

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082916\
 Data File : BE092295.D
 Acq On : 29 Aug 2016 18:55
 Operator : UM/SJ
 Sample : PB93078BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

Quant Time: Aug 30 00:48:52 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 18:19:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	15454	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	66090	5.00	ng	-0.02
12) Acenaphthene-d10	14.83	164	31439	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64113	5.00	ng	0.00
24) Chrysene-d12	21.75	240	69105	5.00	ng	0.00
31) Perylene-d12	24.12	264	62196	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	241784	69.73	ng	-0.02
5) Phenol-d6	7.33	99	298491	65.35	ng	-0.05
8) Nitrobenzene-d5	9.34	82	297065	68.70	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	62171	73.02	ng	-0.02
14) 2-Fluorobiphenyl	13.45	172	516863	52.36	ng	-0.01
26) Terphenyl-d14	20.19	244	527669	56.51	ng	0.00

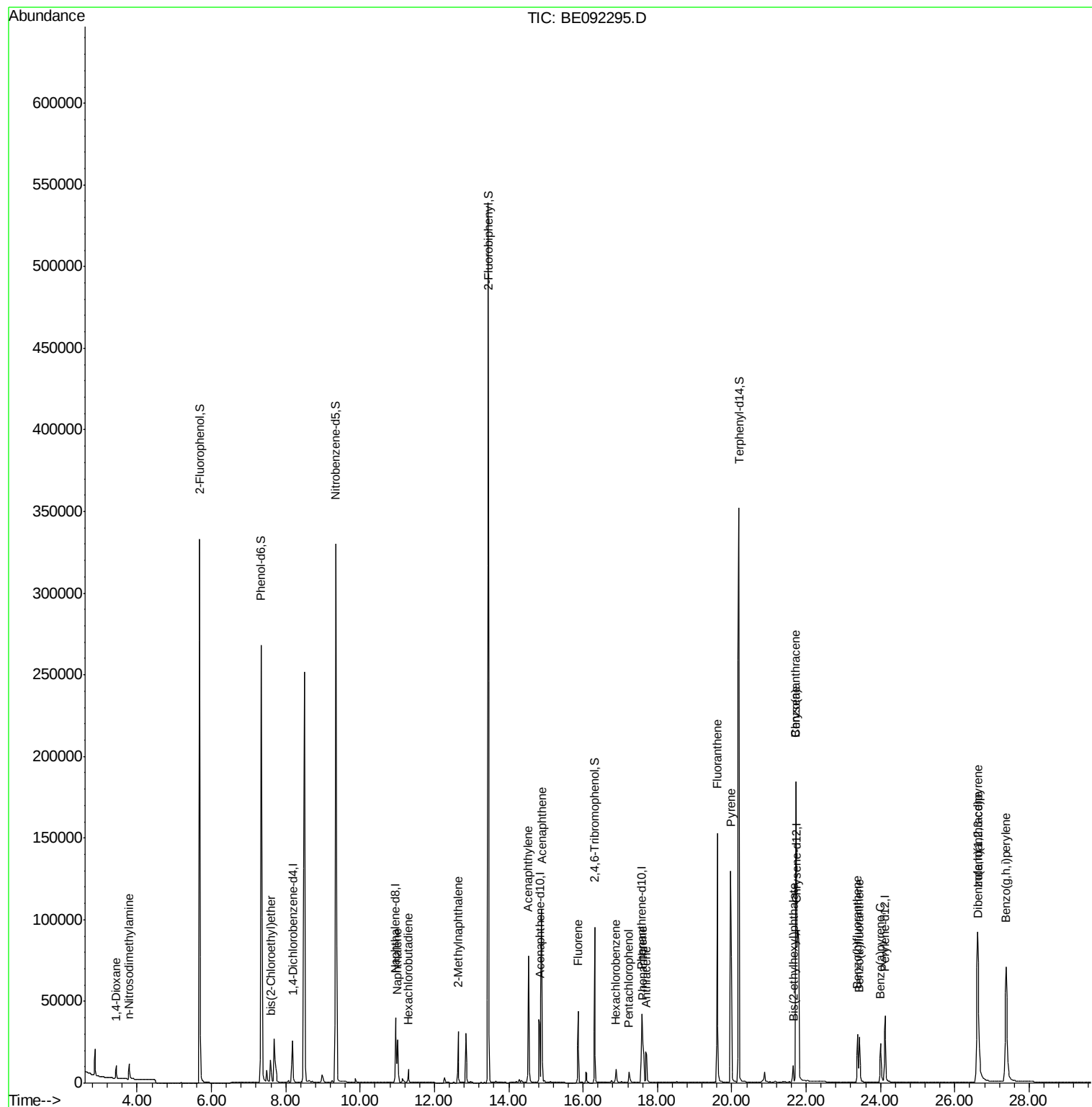
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	4356	2.22	ng	# 85
3) n-Nitrosodimethylamine	3.78	42	7848	3.43	ng	# 97
6) bis(2-Chloroethyl)ether	7.59	93	11547	3.25	ng	91
9) Naphthalene	11.01	128	38028	2.58	ng	95
10) Hexachlorobutadiene	11.30	225	5811	2.60	ng	99
11) 2-Methylnaphthalene	12.64	142	25217	2.77	ng	93
15) Acenaphthylene	14.53	152	143712	2.67	ng	99
16) Acenaphthene	14.88	154	21801	2.48	ng	95
17) Fluorene	15.87	166	27183	2.56	ng	99
19) Hexachlorobenzene	16.89	284	7562	2.87	ng	# 100
20) Pentachlorophenol	17.23	266	5475	5.15	ng	# 80
21) Phenanthrene	17.60	178	39774	2.64	ng	# 81
22) Anthracene	17.69	178	37529	2.71	ng	# 83
23) Fluoranthene	19.61	202	178814	2.65	ng	100
25) Pyrene	19.97	202	182178	2.85	ng	99
27) Benzo(a)anthracene	21.72	228	354580	4.80	ng	# 78
28) Chrysene	21.72	228	358035	5.51	ng	# 86
29) Bis(2-ethylhexyl)phthalate	21.66	149	12939	2.85	ng	# 95
30) Indeno(1,2,3-cd)pyrene	26.62	276	205042	3.11	ng	99
32) Benzo(b)fluoranthene	23.38	252	41310	2.80	ng	# 95
33) Benzo(k)fluoranthene	23.43	252	44593	2.67	ng	# 94
34) Benzo(a)pyrene	24.01	252	41181	2.79	ng	# 93
35) Dibenzo(a,h)anthracene	26.63	278	42855	3.31	ng	93
36) Benzo(g,h,i)perylene	27.38	276	182534	3.15	ng	94

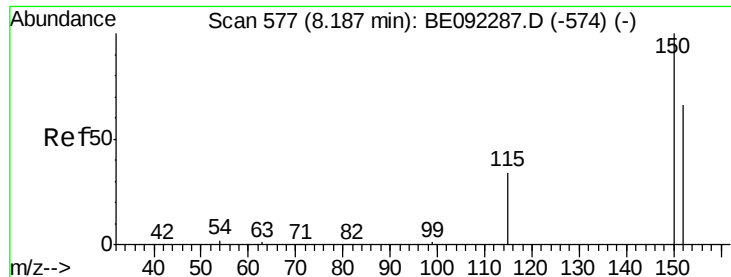
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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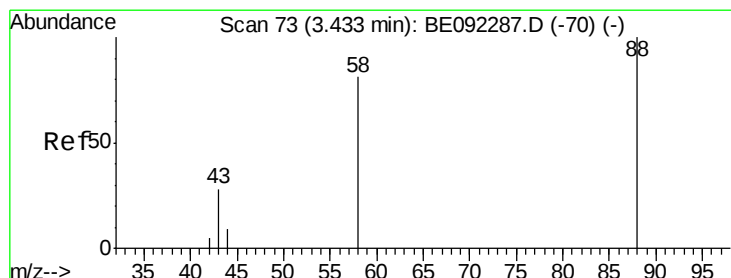
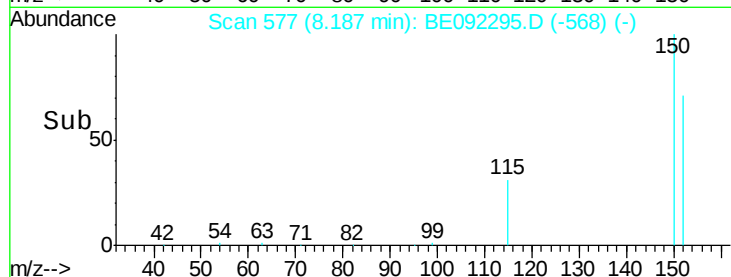
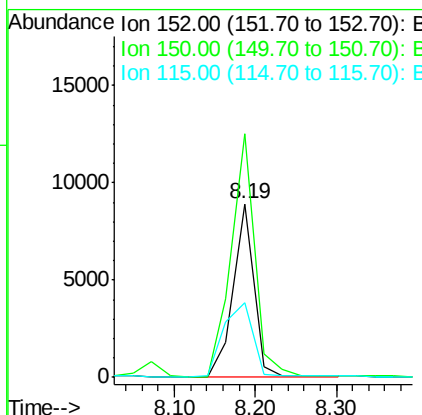
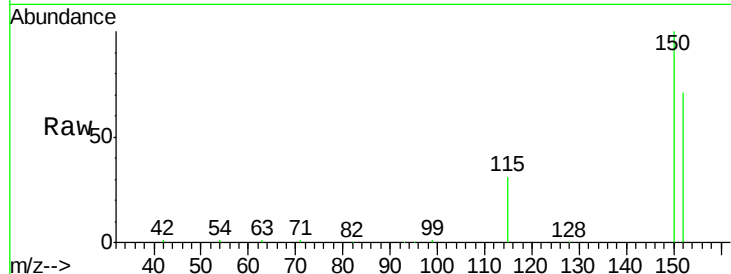




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.19 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BE092295.D
 Acq: 29 Aug 2016 18:55

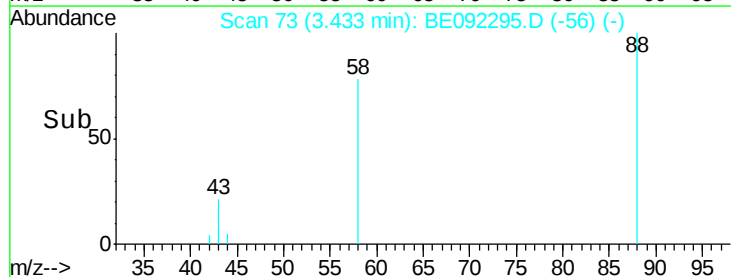
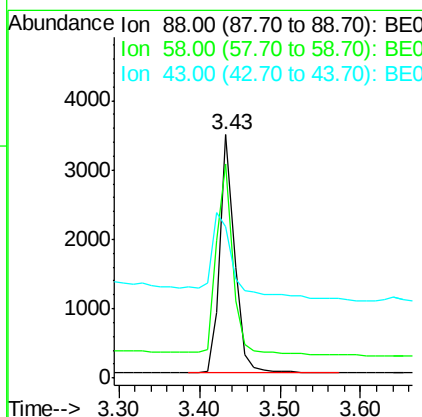
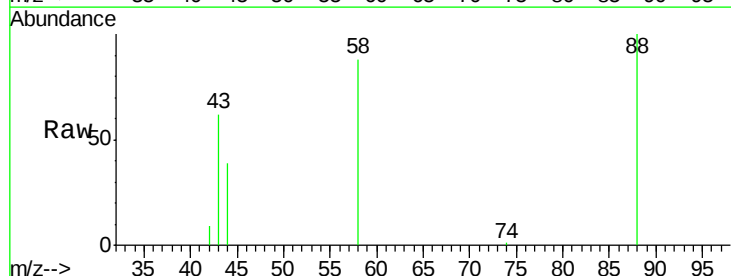
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

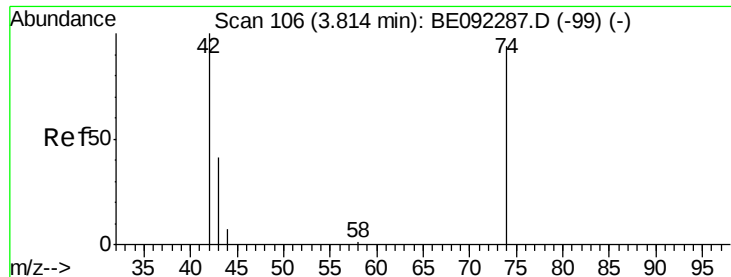
Tgt Ion: 152 Resp: 15454
 Ion Ratio Lower Upper
 152 100
 150 140.4 135.6 203.4
 115 43.4 59.4 89.0#



#2
 1,4-Dioxane
 Concen: 2.22 ng
 RT: 3.43 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BE092295.D
 Acq: 29 Aug 2016 18:55

Tgt Ion: 88 Resp: 4356
 Ion Ratio Lower Upper
 88 100
 58 90.5 64.4 96.6
 43 55.8 33.4 50.2#





#3

n-Nitrosodimethylamine

Concen: 3.43 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.03 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

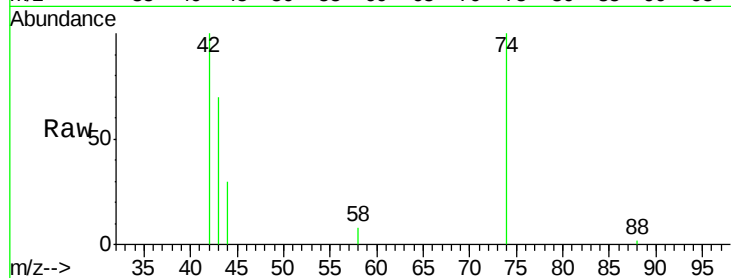
Tgt Ion: 42 Resp: 7848

Ion Ratio Lower Upper

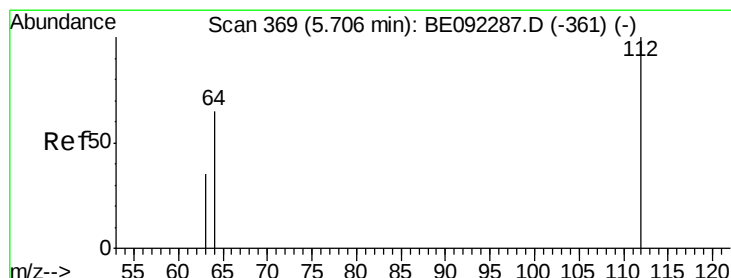
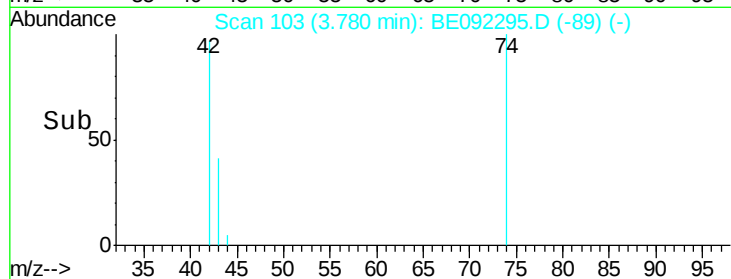
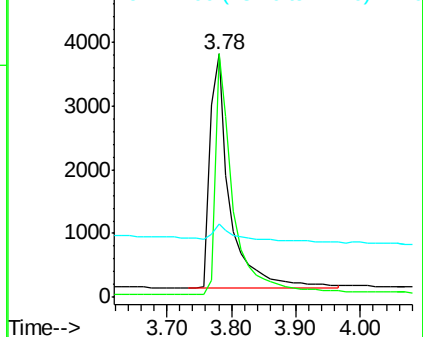
42 100

74 94.5 77.2 115.8

44 10.4 5.0 7.4#



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: 69.73 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

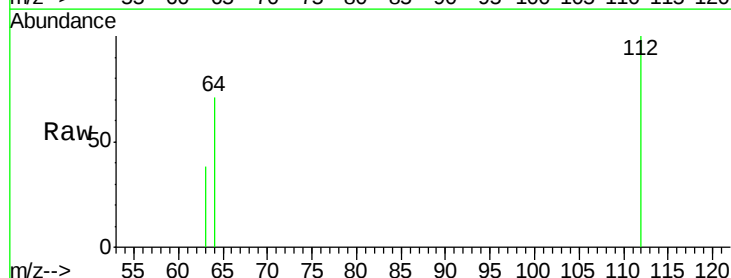
Tgt Ion: 112 Resp: 241784

Ion Ratio Lower Upper

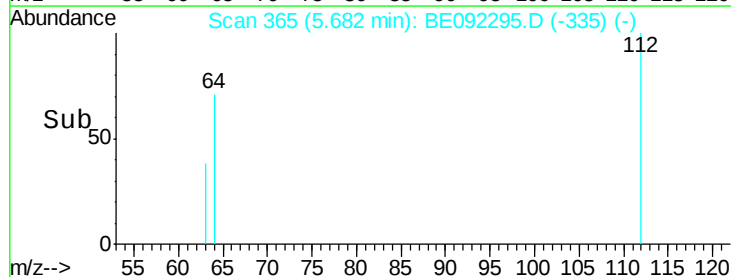
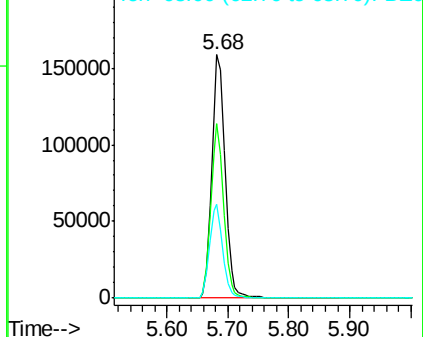
112 100

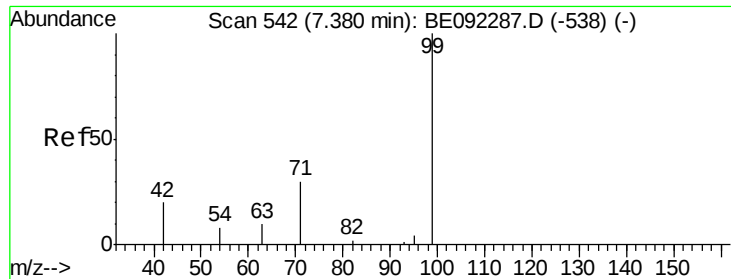
64 69.3 53.2 79.8

63 38.1 27.4 41.2



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: 65.35 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.05 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

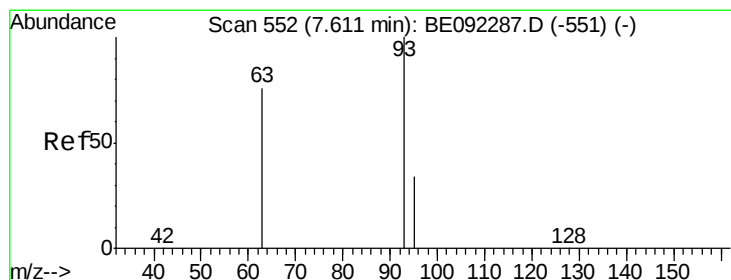
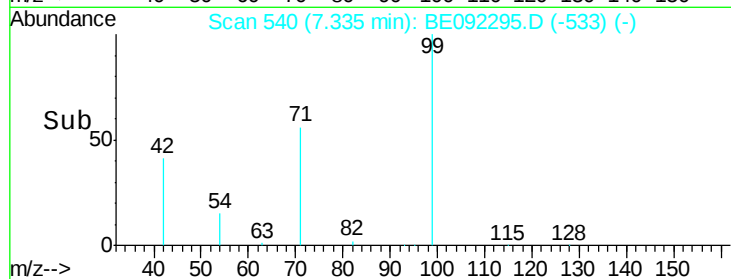
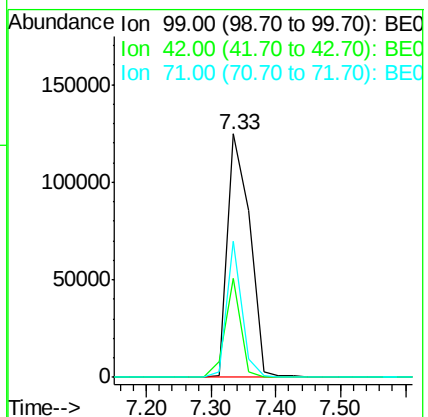
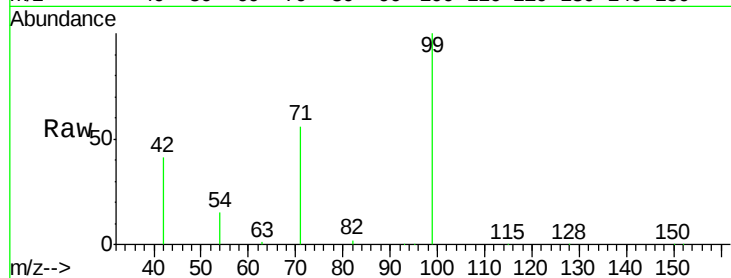
Tgt Ion: 99 Resp: 298491

Ion Ratio Lower Upper

99 100

42 28.9 0.0 0.0#

71 38.3 29.8 44.8



#6

bis(2-Chloroethyl)ether

Concen: 3.25 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

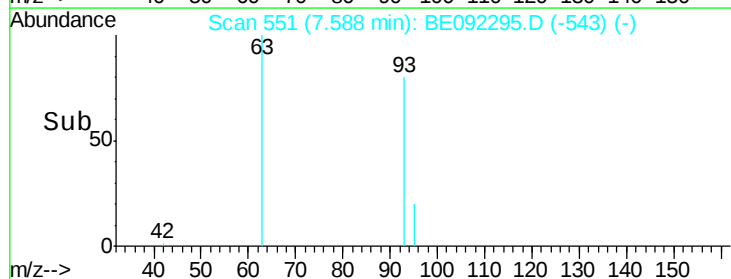
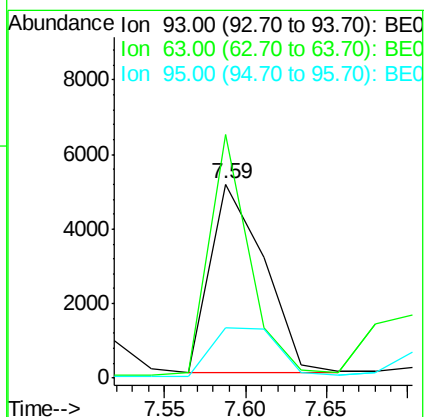
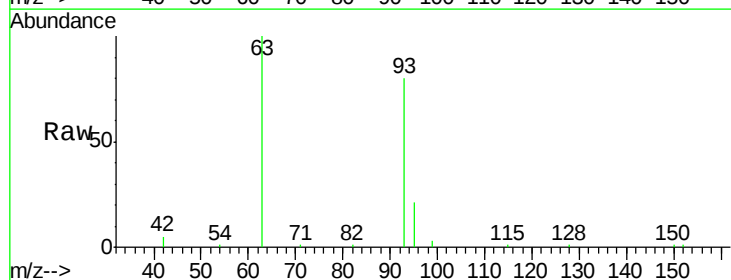
Tgt Ion: 93 Resp: 11547

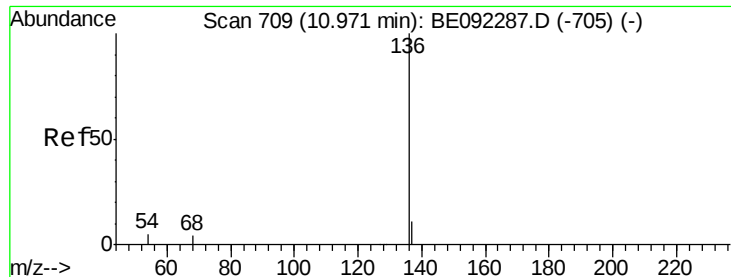
Ion Ratio Lower Upper

93 100

63 96.5 68.5 102.7

95 32.3 27.2 40.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

Tgt Ion:136 Resp: 66090

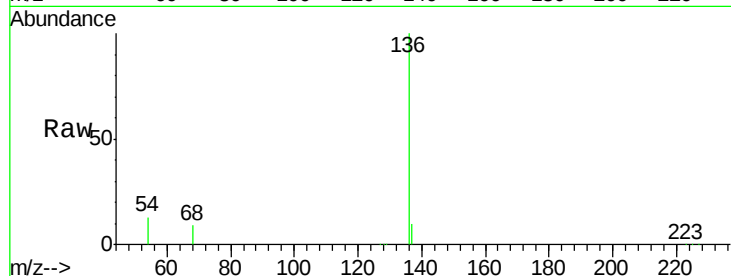
Ion Ratio Lower Upper

136 100

137 10.0 8.8 13.2

54 13.2 6.2 9.4#

68 8.6 4.6 6.8#

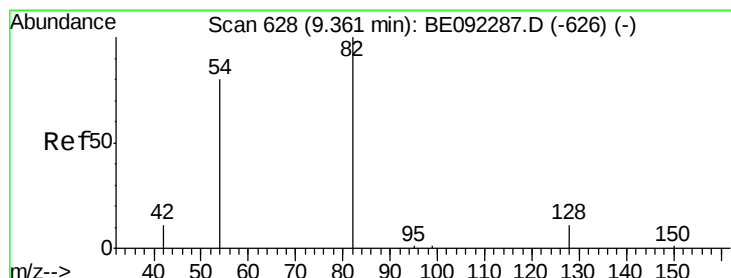
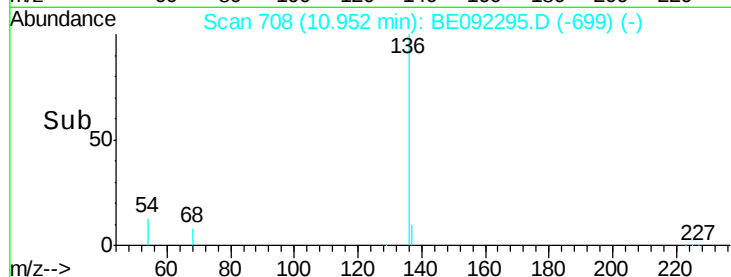
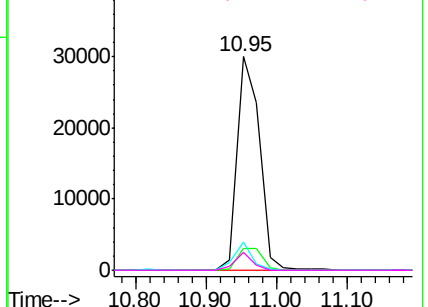


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.70 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

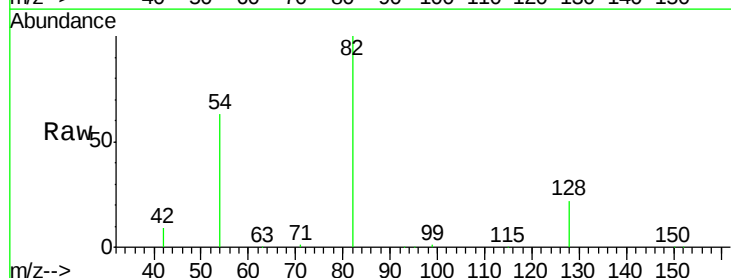
Tgt Ion: 82 Resp: 297065

Ion Ratio Lower Upper

82 100

128 21.5 45.0 67.4#

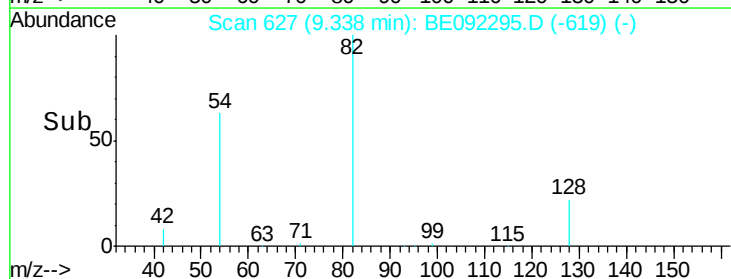
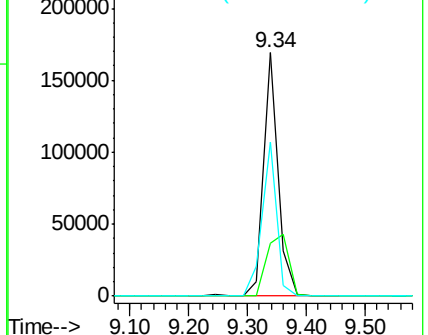
54 63.2 45.4 68.2

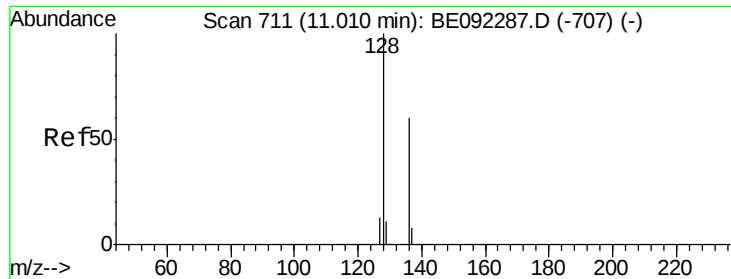


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.58 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampled :

PB93078BS

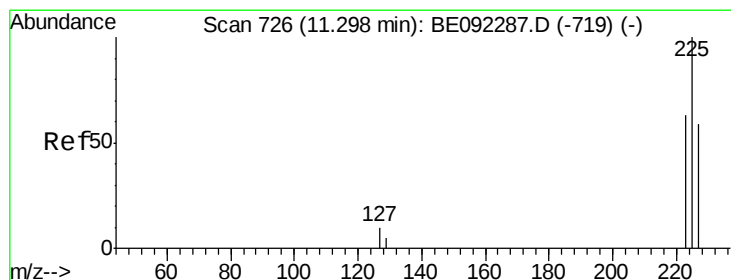
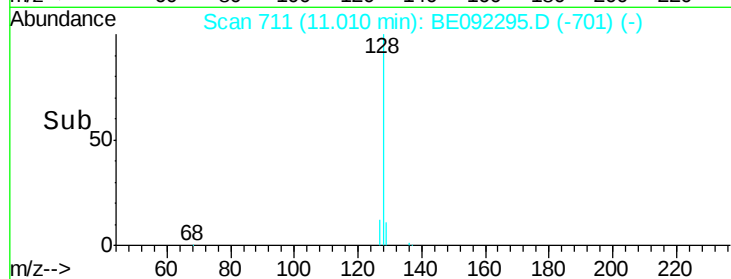
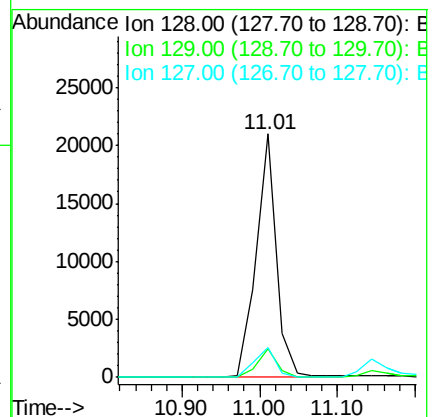
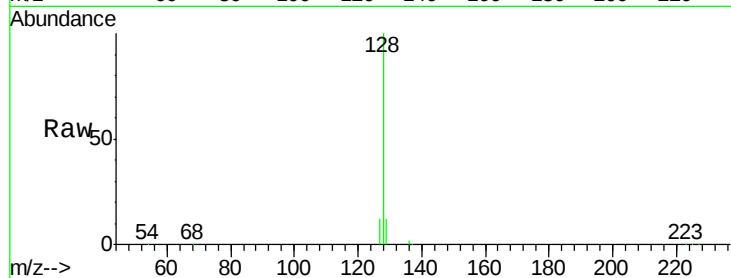
Tgt Ion:128 Resp: 38028

Ion Ratio Lower Upper

128 100

129 11.6 11.5 17.3

127 12.3 11.0 16.6



#10

Hexachlorobutadiene

Concen: 2.60 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

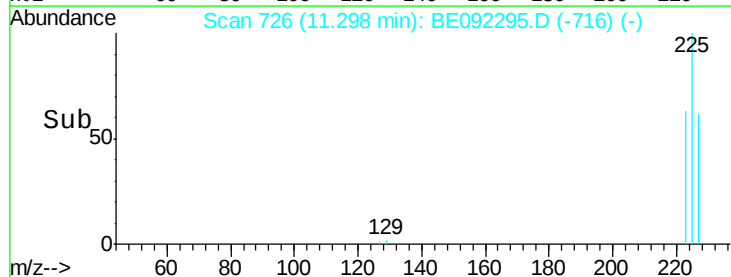
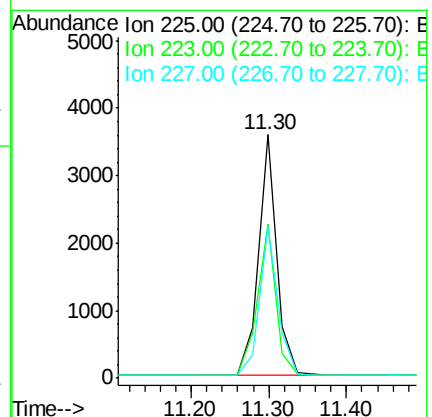
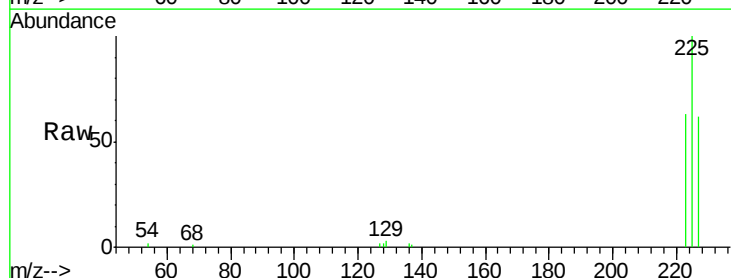
Tgt Ion:225 Resp: 5811

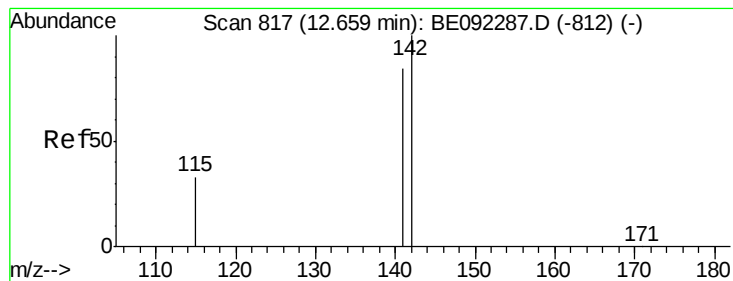
Ion Ratio Lower Upper

225 100

223 63.7 52.2 78.4

227 63.2 51.0 76.6





#11

2-Methylnaphthalene

Concen: 2.77 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092295.D

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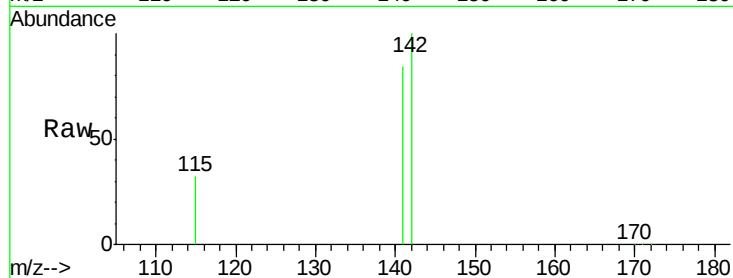
Tgt Ion:142 Resp: 25217

Ion Ratio Lower Upper

142 100

141 83.6 70.6 105.8

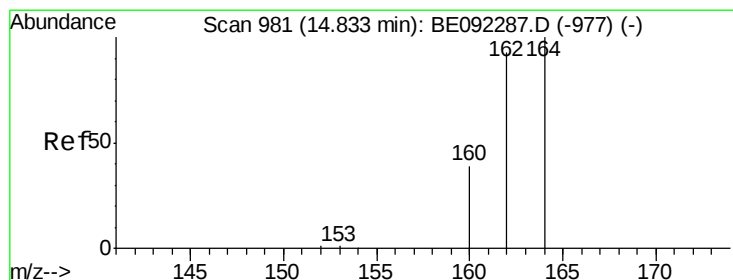
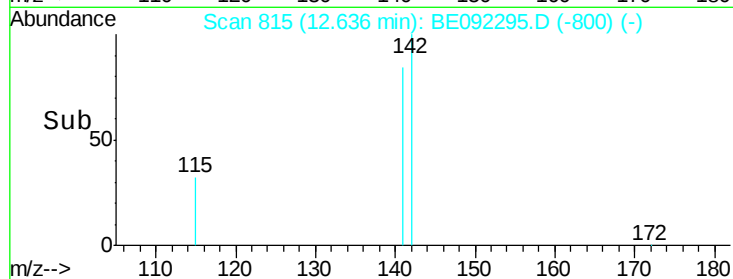
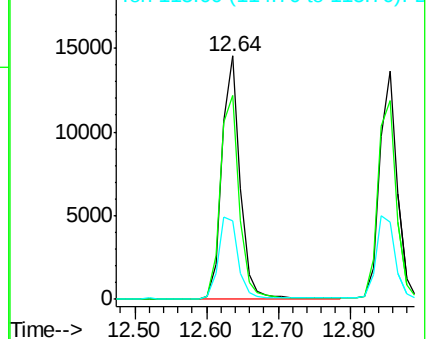
115 32.1 31.0 46.4



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: 14.83 min Scan# 981

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

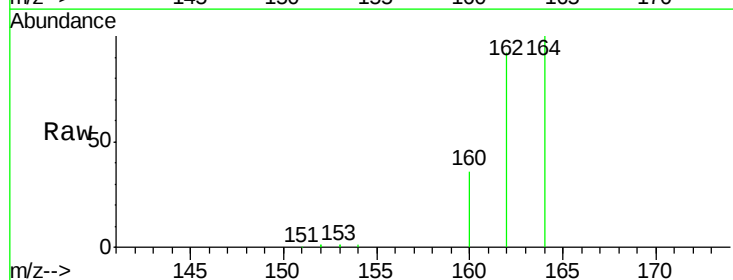
Tgt Ion:164 Resp: 31439

Ion Ratio Lower Upper

164 100

162 91.5 83.3 124.9

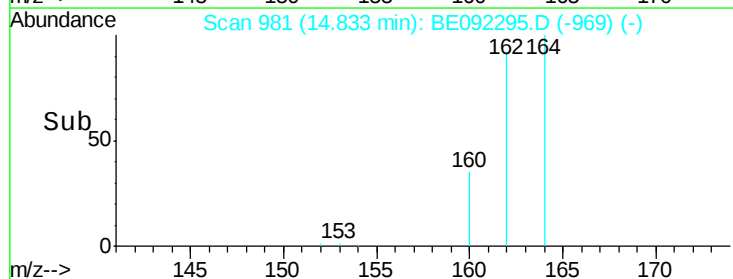
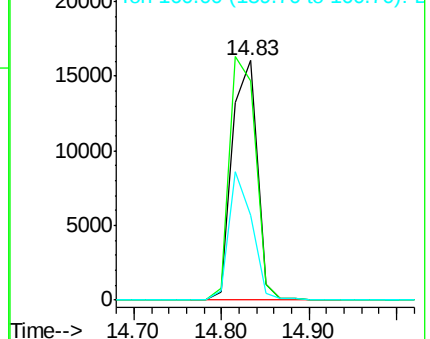
160 35.6 38.0 57.0#

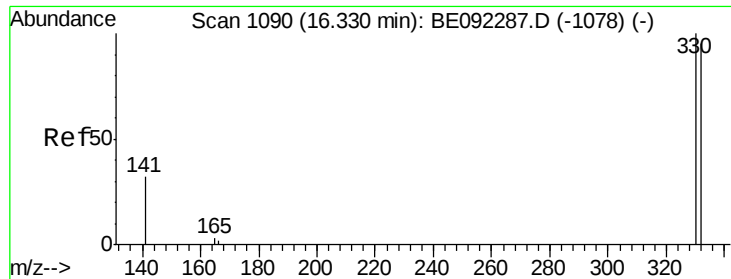


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

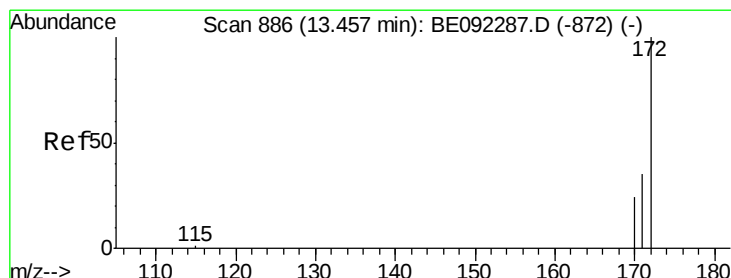
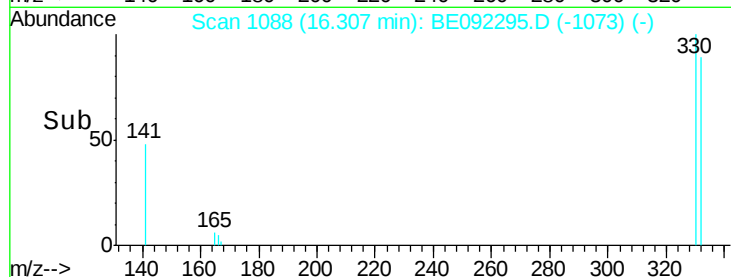
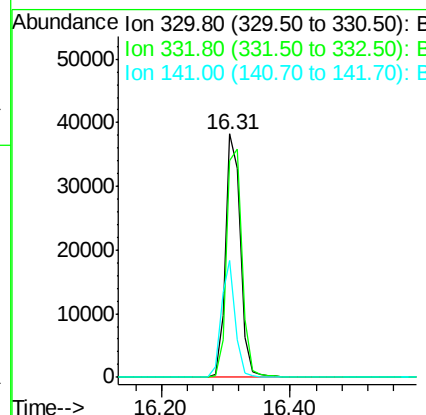
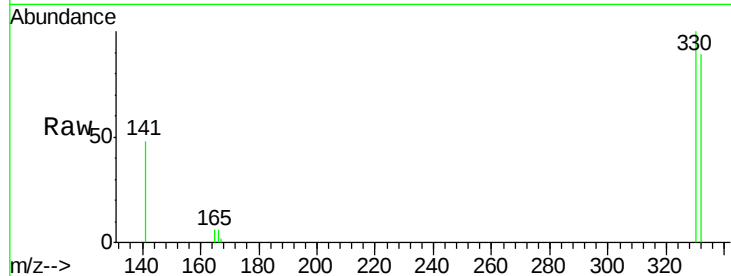




#13
 2,4,6-Tribromophenol
 Concen: 73.02 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BE092295.D
 Acq: 29 Aug 2016 18:55

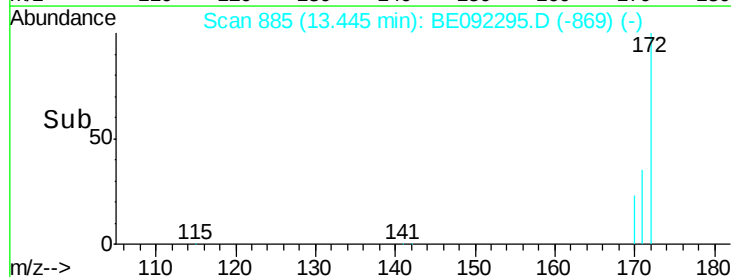
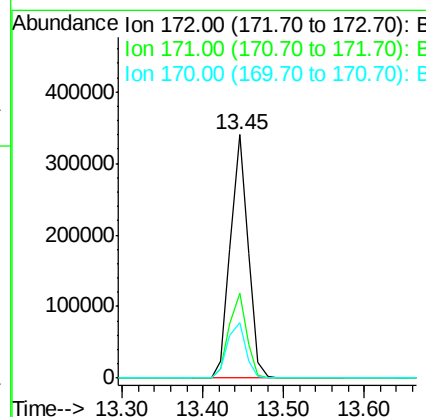
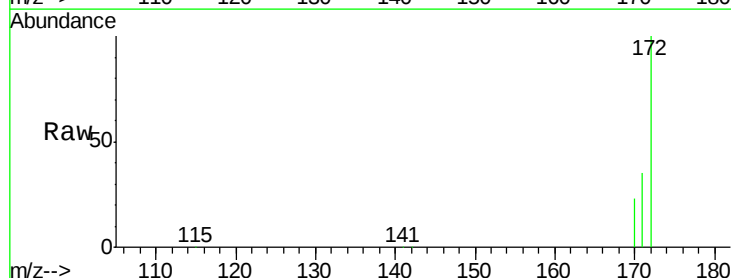
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

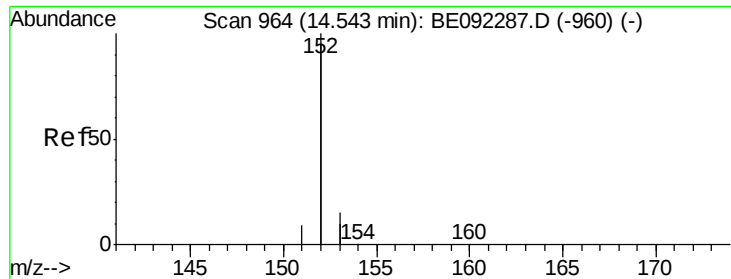
Tgt Ion:330 Resp: 62171
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 45.2 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 52.36 ng
 RT: 13.45 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BE092295.D
 Acq: 29 Aug 2016 18:55

Tgt Ion:172 Resp: 516863
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.8 40.2
 170 23.0 17.8 26.6

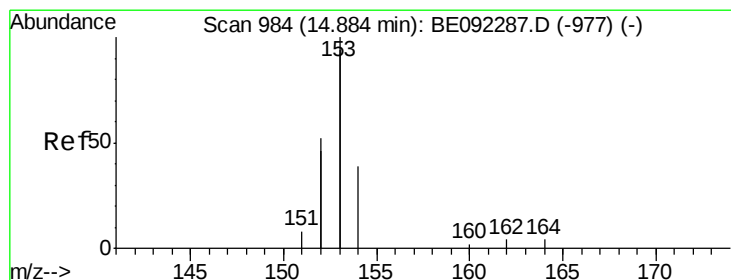
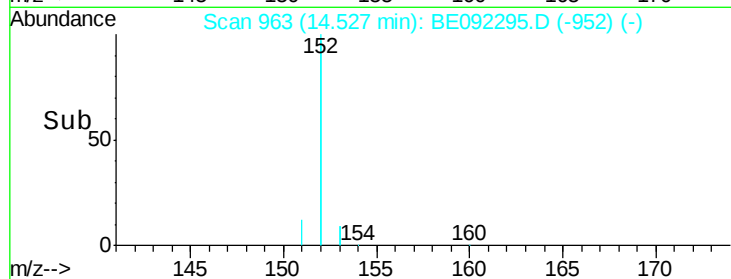
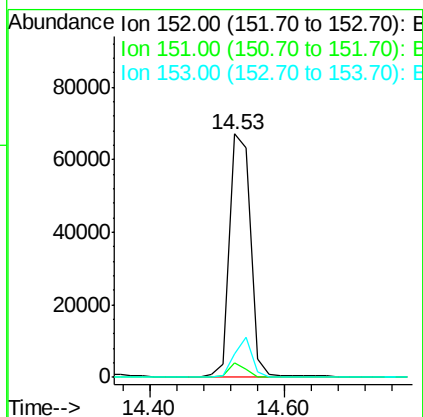
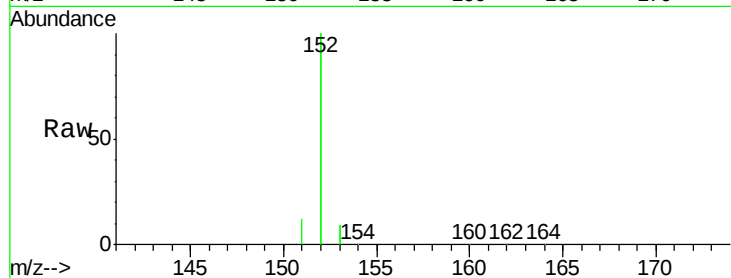




#15
Acenaphthylene
Concen: 2.67 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.02 min
Lab File: BE092295.D
Acq: 29 Aug 2016 18:55

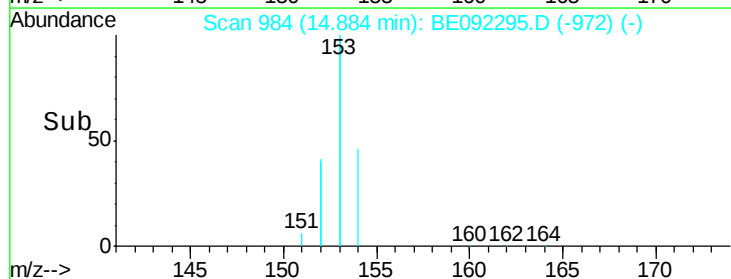
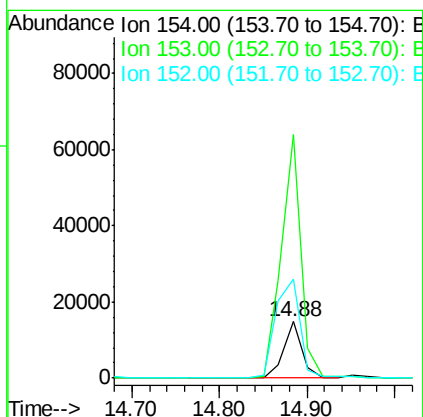
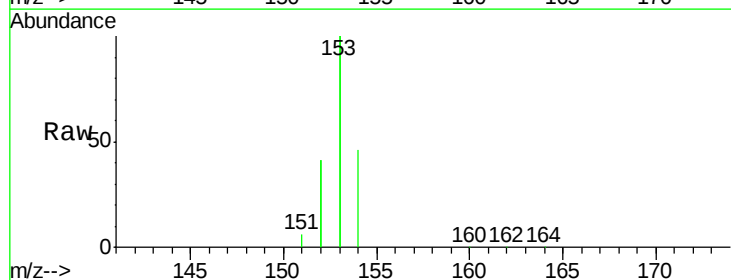
Instrument :
BNA_E
ClientSampleId :
PB93078BS

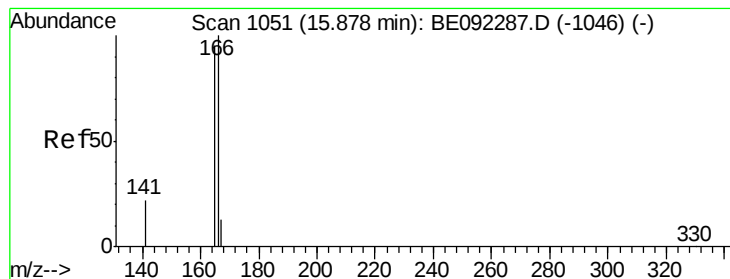
Tgt Ion:152 Resp: 143712
Ion Ratio Lower Upper
152 100
151 4.9 3.8 5.8
153 13.3 10.2 15.2



#16
Acenaphthene
Concen: 2.48 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092295.D
Acq: 29 Aug 2016 18:55

Tgt Ion:154 Resp: 21801
Ion Ratio Lower Upper
154 100
153 458.6 355.0 532.4
152 229.7 179.7 269.5





#17

Fluorene

Concen: 2.56 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

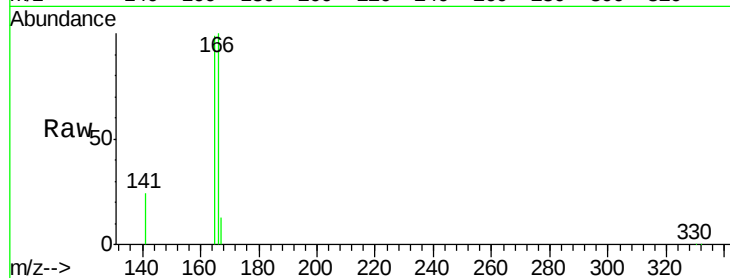
Tgt Ion:166 Resp: 27183

Ion Ratio Lower Upper

166 100

165 98.5 80.1 120.1

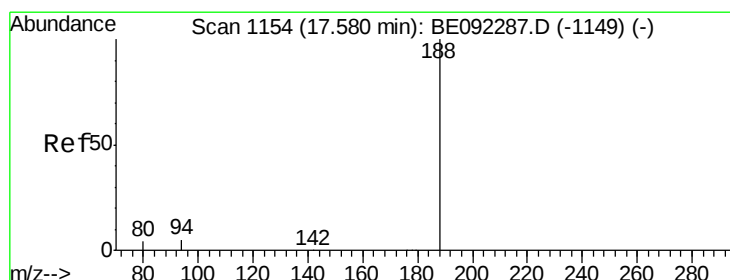
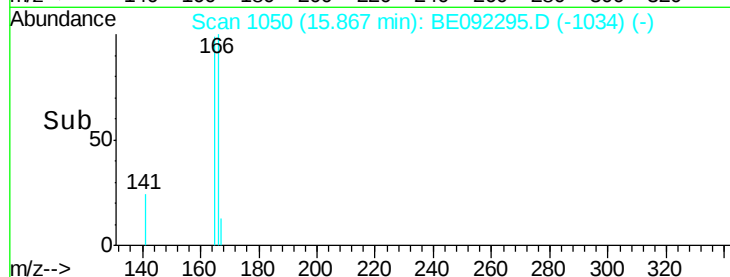
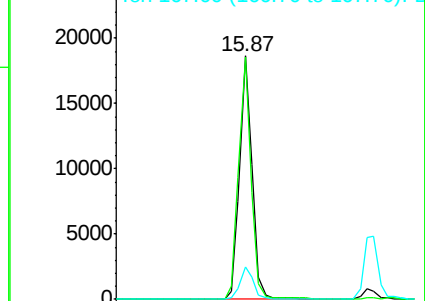
167 13.4 10.6 16.0



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

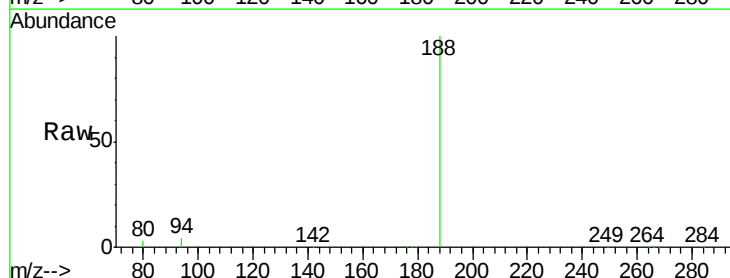
Tgt Ion:188 Resp: 64113

Ion Ratio Lower Upper

188 100

94 3.9 9.2 13.8#

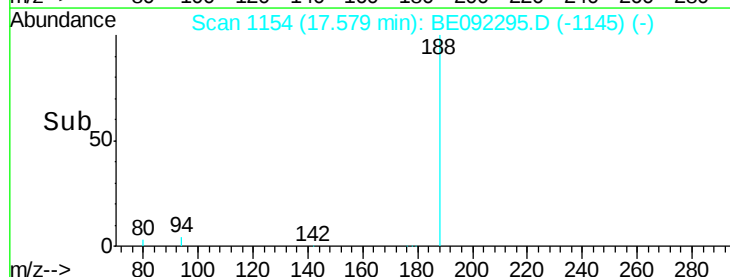
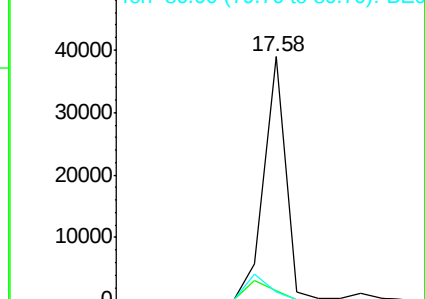
80 3.2 9.1 13.7#

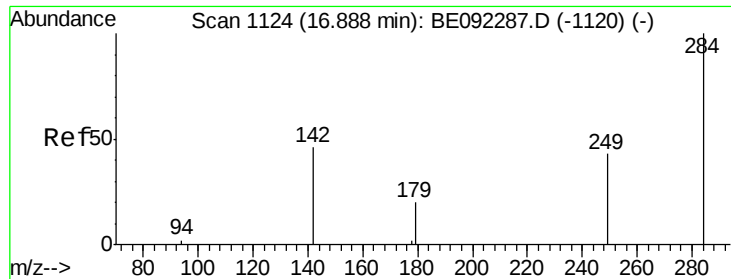


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

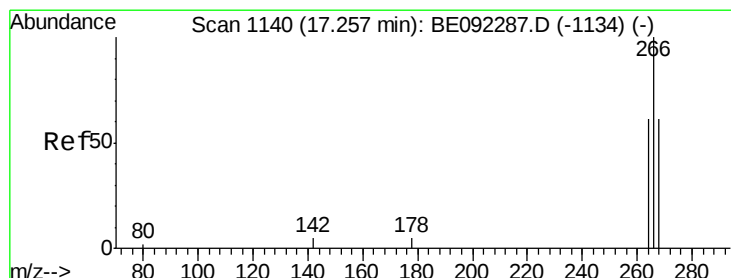
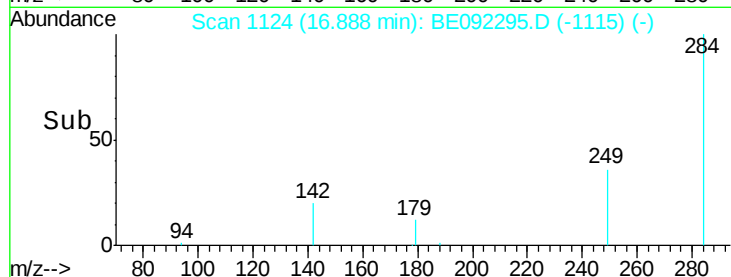
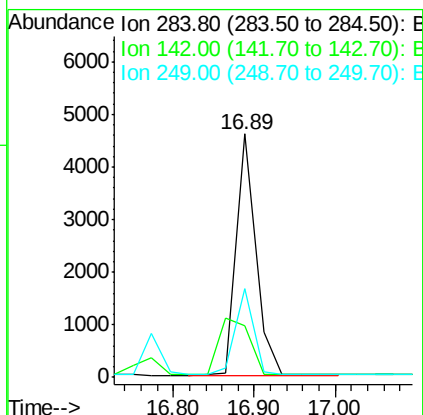
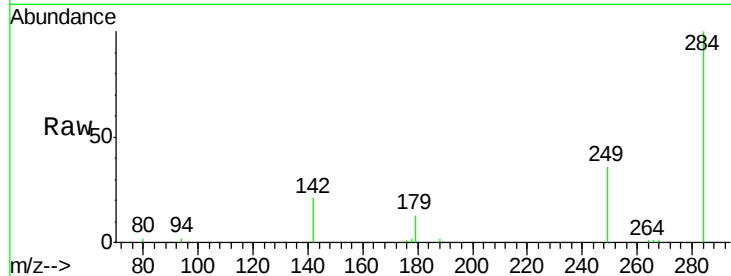




#19
Hexachlorobenzene
Concen: 2.87 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092295.D
Acq: 29 Aug 2016 18:55

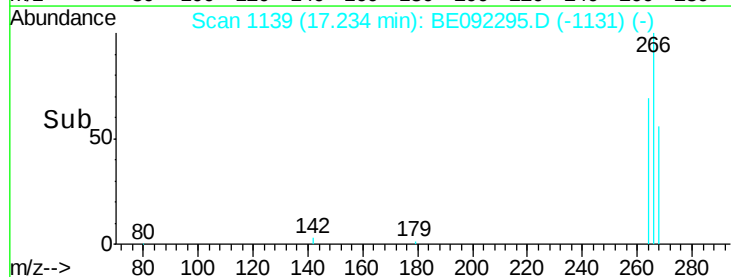
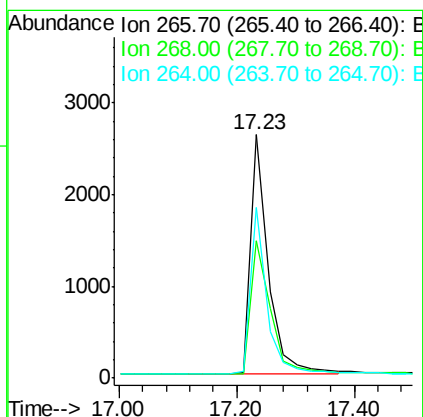
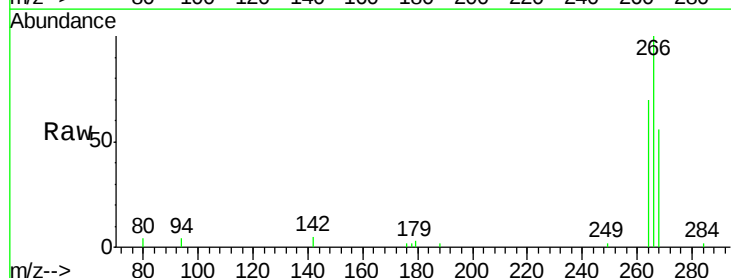
Instrument :
BNA_E
ClientSampleId :
PB93078BS

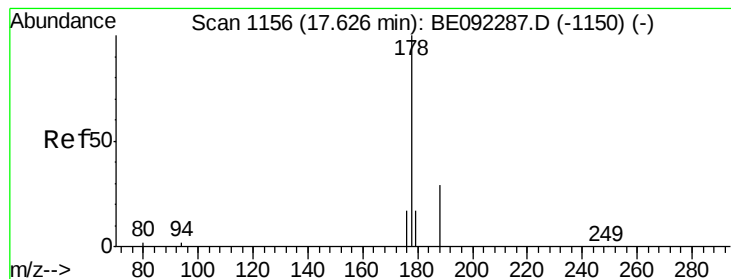
Tgt Ion: 284 Resp: 7562
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 33.5 0.0 0.0#



#20
Pentachlorophenol
Concen: 5.15 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092295.D
Acq: 29 Aug 2016 18:55

Tgt Ion: 266 Resp: 5475
Ion Ratio Lower Upper
266 100
268 56.4 62.3 93.5#
264 69.9 67.4 101.0





#21

Phenanthrene

Concen: 2.64 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

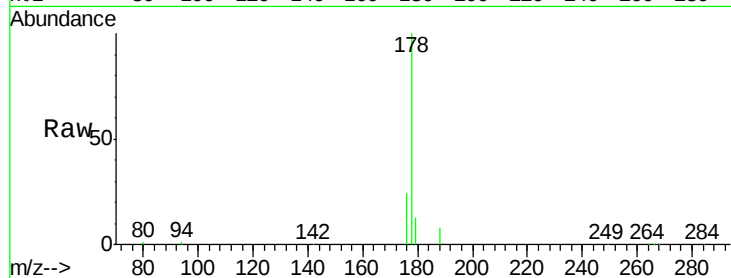
Tgt Ion:178 Resp: 39774

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

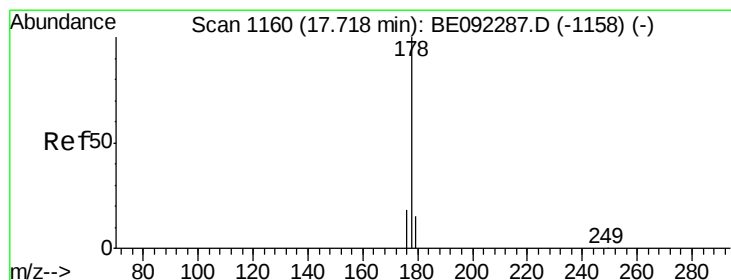
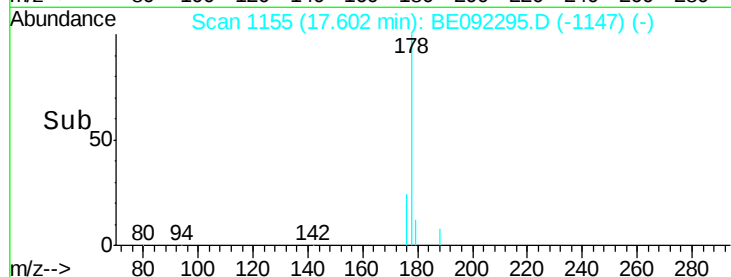
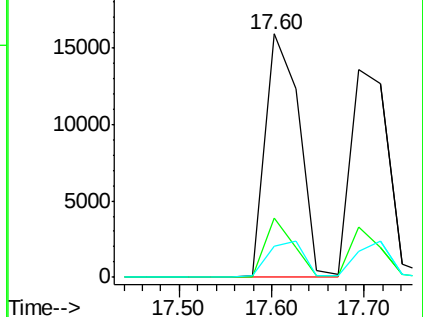
179 0.0 12.9 19.3#



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: 2.71 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

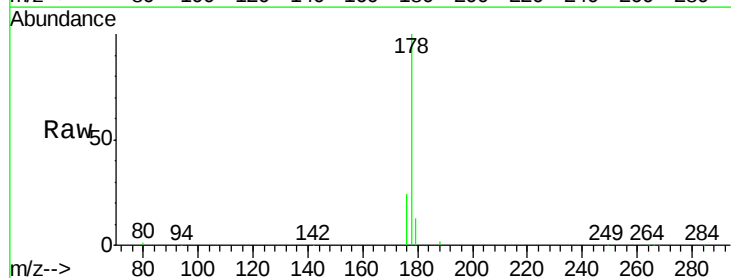
Tgt Ion:178 Resp: 37529

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

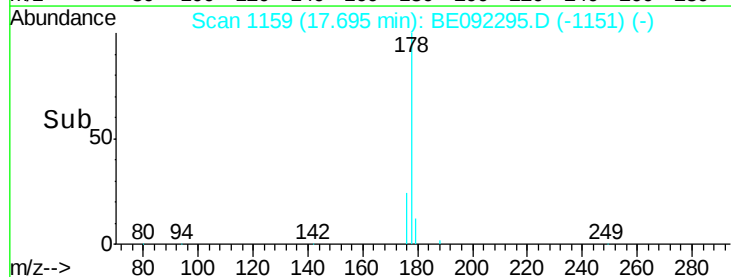
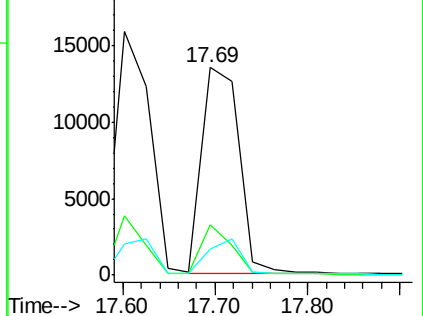
179 0.0 12.0 18.0#

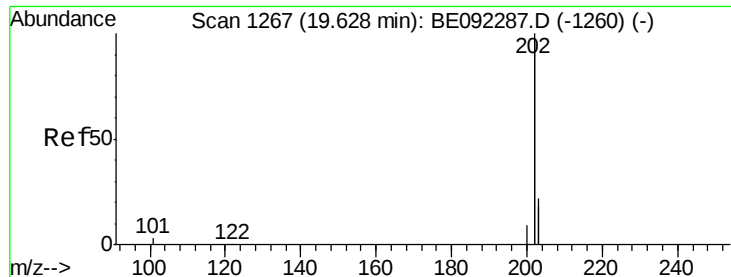


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 2.65 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

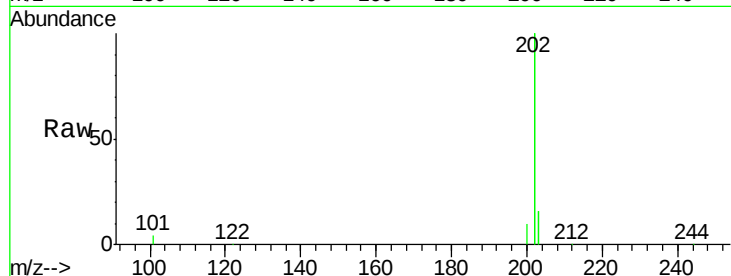
Tgt Ion:202 Resp: 178814

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

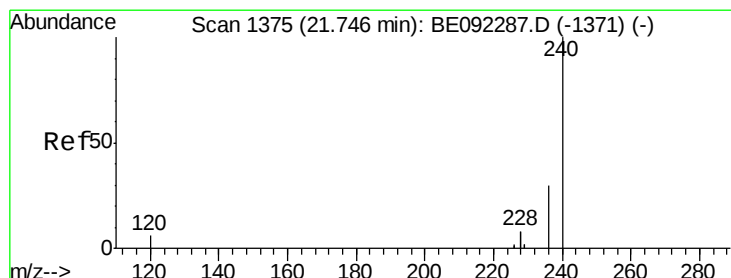
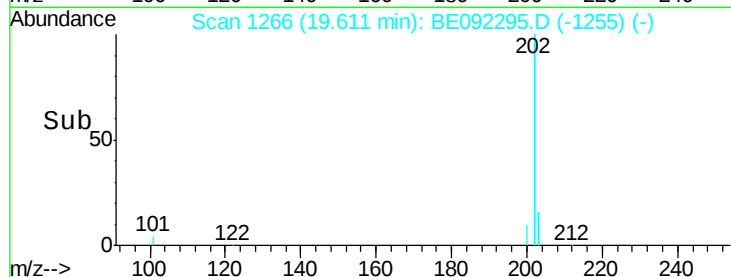
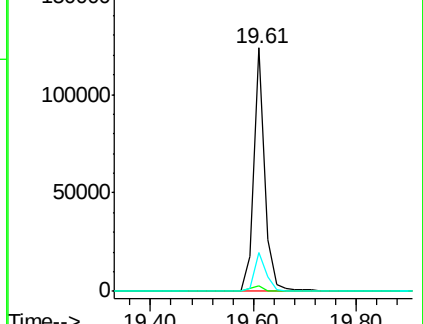
203 17.2 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

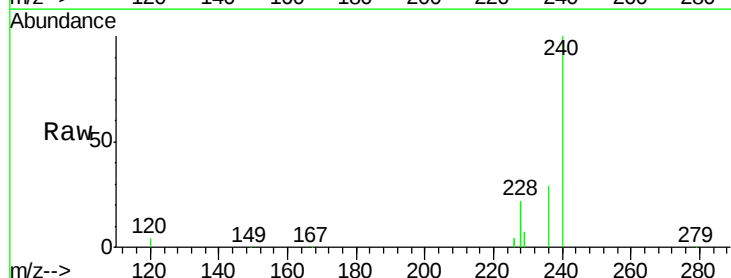
Tgt Ion:240 Resp: 69105

Ion Ratio Lower Upper

240 100

120 4.0 1.2 1.8#

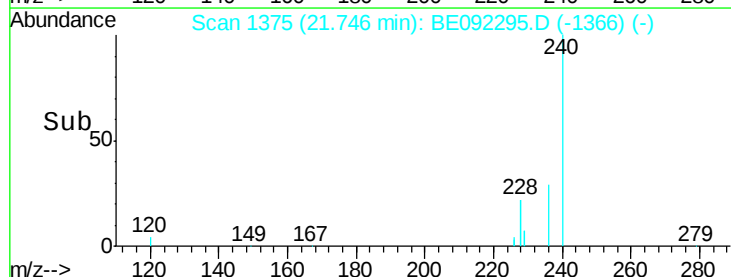
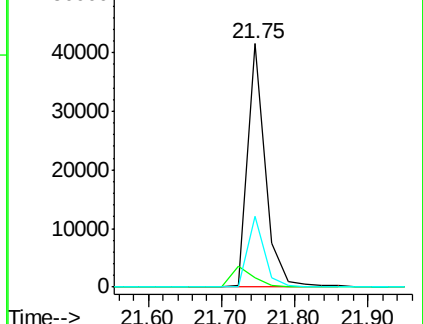
236 29.2 17.1 25.7#

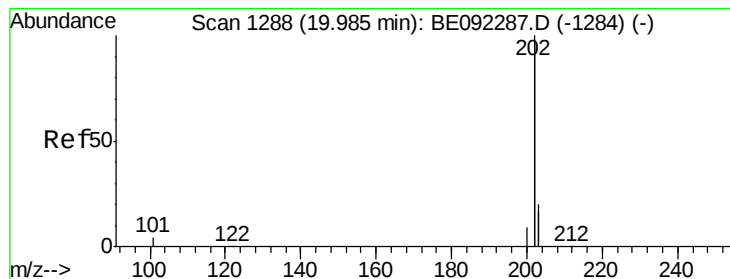


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 2.85 ng

RT: 19.97 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

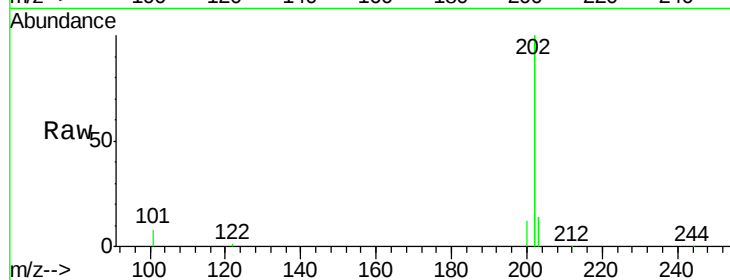
Tgt Ion:202 Resp: 182178

Ion Ratio Lower Upper

202 100

200 5.4 4.2 6.4

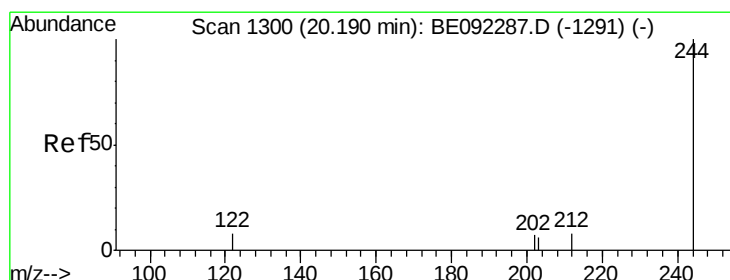
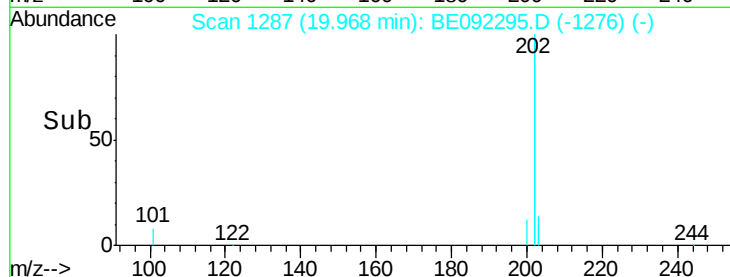
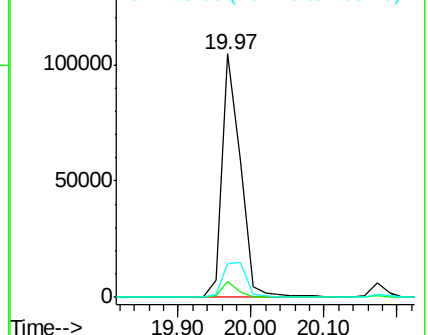
203 18.0 14.0 21.0



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: 56.51 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

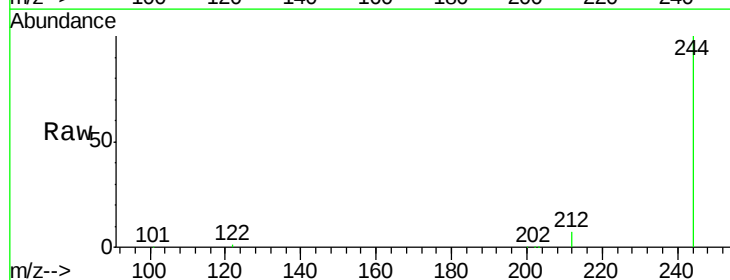
Tgt Ion:244 Resp: 527669

Ion Ratio Lower Upper

244 100

212 7.4 10.2 15.2#

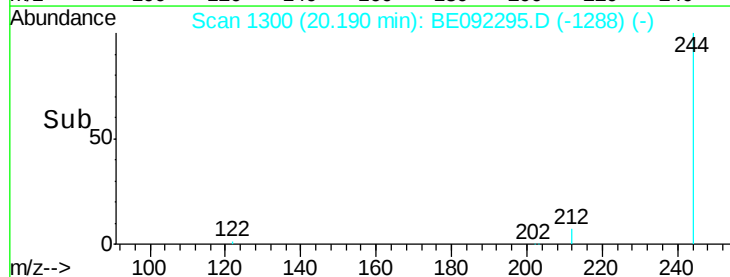
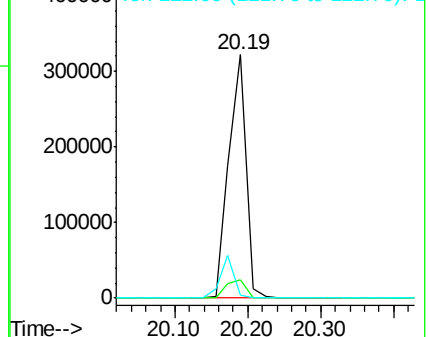
122 1.2 15.9 23.9#

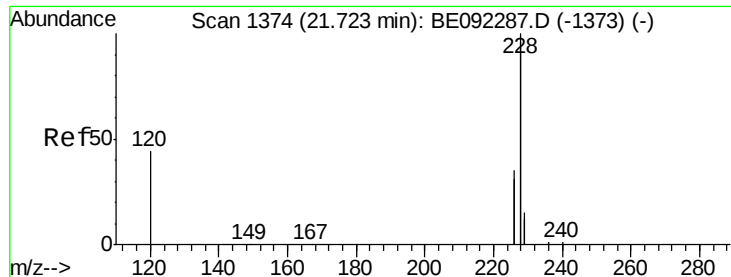


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 4.80 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

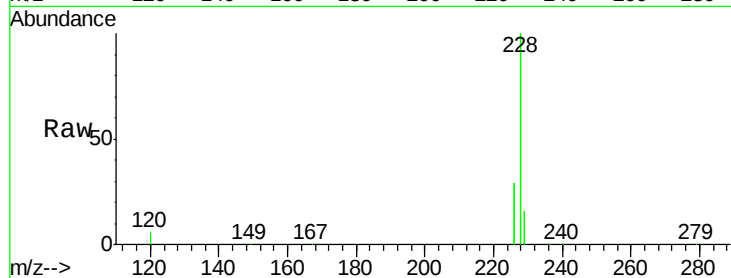
Tgt Ion:228 Resp: 354580

Ion Ratio Lower Upper

228 100

226 28.6 15.9 23.9#

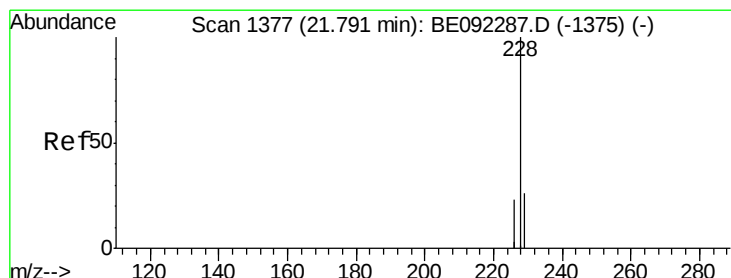
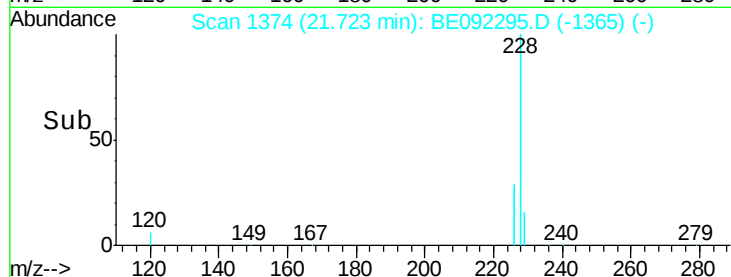
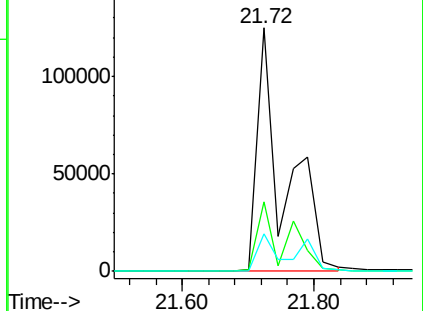
229 15.7 22.4 33.6#



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: 5.51 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.07 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

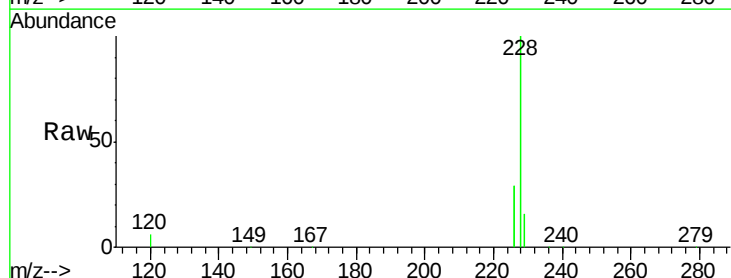
Tgt Ion:228 Resp: 358035

Ion Ratio Lower Upper

228 100

226 28.6 18.3 27.5#

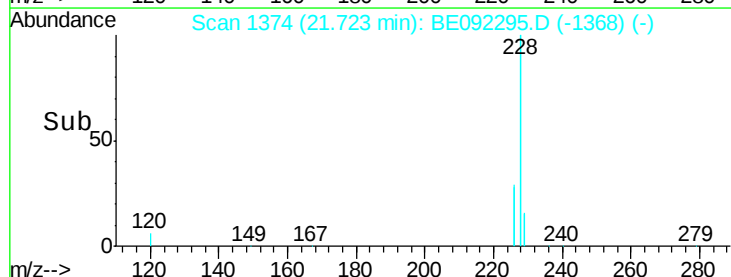
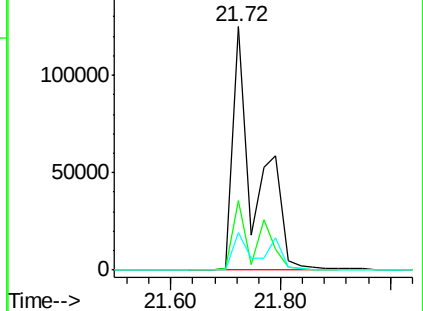
229 15.7 18.6 27.8#

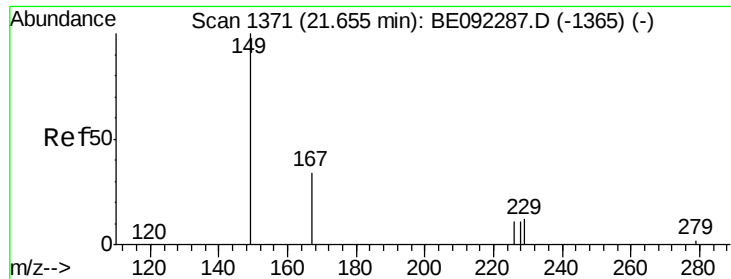


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 2.85 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

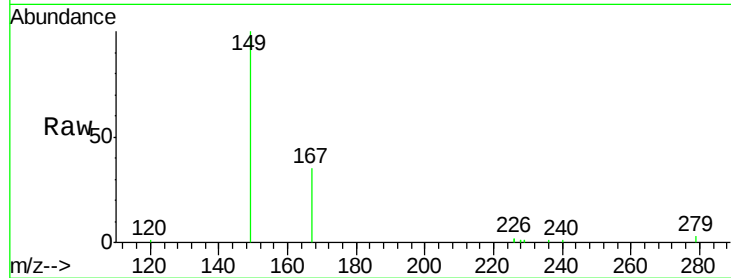
Tgt Ion:149 Resp: 12939

Ion Ratio Lower Upper

149 100

167 30.4 22.1 33.1

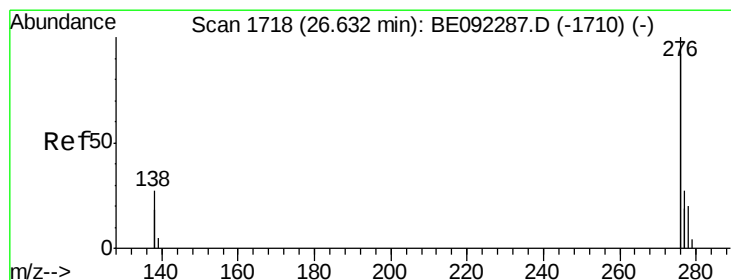
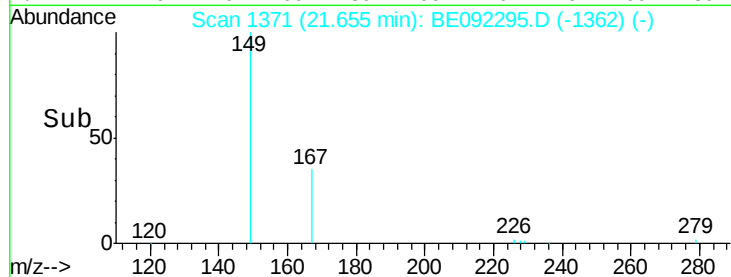
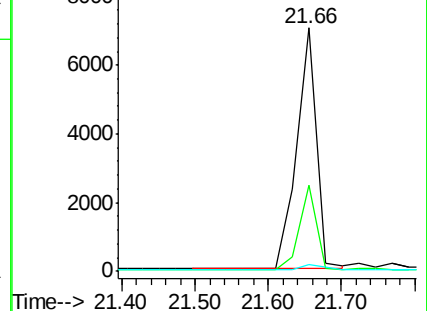
279 2.5 0.0 0.0#



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: 3.11 ng

RT: 26.62 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

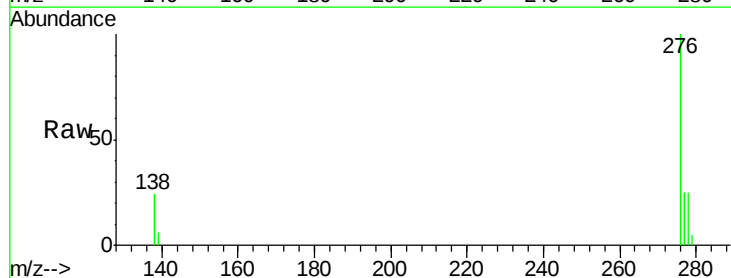
Tgt Ion:276 Resp: 205042

Ion Ratio Lower Upper

276 100

138 25.6 21.3 31.9

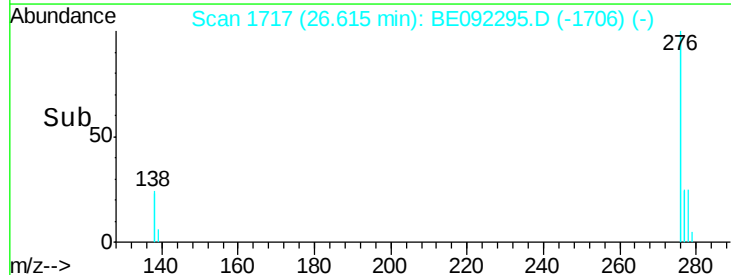
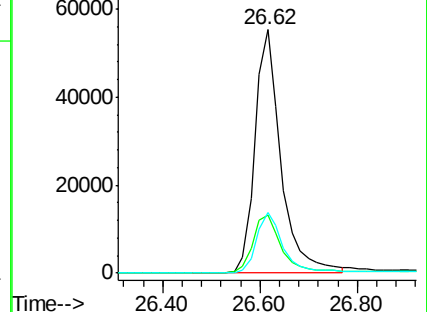
277 25.0 19.7 29.5

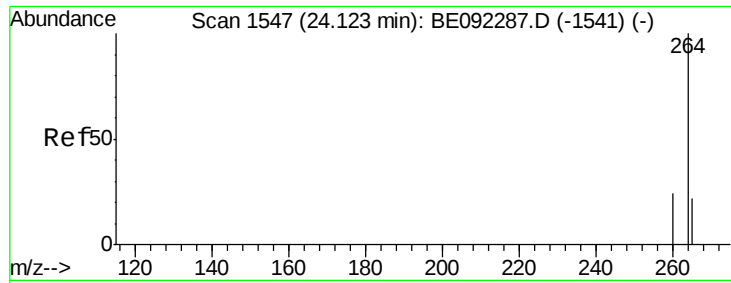


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.12 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

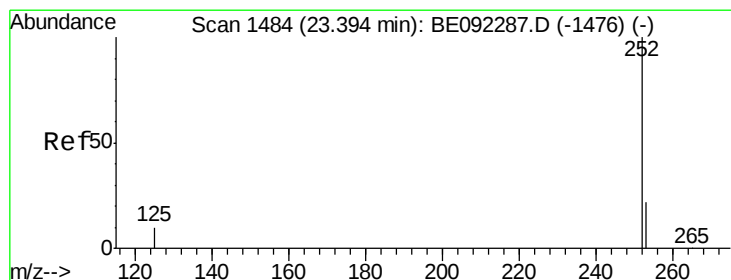
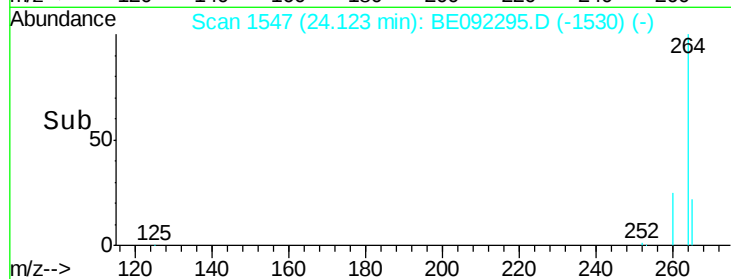
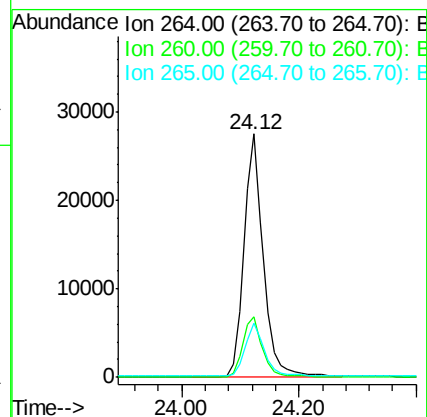
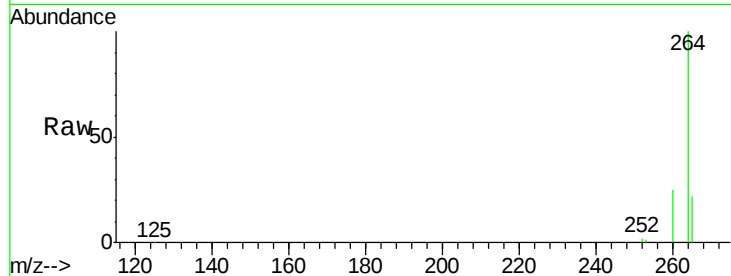
Tgt Ion:264 Resp: 62196

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.1 18.2 27.4



#32

Benzo(b)fluoranthene

Concen: 2.80 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

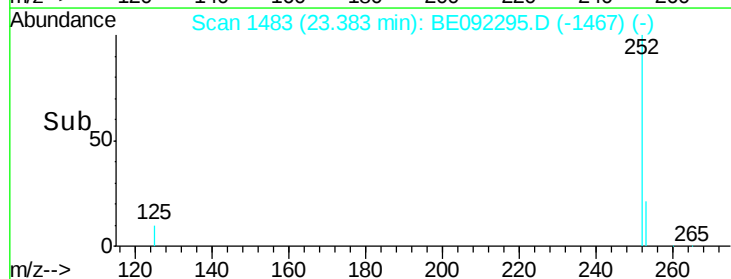
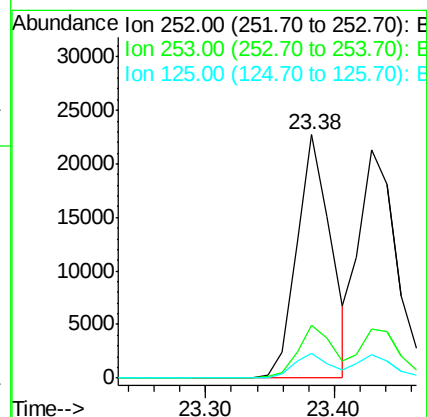
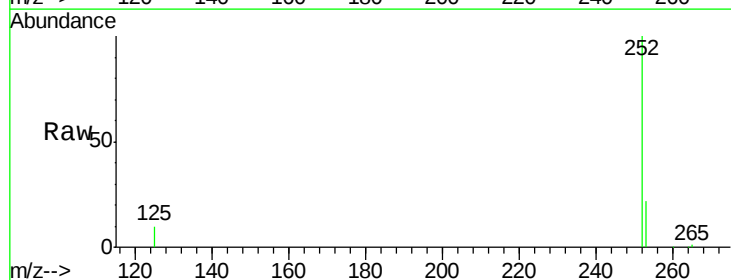
Tgt Ion:252 Resp: 41310

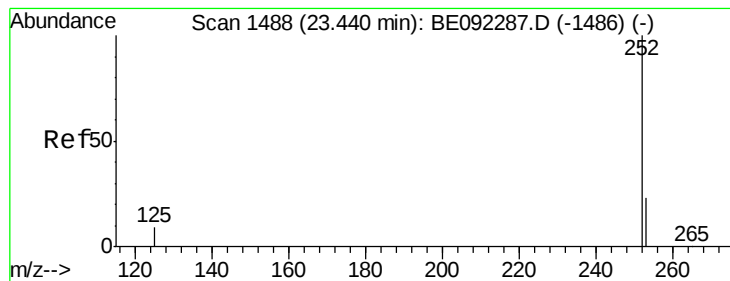
Ion Ratio Lower Upper

252 100

253 21.5 19.0 28.4

125 10.1 10.3 15.5#





#33

Benzo(k)fluoranthene

Concen: 2.67 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

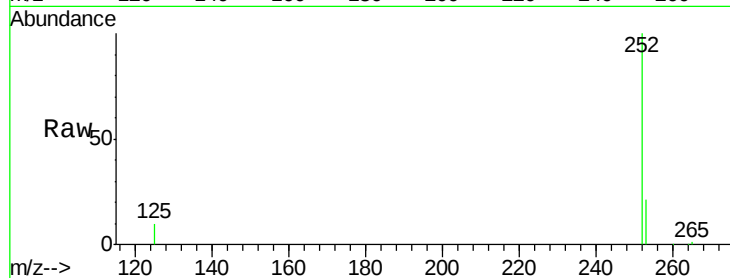
Tgt Ion:252 Resp: 44593

Ion Ratio Lower Upper

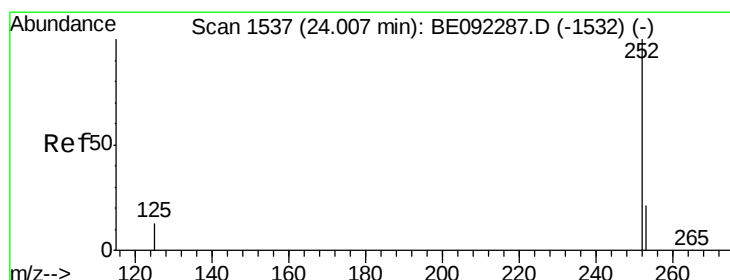
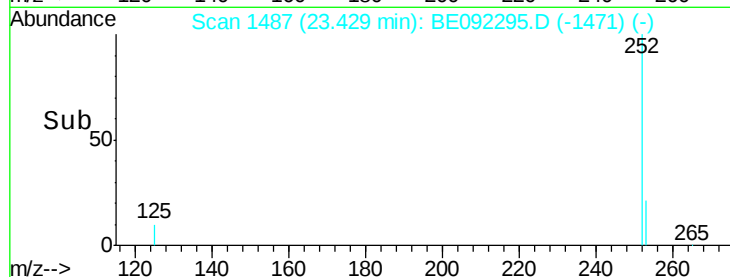
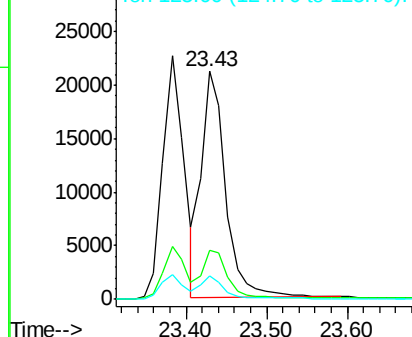
252 100

253 21.3 19.0 28.6

125 10.3 10.6 15.8#



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



#34

Benzo(a)pyrene

Concen: 2.79 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

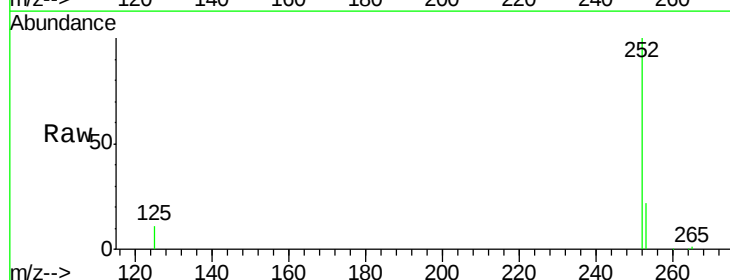
Tgt Ion:252 Resp: 41181

Ion Ratio Lower Upper

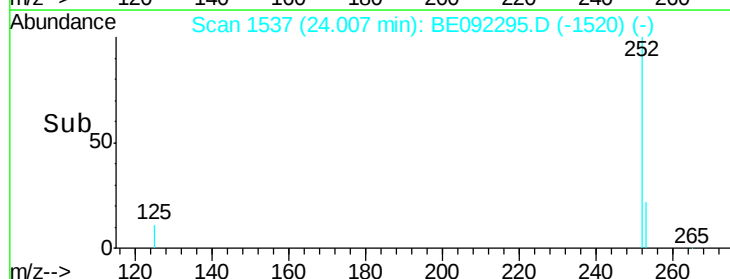
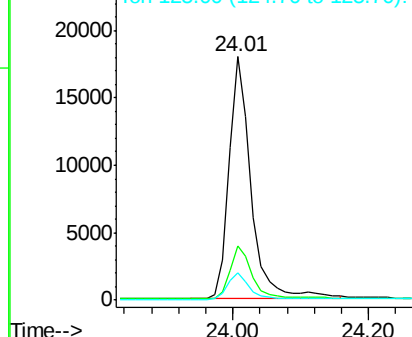
252 100

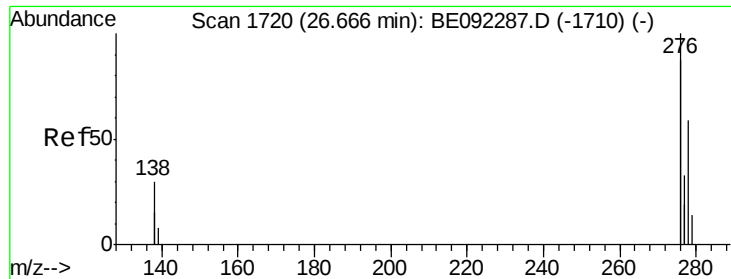
253 22.0 20.3 30.5

125 11.0 11.8 17.6#



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: 3.31 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.03 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

Instrument :

BNA_E

ClientSampleId :

PB93078BS

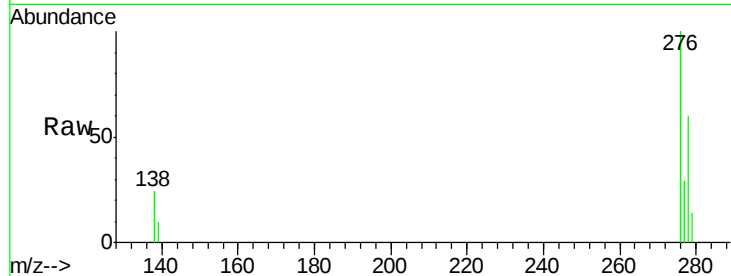
Tgt Ion:278 Resp: 42855

Ion Ratio Lower Upper

278 100

139 16.2 16.2 24.2

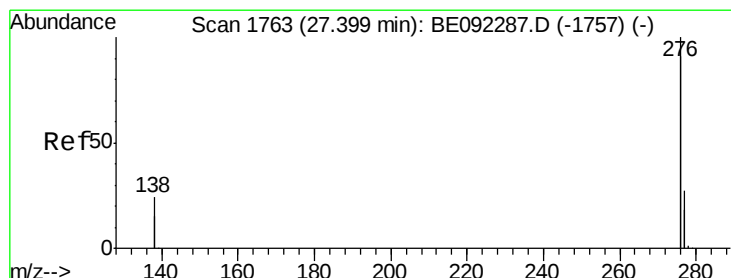
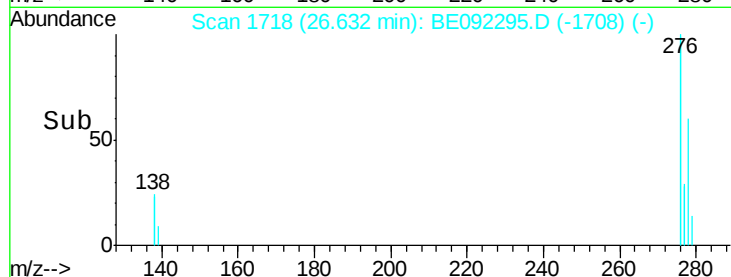
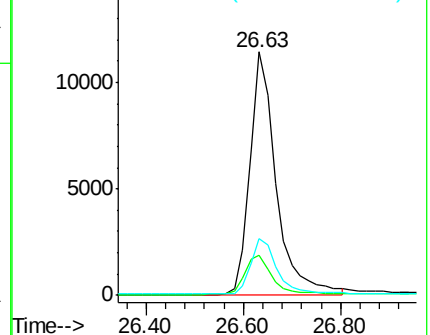
279 23.4 21.4 32.2



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: 3.15 ng

RT: 27.38 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BE092295.D

Acq: 29 Aug 2016 18:55

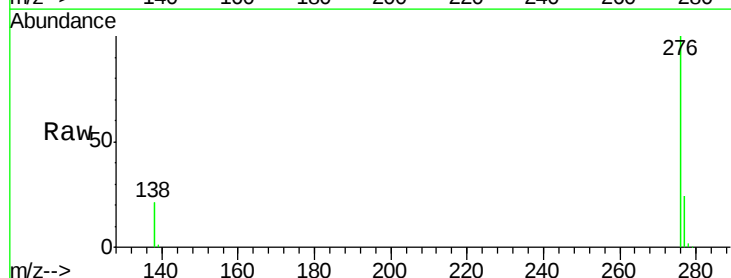
Tgt Ion:276 Resp: 182534

Ion Ratio Lower Upper

276 100

277 23.8 21.4 32.2

138 21.2 19.4 29.2



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

