

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093686.D
 Acq On : 5 Aug 2017 22:00
 Operator : SJ/JU
 Sample : I4427-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LASB-15B-1

Quant Time: Aug 06 02:46:18 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	3215	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15995	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	9219	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	24737	0.40	ng	0.00
27) Chrysene-d12	21.40	240	23094	0.40	ng	-0.01
34) Perylene-d12	23.91	264	20778	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	2574	0.27	ng	0.00
5) Phenol-d6	7.09	99	4822	0.33	ng	0.00
8) Nitrobenzene-d5	9.06	82	6190	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5692	0.23	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	661	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7619	0.21	ng	-0.01
25) Fluoranthene-d10	19.27	212	56067	0.20	ng	0.00
29) Terphenyl-d14	19.86	244	11536	0.28	ng	0.00

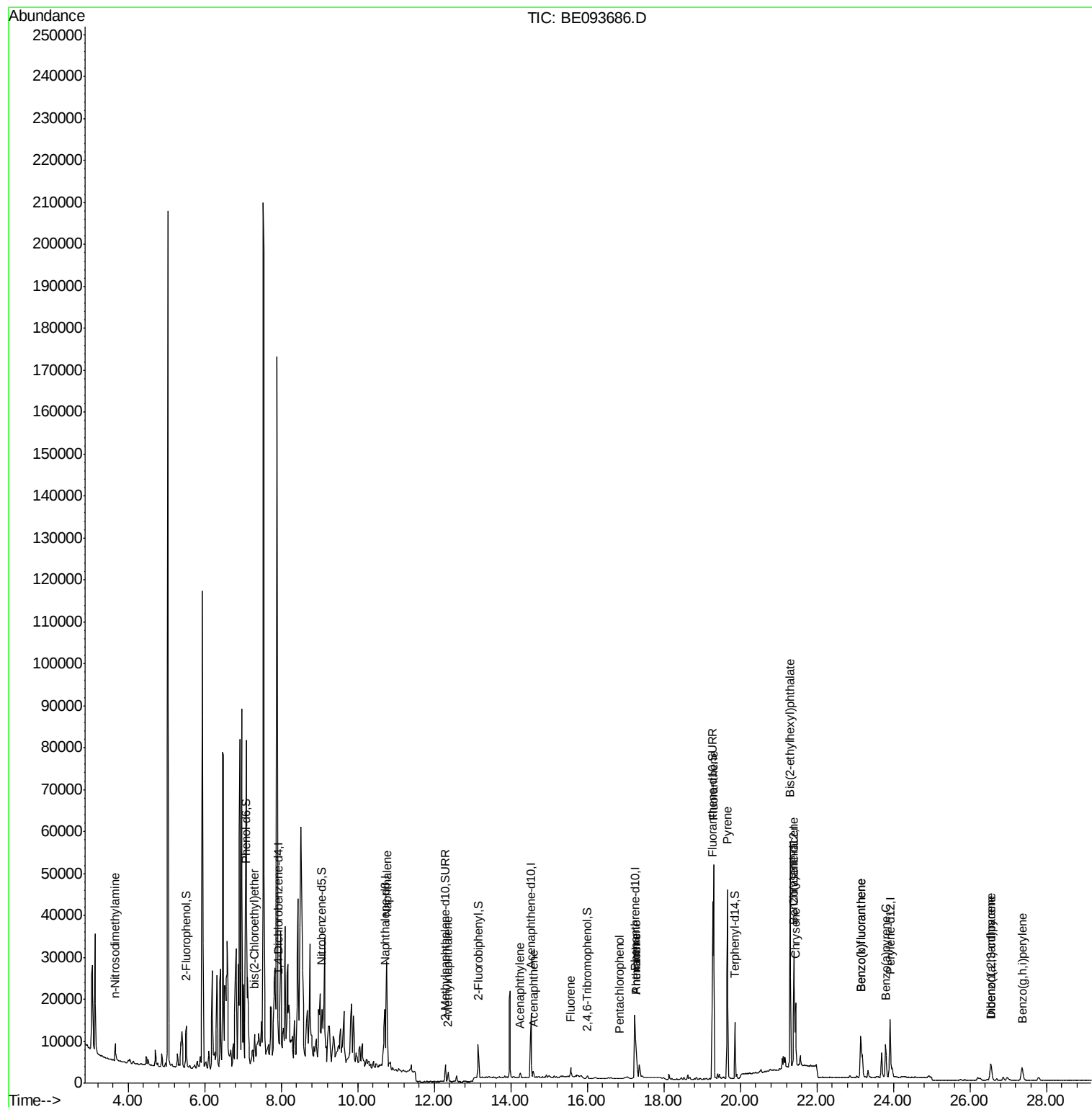
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	971	0.199	ng	# 1
6) bis(2-Chloroethyl)ether	7.30	93	375	0.031	ng	# 1
9) Naphthalene	10.76	128	40769	0.220	ng	# 98
12) 2-Methylnaphthalene	12.36	142	1725	0.056	ng	# 97
16) Acenaphthylene	14.24	152	1331	0.030	ng	# 85
17) Acenaphthene	14.59	154	738	0.024	ng	# 95
18) Fluorene	15.56	166	1351	0.033	ng	# 81
20) 4-Bromophenyl-phenylether	16.42	248	10	Below Cal		# 18
22) Pentachlorophenol	16.84	266	23	0.155	ng	# 66
23) Phenanthrene	17.27	178	15776	0.290	ng	# 96
24) Anthracene	17.27	178	15667	0.211	ng	# 91
26) Fluoranthene	19.30	202	47796	0.552	ng	# 99
28) Pyrene	19.66	202	41206	0.552	ng	# 90
30) Benzo(a)anthracene	21.39	228	17666	0.260	ng	# 95
31) Chrysene	21.45	228	16142	0.213	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.30	149	58423	0.631	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	7468	0.109	ng	# 90
35) Benzo(b)fluoranthene	23.15	252	19809	0.267	ng	# 96
36) Benzo(k)fluoranthene	23.15	252	19790	0.261	ng	# 100
37) Benzo(a)pyrene	23.80	252	12341	0.184	ng	# 97
38) Dibenzo(a,h)anthracene	26.56	278	1789	0.028	ng	# 72
39) Benzo(g,h,i)perylene	27.36	276	7574	0.115	ng	# 97

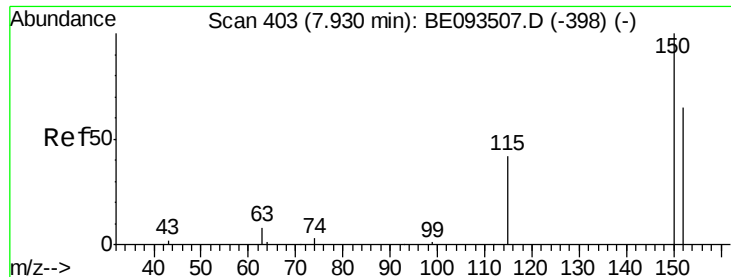
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

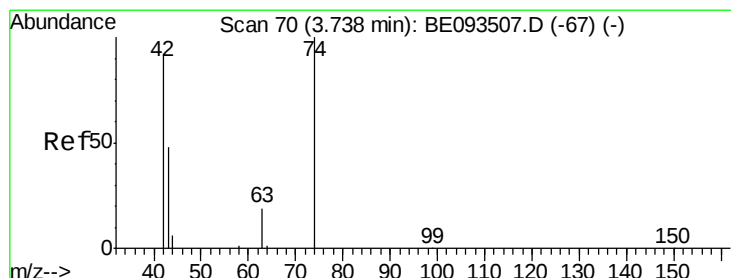
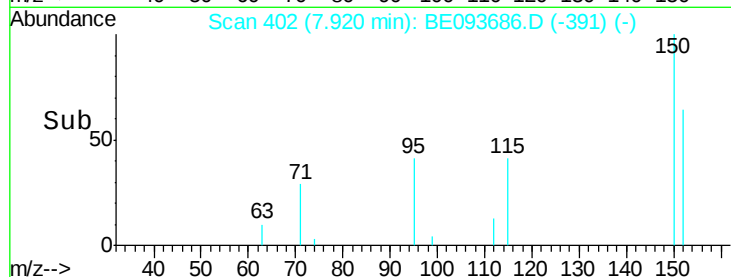
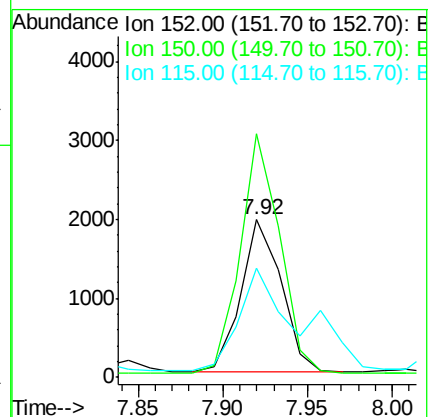
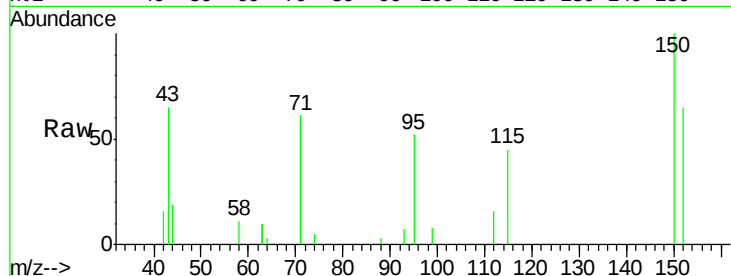
Tgt Ion:152 Resp: 3215

Ion Ratio Lower Upper

152 100

150 154.5 125.1 187.7

115 69.5 55.7 83.5



#3

n-Nitrosodimethylamine

Concen: 0.199 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.07 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

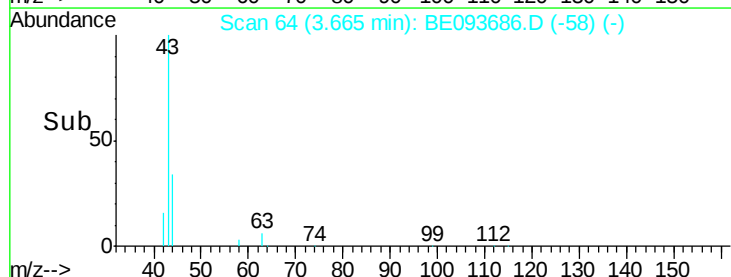
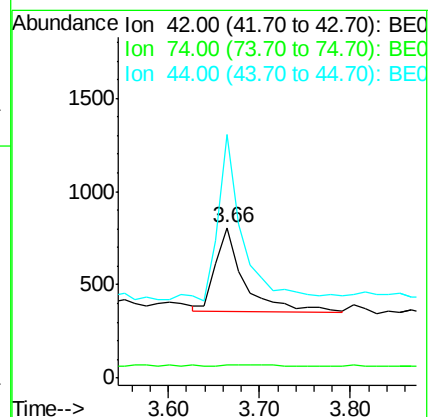
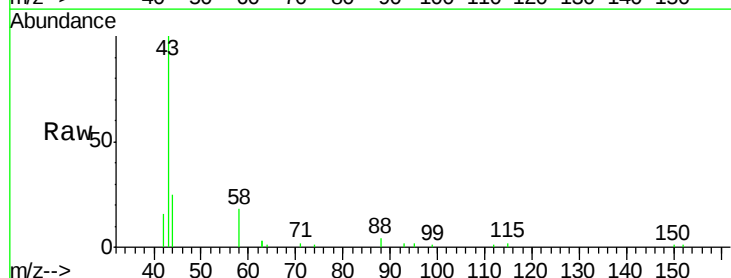
Tgt Ion: 42 Resp: 971

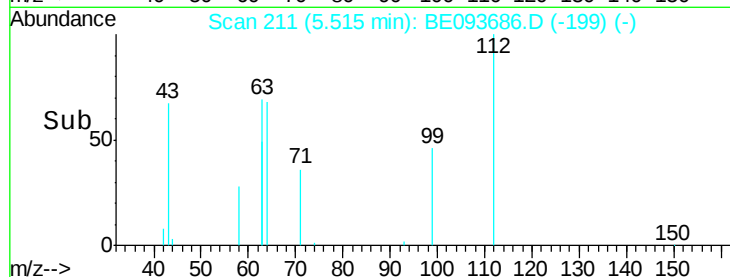
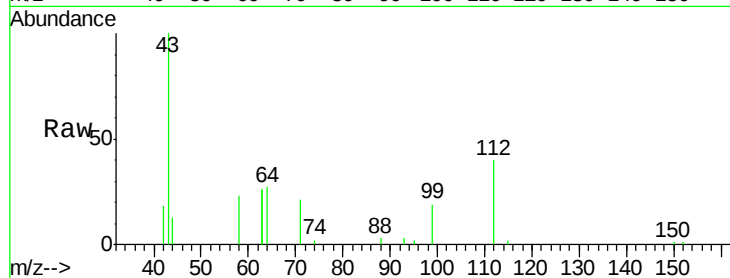
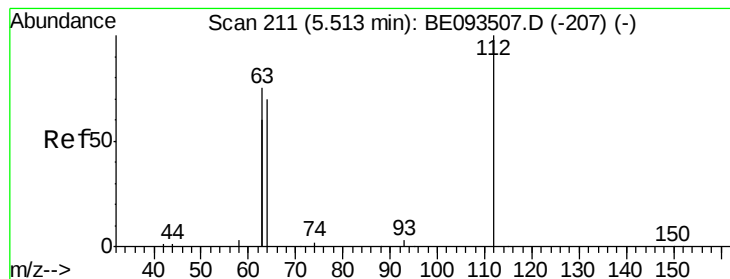
Ion Ratio Lower Upper

42 100

74 1.8 99.1 148.7#

44 144.8 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.269 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

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LASB-15B-1

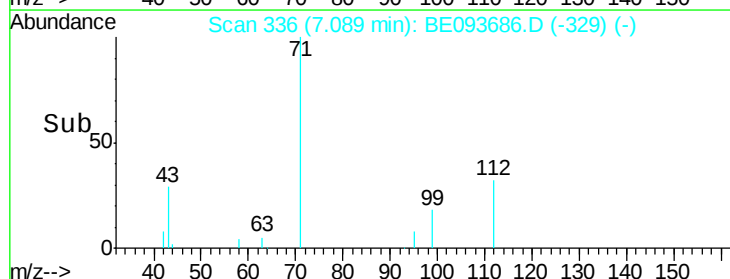
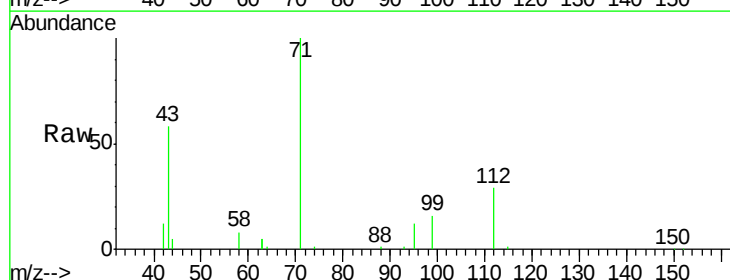
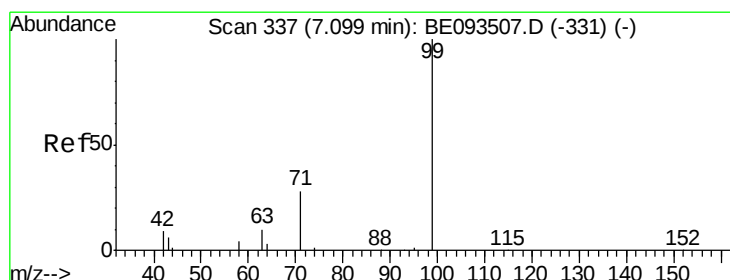
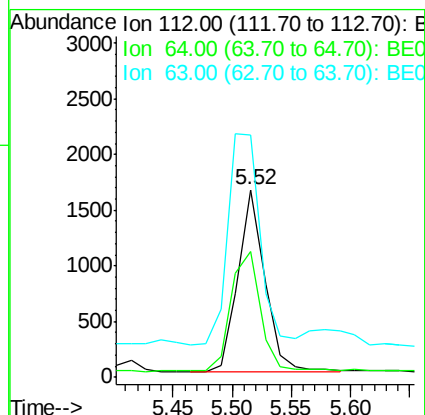
Tgt Ion: 112 Resp: 2574

Ion Ratio Lower Upper

112 100

64 72.6 56.4 84.6

63 138.3 29.3 43.9#



#5

Phenol-d6

Concen: 0.334 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

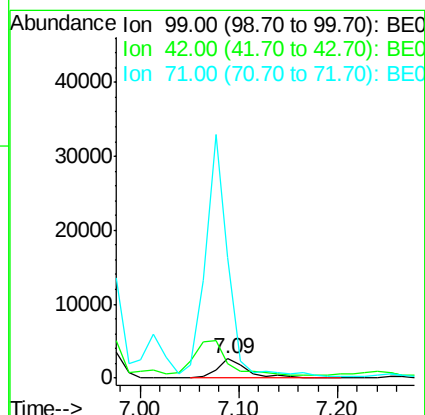
Tgt Ion: 99 Resp: 4822

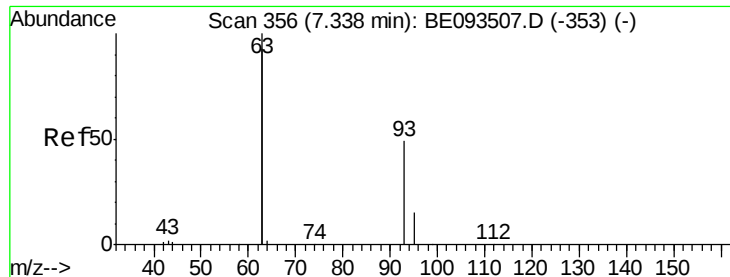
Ion Ratio Lower Upper

99 100

42 229.1 0.0 0.0#

71 1068.1 0.0 0.0#





#6

bis(2-Chloroethyl)ether

Concen: 0.031 ng

RT: 7.30 min Scan# 353

Delta R.T. -0.04 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

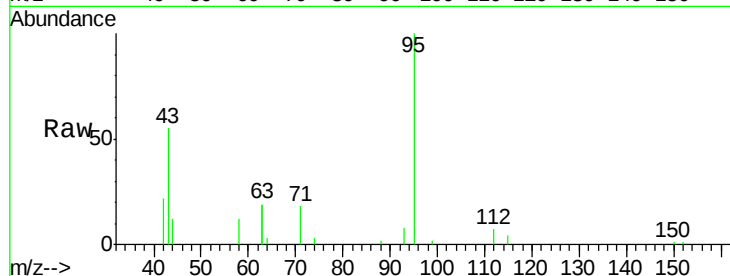
Tgt Ion: 93 Resp: 375

Ion Ratio Lower Upper

93 100

63 561.6 0.0 0.0#

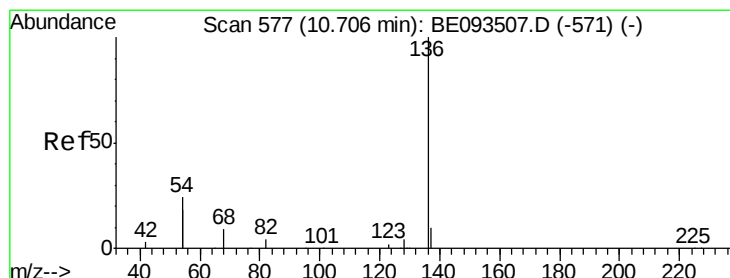
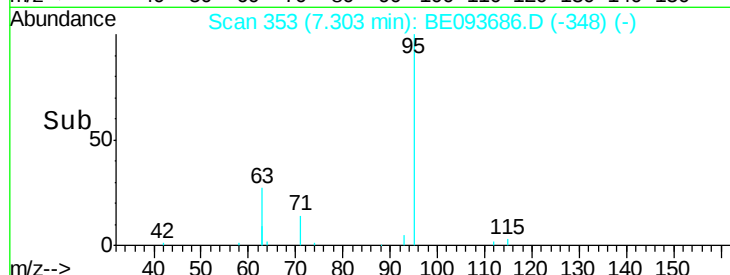
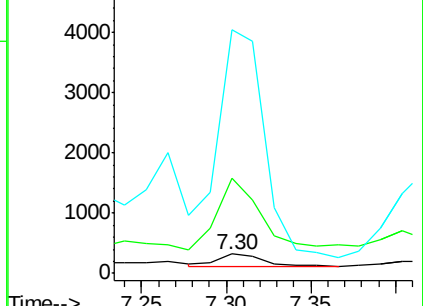
95 1910.4 25.4 38.0#



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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Tgt Ion: 136 Resp: 15995

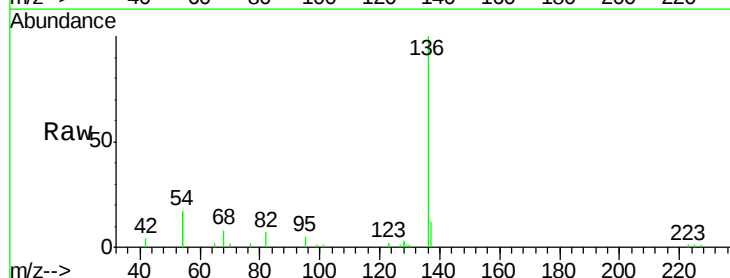
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 33.5 10.3 15.5#

68 7.8 9.0 13.4#

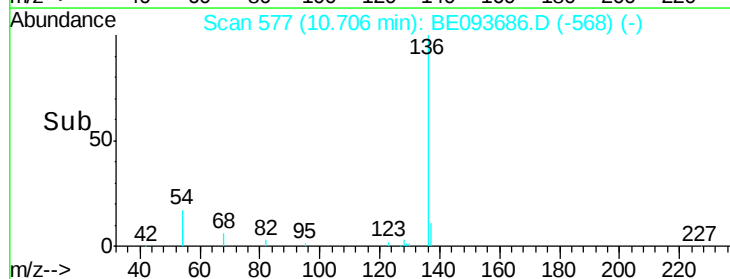
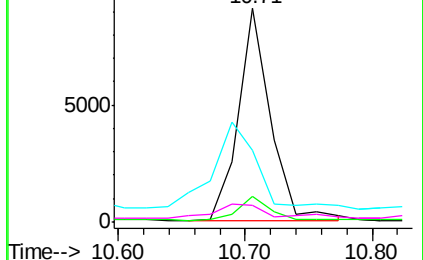


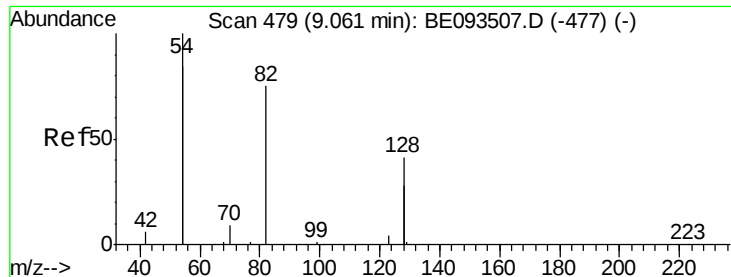
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.507 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

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BNA_E

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LASB-15B-1

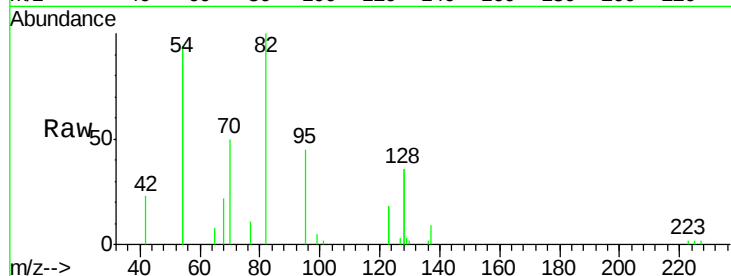
Tgt Ion: 82 Resp: 6190

Ion Ratio Lower Upper

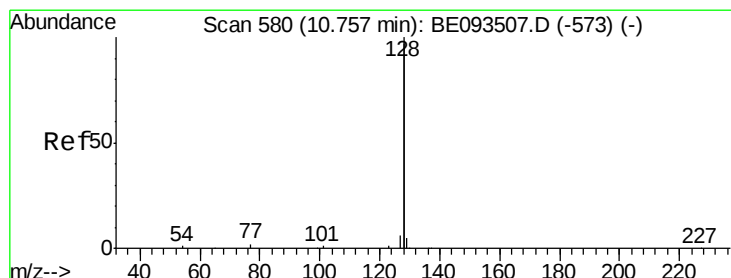
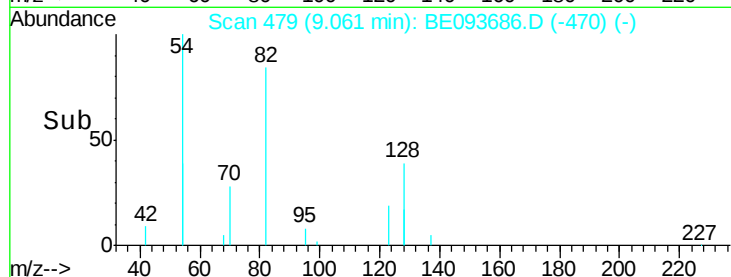
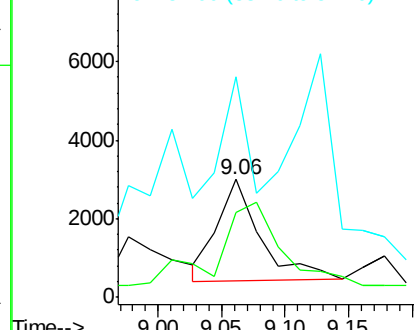
82 100

128 72.7 17.0 25.4#

54 187.8 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.220 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

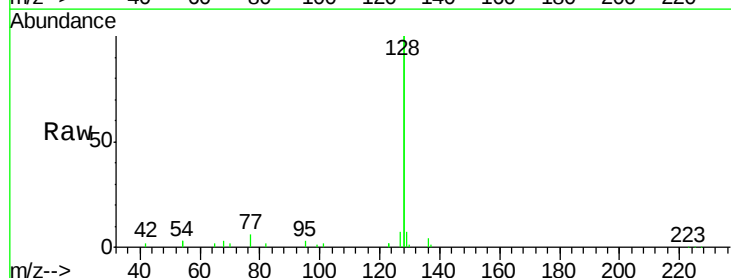
Tgt Ion: 128 Resp: 40769

Ion Ratio Lower Upper

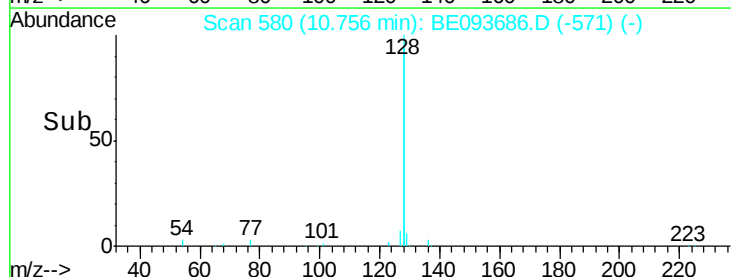
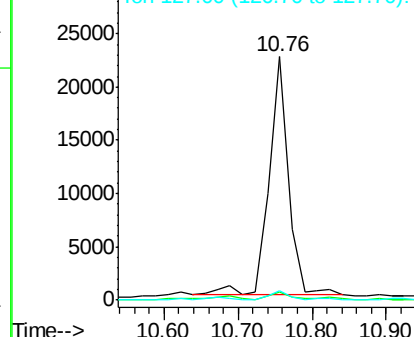
128 100

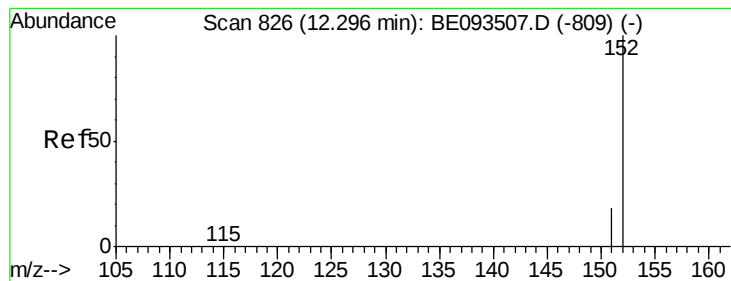
129 3.5 2.4 3.6

127 3.6 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





#11

2-Methylnaphthalene-d10

Concen: 0.225 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

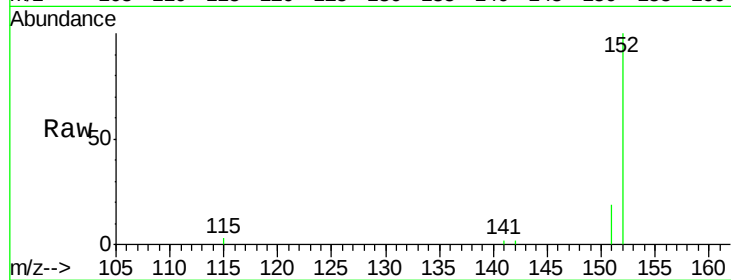
LASB-15B-1

Tgt Ion:152 Resp: 5692

Ion Ratio Lower Upper

152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

4000

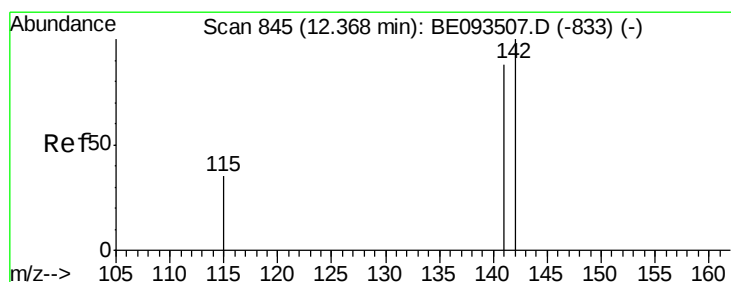
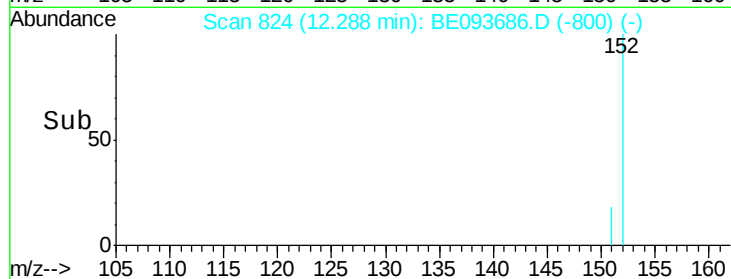
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.056 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

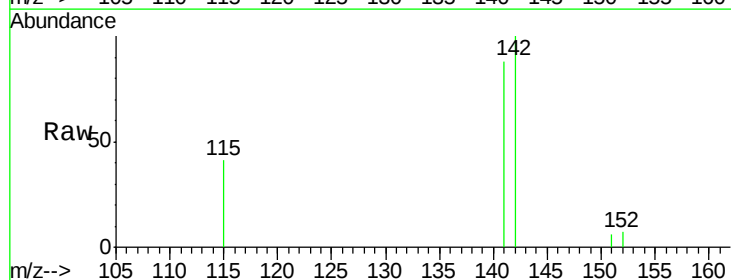
Tgt Ion:142 Resp: 1725

Ion Ratio Lower Upper

142 100

141 87.9 72.6 108.8

115 41.2 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.36

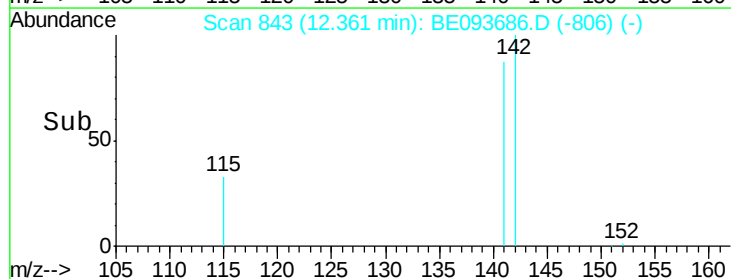
1500

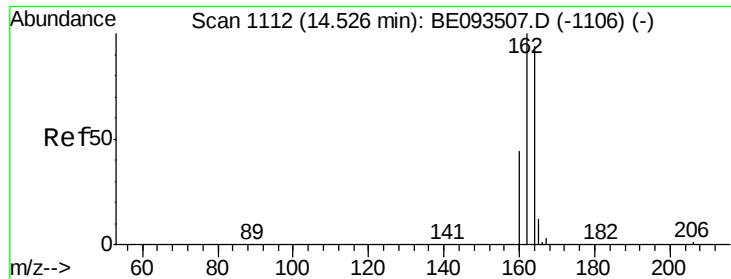
1000

500

0

Time--> 12.30 12.35 12.40 12.45

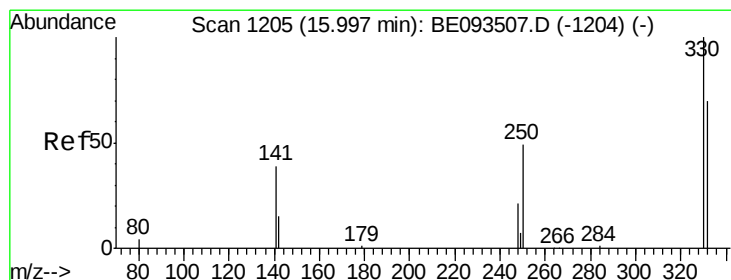
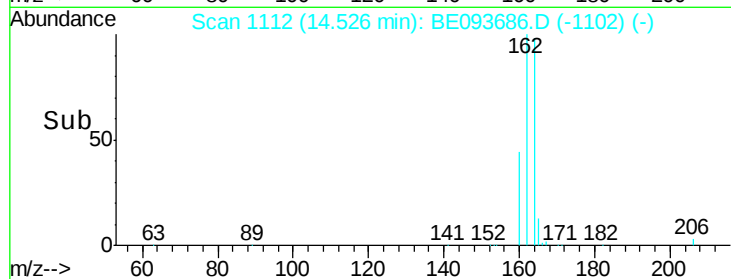
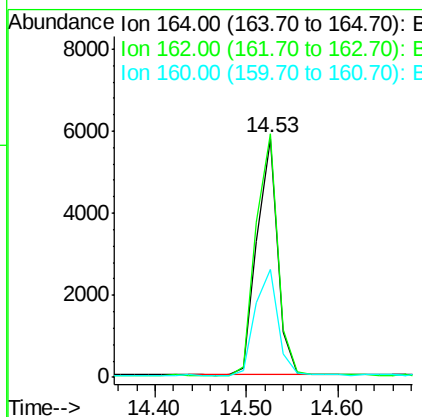
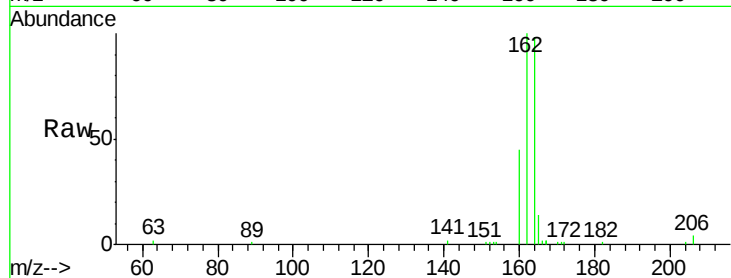




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

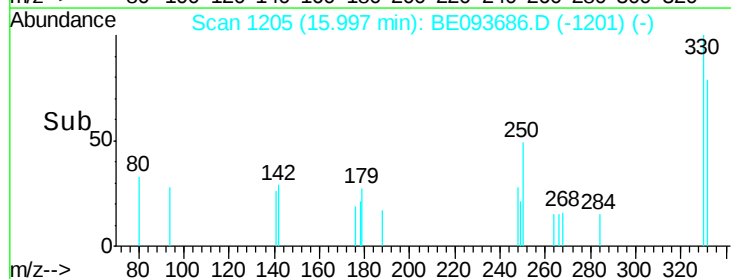
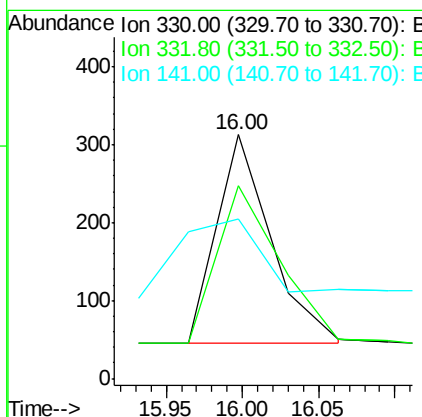
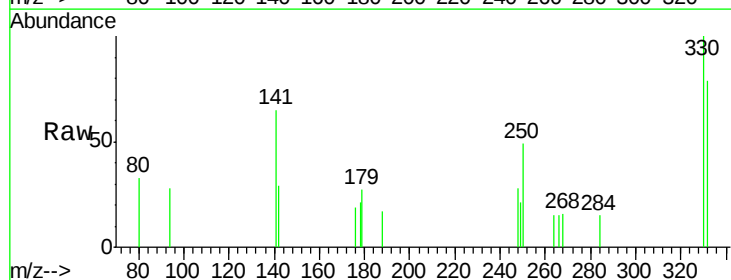
Instrument :
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 LASB-15B-1

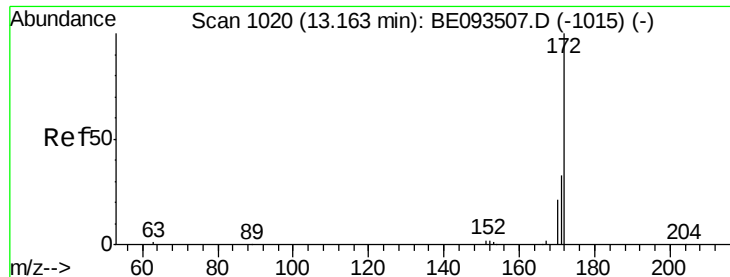
Tgt Ion:164 Resp: 9219
 Ion Ratio Lower Upper
 164 100
 162 102.0 84.6 127.0
 160 45.5 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

Tgt Ion:330 Resp: 661
 Ion Ratio Lower Upper
 330 100
 332 87.6 77.7 116.5
 141 58.2 56.2 84.4

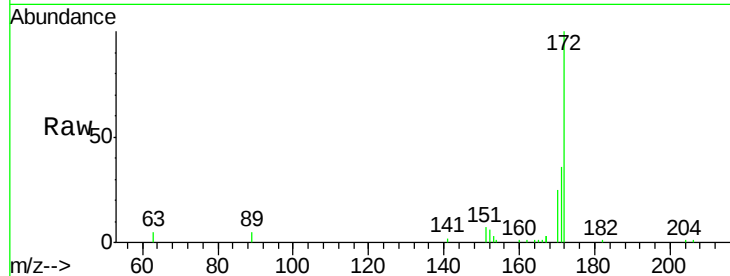




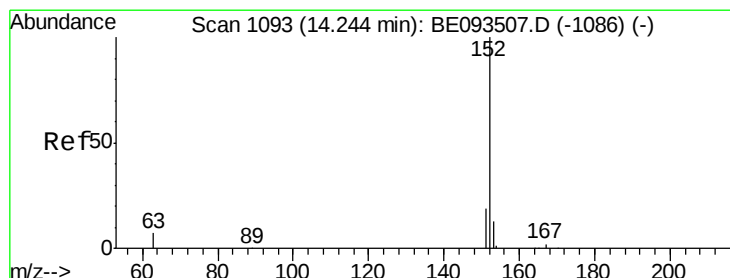
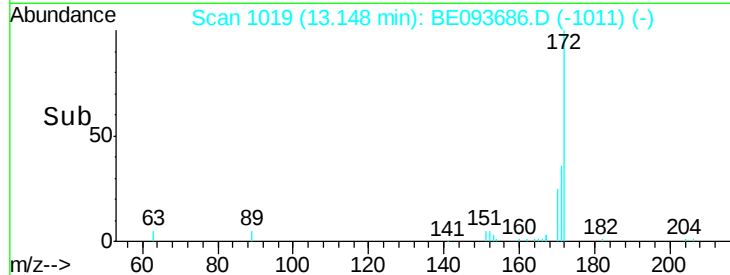
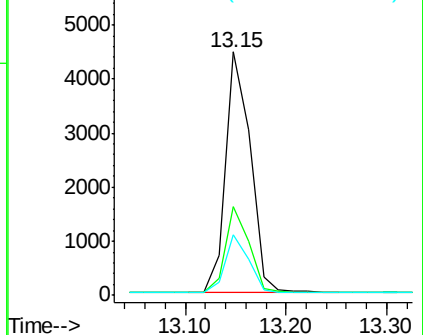
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093686.D
Acq: 5 Aug 2017 22:00

Instrument :
BNA_E
ClientSampleId :
LASB-15B-1

Tgt Ion:172 Resp: 7619
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.9 20.7 31.1

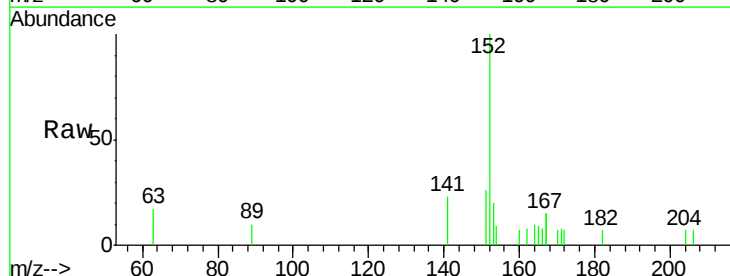


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

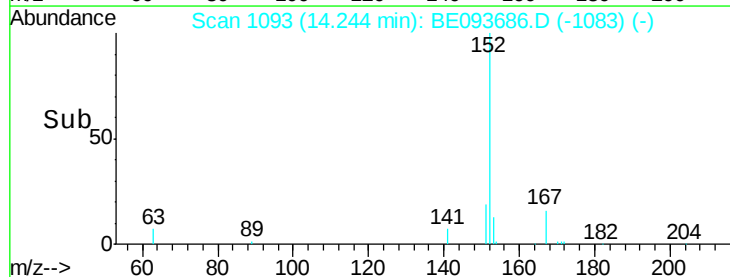
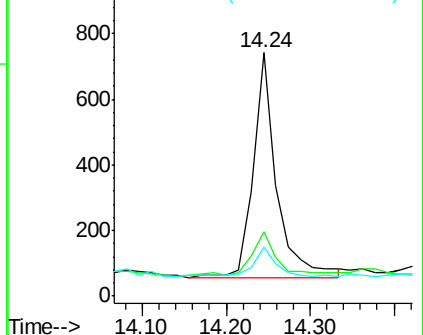


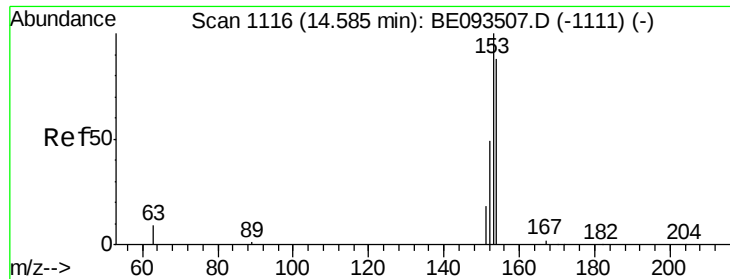
#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093686.D
Acq: 5 Aug 2017 22:00

Tgt Ion:152 Resp: 1331
Ion Ratio Lower Upper
152 100
151 22.5 4.0 6.0#
153 12.6 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.024 ng

RT: 14.59 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

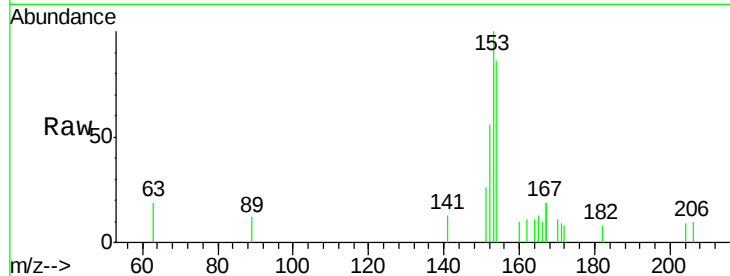
Tgt Ion:154 Resp: 738

Ion Ratio Lower Upper

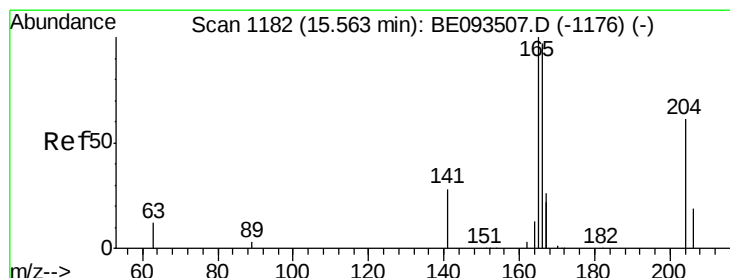
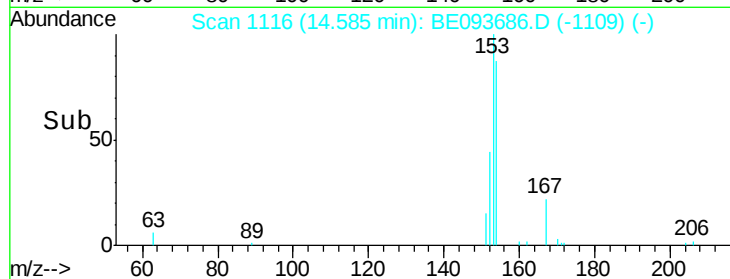
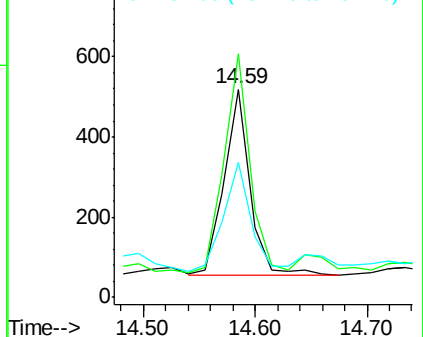
154 100

153 117.8 91.2 136.8

152 62.5 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: 0.033 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

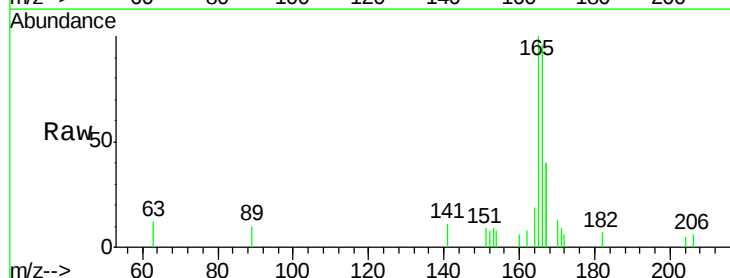
Tgt Ion:166 Resp: 1351

Ion Ratio Lower Upper

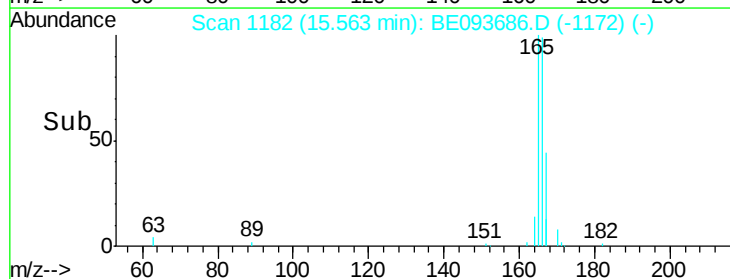
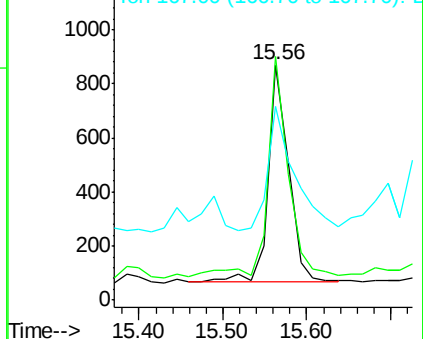
166 100

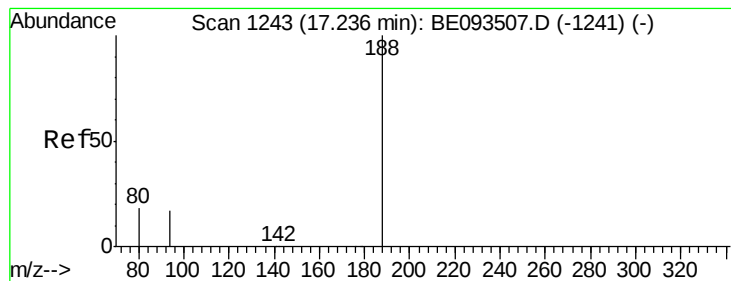
165 98.1 78.6 117.8

167 75.0 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: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

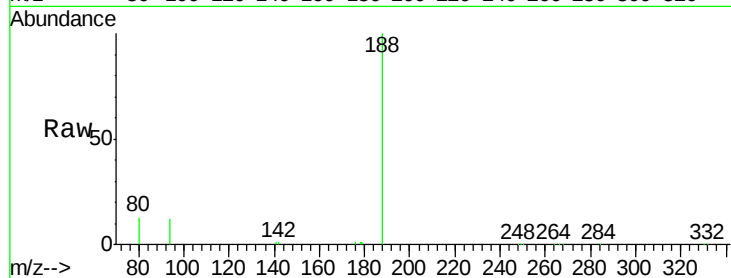
Tgt Ion:188 Resp: 24737

Ion Ratio Lower Upper

188 100

94 12.5 11.3 16.9

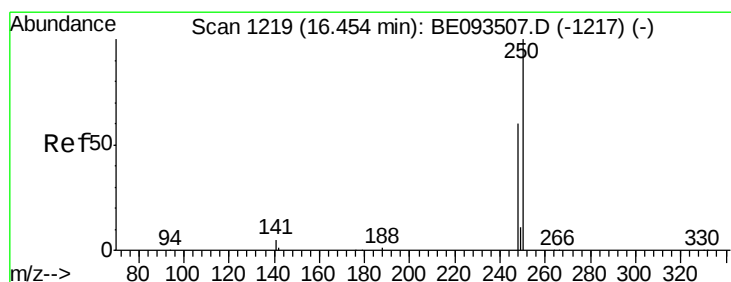
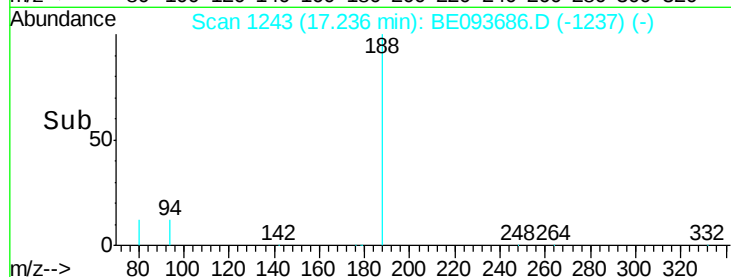
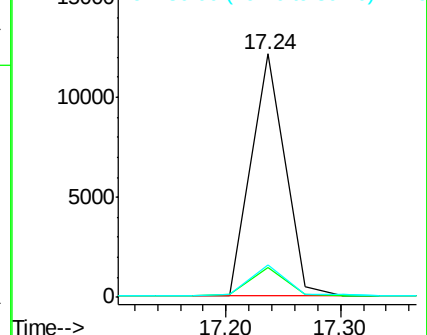
80 13.1 11.7 17.5



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: Below Cal

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

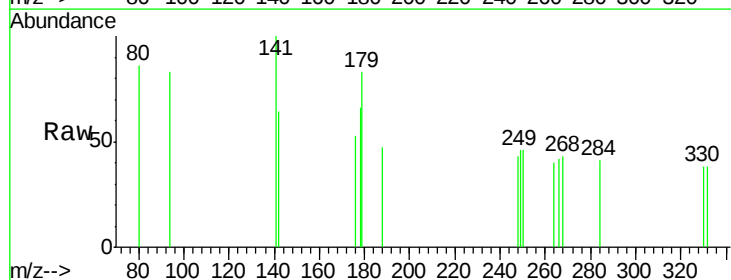
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 105.9 128.0 192.0#

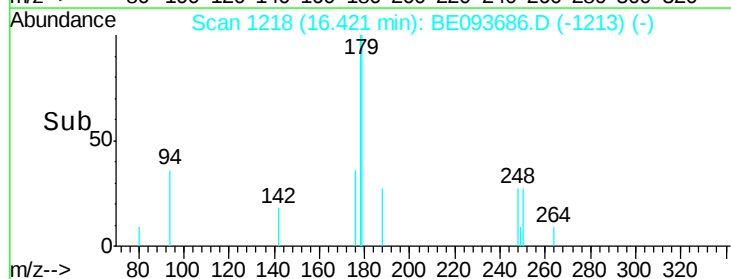
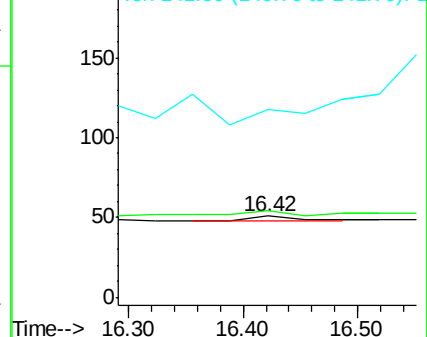
141 231.4 12.0 18.0#

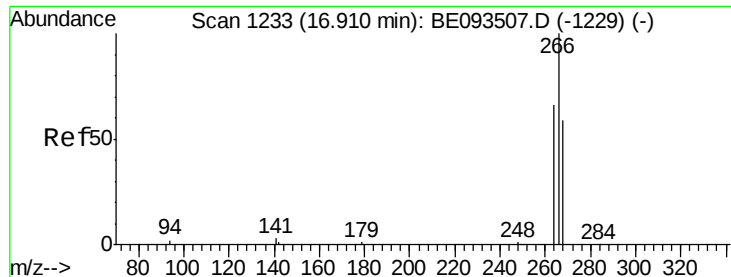


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

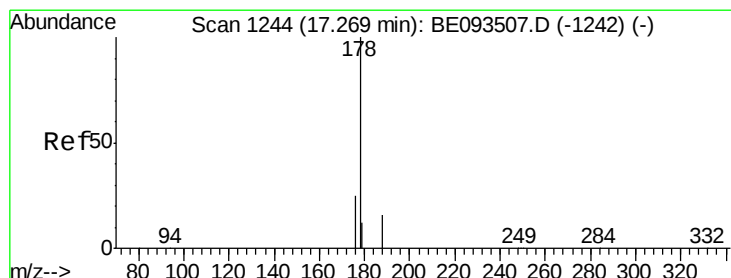
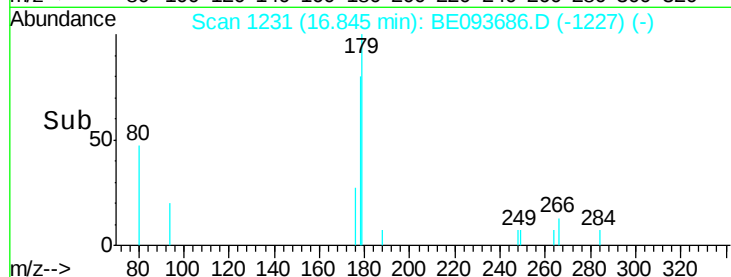
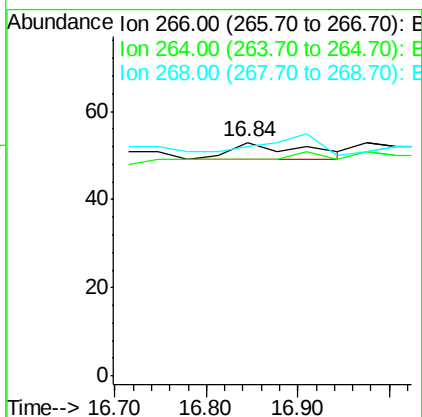
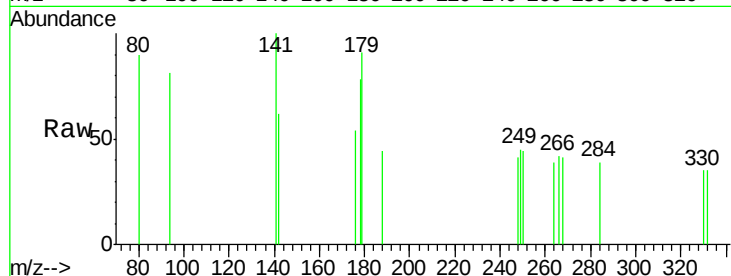




#22
 Pentachlorophenol
 Concen: 0.155 ng
 RT: 16.84 min Scan# 1231
 Delta R.T. -0.07 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

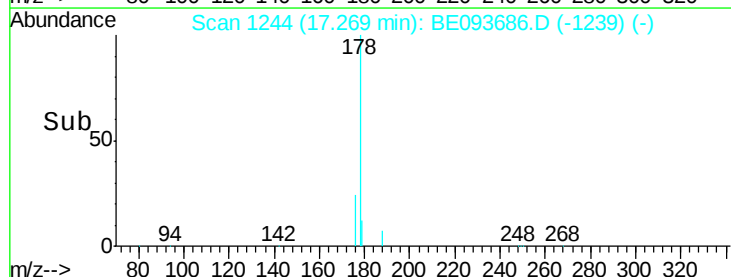
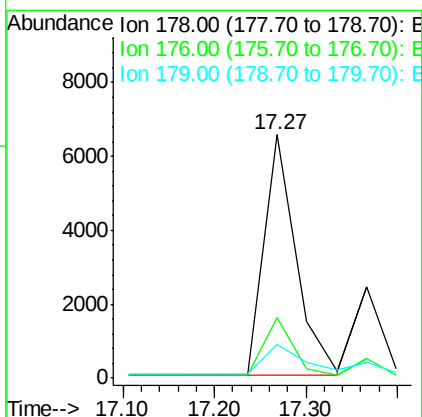
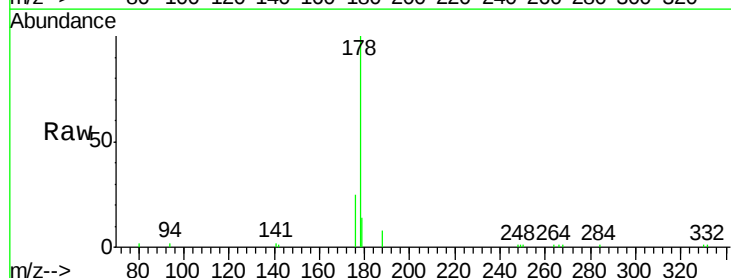
Instrument :
 BNA_E
 ClientSampleId :
 LASB-15B-1

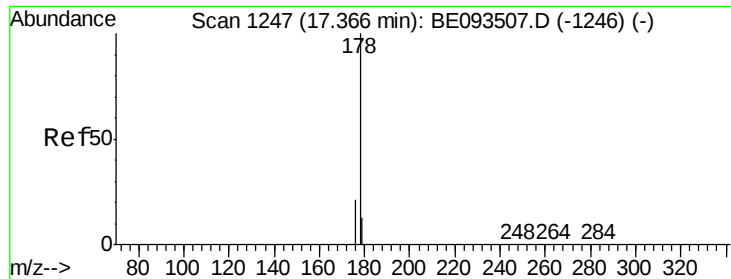
Tgt Ion: 266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 264 92.5 56.0 84.0#
 268 98.1 52.0 78.0#



#23
 Phenanthrene
 Concen: 0.290 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

Tgt Ion: 178 Resp: 15776
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.0 22.4
 179 15.6 12.7 19.1





#24

Anthracene

Concen: 0.211 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.10 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

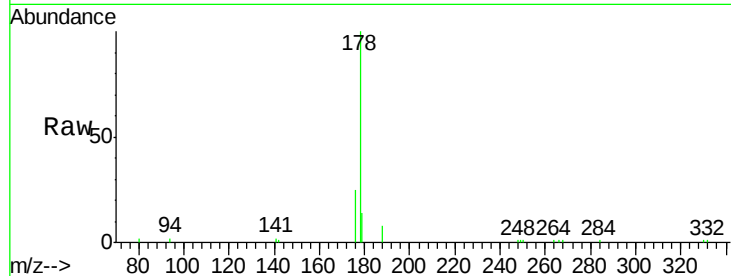
Tgt Ion:178 Resp: 15667

Ion Ratio Lower Upper

178 100

176 21.7 14.6 22.0

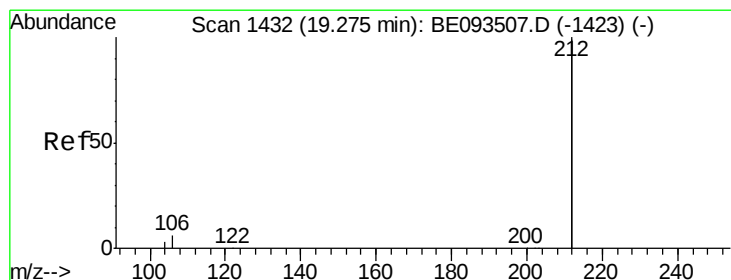
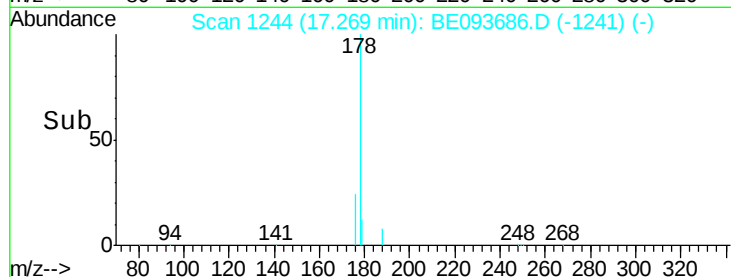
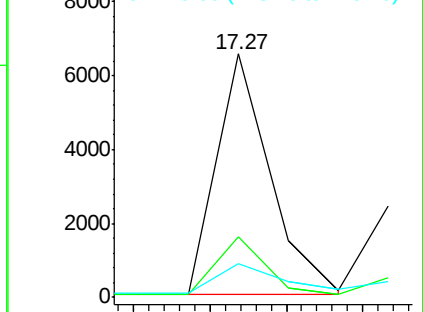
179 19.3 12.0 18.0#



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: 0.200 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

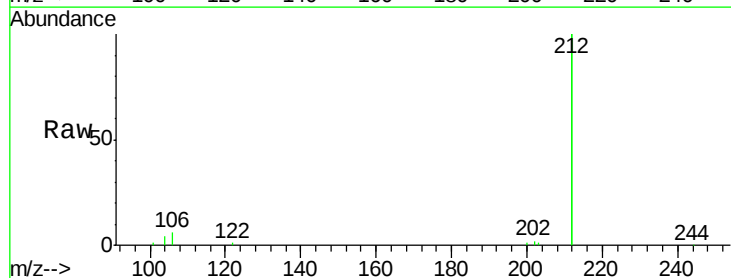
Tgt Ion:212 Resp: 56067

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6#

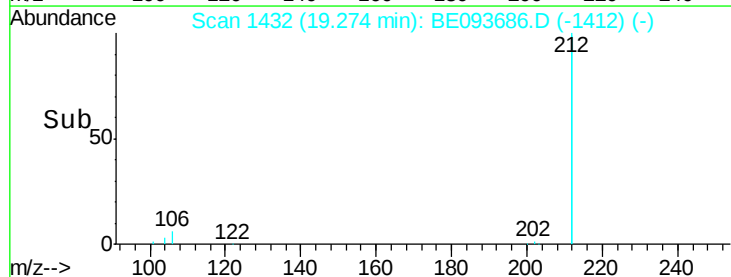
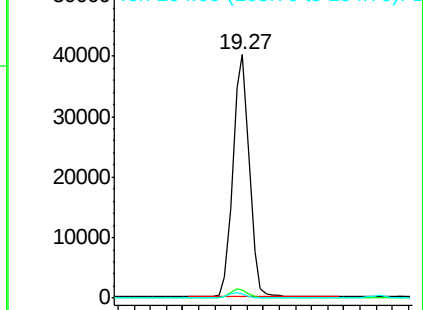
104 2.0 1.6 2.4

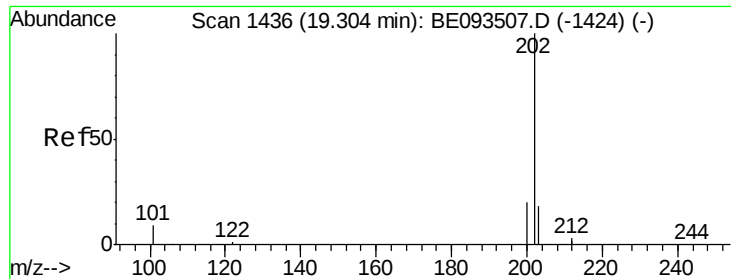


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

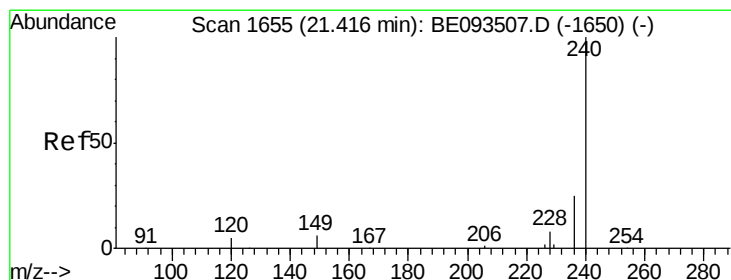
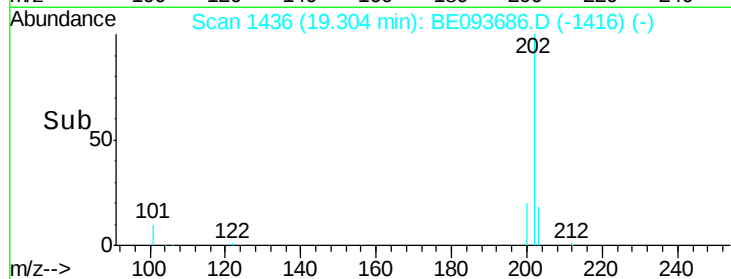
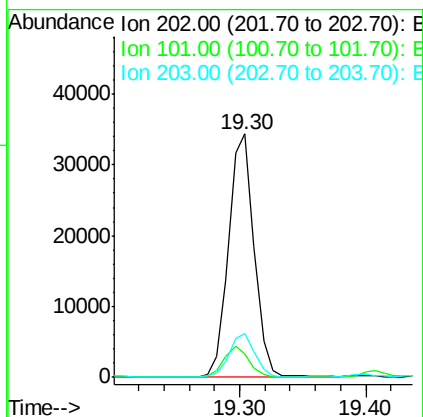
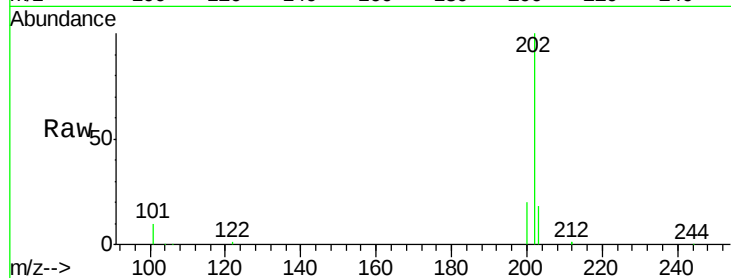




#26
 Fluoranthene
 Concen: 0.552 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

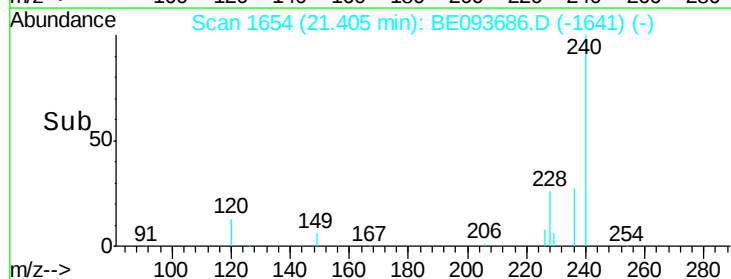
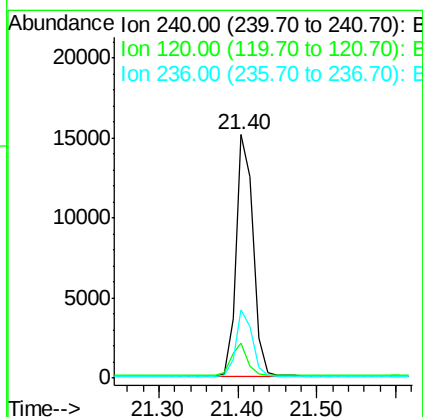
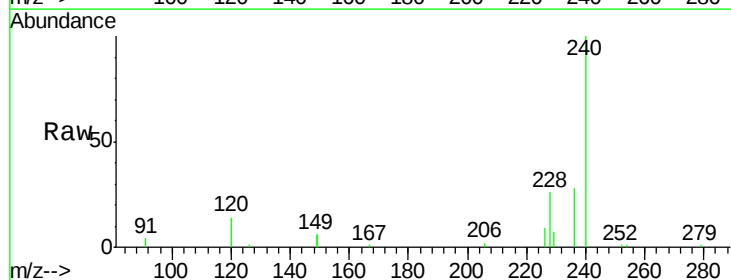
Instrument :
 BNA_E
 ClientSampleId :
 LASB-15B-1

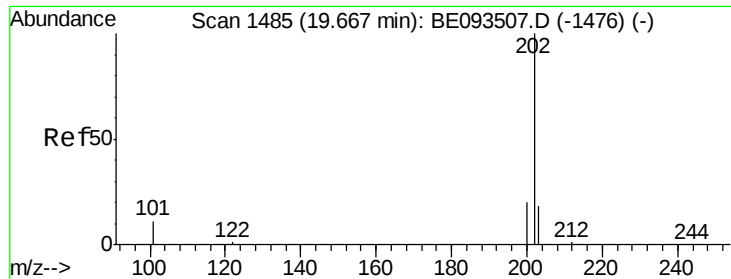
Tgt Ion: 202 Resp: 47796
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.6 14.4
 203 17.4 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

Tgt Ion: 240 Resp: 23094
 Ion Ratio Lower Upper
 240 100
 120 14.3 4.6 7.0#
 236 27.9 20.8 31.2

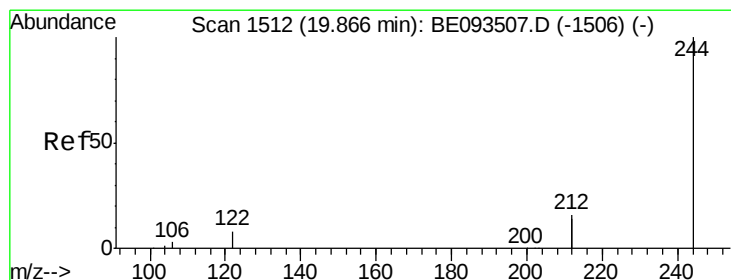
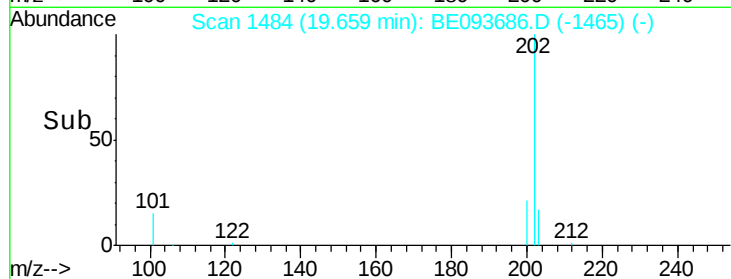
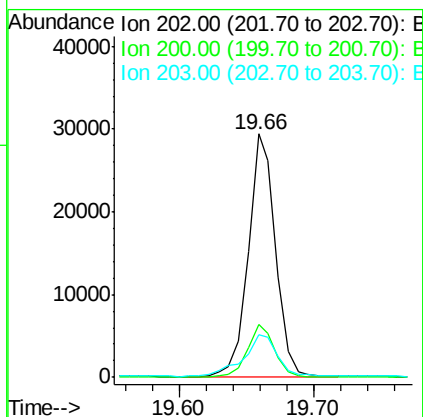
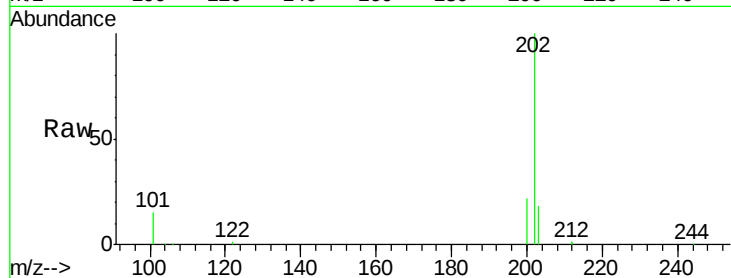




#28
 Pyrene
 Concen: 0.552 ng
 RT: 19.66 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

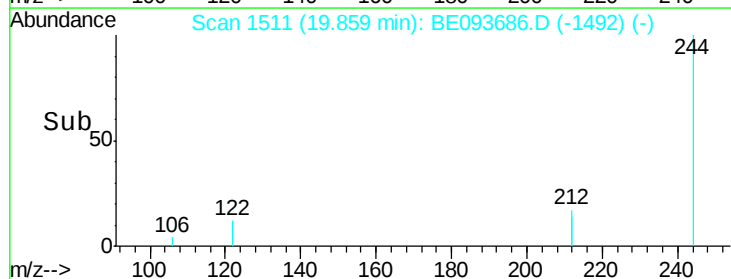
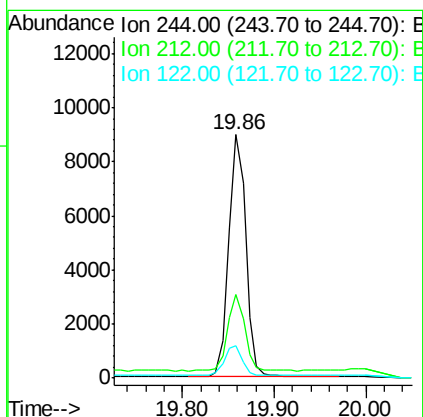
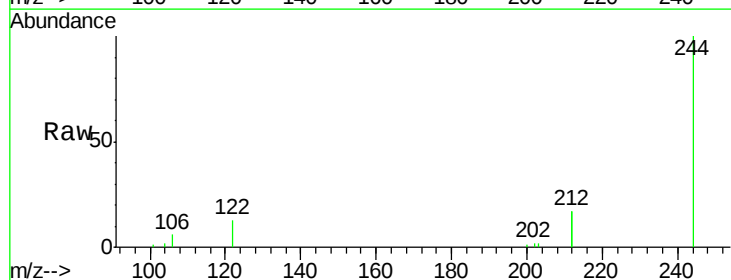
Instrument :
 BNA_E
 ClientSampleId :
 LASB-15B-1

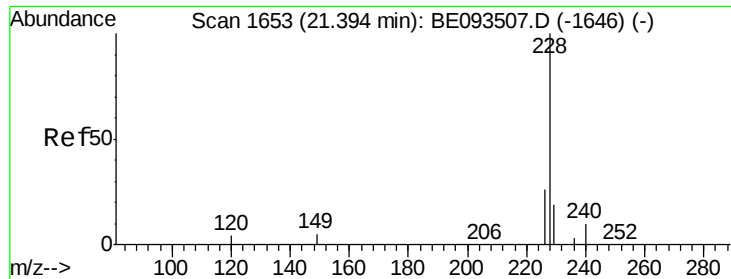
Tgt Ion: 202 Resp: 41206
 Ion Ratio Lower Upper
 202 100
 200 21.1 0.0 0.0#
 203 21.3 13.7 20.5#



#29
 Terphenyl-d14
 Concen: 0.278 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

Tgt Ion: 244 Resp: 11536
 Ion Ratio Lower Upper
 244 100
 212 34.4 10.6 16.0#
 122 13.1 15.4 23.0#





#30

Benzo(a)anthracene

Concen: 0.260 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

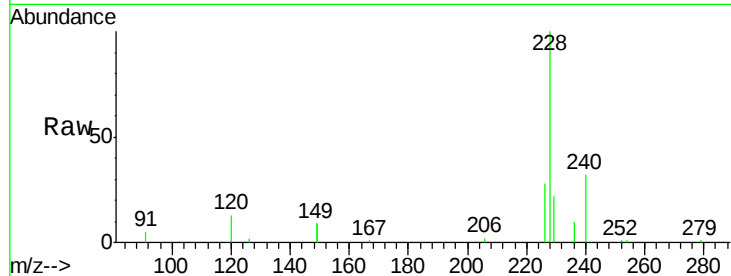
Tgt Ion:228 Resp: 17666

Ion Ratio Lower Upper

228 100

226 27.8 19.7 29.5

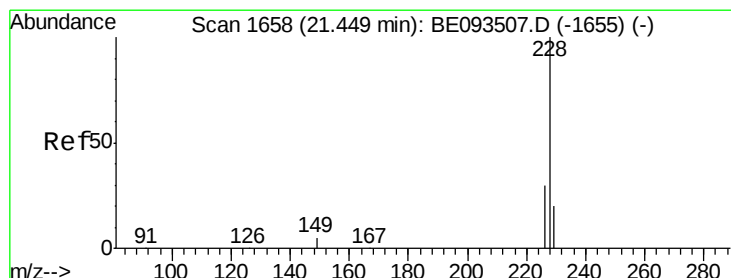
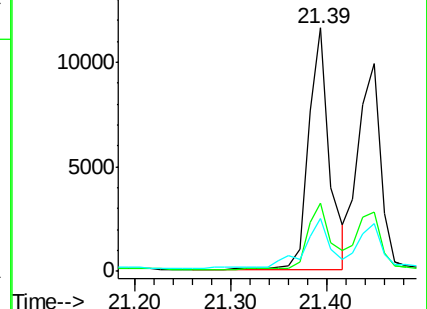
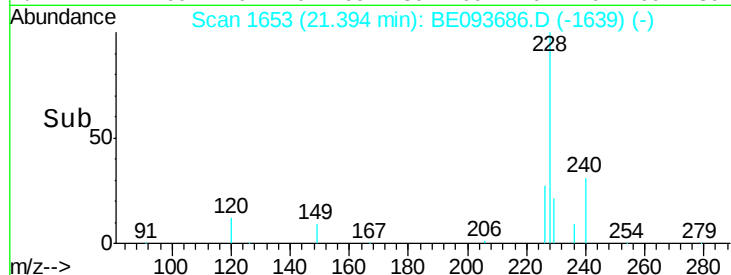
229 22.0 19.2 28.8



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: 0.213 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

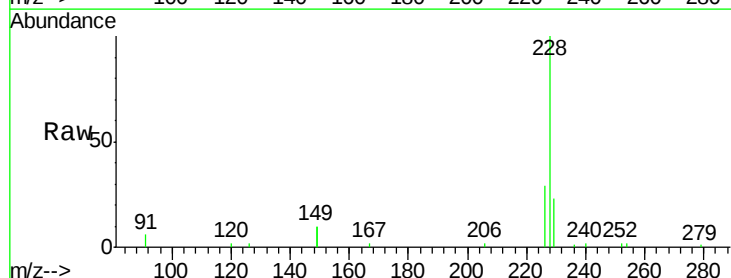
Tgt Ion:228 Resp: 16142

Ion Ratio Lower Upper

228 100

226 28.7 21.5 32.3

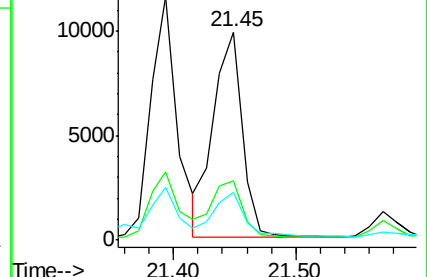
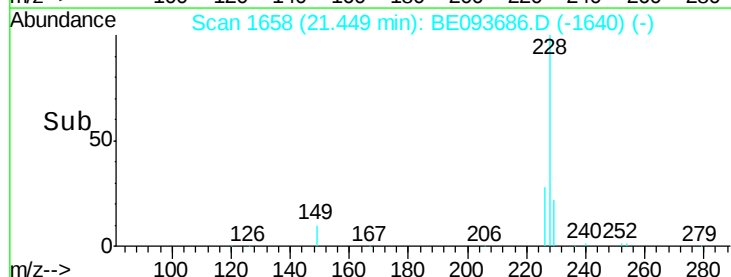
229 22.9 18.6 28.0

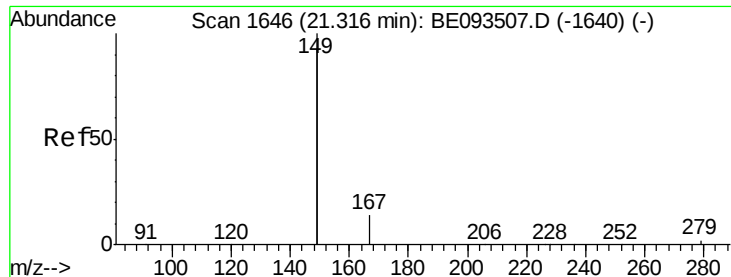


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

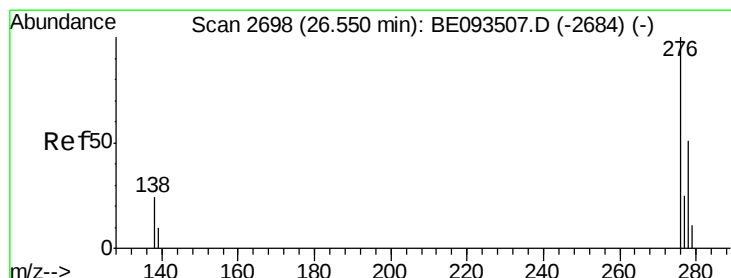
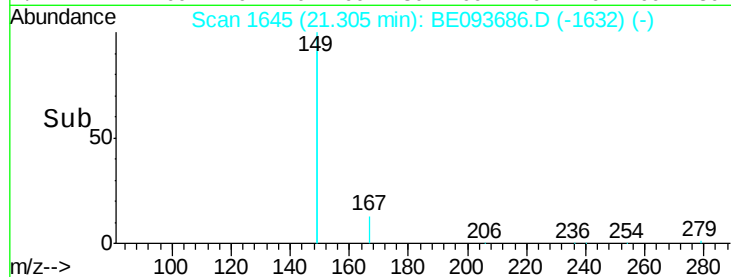
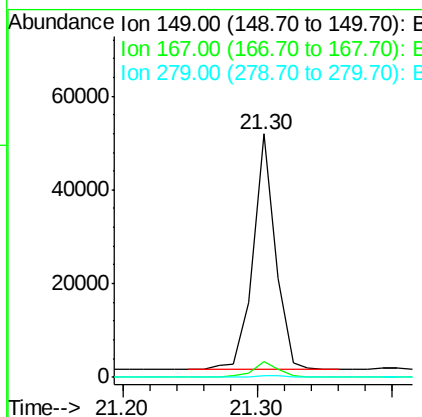
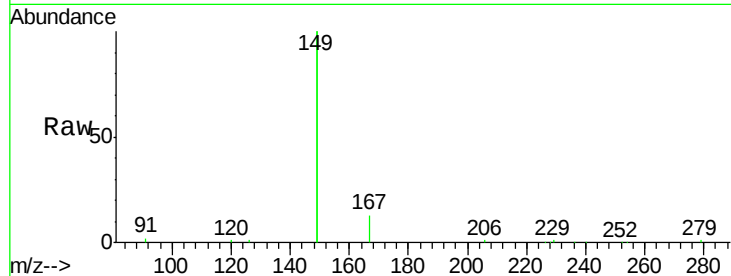




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.631 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

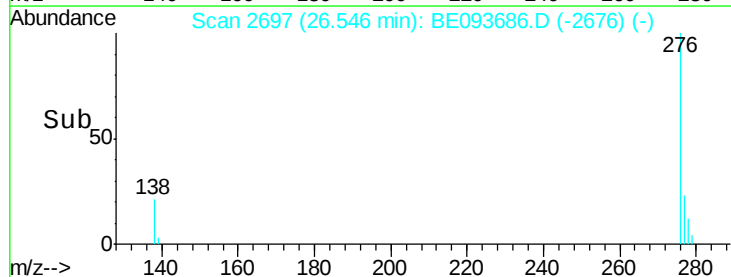
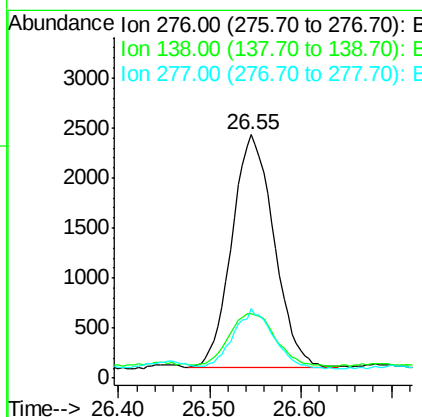
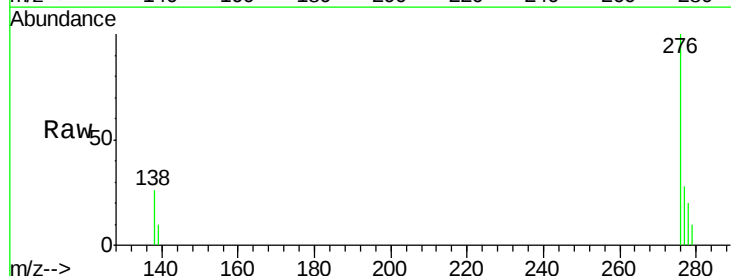
Instrument :
 BNA_E
 ClientSampleId :
 LASB-15B-1

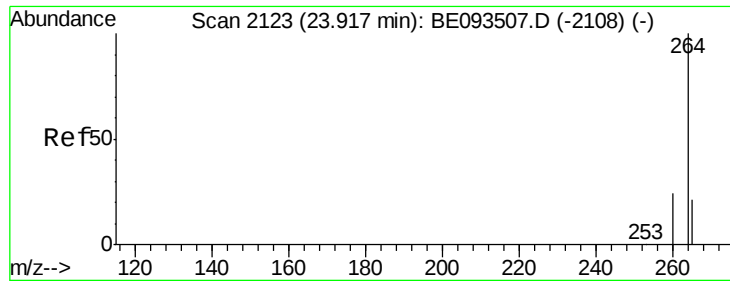
Tgt Ion:149 Resp: 58423
 Ion Ratio Lower Upper
 149 100
 167 6.7 4.8 7.2
 279 0.9 0.8 1.2



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.109 ng
 RT: 26.55 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

Tgt Ion:276 Resp: 7468
 Ion Ratio Lower Upper
 276 100
 138 24.4 27.4 41.2#
 277 24.5 20.1 30.1

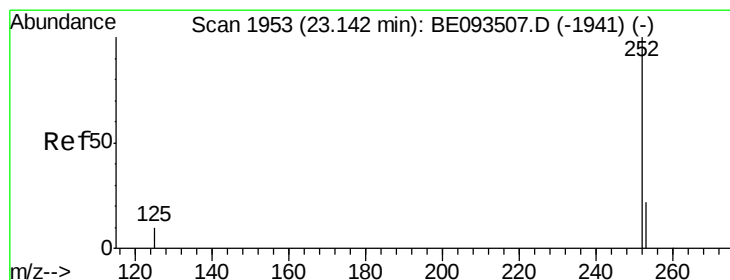
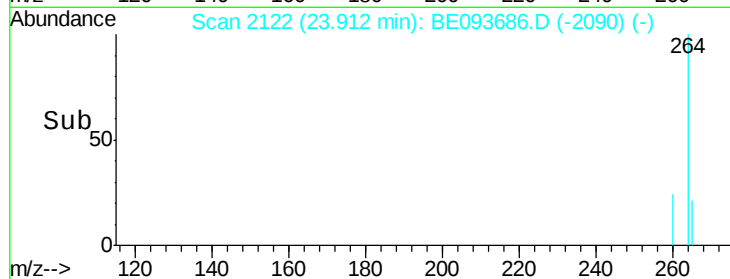
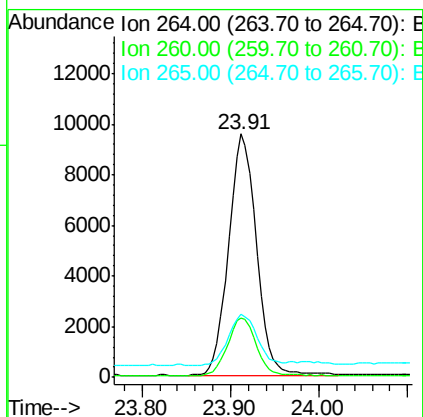
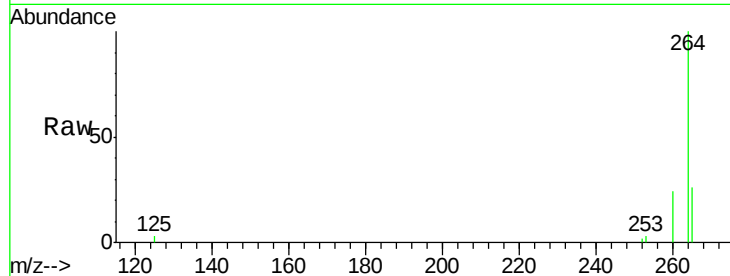




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

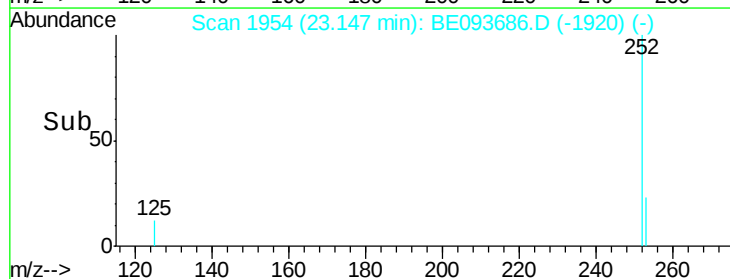
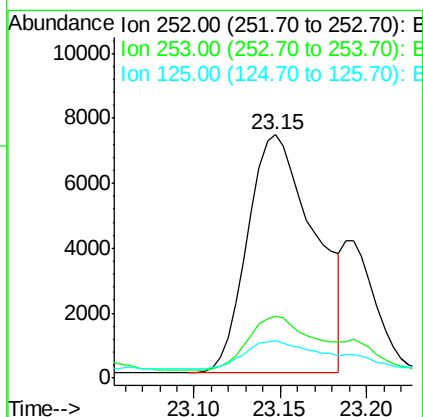
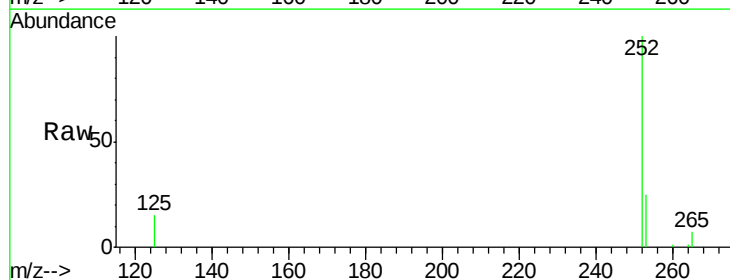
Instrument :
 BNA_E
 ClientSampleId :
 LASB-15B-1

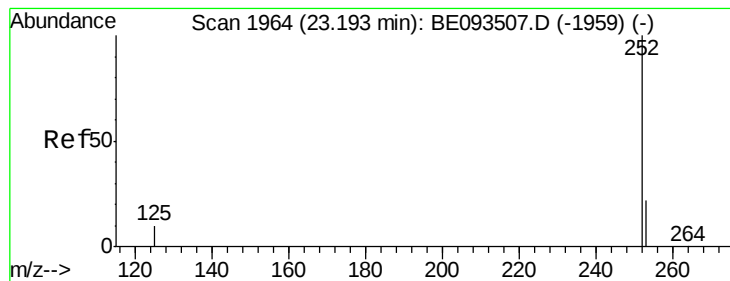
Tgt Ion: 264 Resp: 20778
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.0 31.4
 265 25.8 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.267 ng
 RT: 23.15 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BE093686.D
 Acq: 5 Aug 2017 22:00

Tgt Ion: 252 Resp: 19809
 Ion Ratio Lower Upper
 252 100
 253 25.4 18.5 27.7
 125 15.3 13.4 20.0





#36

Benzo(k)fluoranthene

Concen: 0.261 ng

RT: 23.15 min Scan# 1954

Delta R.T. -0.05 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

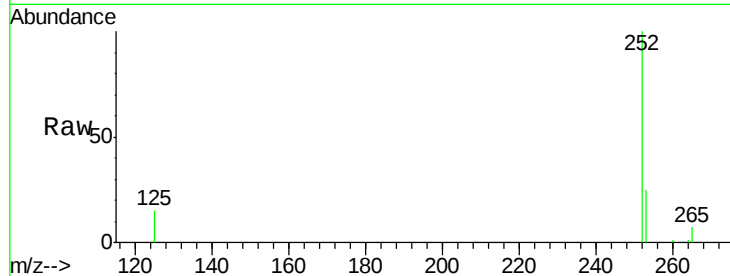
Tgt Ion:252 Resp: 19790

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

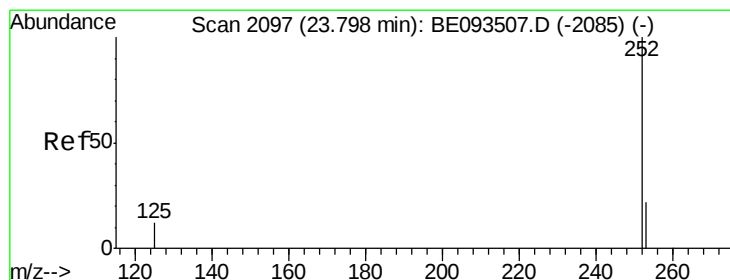
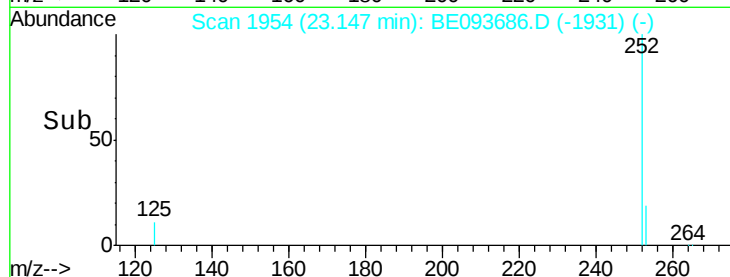
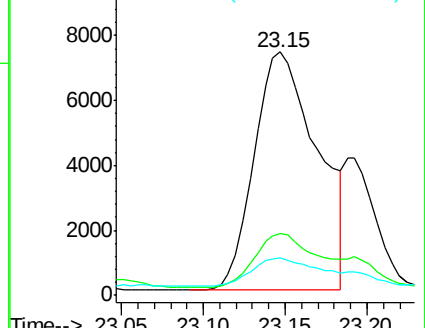
125 15.3 12.2 18.4



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: 0.184 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

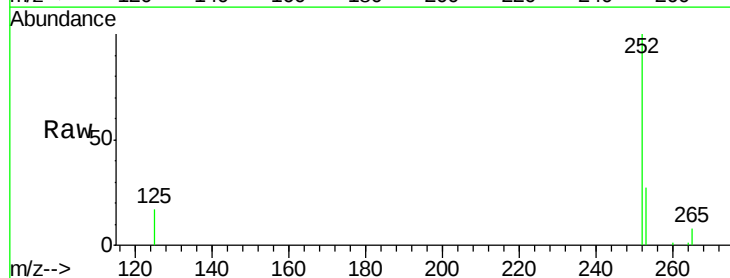
Tgt Ion:252 Resp: 12341

Ion Ratio Lower Upper

252 100

253 27.0 19.9 29.9

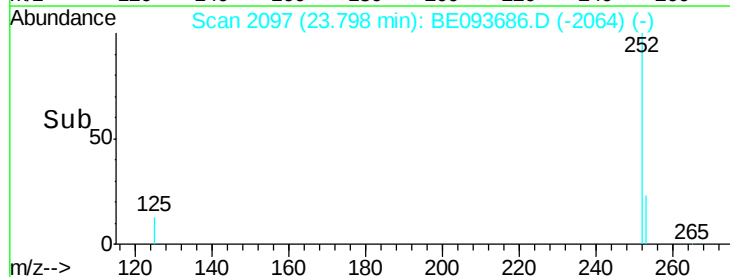
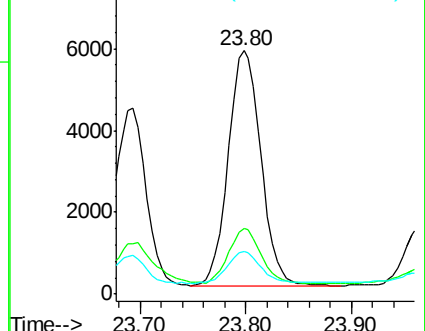
125 17.5 14.6 21.8

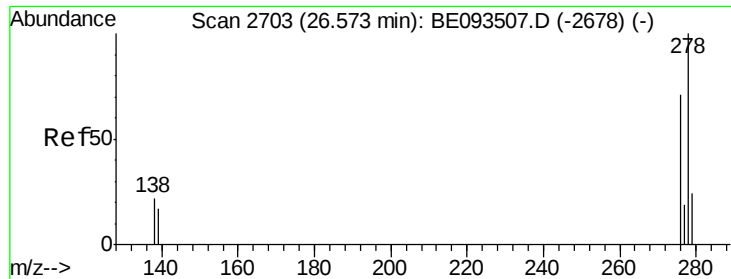


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

Instrument :

BNA_E

ClientSampleId :

LASB-15B-1

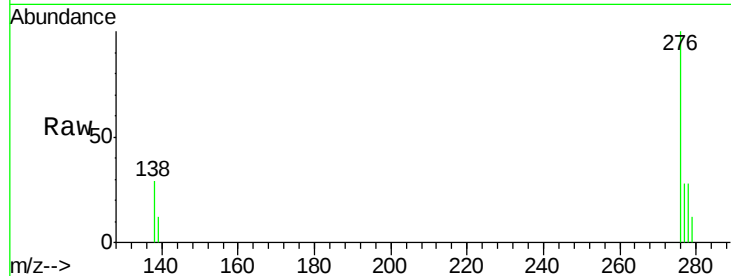
Tgt Ion:278 Resp: 1789

Ion Ratio Lower Upper

278 100

139 41.8 21.4 32.0#

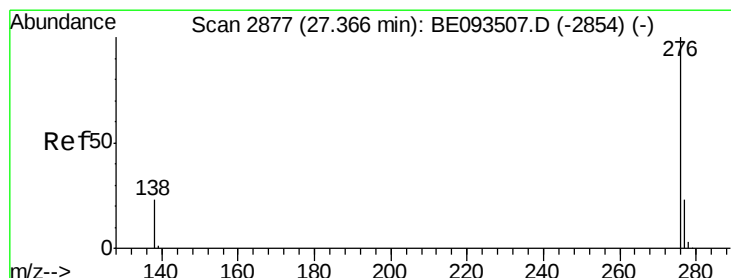
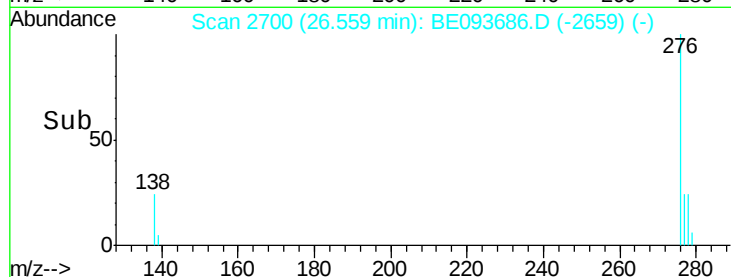
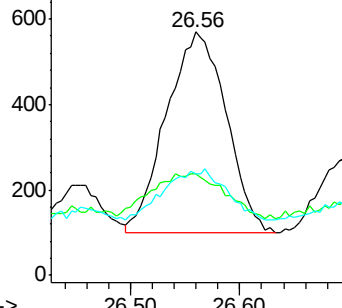
279 41.8 22.2 33.2#



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: 0.115 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093686.D

Acq: 5 Aug 2017 22:00

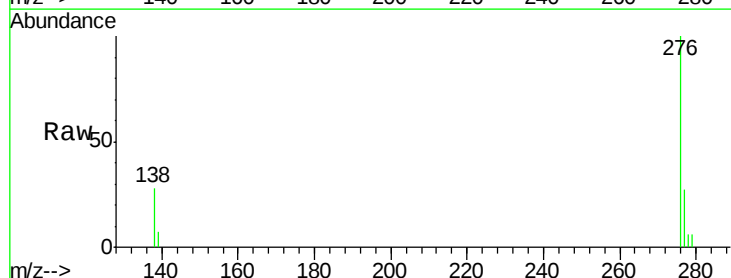
Tgt Ion:276 Resp: 7574

Ion Ratio Lower Upper

276 100

277 27.3 21.2 31.8

138 28.3 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

