

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111716\
 Data File : BE092558.D
 Acq On : 17 Nov 2016 10:43
 Operator : UM/SJ
 Sample : PB94687BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94687BS

Quant Time: Nov 18 00:09:09 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	8899	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	40092	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	25654	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	48370	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70576	5.00	ng	0.00
31) Perylene-d12	24.08	264	65847	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	15471	10.29	ng	-0.02
5) Phenol-d6	7.31	99	22344	8.89	ng	-0.05
8) Nitrobenzene-d5	9.32	82	10437	4.03	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	5481	9.52	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	24120	3.86	ng	-0.02
26) Terphenyl-d14	20.16	244	31521	3.91	ng	-0.02

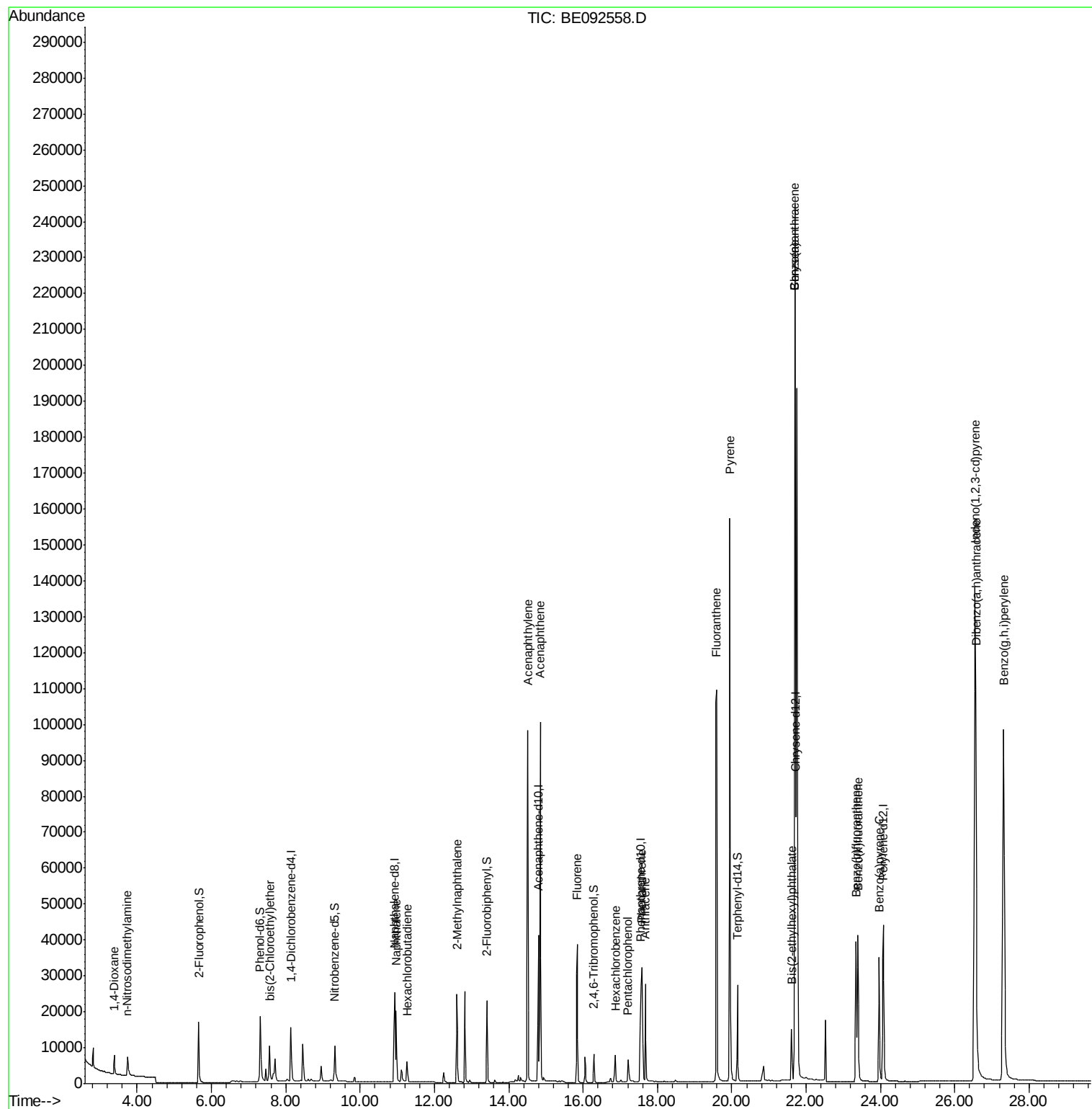
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	3153	2.97	ng	# 51
3) n-Nitrosodimethylamine	3.73	42	5294	3.61	ng	# 95
6) bis(2-Chloroethyl)ether	7.57	93	9492	3.51	ng	87
9) Naphthalene	10.97	128	28906	3.49	ng	# 95
10) Hexachlorobutadiene	11.26	225	4294	3.41	ng	99
11) 2-Methylnaphthalene	12.60	142	19424	3.68	ng	94
15) Acenaphthylene	14.51	152	129438	3.62	ng	100
16) Acenaphthene	14.85	154	19221	3.30	ng	90
17) Fluorene	15.84	166	25688	3.56	ng	98
19) Hexachlorobenzene	16.87	284	7807	4.09	ng	# 66
20) Pentachlorophenol	17.21	266	5855	6.86	ng	# 86
21) Phenanthrene	17.58	178	42968	3.97	ng	# 94
22) Anthracene	17.67	178	41584	4.08	ng	98
23) Fluoranthene	19.58	202	191944	3.80	ng	100
25) Pyrene	19.95	202	200476	3.57	ng	99
27) Benzo(a)anthracene	21.70	228	465960	6.93	ng	# 89
28) Chrysene	21.70	228	467240	7.79	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.61	149	20142	4.42	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.55	276	287411	4.39	ng	97
32) Benzo(b)fluoranthene	23.35	252	61098	3.82	ng	# 97
33) Benzo(k)fluoranthene	23.39	252	56559	3.38	ng	95
34) Benzo(a)pyrene	23.96	252	58294	3.95	ng	# 95
35) Dibenzo(a,h)anthracene	26.56	278	59751	4.08	ng	96
36) Benzo(g,h,i)perylene	27.31	276	249038	4.02	ng	96

(#) = 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: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

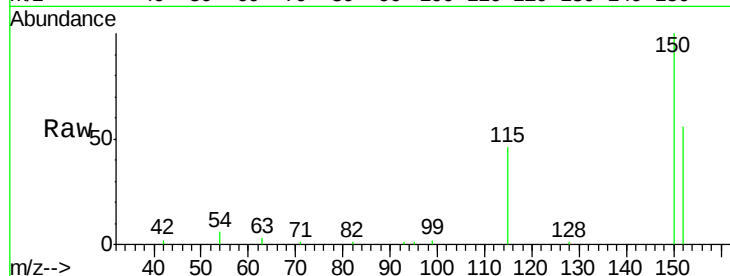
Tgt Ion:152 Resp: 8899

Ion Ratio Lower Upper

152 100

150 177.9 106.0 159.0#

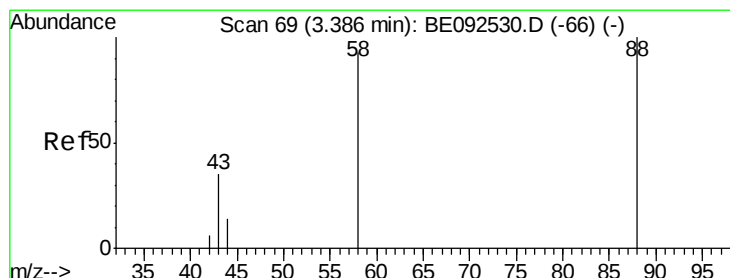
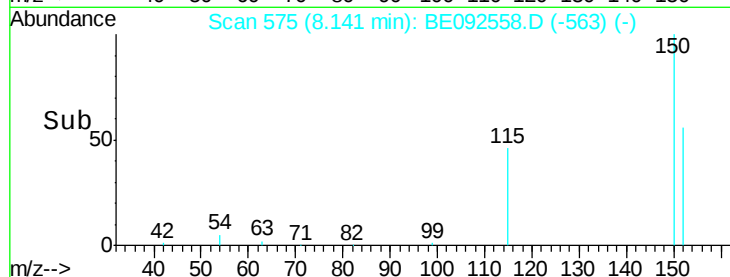
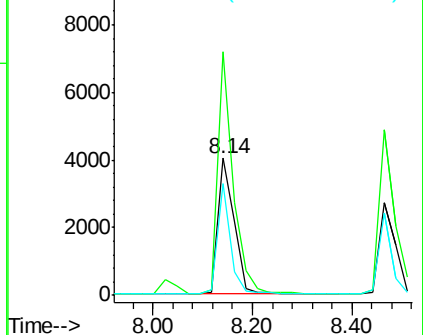
115 82.1 31.2 46.8#



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: 2.97 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

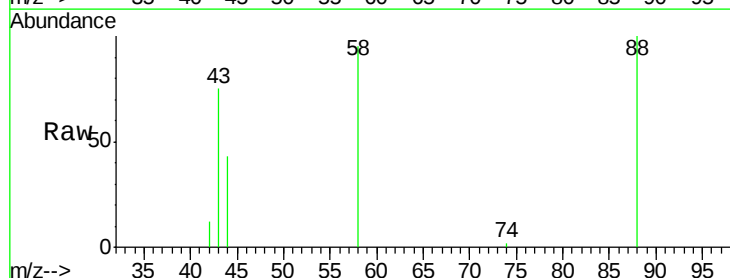
Tgt Ion: 88 Resp: 3153

Ion Ratio Lower Upper

88 100

58 104.0 63.6 95.4#

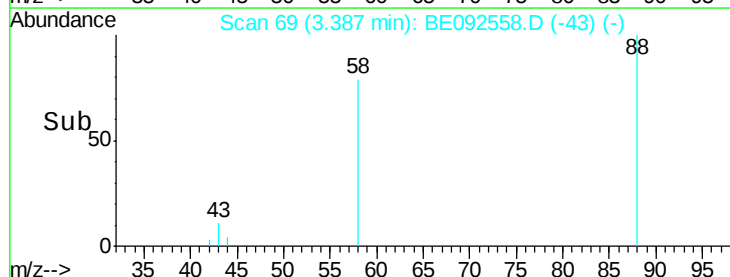
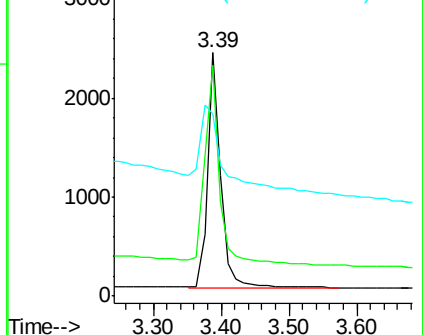
43 91.6 28.0 42.0#

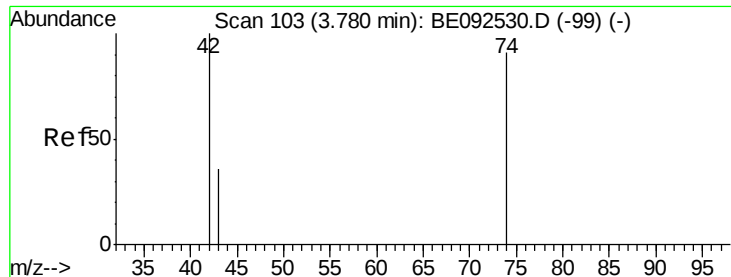


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.61 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.05 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

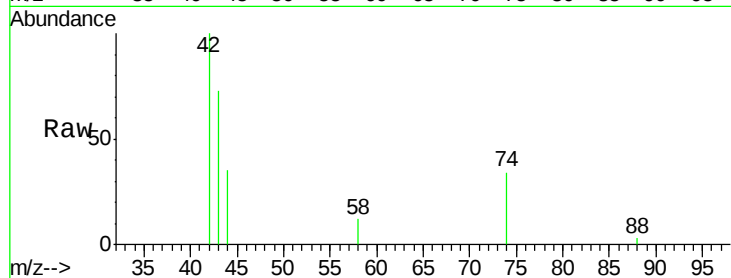
Tgt Ion: 42 Resp: 5294

Ion Ratio Lower Upper

42 100

74 103.9 86.0 129.0

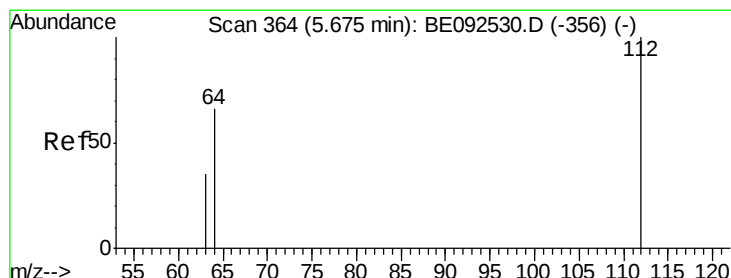
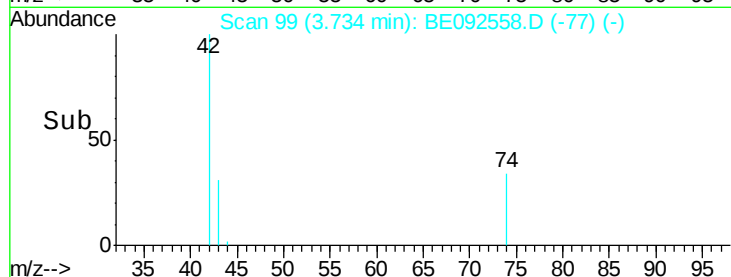
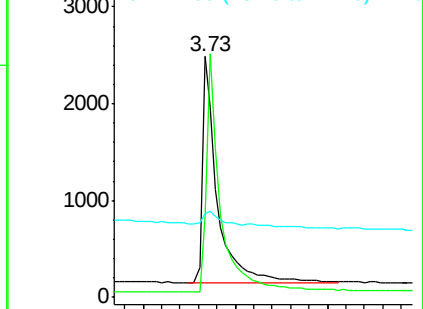
44 14.3 5.1 7.7#



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: 10.29 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

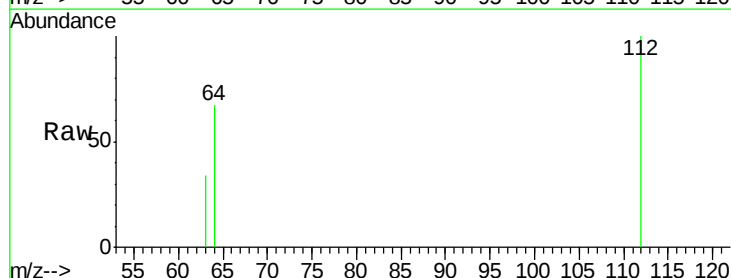
Tgt Ion: 112 Resp: 15471

Ion Ratio Lower Upper

112 100

64 68.3 53.5 80.3

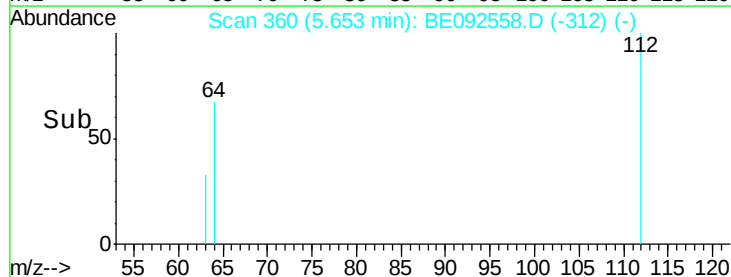
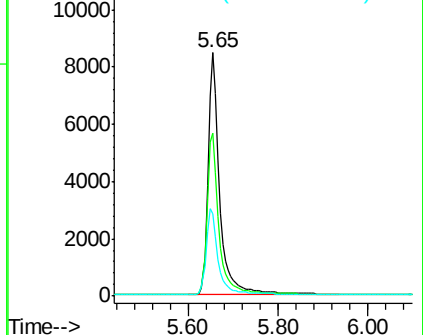
63 36.5 27.9 41.9



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: 8.89 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

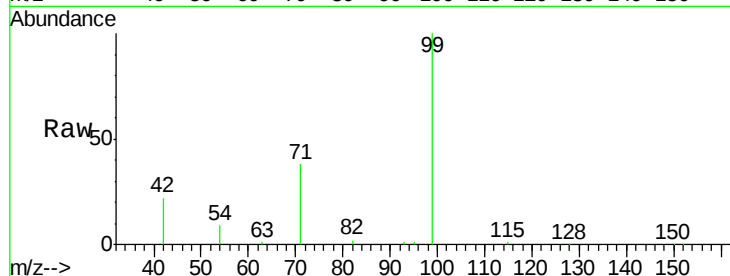
Tgt Ion: 99 Resp: 22344

Ion Ratio Lower Upper

99 100

42 23.2 16.0 24.0

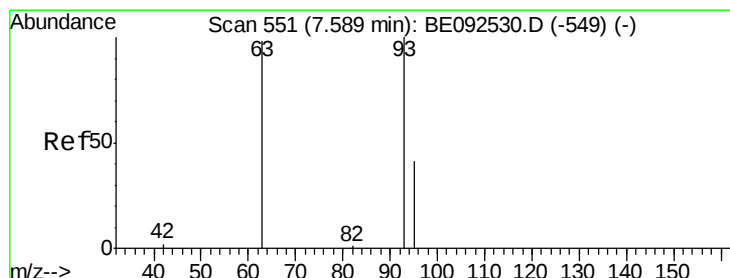
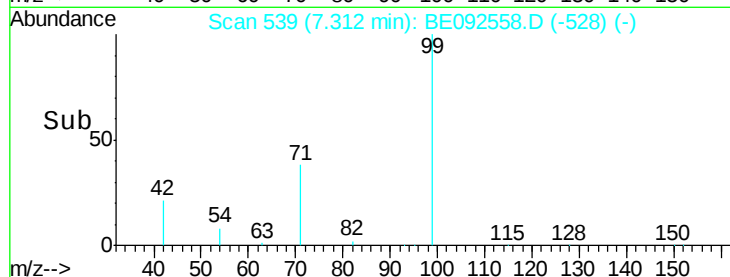
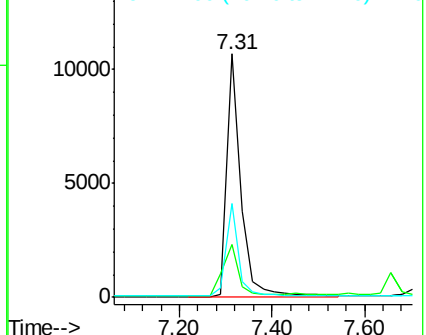
71 34.5 30.6 45.8



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: 3.51 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

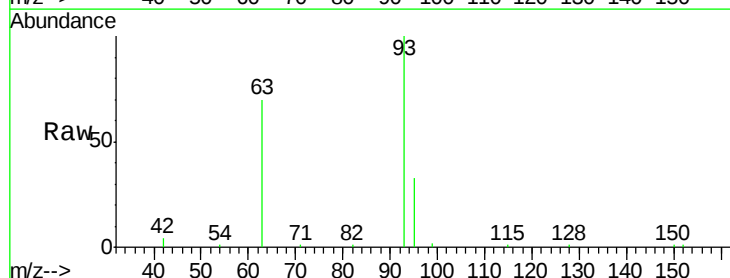
Tgt Ion: 93 Resp: 9492

Ion Ratio Lower Upper

93 100

63 74.0 71.6 107.4

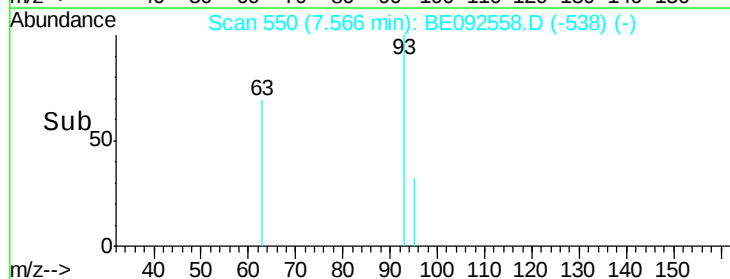
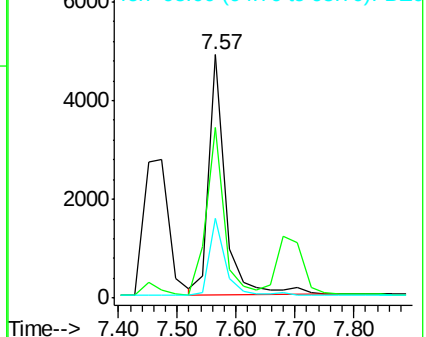
95 32.4 24.0 36.0

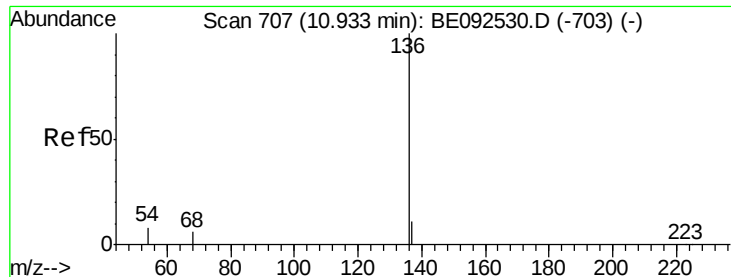


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

Tgt Ion:136 Resp: 40092

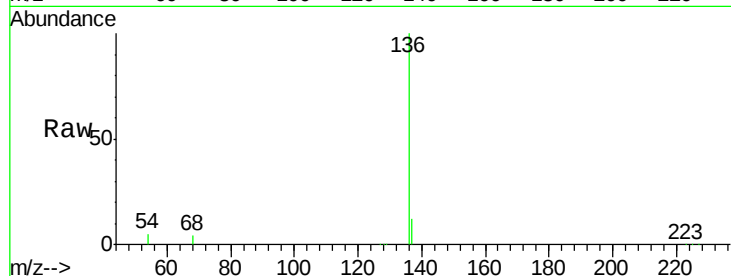
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 5.2 9.6 14.4#

68 4.1 6.7 10.1#

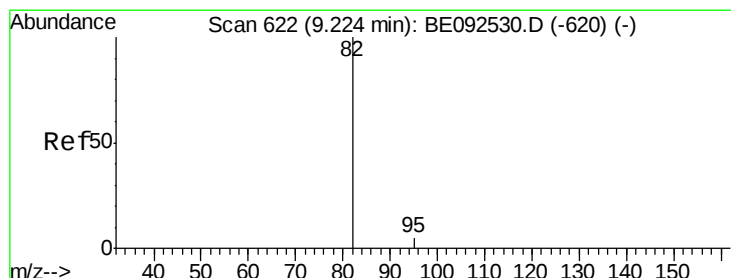
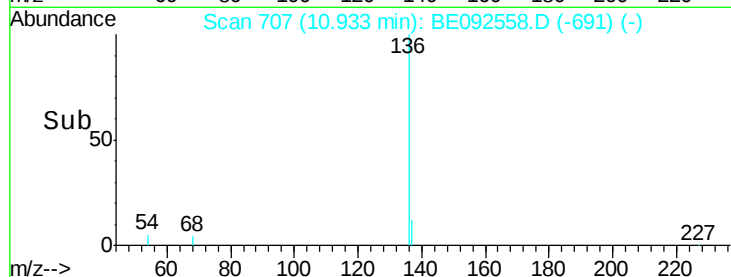
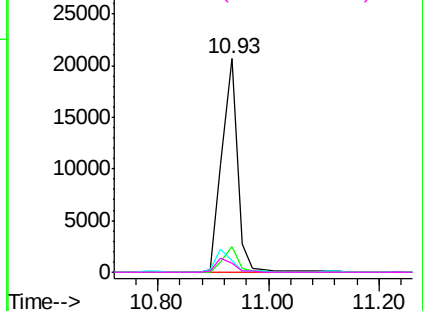


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.03 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

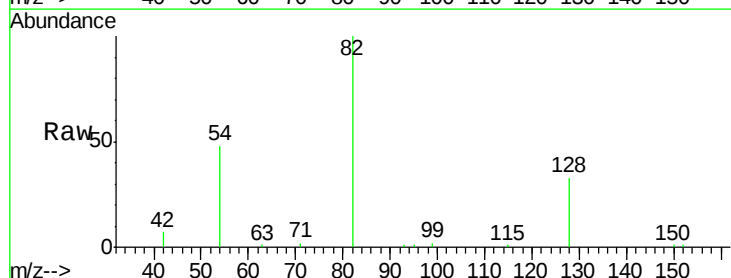
Tgt Ion: 82 Resp: 10437

Ion Ratio Lower Upper

82 100

128 33.0 39.0 58.4#

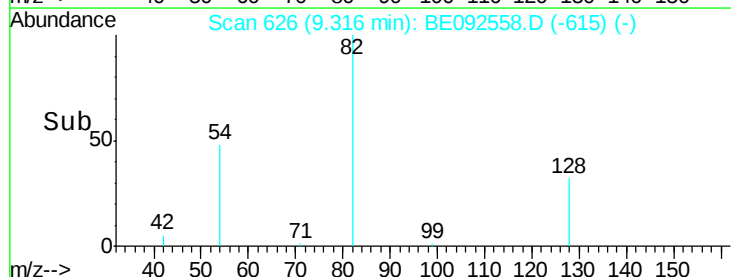
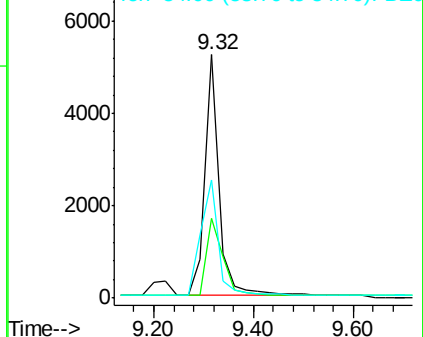
54 48.3 44.8 67.2

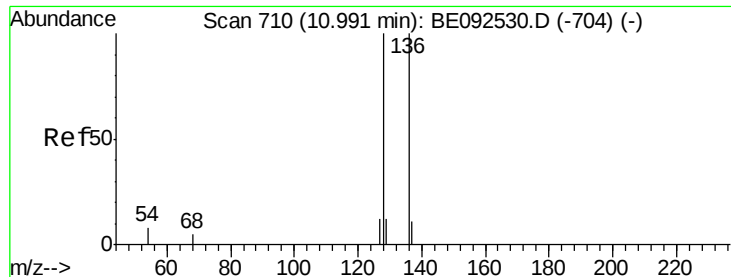


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.49 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

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PB94687BS

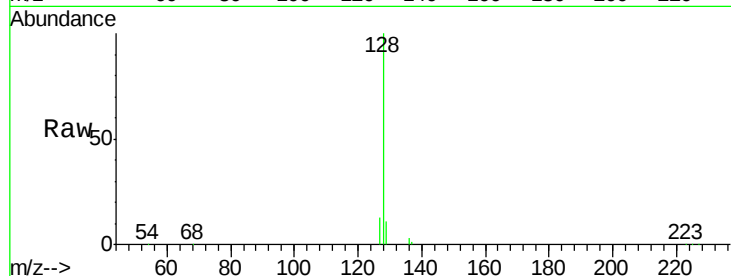
Tgt Ion:128 Resp: 28906

Ion Ratio Lower Upper

128 100

129 10.9 11.2 16.8#

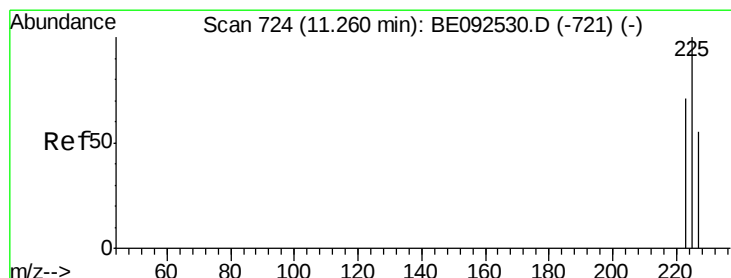
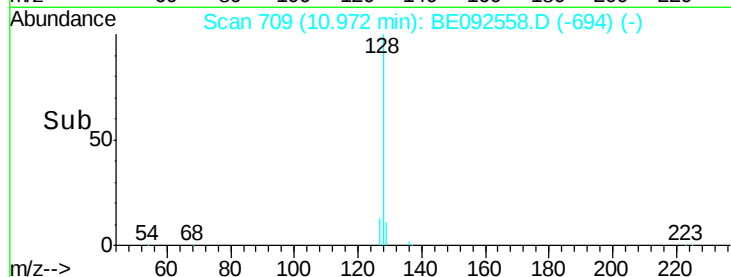
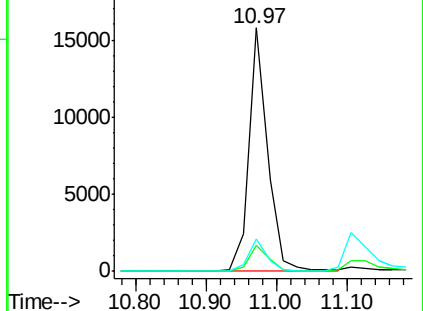
127 13.4 11.6 17.4



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: 3.41 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

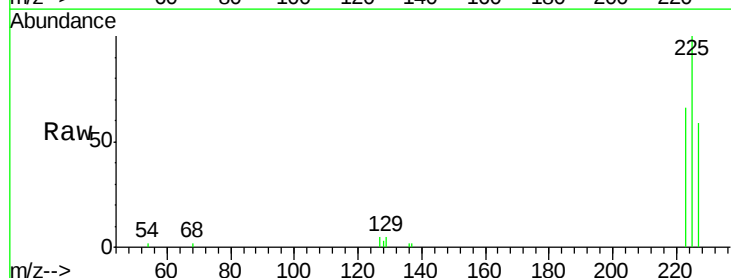
Tgt Ion:225 Resp: 4294

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

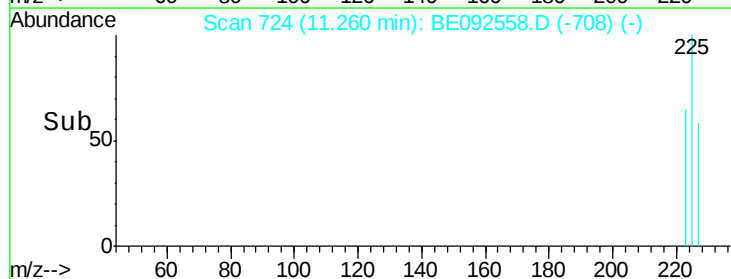
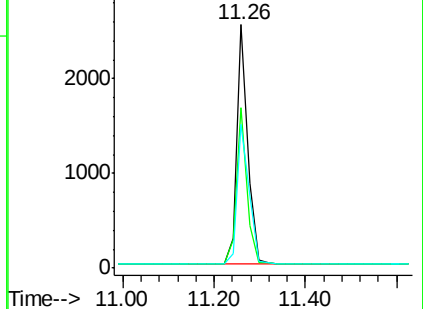
227 63.4 51.4 77.0



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: 3.68 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.04 min

Lab File: BE092558.D

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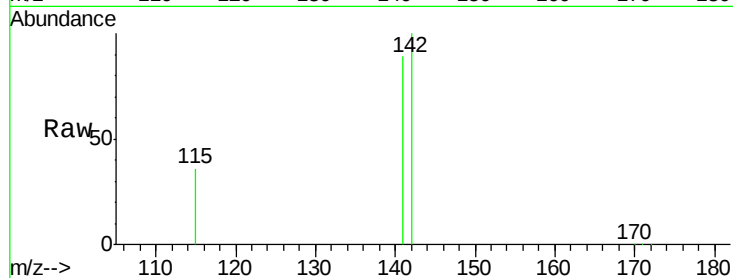
Tgt Ion:142 Resp: 19424

Ion Ratio Lower Upper

142 100

141 88.7 73.7 110.5

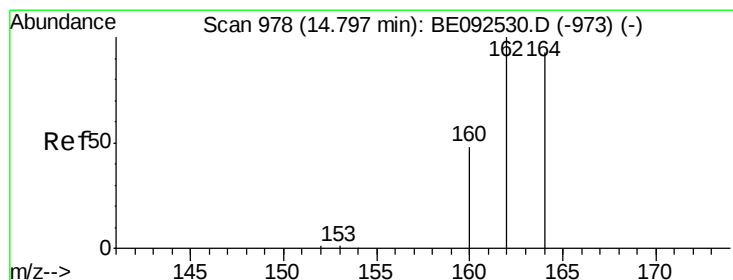
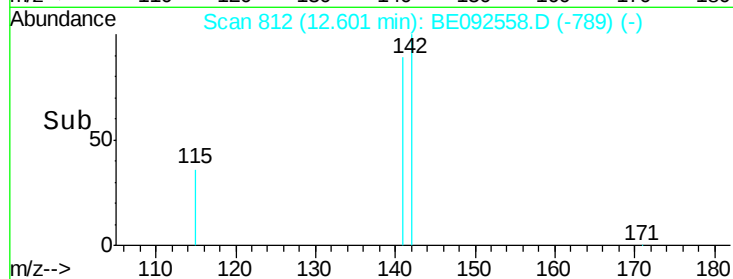
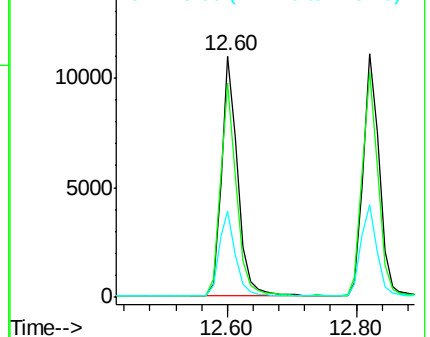
115 35.9 34.0 51.0



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: BE092558.D

Acq: 17 Nov 2016 10:43

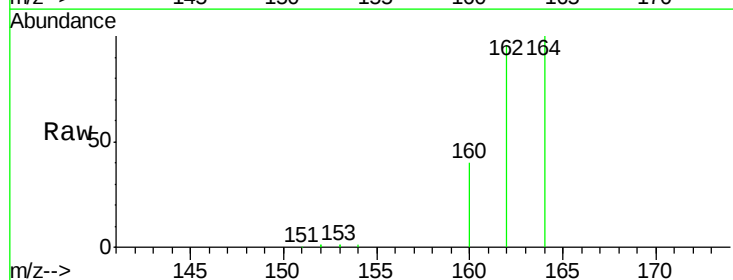
Tgt Ion:164 Resp: 25654

Ion Ratio Lower Upper

164 100

162 96.3 71.4 107.0

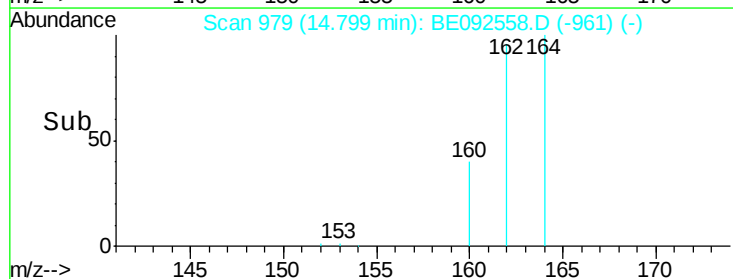
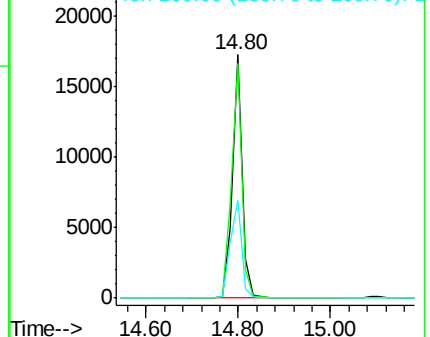
160 40.1 27.4 41.2

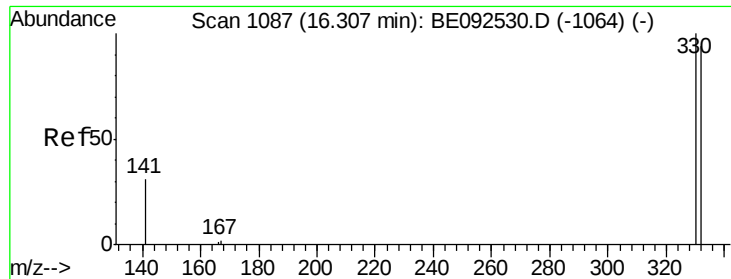


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

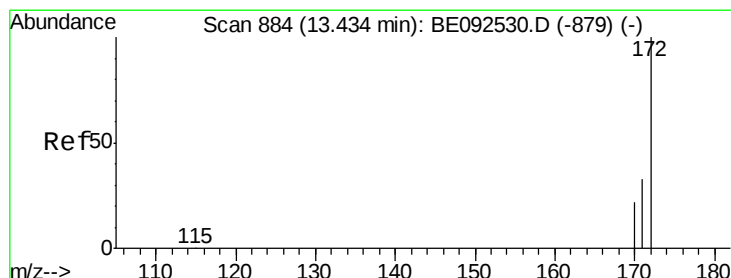
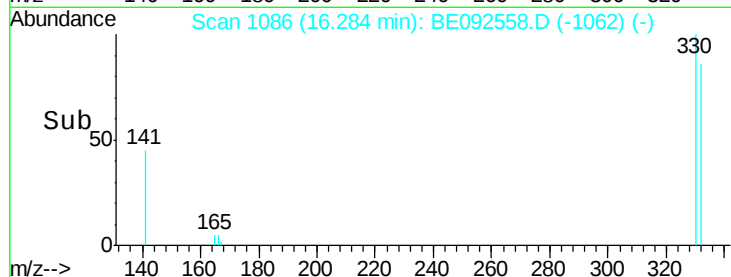
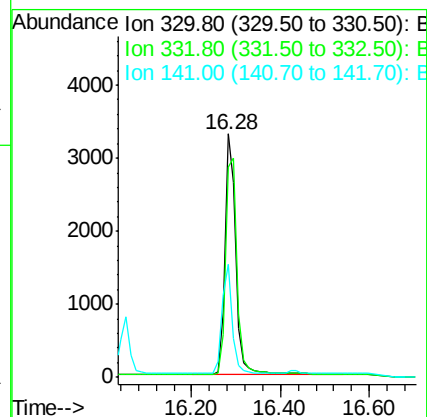
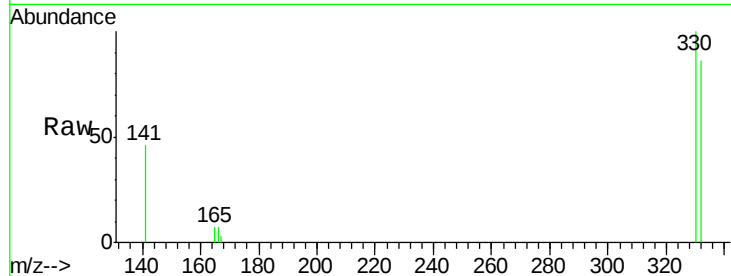




#13
 2,4,6-Tribromophenol
 Concen: 9.52 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092558.D
 Acq: 17 Nov 2016 10:43

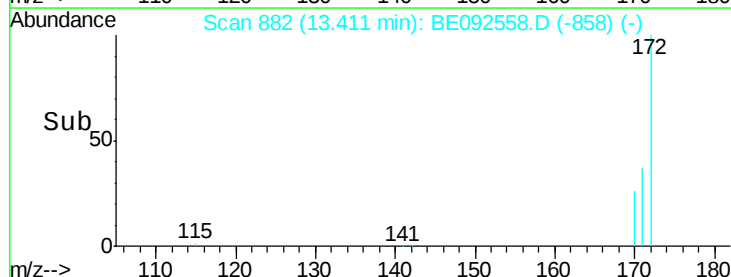
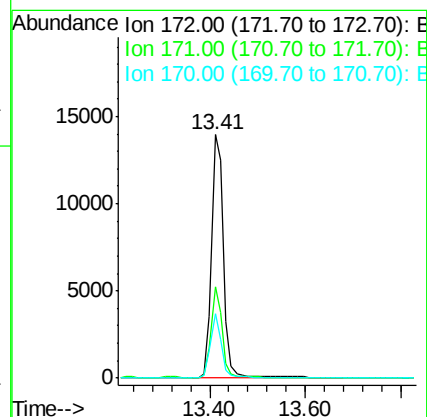
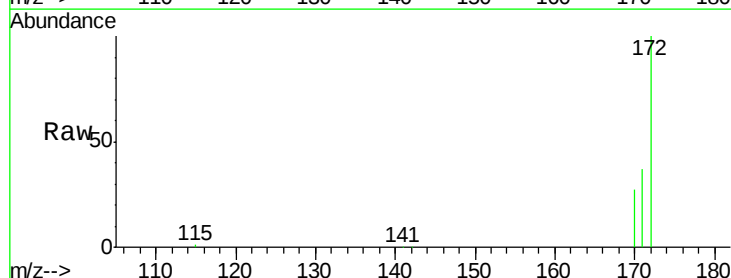
Instrument :
 BNA_E
 ClientSampleId :
 PB94687BS

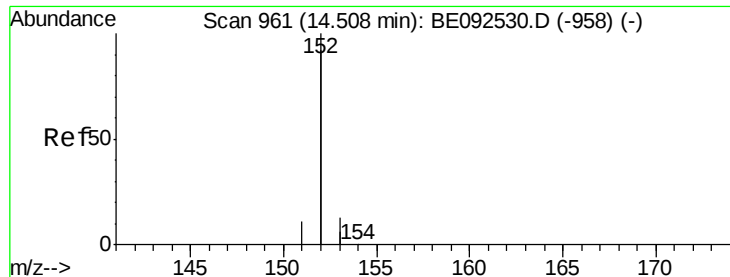
Tgt Ion: 330 Resp: 5481
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092558.D
 Acq: 17 Nov 2016 10:43

Tgt Ion: 172 Resp: 24120
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.1 45.1
 170 26.7 21.8 32.6





#15

Acenaphthylene

Concen: 3.62 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampled :

PB94687BS

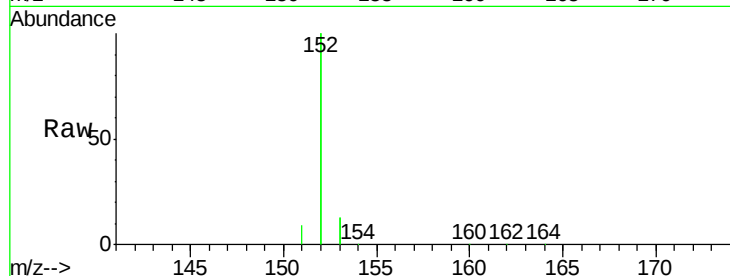
Tgt Ion:152 Resp: 129438

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

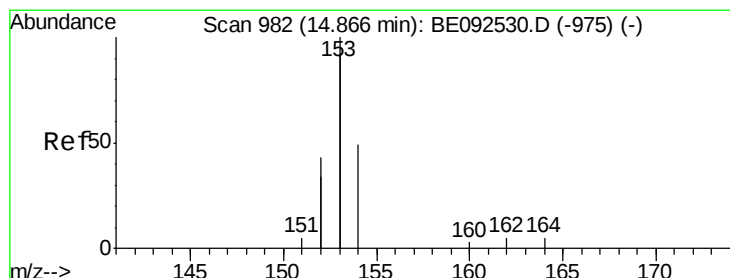
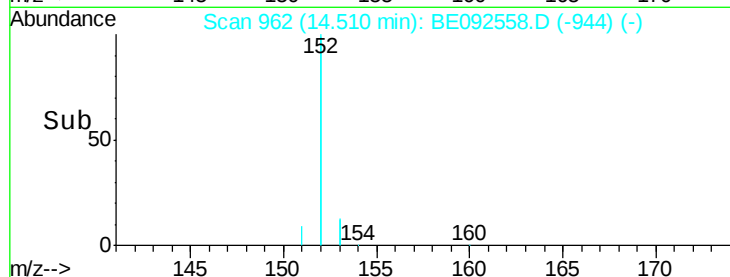
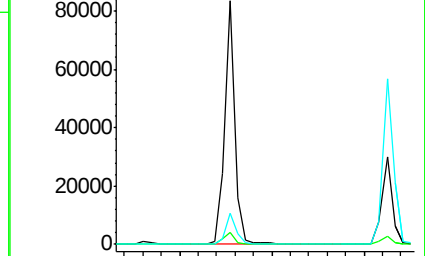
153 12.9 10.4 15.6



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: 3.30 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

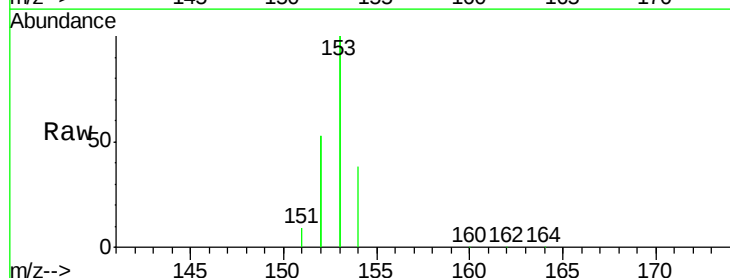
Tgt Ion:154 Resp: 19221

Ion Ratio Lower Upper

154 100

153 459.9 350.8 526.2

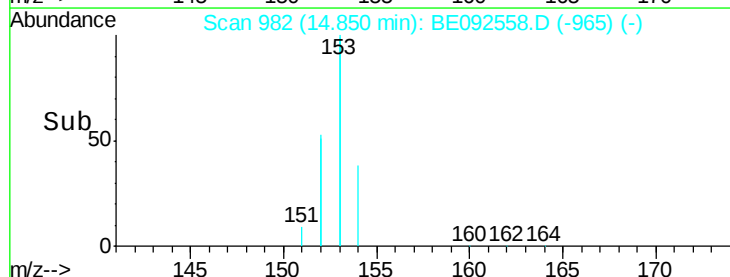
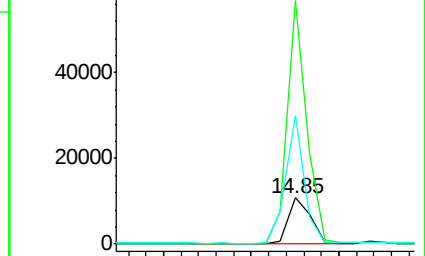
152 234.6 171.1 256.7

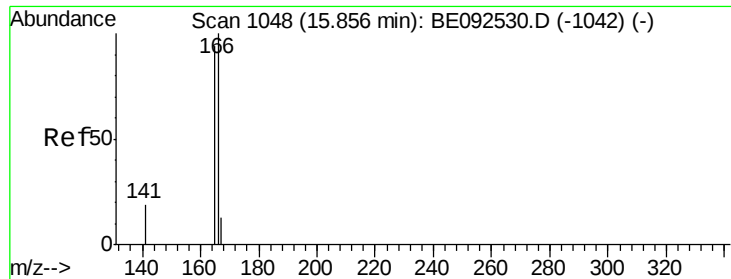


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

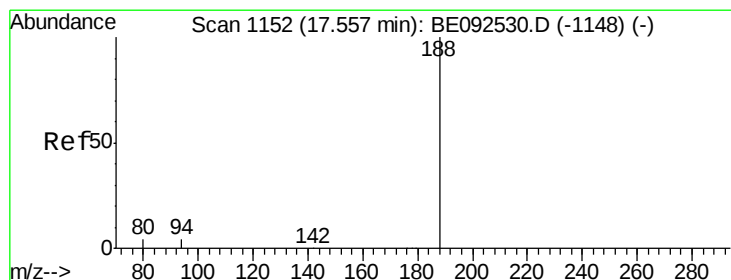
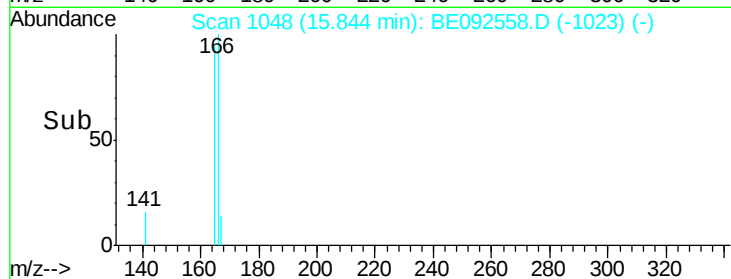
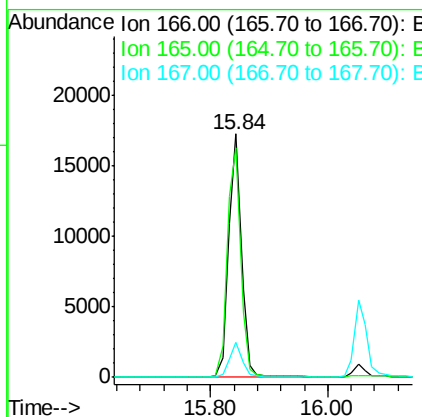
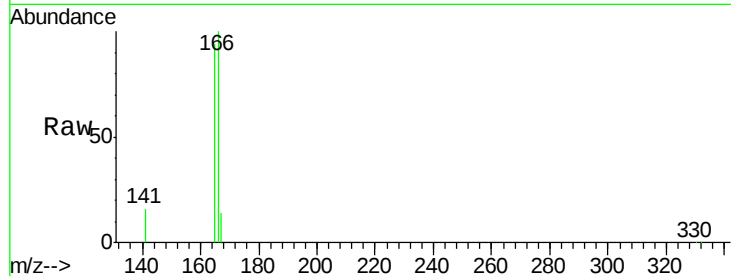




#17
Fluorene
 Concen: 3.56 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092558.D
 Acq: 17 Nov 2016 10:43

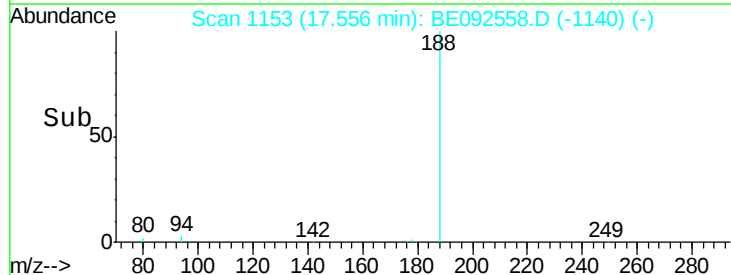
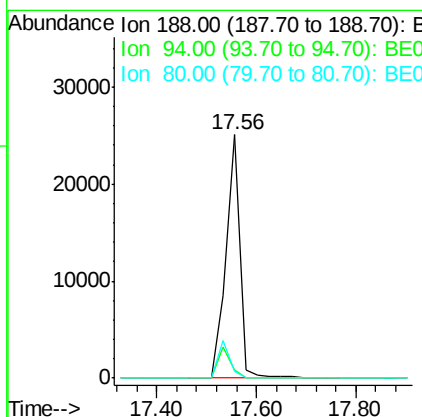
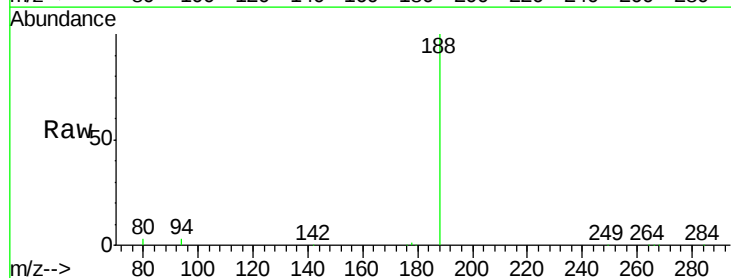
Instrument :
 BNA_E
 ClientSampleId :
 PB94687BS

Tgt Ion:166 Resp: 25688
 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: BE092558.D
 Acq: 17 Nov 2016 10:43

Tgt Ion:188 Resp: 48370
 Ion Ratio Lower Upper
 188 100
 94 3.1 3.2 4.8#
 80 2.6 2.6 3.8

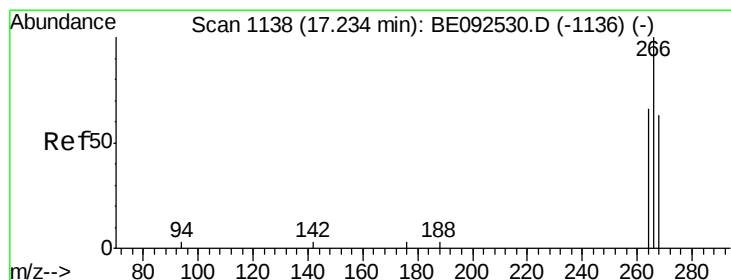
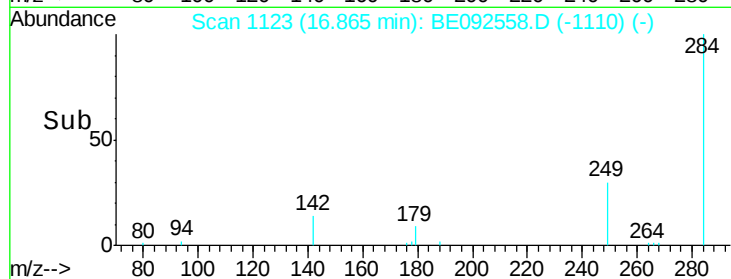
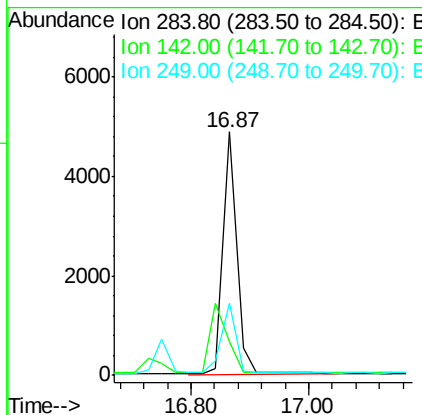
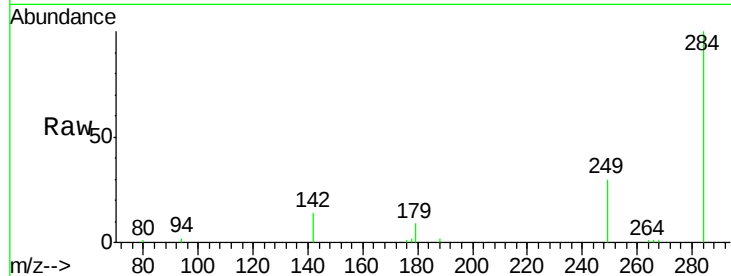




#19
Hexachlorobenzene
Concen: 4.09 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092558.D
Acq: 17 Nov 2016 10:43

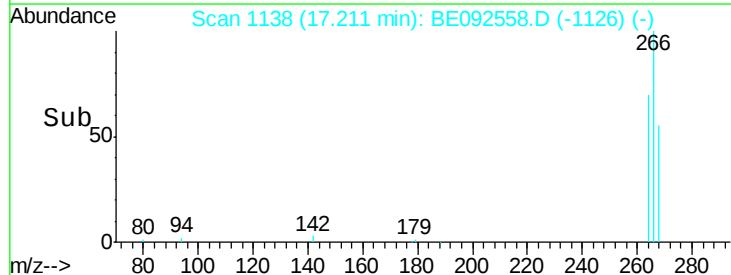
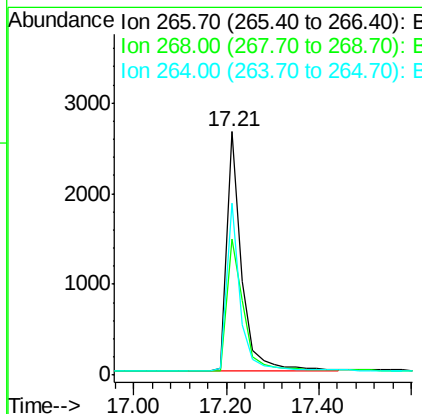
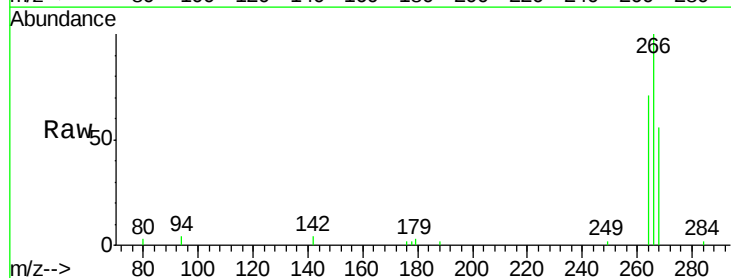
Instrument :
BNA_E
ClientSampleId :
PB94687BS

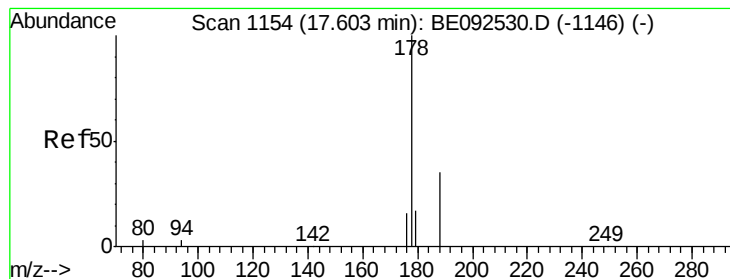
Tgt Ion: 284 Resp: 7807
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 32.0 27.9 41.9



#20
Pentachlorophenol
Concen: 6.86 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092558.D
Acq: 17 Nov 2016 10:43

Tgt Ion: 266 Resp: 5855
Ion Ratio Lower Upper
266 100
268 56.1 62.5 93.7#
264 70.5 57.2 85.8





#21

Phenanthrene

Concen: 3.97 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

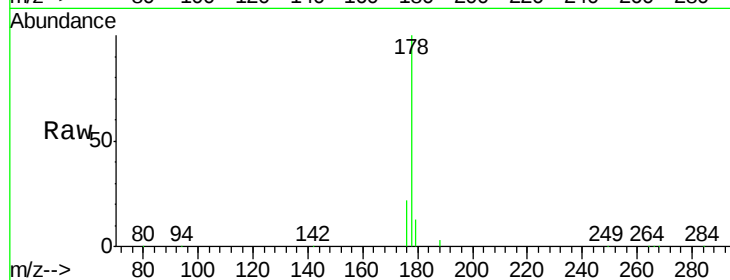
Tgt Ion:178 Resp: 42968

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

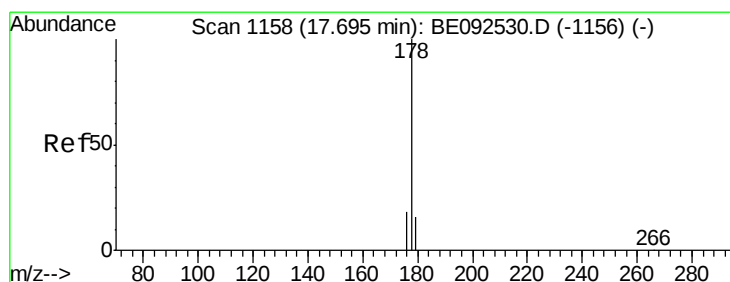
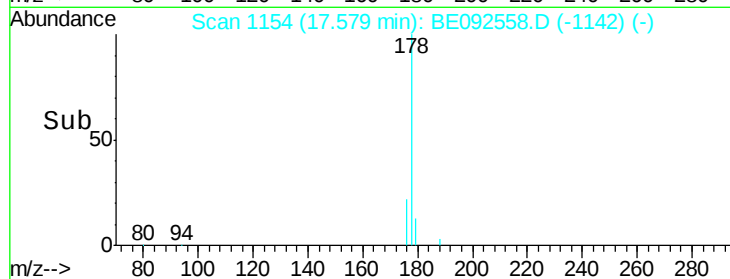
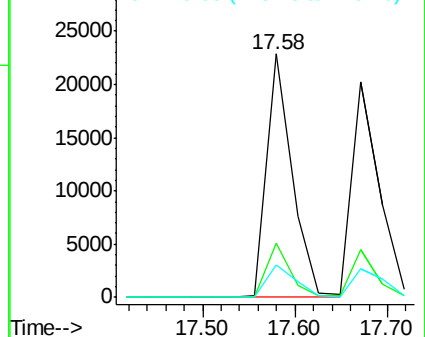
179 14.7 16.0 24.0#



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: 4.08 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

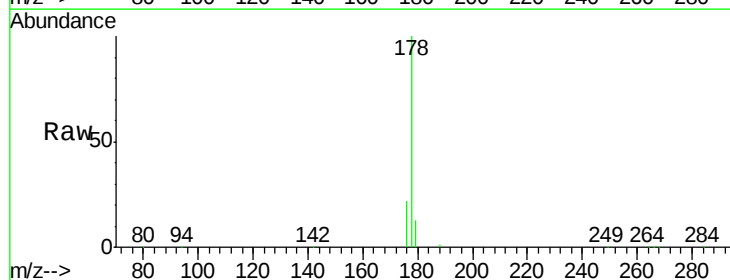
Tgt Ion:178 Resp: 41584

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

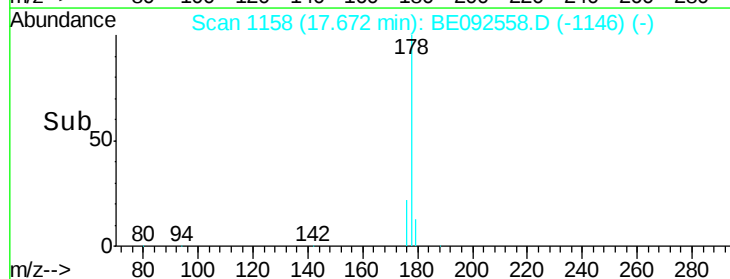
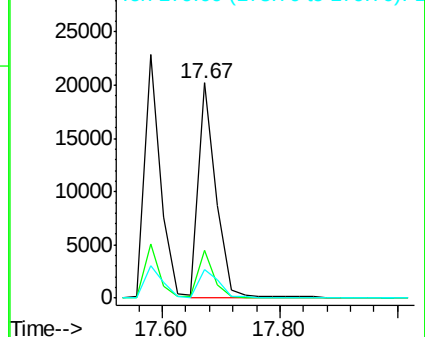
179 14.8 12.2 18.2

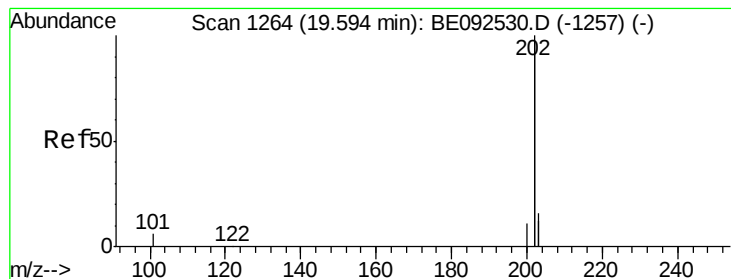


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 3.80 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

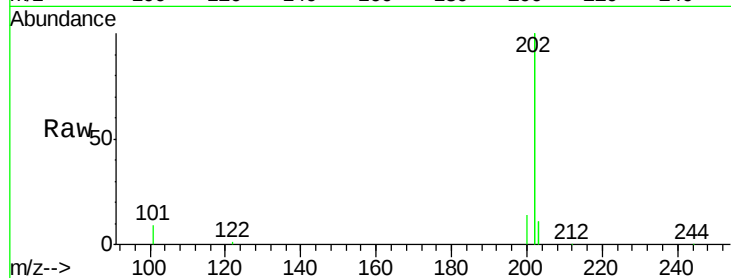
Tgt Ion:202 Resp: 191944

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

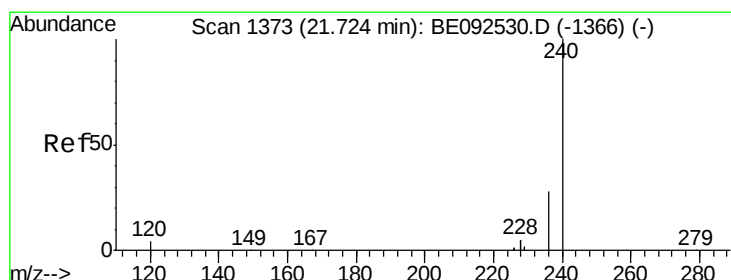
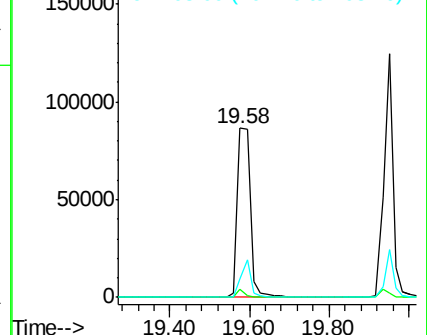
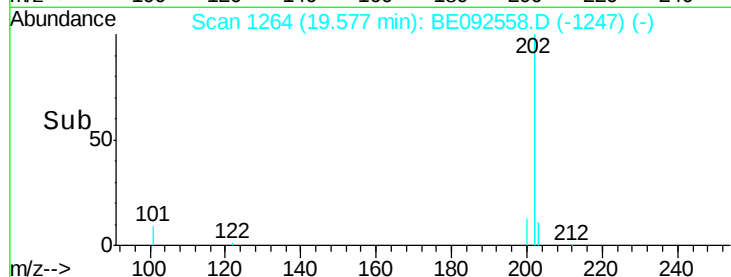
203 17.2 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

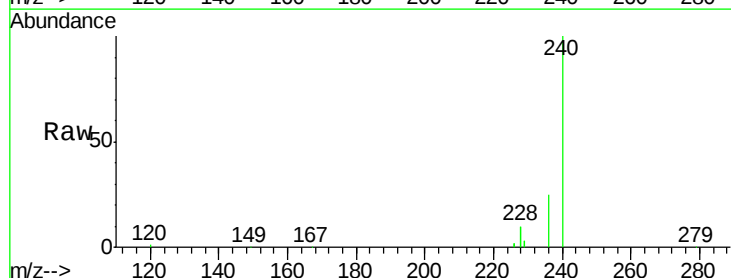
Tgt Ion:240 Resp: 70576

Ion Ratio Lower Upper

240 100

120 1.4 2.6 4.0#

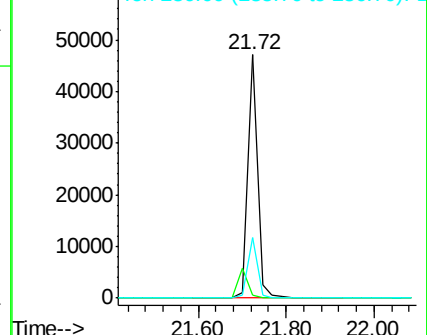
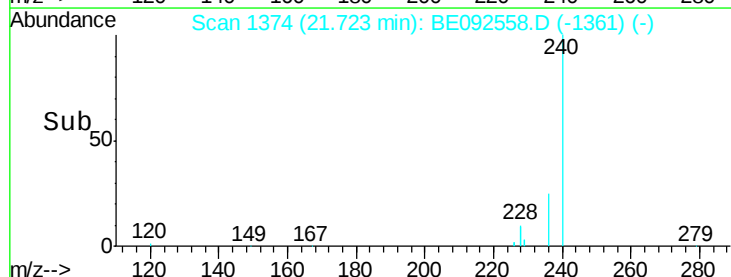
236 25.1 24.6 37.0



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

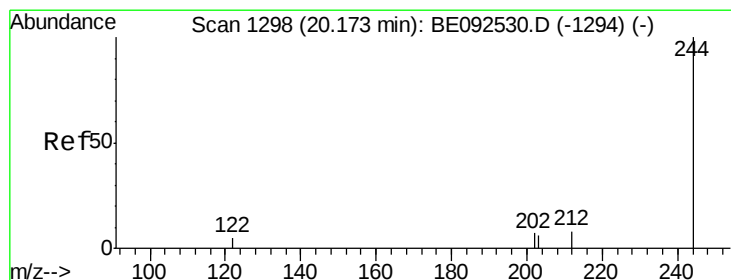
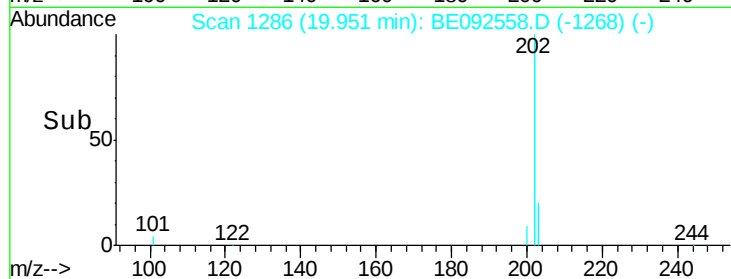
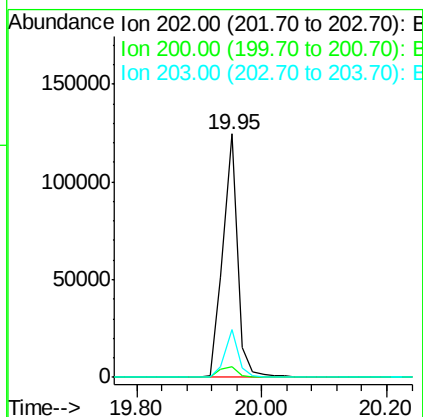
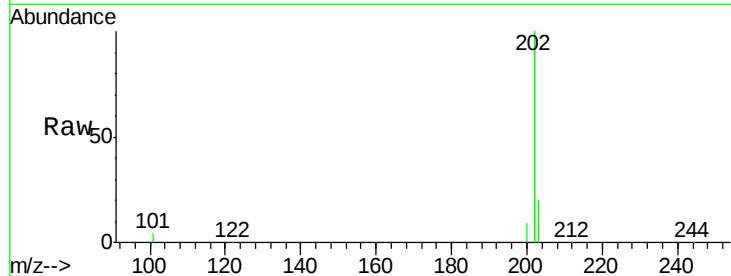




#25
 Pyrene
 Concen: 3.57 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092558.D
 Acq: 17 Nov 2016 10:43

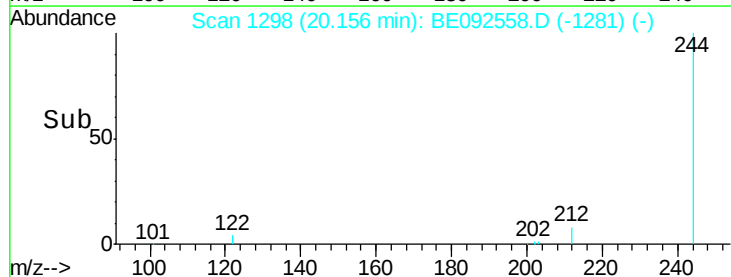
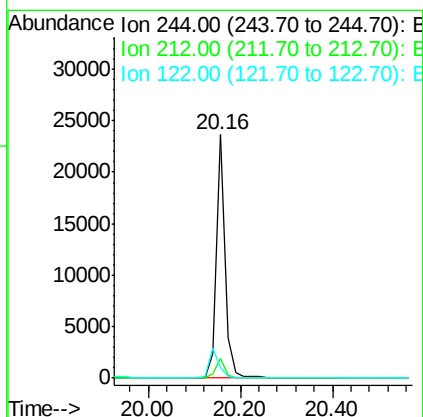
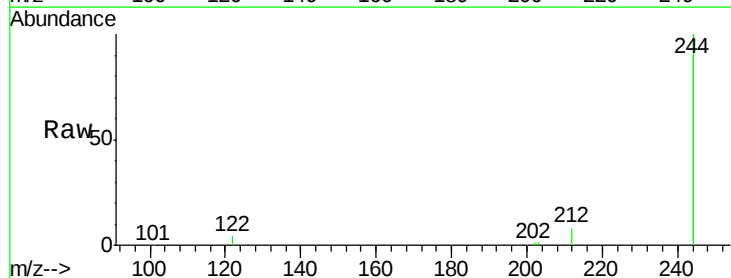
Instrument :
 BNA_E
 ClientSampleId :
 PB94687BS

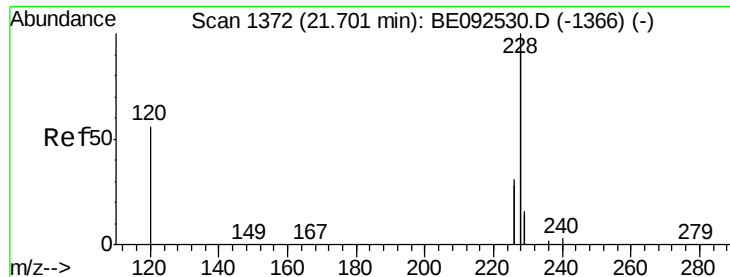
Tgt Ion: 202 Resp: 200476
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 18.2 13.9 20.9



#26
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092558.D
 Acq: 17 Nov 2016 10:43

Tgt Ion: 244 Resp: 31521
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 4.3 3.6 5.4





#27

Benzo(a)anthracene

Concen: 6.93 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

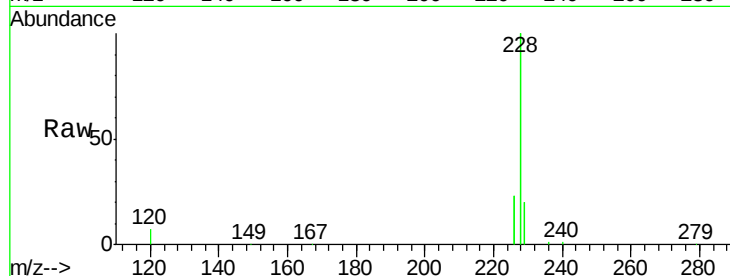
Tgt Ion:228 Resp: 465960

Ion Ratio Lower Upper

228 100

226 22.6 23.6 35.4#

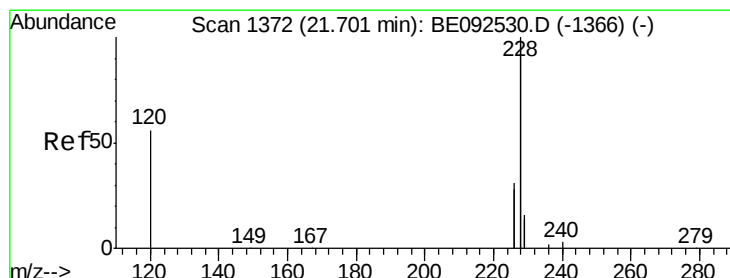
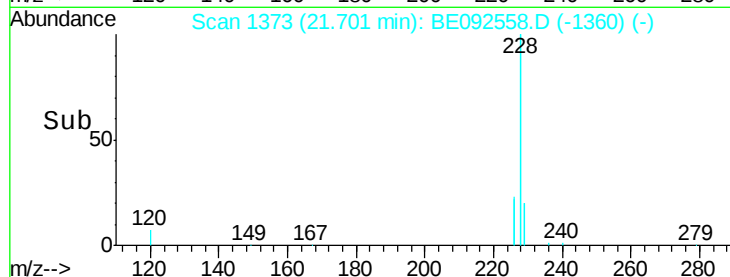
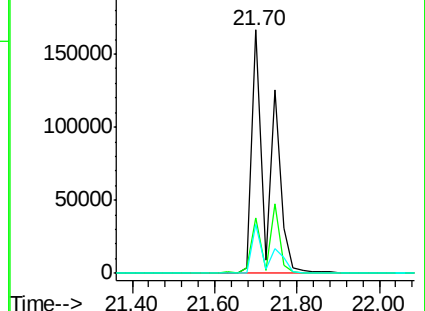
229 20.0 13.3 19.9#



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: 7.79 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

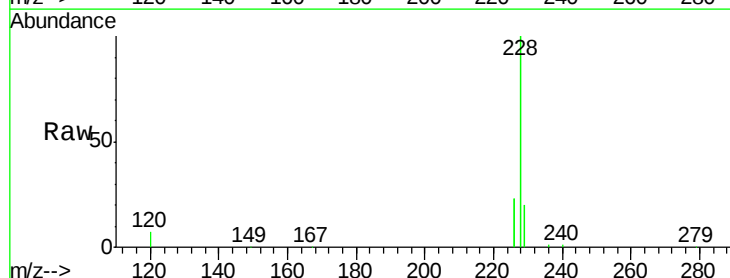
Tgt Ion:228 Resp: 467240

Ion Ratio Lower Upper

228 100

226 22.6 36.3 54.5#

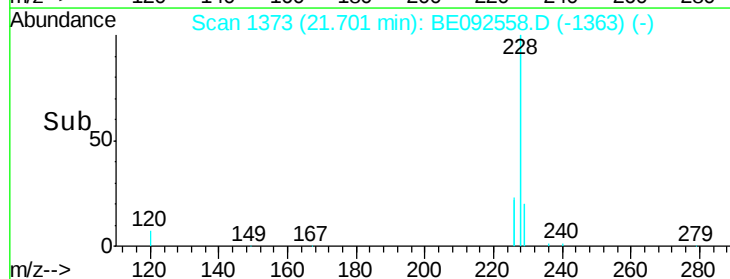
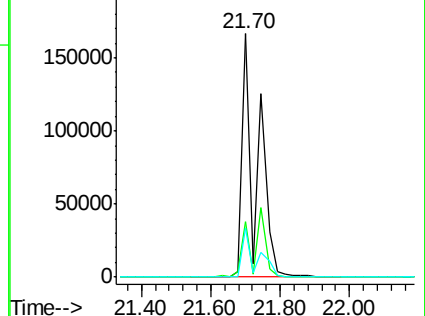
229 20.0 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 4.42 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

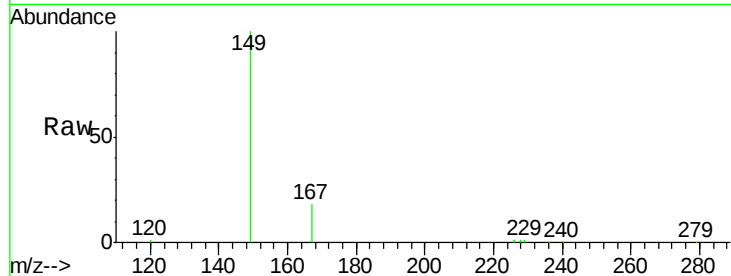
Tgt Ion:149 Resp: 20142

Ion Ratio Lower Upper

149 100

167 22.8 16.0 24.0

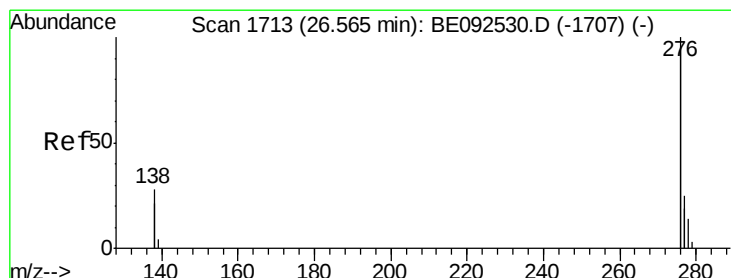
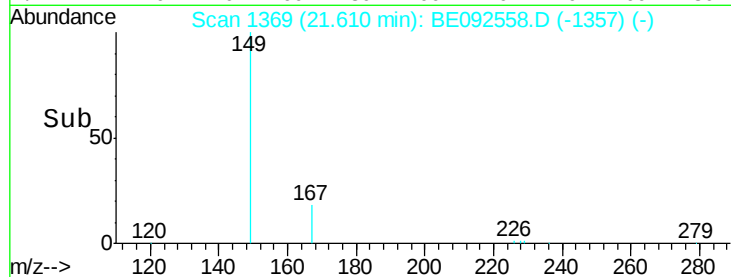
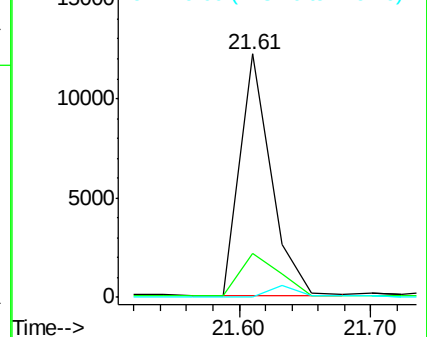
279 0.0 16.0 24.0#



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: 4.39 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

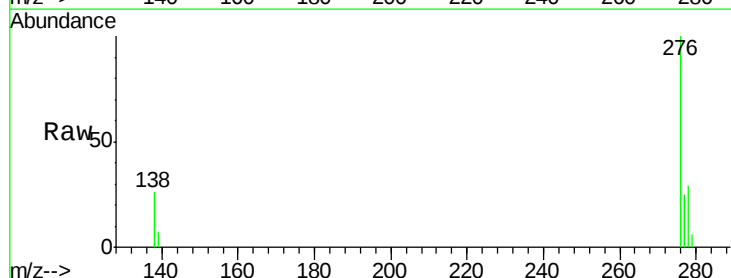
Tgt Ion:276 Resp: 287411

Ion Ratio Lower Upper

276 100

138 27.8 20.3 30.5

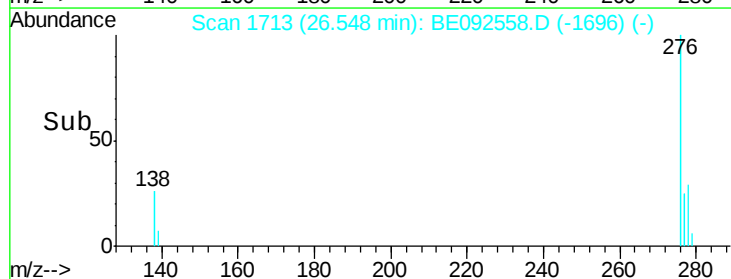
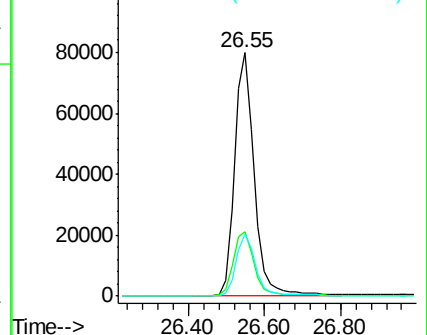
277 24.8 19.7 29.5

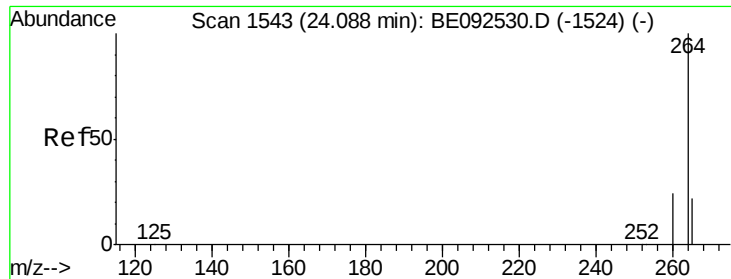


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



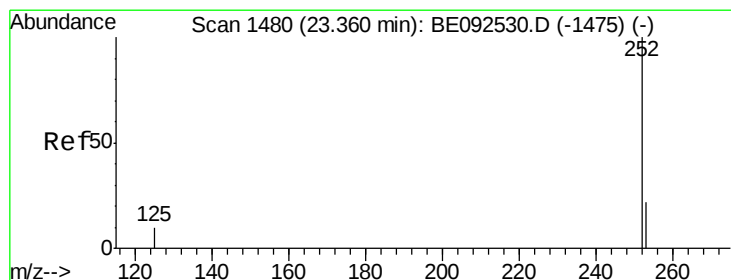
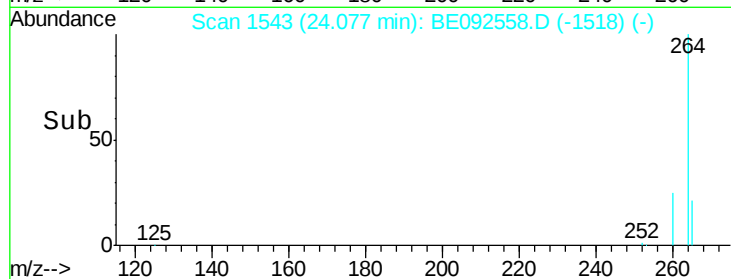
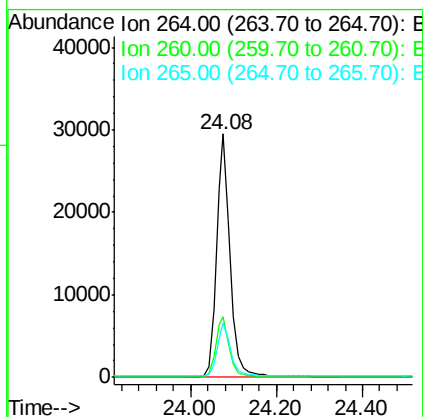
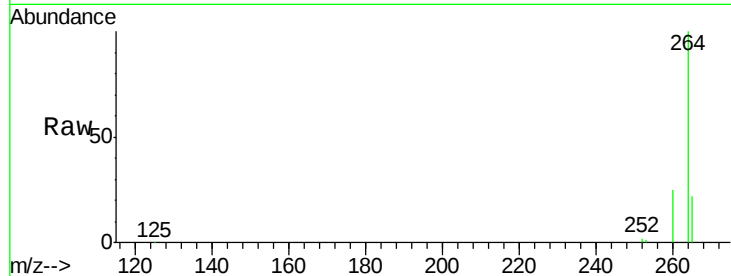


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092558.D
Acq: 17 Nov 2016 10:43

Instrument :
BNA_E
ClientSampleId :
PB94687BS

Tgt Ion: 264 Resp: 65847

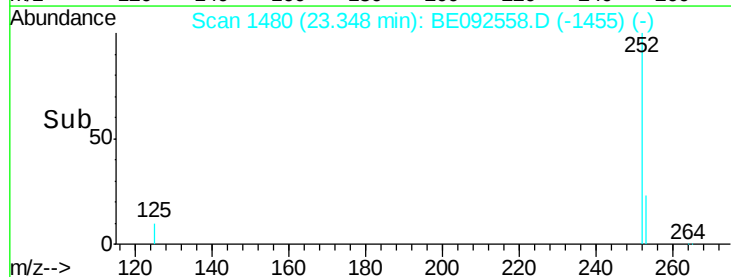
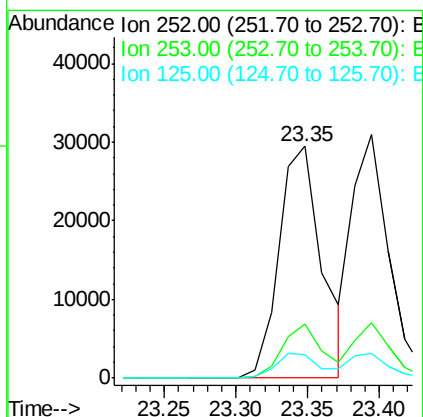
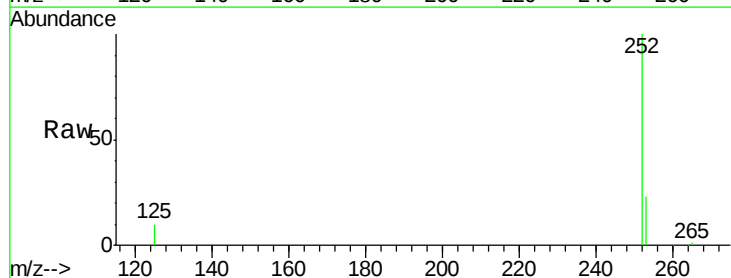
Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.1	17.9	26.9



#32
Benzo(b)fluoranthene
Concen: 3.82 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092558.D
Acq: 17 Nov 2016 10:43

Tgt Ion: 252 Resp: 61098

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	9.9	10.5	15.7#





#33

Benzo(k)fluoranthene

Concen: 3.38 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

Instrument :

BNA_E

ClientSampleId :

PB94687BS

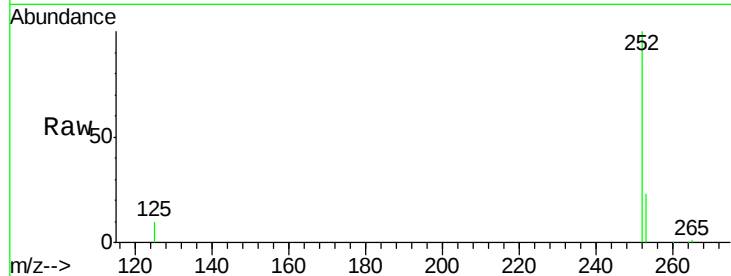
Tgt Ion:252 Resp: 56559

Ion Ratio Lower Upper

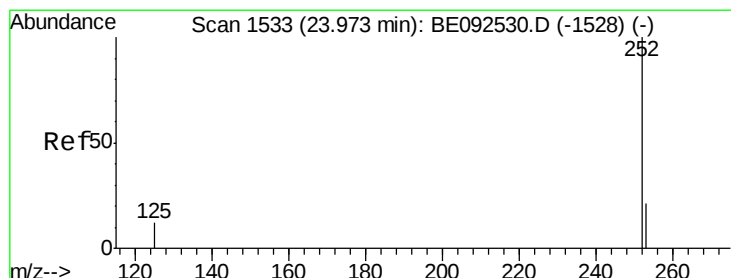
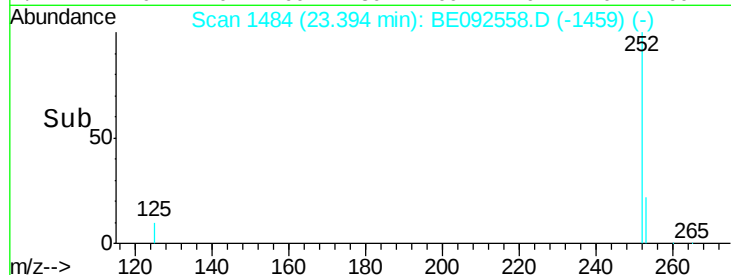
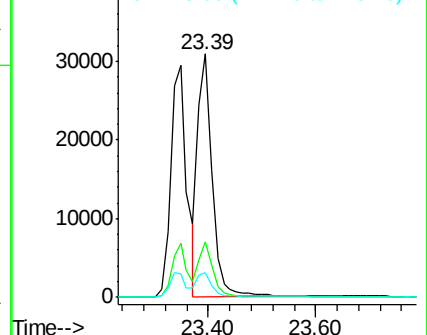
252 100

253 22.7 20.3 30.5

125 9.9 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: 3.95 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BE092558.D

Acq: 17 Nov 2016 10:43

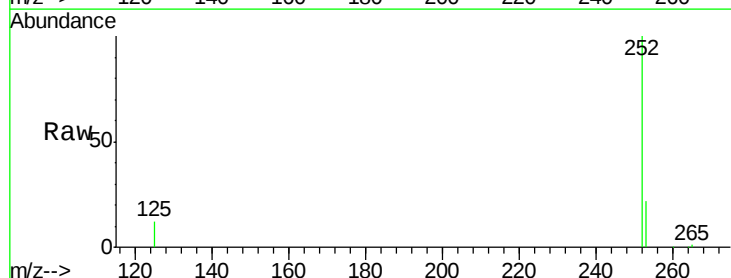
Tgt Ion:252 Resp: 58294

Ion Ratio Lower Upper

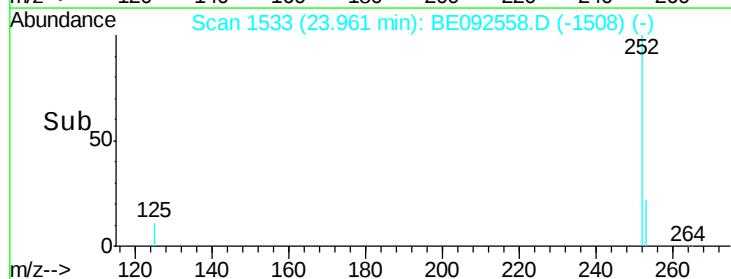
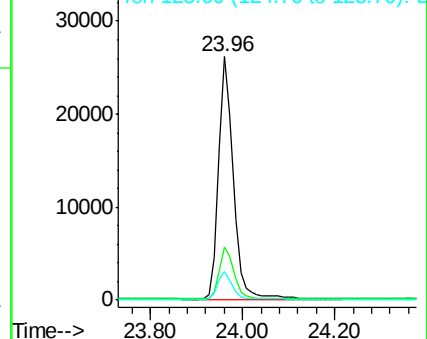
252 100

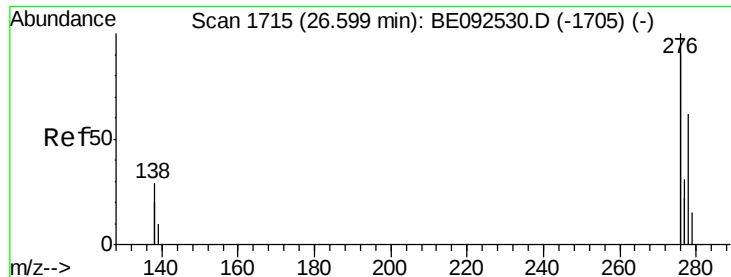
253 21.9 19.0 28.6

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

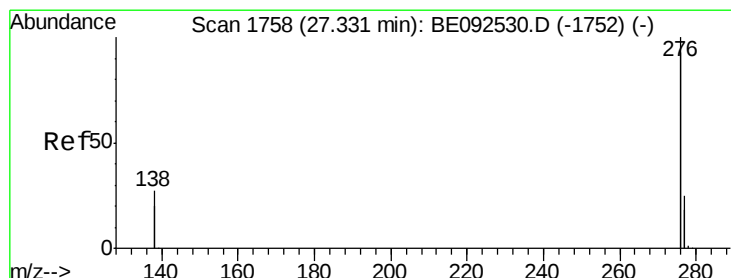
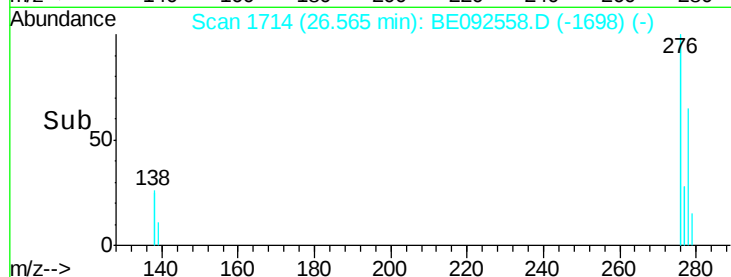
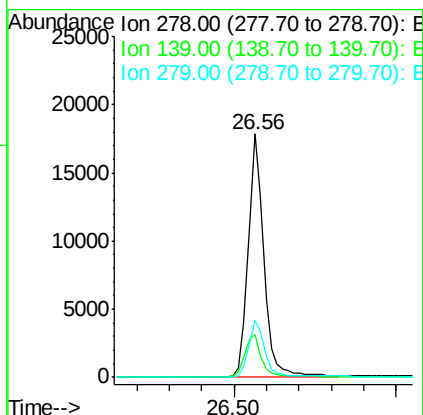
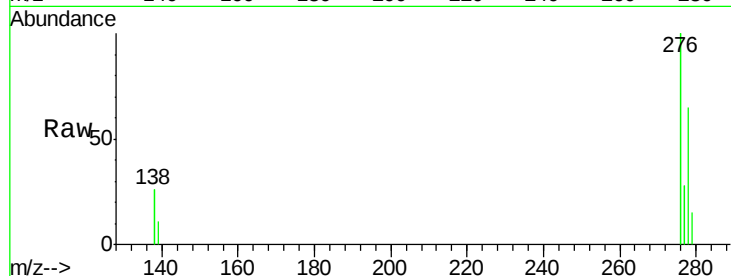




#35
Dibenzo(a,h)anthracene
Concen: 4.08 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BE092558.D
Acq: 17 Nov 2016 10:43

Instrument :
BNA_E
ClientSampleId :
PB94687BS

Tgt Ion:278 Resp: 59751
Ion Ratio Lower Upper
278 100
139 17.3 13.8 20.8
279 23.5 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 4.02 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092558.D
Acq: 17 Nov 2016 10:43

Tgt Ion:276 Resp: 249038
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.8
138 21.5 19.8 29.6

