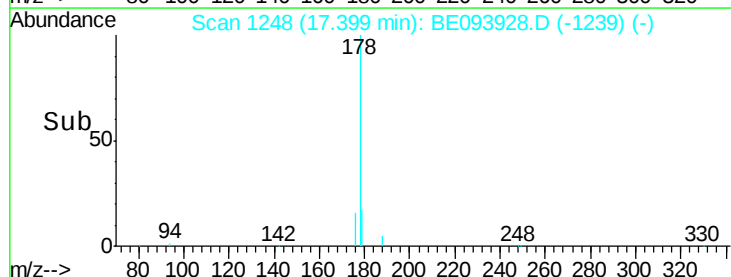
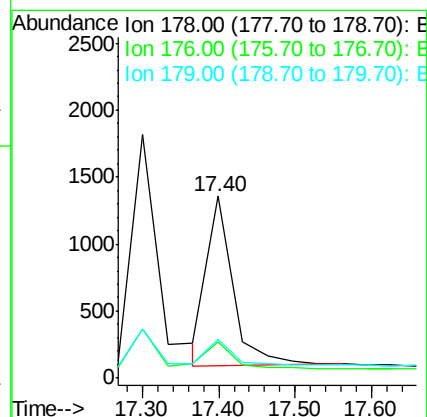
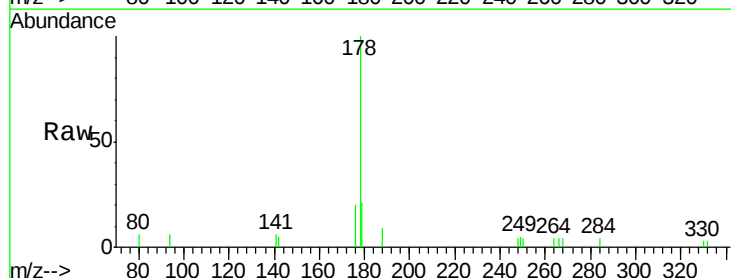
Tgt Ion:178 Resp: 3045

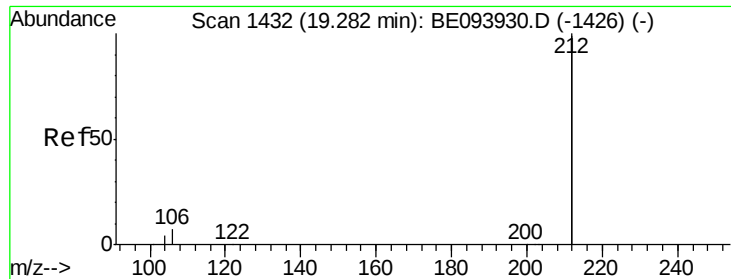
Ion Ratio Lower Upper

178 100

176 16.8 16.0 24.0

179 16.7 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.118 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

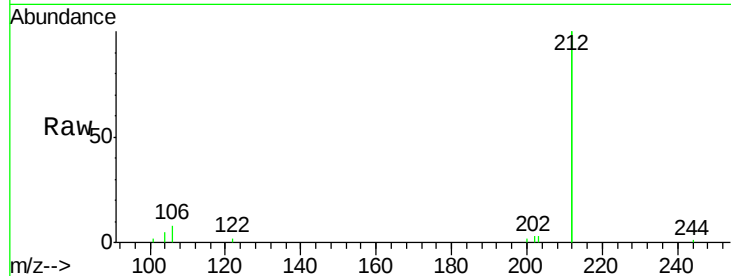
Tgt Ion:212 Resp: 15128

Ion Ratio Lower Upper

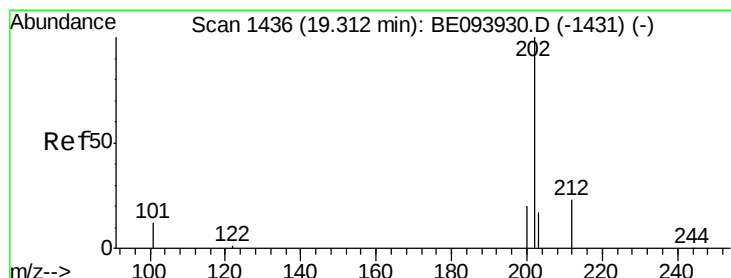
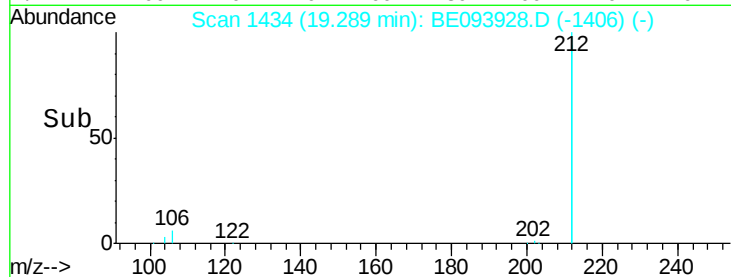
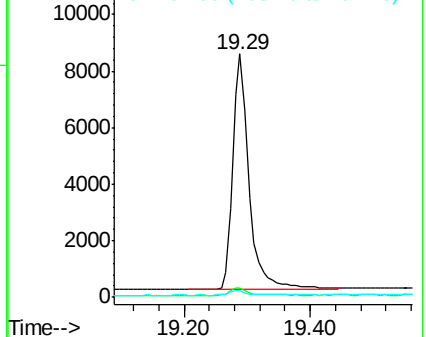
212 100

106 3.6 2.7 4.1

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: 0.116 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

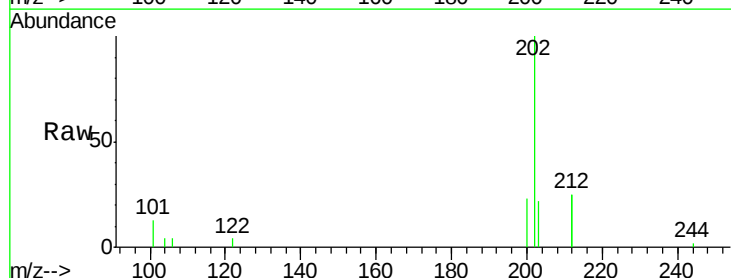
Tgt Ion:202 Resp: 4502

Ion Ratio Lower Upper

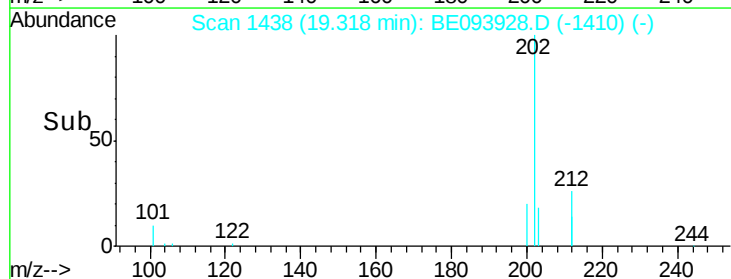
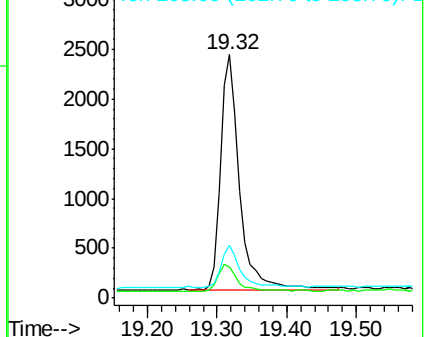
202 100

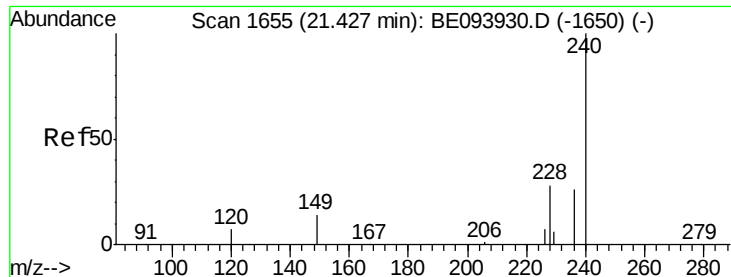
101 12.0 9.7 14.5

203 17.6 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

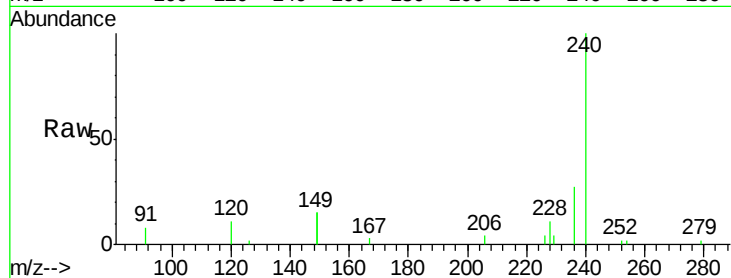
Tgt Ion:240 Resp: 13814

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

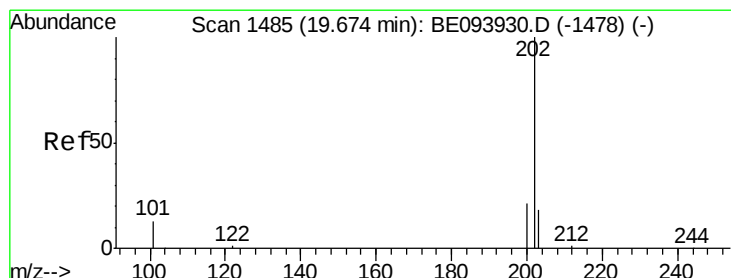
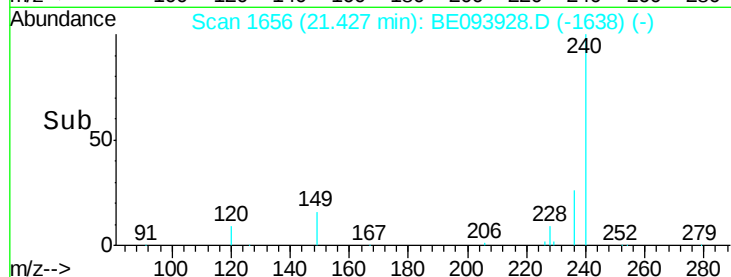
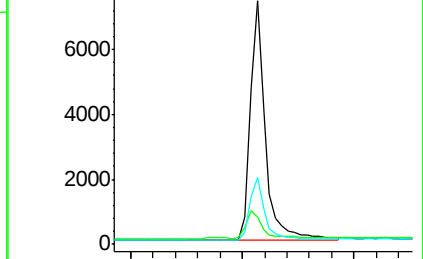
236 27.4 21.3 31.9



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: 0.102 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

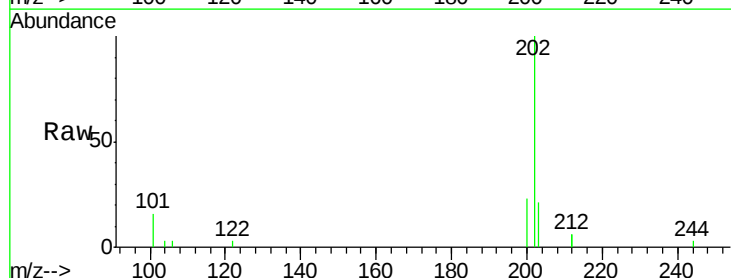
Tgt Ion:202 Resp: 4723

Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

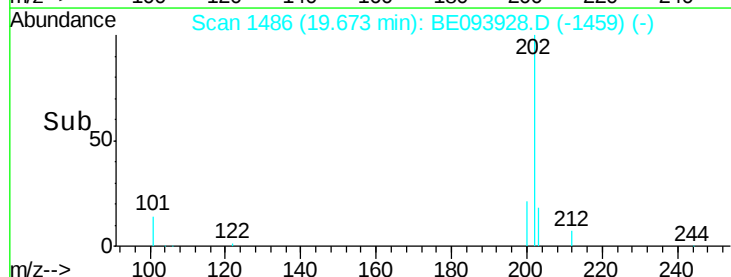
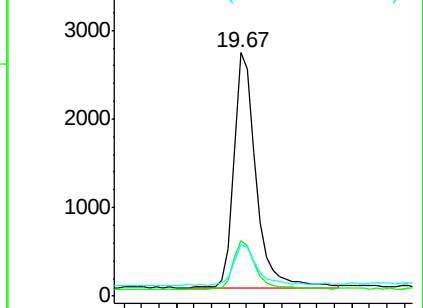
203 18.5 14.2 21.4

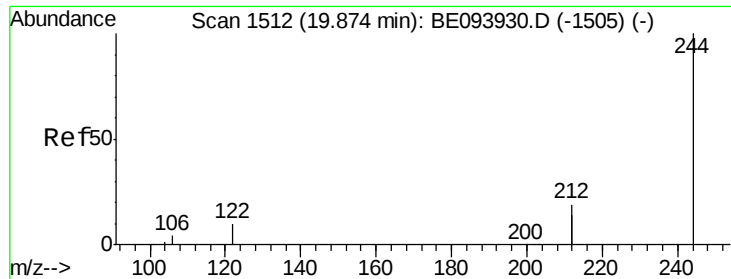


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.105 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

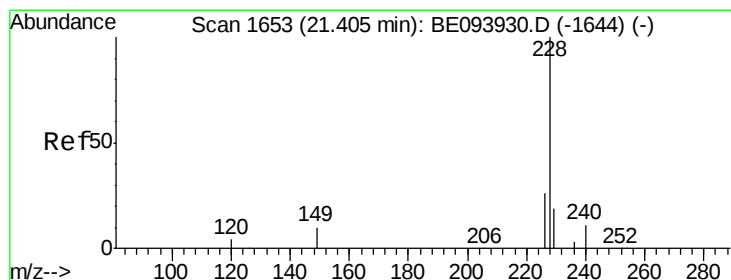
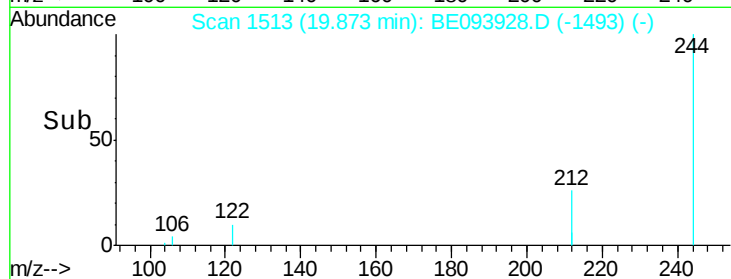
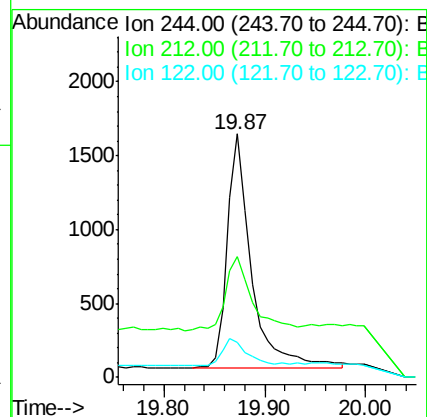
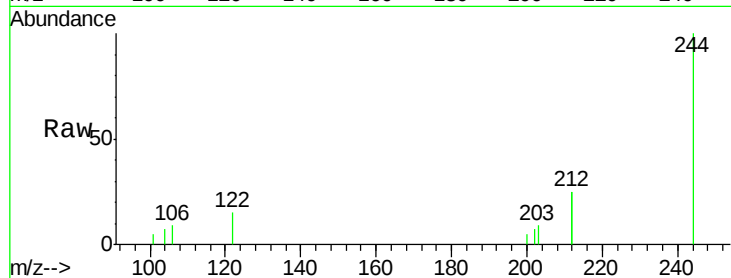
Tgt Ion:244 Resp: 2629

Ion Ratio Lower Upper

244 100

212 49.5 28.3 42.5#

122 14.6 9.4 14.0#



#30

Benzo(a)anthracene

Concen: 0.100 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

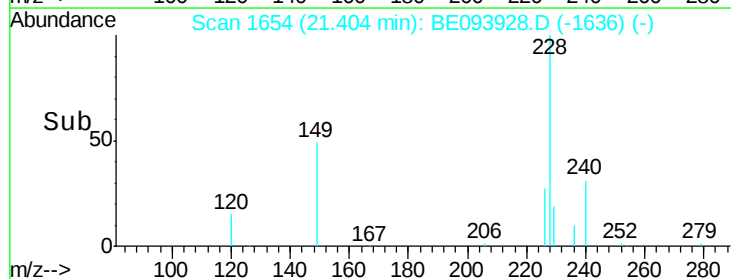
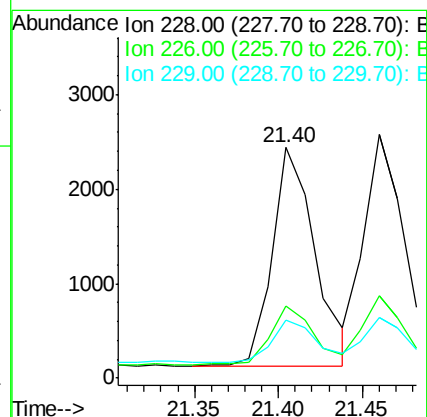
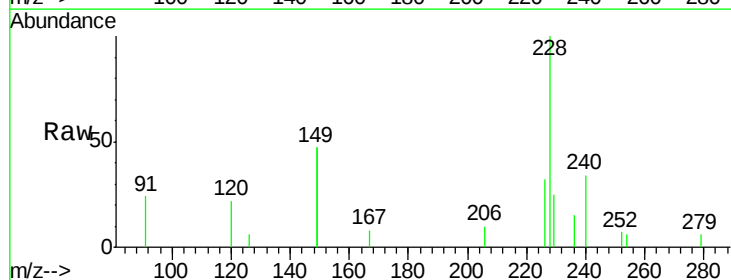
Tgt Ion:228 Resp: 4096

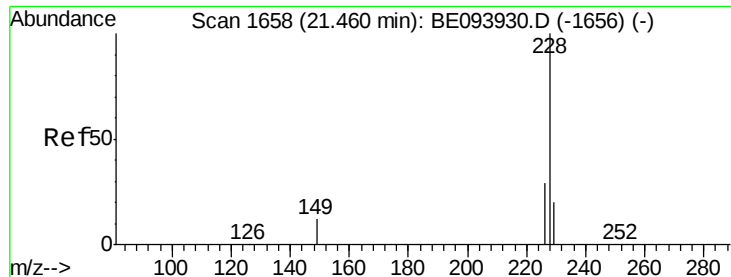
Ion Ratio Lower Upper

228 100

226 31.5 20.8 31.2#

229 25.0 16.6 25.0#





#31

Chrysene

Concen: 0.100 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

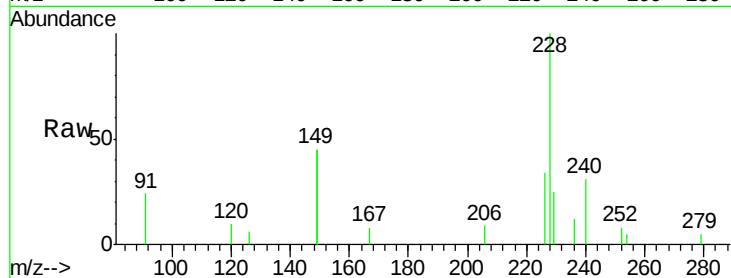
Tgt Ion:228 Resp: 4546

Ion Ratio Lower Upper

228 100

226 33.7 24.6 37.0

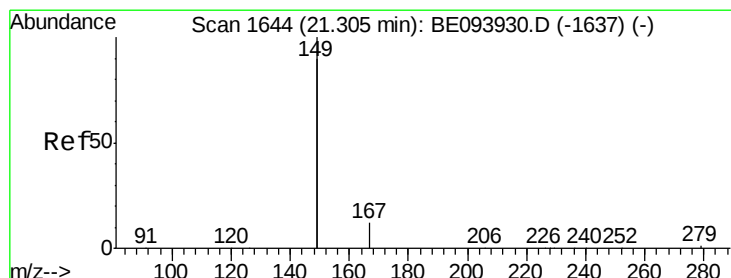
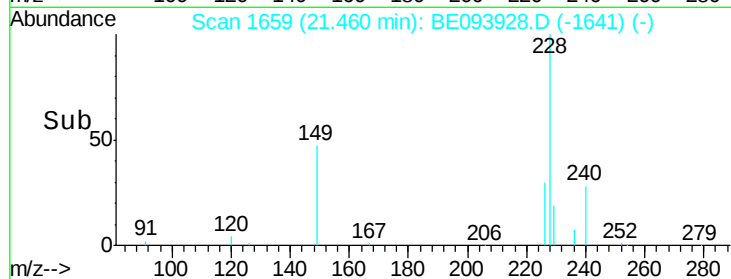
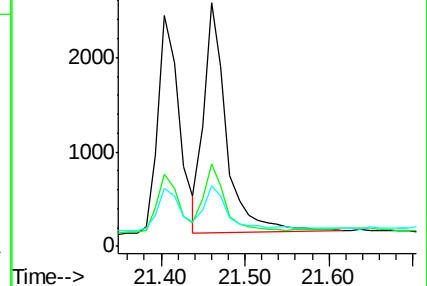
229 24.8 15.8 23.8#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

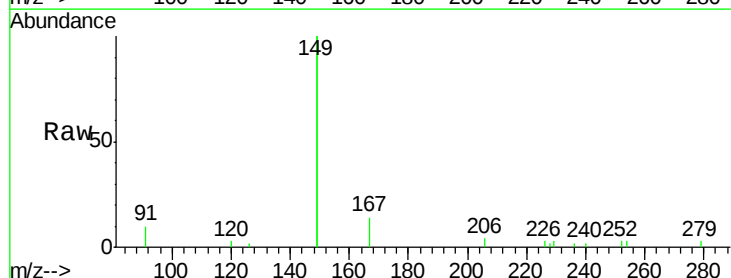
Tgt Ion:149 Resp: 11917

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

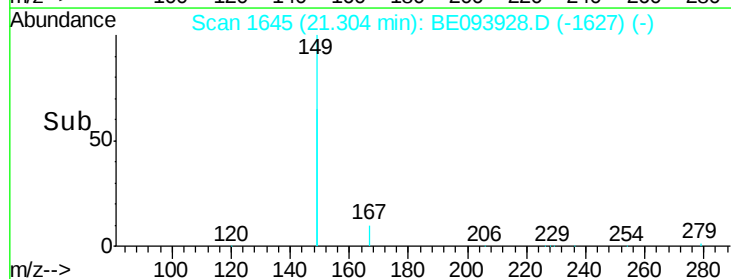
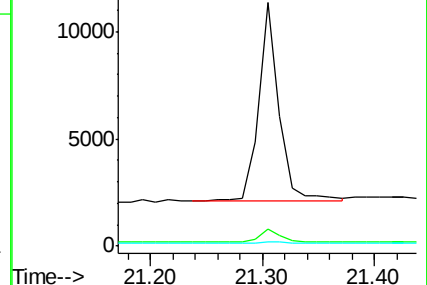
279 1.5 0.7 1.1#

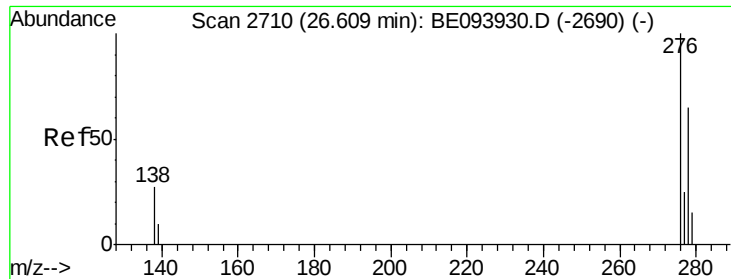


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.095 ng

RT: 26.61 min Scan# 2712

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

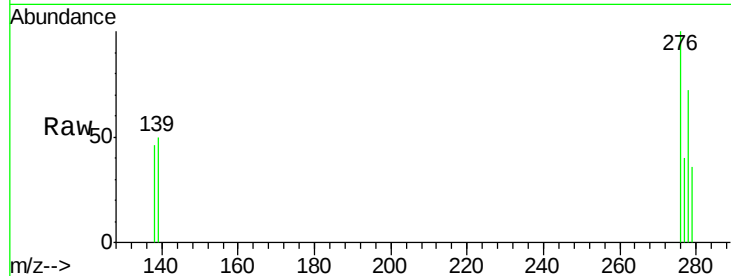
Tgt Ion:276 Resp: 2963

Ion Ratio Lower Upper

276 100

138 6.9 22.2 33.2#

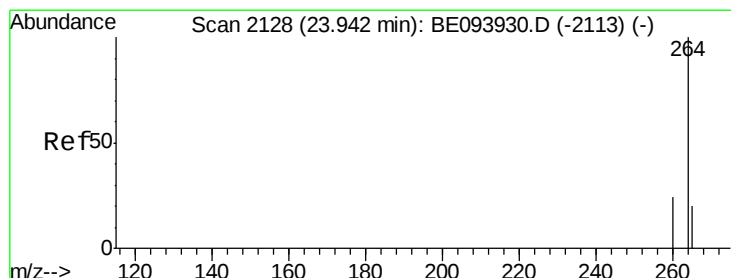
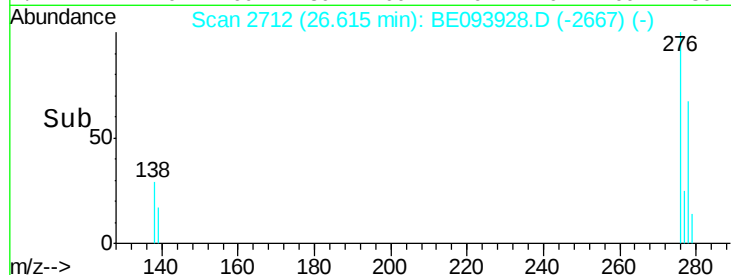
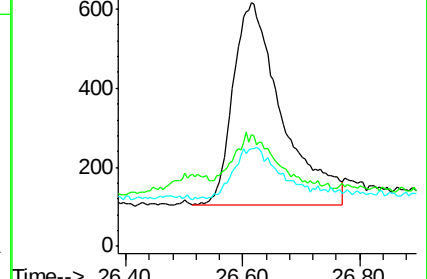
277 7.4 19.5 29.3#



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: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

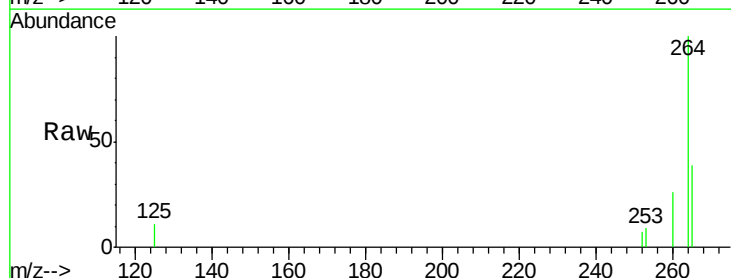
Tgt Ion:264 Resp: 11499

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

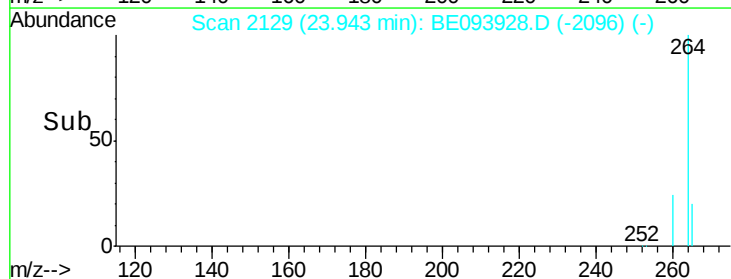
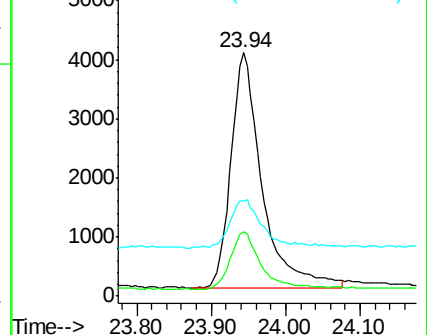
265 39.3 24.0 36.0#

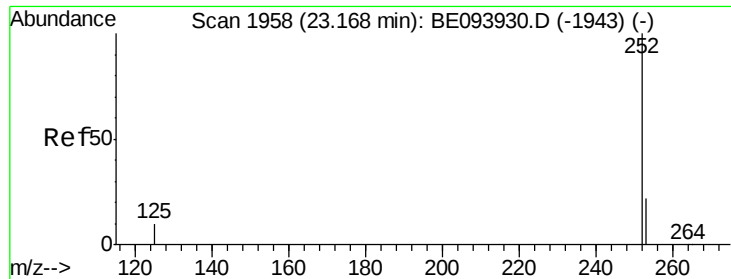


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.093 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

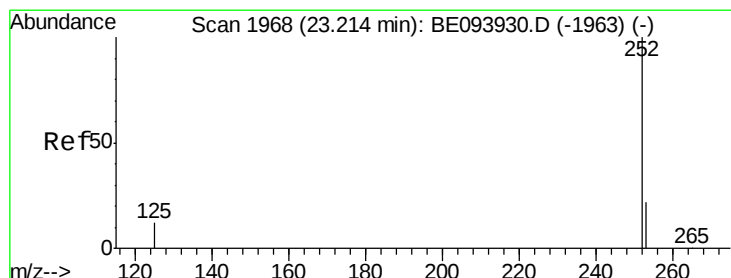
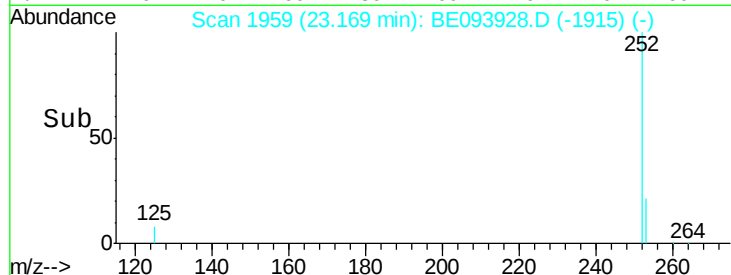
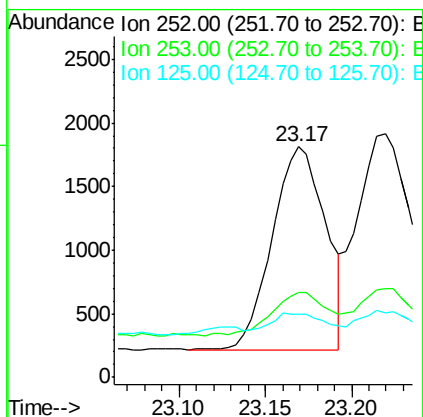
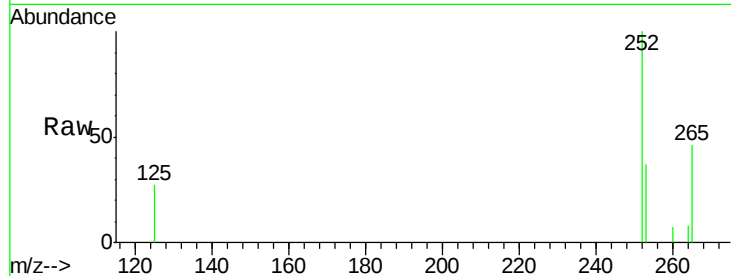
Tgt Ion:252 Resp: 3421

Ion Ratio Lower Upper

252 100

253 36.7 19.4 29.0#

125 27.4 10.0 15.0#



#36

Benzo(k)fluoranthene

Concen: 0.102 ng

RT: 23.22 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

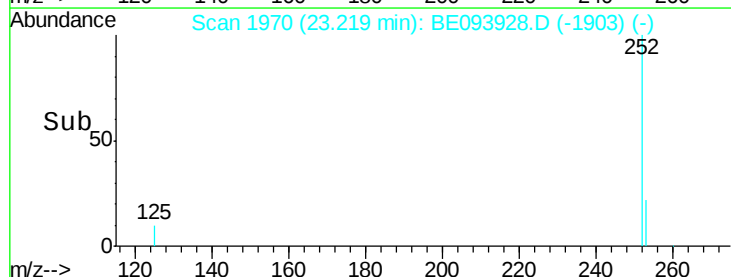
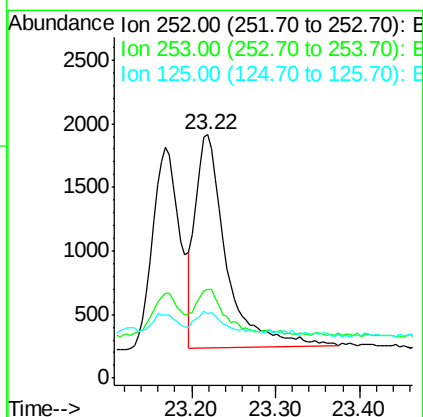
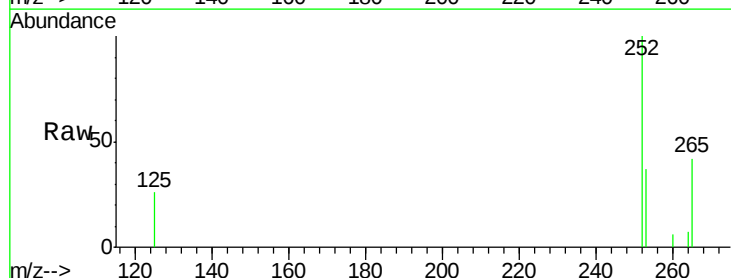
Tgt Ion:252 Resp: 4274

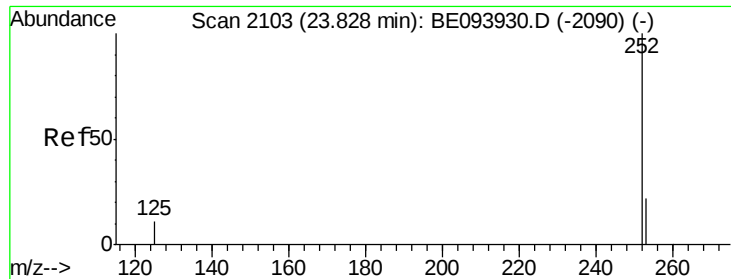
Ion Ratio Lower Upper

252 100

253 36.5 18.1 27.1#

125 26.2 9.8 14.6#





#37

Benzo(a)pyrene

Concen: 0.100 ng

RT: 23.83 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

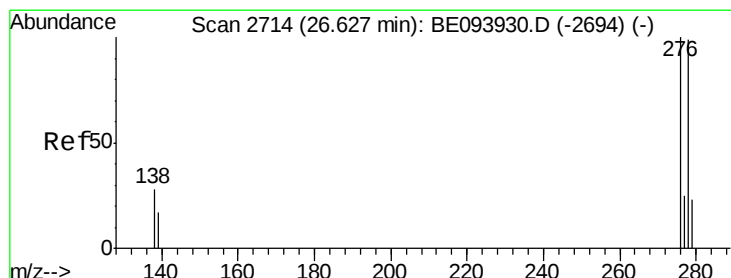
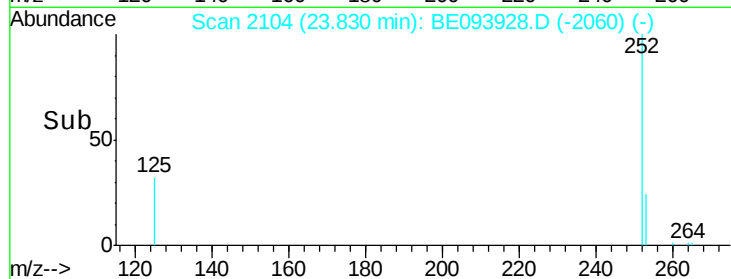
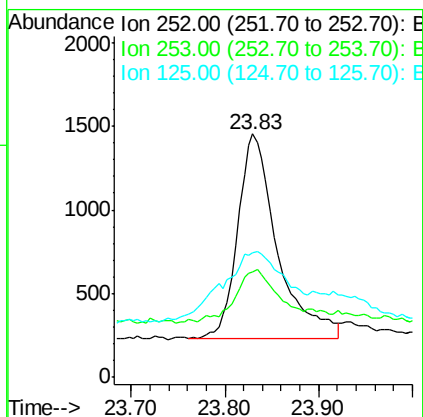
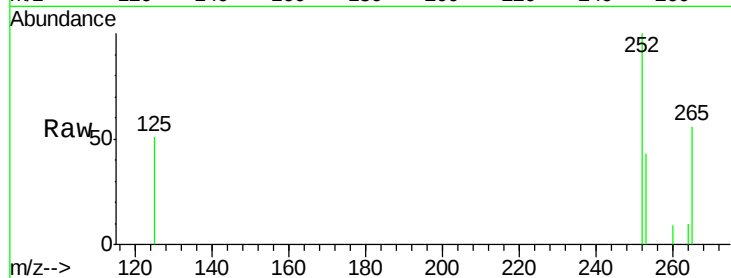
Tgt Ion: 252 Resp: 3638

Ion Ratio Lower Upper

252 100

253 43.3 19.6 29.4#

125 51.4 11.8 17.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.086 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE093928.D

Acq: 5 Sep 2017 9:29

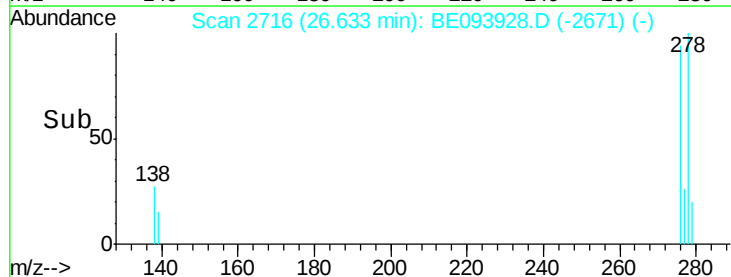
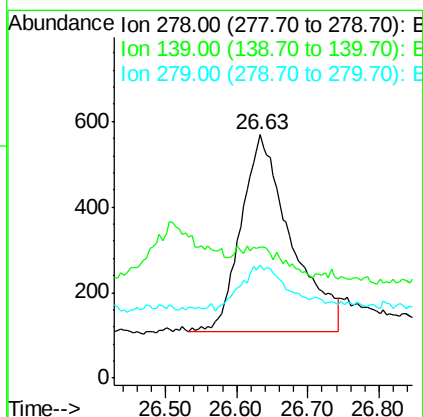
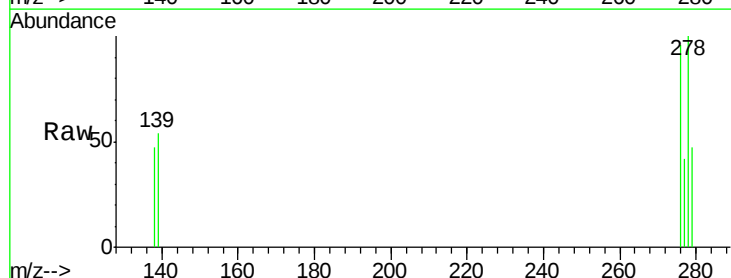
Tgt Ion: 278 Resp: 2215

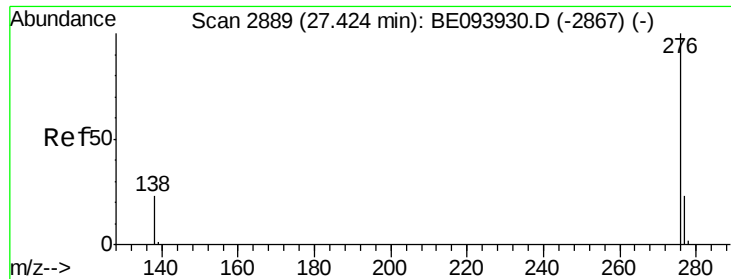
Ion Ratio Lower Upper

278 100

139 53.6 16.7 25.1#

279 46.6 21.6 32.4#





#39

Benzo(g,h,i)perylene

Concen: 0.091 ng

RT: 27.43 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BE093928.D

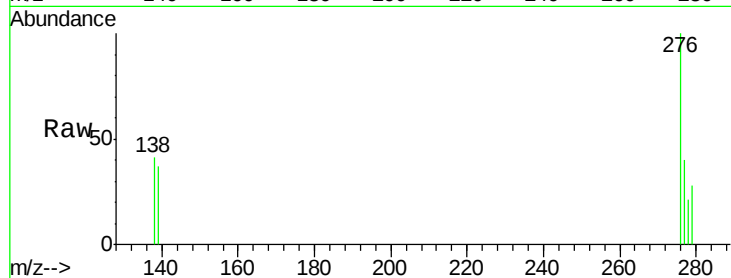
Acq: 5 Sep 2017 9:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



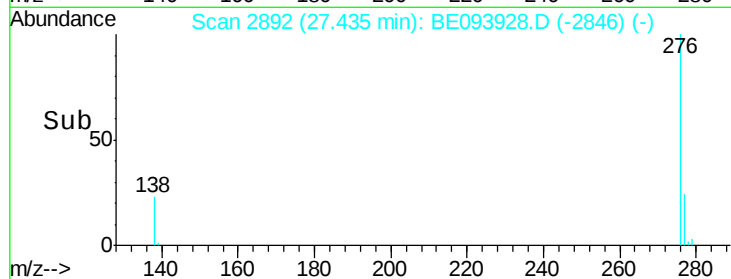
Tgt Ion: 276 Resp: 2542

Ion Ratio Lower Upper

276 100

277 40.0 20.6 30.8#

138 41.1 21.9 32.9#



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

