

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
 Data File : BE092758.D
 Acq On : 24 Feb 2017 13:46
 Operator : SJ/MA
 Sample : PB97149BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97149BSD

Quant Time: Feb 24 15:41:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	10464	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	42110	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	22119	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	48604	5.00	ng	0.00
24) Chrysene-d12	21.68	240	67342	5.00	ng	-0.02
31) Perylene-d12	24.01	264	68399	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.60	112	22869	11.23	ng	-0.03
5) Phenol-d6	7.27	99	30624	12.26	ng	-0.05
8) Nitrobenzene-d5	9.27	82	13049	4.59	ng	-0.05
13) 2,4,6-Tribromophenol	16.24	330	7045	15.01	ng	-0.05
14) 2-Fluorobiphenyl	13.36	172	26817	4.97	ng	-0.04
26) Terphenyl-d14	20.12	244	35360	4.11	ng	-0.02

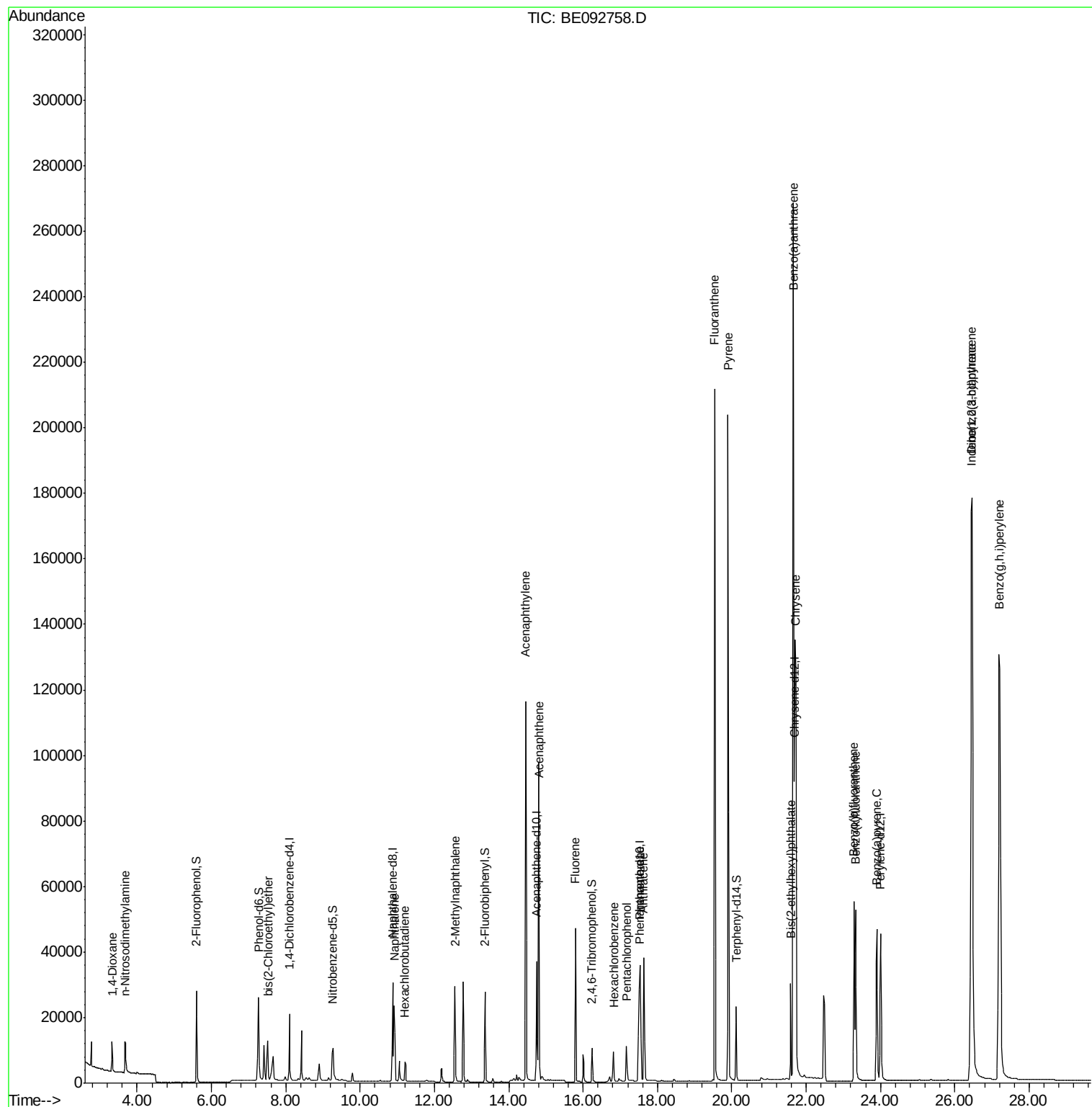
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	5034	3.87	ng	# 70
3) n-Nitrosodimethylamine	3.68	42	8198	4.28	ng	# 98
6) bis(2-Chloroethyl)ether	7.52	93	11924	4.31	ng	# 27
9) Naphthalene	10.91	128	37999	4.17	ng	# 95
10) Hexachlorobutadiene	11.20	225	5659	4.22	ng	99
11) 2-Methylnaphthalene	12.55	142	24512	4.28	ng	# 85
15) Acenaphthylene	14.46	152	157216	4.71	ng	100
16) Acenaphthene	14.82	154	24211	4.99	ng	97
17) Fluorene	15.80	166	31294	5.03	ng	99
19) Hexachlorobenzene	16.82	284	8628	4.60	ng	# 67
20) Pentachlorophenol	17.17	266	9486	16.90	ng	# 86
21) Phenanthrene	17.53	178	49352	4.27	ng	# 94
22) Anthracene	17.63	178	52603	4.95	ng	98
23) Fluoranthene	19.54	202	243197	4.91	ng	99
25) Pyrene	19.90	202	249240	3.89	ng	99
27) Benzo(a)anthracene	21.66	228	278953m	4.27	ng	
28) Chrysene	21.72	228	233576m	3.02	ng	
29) Bis(2-ethylhexyl)phthalate	21.59	149	34351	3.82	ng	# 68
30) Indeno(1,2,3-cd)pyrene	26.45	276	378423	4.71	ng	97
32) Benzo(b)fluoranthene	23.29	252	76453	4.26	ng	# 96
33) Benzo(k)fluoranthene	23.34	252	71778	3.75	ng	95
34) Benzo(a)pyrene	23.90	252	75275	4.28	ng	# 95
35) Dibenzo(a,h)anthracene	26.46	278	78532	4.54	ng	94
36) Benzo(g,h,i)perylene	27.19	276	325313	4.54	ng	97

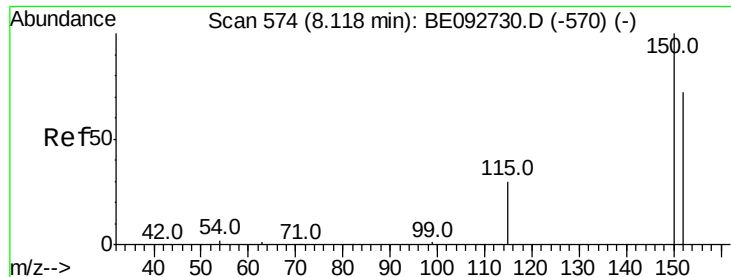
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.09 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

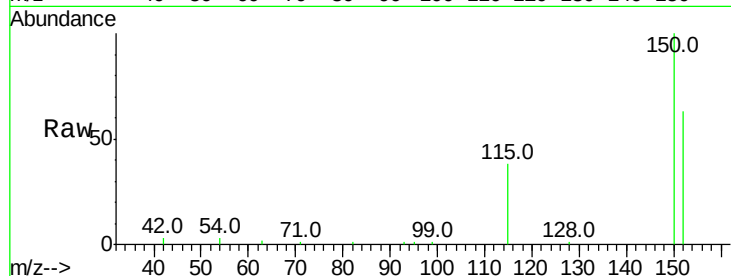
Tot Ion:152 Resp: 10464

Ion Ratio Lower Upper

152 100

150 159.1 106.0 159.0#

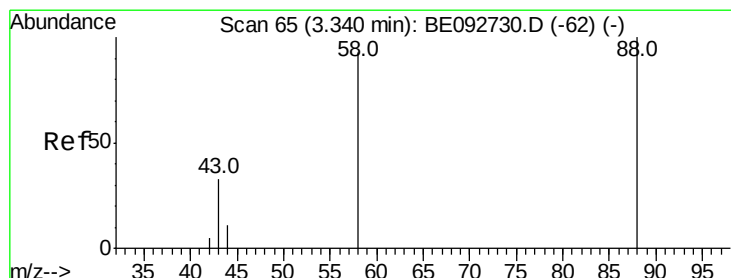
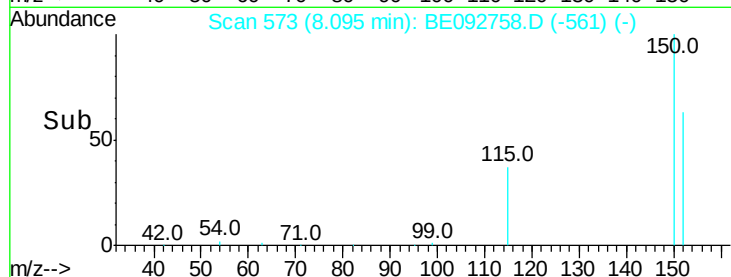
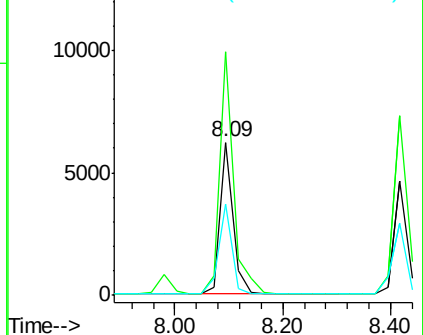
115 59.8 31.2 46.8#



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: 3.87 ng

RT: 3.33 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

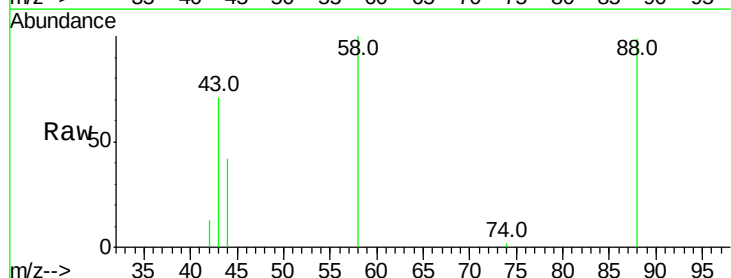
Tgt Ion: 88 Resp: 5034

Ion Ratio Lower Upper

88 100

58 96.5 63.6 95.4#

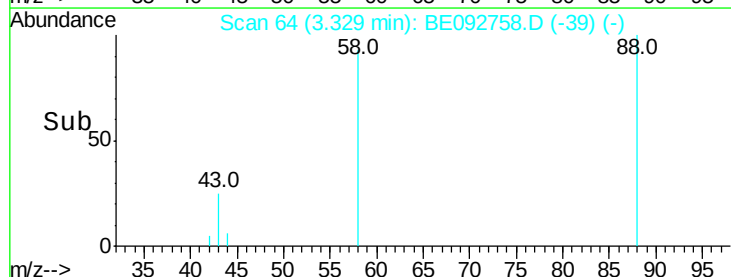
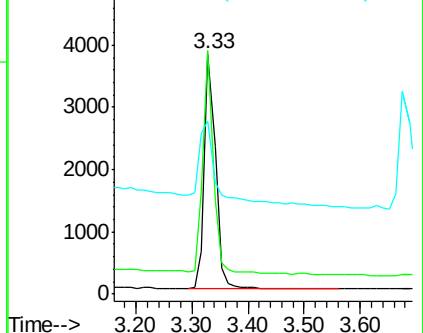
43 65.9 28.0 42.0#

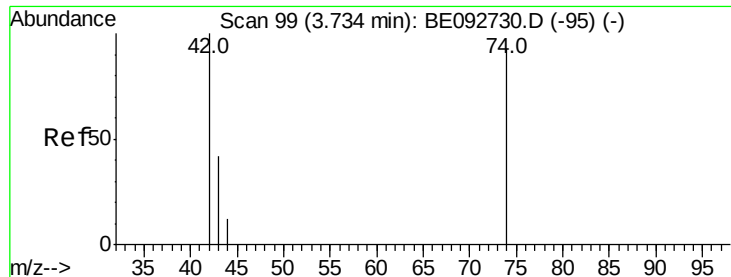


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.28 ng

RT: 3.68 min Scan# 94

Delta R.T. -0.06 min

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Instrument :

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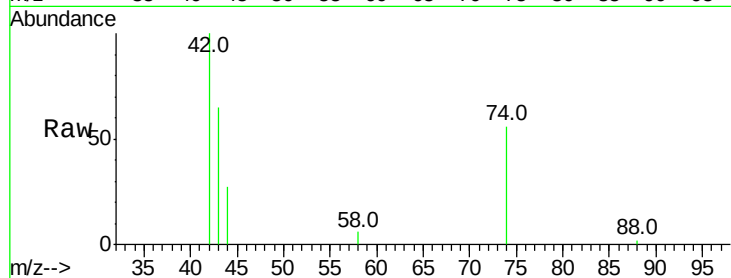
Tot Ion: 42 Resp: 8198

Ion Ratio Lower Upper

42 100

74 109.1 86.0 129.0

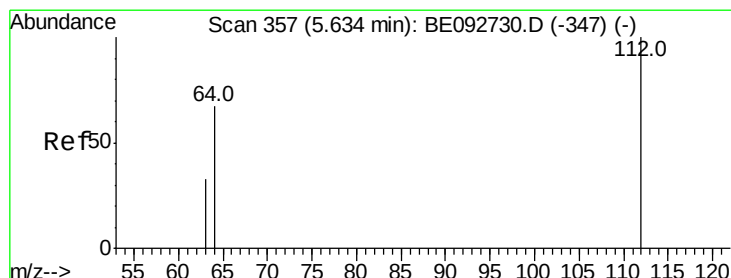
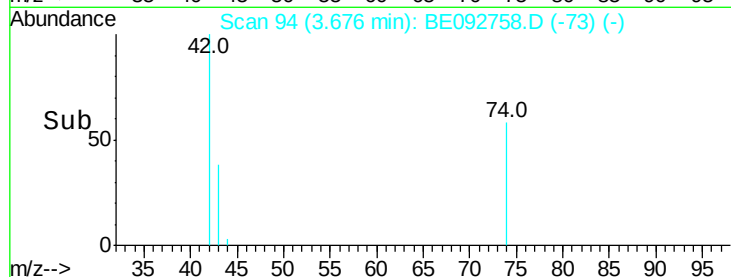
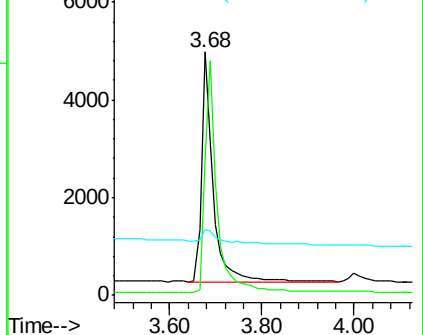
44 10.1 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 11.23 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

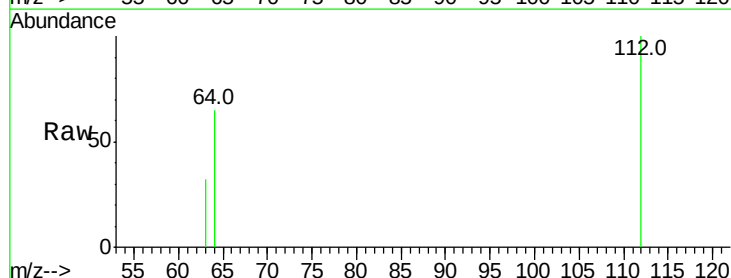
Tgt Ion: 112 Resp: 22869

Ion Ratio Lower Upper

112 100

64 68.0 53.5 80.3

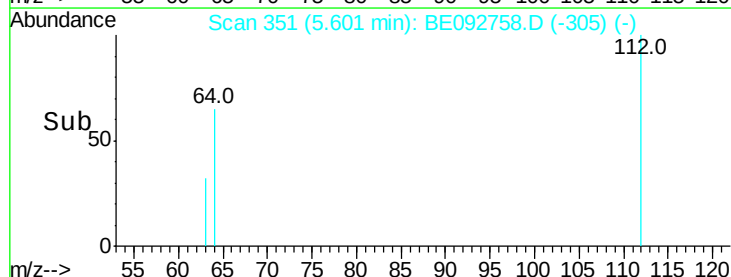
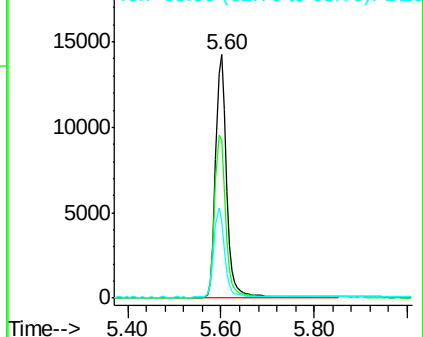
63 36.0 27.9 41.9

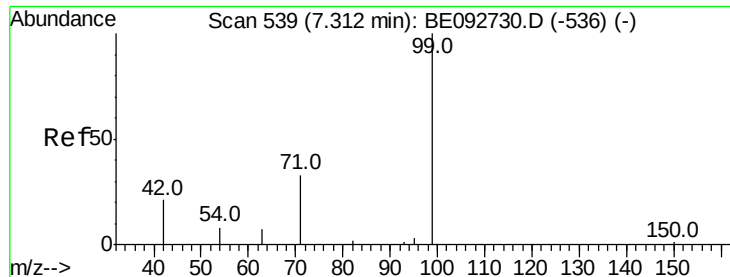


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 12.26 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

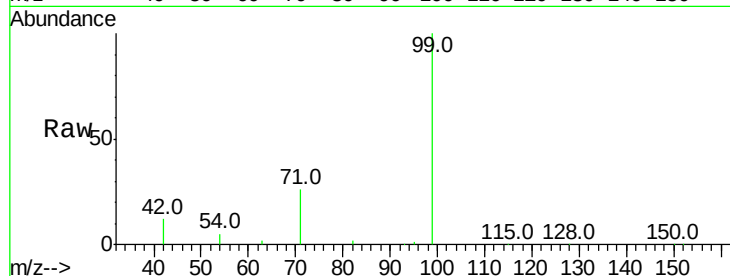
Tot Ion: 99 Resp: 30624

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

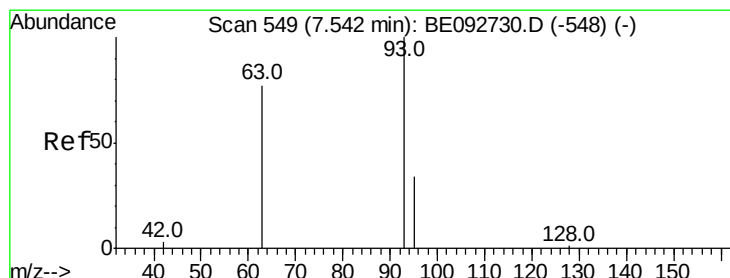
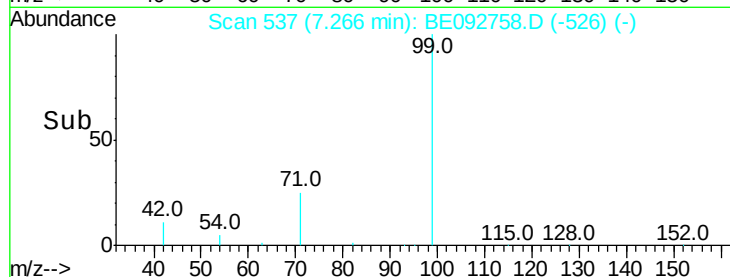
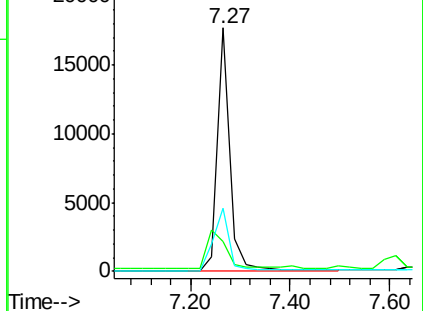
71 32.2 30.6 45.8



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: 4.31 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

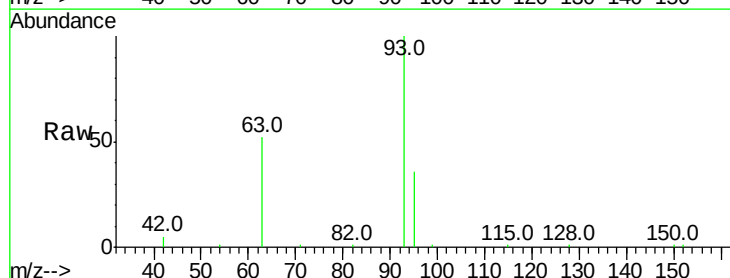
Tgt Ion: 93 Resp: 11924

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

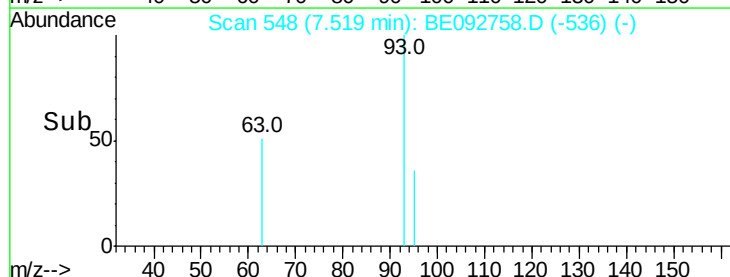
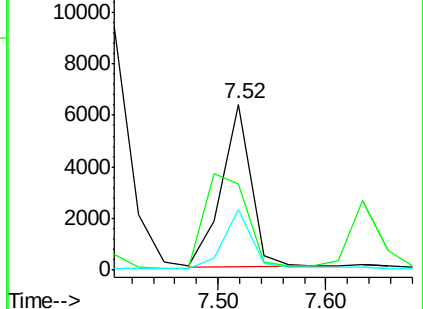
95 33.5 24.0 36.0

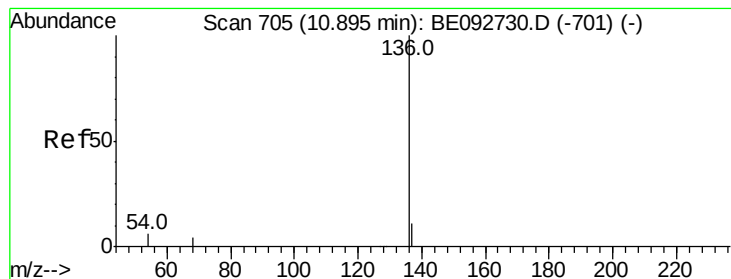


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

Tot Ion:136 Resp: 42110

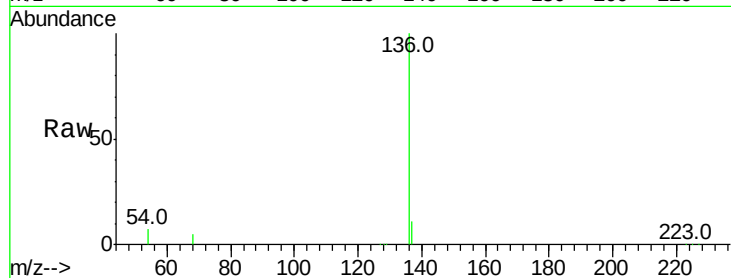
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.9 9.6 14.4#

68 5.4 6.7 10.1#

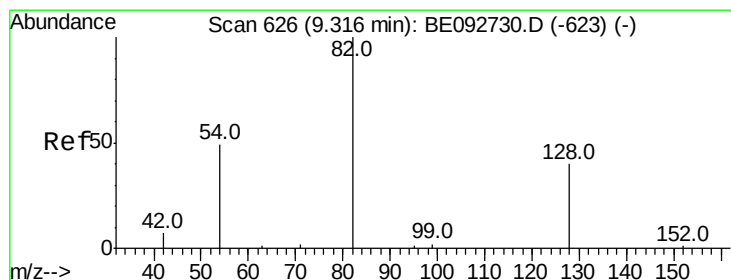
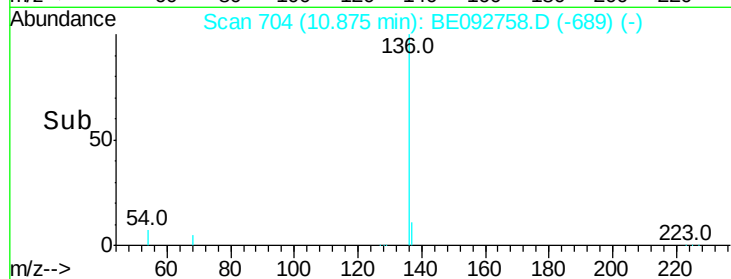
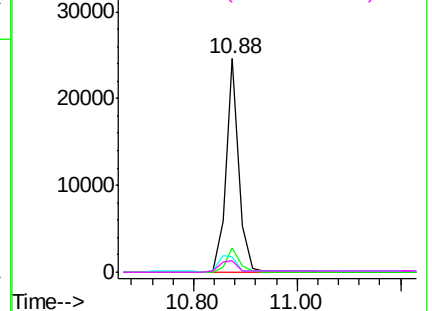


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.59 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

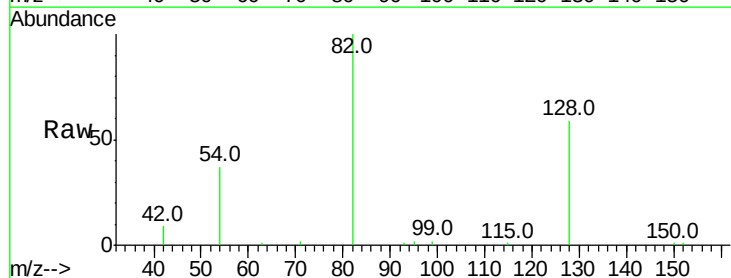
Tgt Ion: 82 Resp: 13049

Ion Ratio Lower Upper

82 100

128 58.8 39.0 58.4#

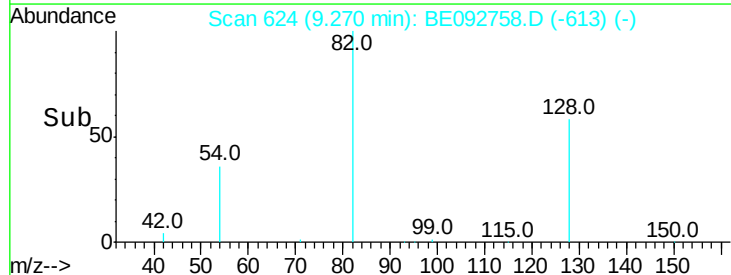
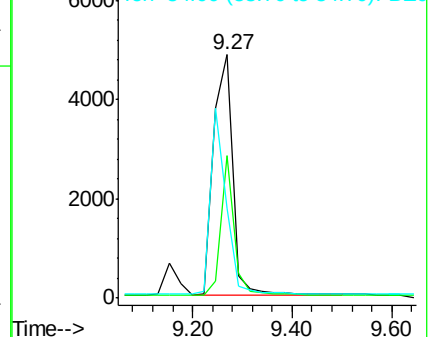
54 36.9 44.8 67.2#

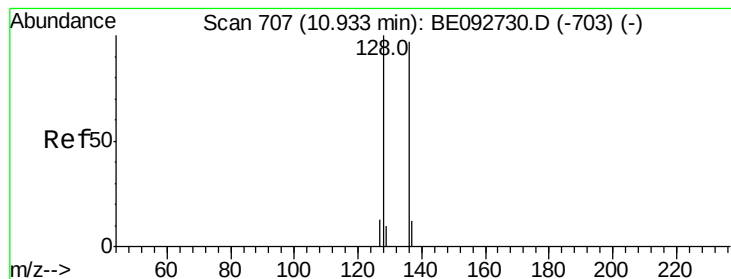


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.17 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

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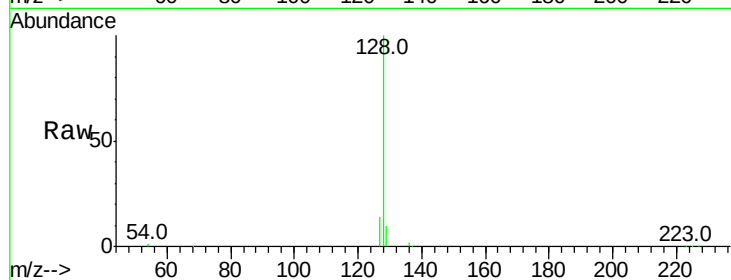
Tot Ion:128 Resp: 37999

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

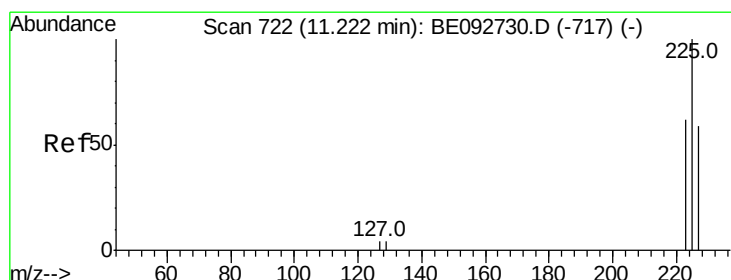
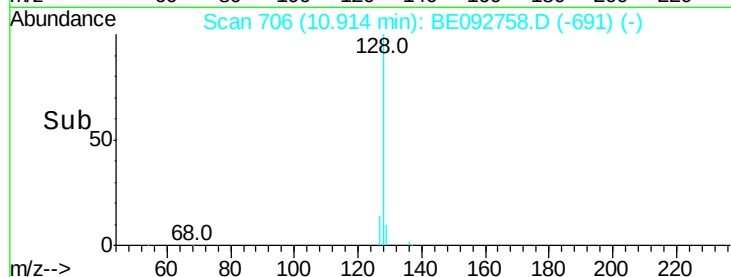
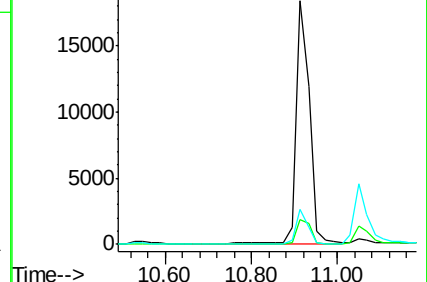
127 14.5 11.6 17.4



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: 4.22 ng

RT: 11.20 min Scan# 721

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

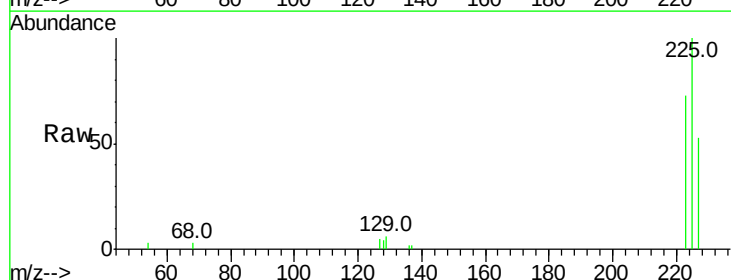
Tgt Ion:225 Resp: 5659

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

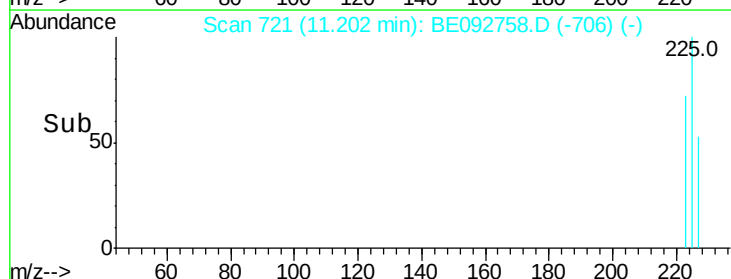
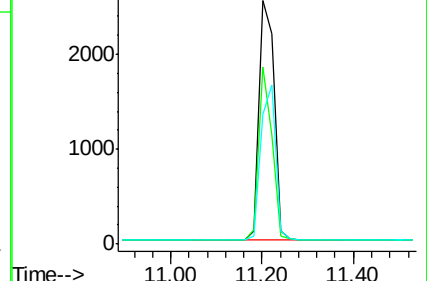
227 63.1 51.4 77.0

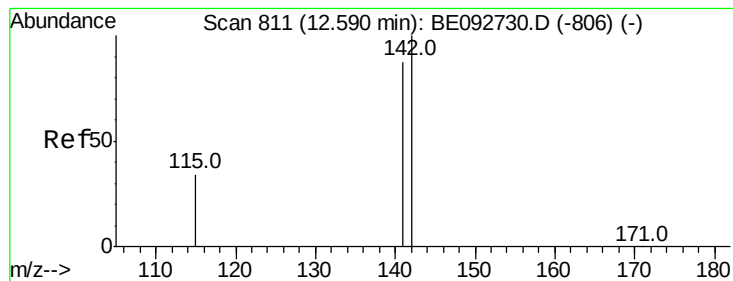


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.28 ng

RT: 12.55 min Scan# 808

Delta R.T. -0.04 min

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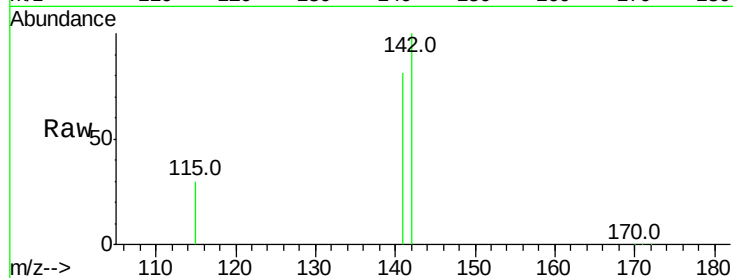
Tot Ion:142 Resp: 24512

Ion Ratio Lower Upper

142 100

141 80.8 73.7 110.5

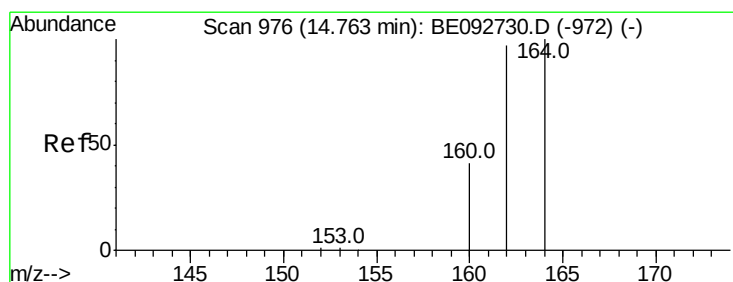
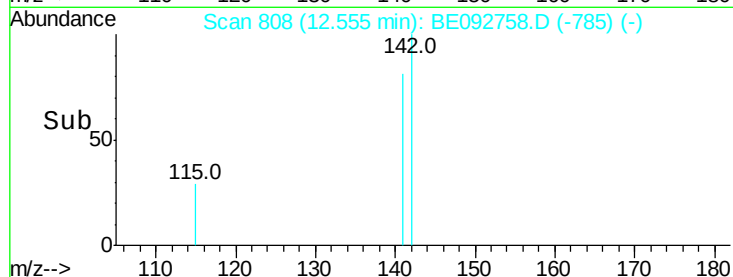
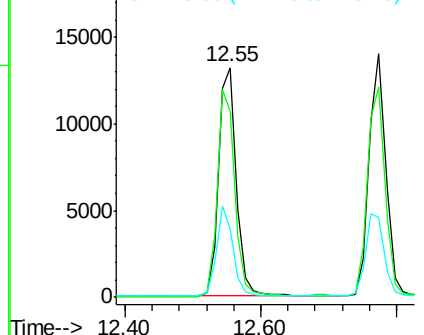
115 29.5 34.0 51.0#



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: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

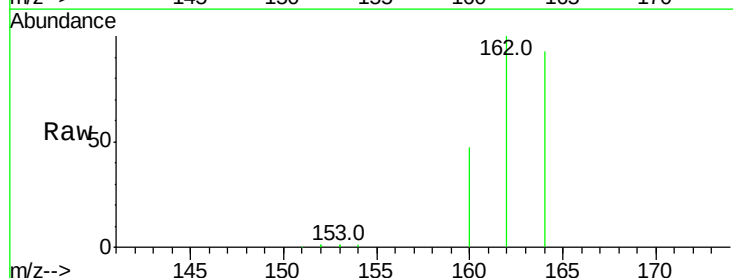
Tgt Ion:164 Resp: 22119

Ion Ratio Lower Upper

164 100

162 108.0 71.4 107.0#

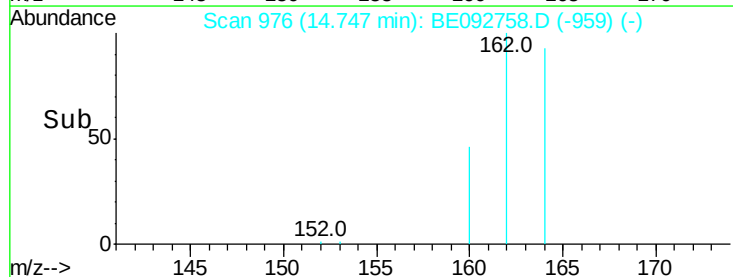
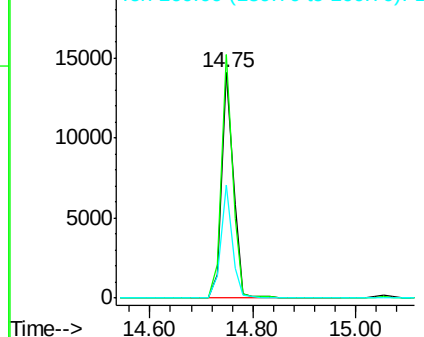
160 50.3 27.4 41.2#

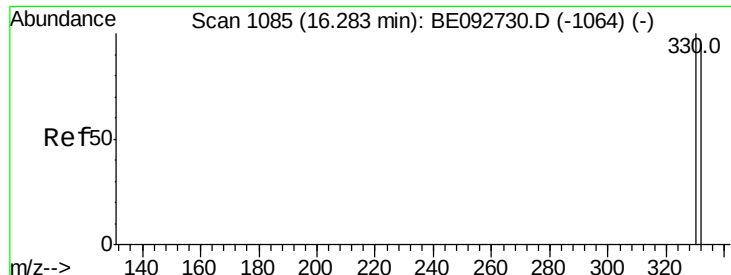


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

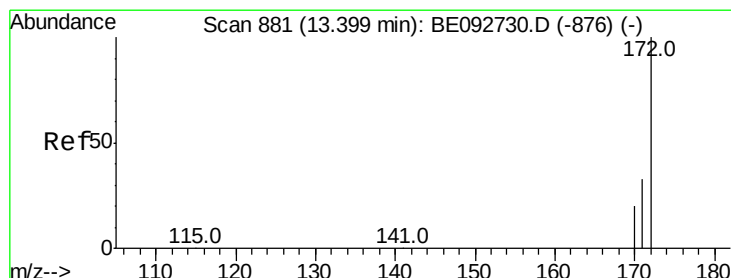
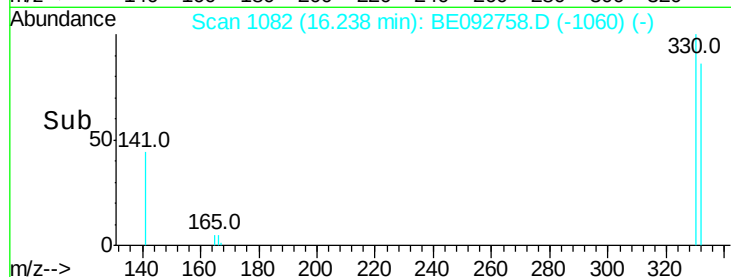
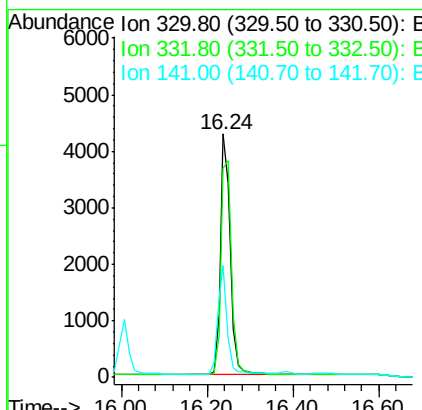
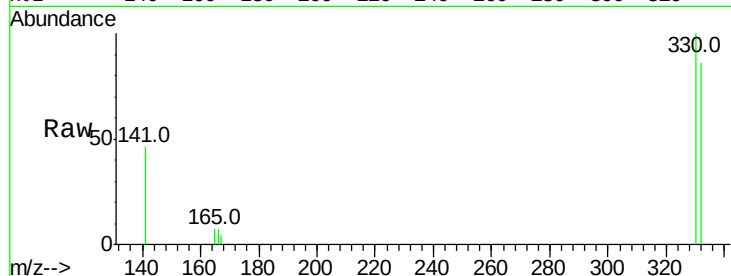




#13
 2,4,6-Tribromophenol
 Concen: 15.01 ng
 RT: 16.24 min Scan# 1082
 Delta R.T. -0.05 min
 Lab File: BE092758.D
 Acq: 24 Feb 2017 13:46

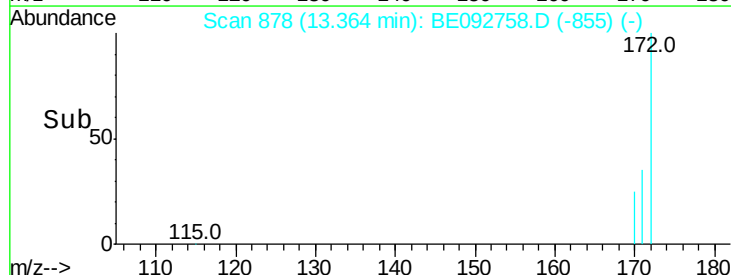
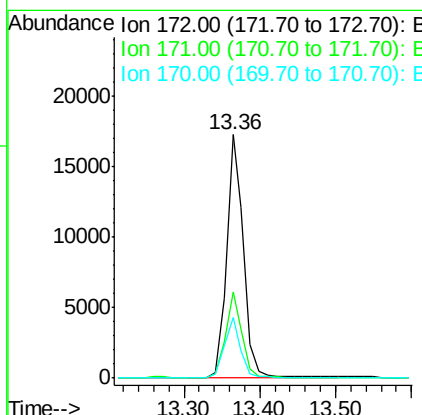
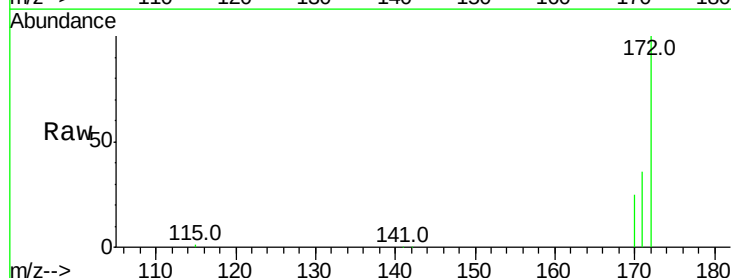
Instrument :
 BNA_E
 ClientSampleId :
 PB97149BSD

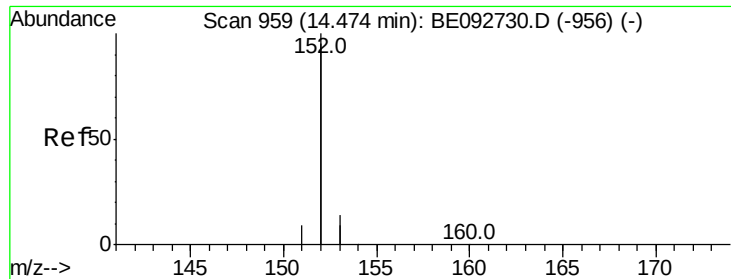
Tot Ion:330 Resp: 7045
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 43.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.97 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092758.D
 Acq: 24 Feb 2017 13:46

Tgt Ion:172 Resp: 26817
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.1 45.1
 170 24.8 21.8 32.6





#15

Acenaphthylene

Concen: 4.71 ng

RT: 14.46 min Scan# 959

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

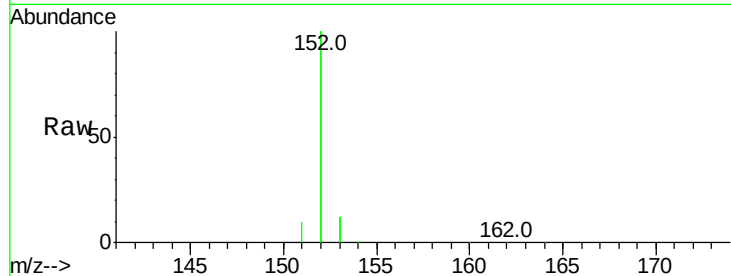
Tot Ion:152 Resp: 157216

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

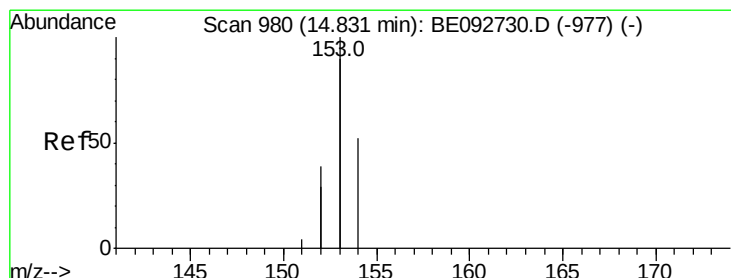
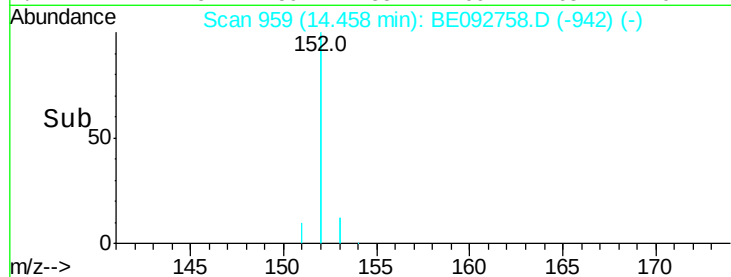
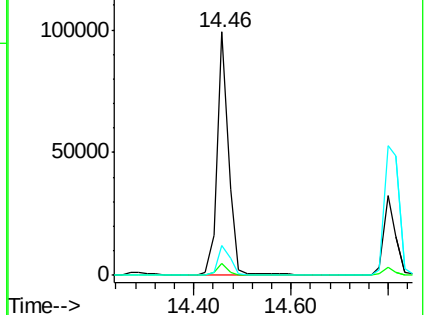
153 13.2 10.4 15.6



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



#16

Acenaphthene

Concen: 4.99 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

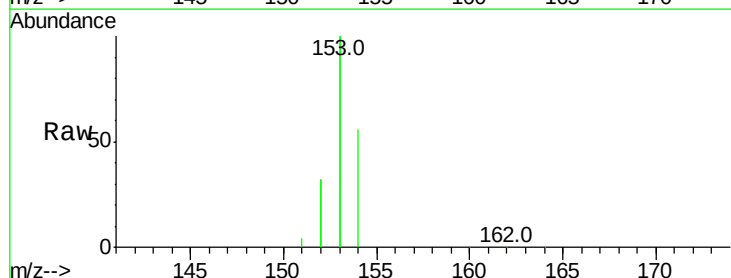
Tgt Ion:154 Resp: 24211

Ion Ratio Lower Upper

154 100

153 449.0 350.8 526.2

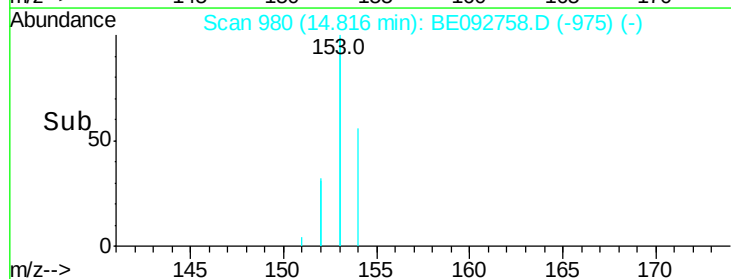
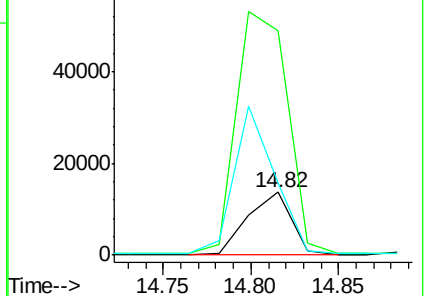
152 215.5 171.1 256.7

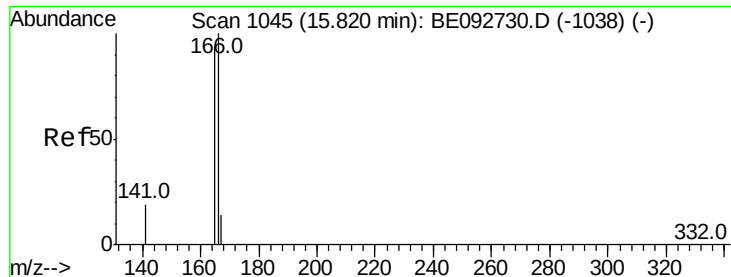


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 5.03 ng

RT: 15.80 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

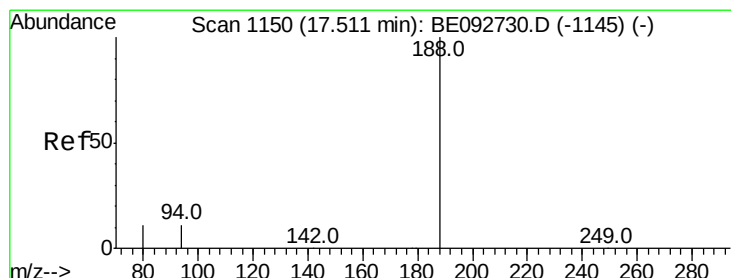
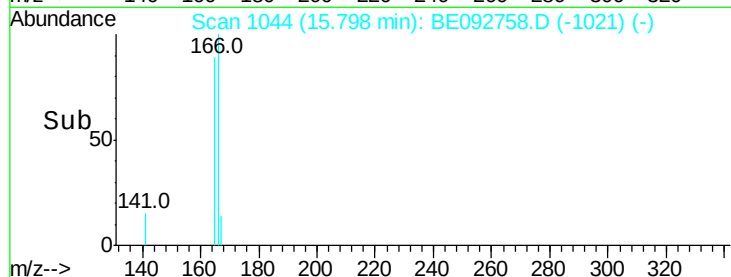
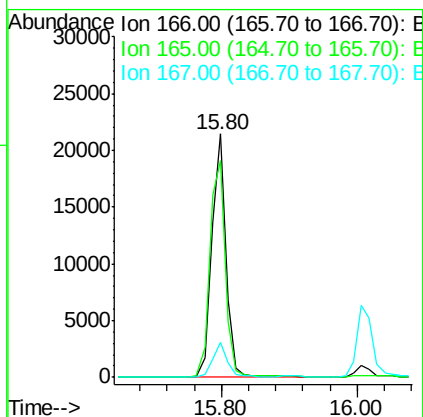
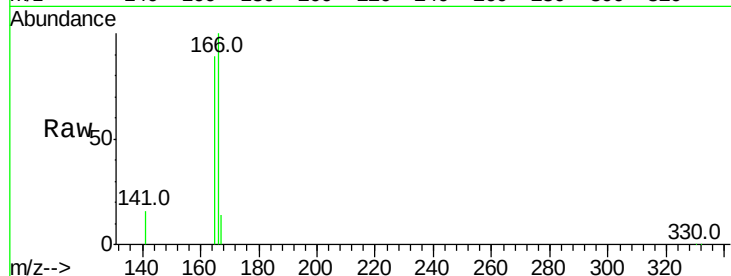
Tot Ion:166 Resp: 31294

Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

167 13.5 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

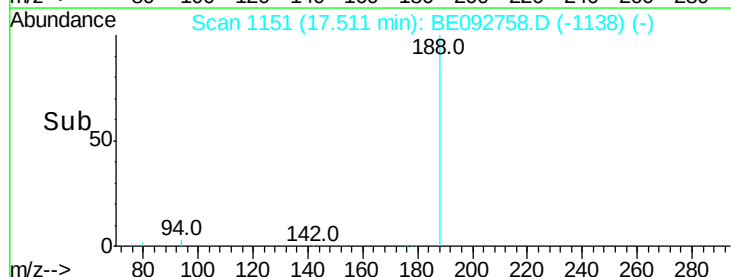
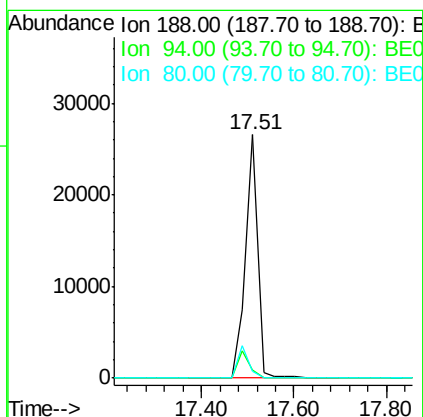
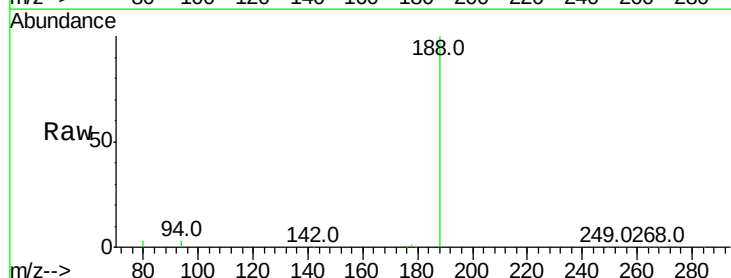
Tgt Ion:188 Resp: 48604

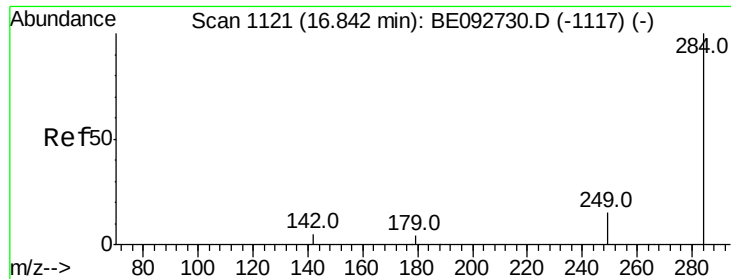
Ion Ratio Lower Upper

188 100

94 3.2 3.2 4.8#

80 2.5 2.6 3.8#

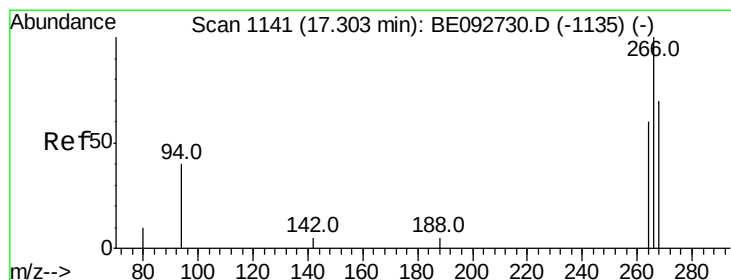
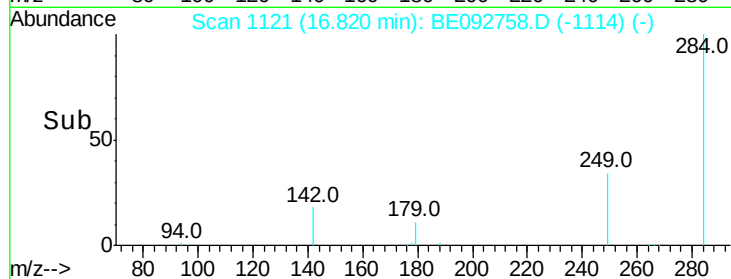
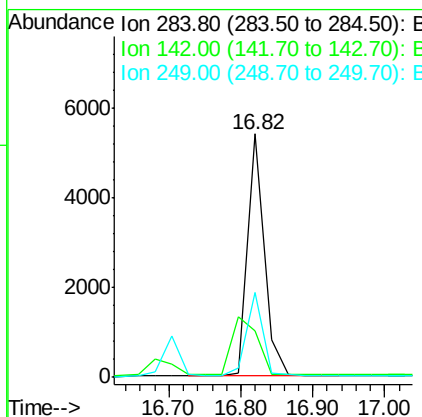
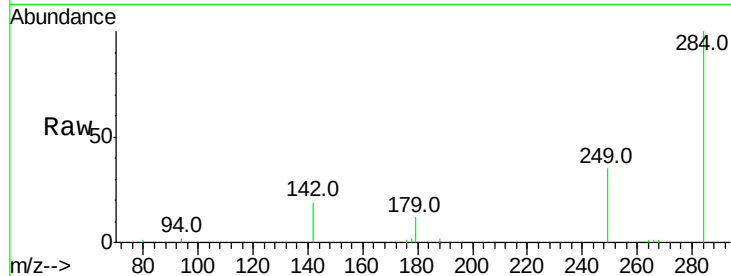




#19
Hexachlorobenzene
Concen: 4.60 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092758.D
Acq: 24 Feb 2017 13:46

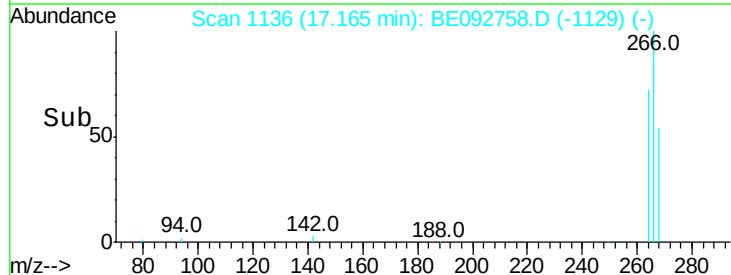
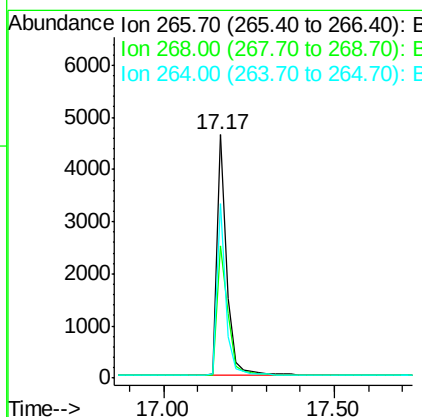
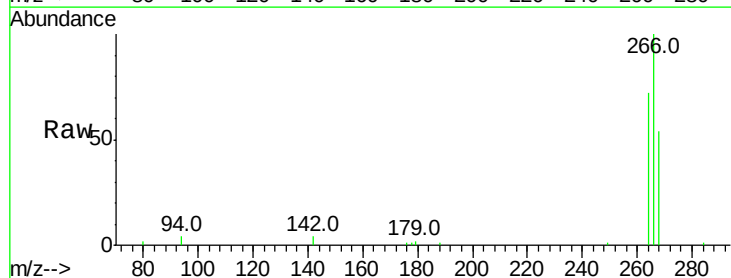
Instrument :
BNA_E
ClientSampleId :
PB97149BSD

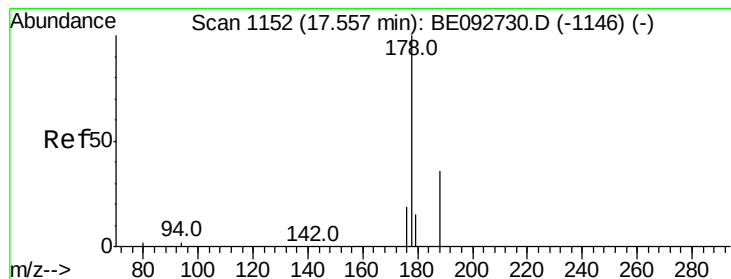
Tot Ion:284 Resp: 8628
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 33.0 27.9 41.9



#20
Pentachlorophenol
Concen: 16.90 ng
RT: 17.17 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BE092758.D
Acq: 24 Feb 2017 13:46

Tgt Ion:266 Resp: 9486
Ion Ratio Lower Upper
266 100
268 54.4 62.5 93.7#
264 71.9 57.2 85.8





#21

Phenanthrene

Concen: 4.27 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

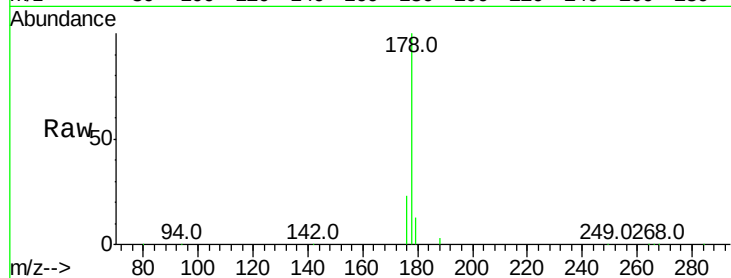
Tot Ion:178 Resp: 49352

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

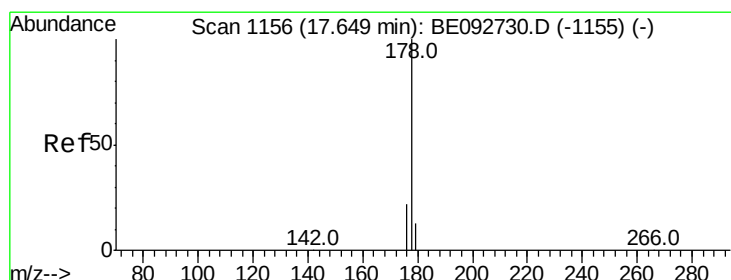
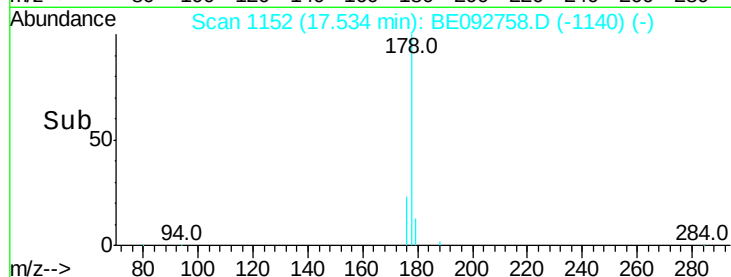
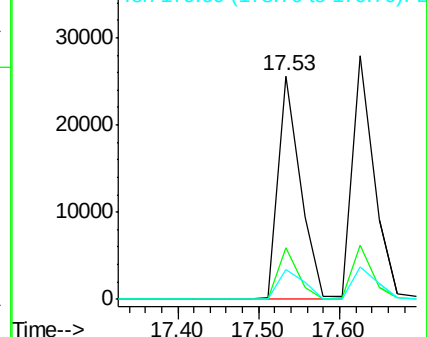
179 14.9 16.0 24.0#



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



#22

Anthracene

Concen: 4.95 ng

RT: 17.63 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

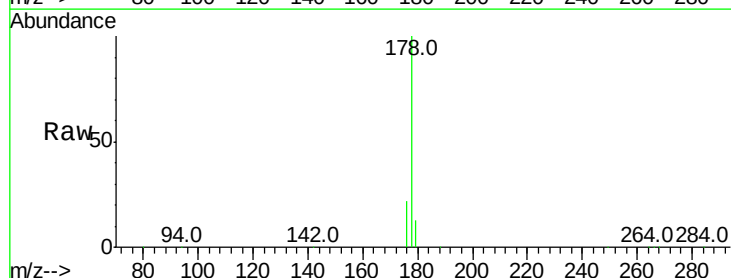
Tgt Ion:178 Resp: 52603

Ion Ratio Lower Upper

178 100

176 20.1 15.0 22.4

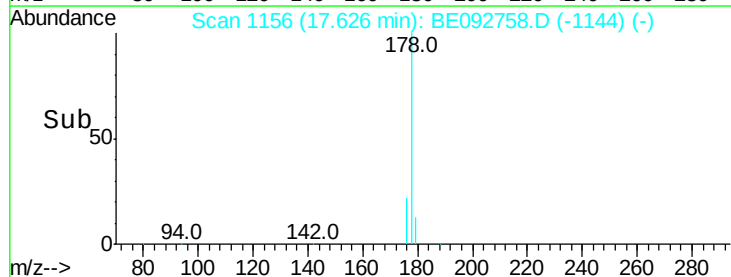
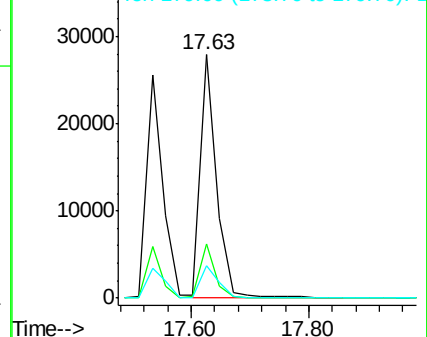
179 14.6 12.2 18.2

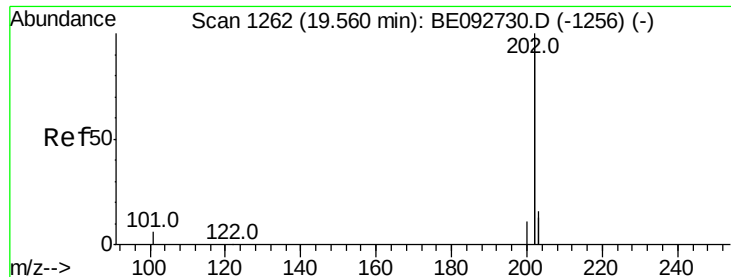


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.91 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

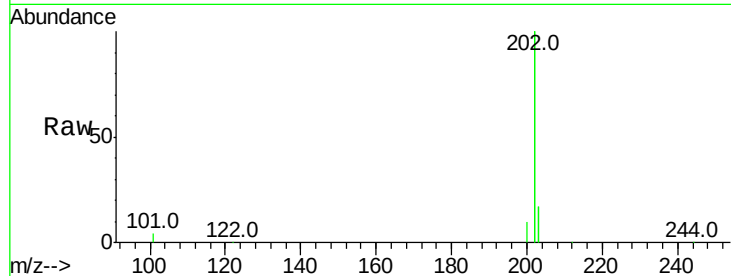
Tot Ion:202 Resp: 243197

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

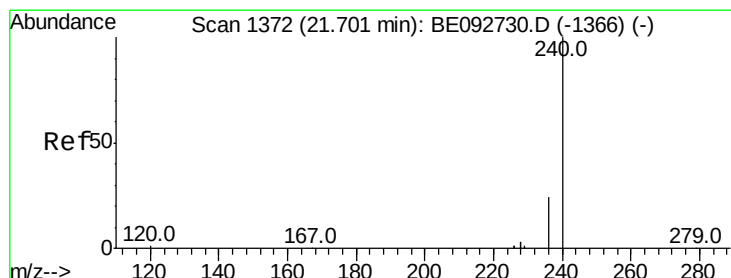
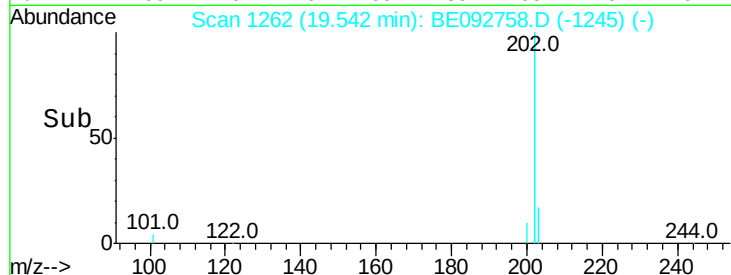
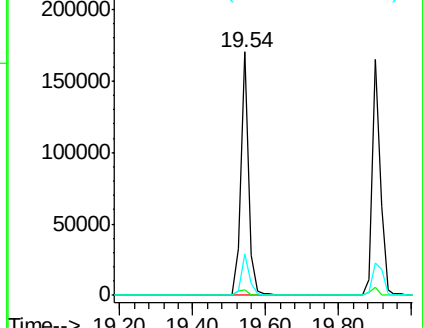
203 17.4 13.7 20.5



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: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

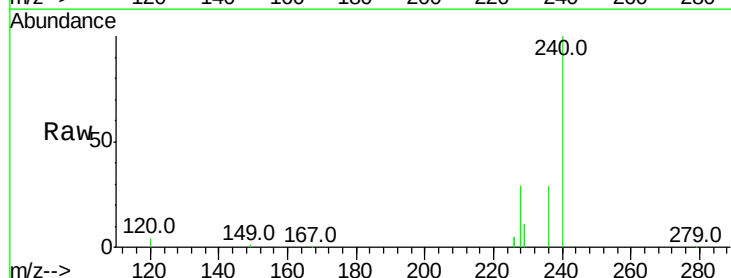
Tgt Ion:240 Resp: 67342

Ion Ratio Lower Upper

240 100

120 4.5 2.6 4.0#

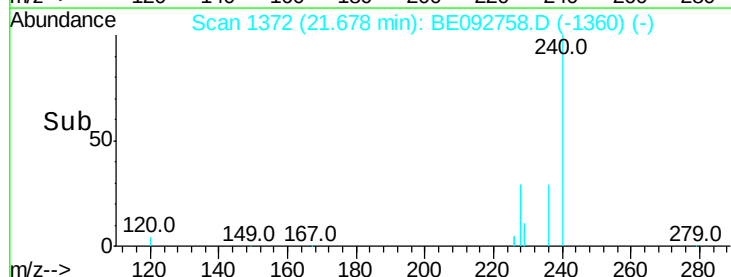
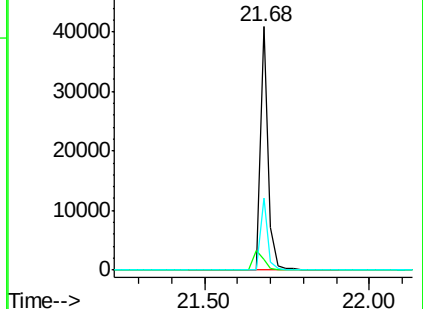
236 29.4 24.6 37.0

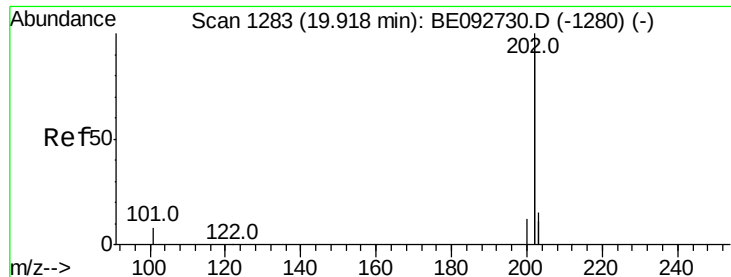


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 3.89 ng

RT: 19.90 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

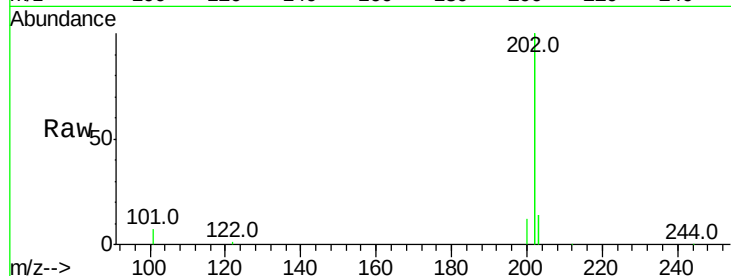
Tot Ion:202 Resp: 249240

Ion Ratio Lower Upper

202 100

200 5.4 4.2 6.4

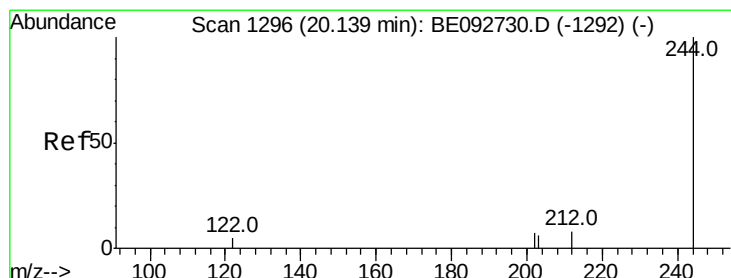
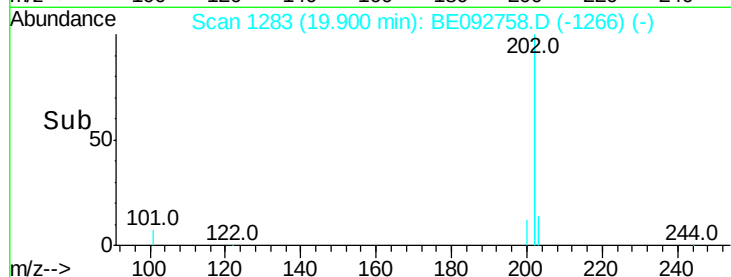
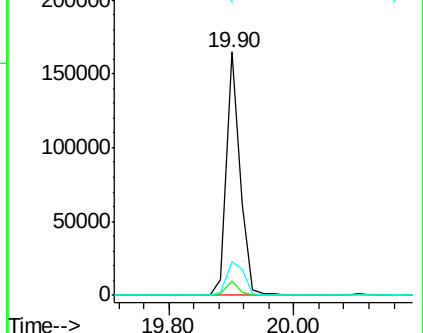
203 17.9 13.9 20.9



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: 4.11 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

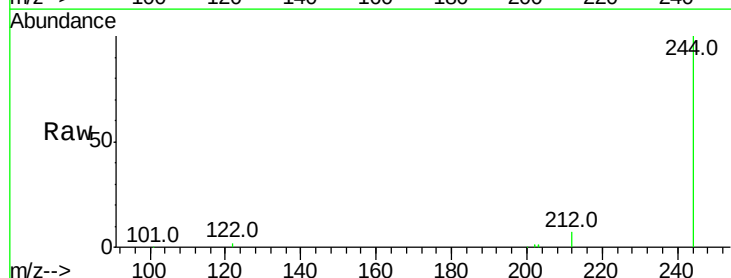
Tgt Ion:244 Resp: 35360

Ion Ratio Lower Upper

244 100

212 7.0 6.7 10.1

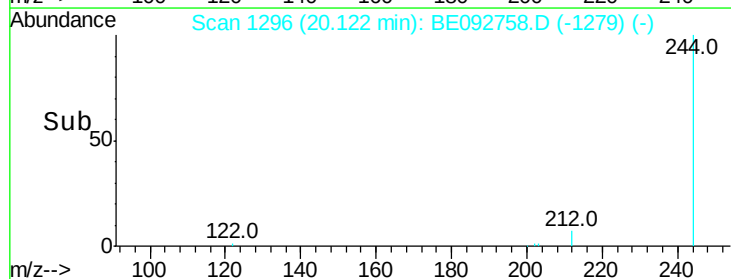
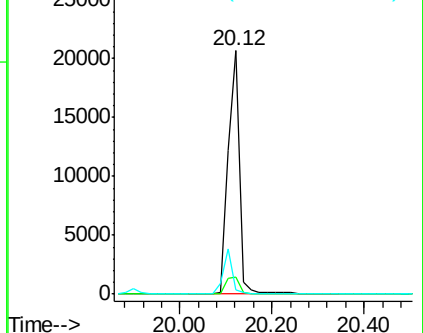
122 1.8 3.6 5.4#

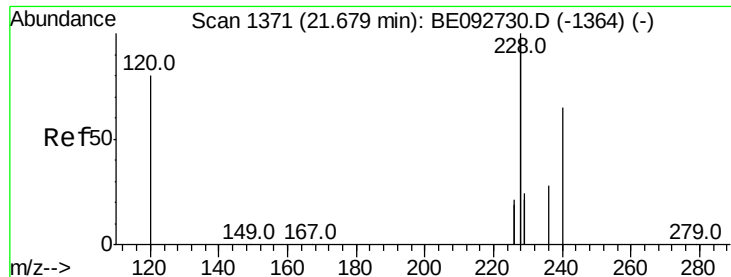


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

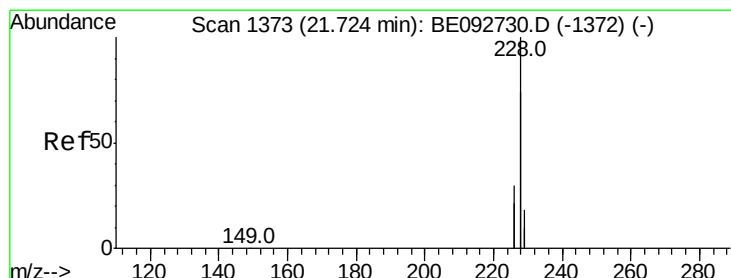
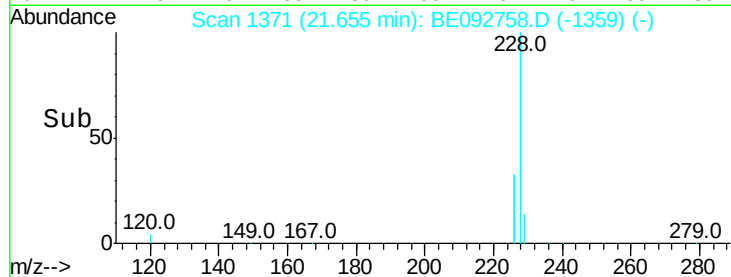
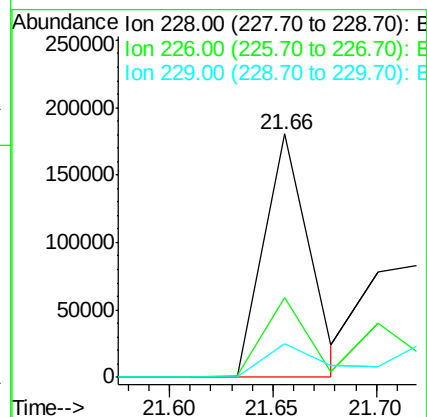
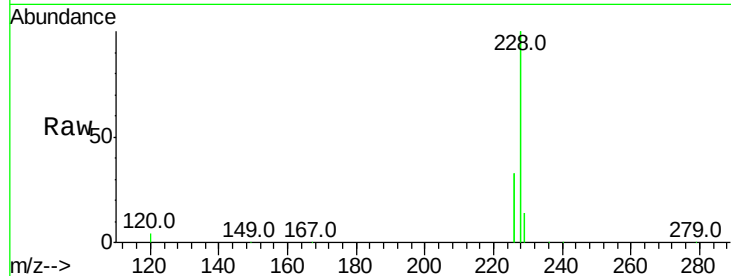




#27
Benzo(a)anthracene
Concen: 4.27 ng m
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092758.D
Acq: 24 Feb 2017 13:46

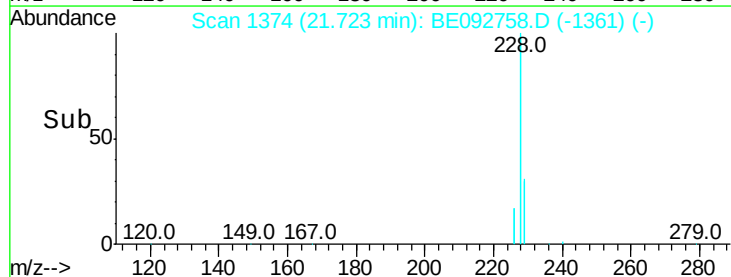
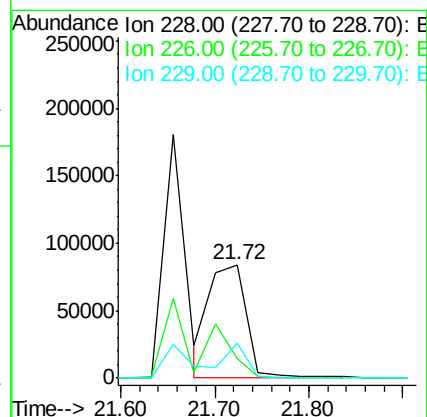
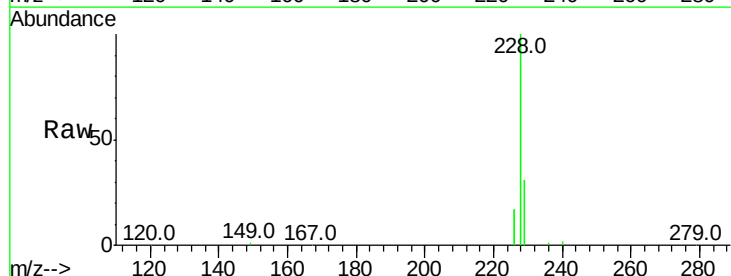
Instrument :
BNA_E
ClientSampleId :
PB97149BSD

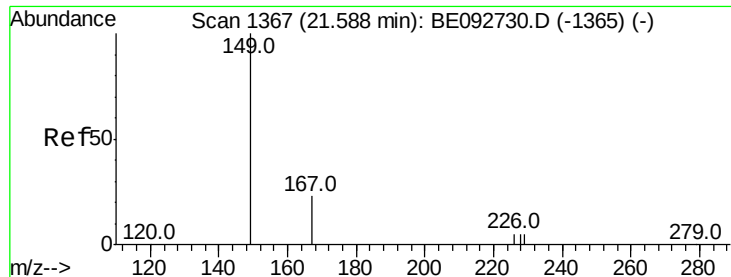
Tot Ion:228 Resp: 278953
Ion Ratio Lower Upper
228 100
226 32.7 23.6 35.4
229 13.8 13.3 19.9



#28
Chrysene
Concen: 3.02 ng m
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092758.D
Acq: 24 Feb 2017 13:46

Tgt Ion:228 Resp: 233576
Ion Ratio Lower Upper
228 100
226 17.4 36.3 54.5#
229 30.8 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.82 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

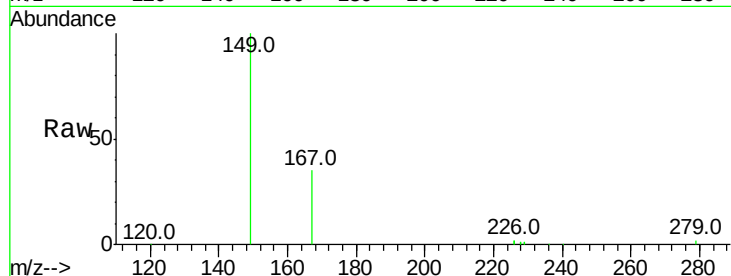
Tot Ion:149 Resp: 34351

Ion Ratio Lower Upper

149 100

167 31.8 16.0 24.0#

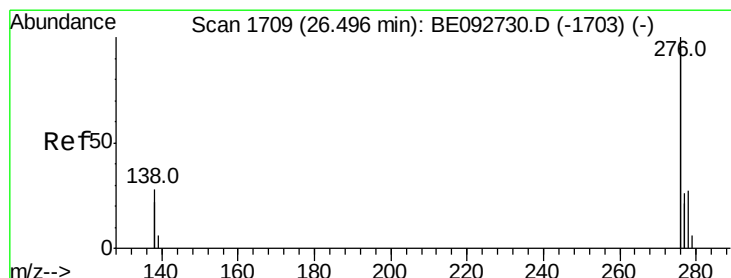
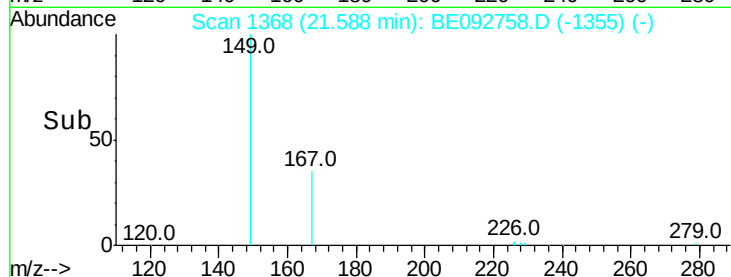
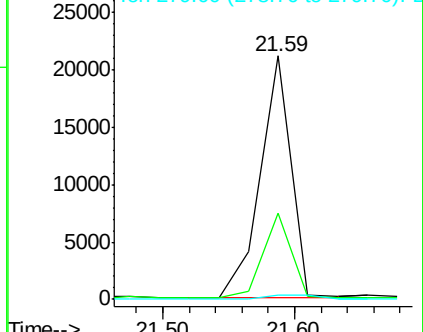
279 2.3 16.0 24.0#



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: 4.71 ng

RT: 26.45 min Scan# 1707

Delta R.T. -0.05 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

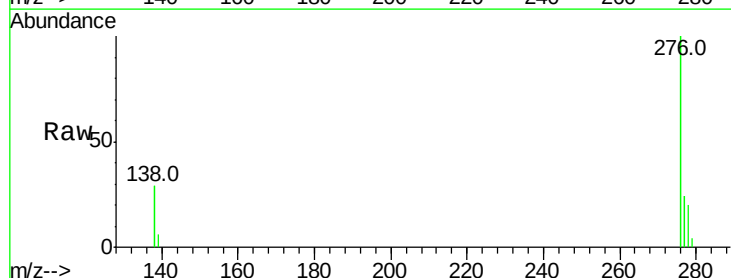
Tgt Ion:276 Resp: 378423

Ion Ratio Lower Upper

276 100

138 27.9 20.3 30.5

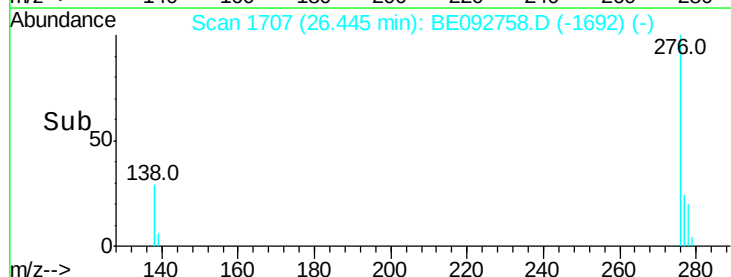
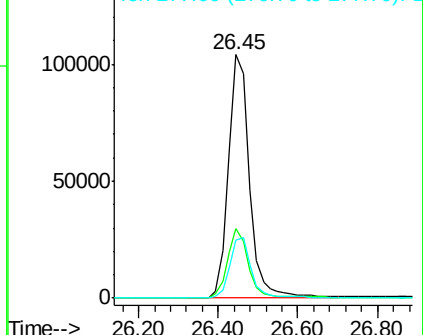
277 24.9 19.7 29.5

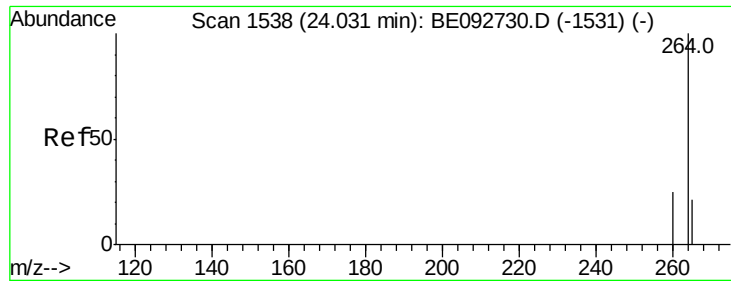


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



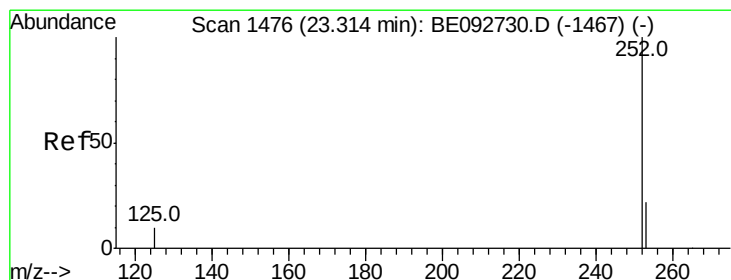
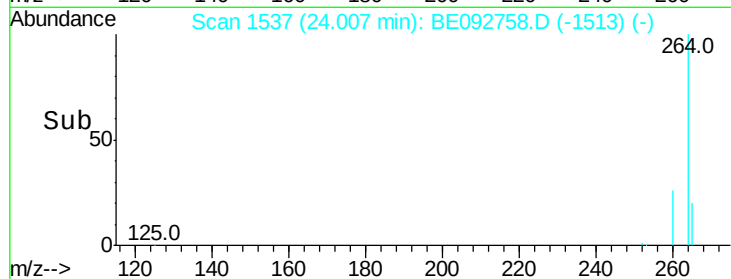
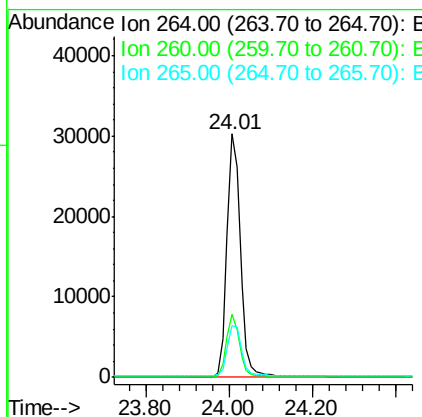
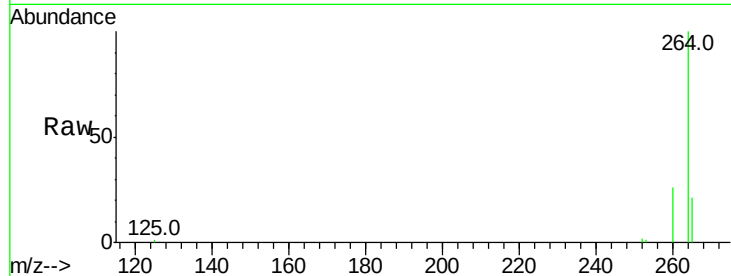


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092758.D
Acq: 24 Feb 2017 13:46

Instrument :
BNA_E
ClientSampleId :
PB97149BSD

Tot Ion:264 Resp: 68399

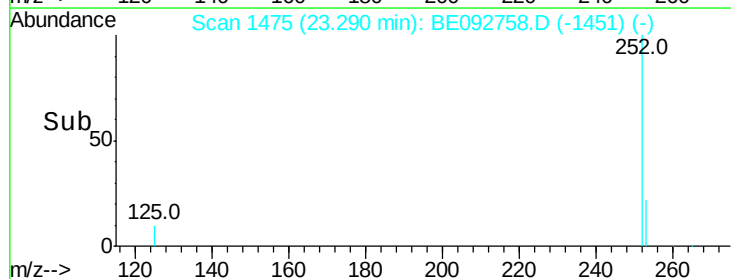
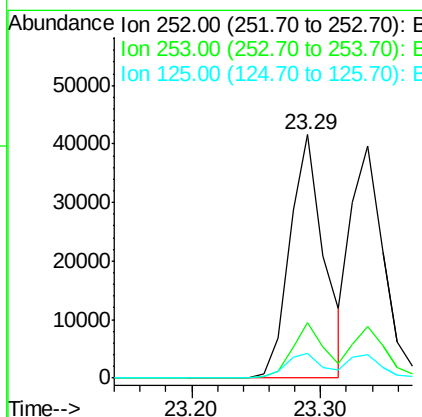
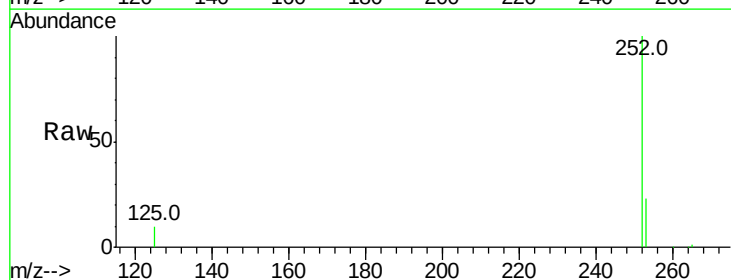
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.1	17.9	26.9

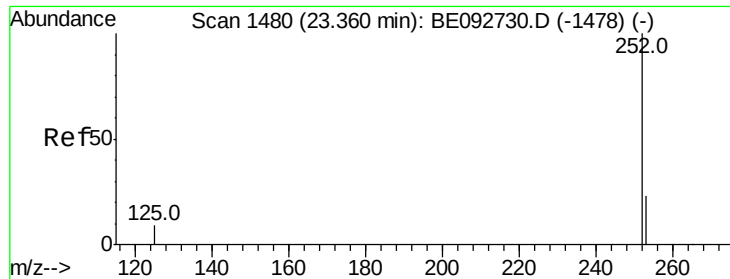


#32
Benzo(b)fluoranthene
Concen: 4.26 ng
RT: 23.29 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE092758.D
Acq: 24 Feb 2017 13:46

Tgt Ion:252 Resp: 76453

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	10.2	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 3.75 ng

RT: 23.34 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

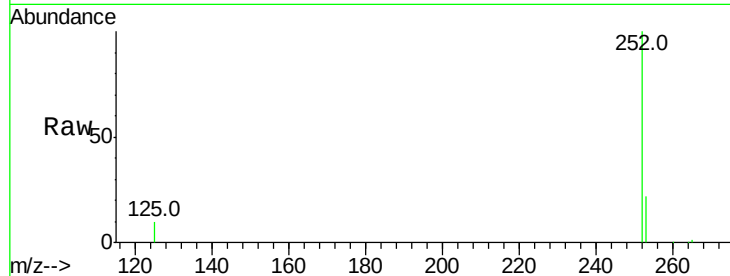
Tot Ion:252 Resp: 71778

Ion Ratio Lower Upper

252 100

253 22.4 20.3 30.5

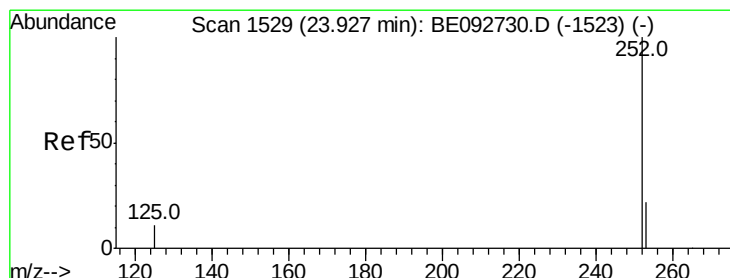
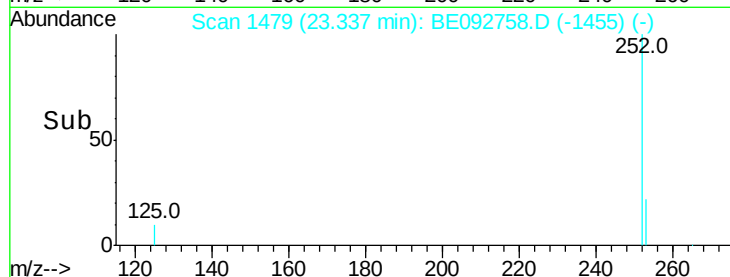
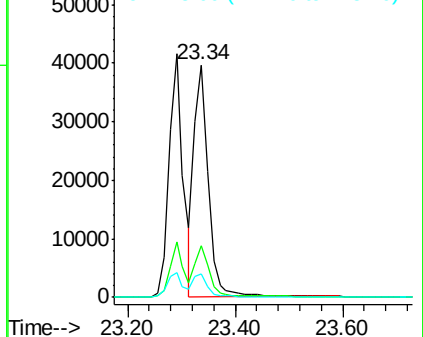
125 10.2 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 4.28 ng

RT: 23.90 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

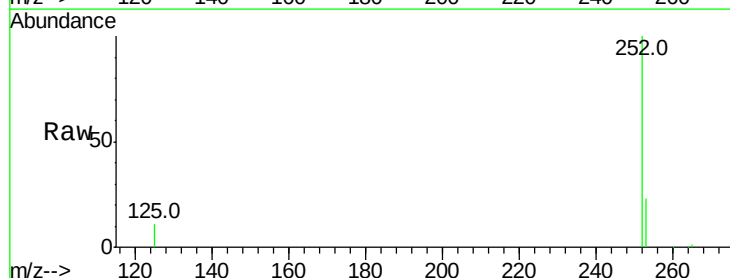
Tgt Ion:252 Resp: 75275

Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

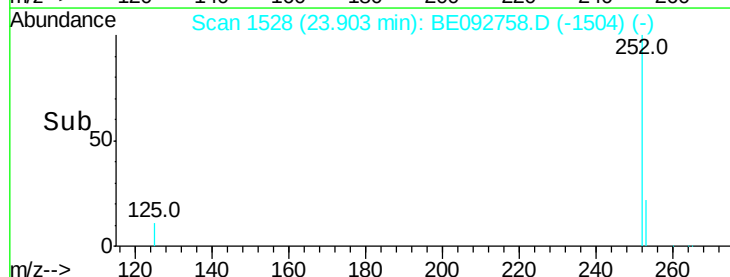
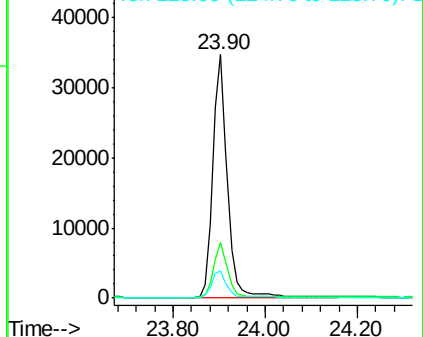
125 11.3 11.8 17.8#

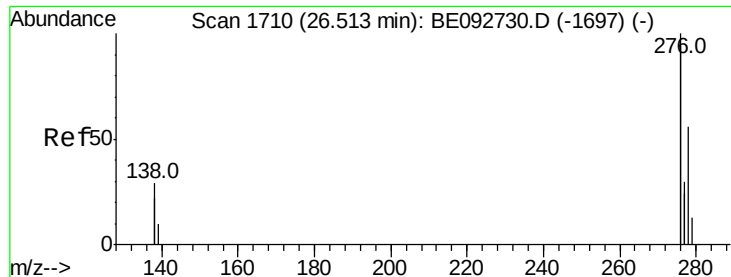


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 4.54 ng

RT: 26.46 min Scan# 1708

Delta R.T. -0.05 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

Instrument :

BNA_E

ClientSampleId :

PB97149BSD

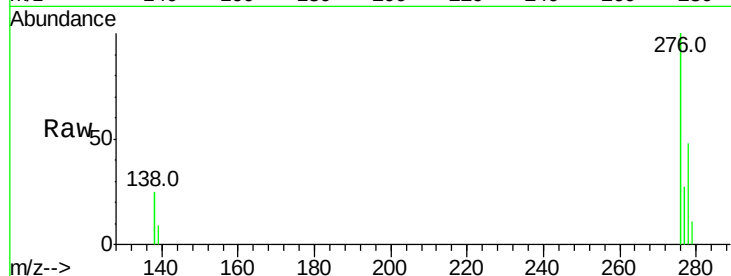
Tot Ion:278 Resp: 78532

Ion Ratio Lower Upper

278 100

139 19.8 13.8 20.8

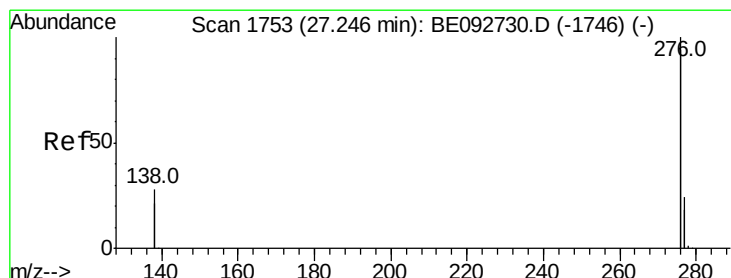
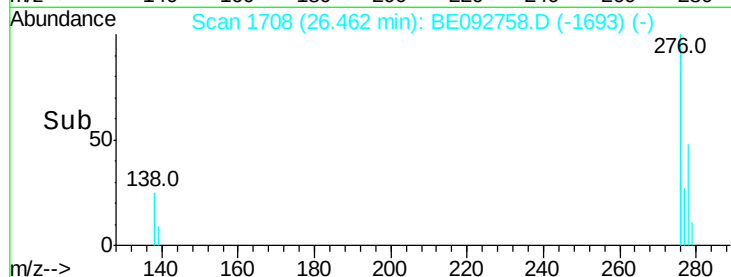
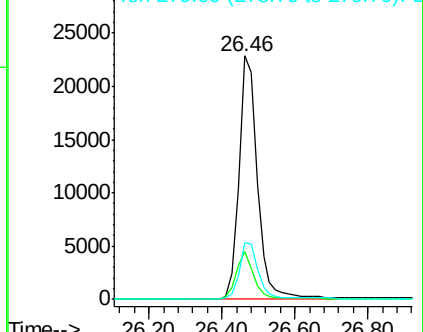
279 23.2 21.4 32.2



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: 4.54 ng

RT: 27.19 min Scan# 1751

Delta R.T. -0.05 min

Lab File: BE092758.D

Acq: 24 Feb 2017 13:46

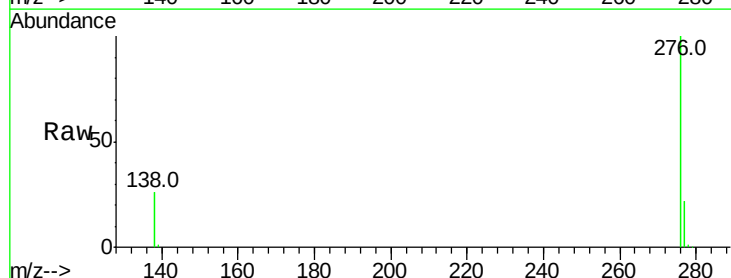
Tgt Ion:276 Resp: 325313

Ion Ratio Lower Upper

276 100

277 22.3 19.8 29.8

138 25.7 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

