

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
 Data File : BE092591.D
 Acq On : 9 Dec 2016 13:34
 Operator : UM/SJ
 Sample : PB95153BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95153BS

Quant Time: Dec 09 23:07:10 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10191	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	45582	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	28015	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	48587	5.00	ng	0.00
24) Chrysene-d12	21.72	240	64739	5.00	ng	0.00
31) Perylene-d12	24.08	264	56208	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	19399	11.27	ng	-0.02
5) Phenol-d6	7.31	99	28686	9.96	ng	-0.05
8) Nitrobenzene-d5	9.32	82	13099	4.44	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	6289	10.01	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	30719	4.50	ng	-0.02
26) Terphenyl-d14	20.16	244	35246	4.76	ng	-0.02

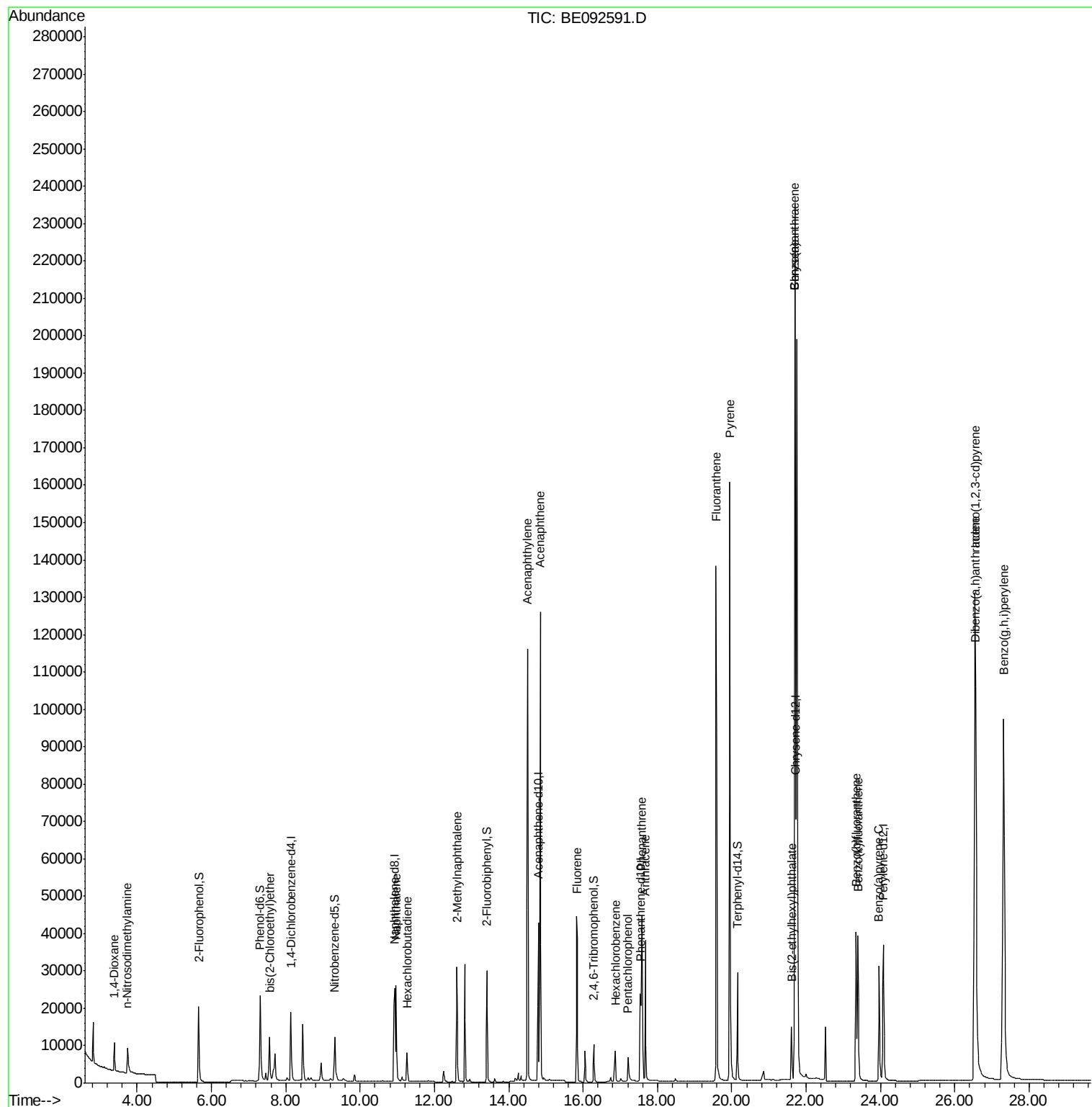
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	4282	3.55	ng	# 57
3) n-Nitrosodimethylamine	3.73	42	6766	4.00	ng	# 93
6) bis(2-Chloroethyl)ether	7.57	93	11489	3.71	ng	# 89
9) Naphthalene	10.97	128	36808	3.91	ng	# 94
10) Hexachlorobutadiene	11.26	225	5582	3.90	ng	99
11) 2-Methylnaphthalene	12.60	142	24343	4.06	ng	92
15) Acenaphthylene	14.51	152	159630	4.09	ng	100
16) Acenaphthene	14.85	154	24038	3.78	ng	92
17) Fluorene	15.84	166	30936	3.92	ng	98
19) Hexachlorobenzene	16.87	284	9447	4.93	ng	# 64
20) Pentachlorophenol	17.21	266	5928	6.89	ng	# 86
21) Phenanthrene	17.58	178	53867	4.96	ng	# 94
22) Anthracene	17.67	178	51223	5.00	ng	99
23) Fluoranthene	19.58	202	209677	4.13	ng	99
25) Pyrene	19.95	202	216701	4.21	ng	98
27) Benzo(a)anthracene	21.70	228	468772	7.59	ng	# 88
28) Chrysene	21.70	228	470556	8.55	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.61	149	19263	4.60	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.55	276	282021	4.69	ng	98
32) Benzo(b)fluoranthene	23.35	252	56865	4.17	ng	# 96
33) Benzo(k)fluoranthene	23.39	252	55727	3.90	ng	94
34) Benzo(a)pyrene	23.96	252	54751	4.34	ng	94
35) Dibenzo(a,h)anthracene	26.56	278	58885	4.72	ng	96
36) Benzo(g,h,i)perylene	27.31	276	245858	4.65	ng	97

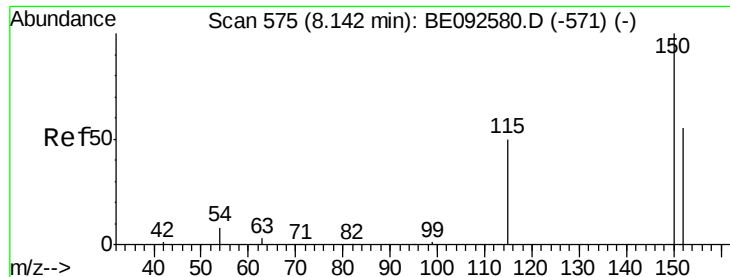
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

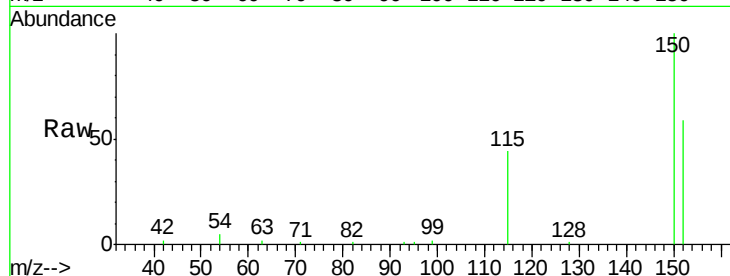
Tgt Ion:152 Resp: 10191

Ion Ratio Lower Upper

152 100

150 170.6 106.0 159.0#

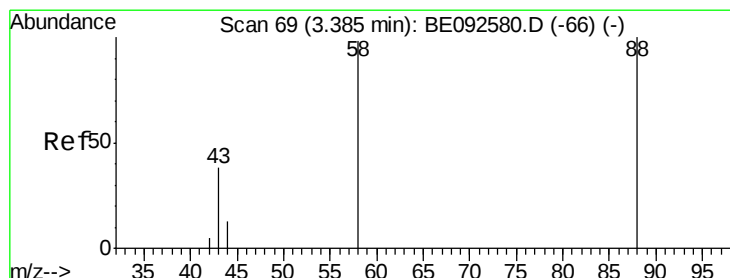
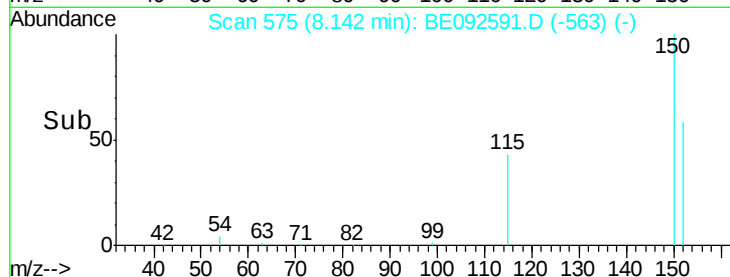
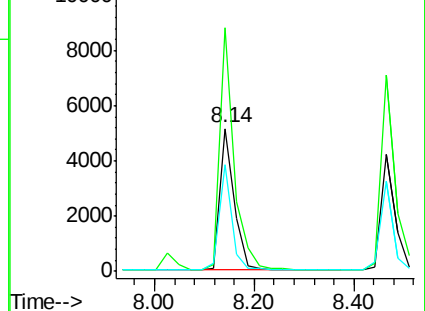
115 74.3 31.2 46.8#



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: 3.55 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

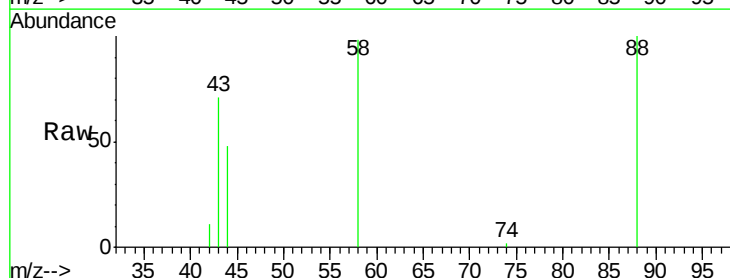
Tgt Ion: 88 Resp: 4282

Ion Ratio Lower Upper

88 100

58 99.1 63.6 95.4#

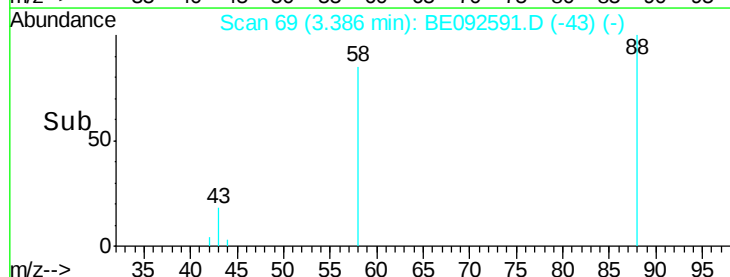
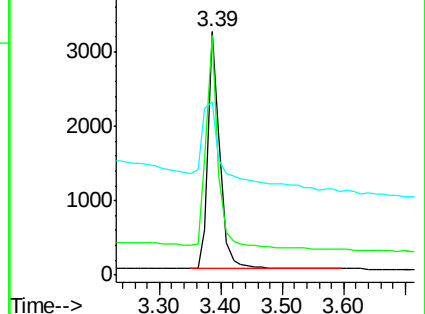
43 87.0 28.0 42.0#

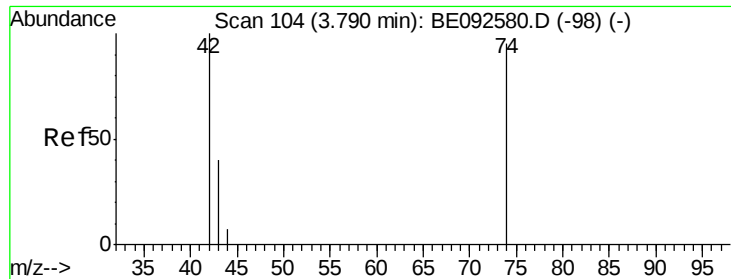


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.00 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.05 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

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PB95153BS

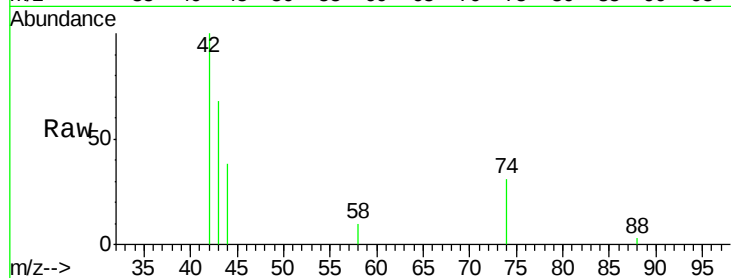
Tgt Ion: 42 Resp: 6766

Ion Ratio Lower Upper

42 100

74 101.0 86.0 129.0

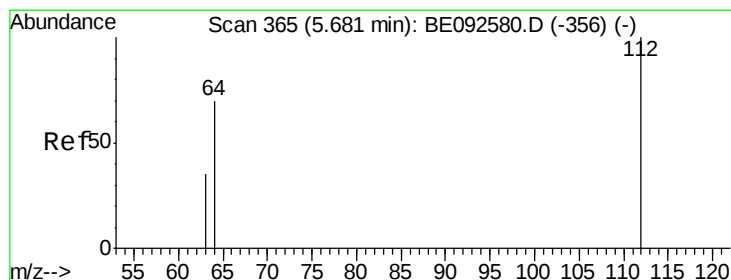
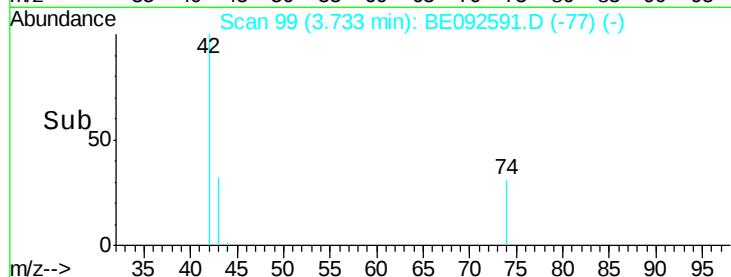
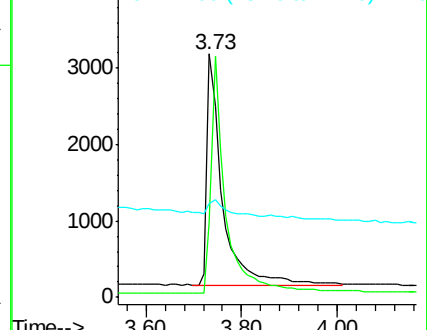
44 14.8 5.1 7.7#



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: 11.27 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

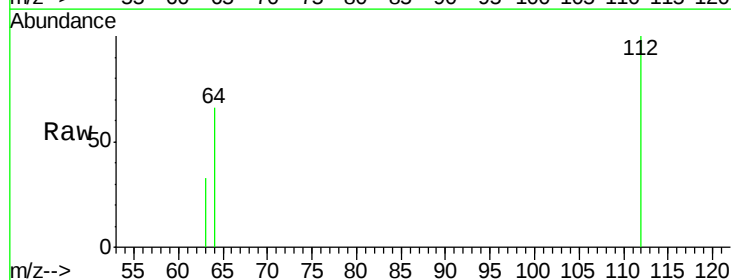
Tgt Ion: 112 Resp: 19399

Ion Ratio Lower Upper

112 100

64 68.3 53.5 80.3

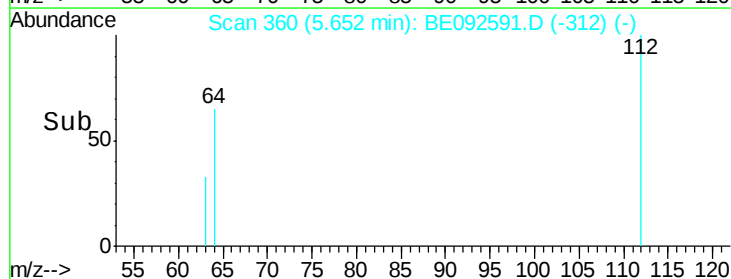
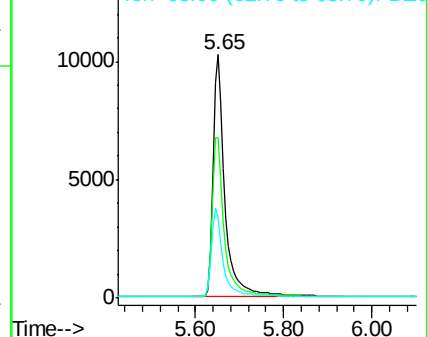
63 36.8 27.9 41.9

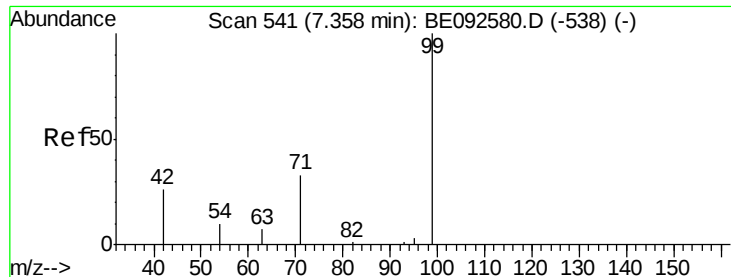


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.96 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

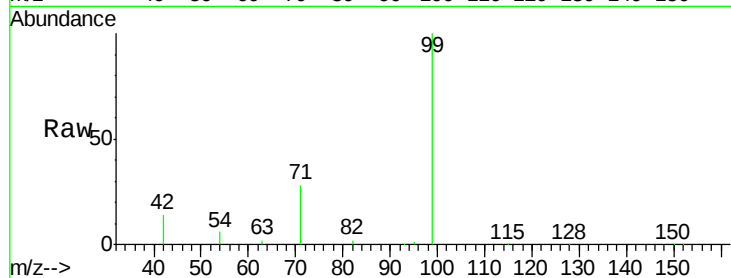
Tgt Ion: 99 Resp: 28686

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

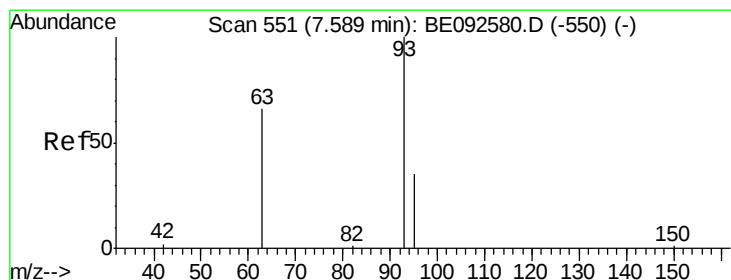
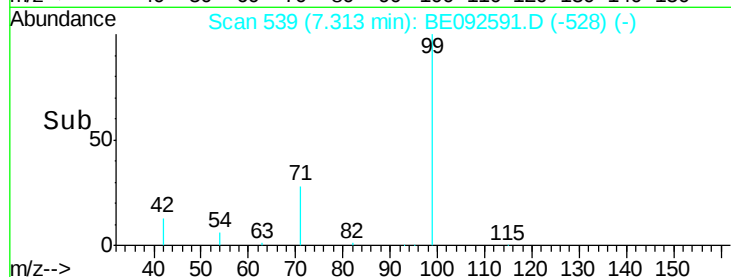
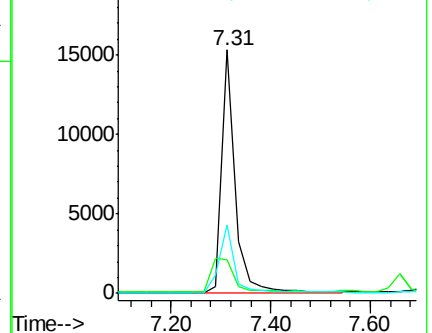
71 31.2 30.6 45.8



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: 3.71 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

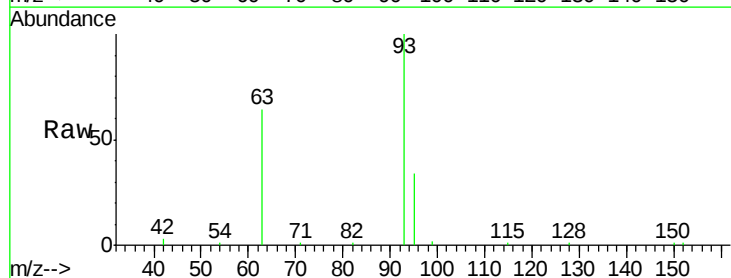
Tgt Ion: 93 Resp: 11489

Ion Ratio Lower Upper

93 100

63 77.8 71.6 107.4

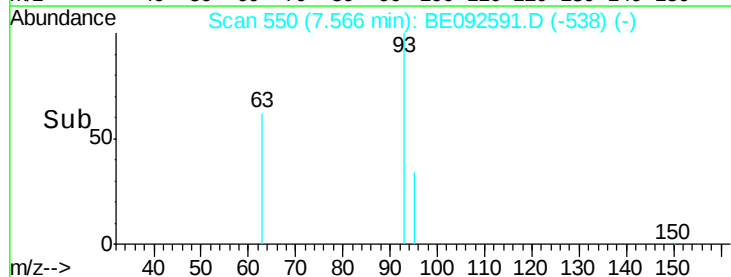
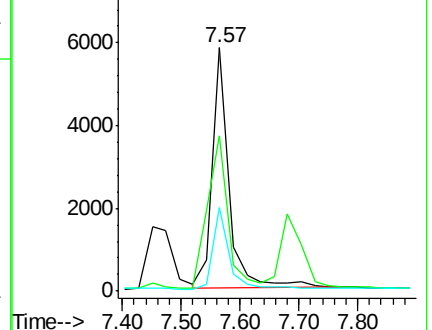
95 33.4 24.0 36.0

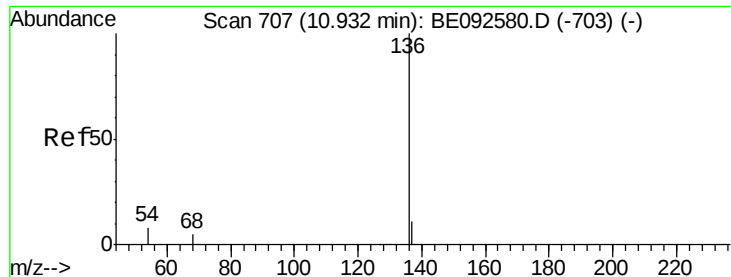


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

Tgt Ion:136 Resp: 45582

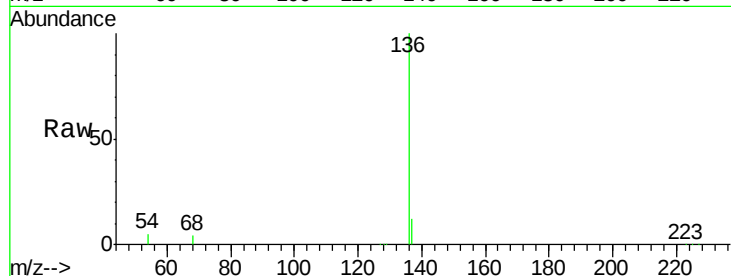
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.4

54 4.6 9.6 14.4#

68 3.6 6.7 10.1#

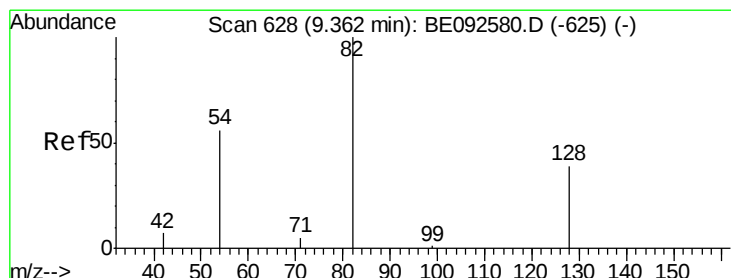
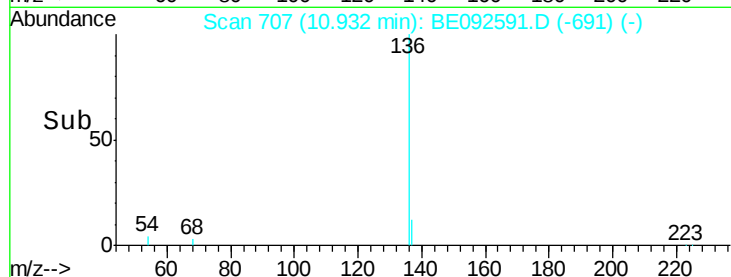
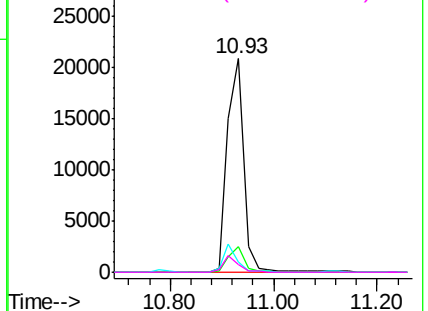


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.44 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

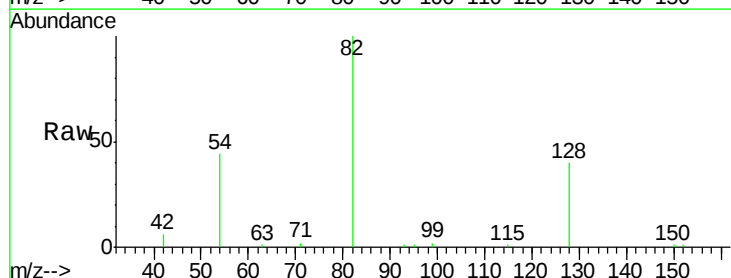
Tgt Ion: 82 Resp: 13099

Ion Ratio Lower Upper

82 100

128 39.5 39.0 58.4

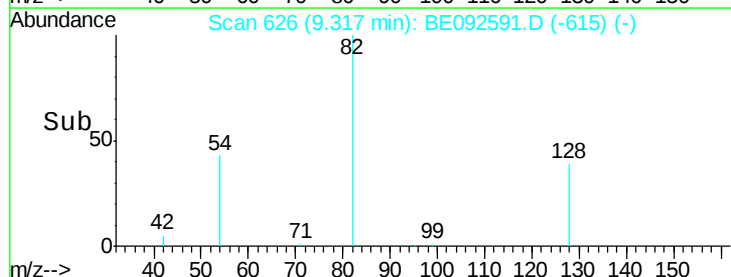
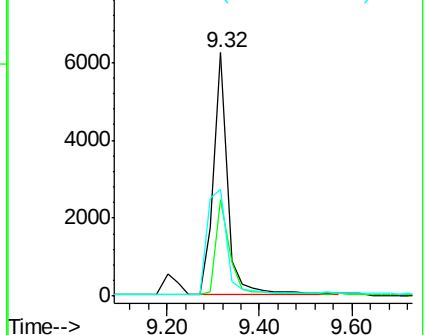
54 43.9 44.8 67.2#

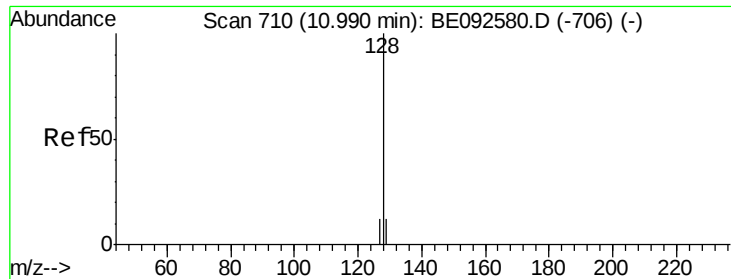


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.91 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

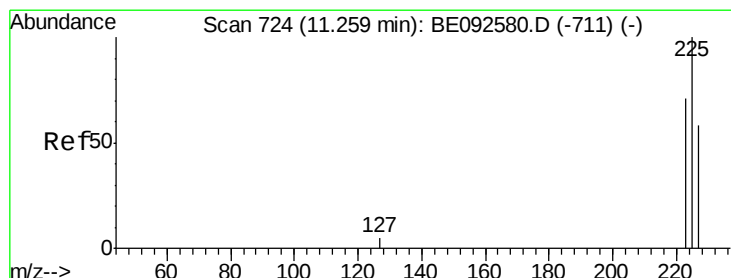
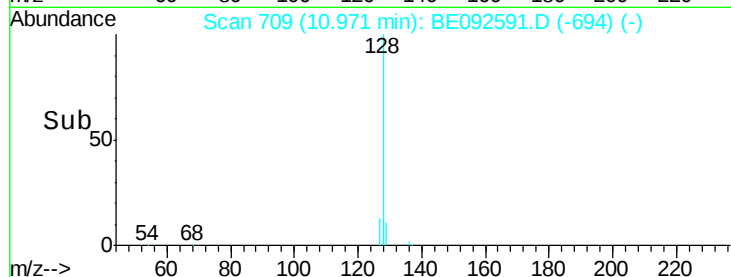
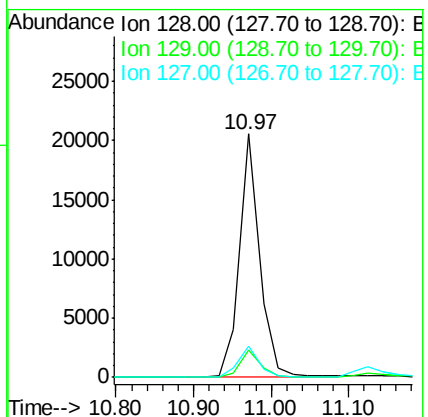
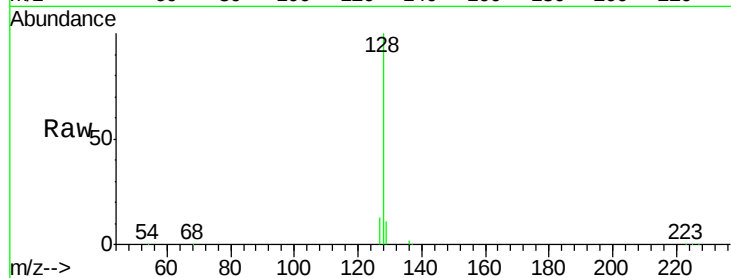
Tgt Ion:128 Resp: 36808

Ion Ratio Lower Upper

128 100

129 11.0 11.2 16.8#

127 12.9 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.90 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

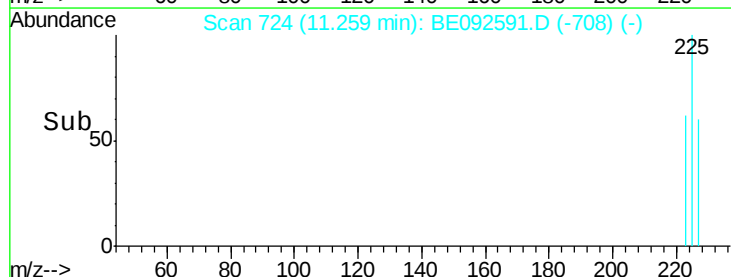
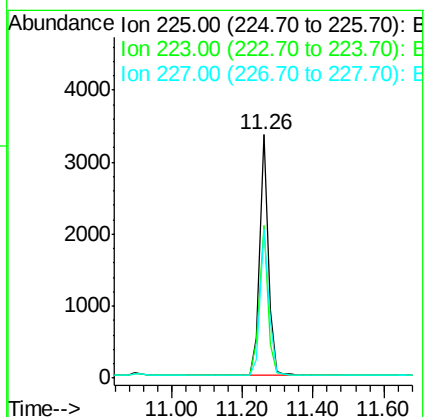
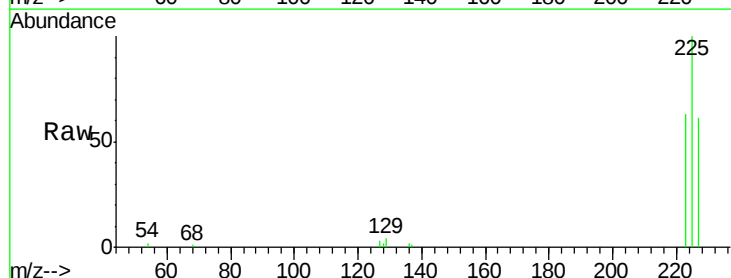
Tgt Ion:225 Resp: 5582

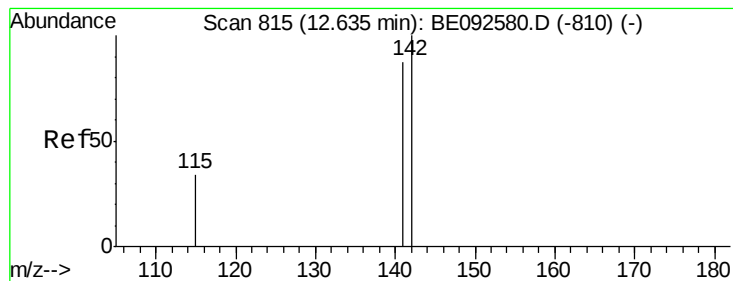
Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

227 63.1 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.06 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.04 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

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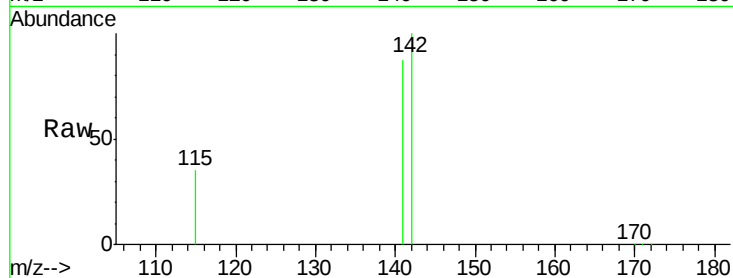
Tgt Ion:142 Resp: 24343

Ion Ratio Lower Upper

142 100

141 87.0 73.7 110.5

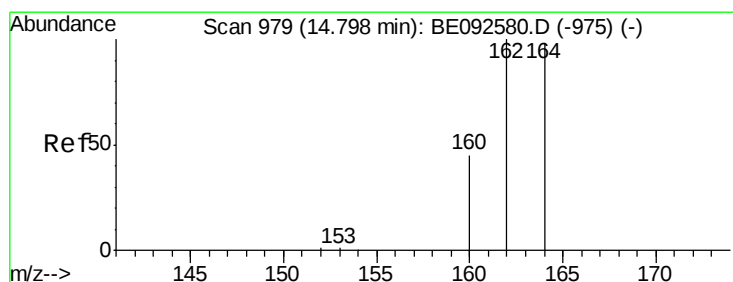
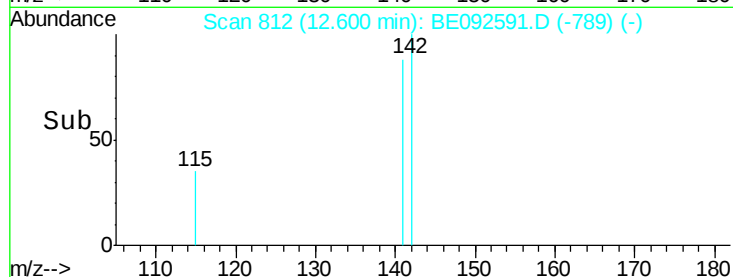
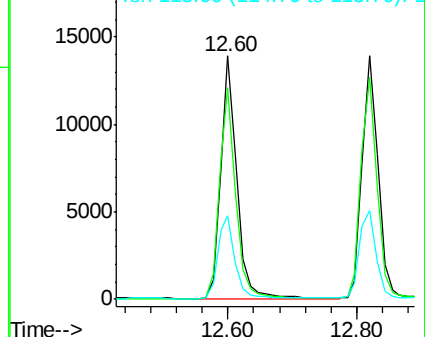
115 34.6 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

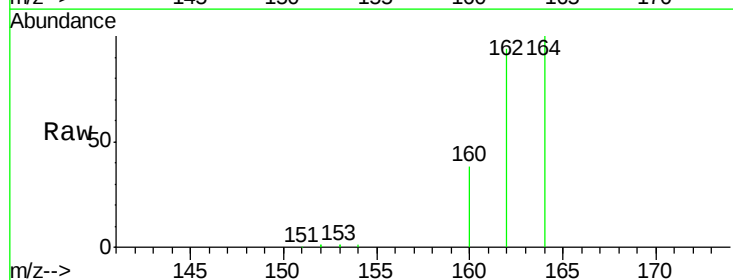
Tgt Ion:164 Resp: 28015

Ion Ratio Lower Upper

164 100

162 93.9 71.4 107.0

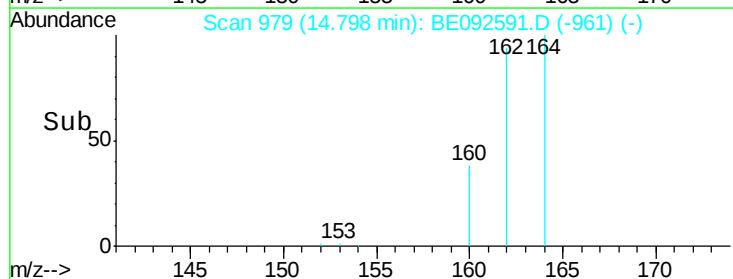
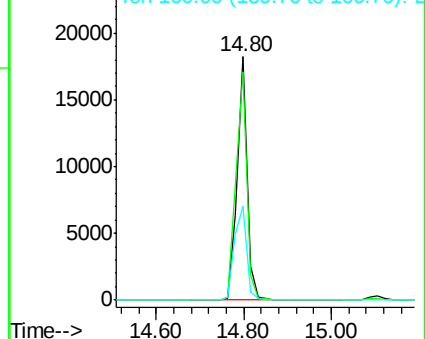
160 38.4 27.4 41.2

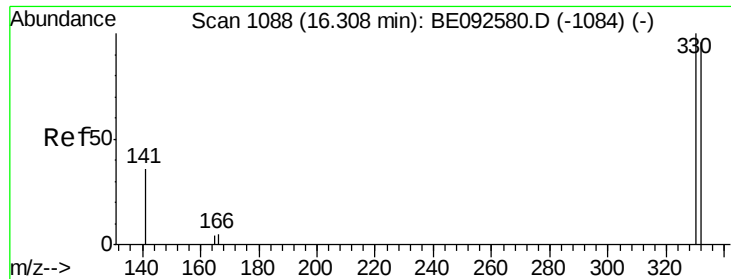


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

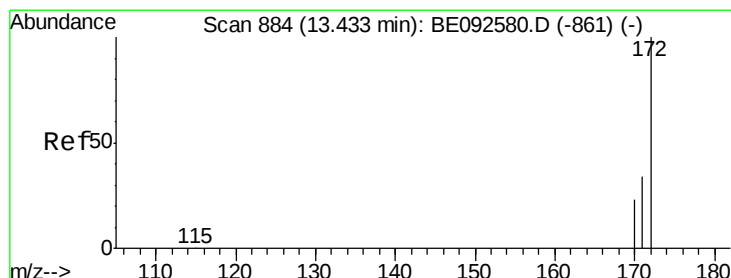
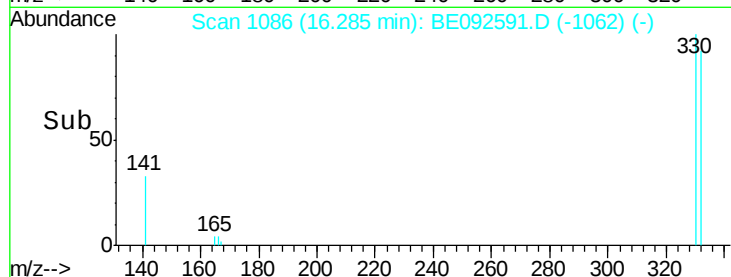
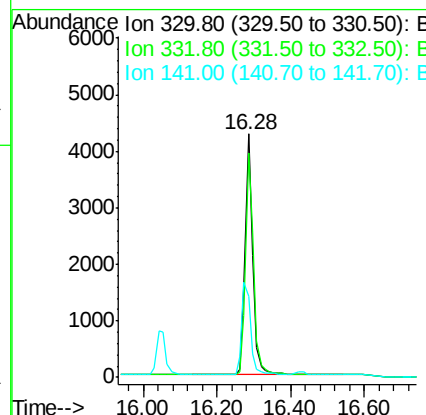
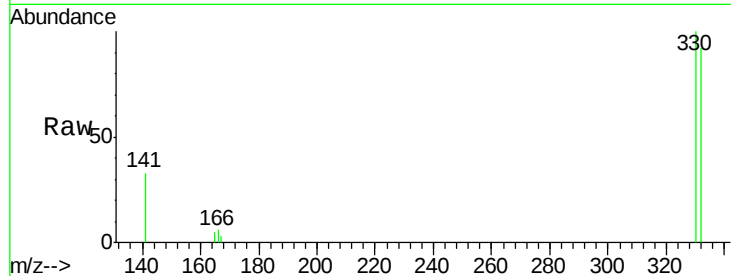




#13
 2,4,6-Tribromophenol
 Concen: 10.01 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092591.D
 Acq: 9 Dec 2016 13:34

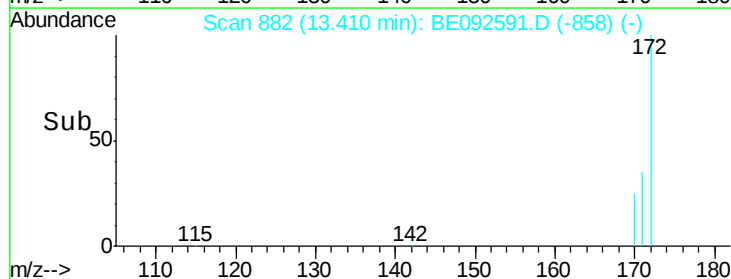
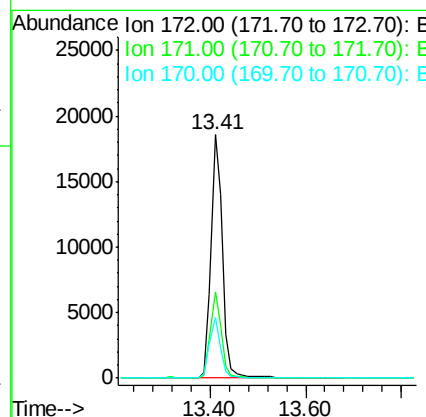
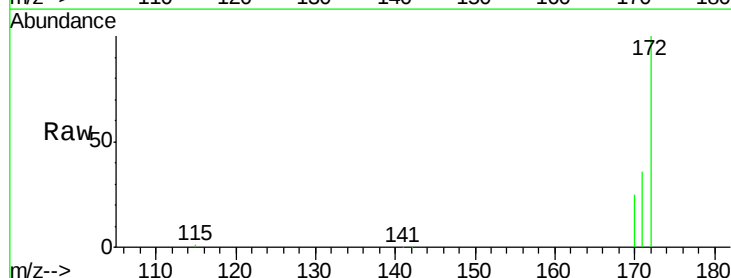
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BS

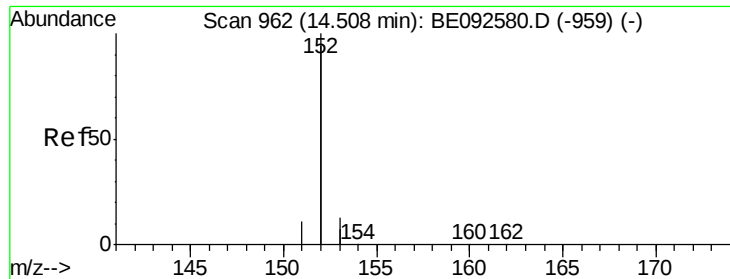
Tgt Ion:330 Resp: 6289
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.50 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092591.D
 Acq: 9 Dec 2016 13:34

Tgt Ion:172 Resp: 30719
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.1 45.1
 170 24.7 21.8 32.6

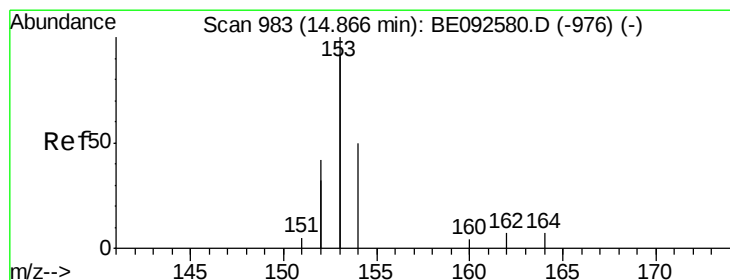
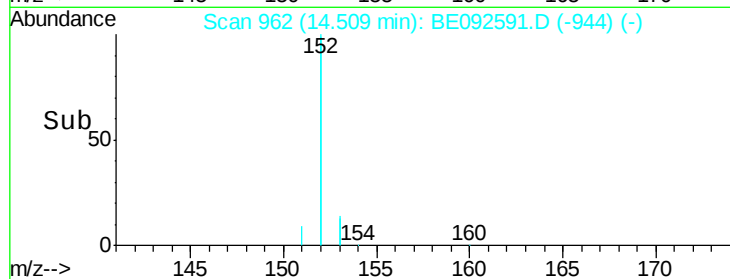
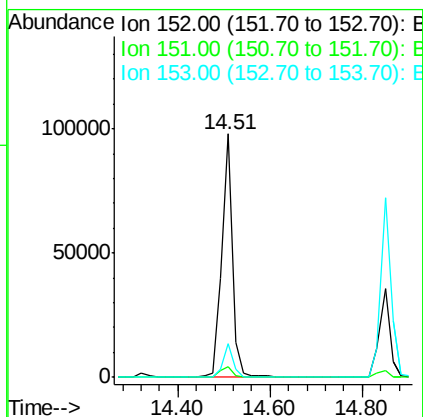
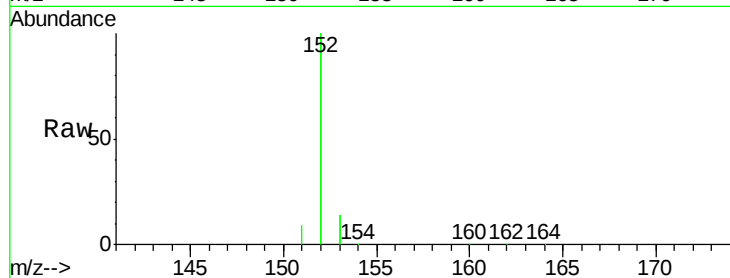




#15
Acenaphthylene
Concen: 4.09 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092591.D
Acq: 9 Dec 2016 13:34

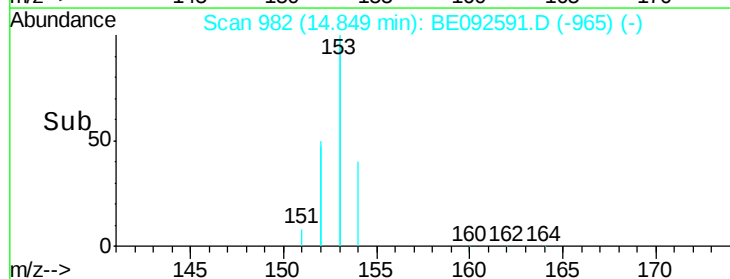
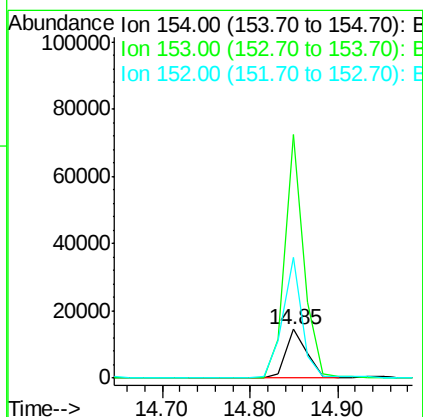
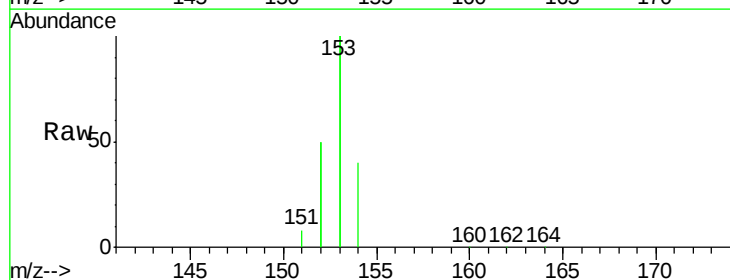
Instrument :
BNA_E
ClientSampleId :
PB95153BS

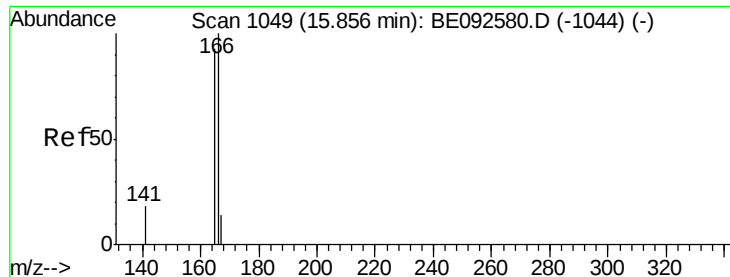
Tgt Ion:152 Resp: 159630
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 3.78 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.02 min
Lab File: BE092591.D
Acq: 9 Dec 2016 13:34

Tgt Ion:154 Resp: 24038
Ion Ratio Lower Upper
154 100
153 457.5 350.8 526.2
152 230.2 171.1 256.7

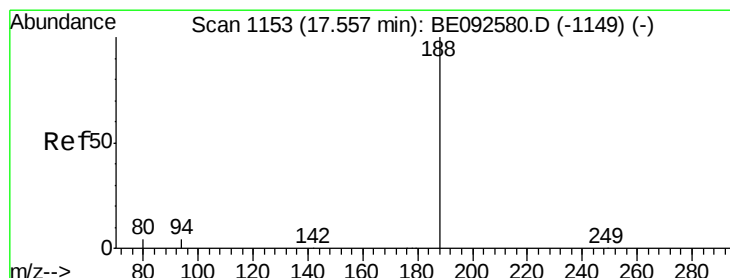
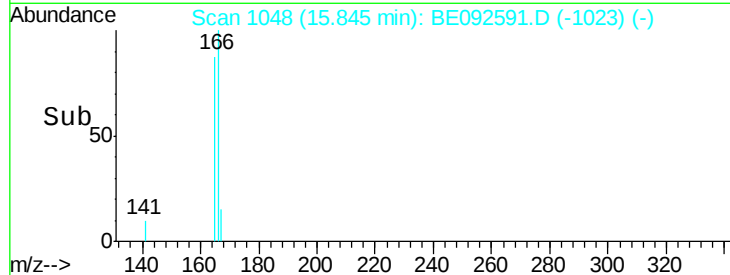
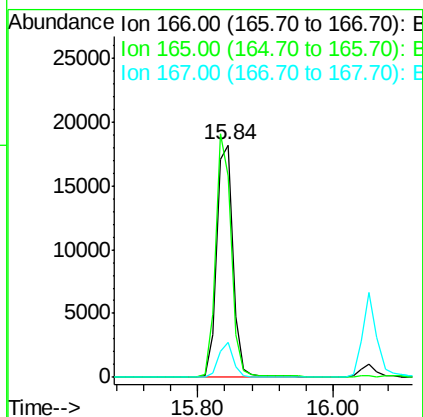
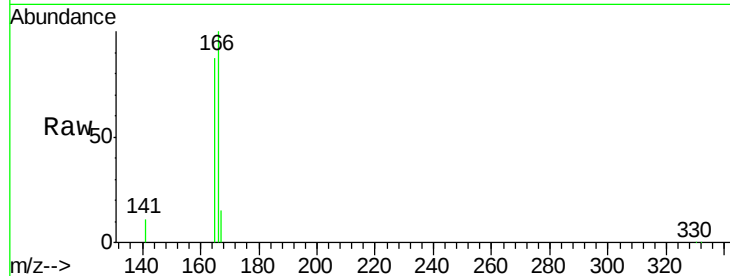




#17
Fluorene
 Concen: 3.92 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092591.D
 Acq: 9 Dec 2016 13:34

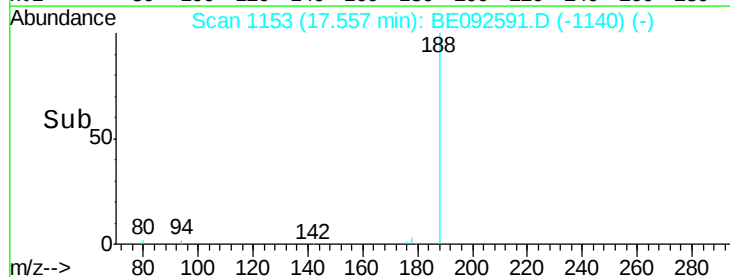
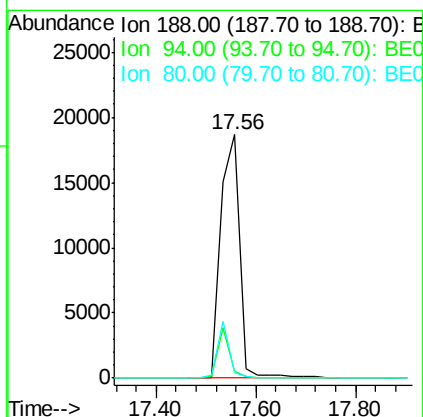
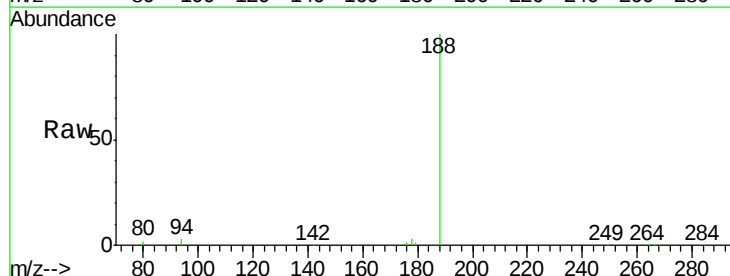
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BS

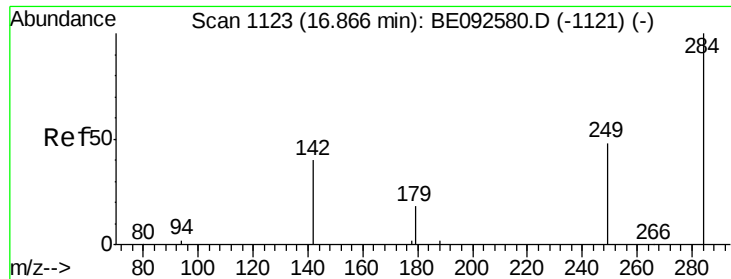
Tgt Ion:166 Resp: 30936
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092591.D
 Acq: 9 Dec 2016 13:34

Tgt Ion:188 Resp: 48587
 Ion Ratio Lower Upper
 188 100
 94 2.6 3.2 4.8#
 80 2.2 2.6 3.8#





#19

Hexachlorobenzene

Concen: 4.93 ng

RT: 16.87 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

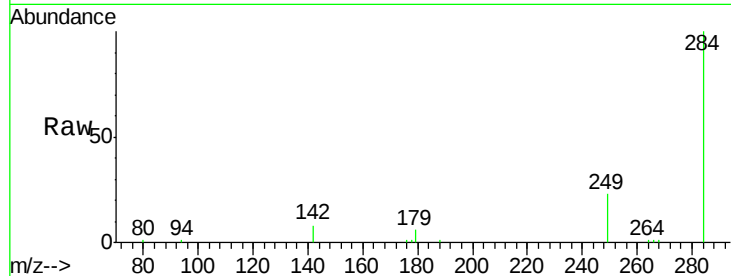
Tgt Ion:284 Resp: 9447

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

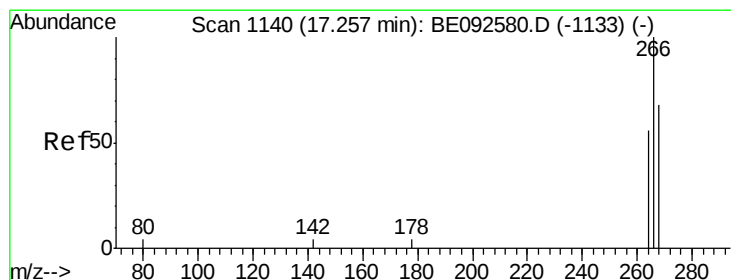
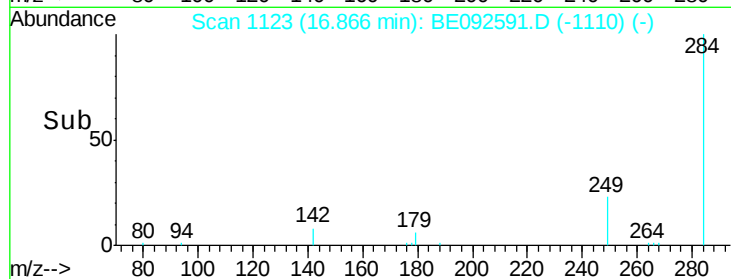
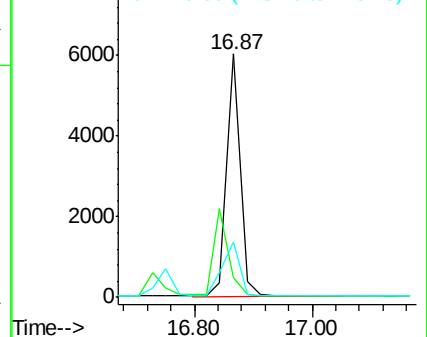
249 29.9 27.9 41.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 6.89 ng

RT: 17.21 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

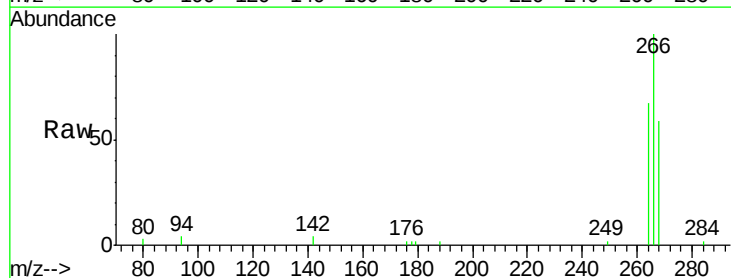
Tgt Ion:266 Resp: 5928

Ion Ratio Lower Upper

266 100

268 58.6 62.5 93.7#

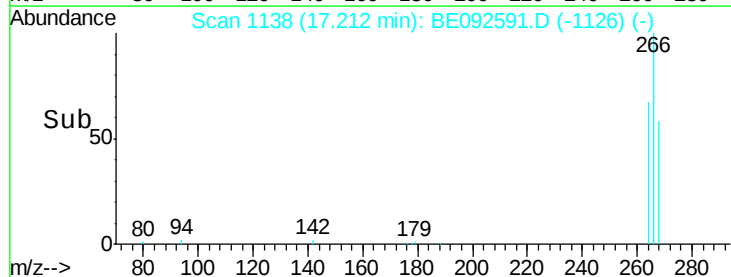
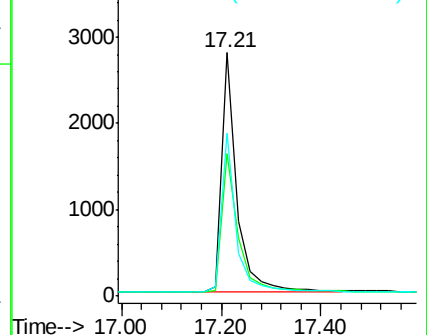
264 67.1 57.2 85.8

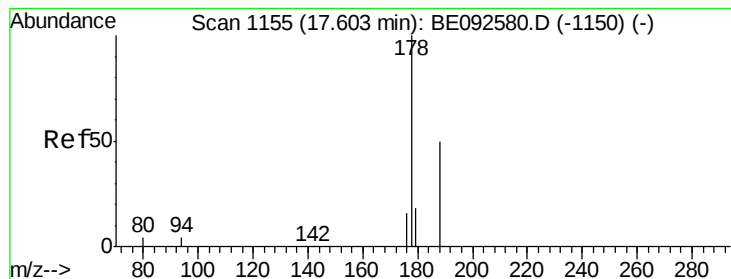


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 4.96 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

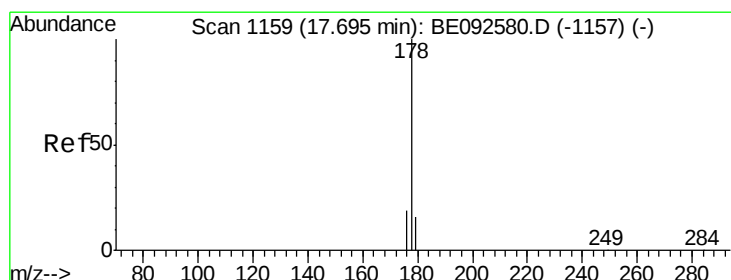
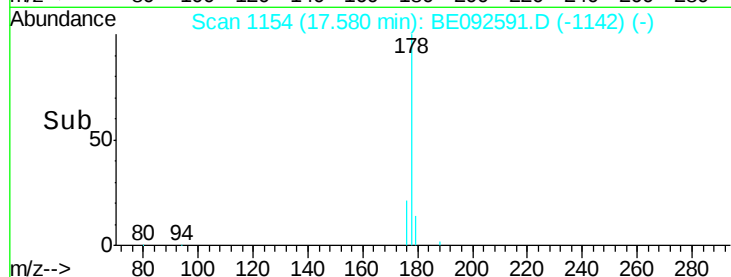
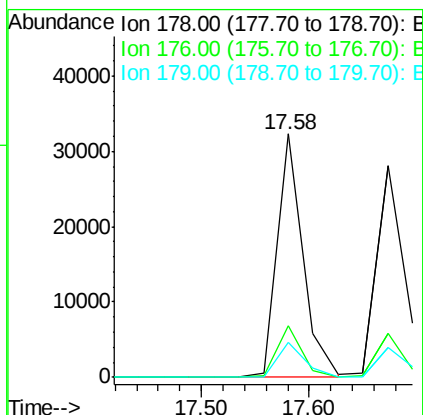
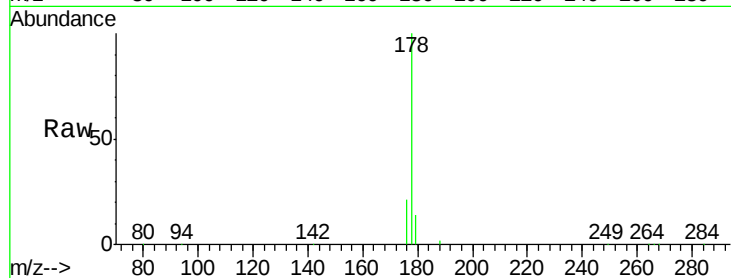
Tgt Ion:178 Resp: 53867

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.2 16.0 24.0#



#22

Anthracene

Concen: 5.00 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

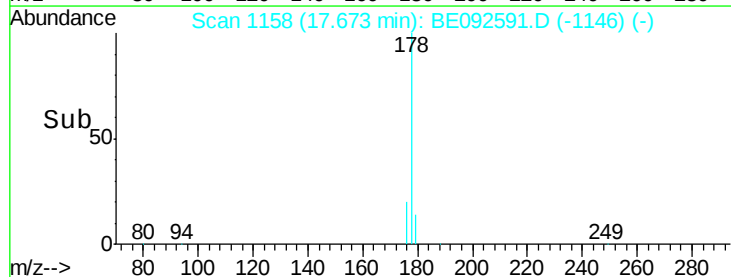
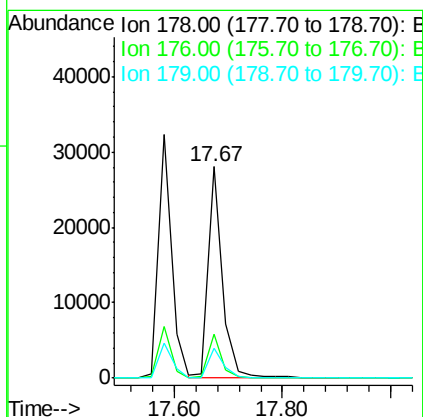
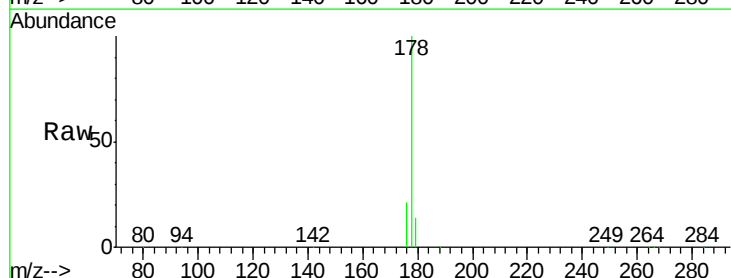
Tgt Ion:178 Resp: 51223

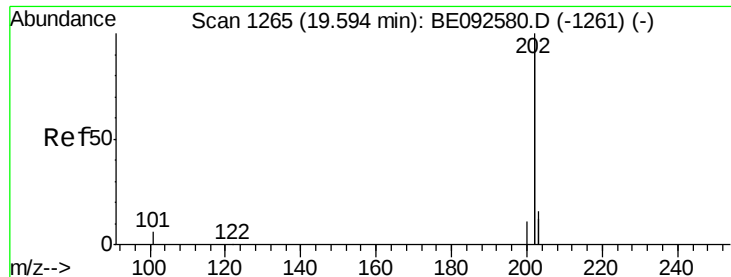
Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

179 14.9 12.2 18.2





#23

Fluoranthene

Concen: 4.13 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

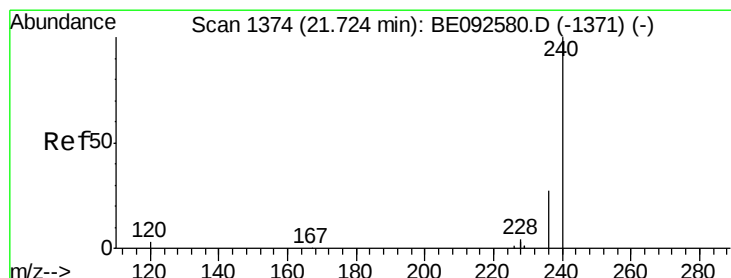
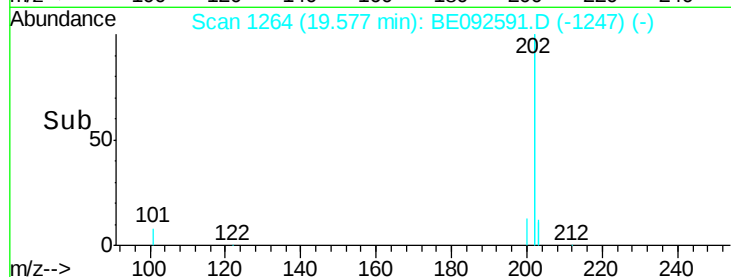
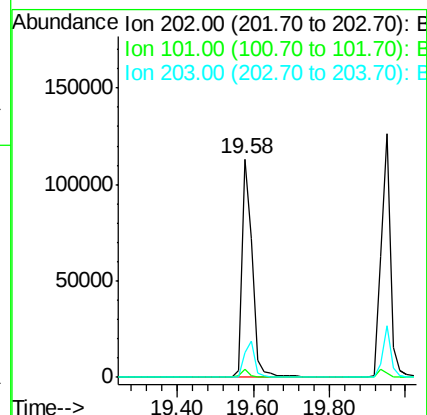
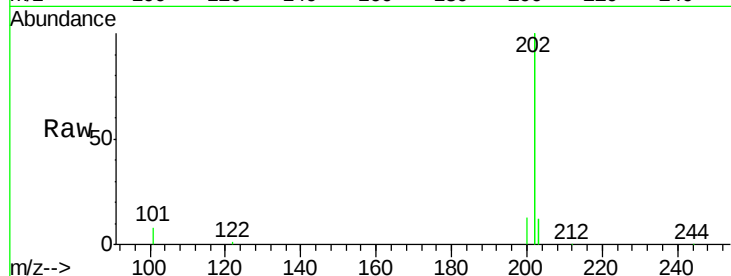
BNA_E

ClientSampleId :

PB95153BS

Tgt Ion:202 Resp: 209677

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.4	13.7	20.5



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

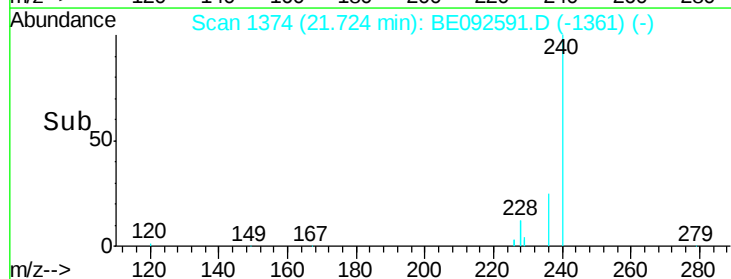
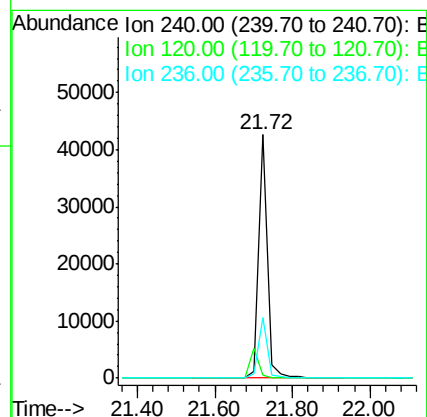
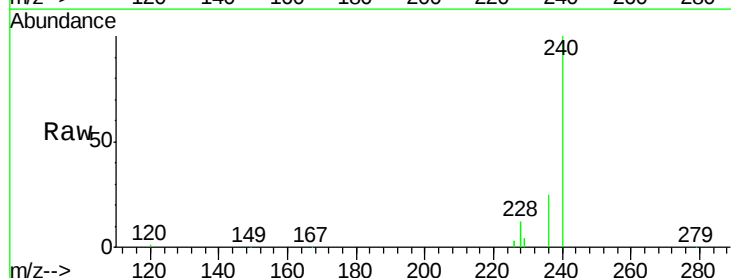
Delta R.T. 0.00 min

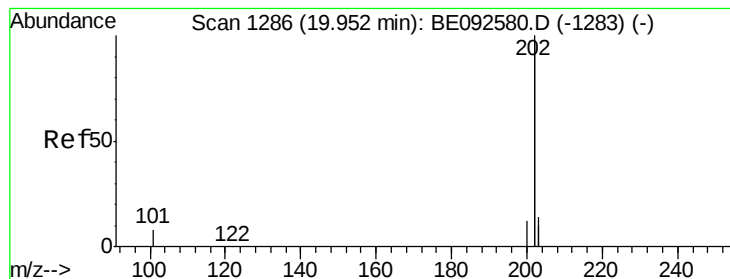
Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Tgt Ion:240 Resp: 64739

Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	25.1	24.6	37.0





#25

Pyrene

Concen: 4.21 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

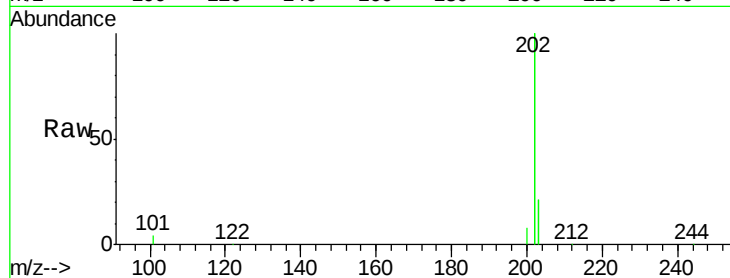
Tgt Ion:202 Resp: 216701

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

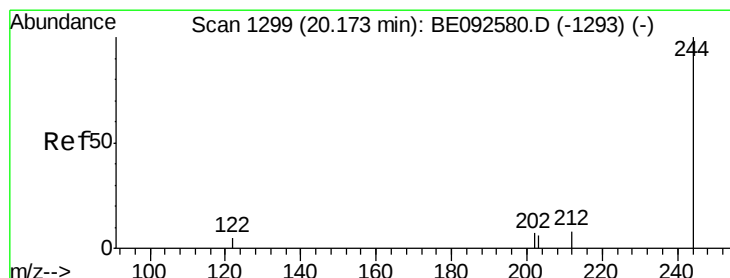
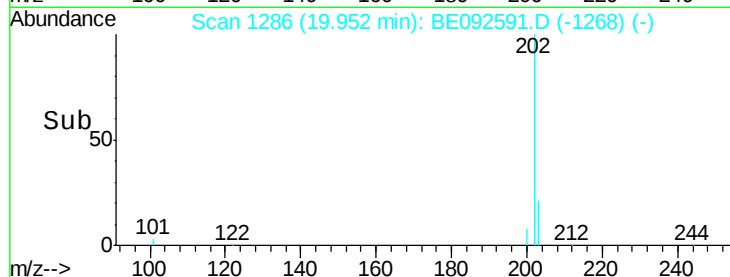
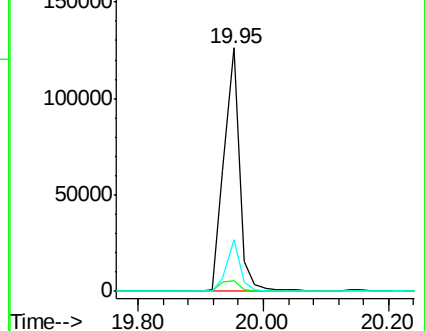
203 18.5 13.9 20.9



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: 4.76 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

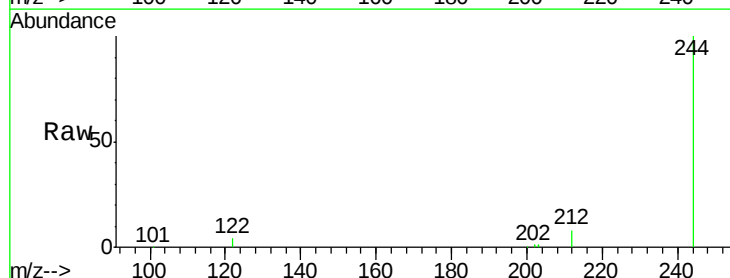
Tgt Ion:244 Resp: 35246

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

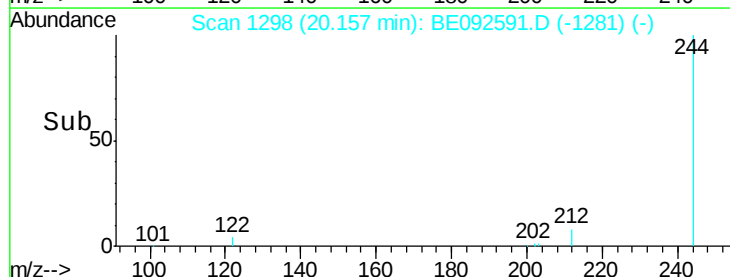
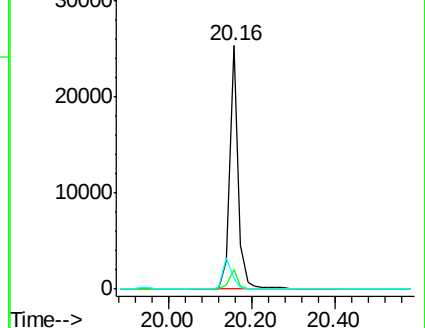
122 4.5 3.6 5.4

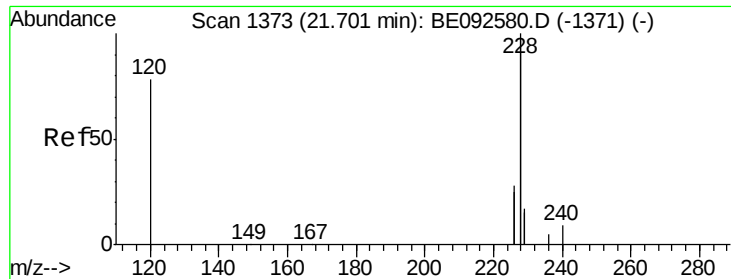


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

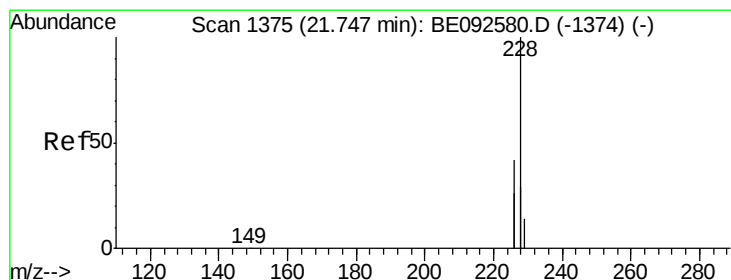
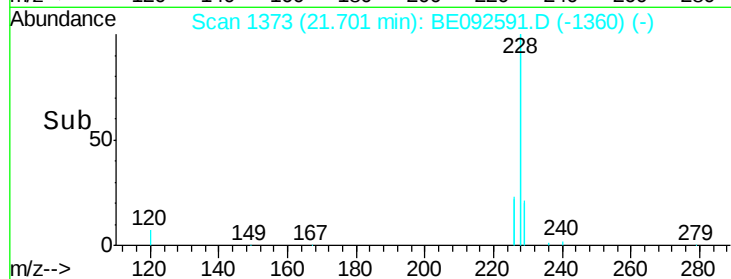
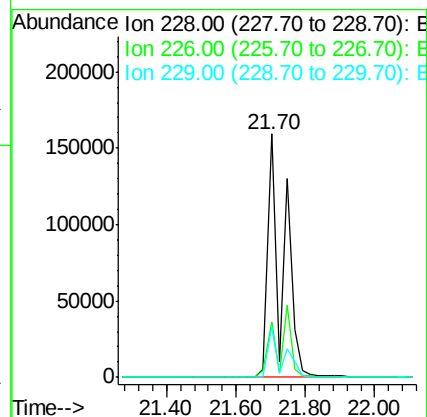
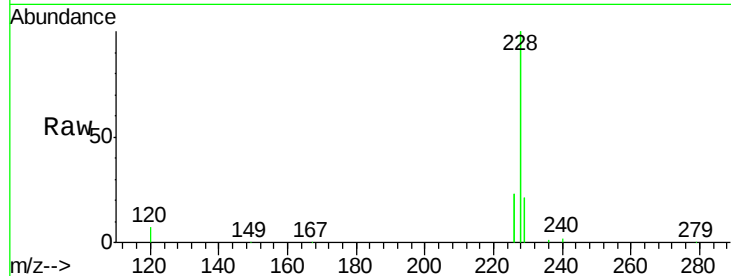




#27
Benzo(a)anthracene
Concen: 7.59 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092591.D
Acq: 9 Dec 2016 13:34

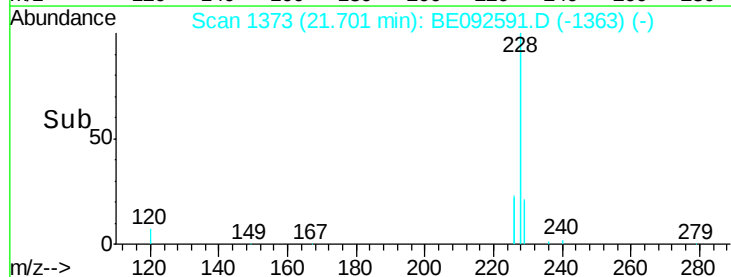
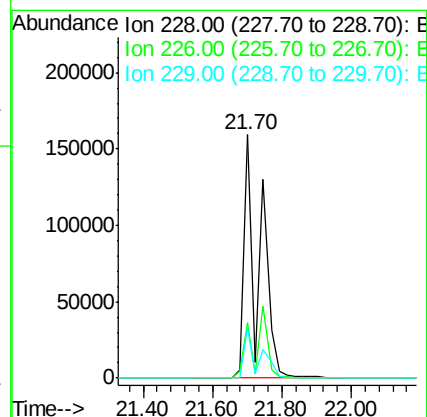
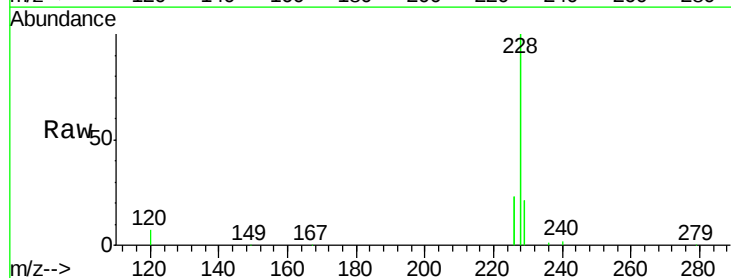
Instrument :
BNA_E
ClientSampleId :
PB95153BS

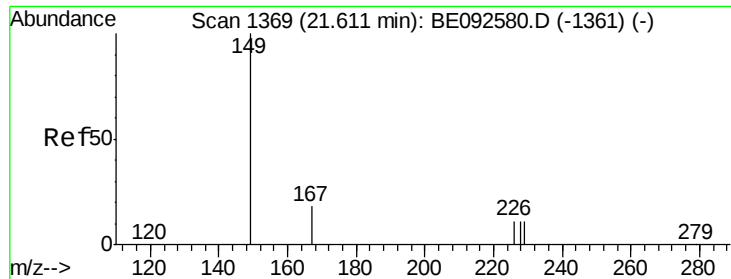
Tgt Ion:228 Resp: 468772
Ion Ratio Lower Upper
228 100
226 22.5 23.6 35.4#
229 20.6 13.3 19.9#



#28
Chrysene
Concen: 8.55 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092591.D
Acq: 9 Dec 2016 13:34

Tgt Ion:228 Resp: 470556
Ion Ratio Lower Upper
228 100
226 22.5 36.3 54.5#
229 20.6 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 4.60 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

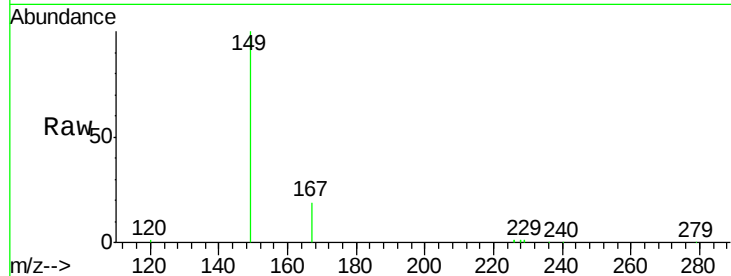
Tgt Ion:149 Resp: 19263

Ion Ratio Lower Upper

149 100

167 22.3 16.0 24.0

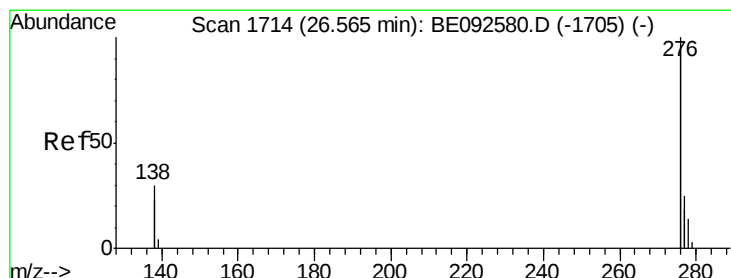
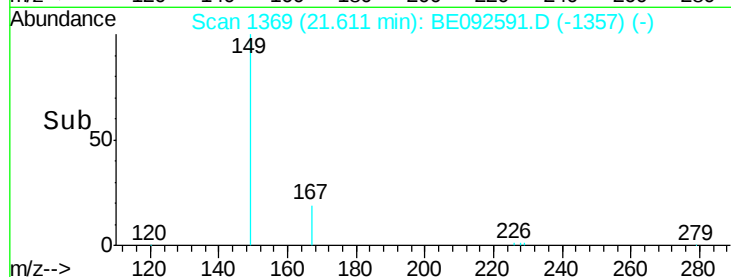
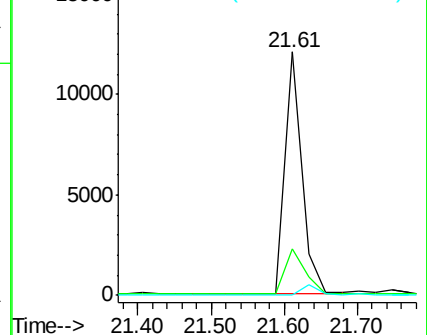
279 0.0 16.0 24.0#



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: 4.69 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

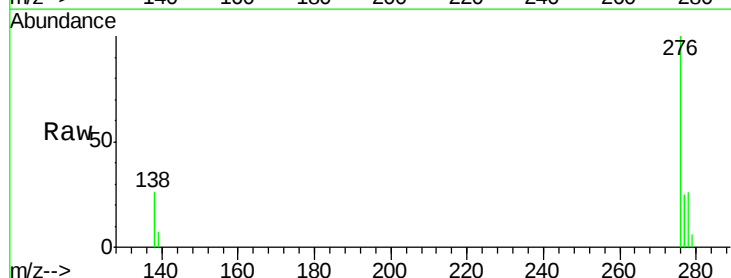
Tgt Ion:276 Resp: 282021

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

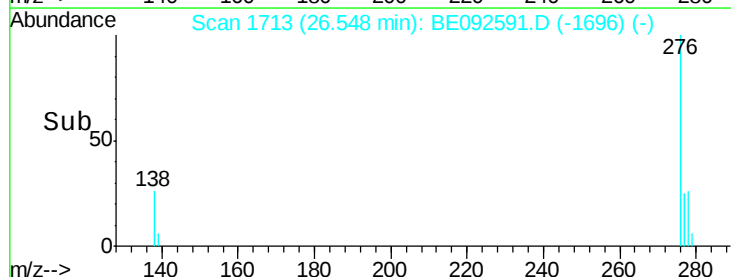
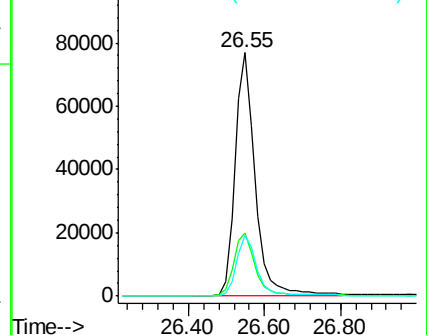
277 24.9 19.7 29.5

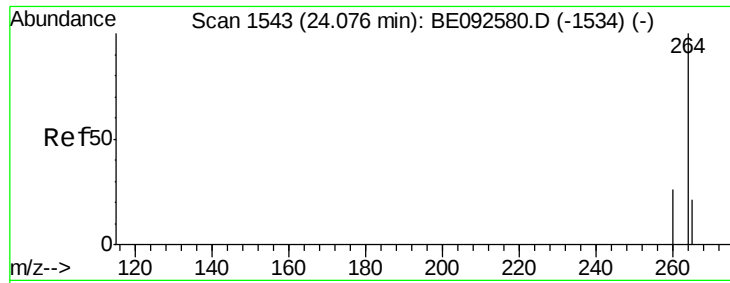


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

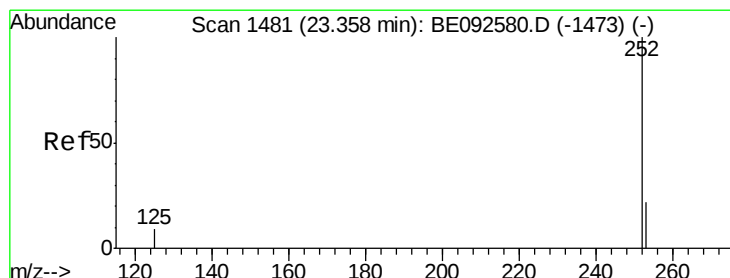
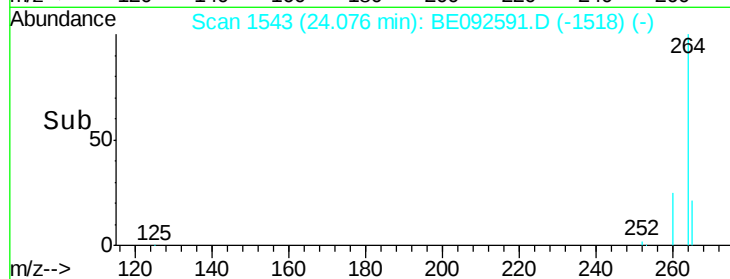
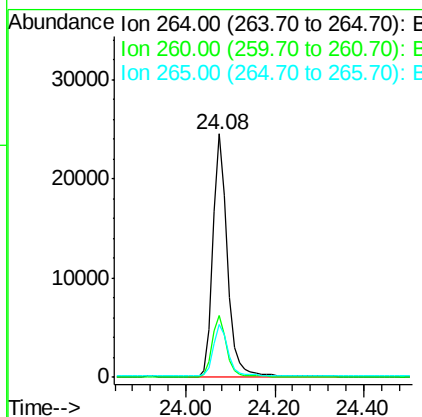
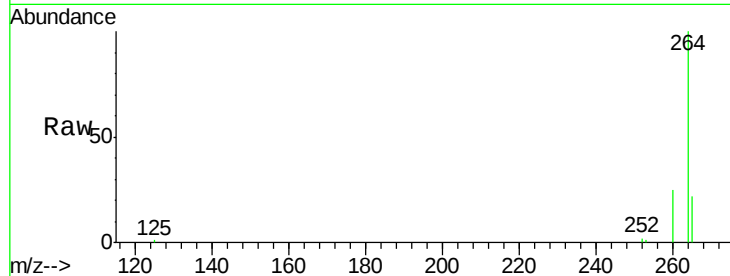




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092591.D
Acq: 9 Dec 2016 13:34

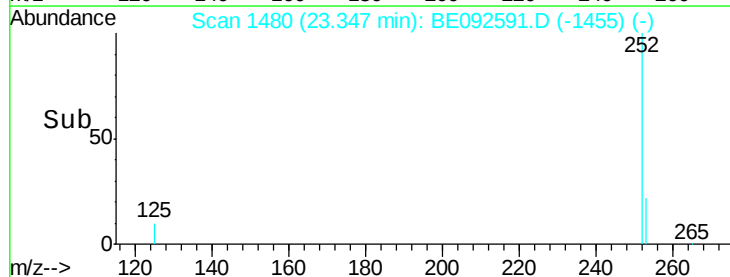
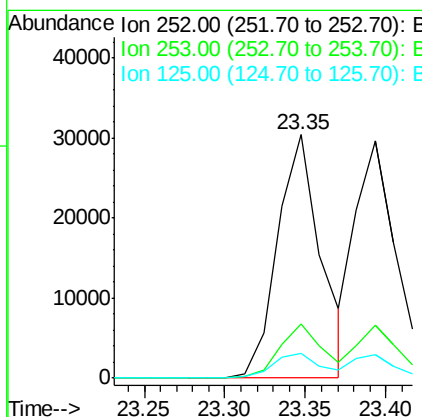
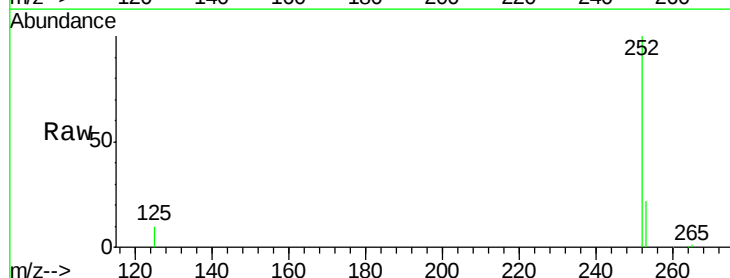
Instrument :
BNA_E
ClientSampleId :
PB95153BS

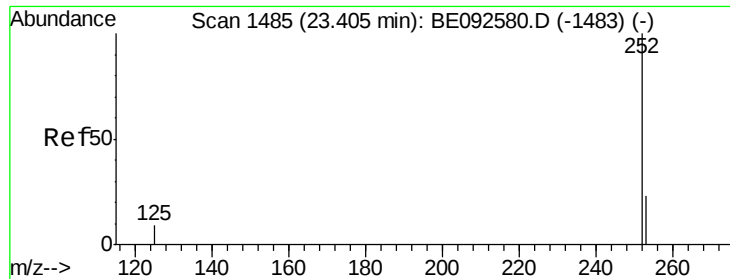
Tgt Ion: 264 Resp: 56208
Ion Ratio Lower Upper
264 100
260 25.2 20.1 30.1
265 21.7 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 4.17 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092591.D
Acq: 9 Dec 2016 13:34

Tgt Ion: 252 Resp: 56865
Ion Ratio Lower Upper
252 100
253 22.2 18.7 28.1
125 10.2 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.90 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

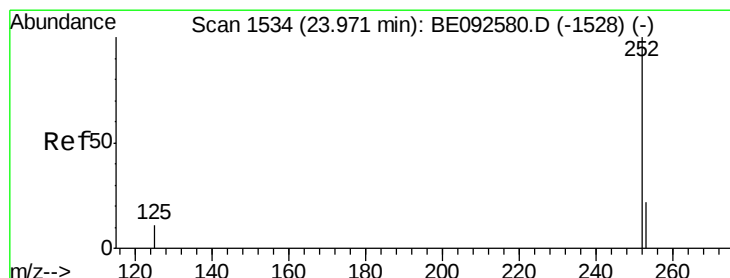
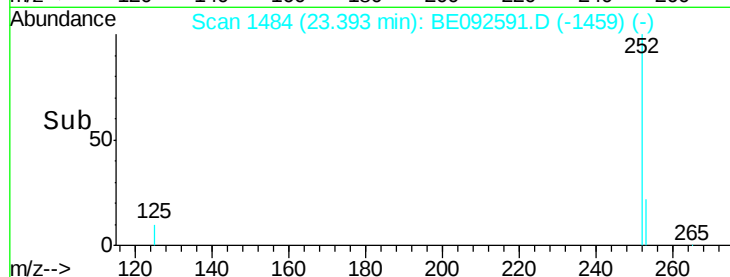
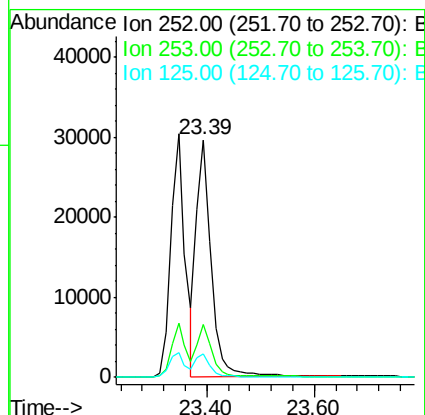
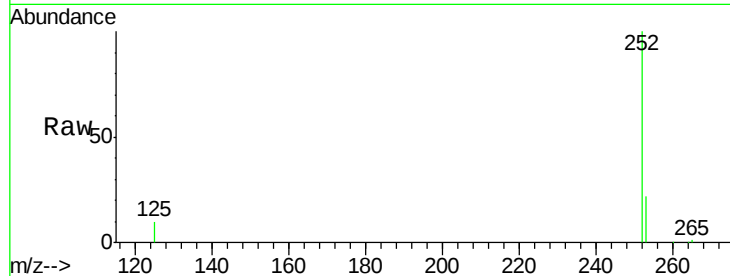
Instrument :

BNA_E

ClientSampleId :

PB95153BS

Tgt Ion:	252	Resp:	55727
Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	10.0	9.6	14.4



#34

Benzo(a)pyrene

Concen: 4.34 ng

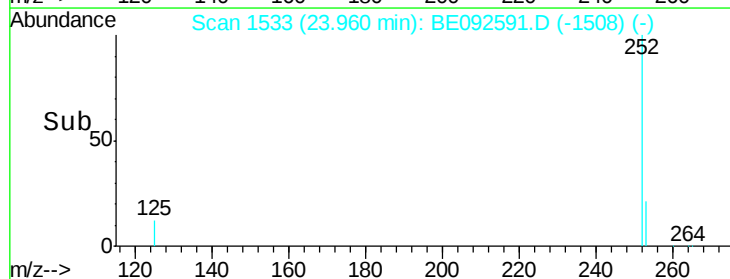
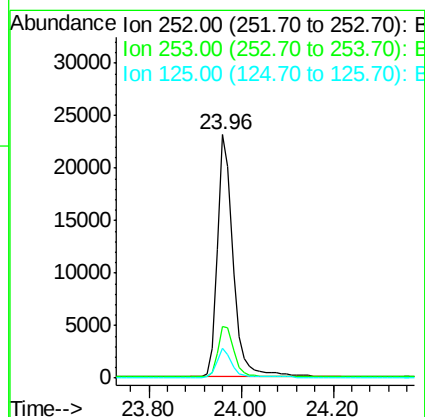
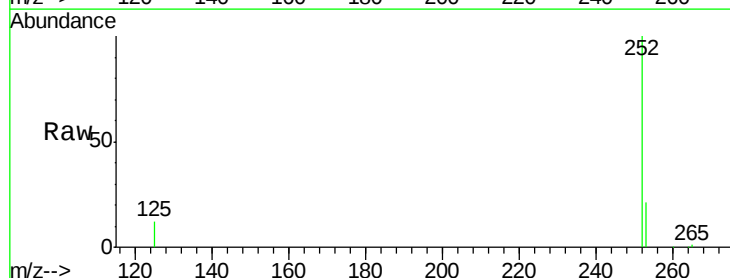
RT: 23.96 min Scan# 1533

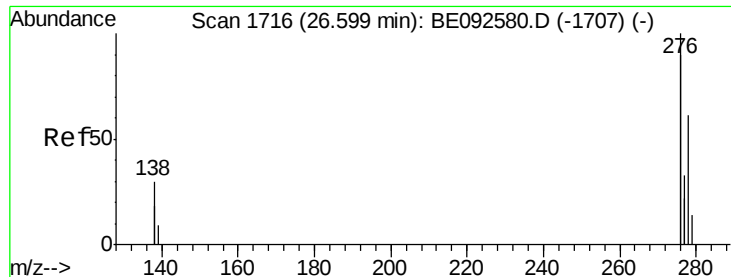
Delta R.T. -0.01 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Tgt Ion:	252	Resp:	54751
Ion	Ratio	Lower	Upper
252	100		
253	21.3	19.0	28.6
125	12.1	11.8	17.8





#35

Dibenzo(a,h)anthracene

Concen: 4.72 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.03 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB95153BS

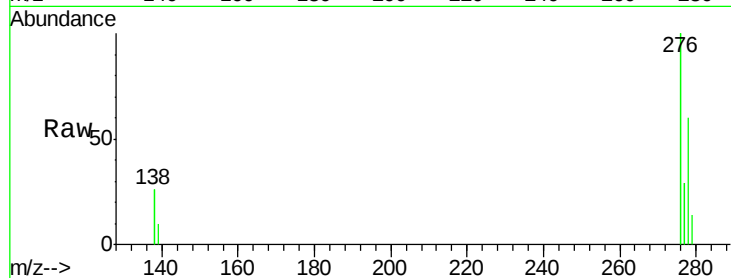
Tgt Ion:278 Resp: 58885

Ion Ratio Lower Upper

278 100

139 17.3 13.8 20.8

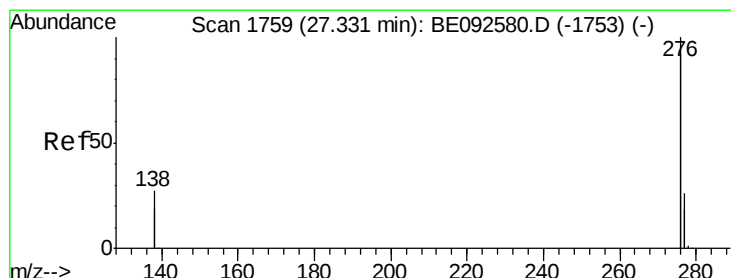
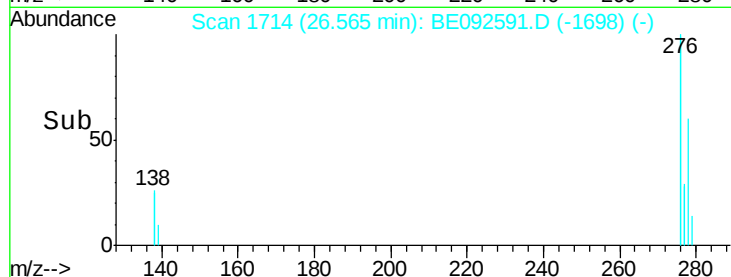
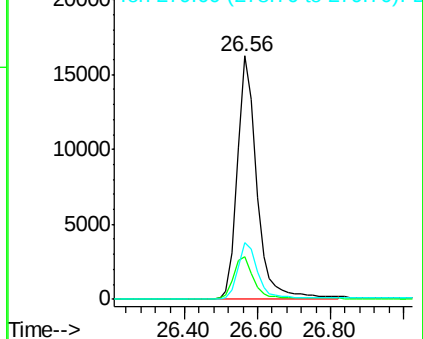
279 23.1 21.4 32.2



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: 4.65 ng

RT: 27.31 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BE092591.D

Acq: 9 Dec 2016 13:34

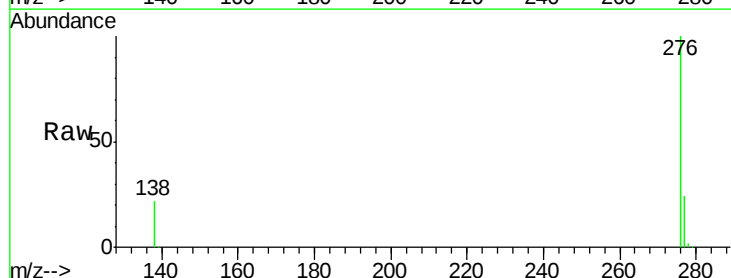
Tgt Ion:276 Resp: 245858

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 22.4 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

