

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032917\
 Data File : BE092863.D
 Acq On : 29 Mar 2017 12:18
 Operator : SJ/MA
 Sample : PB97794BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97794BS

Quant Time: Mar 30 01:41:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 17:47:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	9028	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	38400	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	17387	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	33466	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	38844	5.00	ng	-0.02
31) Perylene-d12	23.70	264	31968	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	20388	9.70	ng	0.00
5) Phenol-d6	6.94	99	29095	9.43	ng	0.00
8) Nitrobenzene-d5	8.93	82	10605	4.81	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	3222	11.86	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	25182	4.39	ng	-0.01
26) Terphenyl-d14	19.74	244	23459	3.49	ng	-0.02

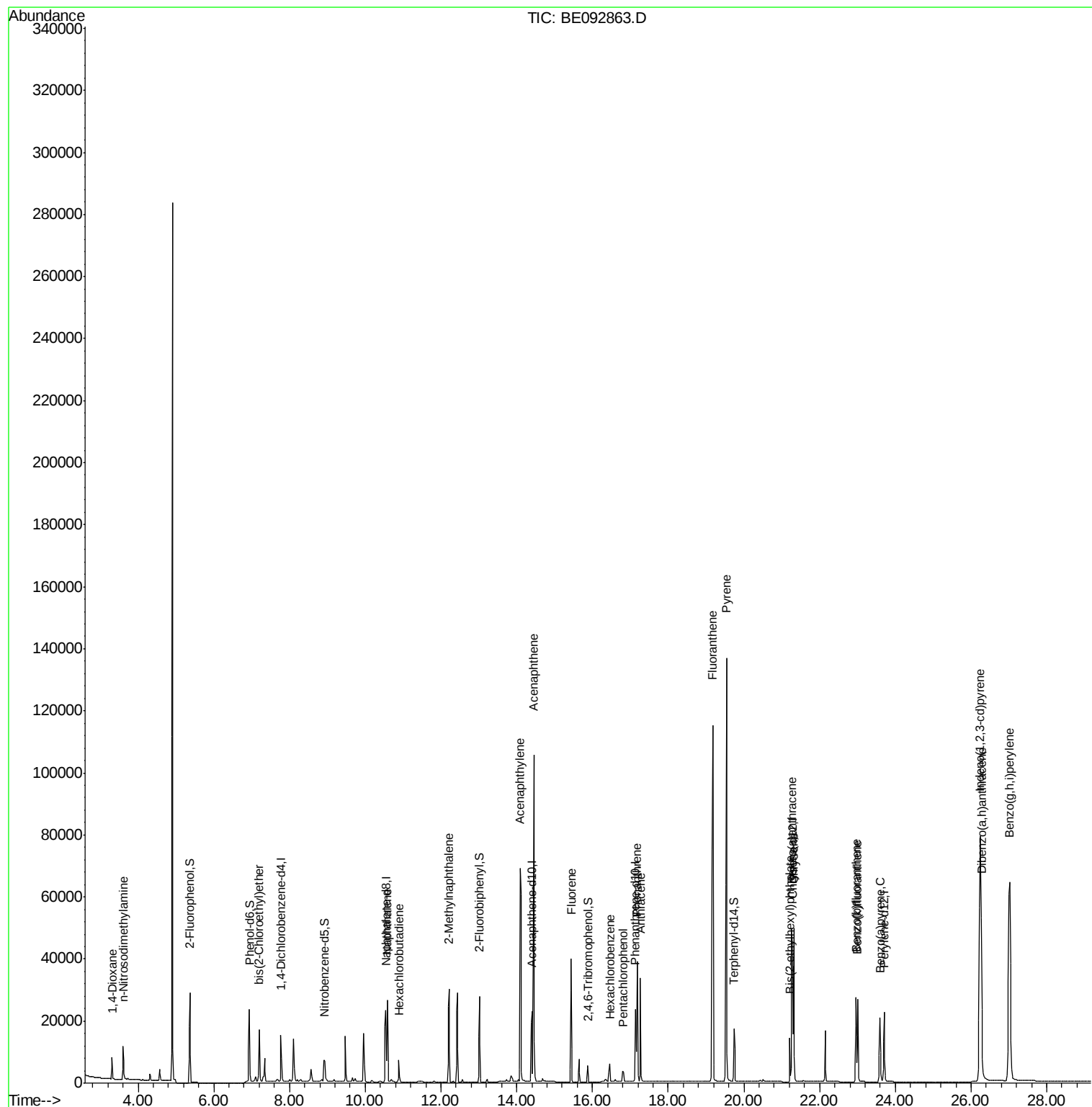
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	4082	3.38	ng	100
3) n-Nitrosodimethylamine	3.61	42	5918	4.75	ng	82
6) bis(2-Chloroethyl)ether	7.20	93	12814	4.37	ng	# 48
9) Naphthalene	10.58	128	34953	4.16	ng	# 95
10) Hexachlorobutadiene	10.89	225	4804	4.26	ng	100
11) 2-Methylnaphthalene	12.21	142	22140	4.15	ng	# 89
15) Acenaphthylene	14.09	152	119707	4.49	ng	100
16) Acenaphthene	14.45	154	21315	4.48	ng	98
17) Fluorene	15.44	166	24090	4.25	ng	98
19) Hexachlorobenzene	16.46	284	6307	5.08	ng	# 65
20) Pentachlorophenol	16.81	266	3814	9.27	ng	# 84
21) Phenanthrene	17.18	178	43002	5.28	ng	# 94
22) Anthracene	17.27	178	38596	5.22	ng	99
23) Fluoranthene	19.18	202	160642	4.29	ng	98
25) Pyrene	19.54	202	171399	4.44	ng	99
27) Benzo(a)anthracene	21.26	228	43440	4.72	ng	96
28) Chrysene	21.31	228	40360	4.16	ng	# 79
29) Bis(2-ethylhexyl)phthalate	21.21	149	13535	4.12	ng	# 77
30) Indeno(1,2,3-cd)pyrene	26.24	276	174539	4.78	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	36904	4.34	ng	98
33) Benzo(k)fluoranthene	23.01	252	35967	4.72	ng	94
34) Benzo(a)pyrene	23.60	252	33424	4.75	ng	97
35) Dibenzo(a,h)anthracene	26.27	278	37837	5.06	ng	97
36) Benzo(g,h,i)perylene	27.02	276	151975	4.90	ng	99

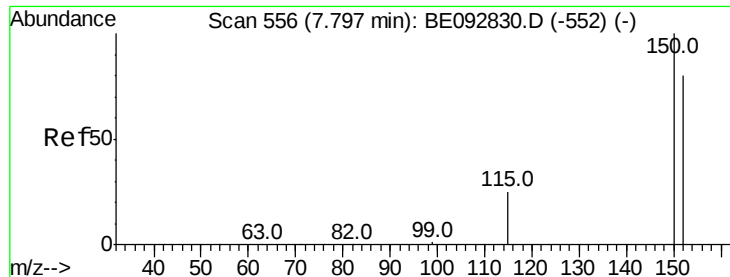
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampled :

PB97794BS

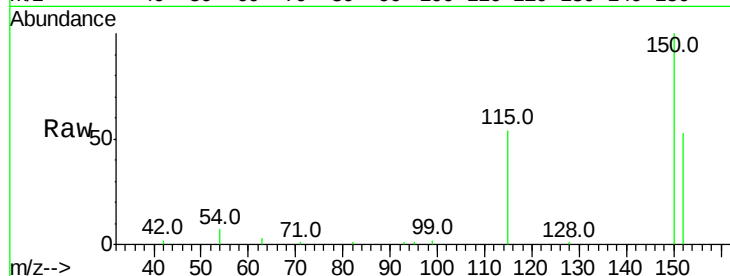
Tot Ion:152 Resp: 9028

Ion Ratio Lower Upper

152 100

150 188.8 106.0 159.0#

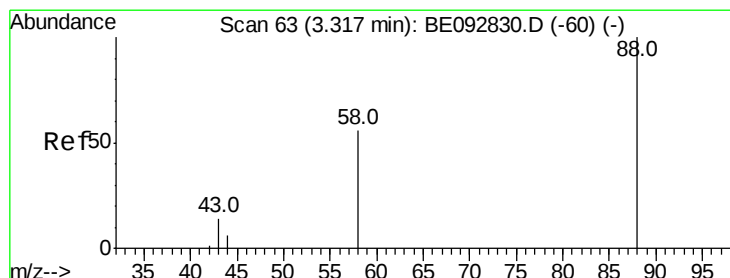
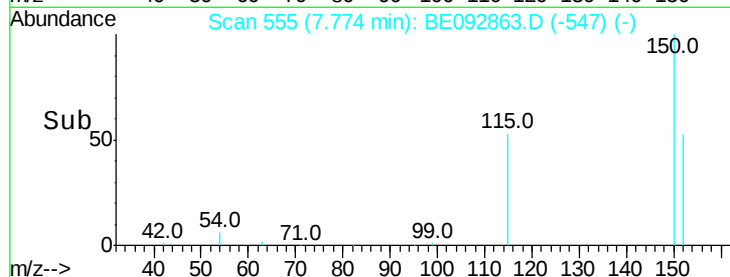
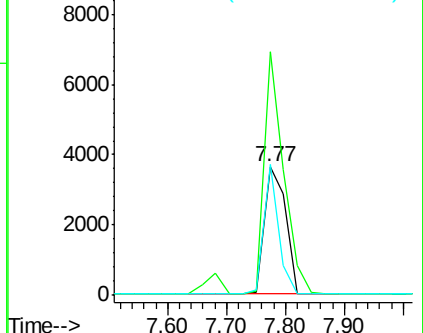
115 101.6 31.2 46.8#



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: 3.38 ng

RT: 3.32 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

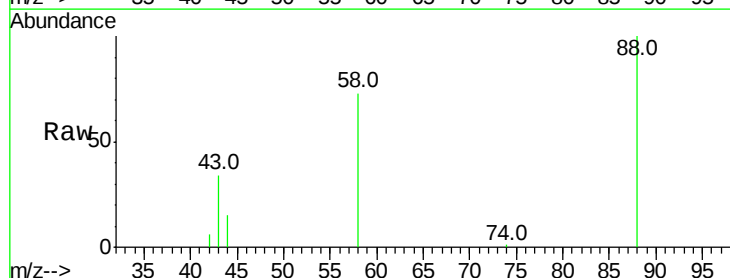
Tgt Ion: 88 Resp: 4082

Ion Ratio Lower Upper

88 100

58 79.5 63.6 95.4

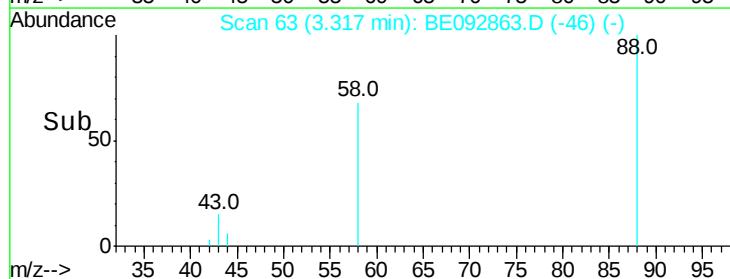
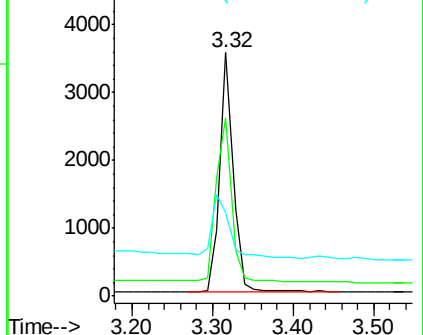
43 34.4 28.0 42.0



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: 4.75 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

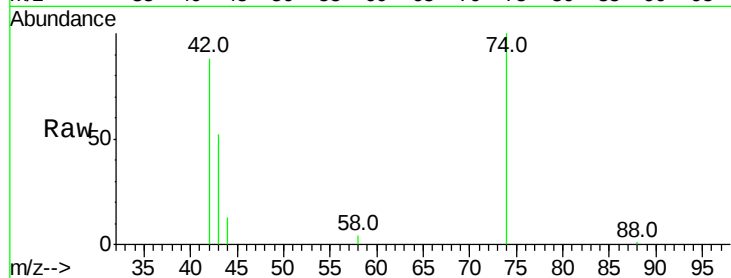
Tot Ion: 42 Resp: 5918

Ion Ratio Lower Upper

42 100

74 127.1 86.0 129.0

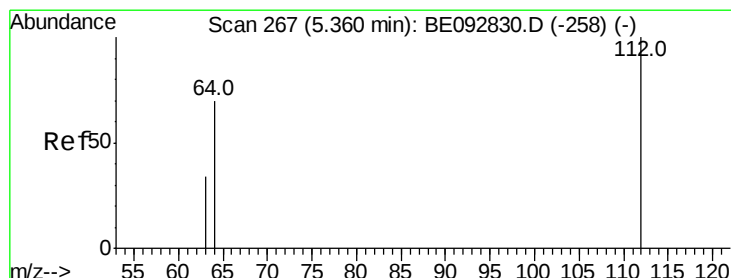
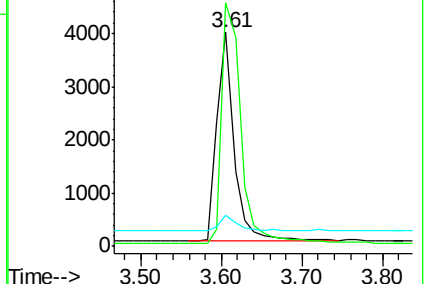
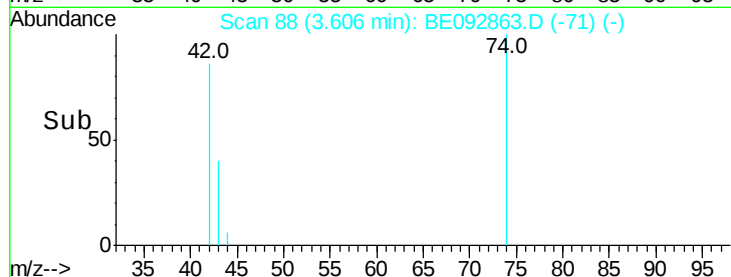
44 7.1 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE092830.D (-84) (-)

Ion 74.00 (73.70 to 74.70): BE092830.D (-84) (-)

Ion 44.00 (43.70 to 44.70): BE092830.D (-84) (-)



#4

2-Fluorophenol

Concen: 9.70 ng

RT: 5.37 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

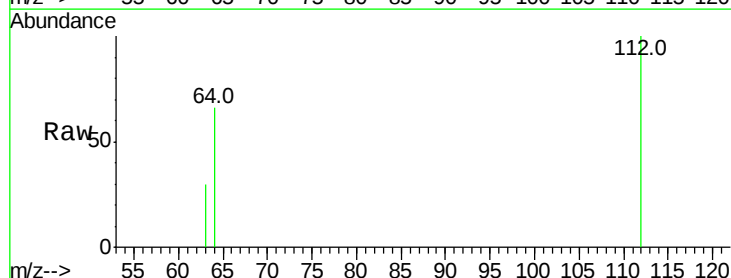
Tgt Ion: 112 Resp: 20388

Ion Ratio Lower Upper

112 100

64 69.2 53.5 80.3

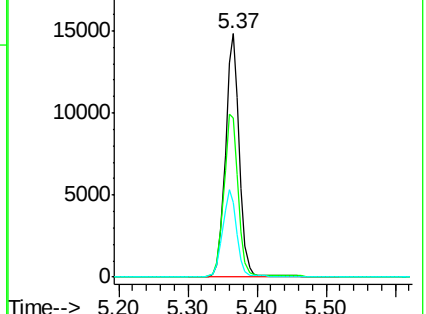
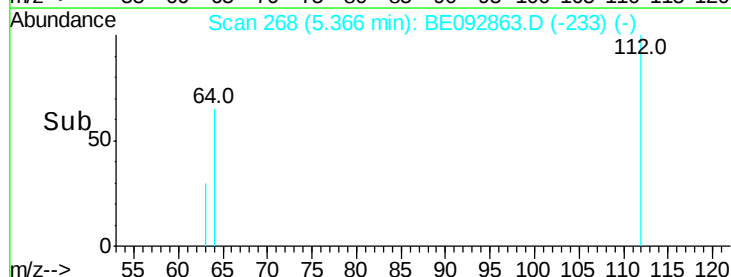
63 35.5 27.9 41.9

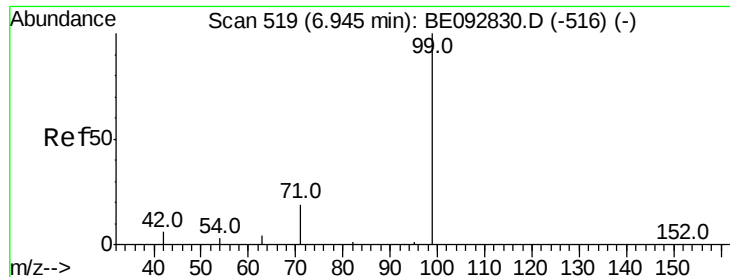


Abundance Ion 112.00 (111.70 to 112.70): BE092830.D (-258) (-)

Ion 64.00 (63.70 to 64.70): BE092830.D (-258) (-)

Ion 63.00 (62.70 to 63.70): BE092830.D (-258) (-)





#5

Phenol-d6

Concen: 9.43 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

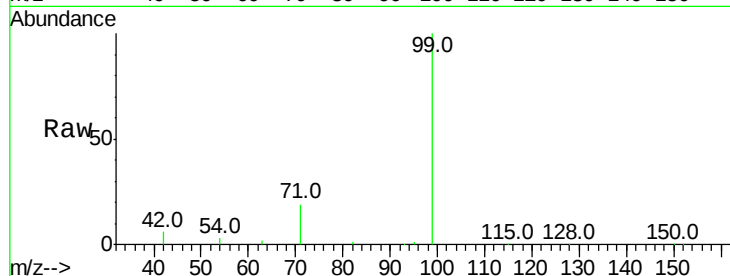
Tot Ion: 99 Resp: 29095

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

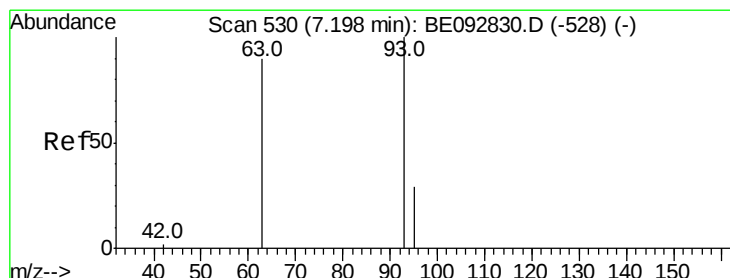
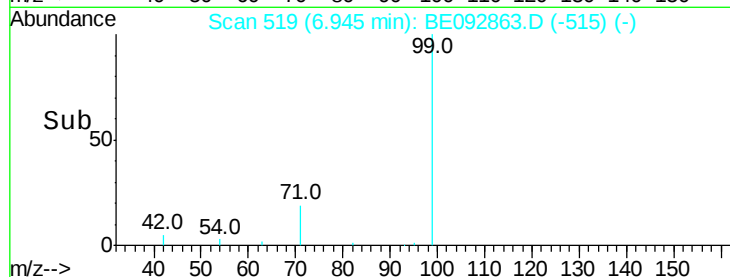
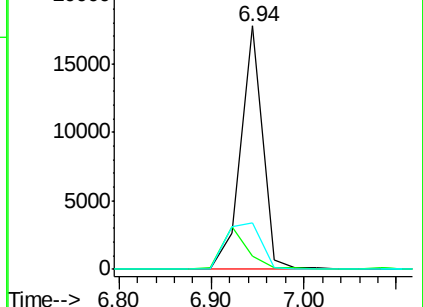
71 30.8 30.6 45.8



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: 4.37 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

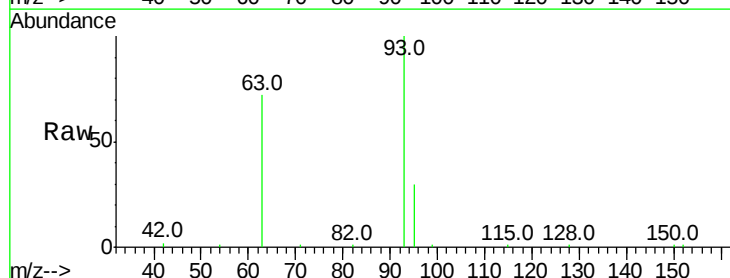
Tgt Ion: 93 Resp: 12814

Ion Ratio Lower Upper

93 100

63 78.8 16.0 24.0#

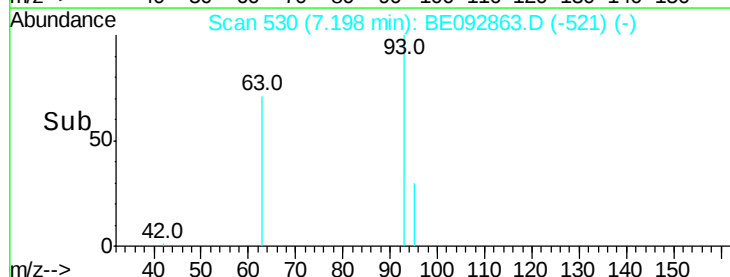
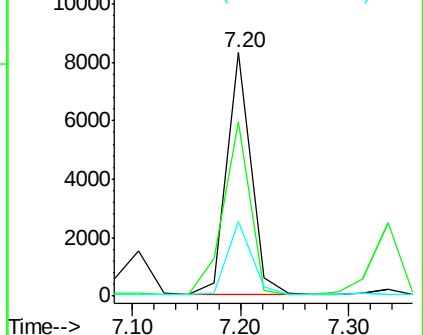
95 30.7 24.0 36.0

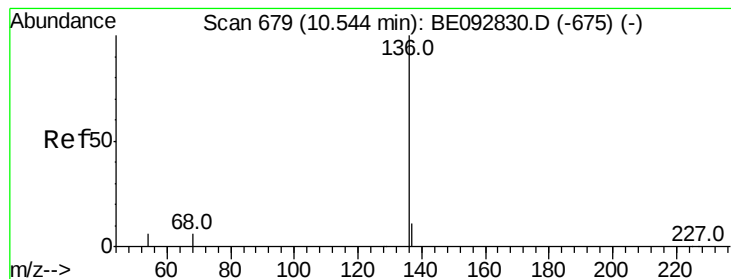


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

Tot Ion:136 Resp: 38400

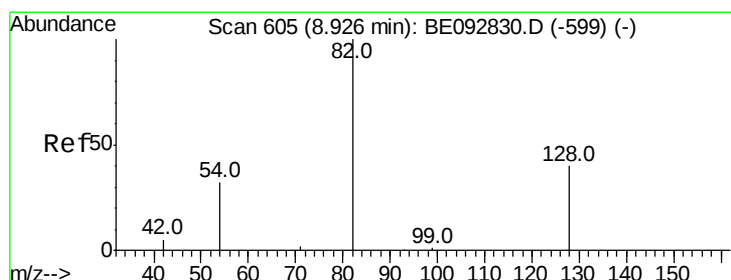
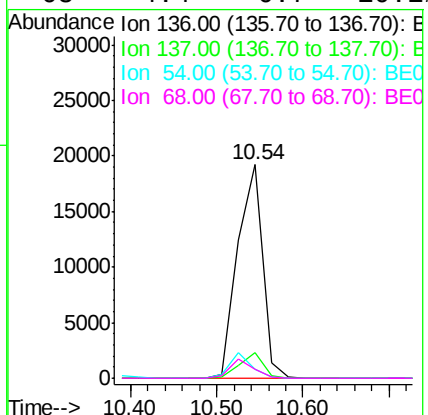
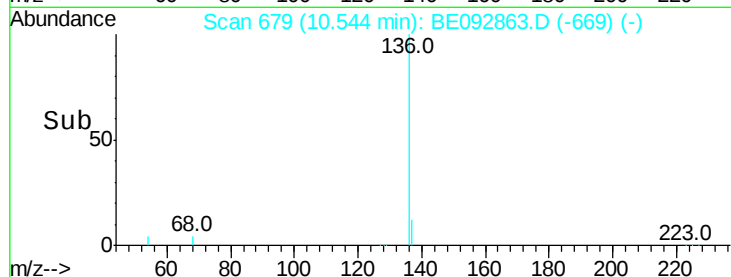
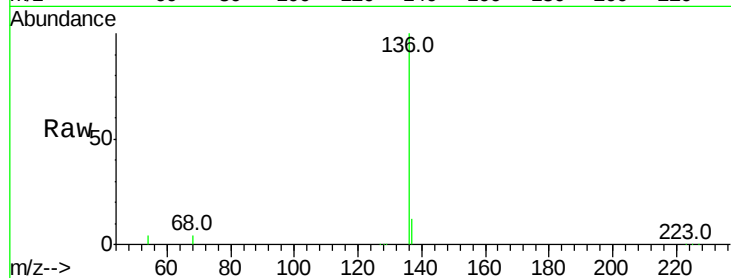
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 4.3 9.6 14.4#

68 4.4 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 4.81 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

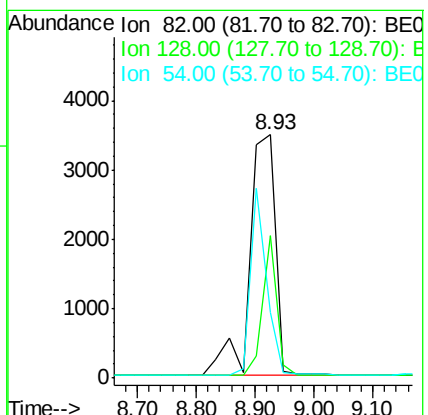
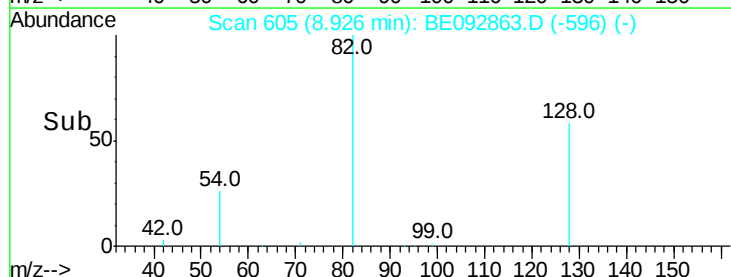
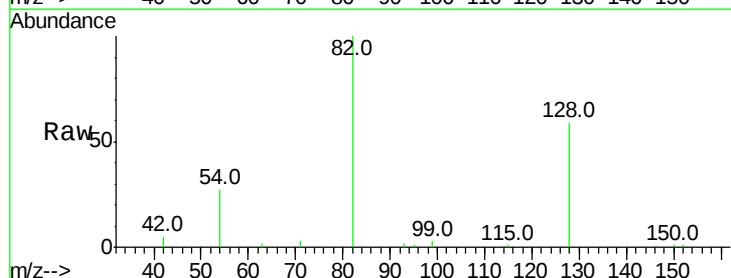
Tgt Ion: 82 Resp: 10605

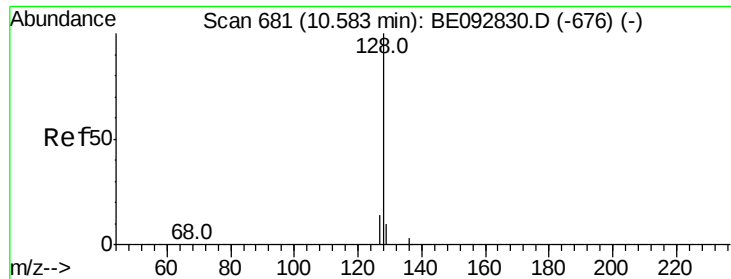
Ion Ratio Lower Upper

82 100

128 58.6 39.0 58.4#

54 26.8 44.8 67.2#





#9

Naphthalene

Concen: 4.16 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

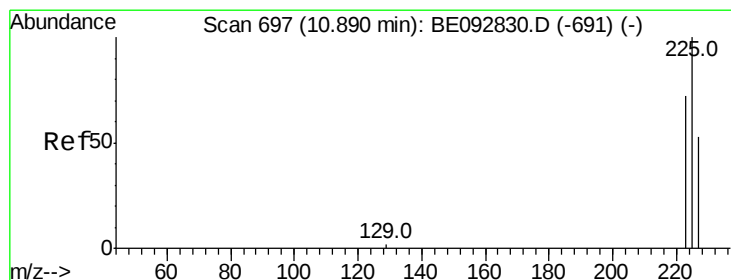
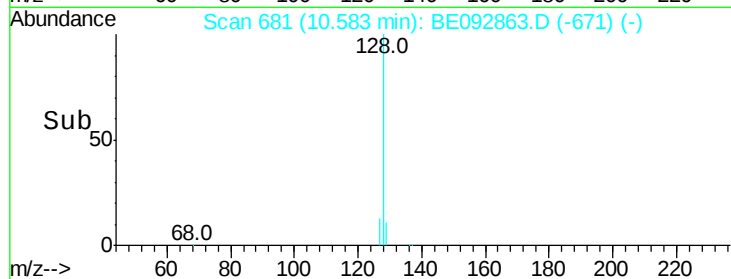
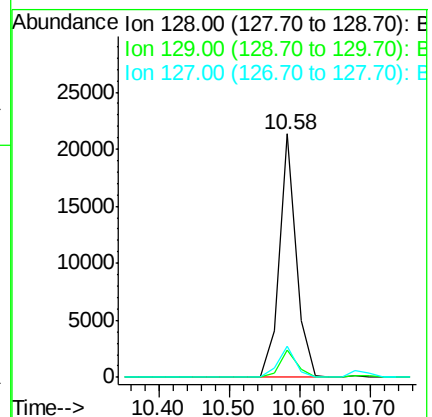
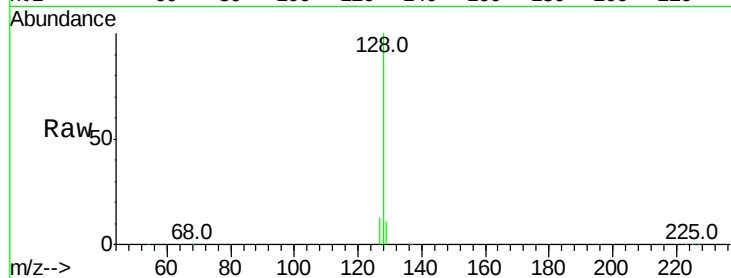
Tot Ion:128 Resp: 34953

Ion Ratio Lower Upper

128 100

129 11.2 11.2 16.8#

127 13.0 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.26 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

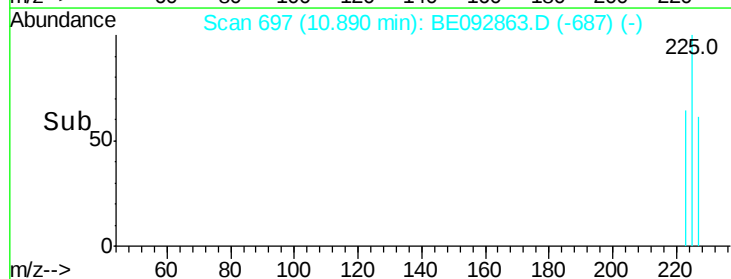
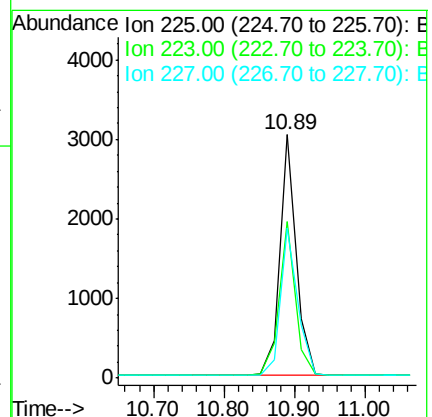
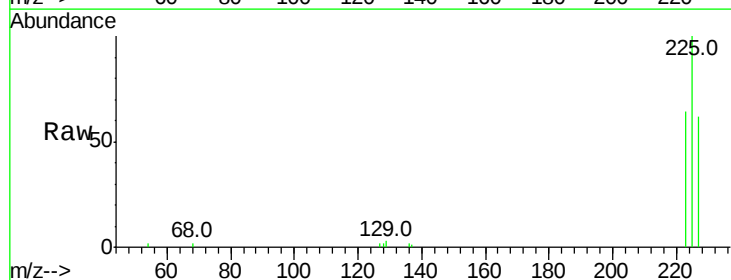
Tgt Ion:225 Resp: 4804

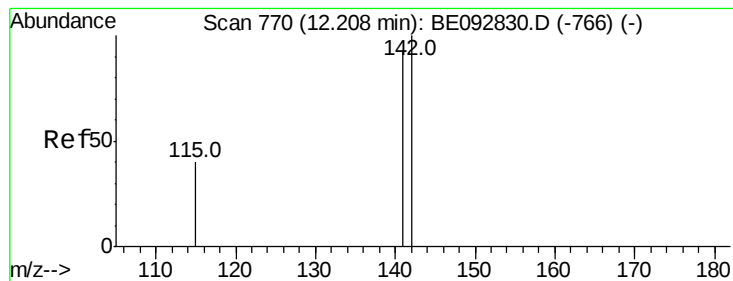
Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 64.2 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.15 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

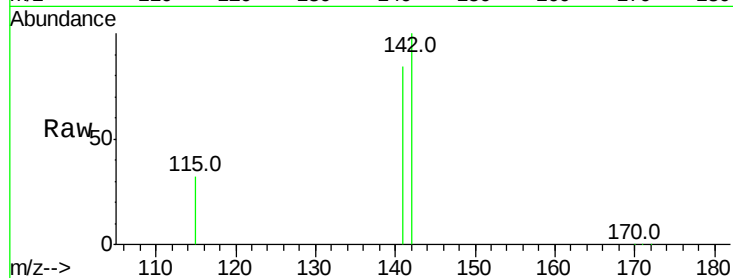
Tot Ion:142 Resp: 22140

Ion Ratio Lower Upper

142 100

141 83.7 73.7 110.5

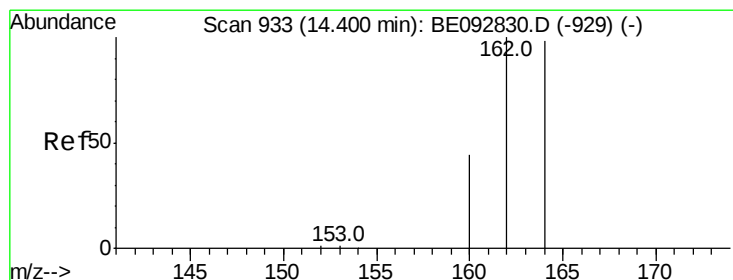
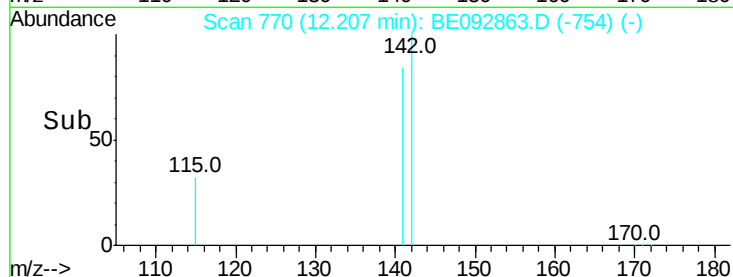
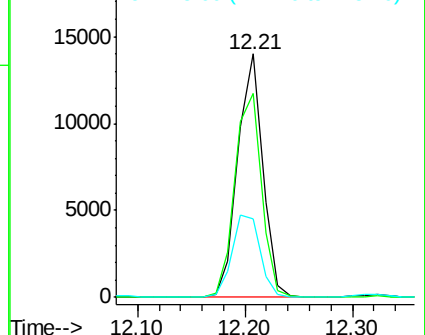
115 32.4 34.0 51.0#



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

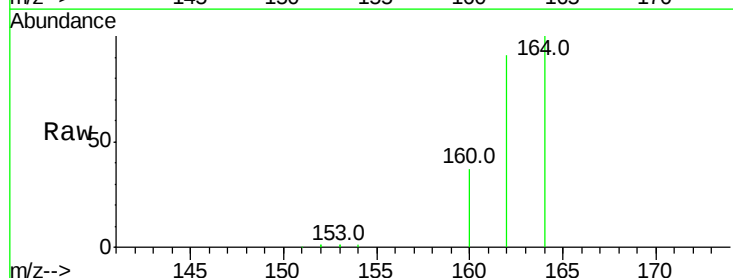
Tgt Ion:164 Resp: 17387

Ion Ratio Lower Upper

164 100

162 91.4 71.4 107.0

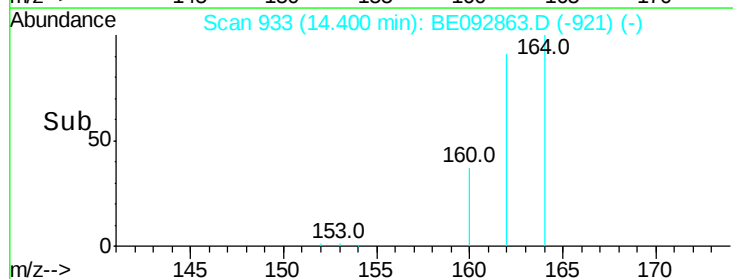
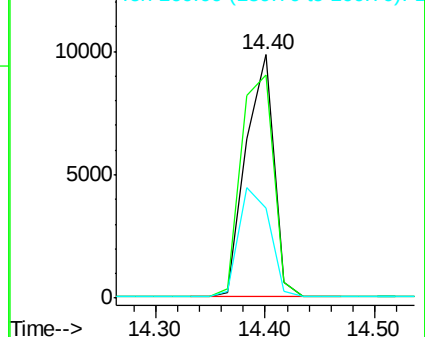
160 36.8 27.4 41.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

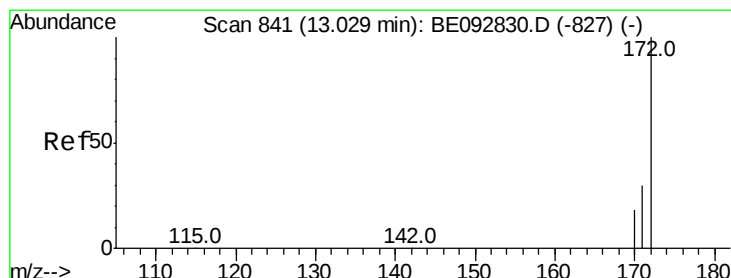
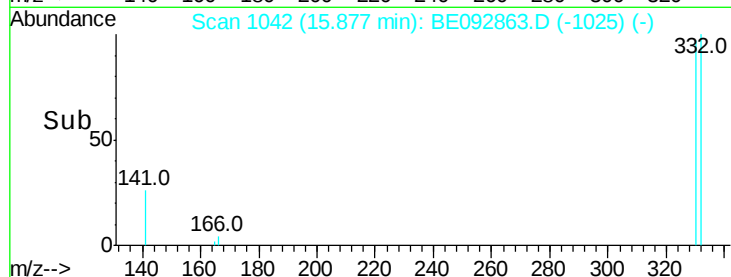
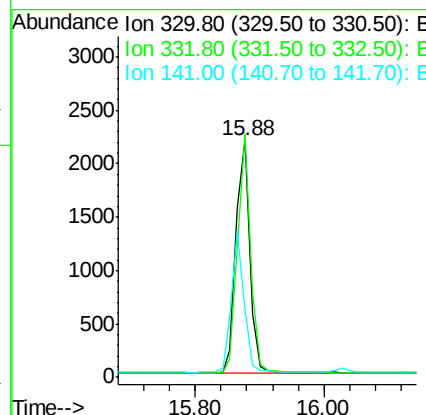
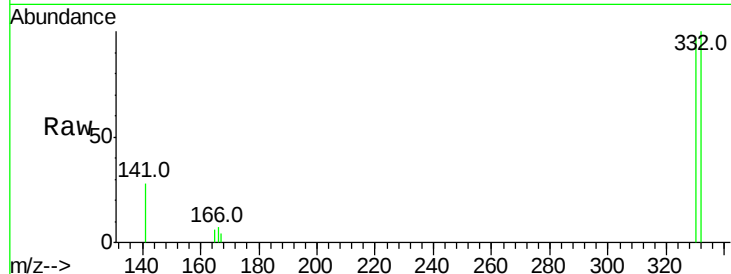




#13
 2,4,6-Tribromophenol
 Concen: 11.86 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092863.D
 Acq: 29 Mar 2017 12:18

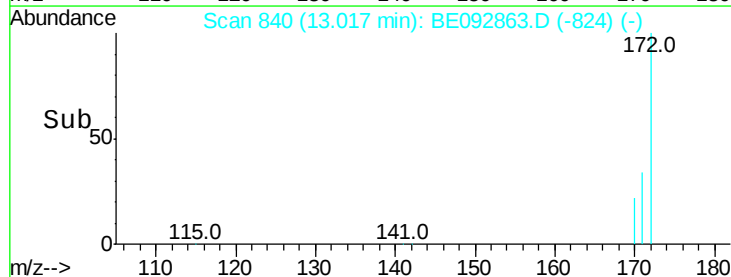
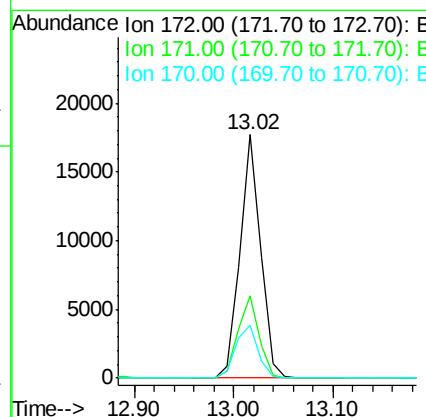
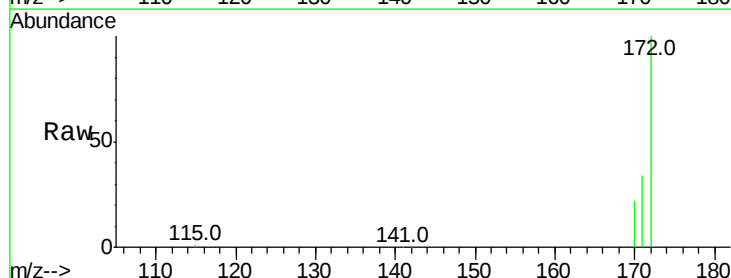
Instrument :
 BNA_E
 ClientSampleId :
 PB97794BS

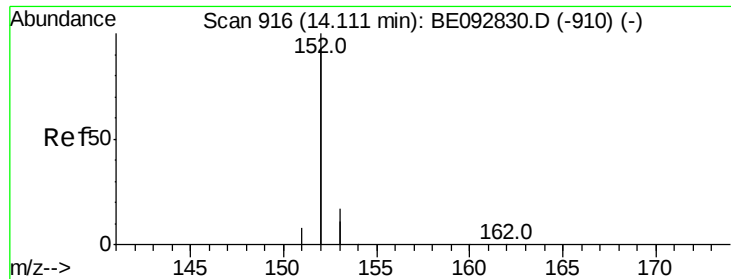
Tot Ion:330 Resp: 3222
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 56.5 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 4.39 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092863.D
 Acq: 29 Mar 2017 12:18

Tgt Ion:172 Resp: 25182
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.1 45.1
 170 21.9 21.8 32.6





#15

Acenaphthylene

Concen: 4.49 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

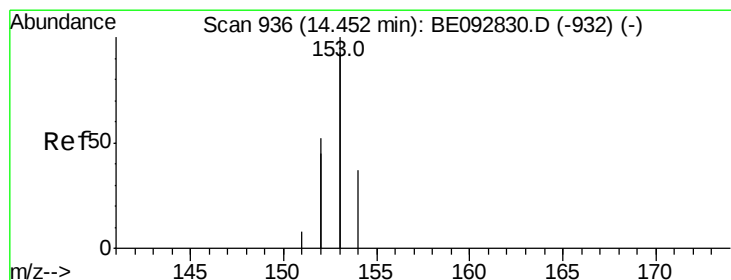
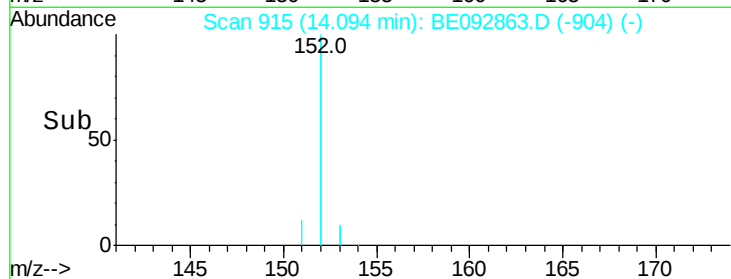
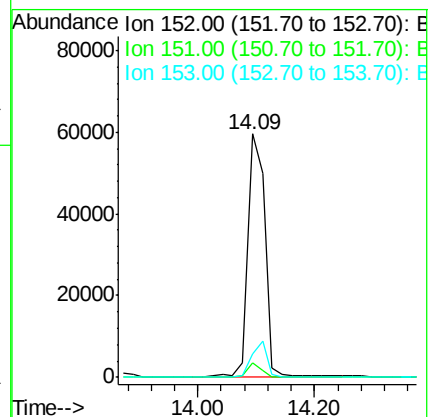
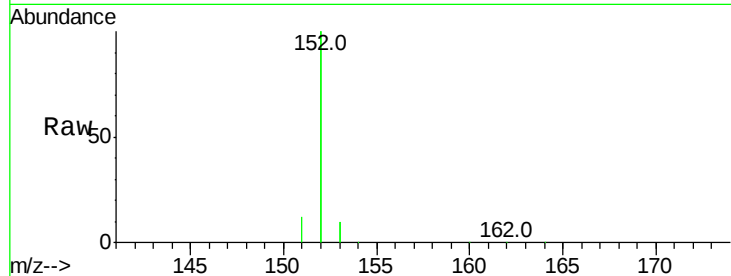
Tot Ion:152 Resp: 119707

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 4.48 ng

RT: 14.45 min Scan# 936

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

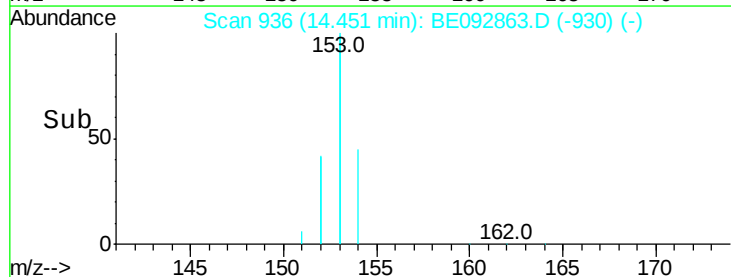
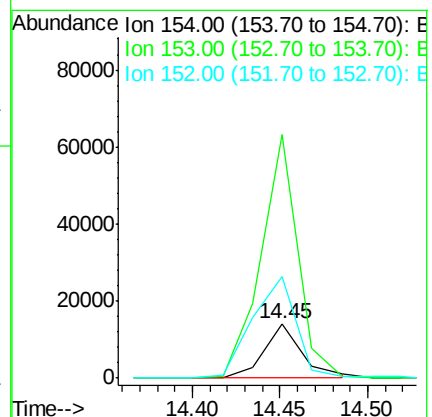
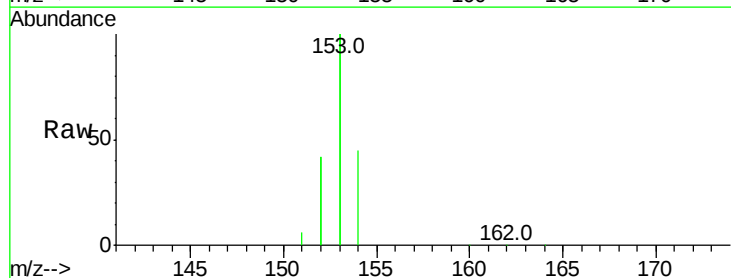
Tgt Ion:154 Resp: 21315

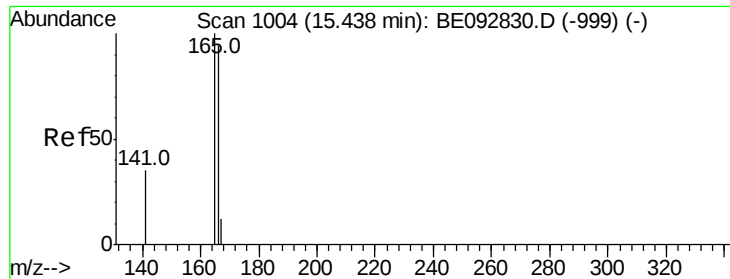
Ion Ratio Lower Upper

154 100

153 432.9 350.8 526.2

152 211.0 171.1 256.7





#17

Fluorene

Concen: 4.25 ng

RT: 15.44 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

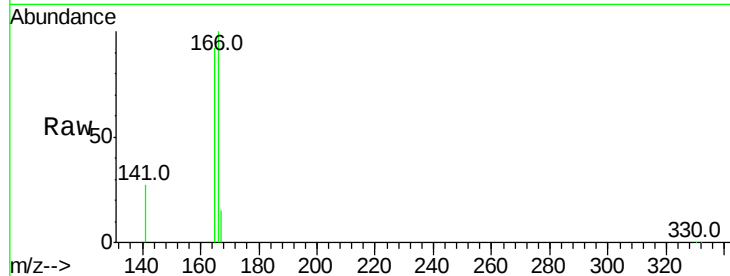
Tot Ion:166 Resp: 24090

Ion Ratio Lower Upper

166 100

165 99.4 78.2 117.4

167 14.1 11.0 16.4



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

15.44

20000

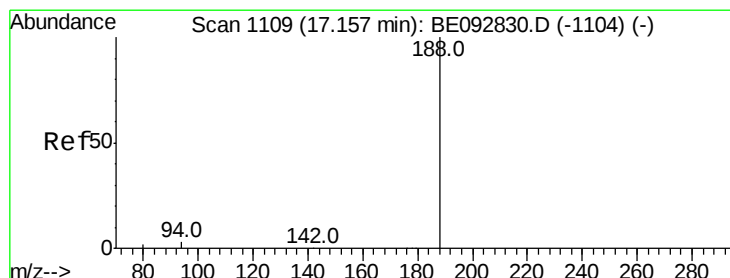
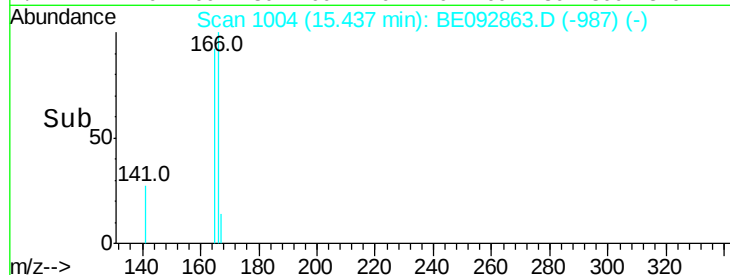
15000

10000

5000

0

Time--> 15.30 15.40 15.50 15.60



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

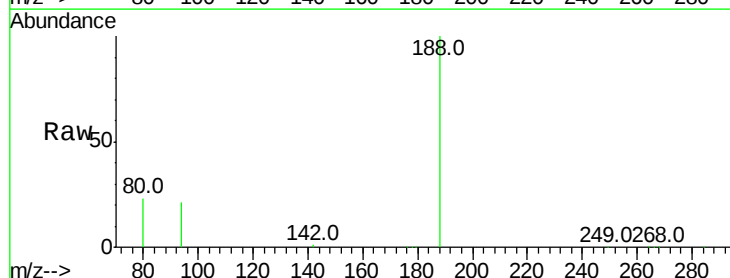
Tgt Ion:188 Resp: 33466

Ion Ratio Lower Upper

188 100

94 20.8 3.2 4.8#

80 23.1 2.6 3.8#



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

17.13

20000

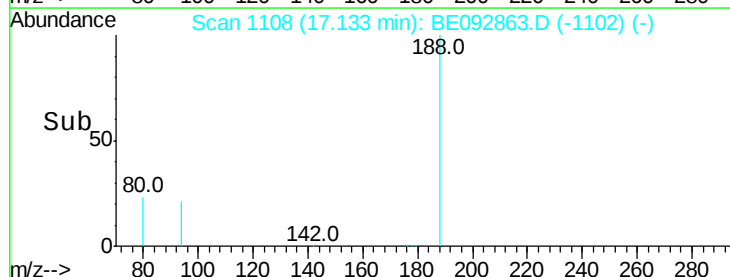
15000

10000

5000

0

Time--> 17.00 17.10 17.20

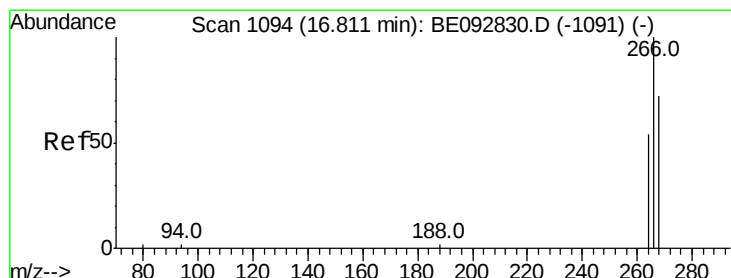
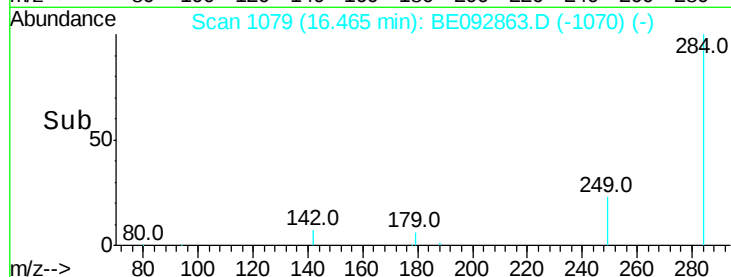
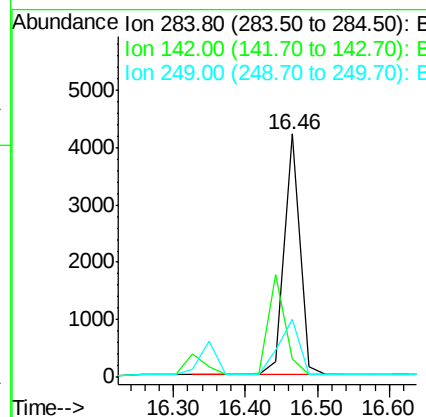
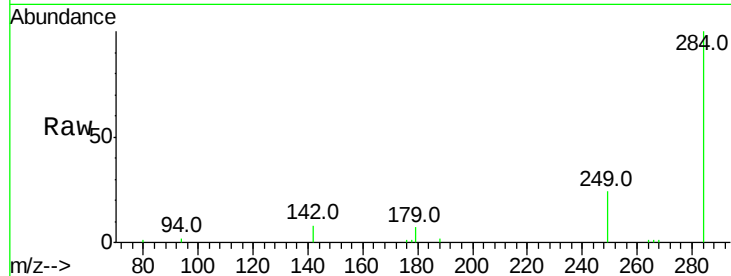




#19
Hexachlorobenzene
Concen: 5.08 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092863.D
Acq: 29 Mar 2017 12:18

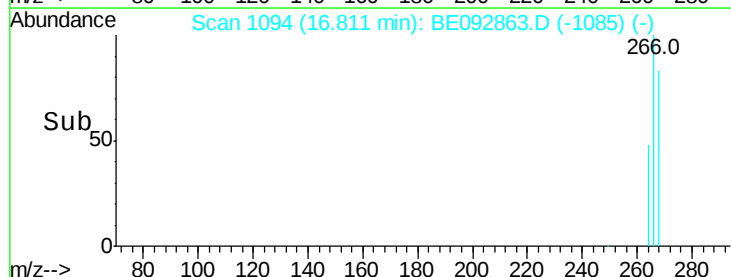
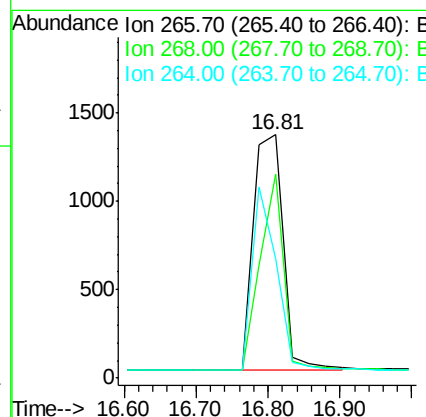
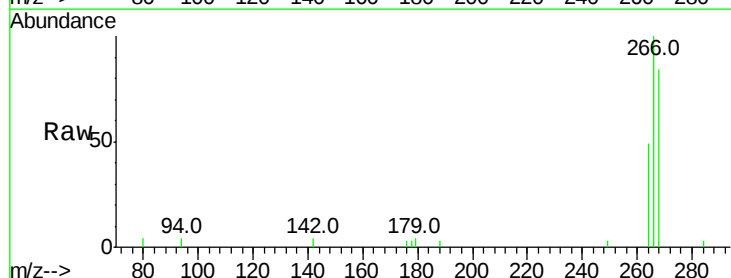
Instrument :
BNA_E
ClientSampled :
PB97794BS

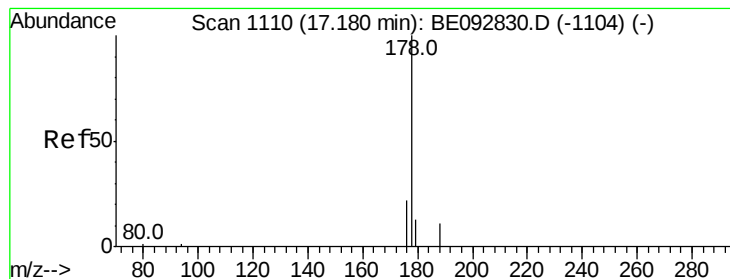
Tot Ion:284 Resp: 6307
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 30.9 27.9 41.9



#20
Pentachlorophenol
Concen: 9.27 ng
RT: 16.81 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE092863.D
Acq: 29 Mar 2017 12:18

Tgt Ion:266 Resp: 3814
Ion Ratio Lower Upper
266 100
268 83.9 62.5 93.7
264 49.2 57.2 85.8#





#21

Phenanthrene

Concen: 5.28 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

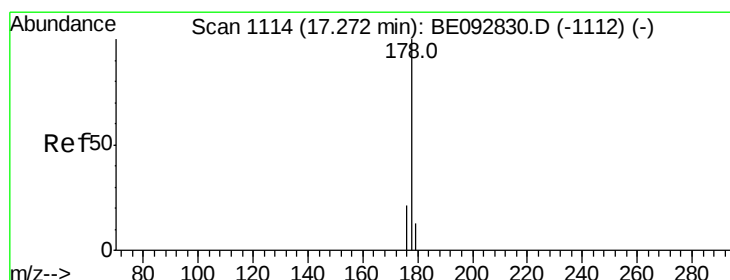
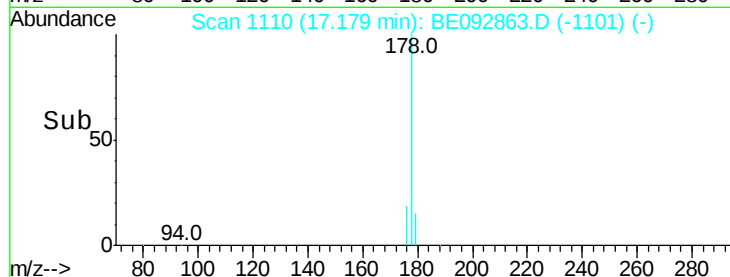
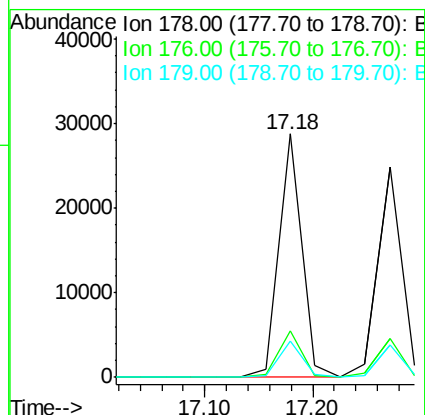
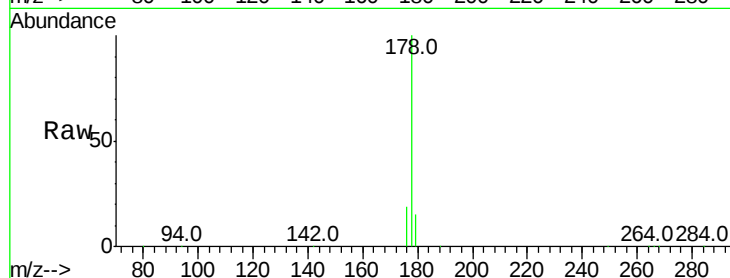
Tot Ion:178 Resp: 43002

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 15.1 16.0 24.0#



#22

Anthracene

Concen: 5.22 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

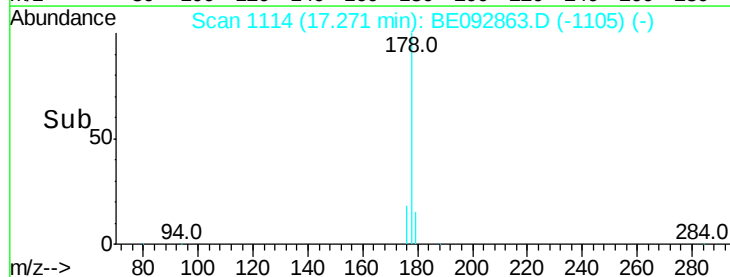
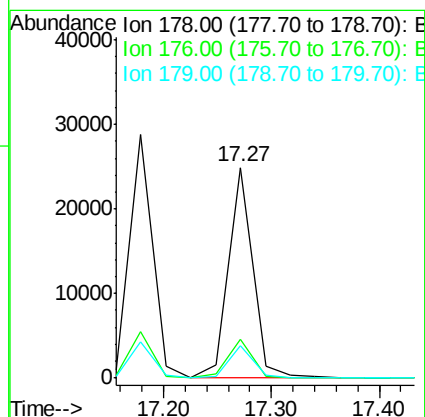
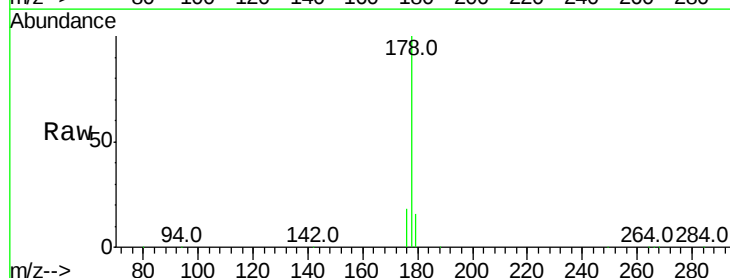
Tgt Ion:178 Resp: 38596

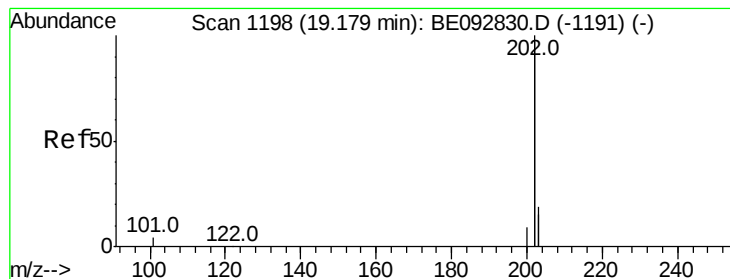
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.5 12.2 18.2





#23

Fluoranthene

Concen: 4.29 ng

RT: 19.18 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

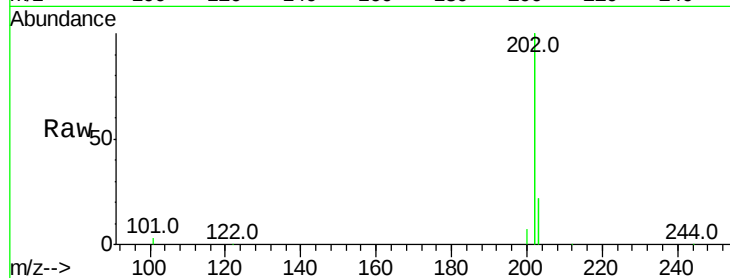
Tot Ion:202 Resp: 160642

Ion Ratio Lower Upper

202 100

101 3.2 2.2 3.4

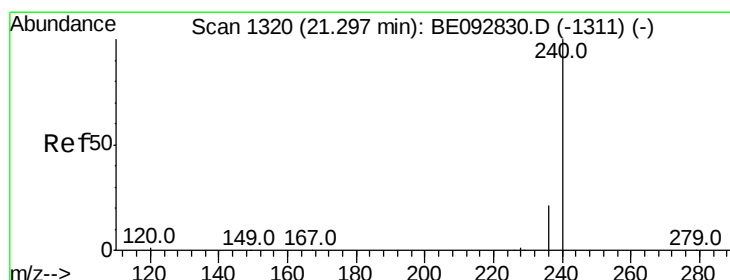
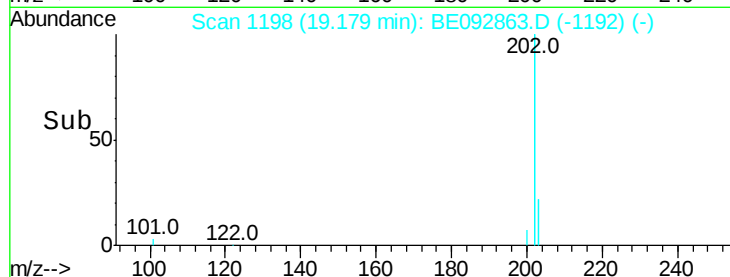
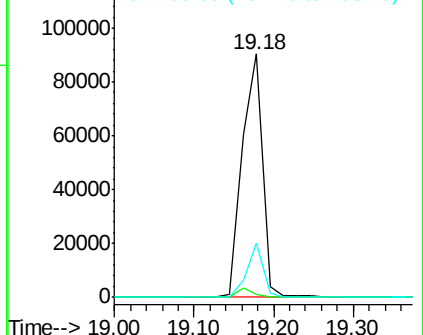
203 17.9 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

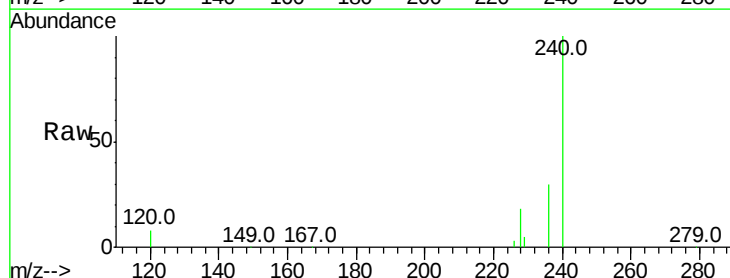
Tgt Ion:240 Resp: 38844

Ion Ratio Lower Upper

240 100

120 8.4 2.6 4.0#

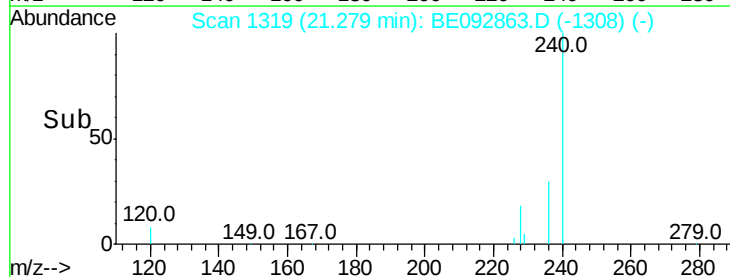
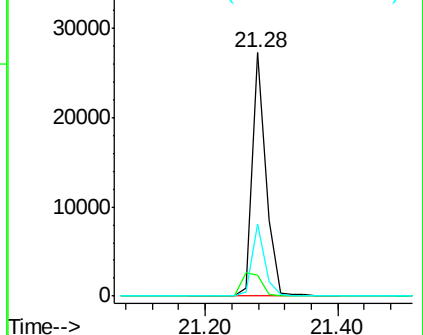
236 29.6 24.6 37.0

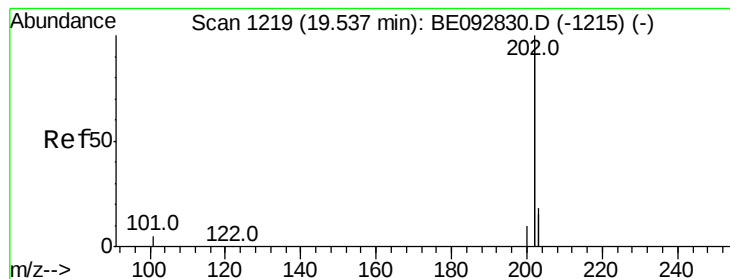


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 4.44 ng

RT: 19.54 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

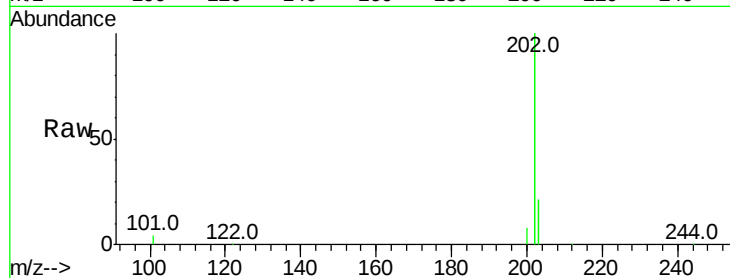
Tot Ion:202 Resp: 171399

Ion Ratio Lower Upper

202 100

200 5.0 4.2 6.4

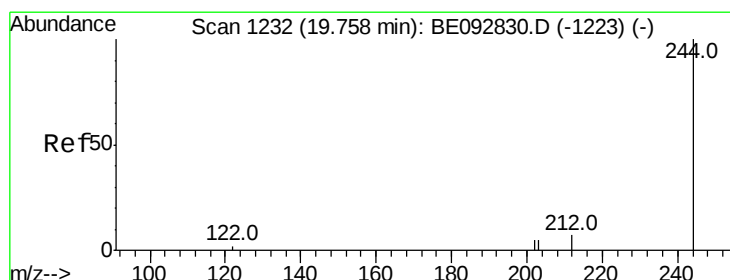
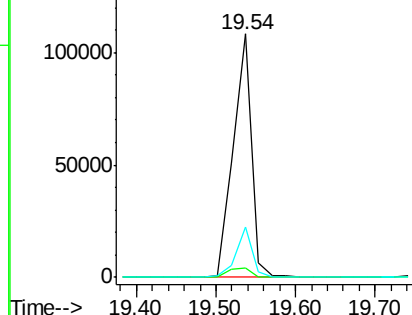
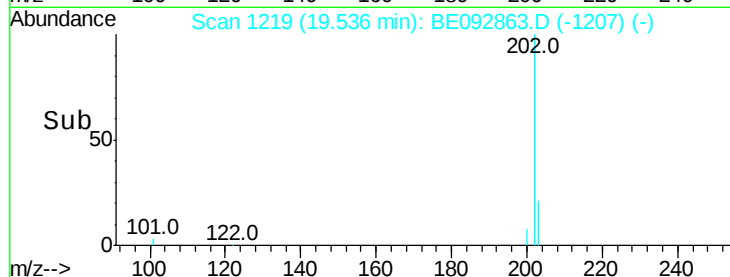
203 18.0 13.9 20.9



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



#26

Terphenyl-d14

Concen: 3.49 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

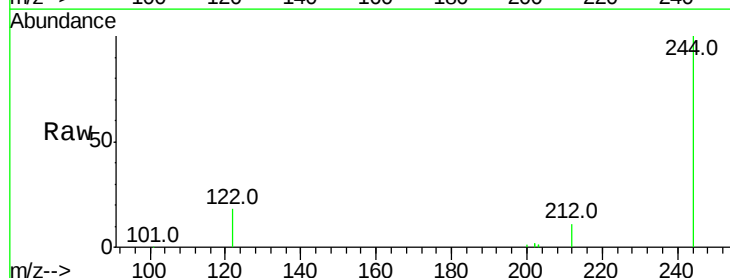
Tgt Ion:244 Resp: 23459

Ion Ratio Lower Upper

244 100

212 10.8 6.7 10.1#

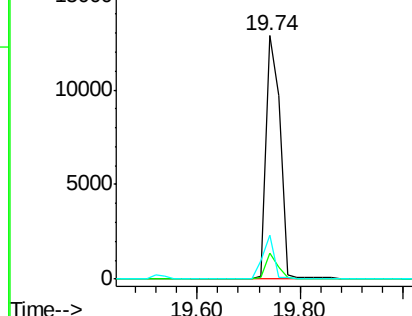
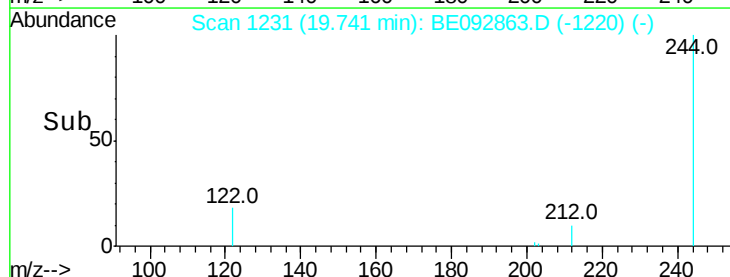
122 18.2 3.6 5.4#

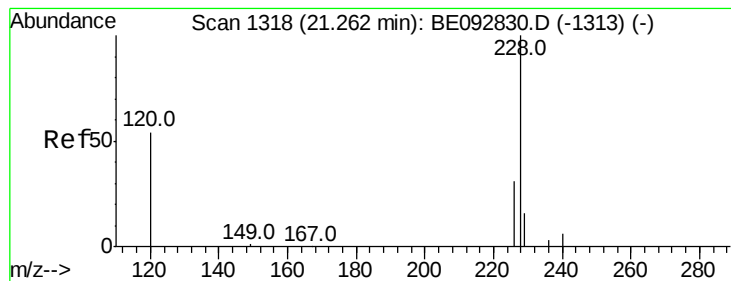


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 4.72 ng

RT: 21.26 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

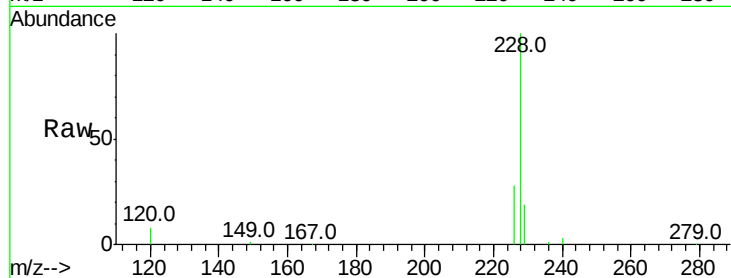
Tot Ion:228 Resp: 43440

Ion Ratio Lower Upper

228 100

226 27.7 23.6 35.4

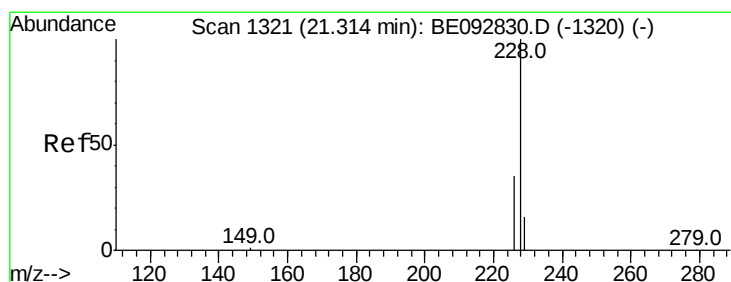
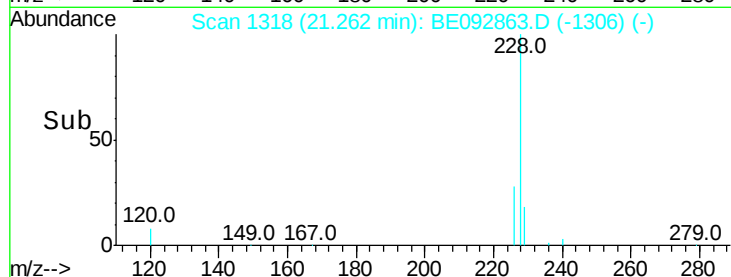
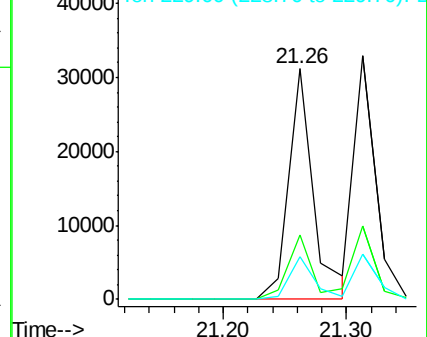
229 18.6 13.3 19.9



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



#28

Chrysene

Concen: 4.16 ng

RT: 21.31 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

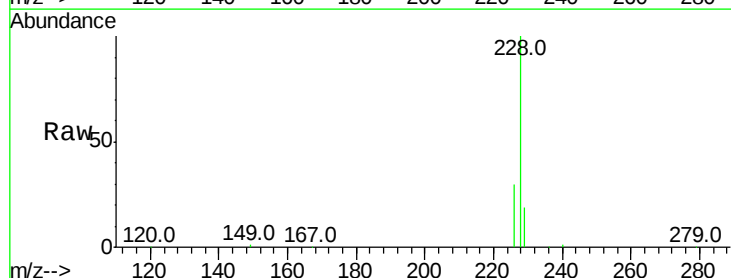
Tgt Ion:228 Resp: 40360

Ion Ratio Lower Upper

228 100

226 30.2 36.3 54.5#

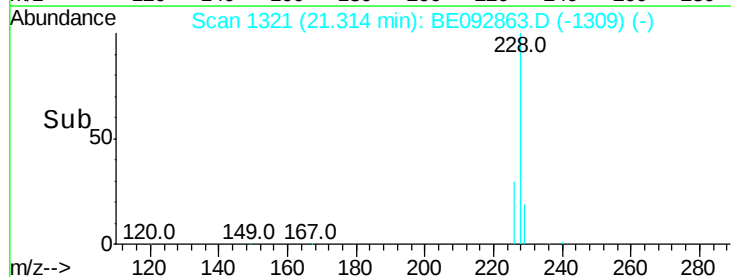
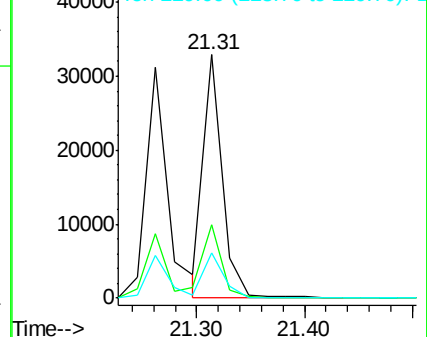
229 18.6 10.6 16.0#



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





#29

Bis(2-ethylhexyl)phthalate

Concen: 4.12 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

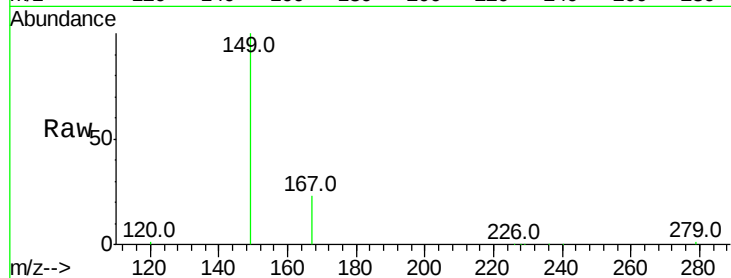
Tot Ion:149 Resp: 13535

Ion Ratio Lower Upper

149 100

167 24.0 16.0 24.0#

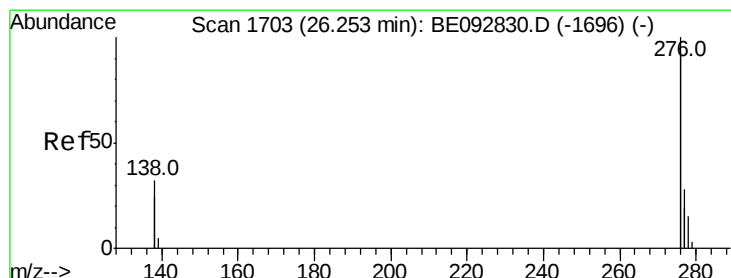
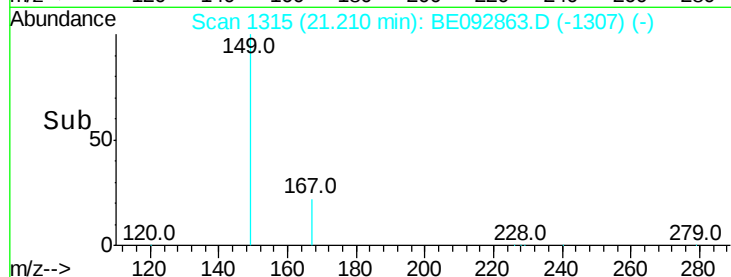
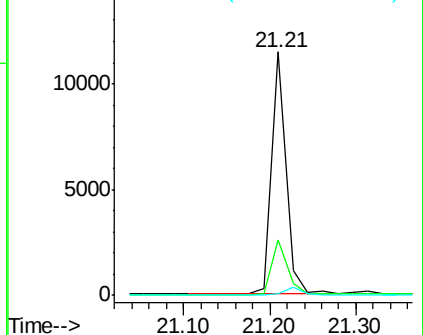
279 2.7 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.78 ng

RT: 26.24 min Scan# 1702

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

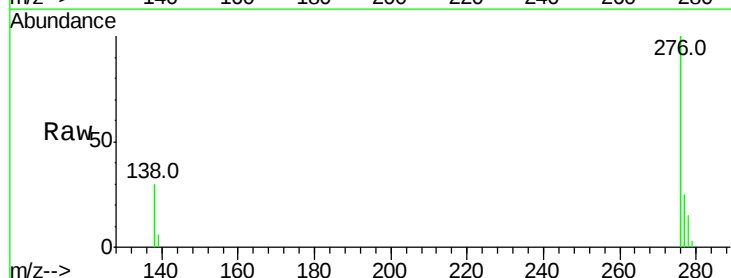
Tgt Ion:276 Resp: 174539

Ion Ratio Lower Upper

276 100

138 31.9 20.3 30.5#

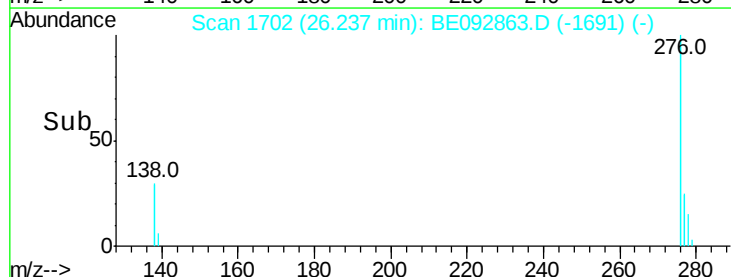
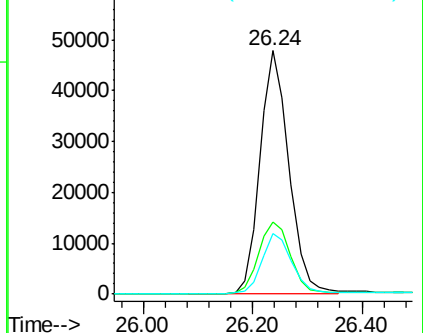
277 24.9 19.7 29.5

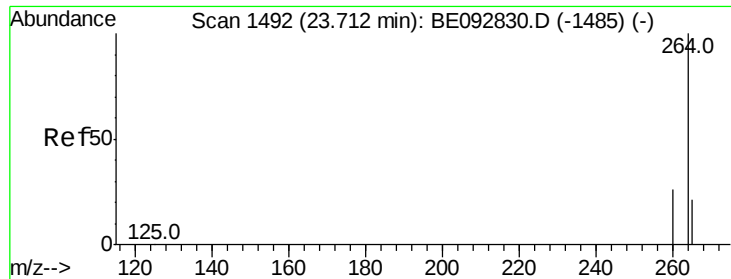


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



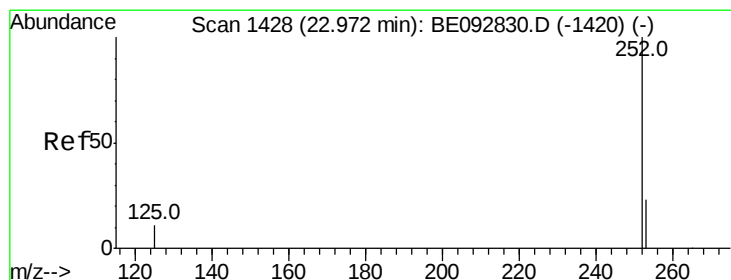
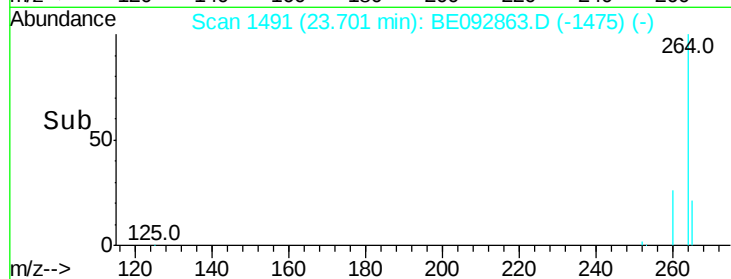
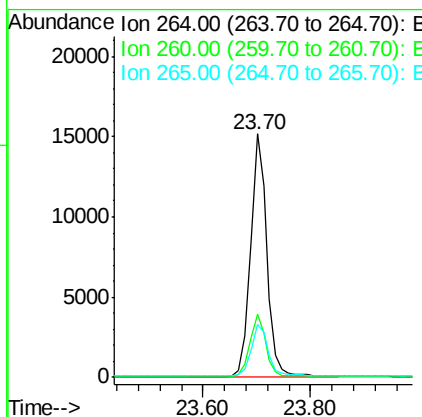
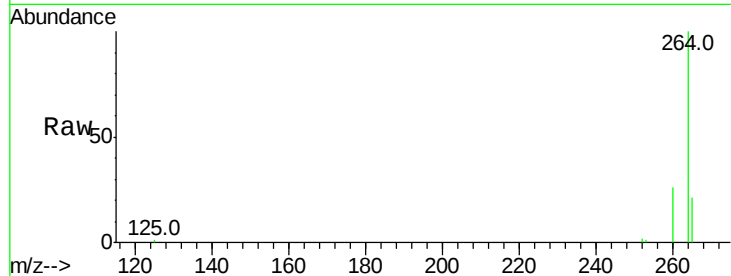


#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092863.D
Acq: 29 Mar 2017 12:18

Instrument :
BNA_E
ClientSampleId :
PB97794BS

Tot Ion:264 Resp: 31968

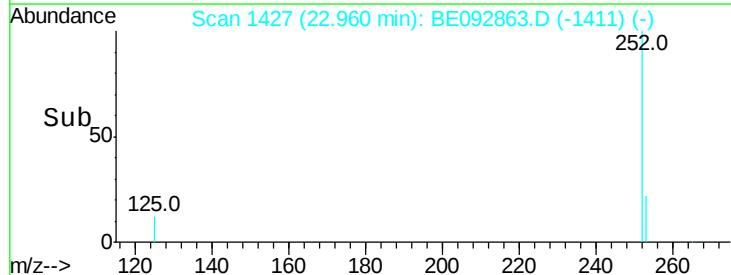
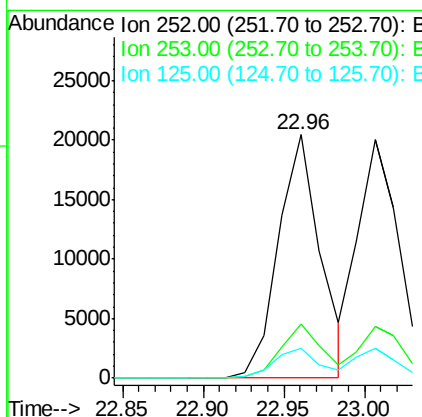
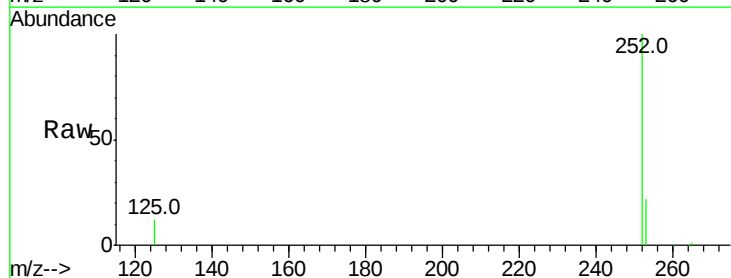
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.5	17.9	26.9

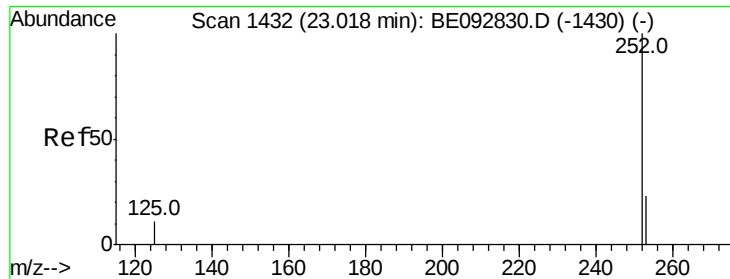


#32
Benzo(b)fluoranthene
Concen: 4.34 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092863.D
Acq: 29 Mar 2017 12:18

Tgt Ion:252 Resp: 36904

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	12.3	10.5	15.7

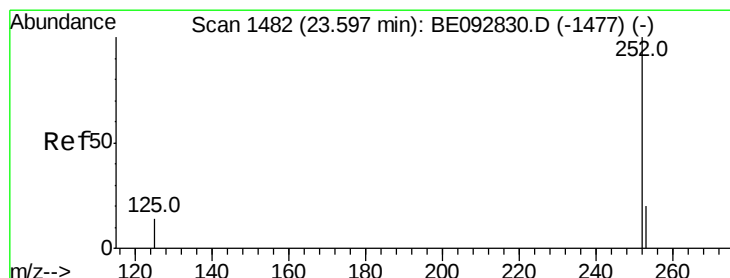
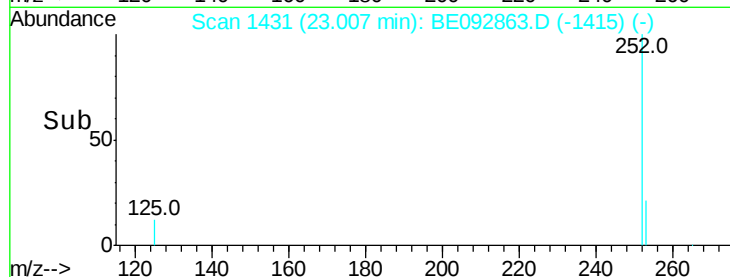
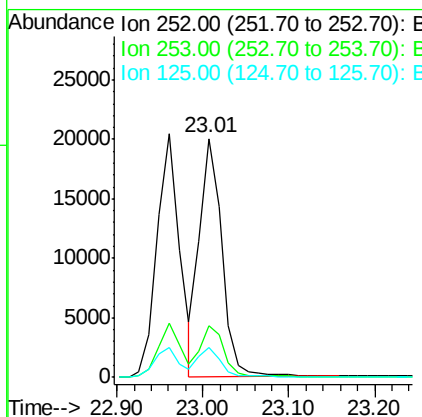
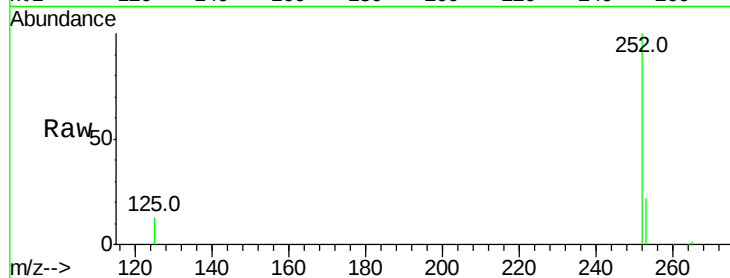




#33
Benzo(k)fluoranthene
Concen: 4.72 ng
RT: 23.01 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE092863.D
Acq: 29 Mar 2017 12:18

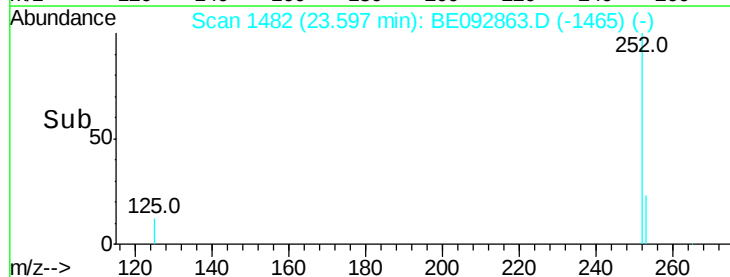
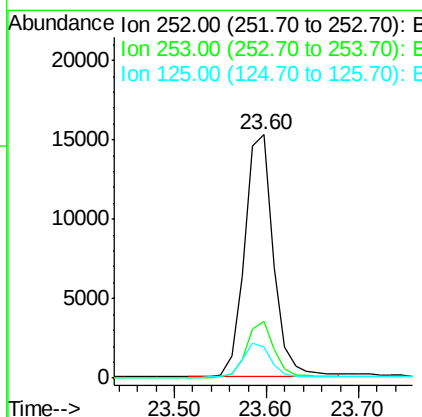
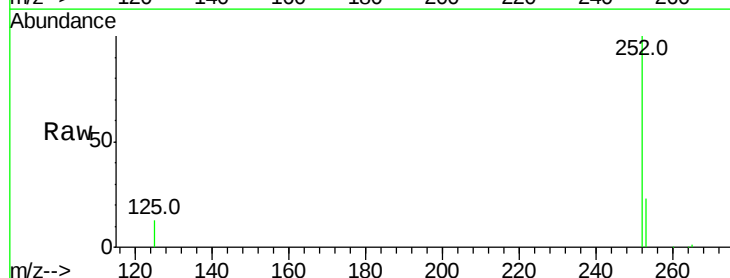
Instrument :
BNA_E
ClientSampleId :
PB97794BS

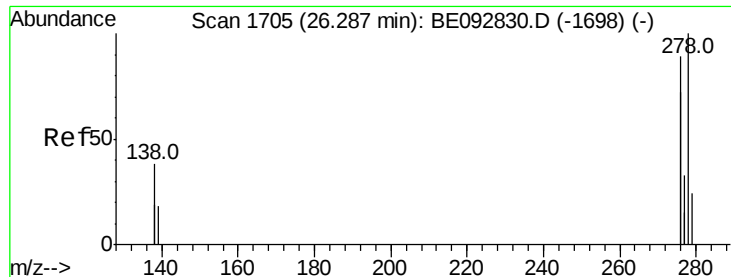
Tot Ion:252 Resp: 35967
Ion Ratio Lower Upper
252 100
253 21.7 20.3 30.5
125 12.7 9.6 14.4



#34
Benzo(a)pyrene
Concen: 4.75 ng
RT: 23.60 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE092863.D
Acq: 29 Mar 2017 12:18

Tgt Ion:252 Resp: 33424
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.6
125 12.9 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 5.06 ng

RT: 26.27 min Scan# 1704

Delta R.T. -0.02 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB97794BS

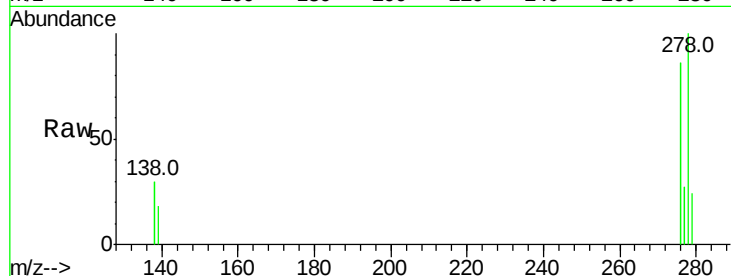
Tot Ion:278 Resp: 37837

Ion Ratio Lower Upper

278 100

139 17.8 13.8 20.8

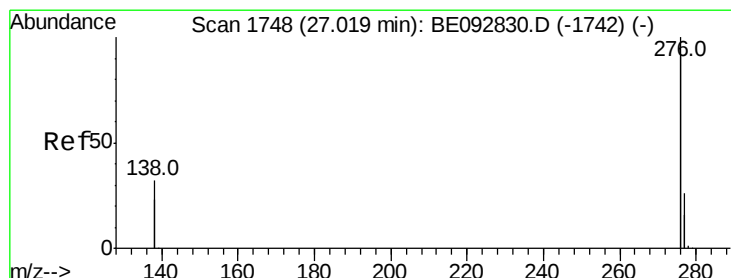
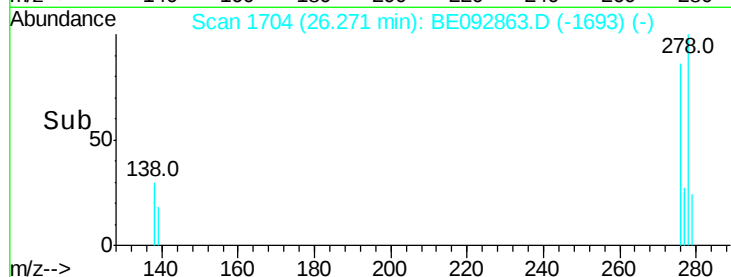
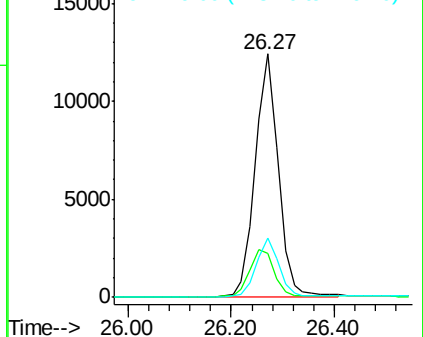
279 24.2 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 4.90 ng

RT: 27.02 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BE092863.D

Acq: 29 Mar 2017 12:18

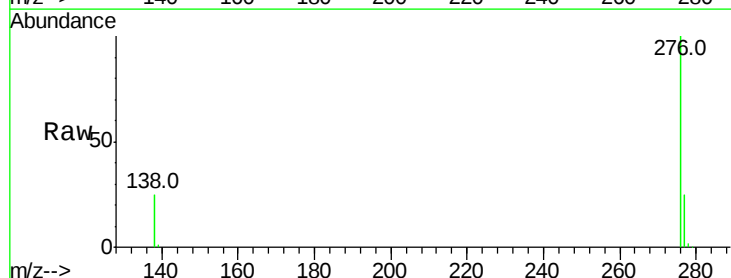
Tgt Ion:276 Resp: 151975

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 25.1 19.8 29.6



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

