

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
 Data File : BE092665.D
 Acq On : 19 Jan 2017 20:03
 Operator : UM/SJ
 Sample : PB96128BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96128BSD

Quant Time: Jan 20 01:30:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9257	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	40294	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	23788	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	50760	5.00	ng	0.00
24) Chrysene-d12	21.72	240	48972	5.00	ng	0.00
31) Perylene-d12	24.06	264	57126	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.64	112	19067	9.23	ng	-0.01
5) Phenol-d6	7.31	99	23491	9.27	ng	-0.02
8) Nitrobenzene-d5	9.29	82	12342	4.72	ng	-0.04
13) 2,4,6-Tribromophenol	16.27	330	5769	8.21	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	25099	4.29	ng	-0.02
26) Terphenyl-d14	20.14	244	29794	4.30	ng	-0.02

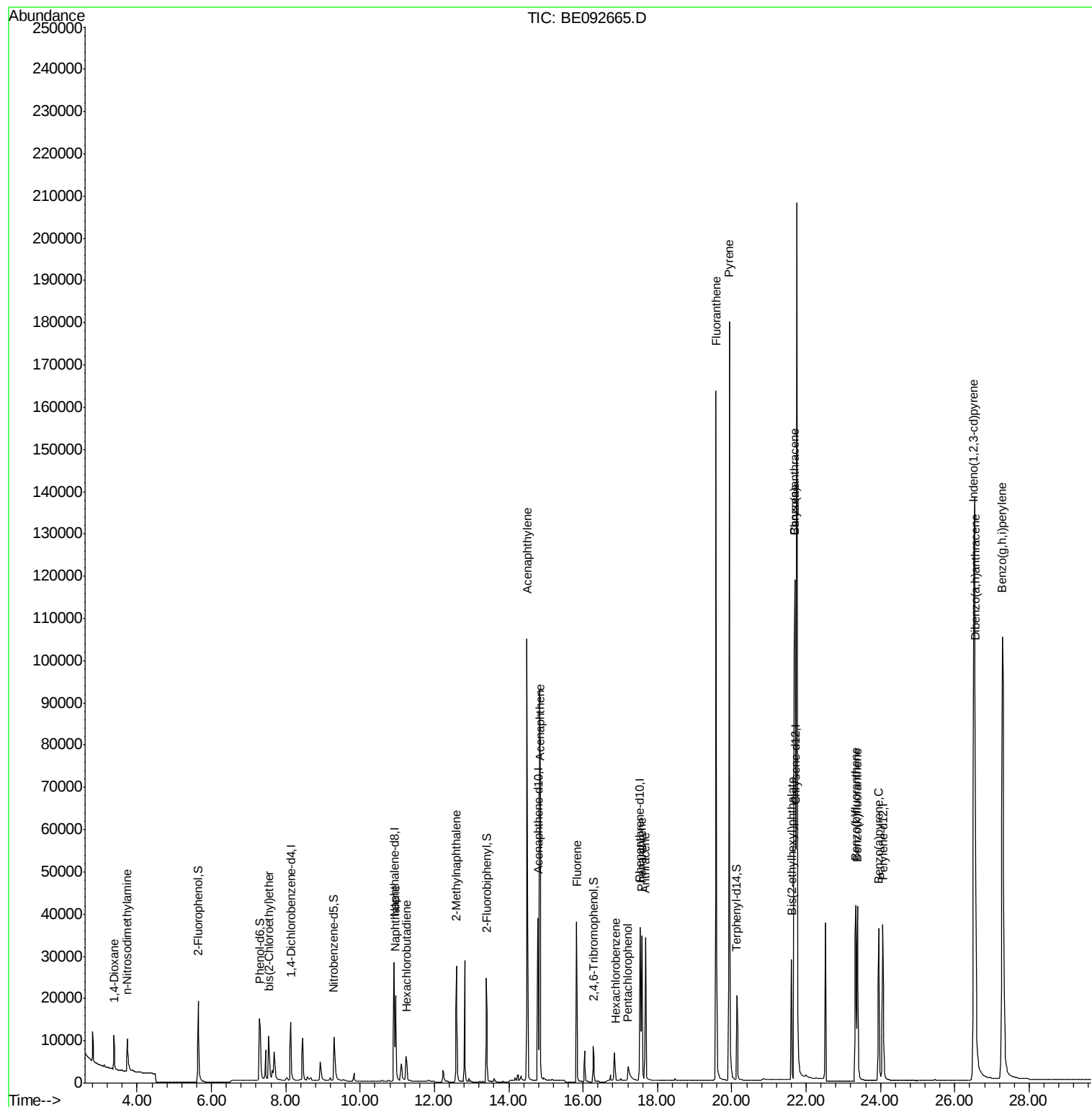
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	4768	3.82	ng	# 68
3) n-Nitrosodimethylamine	3.73	42	7397	4.43	ng	# 91
6) bis(2-Chloroethyl)ether	7.54	93	11498	4.28	ng	96
9) Naphthalene	10.95	128	34787	4.13	ng	# 96
10) Hexachlorobutadiene	11.24	225	5245	4.22	ng	99
11) 2-Methylnaphthalene	12.59	142	22334	4.28	ng	93
15) Acenaphthylene	14.49	152	141457	4.32	ng	100
16) Acenaphthene	14.85	154	21620	4.11	ng	93
17) Fluorene	15.83	166	27562	4.18	ng	100
19) Hexachlorobenzene	16.87	284	7192	4.33	ng	# 39
20) Pentachlorophenol	17.21	266	6185	11.85	ng	# 87
21) Phenanthrene	17.58	178	44721	3.99	ng	94
22) Anthracene	17.67	178	44951	4.35	ng	99
23) Fluoranthene	19.58	202	202857	4.08	ng	99
25) Pyrene	19.93	202	214102	4.44	ng	99
27) Benzo(a)anthracene	21.70	228	198439	4.11	ng	# 72
28) Chrysene	21.70	228	198439	3.66	ng	# 55
29) Bis(2-ethylhexyl)phthalate	21.61	149	31845	3.42	ng	# 71
30) Indeno(1,2,3-cd)pyrene	26.51	276	304941	5.20	ng	98
32) Benzo(b)fluoranthene	23.34	252	62223	4.50	ng	# 96
33) Benzo(k)fluoranthene	23.38	252	58689	4.23	ng	95
34) Benzo(a)pyrene	23.95	252	60347	4.65	ng	# 95
35) Dibenzo(a,h)anthracene	26.55	278	62995	4.96	ng	95
36) Benzo(g,h,i)perylene	27.28	276	262972	4.90	ng	98

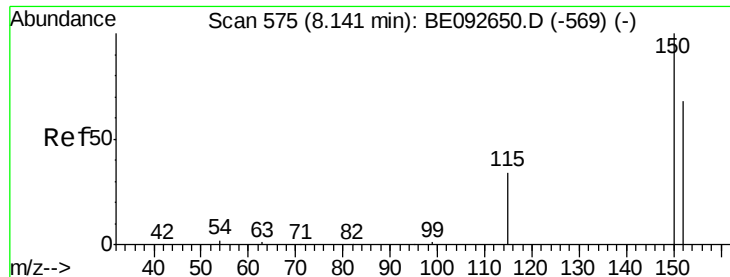
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

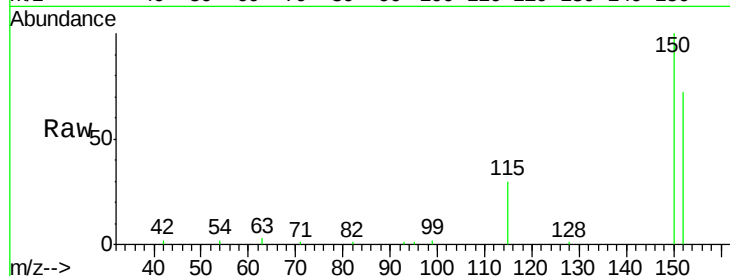
Tgt Ion:152 Resp: 9257

Ion Ratio Lower Upper

152 100

150 138.7 106.0 159.0

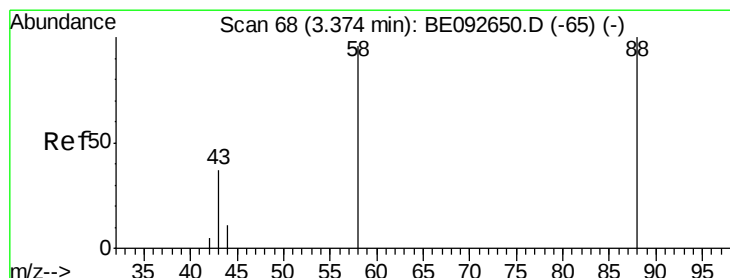
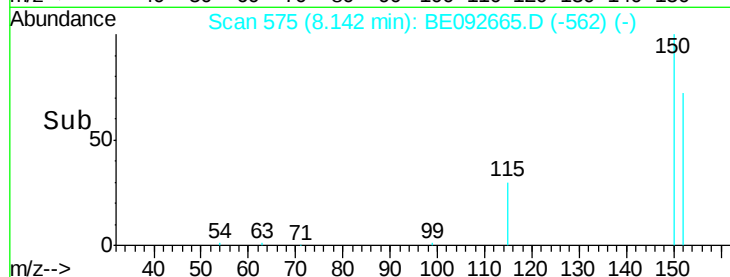
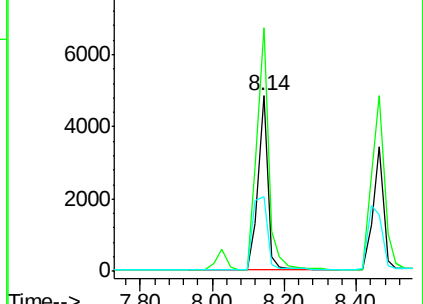
115 42.3 31.2 46.8



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: 3.82 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

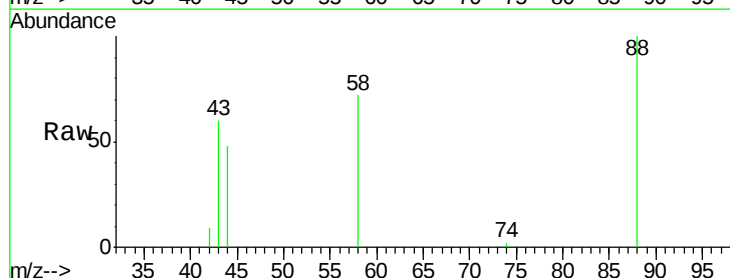
Tgt Ion: 88 Resp: 4768

Ion Ratio Lower Upper

88 100

58 95.4 63.6 95.4#

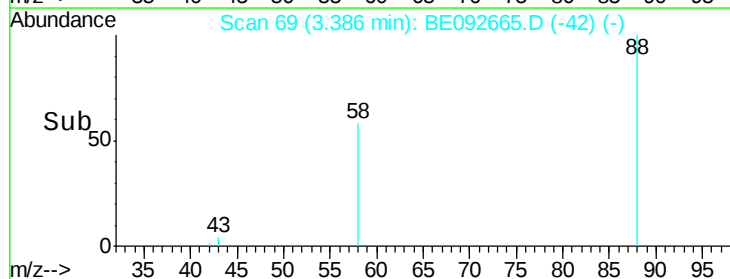
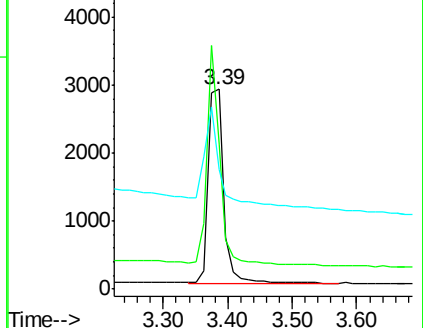
43 71.5 28.0 42.0#

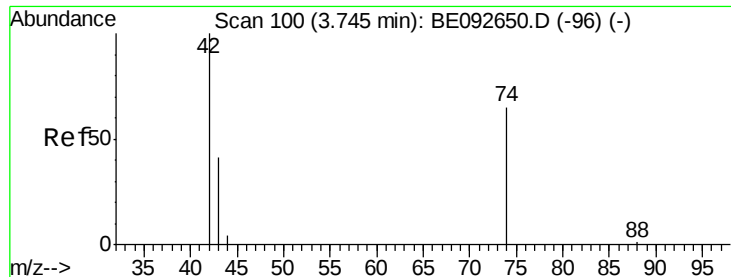


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.43 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.01 min

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Instrument :

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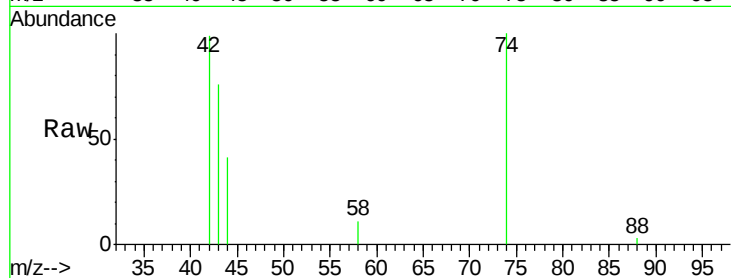
Tgt Ion: 42 Resp: 7397

Ion Ratio Lower Upper

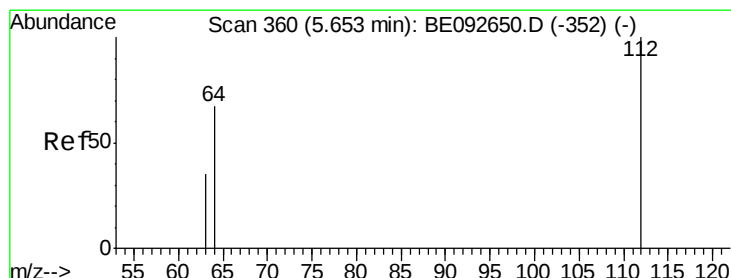
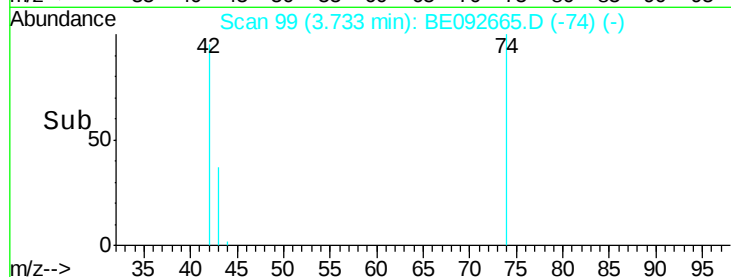
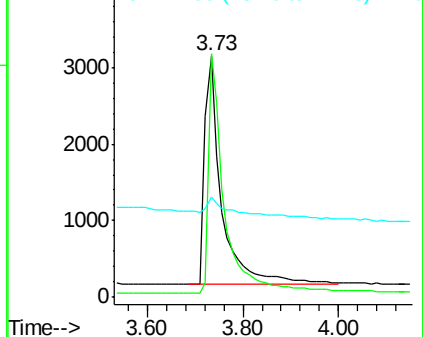
42 100

74 99.6 86.0 129.0

44 15.9 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: 9.23 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

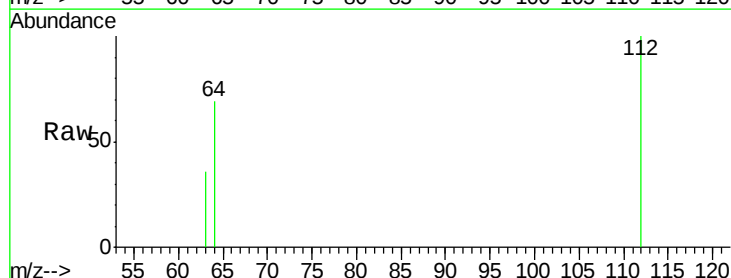
Tgt Ion: 112 Resp: 19067

Ion Ratio Lower Upper

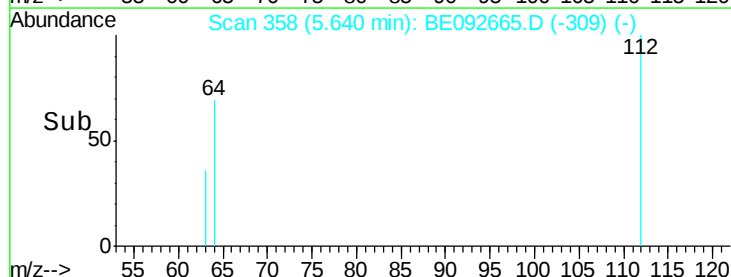
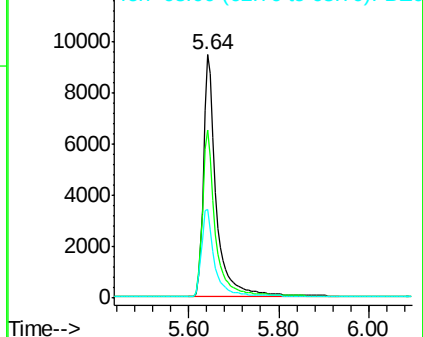
112 100

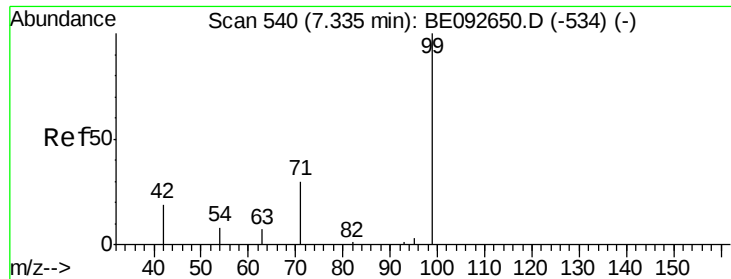
64 69.0 53.5 80.3

63 37.0 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: 9.27 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

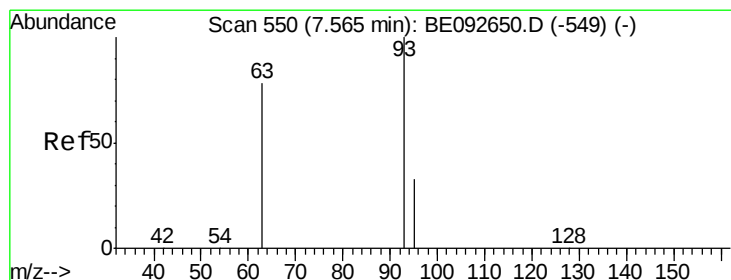
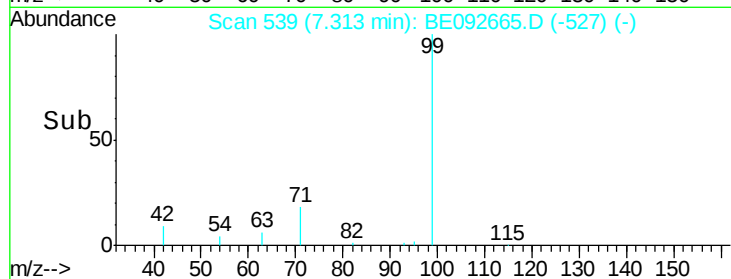
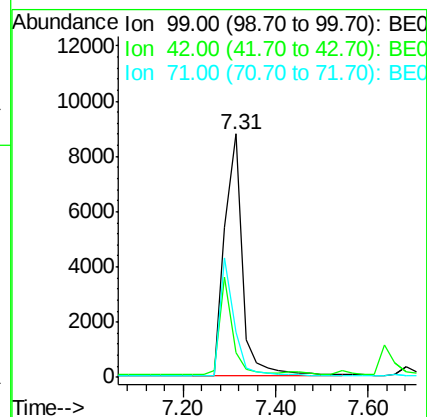
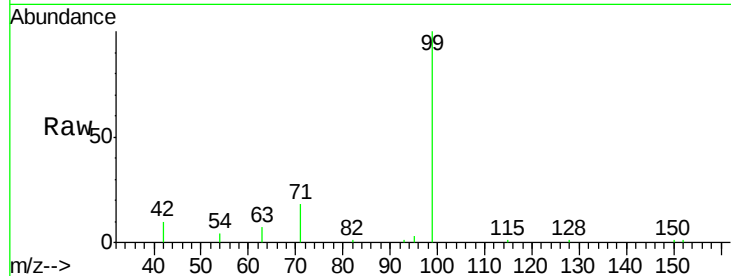
Tgt Ion: 99 Resp: 23491

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



#6

bis(2-Chloroethyl)ether

Concen: 4.28 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

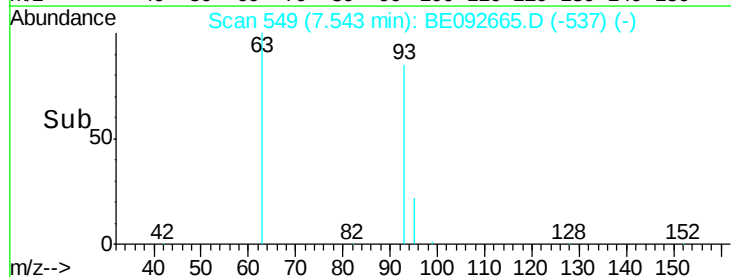
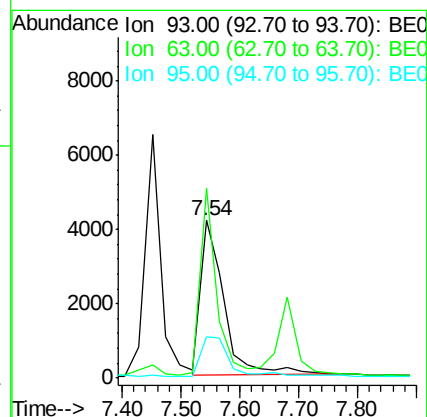
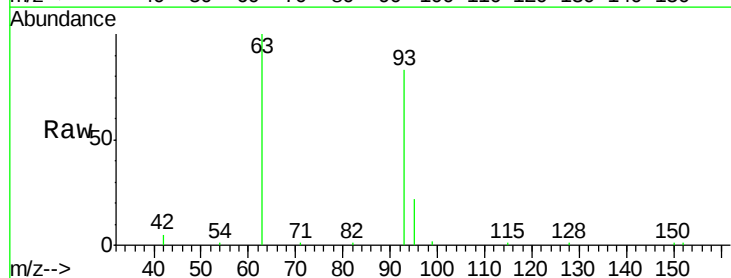
Tgt Ion: 93 Resp: 11498

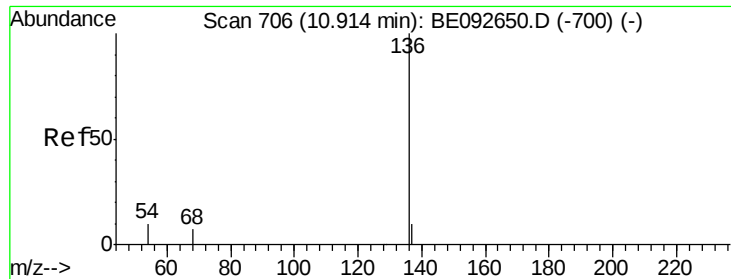
Ion Ratio Lower Upper

93 100

63 84.7 71.6 107.4

95 30.9 24.0 36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

Tgt Ion:136 Resp: 40294

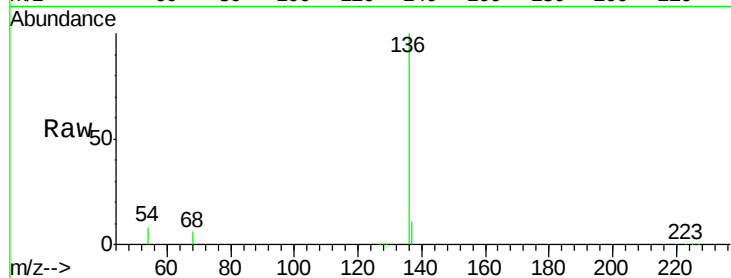
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.8 9.6 14.4#

68 5.7 6.7 10.1#

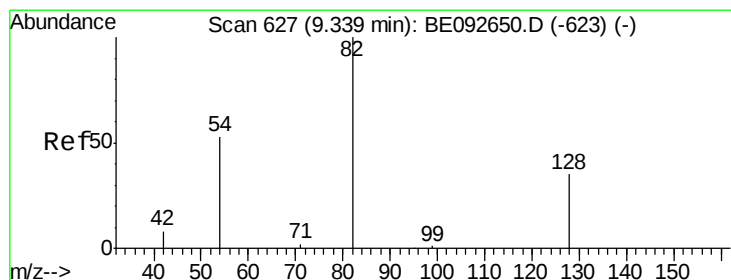
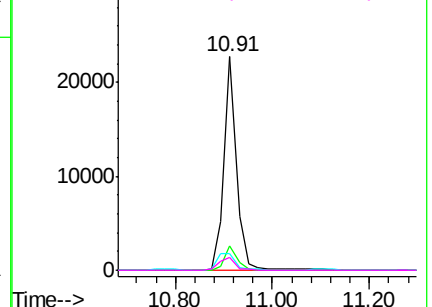
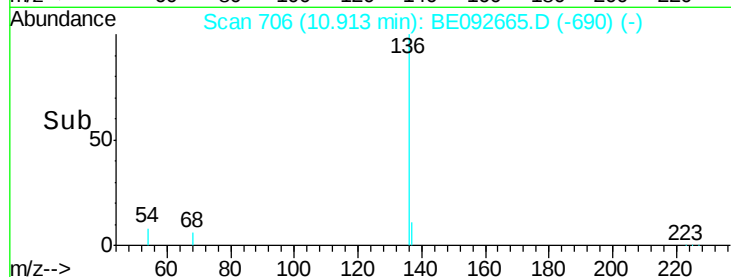


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.72 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.04 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

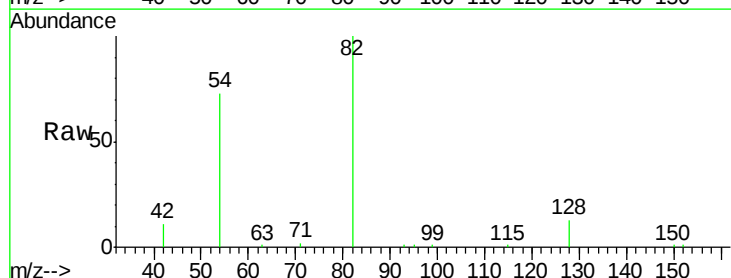
Tgt Ion: 82 Resp: 12342

Ion Ratio Lower Upper

82 100

128 13.0 39.0 58.4#

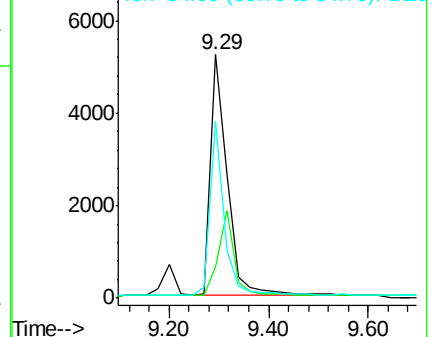
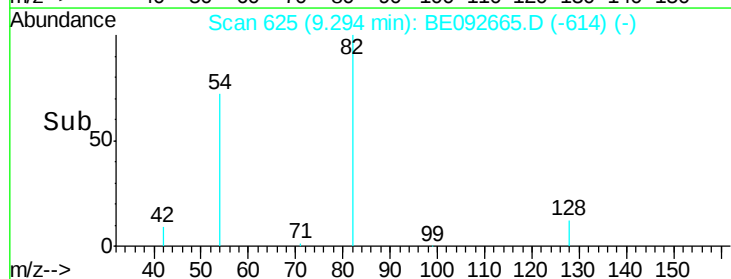
54 72.6 44.8 67.2#

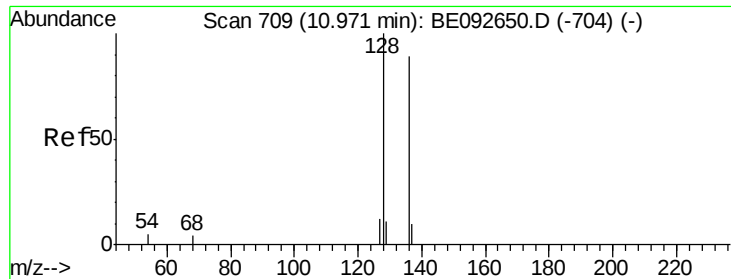


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.13 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

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Acq: 19 Jan 2017 20:03

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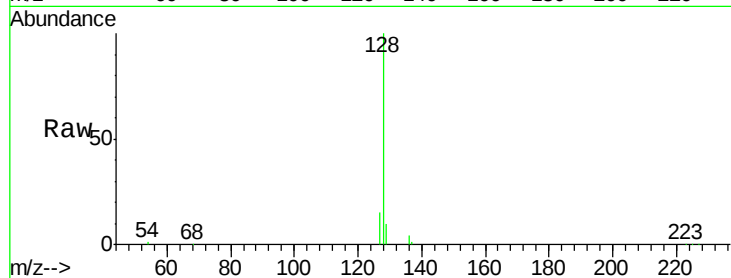
Tgt Ion:128 Resp: 34787

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

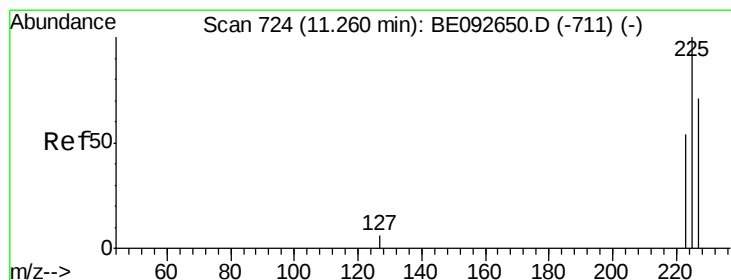
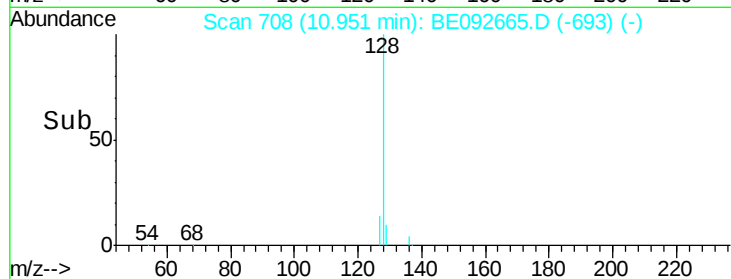
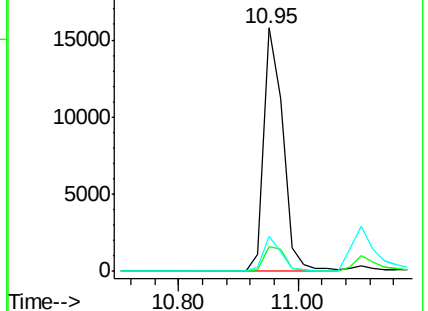
127 14.5 11.6 17.4



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: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

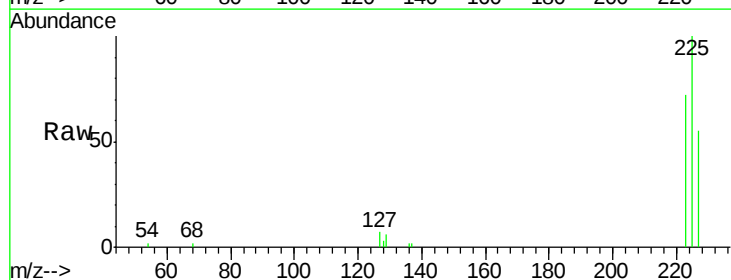
Tgt Ion:225 Resp: 5245

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

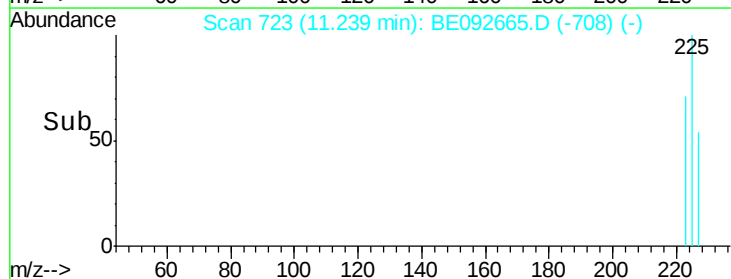
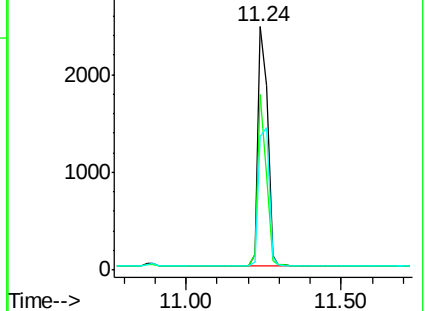
227 63.7 51.4 77.0

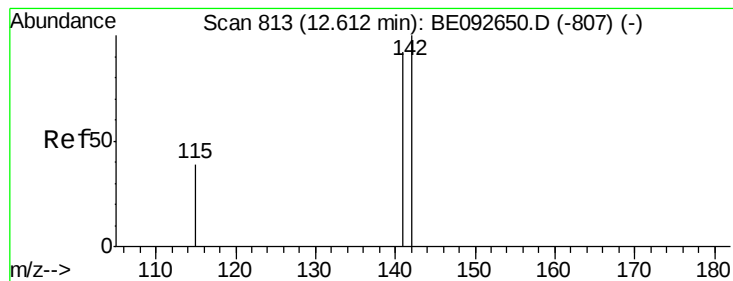


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.59 min Scan# 811

Delta R.T. -0.02 min

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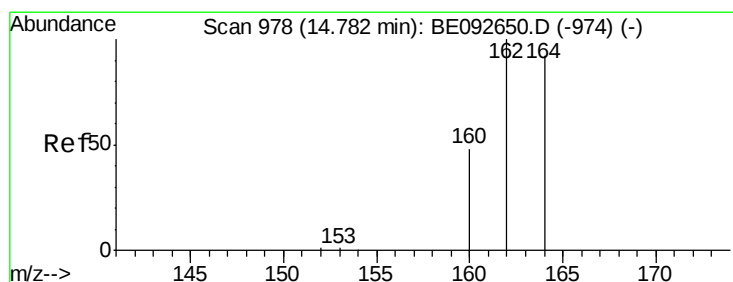
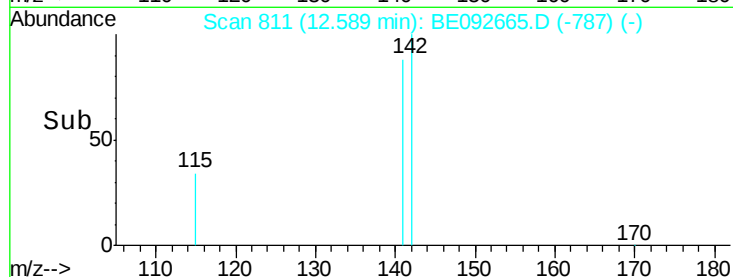
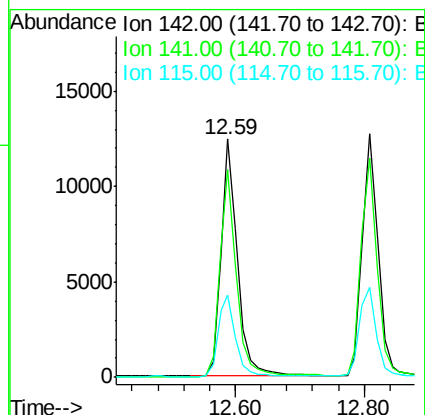
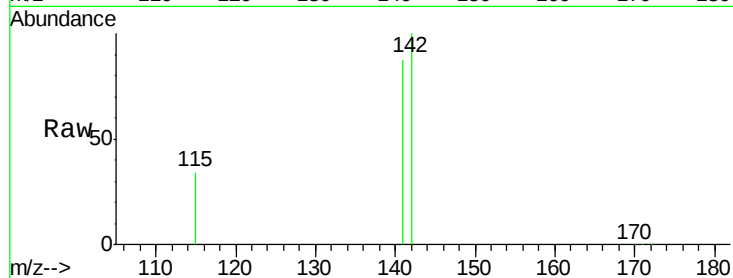
Tgt Ion:142 Resp: 22334

Ion Ratio Lower Upper

142 100

141 87.3 73.7 110.5

115 34.4 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

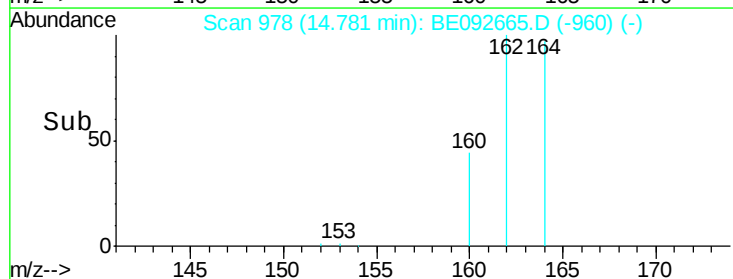
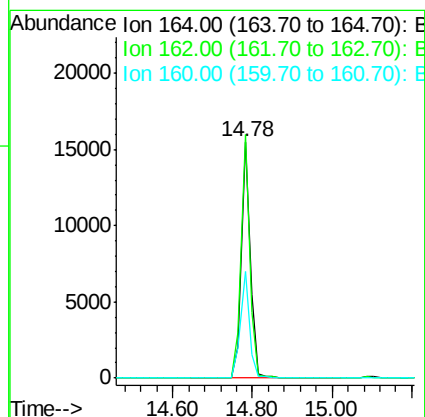
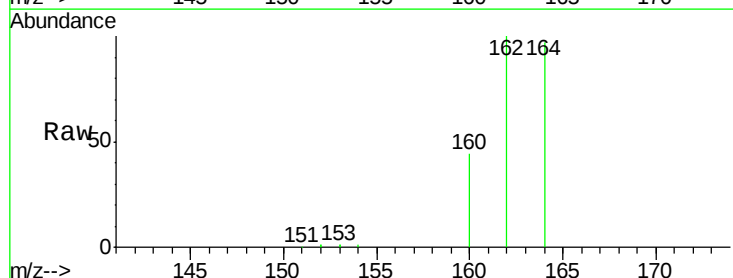
Tgt Ion:164 Resp: 23788

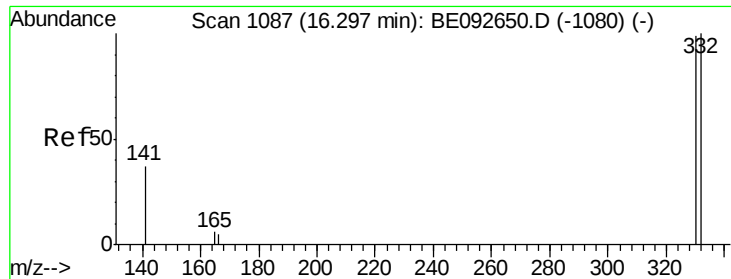
Ion Ratio Lower Upper

164 100

162 103.1 71.4 107.0

160 45.2 27.4 41.2#

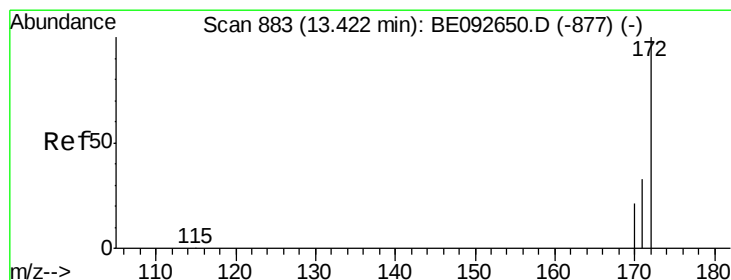
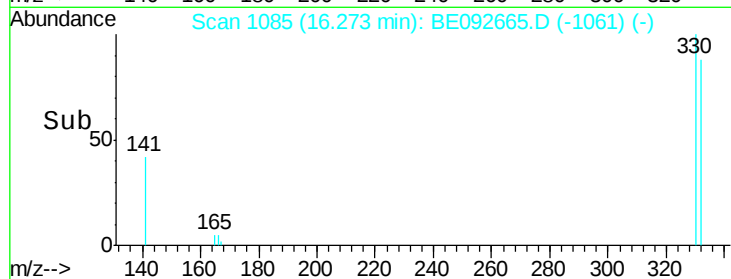
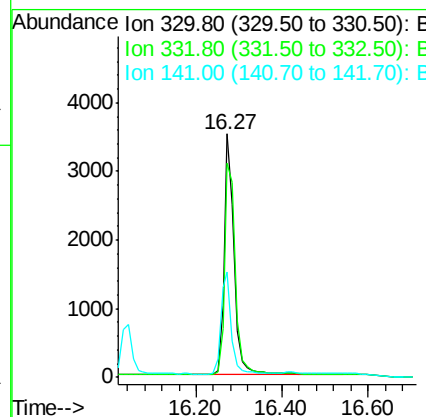
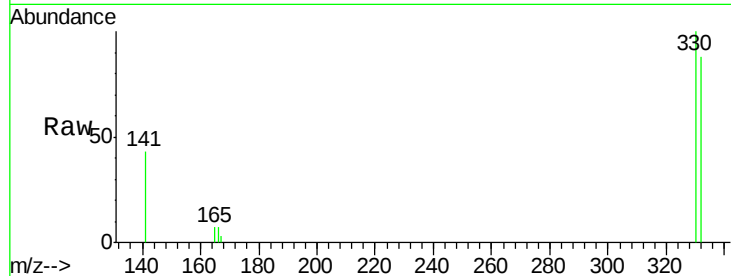




#13
 2,4,6-Tribromophenol
 Concen: 8.21 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092665.D
 Acq: 19 Jan 2017 20:03

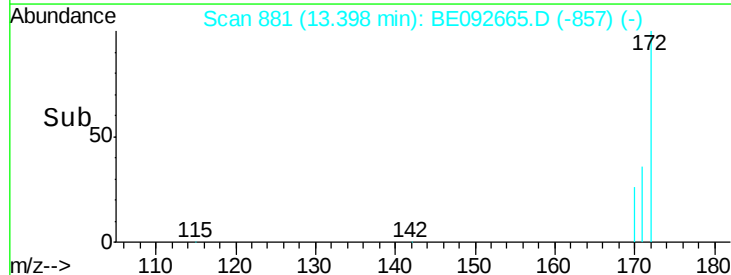
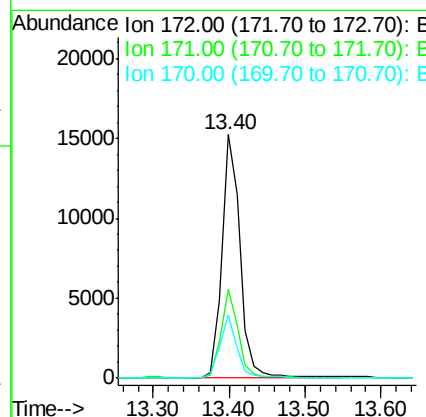
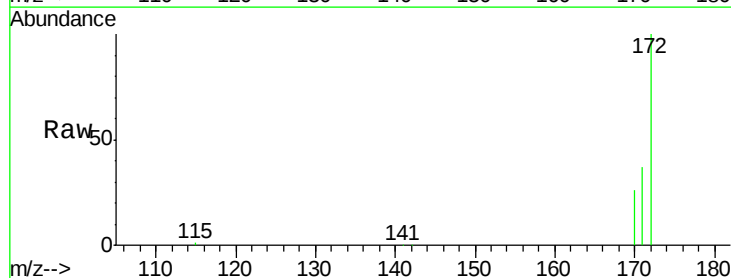
Instrument :
 BNA_E
 ClientSampleId :
 PB96128BSD

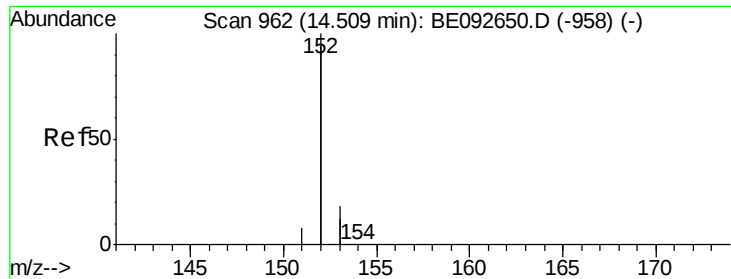
Tgt Ion:330 Resp: 5769
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 44.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.29 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092665.D
 Acq: 19 Jan 2017 20:03

Tgt Ion:172 Resp: 25099
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.1 45.1
 170 25.8 21.8 32.6





#15

Acenaphthylene

Concen: 4.32 ng

RT: 14.49 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

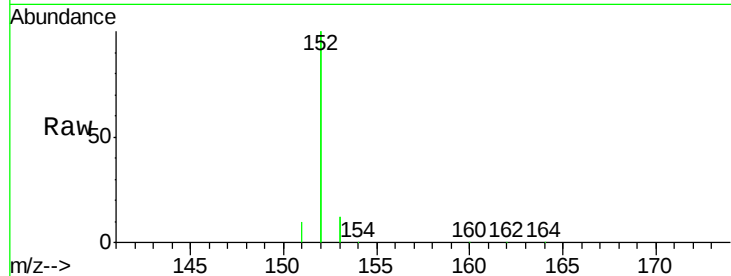
Tgt Ion:152 Resp: 141457

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

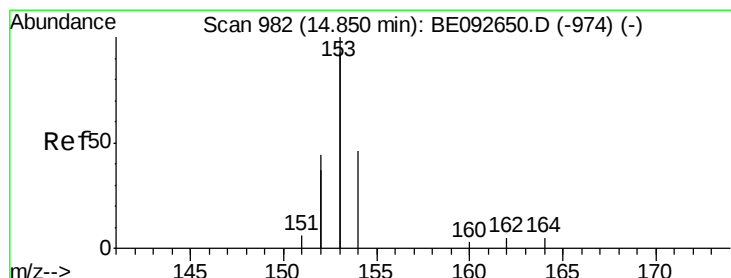
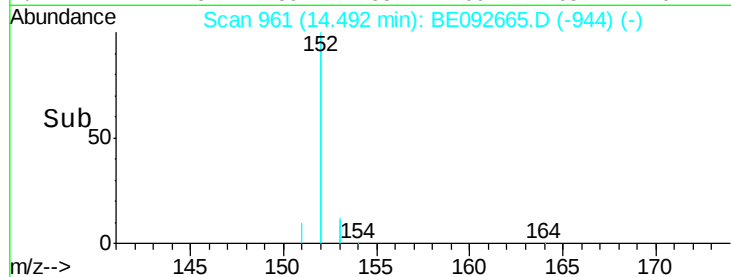
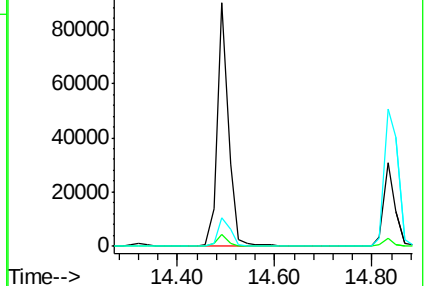
153 13.2 10.4 15.6



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: 4.11 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

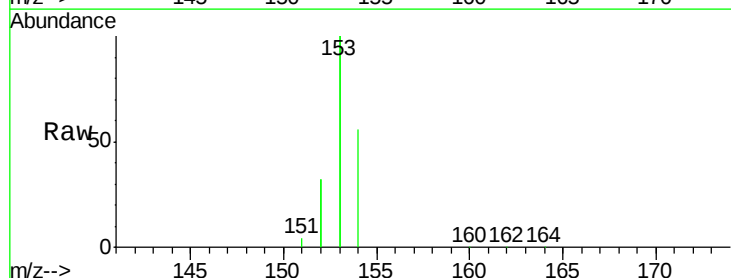
Tgt Ion:154 Resp: 21620

Ion Ratio Lower Upper

154 100

153 455.8 350.8 526.2

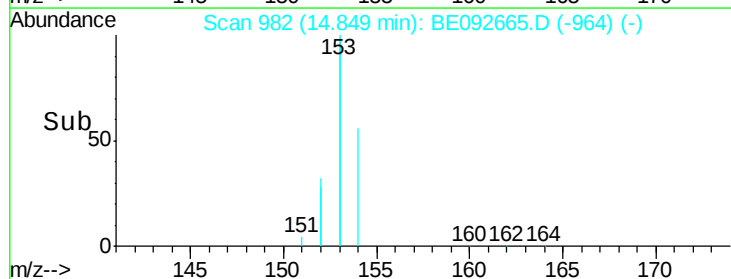
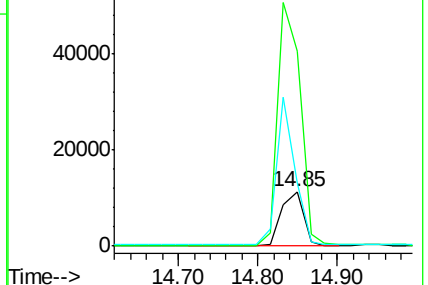
152 227.1 171.1 256.7

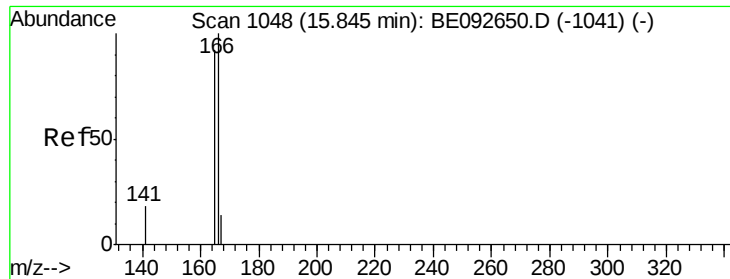


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 4.18 ng

RT: 15.83 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

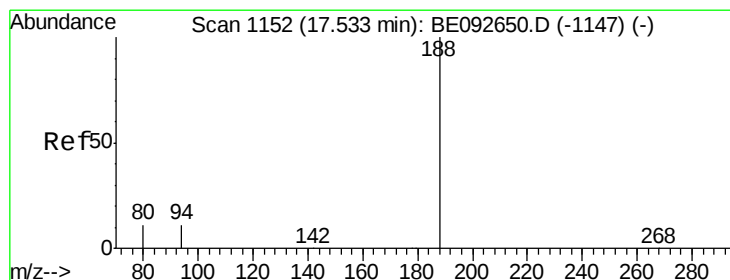
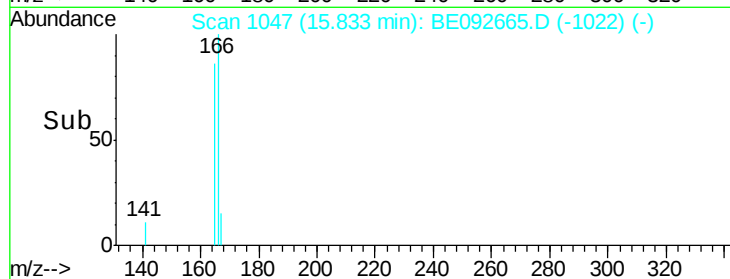
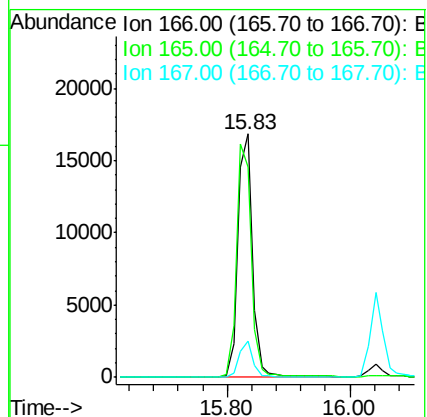
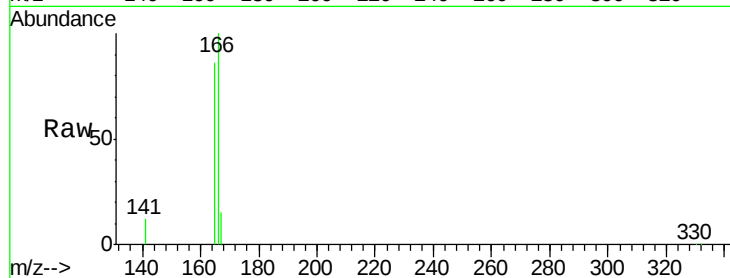
Tgt Ion:166 Resp: 27562

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.4

167 13.7 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

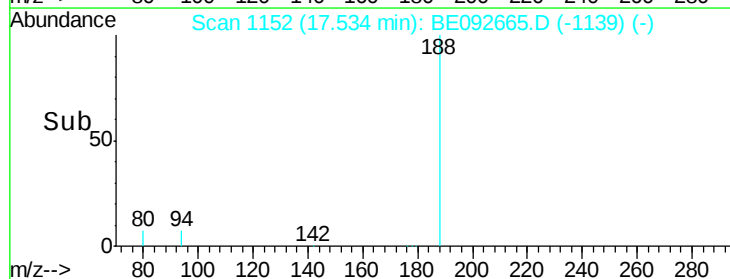
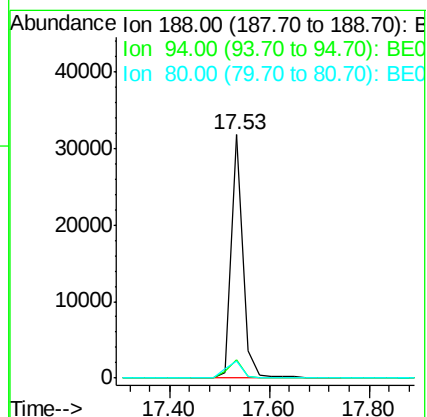
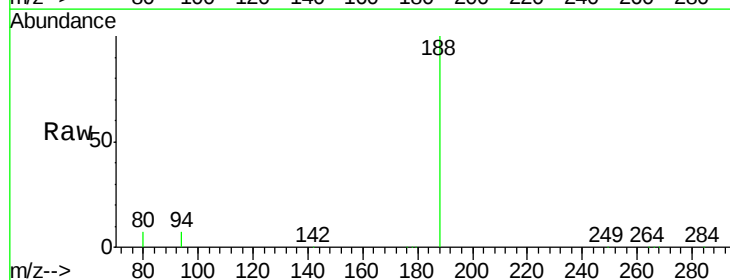
Tgt Ion:188 Resp: 50760

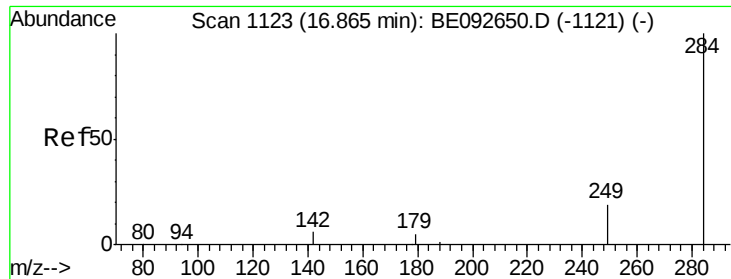
Ion Ratio Lower Upper

188 100

94 7.4 3.2 4.8#

80 6.9 2.6 3.8#

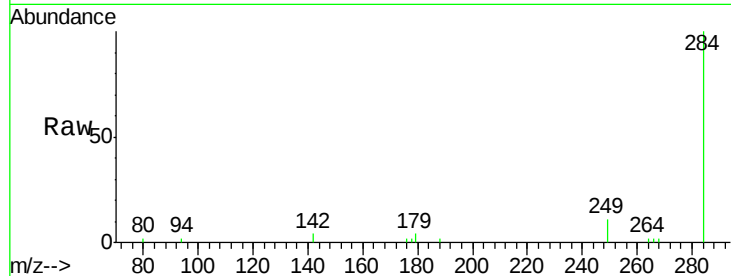




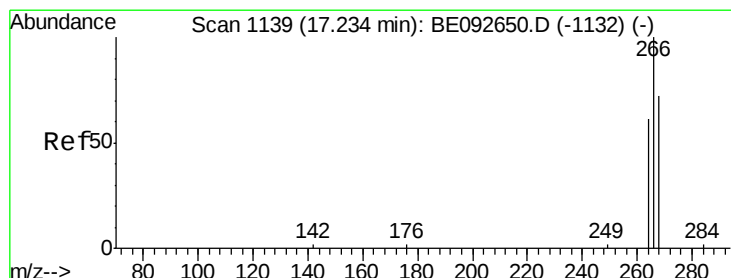
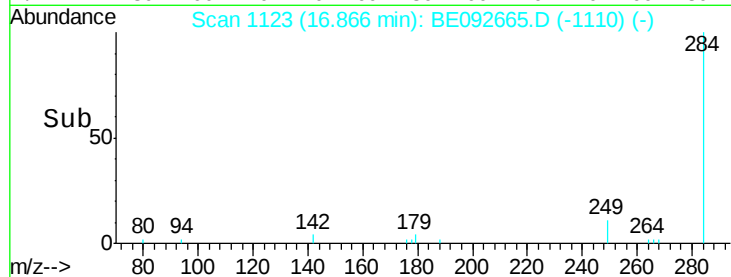
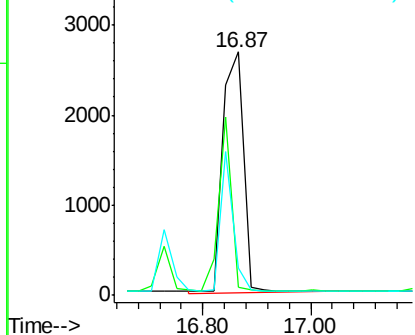
#19
Hexachlorobenzene
Concen: 4.33 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion: 284 Resp: 7192
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

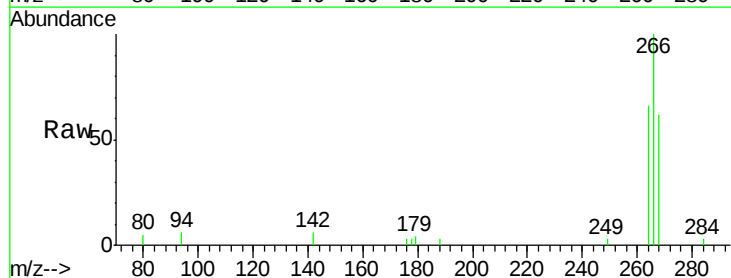


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

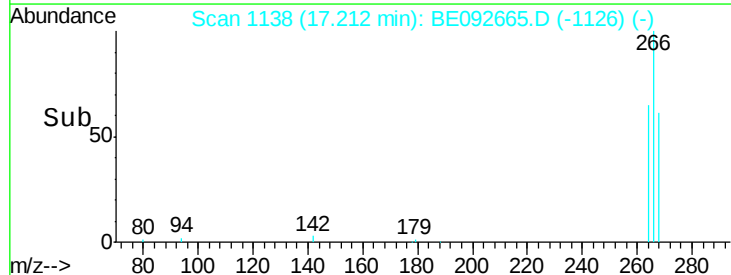
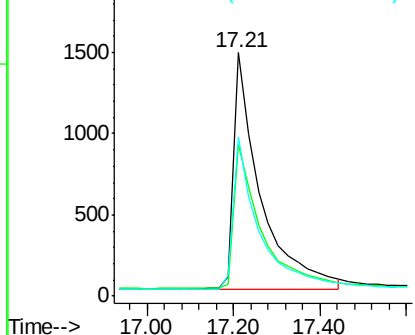


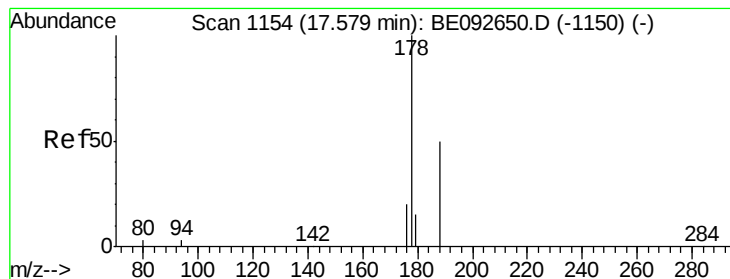
#20
Pentachlorophenol
Concen: 11.85 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion: 266 Resp: 6185
Ion Ratio Lower Upper
266 100
268 62.3 62.5 93.7#
264 65.5 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: 3.99 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

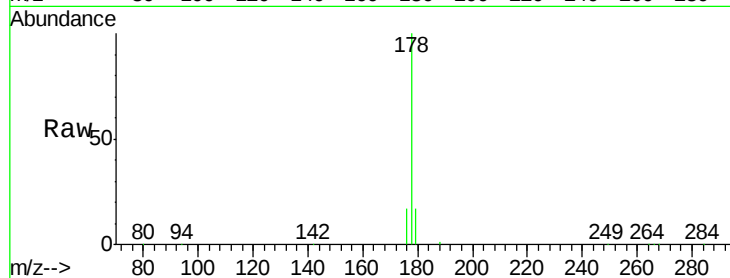
Tgt Ion:178 Resp: 44721

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

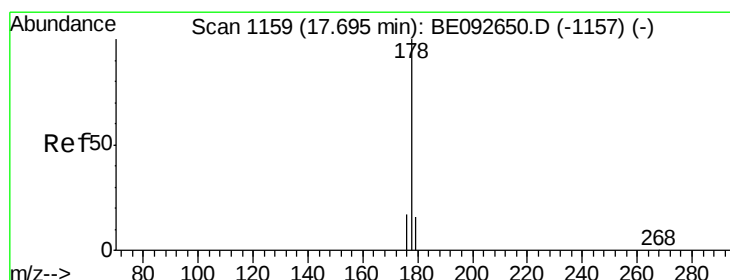
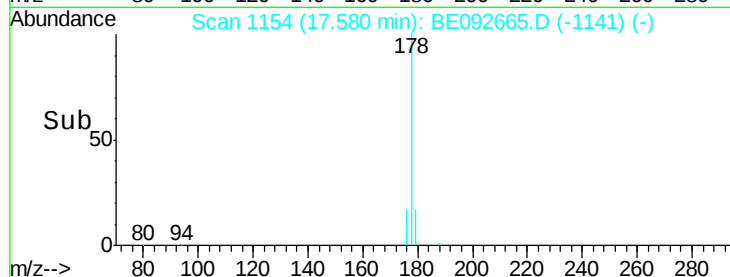
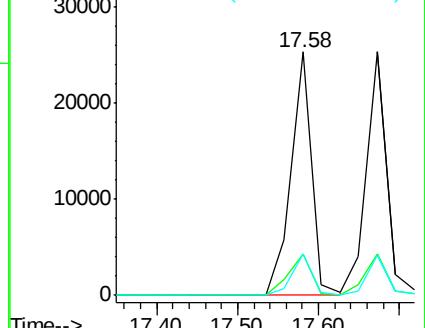
179 16.0 16.0 24.0



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: 4.35 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

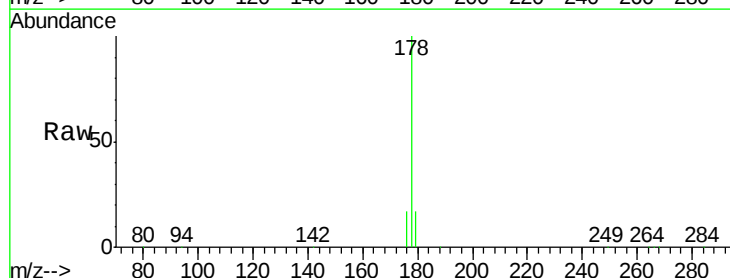
Tgt Ion:178 Resp: 44951

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

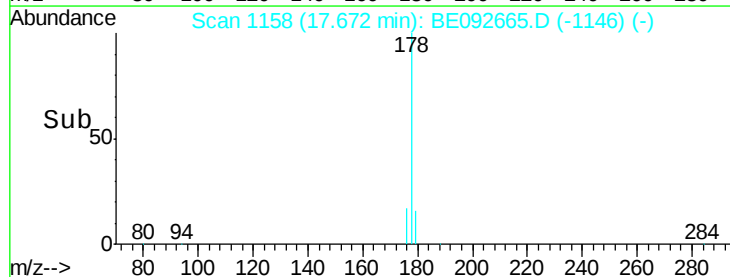
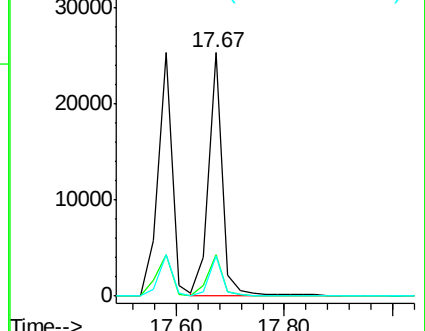
179 15.9 12.2 18.2

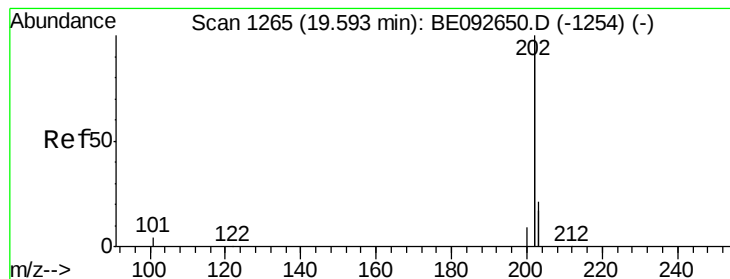


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.08 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

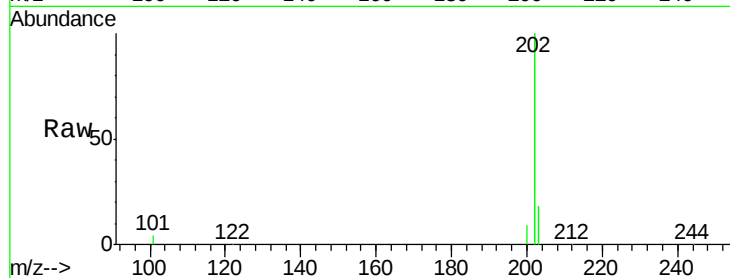
Tgt Ion: 202 Resp: 202857

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

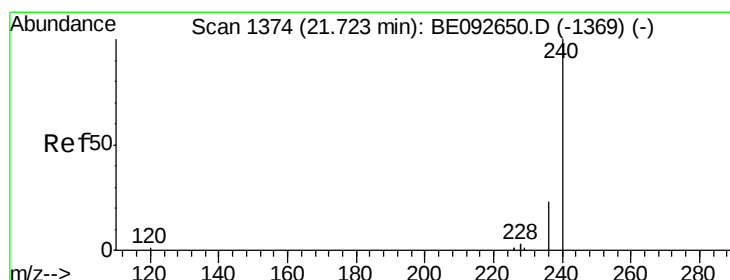
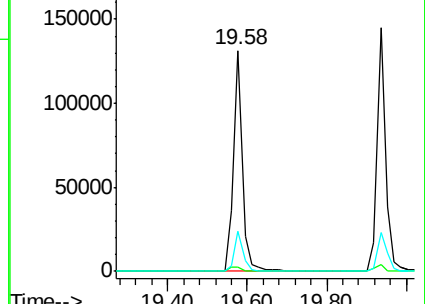
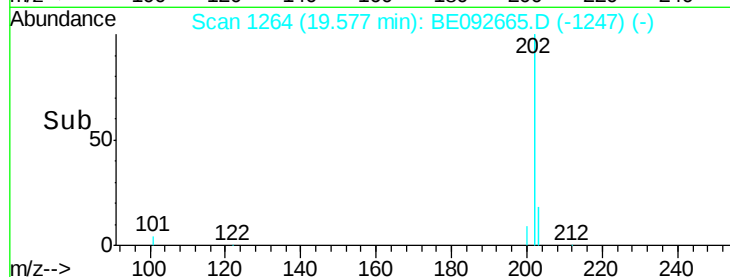
203 17.5 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

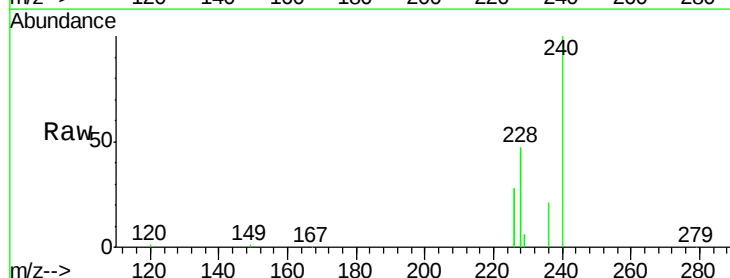
Tgt Ion: 240 Resp: 48972

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

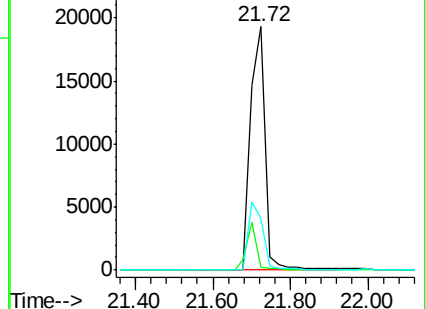
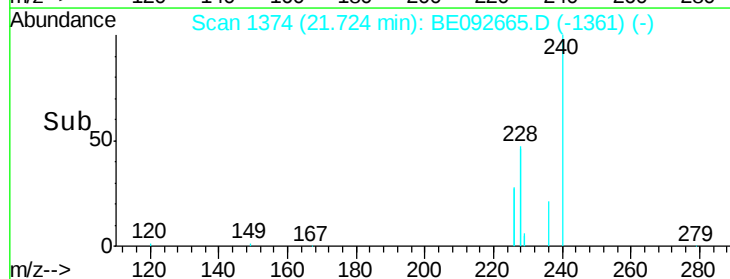
236 21.1 24.6 37.0#

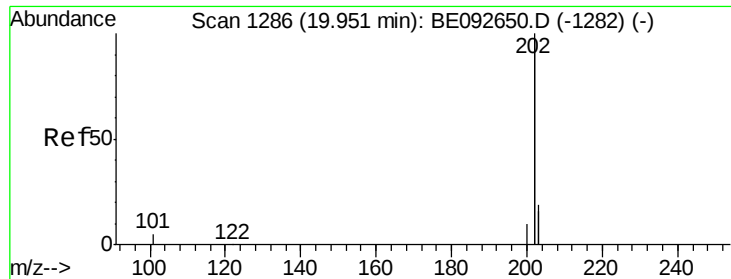


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 4.44 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

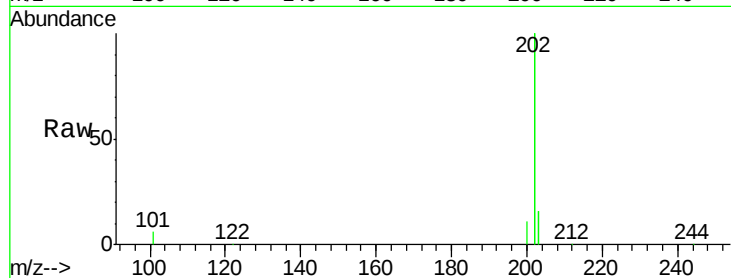
Tgt Ion:202 Resp: 214102

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

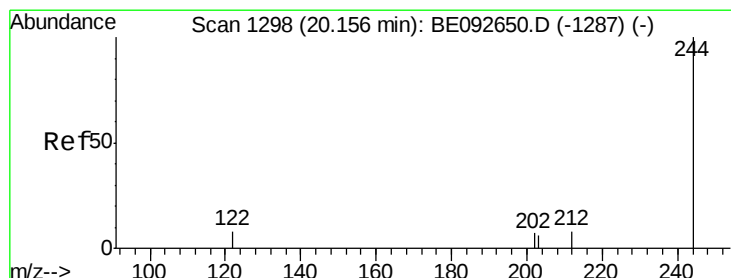
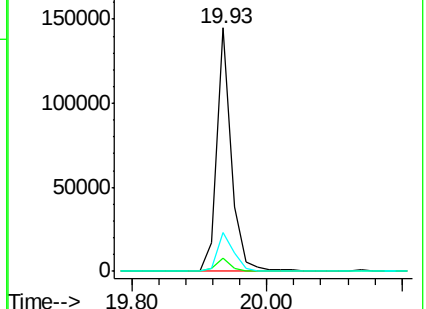
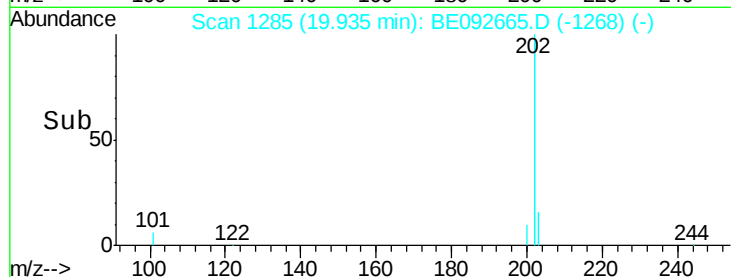
203 18.1 13.9 20.9



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: 4.30 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

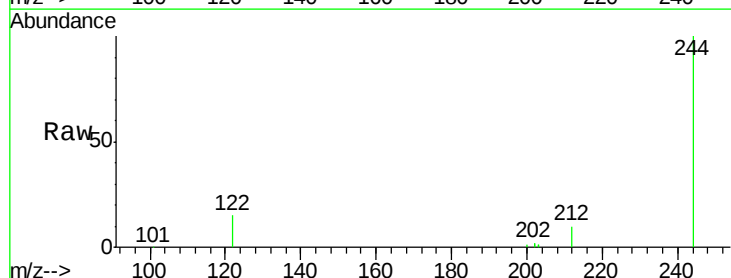
Tgt Ion:244 Resp: 29794

Ion Ratio Lower Upper

244 100

212 10.2 6.7 10.1#

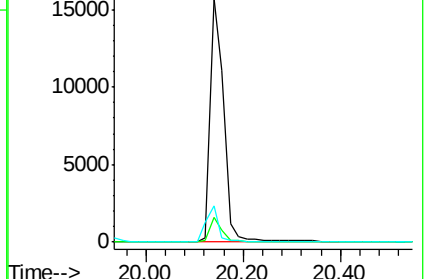
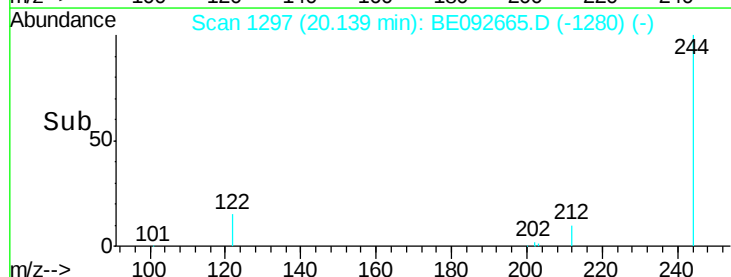
122 14.8 3.6 5.4#

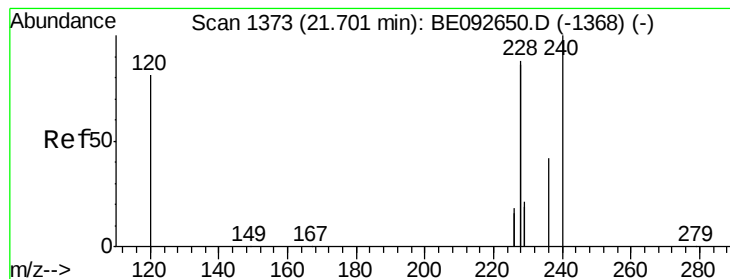


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 4.11 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

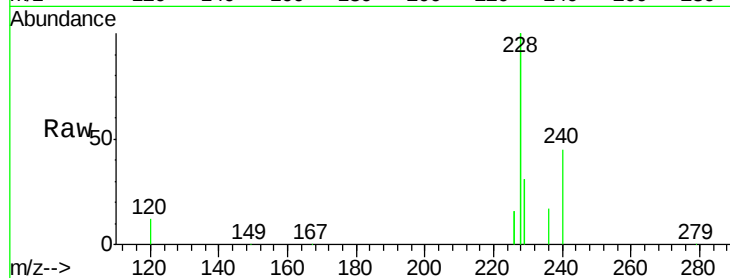
Tgt Ion:228 Resp: 198439

Ion Ratio Lower Upper

228 100

226 16.1 23.6 35.4#

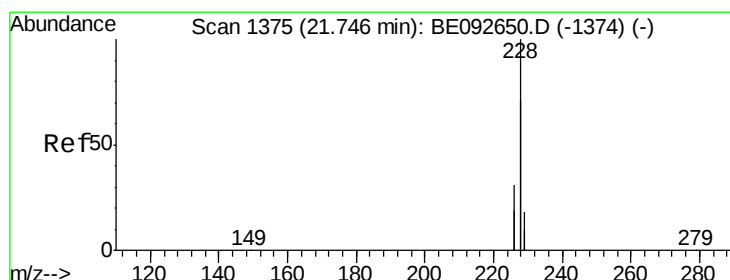
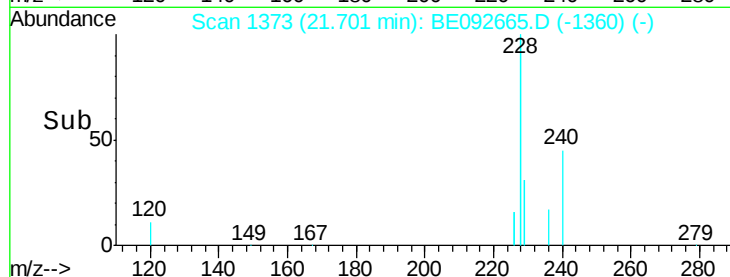
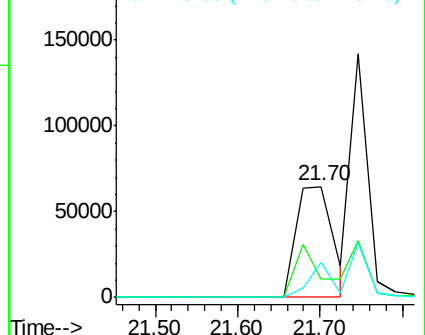
229 31.1 13.3 19.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 3.66 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.04 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

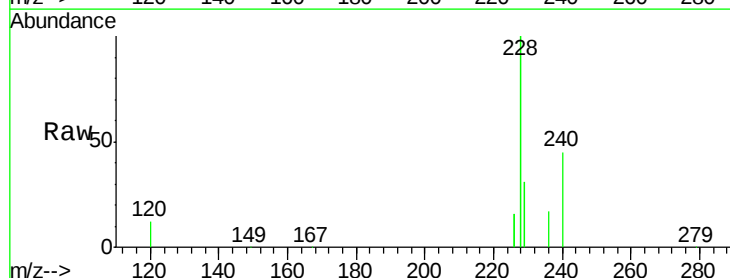
Tgt Ion:228 Resp: 198439

Ion Ratio Lower Upper

228 100

226 16.1 36.3 54.5#

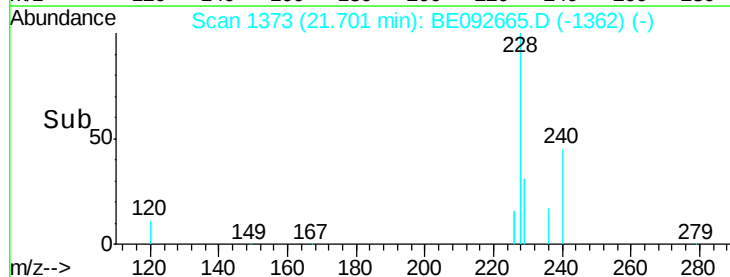
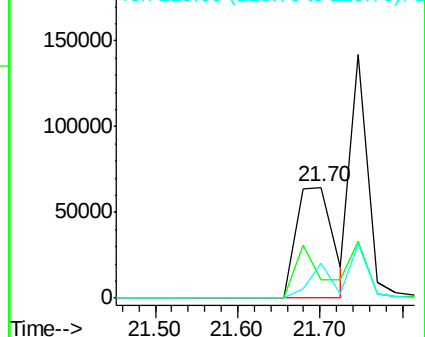
229 31.1 10.6 16.0#

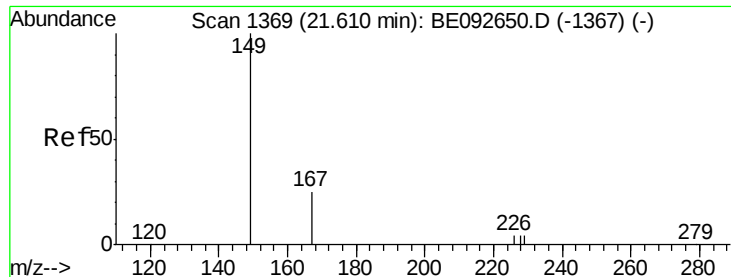


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

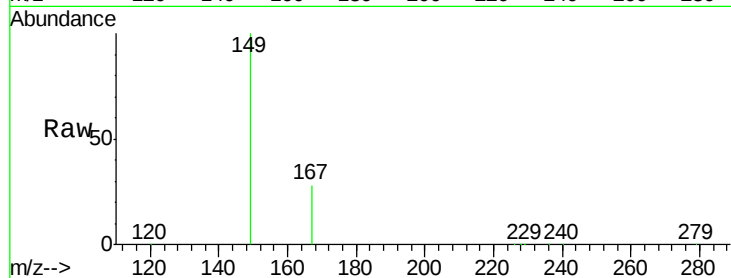
Tgt Ion:149 Resp: 31845

Ion Ratio Lower Upper

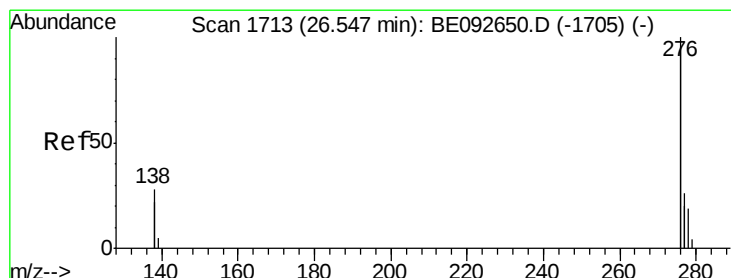
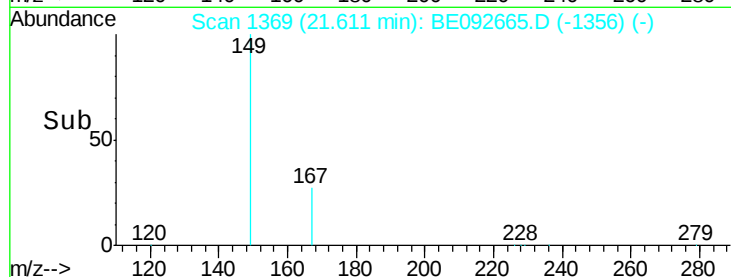
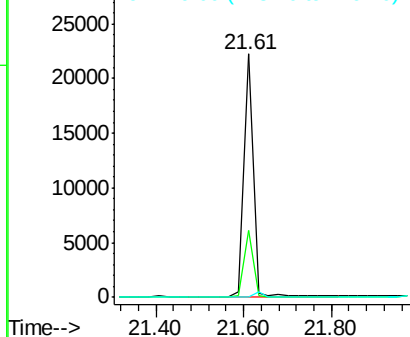
149 100

167 26.9 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: 5.20 ng

RT: 26.51 min Scan# 1711

Delta R.T. -0.03 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

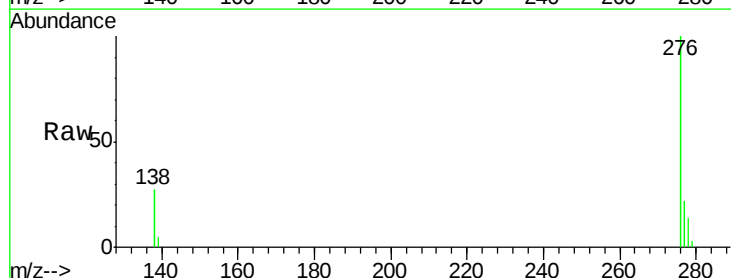
Tgt Ion:276 Resp: 304941

Ion Ratio Lower Upper

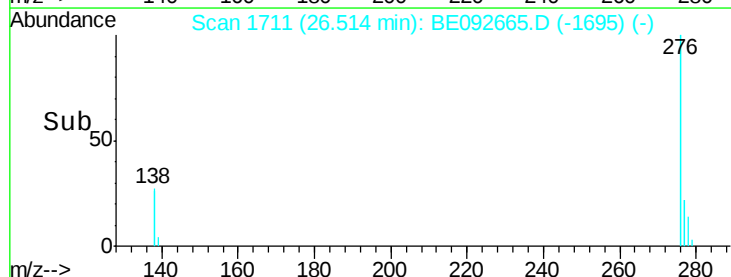
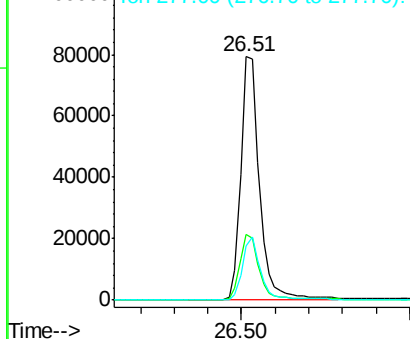
276 100

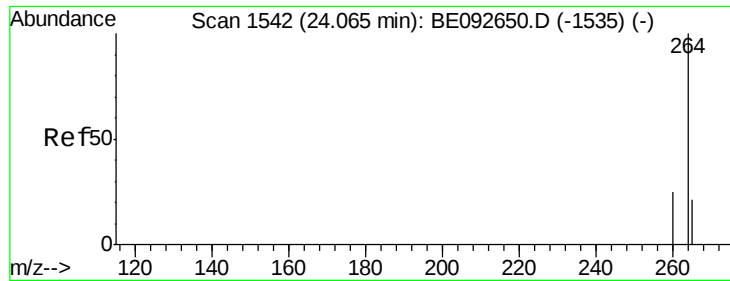
138 27.6 20.3 30.5

277 24.6 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

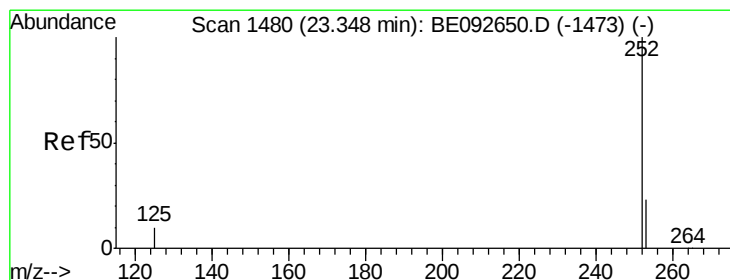
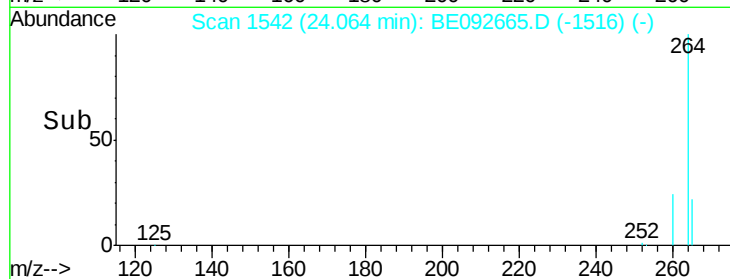
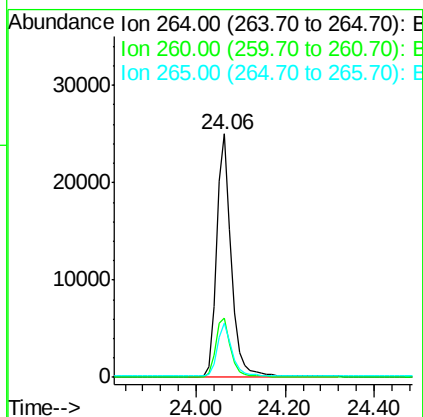
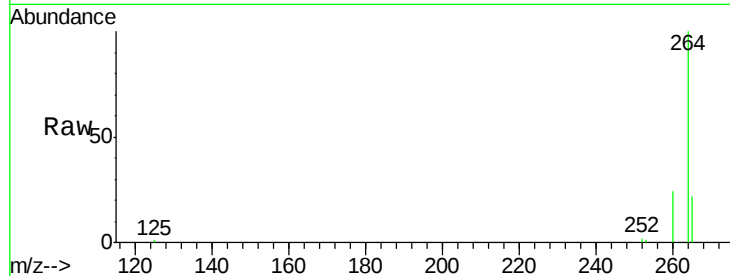




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092665.D
 Acq: 19 Jan 2017 20:03

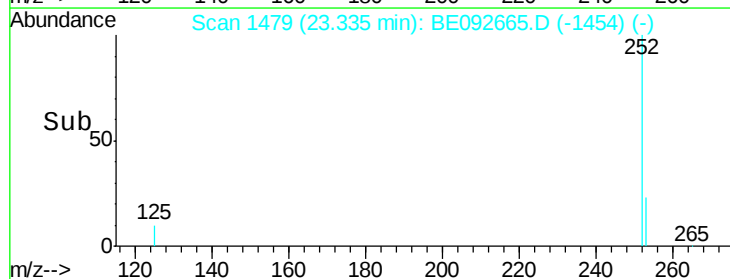
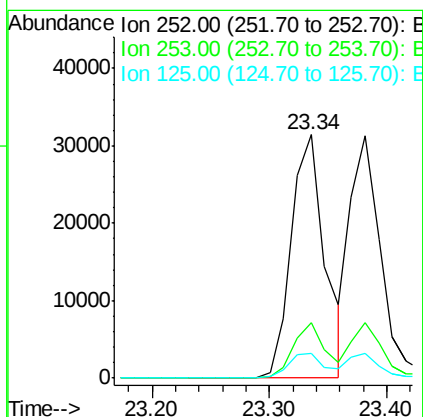
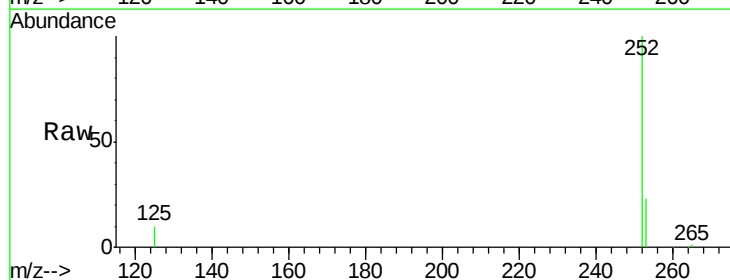
Instrument :
 BNA_E
 ClientSampleId :
 PB96128BSD

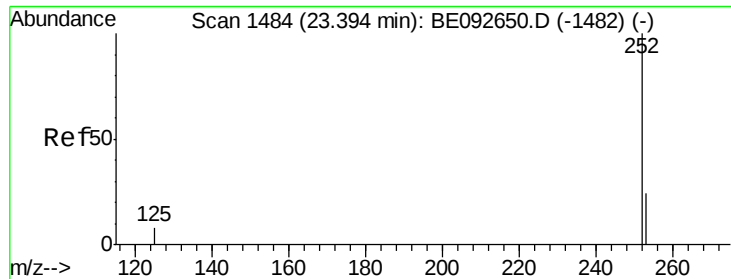
Tgt Ion: 264 Resp: 57126
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.3 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.50 ng
 RT: 23.34 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092665.D
 Acq: 19 Jan 2017 20:03

Tgt Ion: 252 Resp: 62223
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.7 28.1
 125 10.0 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 4.23 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

Instrument :

BNA_E

ClientSampleId :

PB96128BSD

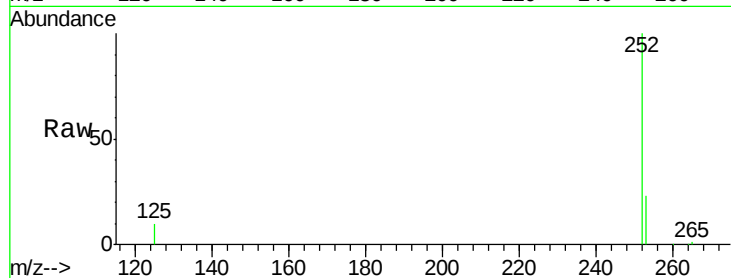
Tgt Ion:252 Resp: 58689

Ion Ratio Lower Upper

252 100

253 22.7 20.3 30.5

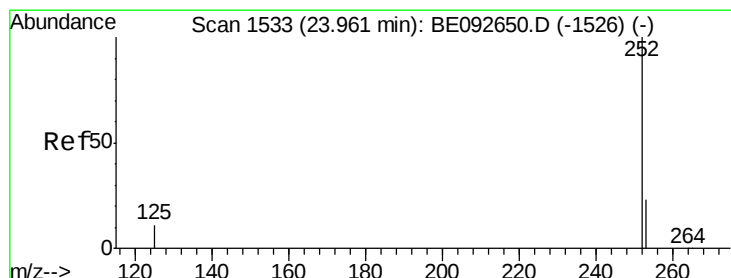
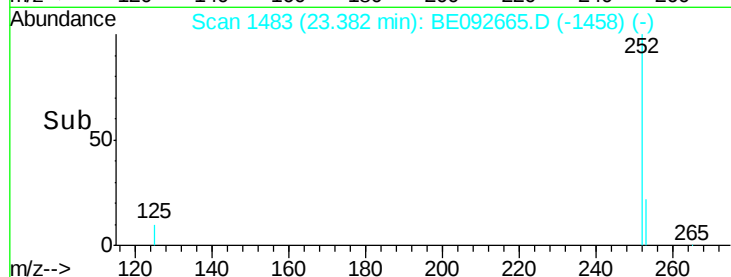
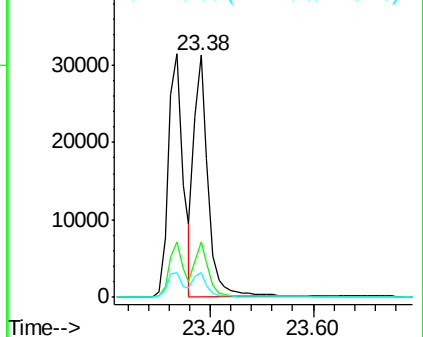
125 10.3 9.6 14.4



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: 4.65 ng

RT: 23.95 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BE092665.D

Acq: 19 Jan 2017 20:03

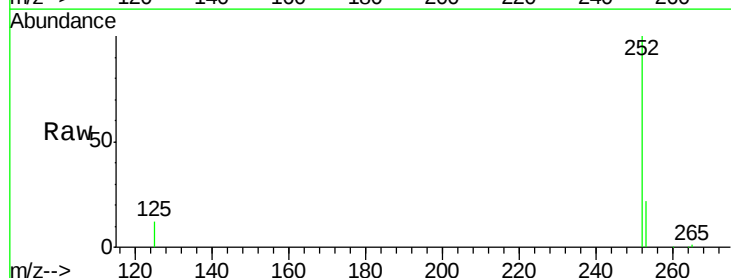
Tgt Ion:252 Resp: 60347

Ion Ratio Lower Upper

252 100

253 22.1 19.0 28.6

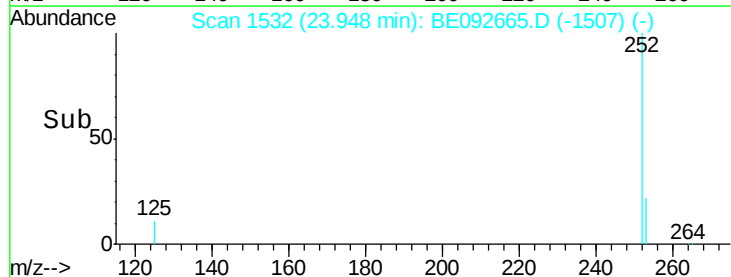
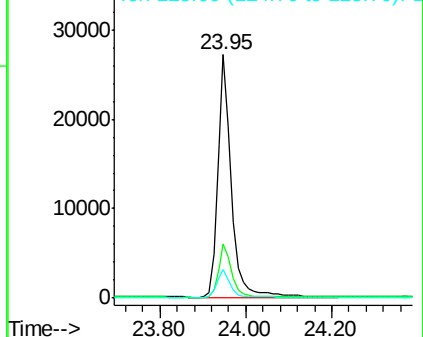
125 11.7 11.8 17.8#

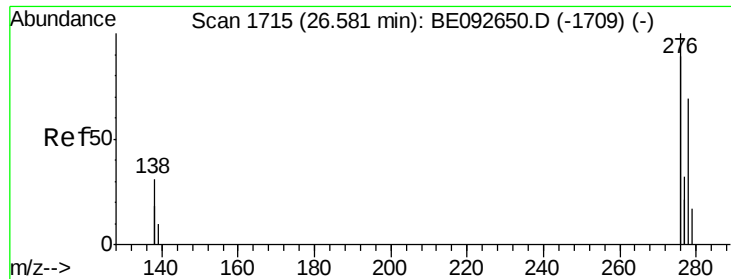


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



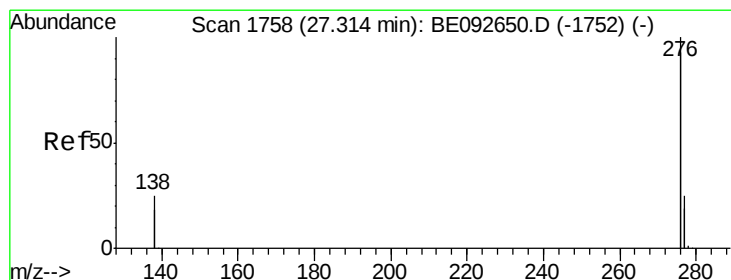
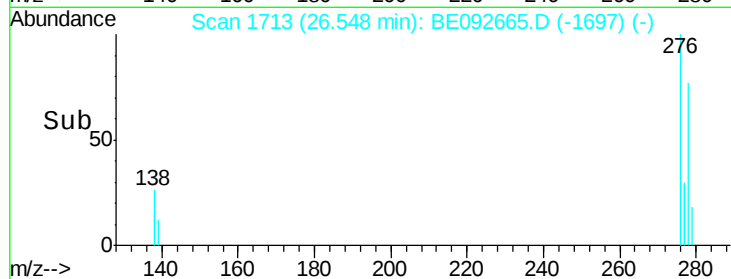
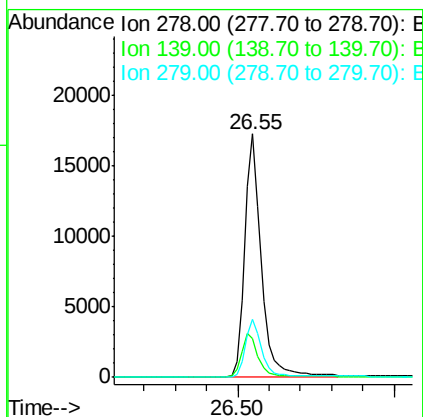
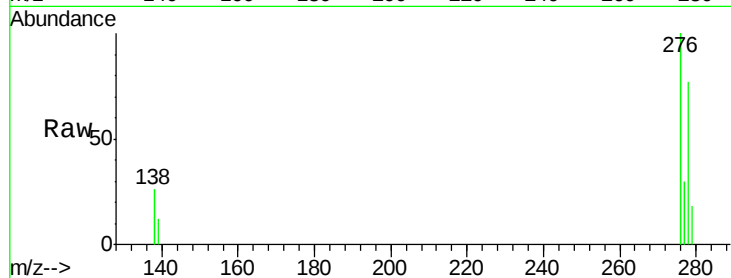


#35
Dibenzo(a,h)anthracene
Concen: 4.96 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion: 278 Resp: 62995

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.8	20.8
279	23.8	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 4.90 ng
RT: 27.28 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion: 276 Resp: 262972

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	24.8	19.8	29.6

