

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
 Data File : BE092659.D
 Acq On : 19 Jan 2017 16:14
 Operator : UM/SJ
 Sample : I1305-30
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 0048

Quant Time: Jan 20 01:28:49 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	9076	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	39478	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	22746	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	49603	5.00	ng	0.00
24) Chrysene-d12	21.72	240	60204	5.00	ng	0.00
31) Perylene-d12	24.06	264	63602	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.63	112	21574	10.65	ng	-0.02
5) Phenol-d6	7.29	99	27455	11.05	ng	-0.04
8) Nitrobenzene-d5	9.32	82	12307	4.80	ng	-0.02
13) 2,4,6-Tribromophenol	16.29	330	6415	9.53	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	26991	4.83	ng	-0.01
26) Terphenyl-d14	20.16	244	38193	4.49	ng	0.00

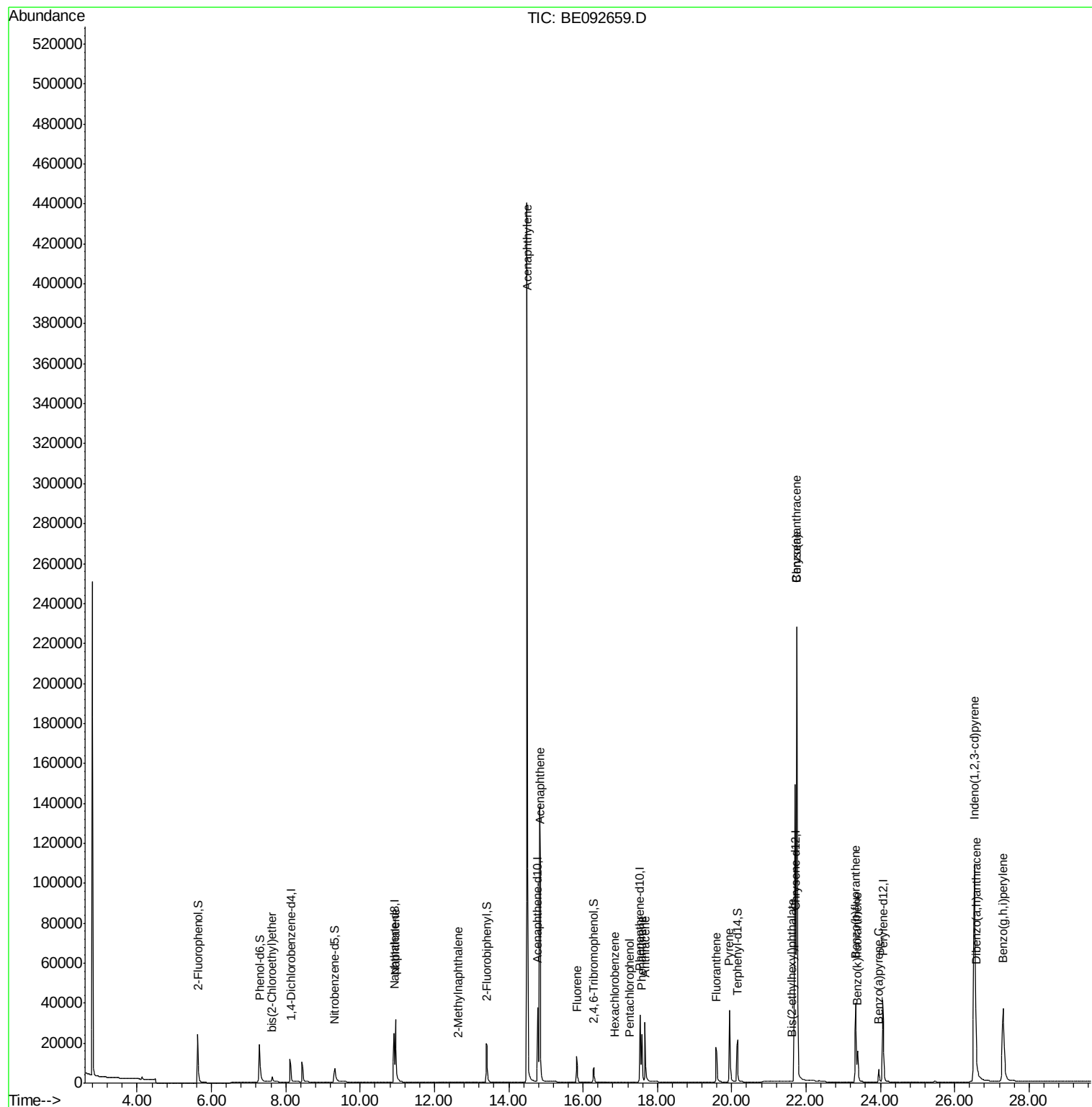
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	2	Below Cal	#	19
6) bis(2-Chloroethyl)ether	7.64	93	70	0.03	ng	# 1
9) Naphthalene	10.95	128	53342	6.47	ng	# 95
11) 2-Methylnaphthalene	12.62	142	192	0.04	ng	# 80
15) Acenaphthylene	14.49	152	576833	18.40	ng	99
16) Acenaphthene	14.85	154	34922	6.95	ng	94
17) Fluorene	15.83	166	11610	1.84	ng	99
19) Hexachlorobenzene	16.86	284	827	0.43	ng	# 39
20) Pentachlorophenol	17.26	266	11	0.02	ng	# 73
21) Phenanthrene	17.58	178	28334	2.59	ng	95
22) Anthracene	17.67	178	44738	4.43	ng	99
23) Fluoranthene	19.58	202	33637	0.69	ng	100
25) Pyrene	19.93	202	68450	1.15	ng	100
27) Benzo(a)anthracene	21.75	228	429448	7.24	ng	98
28) Chrysene	21.75	228	430927	6.46	ng	# 78
29) Bis(2-ethylhexyl)phthalate	21.61	149	227	0.22	ng	# 66
30) Indeno(1,2,3-cd)pyrene	26.53	276	263666	3.66	ng	97
32) Benzo(b)fluoranthene	23.34	252	59980	3.90	ng	96
33) Benzo(k)fluoranthene	23.38	252	23425	1.52	ng	94
34) Benzo(a)pyrene	23.96	252	11961	0.83	ng	97
35) Dibenzo(a,h)anthracene	26.57	278	13916	0.98	ng	97
36) Benzo(g,h,i)perylene	27.30	276	104736	1.75	ng	98

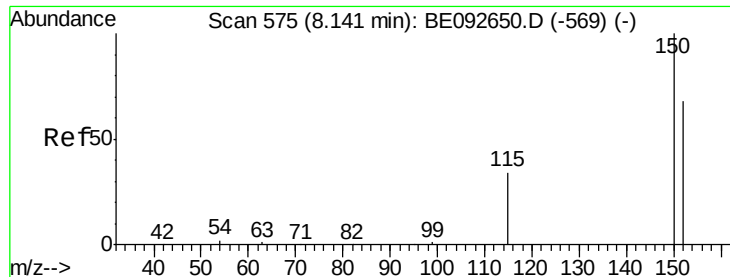
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

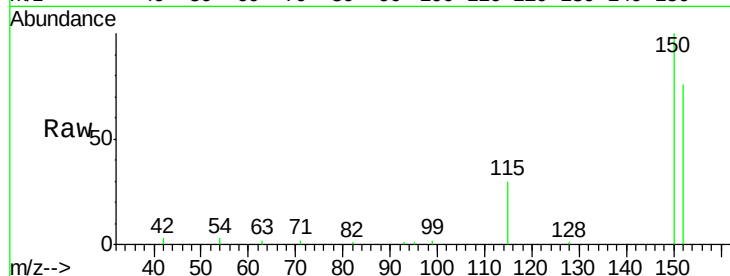
Tgt Ion: 152 Resp: 9076

Ion Ratio Lower Upper

152 100

150 131.4 106.0 159.0

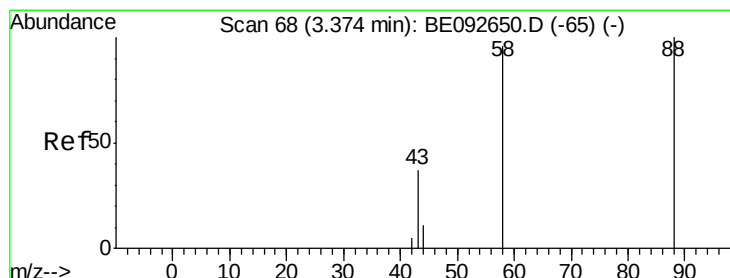
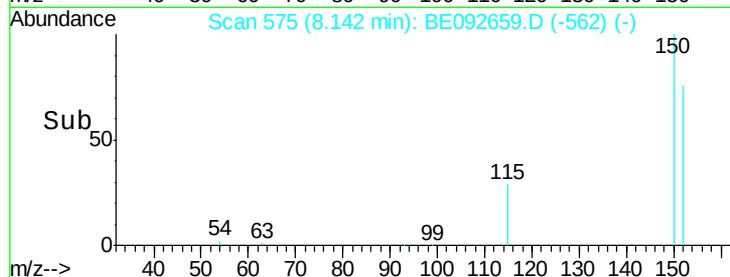
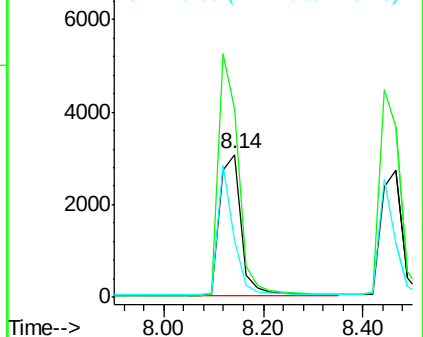
115 39.5 31.2 46.8



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: Below Cal

RT: 3.62 min Scan# 89

Delta R.T. 0.24 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

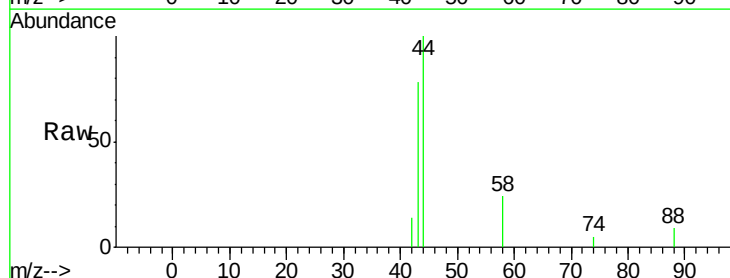
Tgt Ion: 88 Resp: 2

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

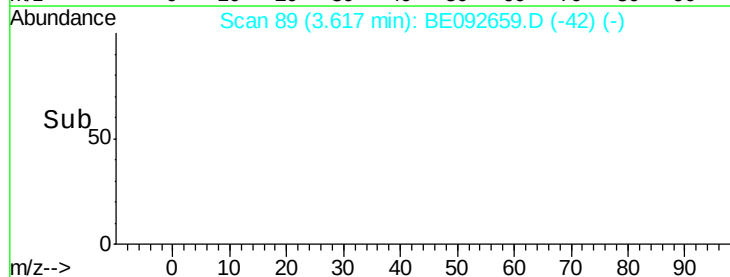
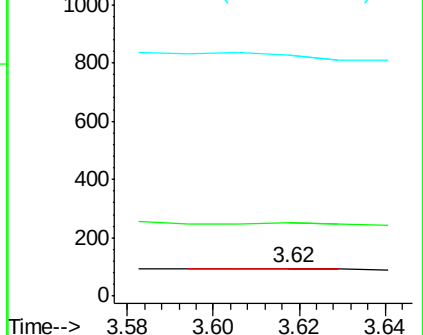
43 0.0 28.0 42.0#

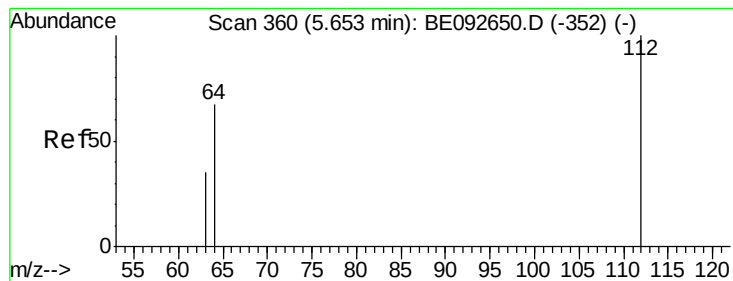


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 10.65 ng

RT: 5.63 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

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ClientSampleId :

0048

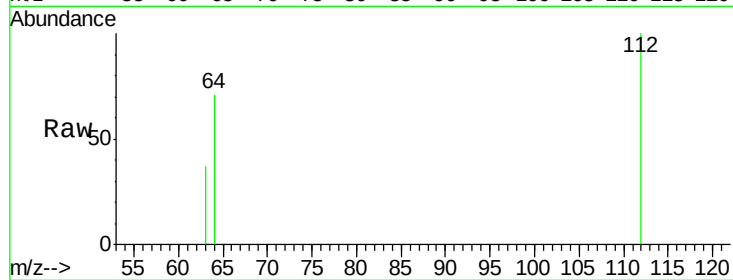
Tgt Ion: 112 Resp: 21574

Ion Ratio Lower Upper

112 100

64 69.3 53.5 80.3

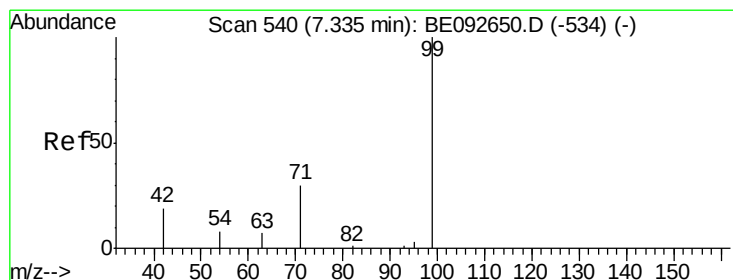
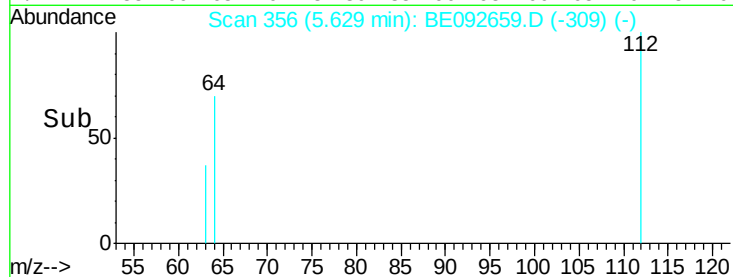
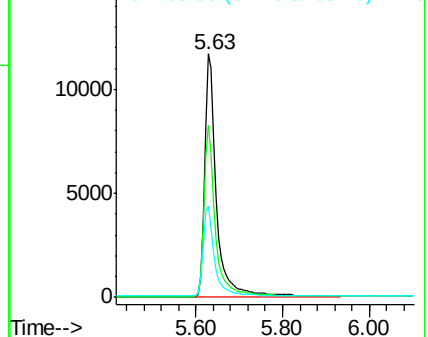
63 37.1 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092659.D (-309) (-)

Ion 64.00 (63.70 to 64.70): BE092659.D (-309) (-)

Ion 63.00 (62.70 to 63.70): BE092659.D (-309) (-)



#5

Phenol-d6

Concen: 11.05 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

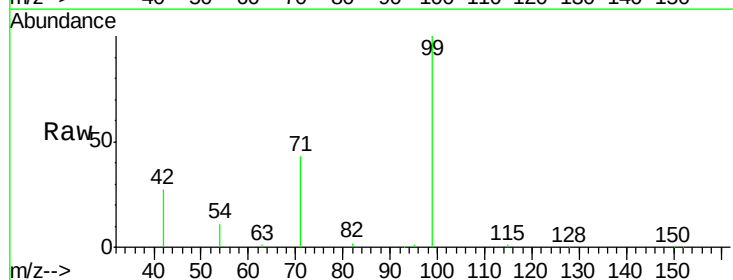
Tgt Ion: 99 Resp: 27455

Ion Ratio Lower Upper

99 100

42 24.4 16.0 24.0#

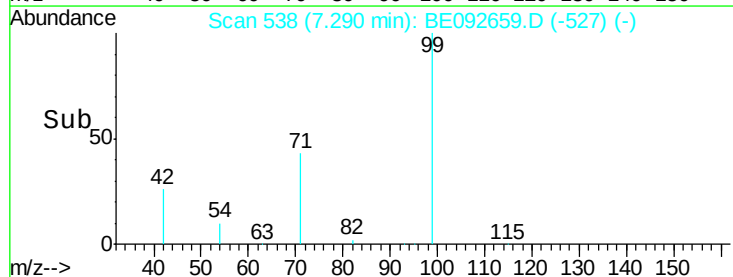
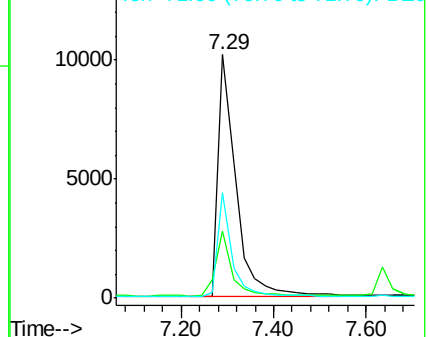
71 35.3 30.6 45.8

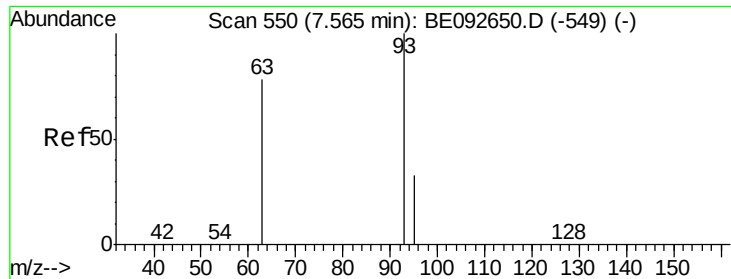


Abundance Ion 99.00 (98.70 to 99.70): BE092659.D (-527) (-)

Ion 42.00 (41.70 to 42.70): BE092659.D (-527) (-)

Ion 71.00 (70.70 to 71.70): BE092659.D (-527) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.03 ng

RT: 7.64 min Scan# 553

Delta R.T. 0.07 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

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ClientSampleId :

0048

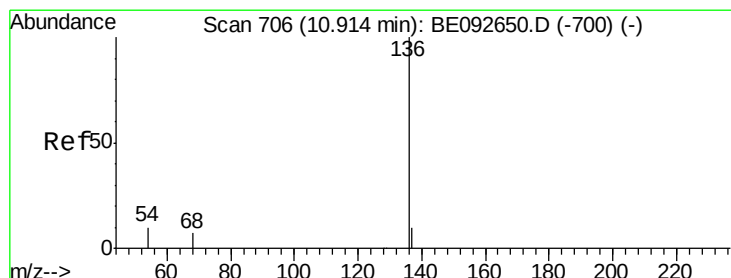
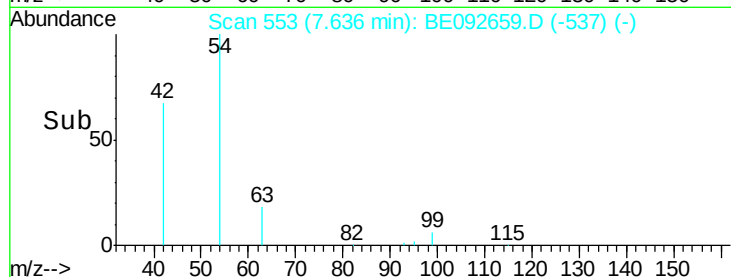
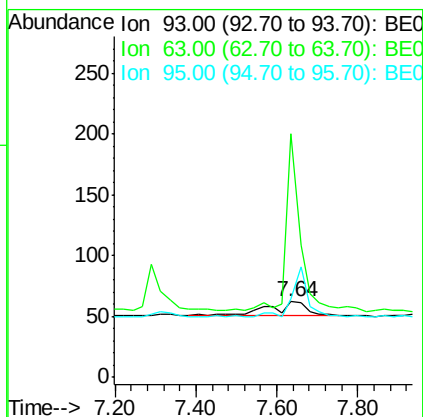
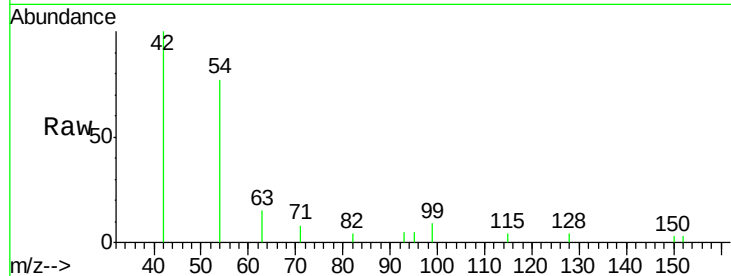
Tgt Ion: 93 Resp: 70

Ion Ratio Lower Upper

93 100

63 474.3 71.6 107.4#

95 0.0 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: BE092659.D

Acq: 19 Jan 2017 16:14

Tgt Ion: 136 Resp: 39478

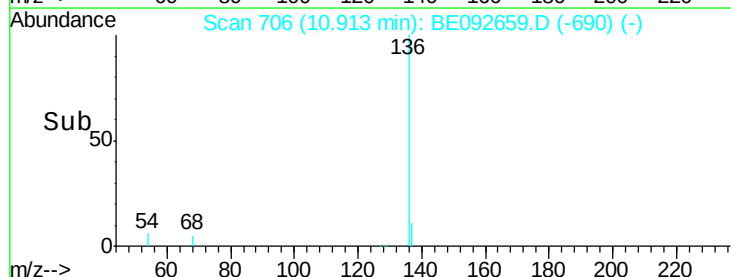
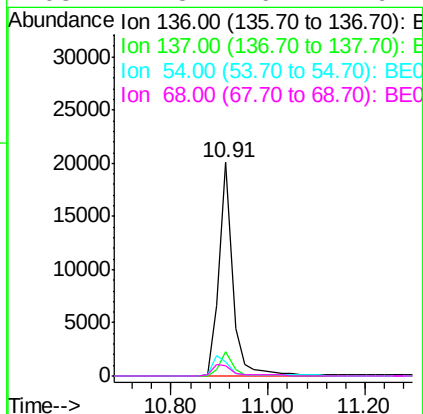
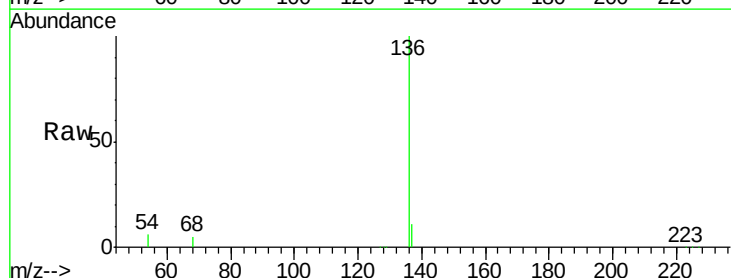
Ion Ratio Lower Upper

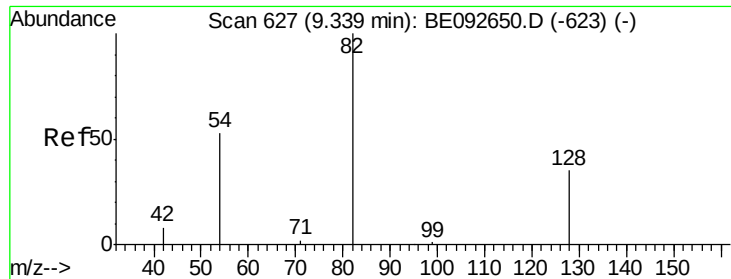
136 100

137 11.4 8.2 12.4

54 6.4 9.6 14.4#

68 4.8 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 4.80 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

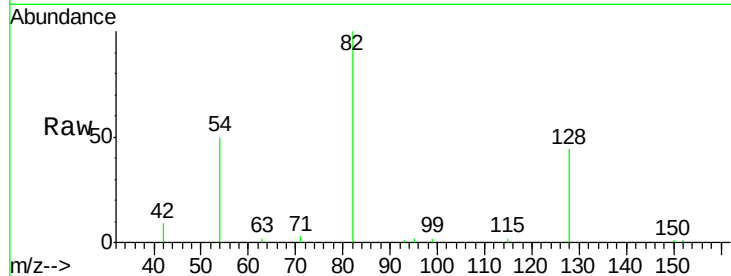
Tgt Ion: 82 Resp: 12307

Ion Ratio Lower Upper

82 100

128 44.0 39.0 58.4

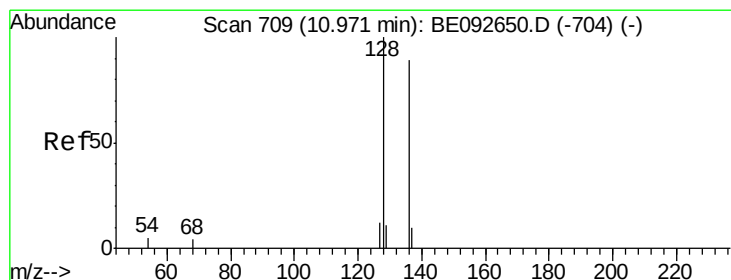
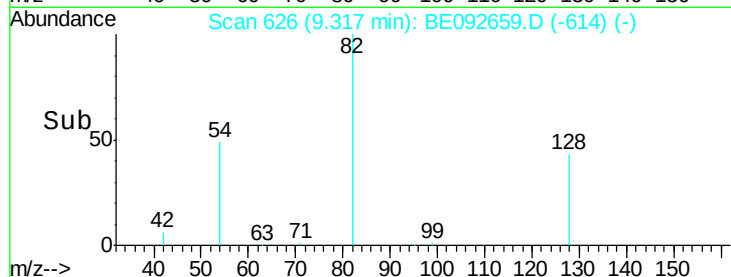
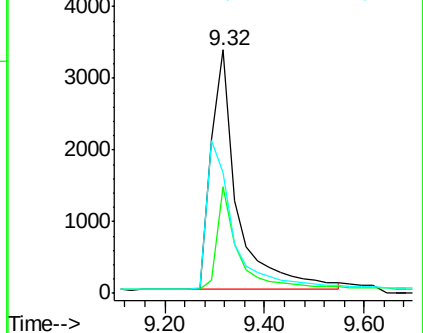
54 49.7 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 6.47 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

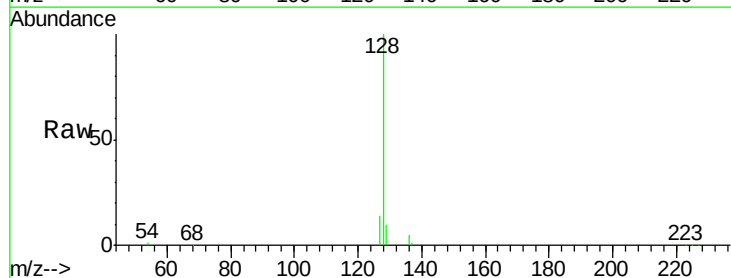
Tgt Ion: 128 Resp: 53342

Ion Ratio Lower Upper

128 100

129 10.4 11.2 16.8#

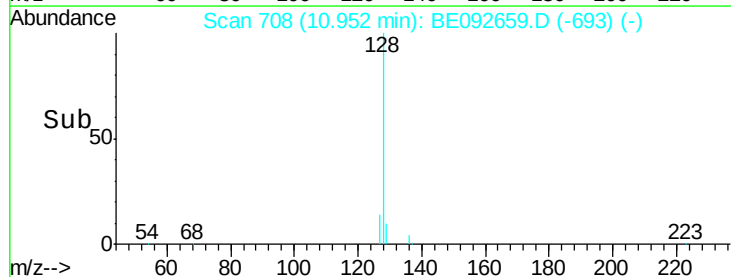
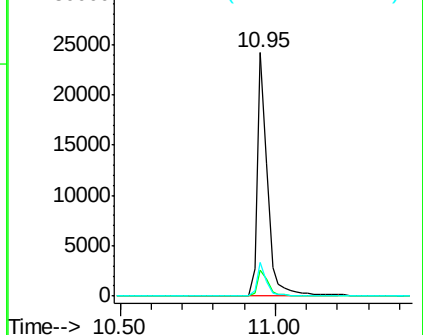
127 13.7 11.6 17.4

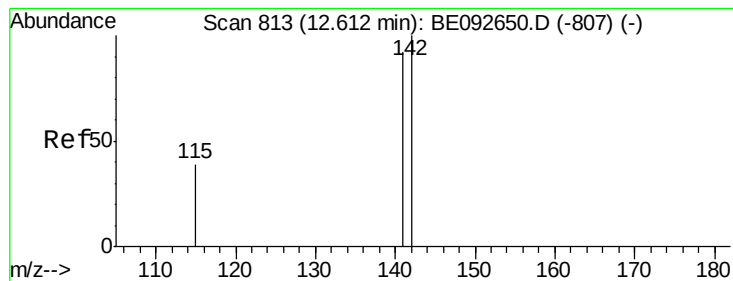


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.62 min Scan# 814

Delta R.T. 0.01 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

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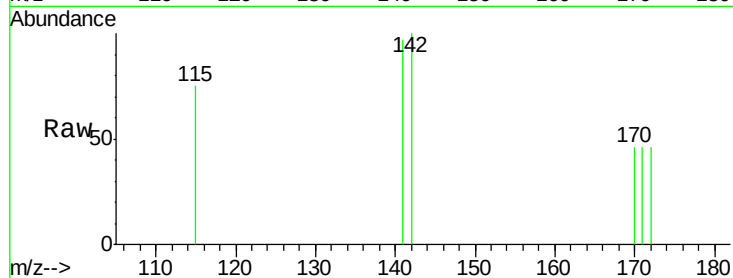
Tgt Ion:142 Resp: 192

Ion Ratio Lower Upper

142 100

141 96.9 73.7 110.5

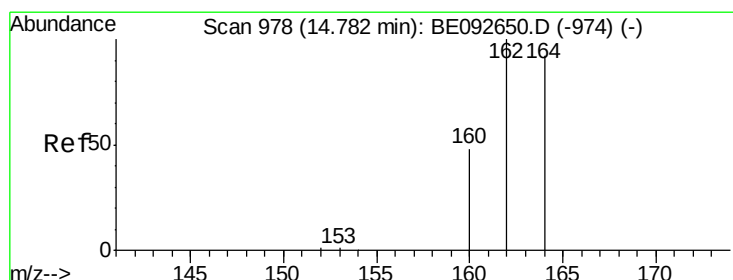
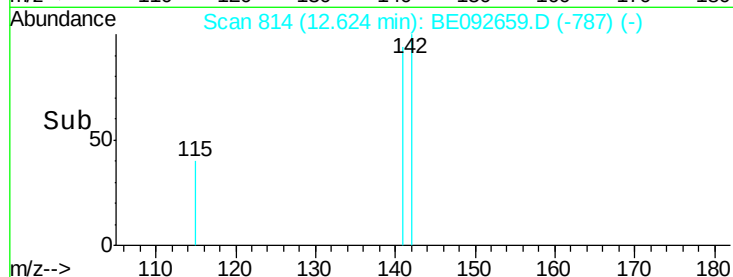
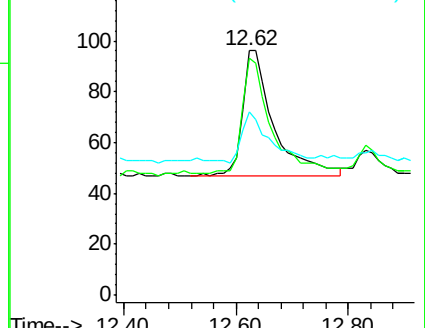
115 75.0 34.0 51.0#



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: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

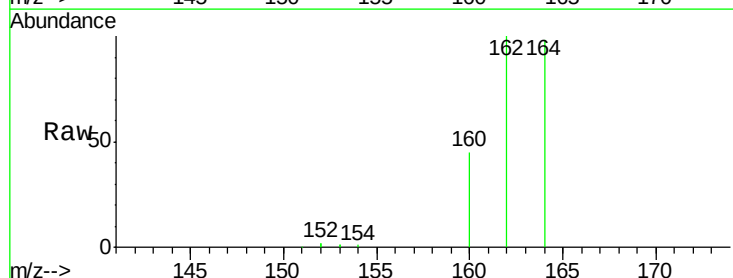
Tgt Ion:164 Resp: 22746

Ion Ratio Lower Upper

164 100

162 102.0 71.4 107.0

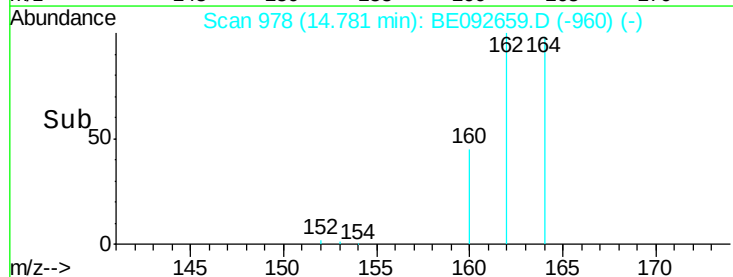
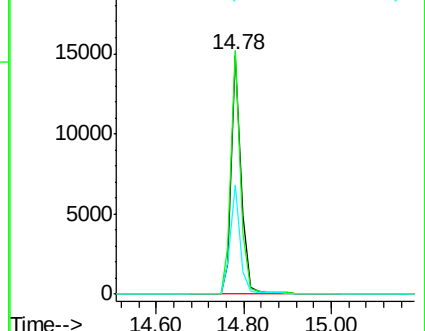
160 45.9 27.4 41.2#

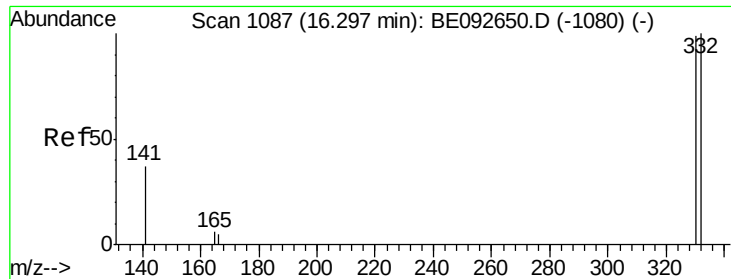


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

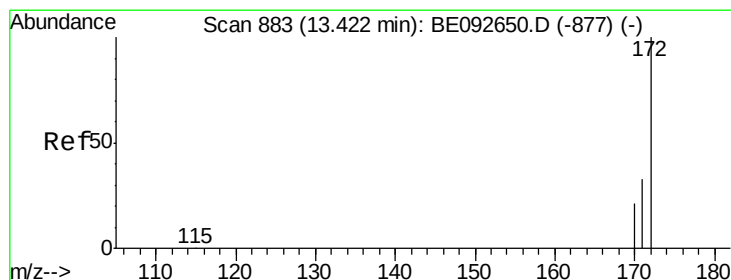
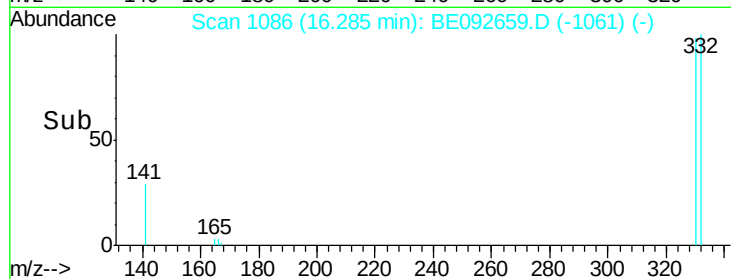
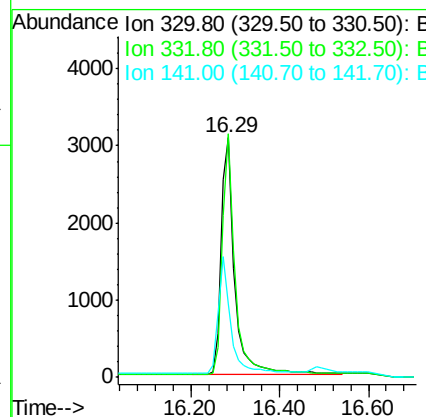
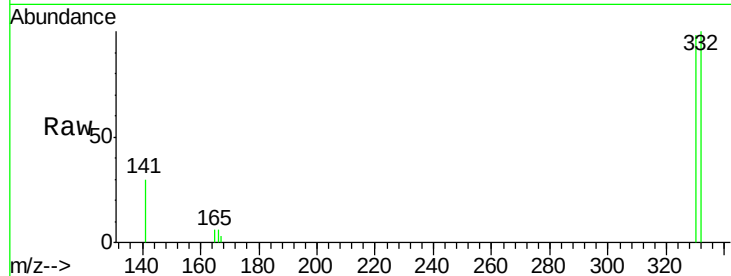




#13
 2,4,6-Tribromophenol
 Concen: 9.53 ng
 RT: 16.29 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092659.D
 Acq: 19 Jan 2017 16:14

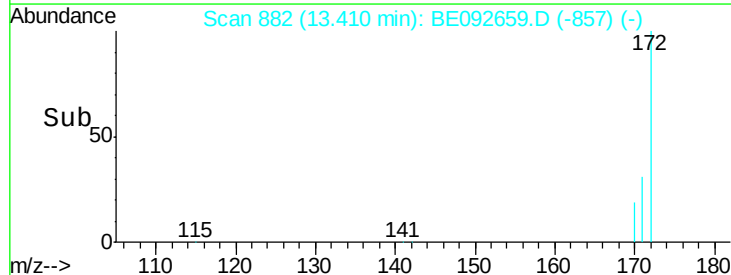
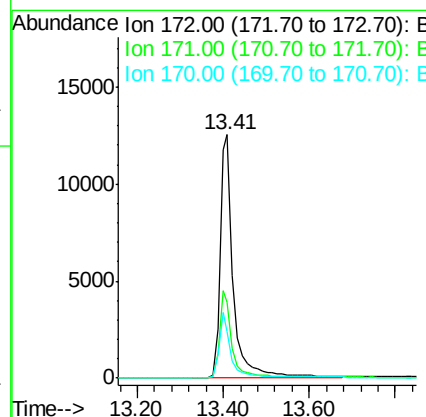
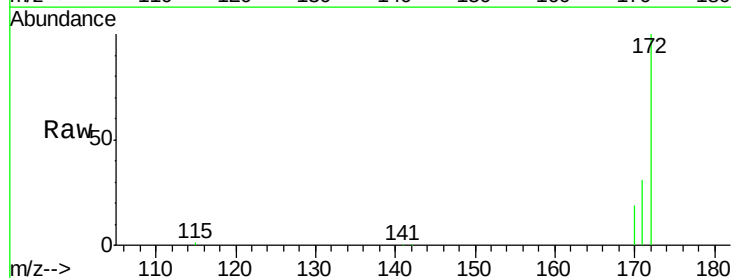
Instrument :
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 0048

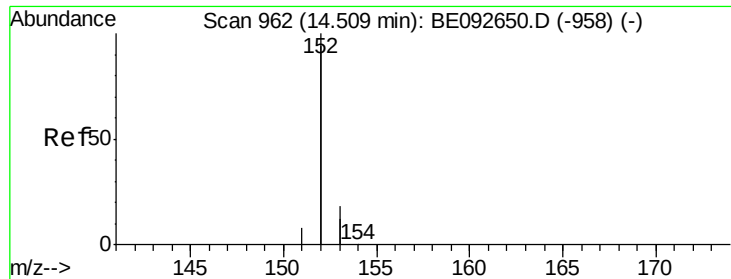
Tgt Ion: 330 Resp: 6415
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 46.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.83 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092659.D
 Acq: 19 Jan 2017 16:14

Tgt Ion: 172 Resp: 26991
 Ion Ratio Lower Upper
 172 100
 171 31.0 30.1 45.1
 170 19.3 21.8 32.6#





#15

Acenaphthylene

Concen: 18.40 ng

RT: 14.49 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

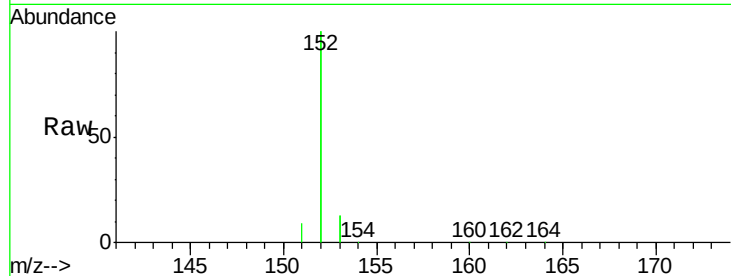
Tgt Ion:152 Resp: 576833

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

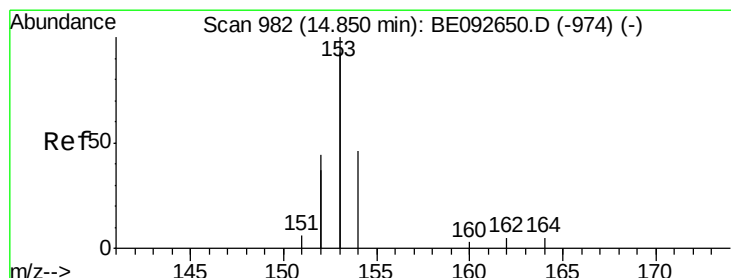
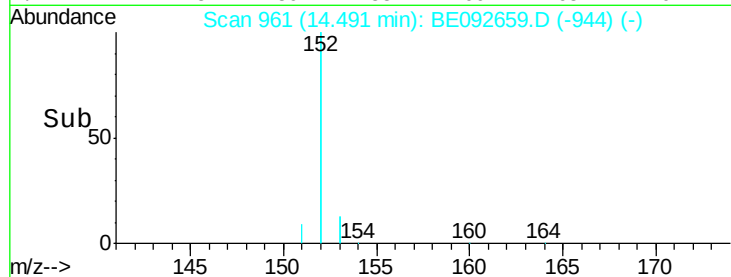
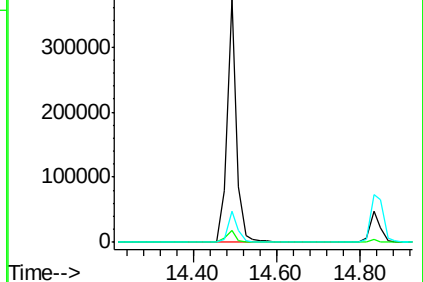
153 13.4 10.4 15.6



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: 6.95 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

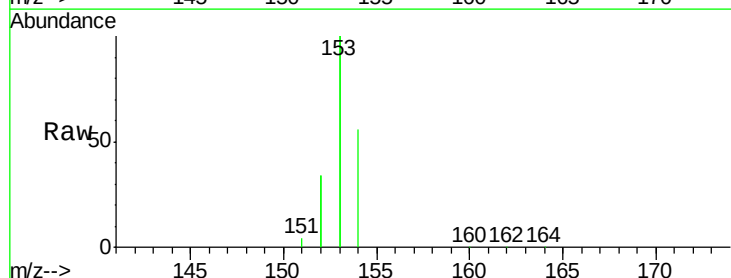
Tgt Ion:154 Resp: 34922

Ion Ratio Lower Upper

154 100

153 445.7 350.8 526.2

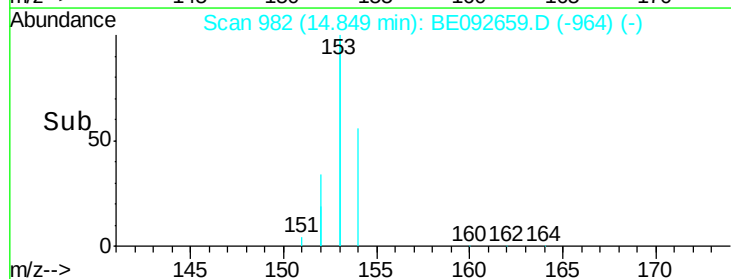
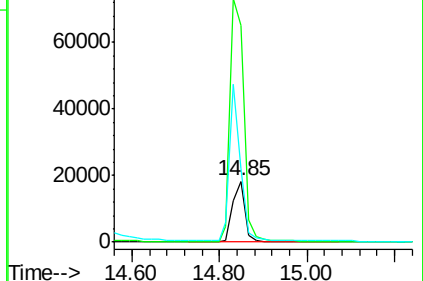
152 231.9 171.1 256.7

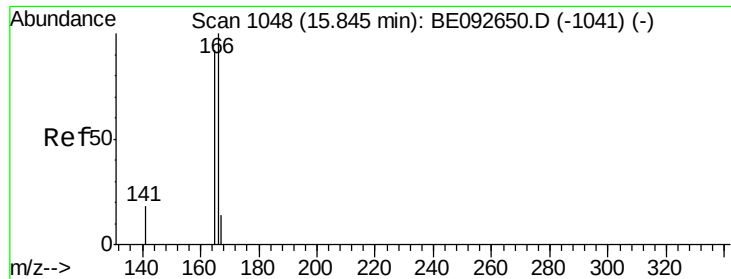


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

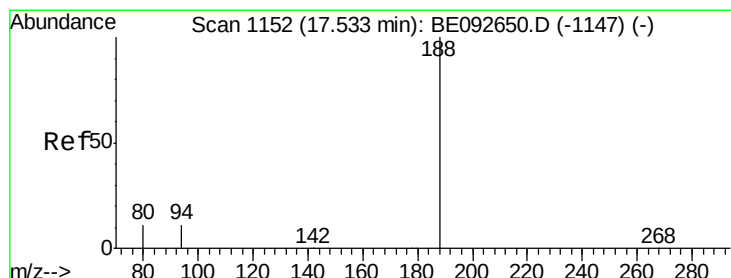
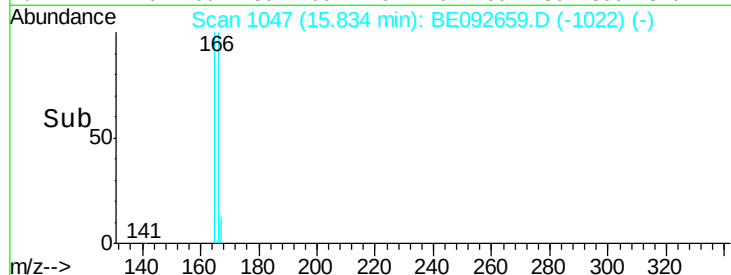
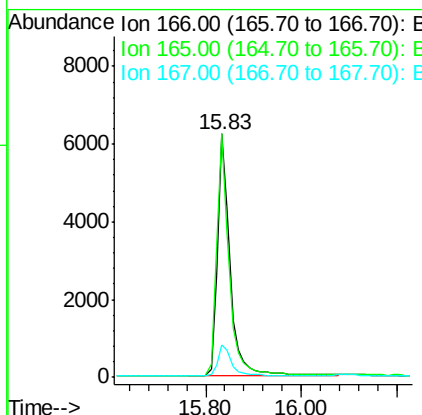
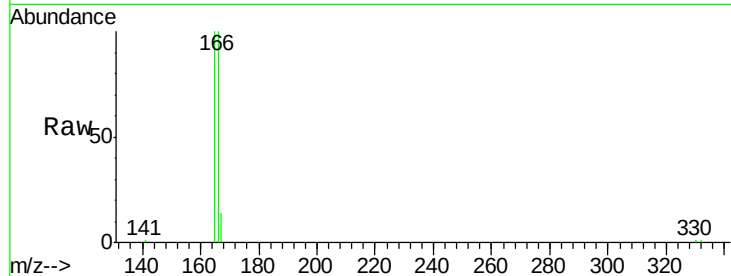




#17
Fluorene
 Concen: 1.84 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092659.D
 Acq: 19 Jan 2017 16:14

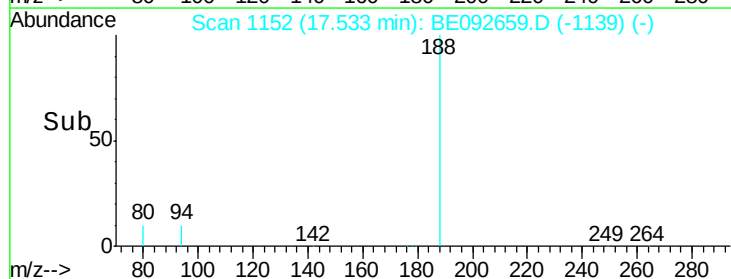
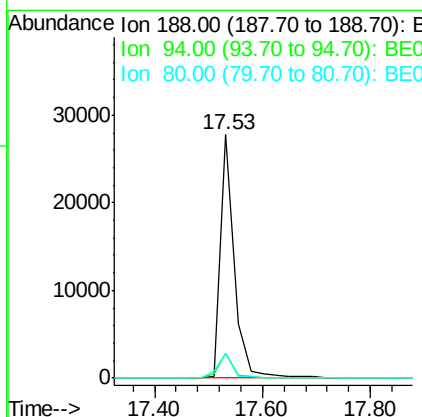
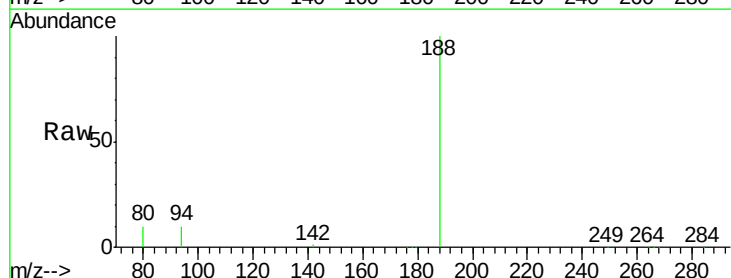
Instrument :
 BNA_E
 ClientSampleId :
 0048

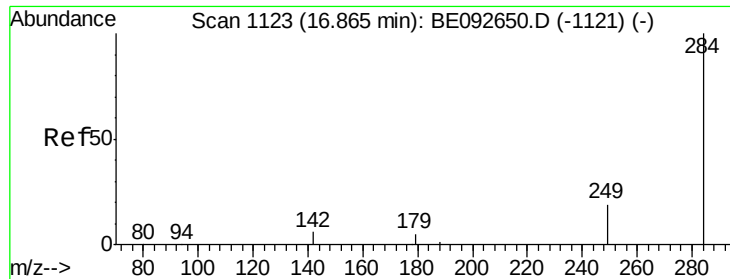
Tgt Ion:166 Resp: 11610
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.4
 167 13.3 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092659.D
 Acq: 19 Jan 2017 16:14

Tgt Ion:188 Resp: 49603
 Ion Ratio Lower Upper
 188 100
 94 10.2 3.2 4.8#
 80 10.2 2.6 3.8#

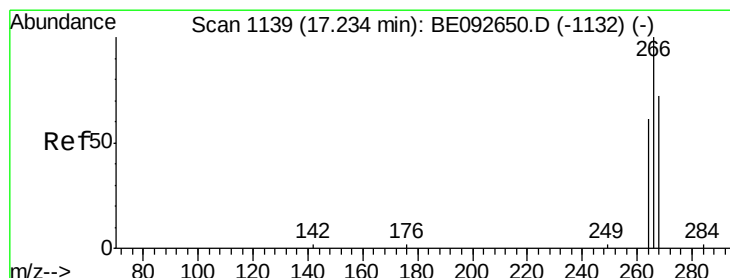
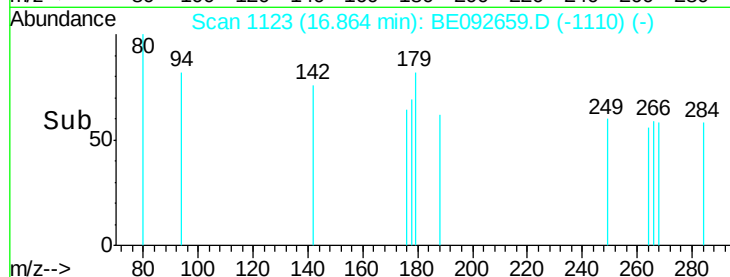
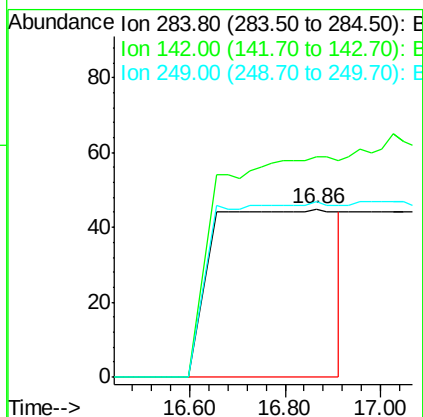
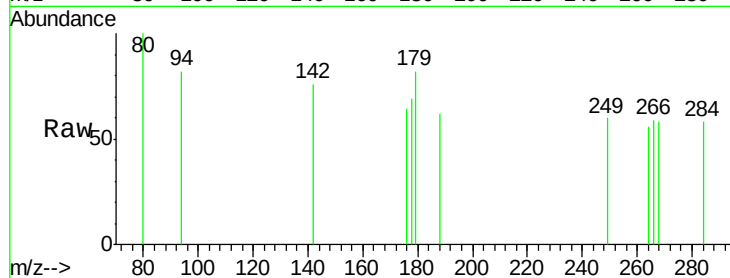




#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

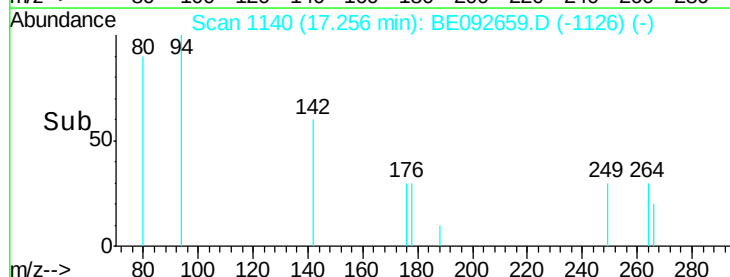
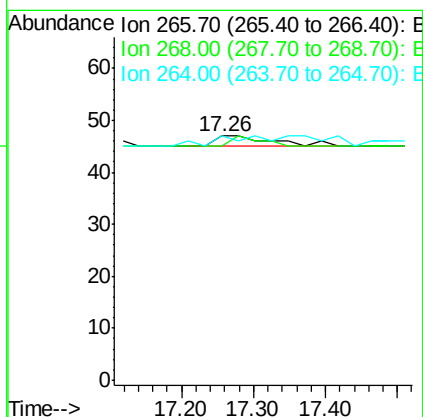
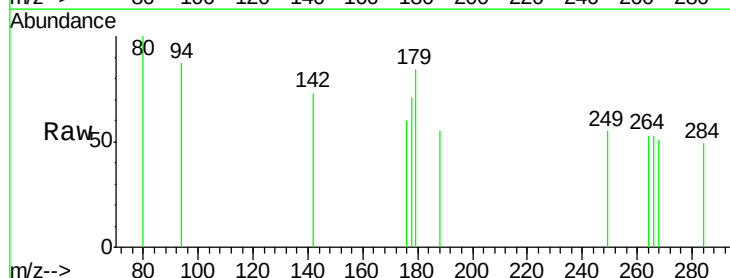
Instrument :
BNA_E
ClientSampled :
0048

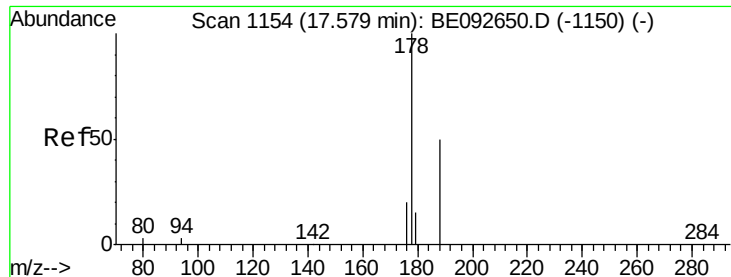
Tgt Ion: 284 Resp: 827
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 0.02 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion: 266 Resp: 11
Ion Ratio Lower Upper
266 100
268 95.7 62.5 93.7#
264 100.0 57.2 85.8#





#21

Phenanthrene

Concen: 2.59 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

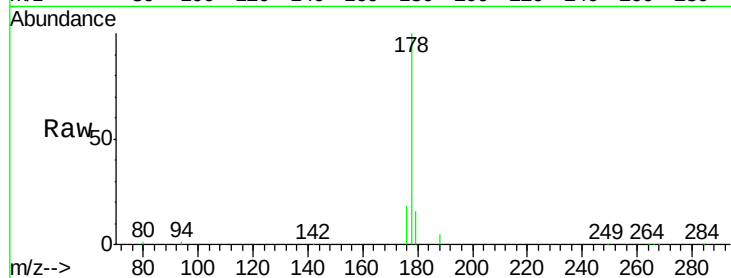
Tgt Ion:178 Resp: 28334

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

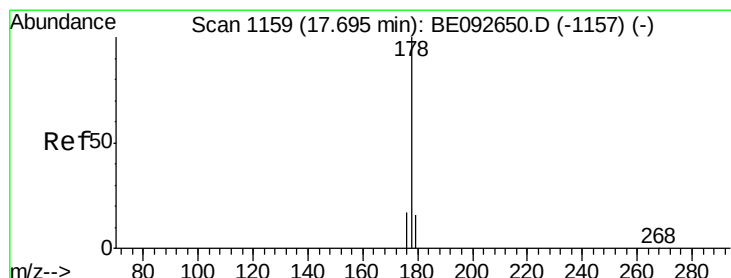
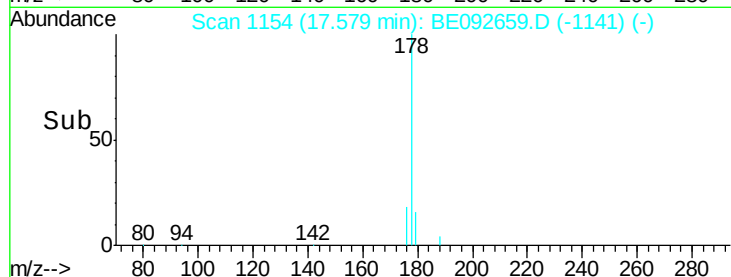
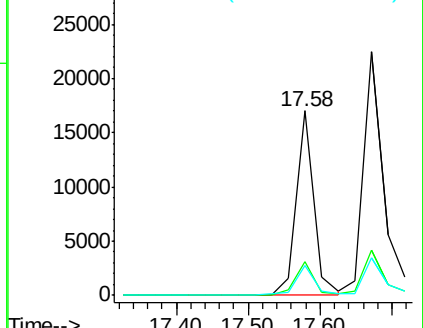
179 16.0 16.0 24.0



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: 4.43 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

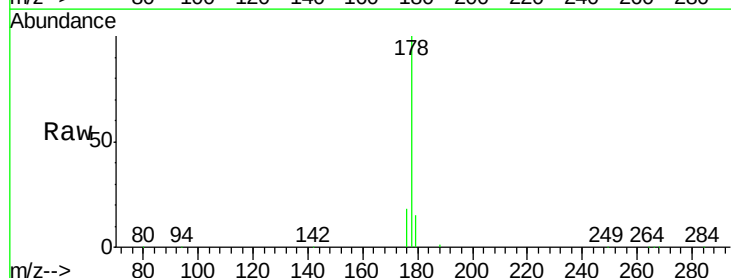
Tgt Ion:178 Resp: 44738

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

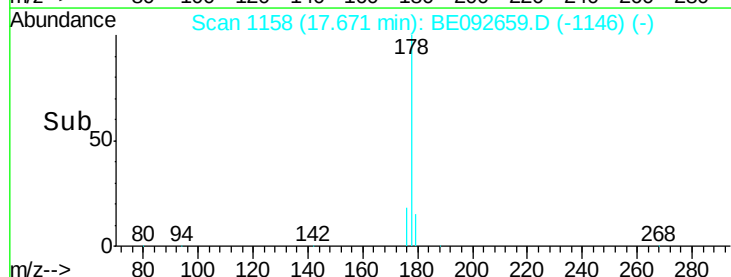
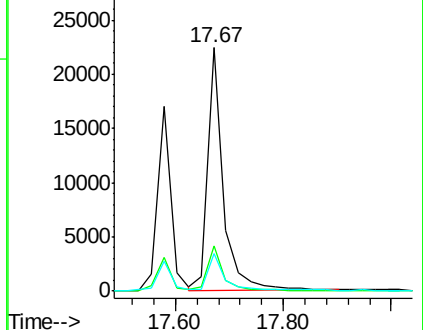
179 15.9 12.2 18.2

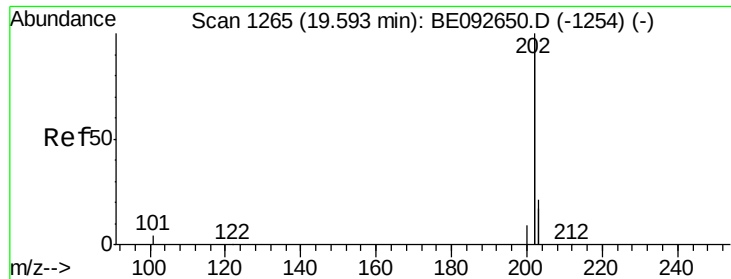


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.69 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

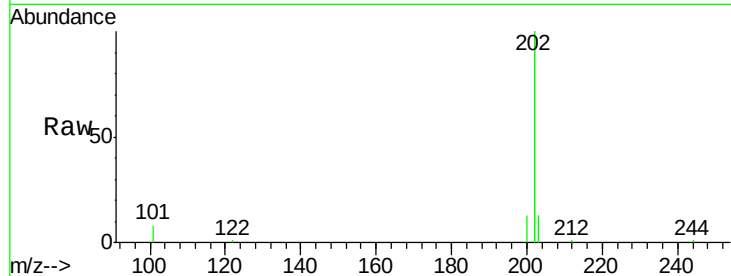
Instrument :

BNA_E

ClientSampleId :

0048

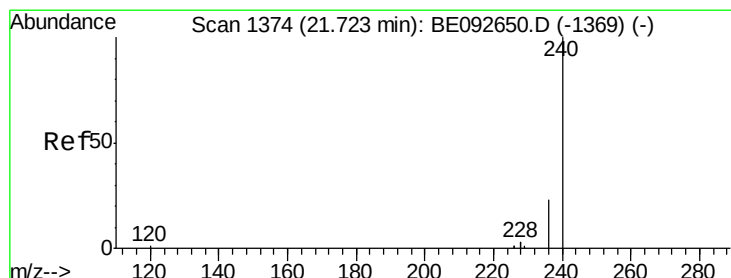
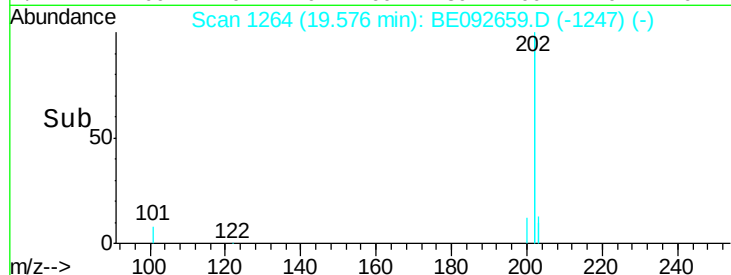
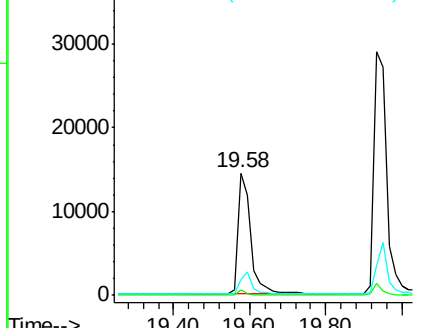
Tgt Ion:	202	Resp:	33637
Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.1	13.7	20.5



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

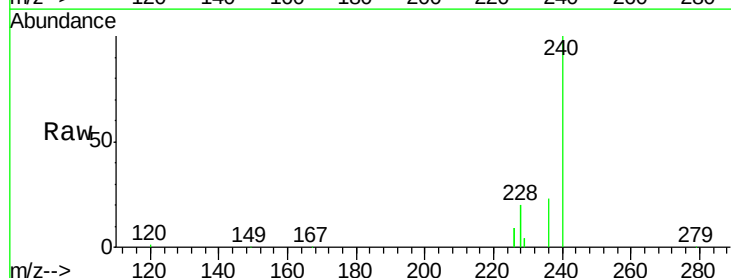
RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

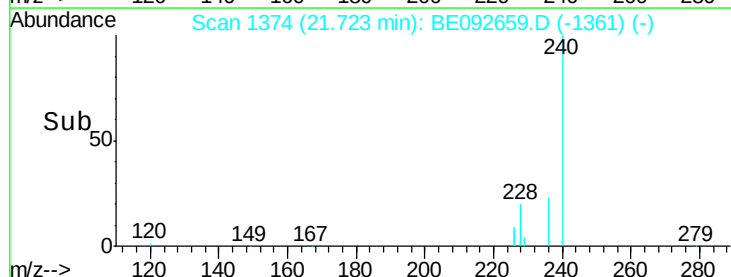
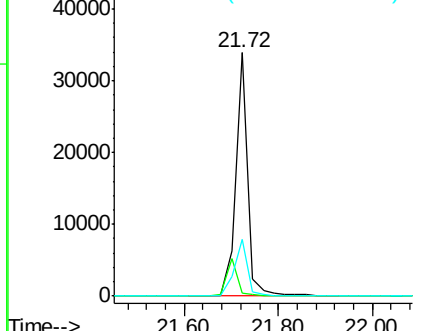
Tgt Ion:	240	Resp:	60204
Ion	Ratio	Lower	Upper
240	100		
120	1.4	2.6	4.0#
236	23.1	24.6	37.0#

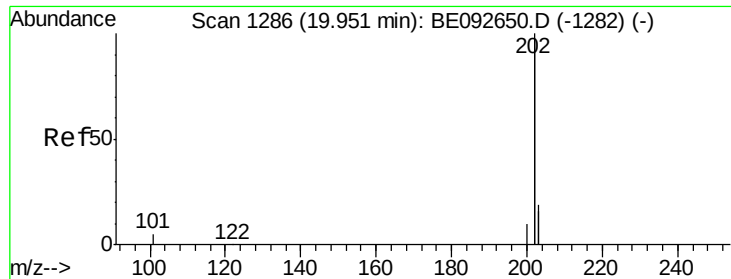


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 1.15 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

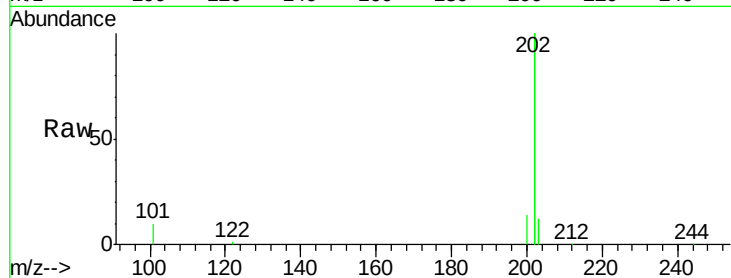
Tgt Ion: 202 Resp: 68450

Ion Ratio Lower Upper

202 100

200 5.5 4.2 6.4

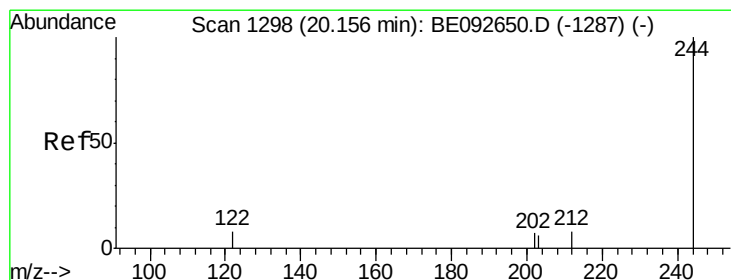
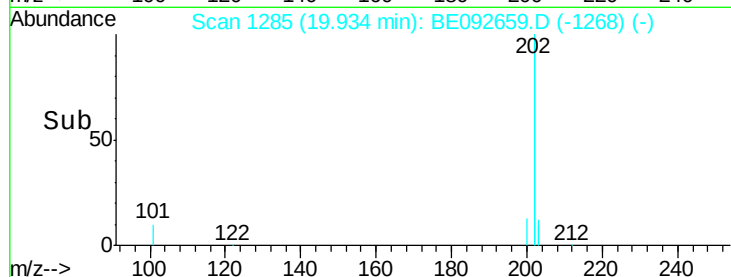
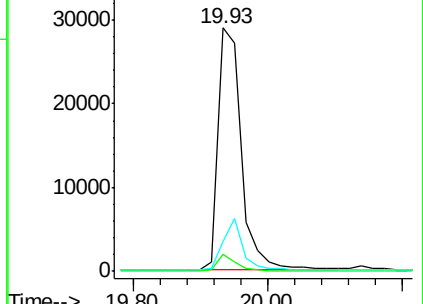
203 17.6 13.9 20.9



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: 4.49 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

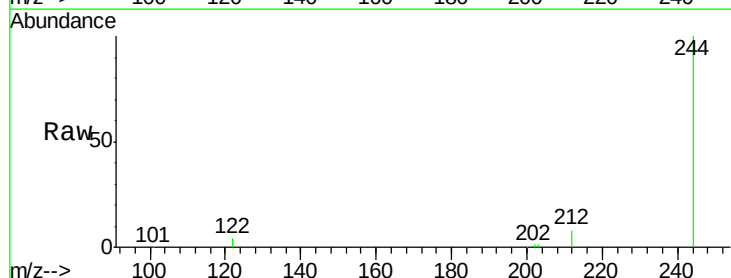
Tgt Ion: 244 Resp: 38193

Ion Ratio Lower Upper

244 100

212 7.6 6.7 10.1

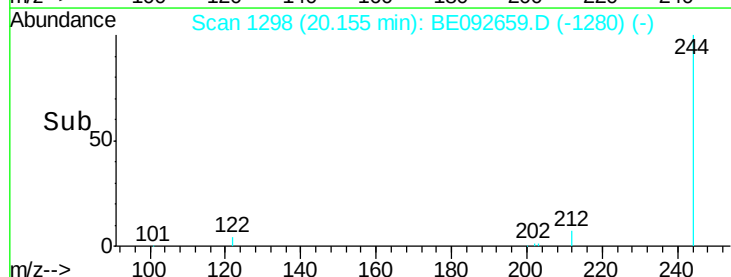
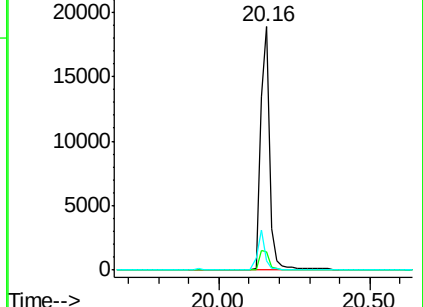
122 3.8 3.6 5.4

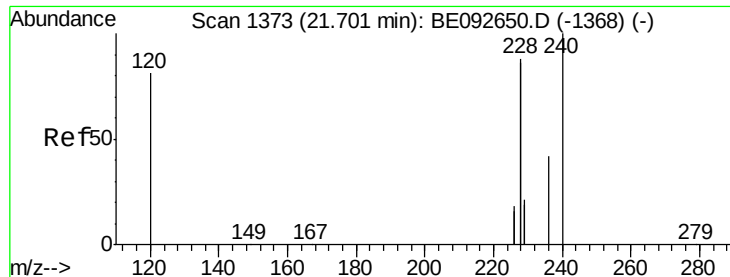


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 7.24 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.04 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

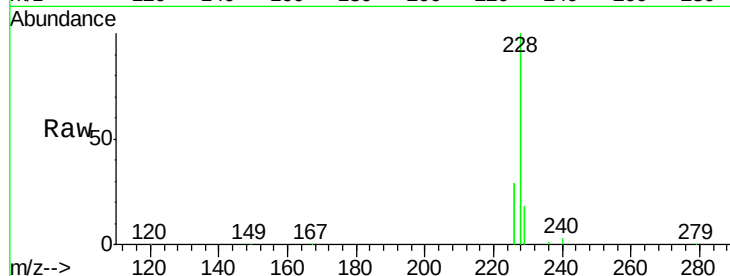
Tgt Ion:228 Resp: 429448

Ion Ratio Lower Upper

228 100

226 28.9 23.6 35.4

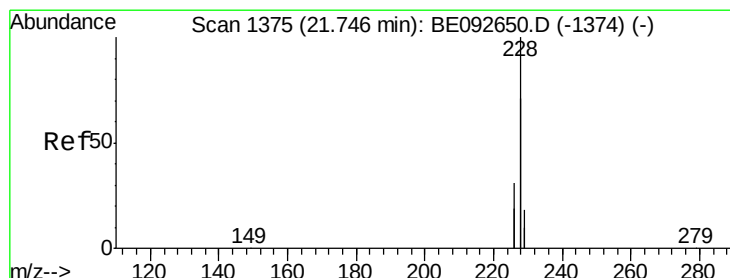
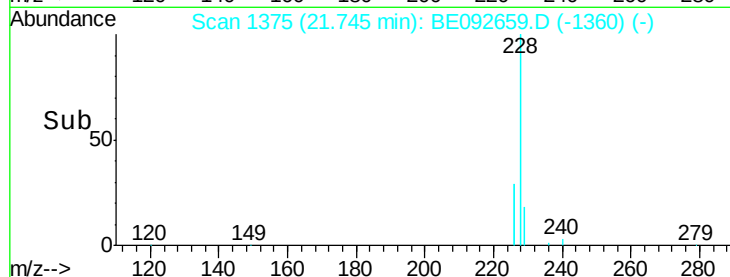
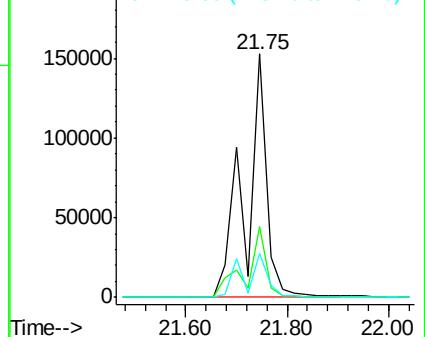
229 18.2 13.3 19.9



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: 6.46 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

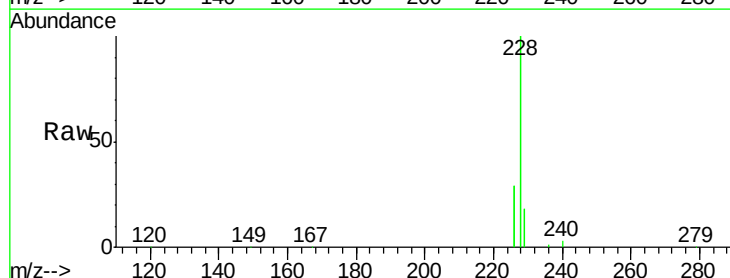
Tgt Ion:228 Resp: 430927

Ion Ratio Lower Upper

228 100

226 28.9 36.3 54.5#

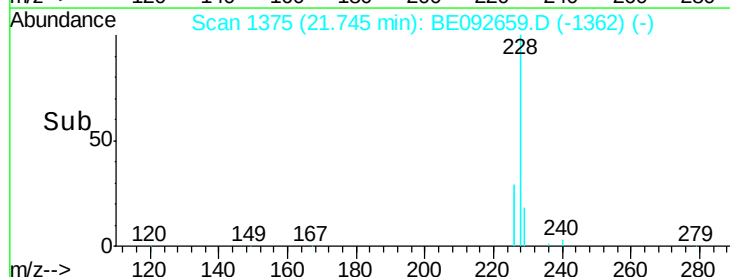
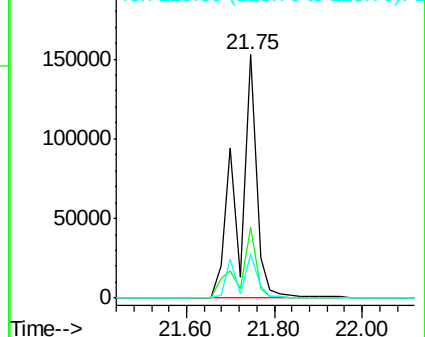
229 18.2 10.6 16.0#

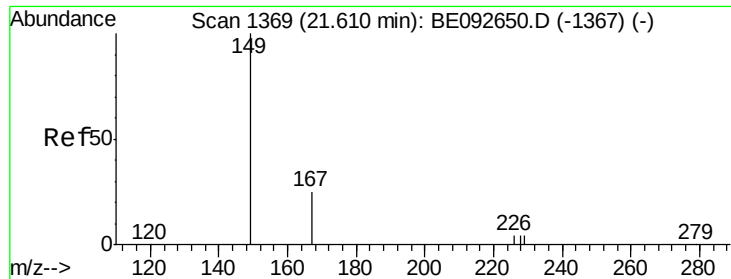


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

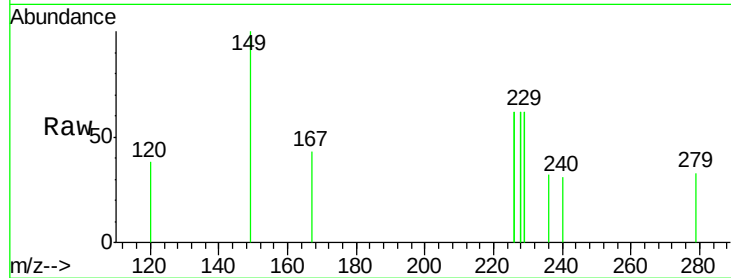
Tgt Ion:149 Resp: 227

Ion Ratio Lower Upper

149 100

167 8.8 16.0 24.0#

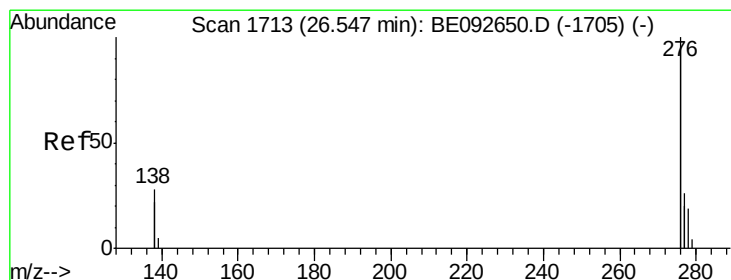
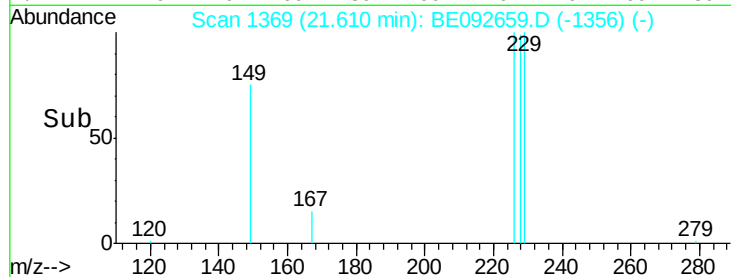
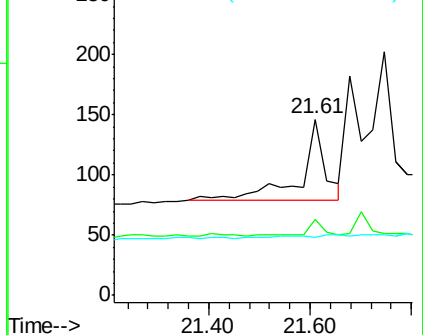
279 0.0 16.0 24.0#



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: 3.66 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

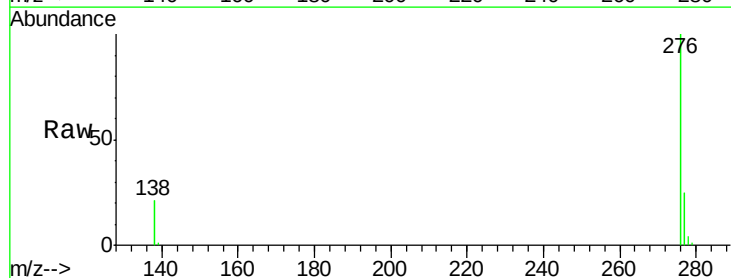
Tgt Ion:276 Resp: 263666

Ion Ratio Lower Upper

276 100

138 23.1 20.3 30.5

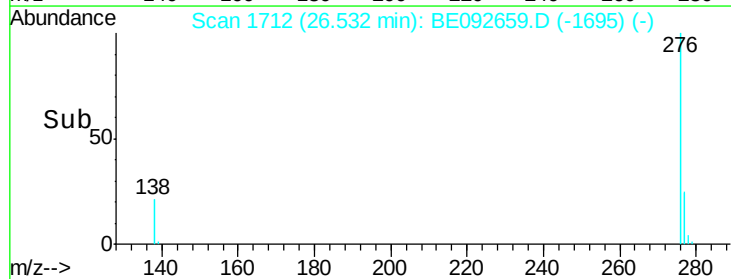
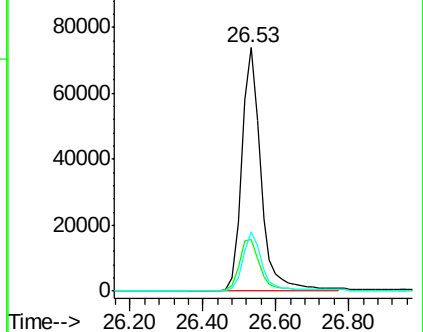
277 24.0 19.7 29.5

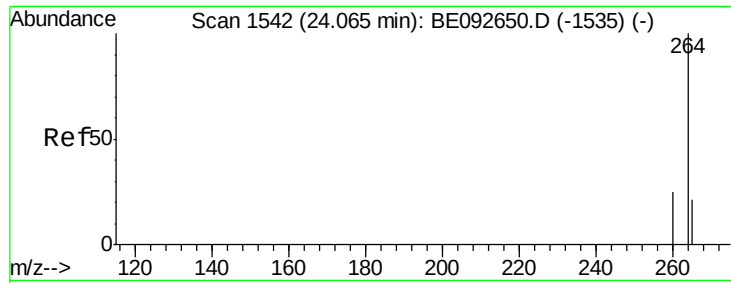


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

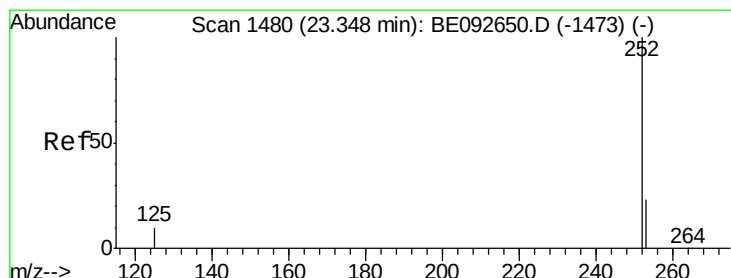
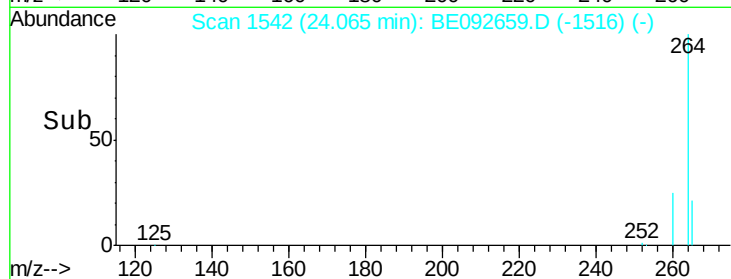
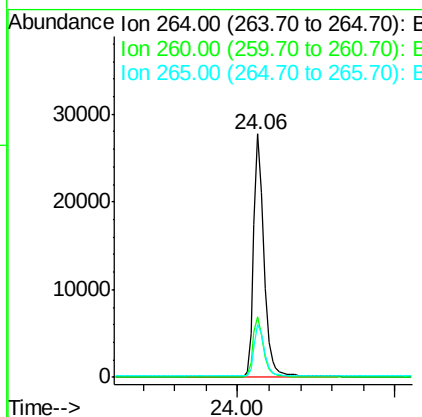
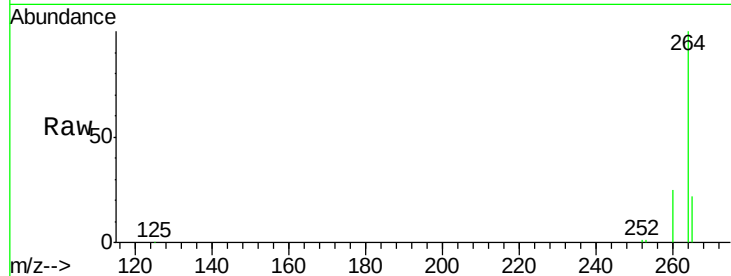




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092659.D
 Acq: 19 Jan 2017 16:14

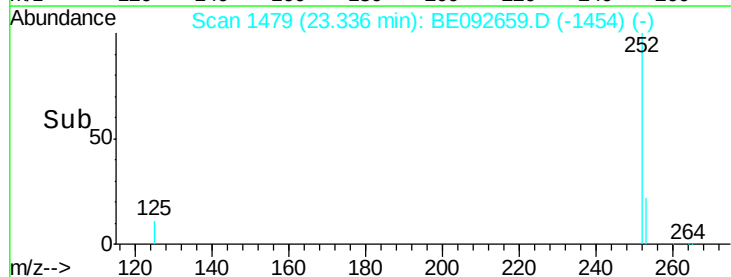
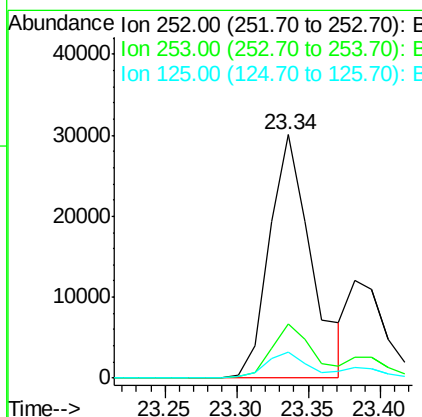
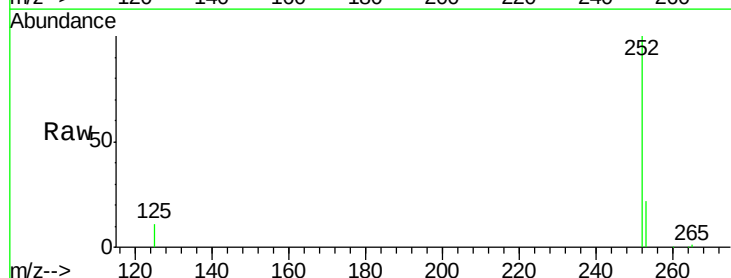
Instrument :
 BNA_E
 ClientSampleId :
 0048

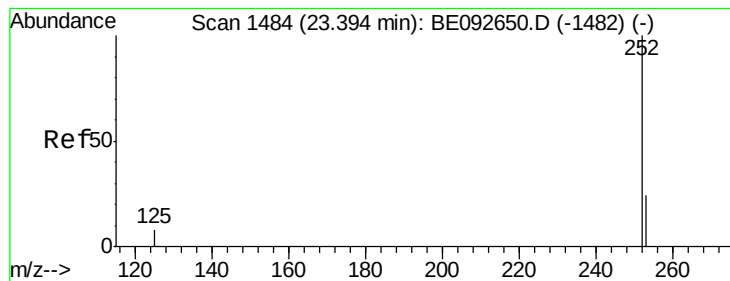
Tgt Ion: 264 Resp: 63602
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.7 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 3.90 ng
 RT: 23.34 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092659.D
 Acq: 19 Jan 2017 16:14

Tgt Ion: 252 Resp: 59980
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.7 28.1
 125 10.7 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 1.52 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

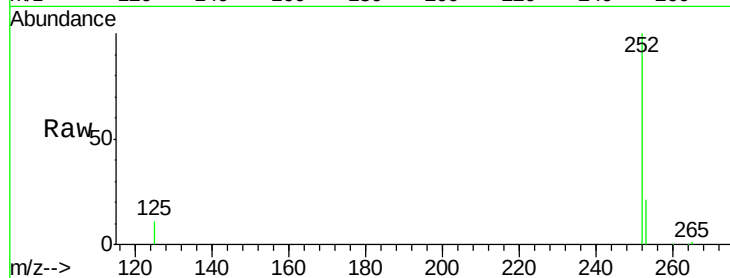
Tgt Ion: 252 Resp: 23425

Ion Ratio Lower Upper

252 100

253 21.3 20.3 30.5

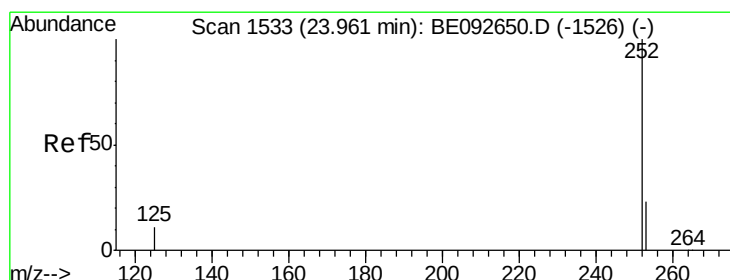
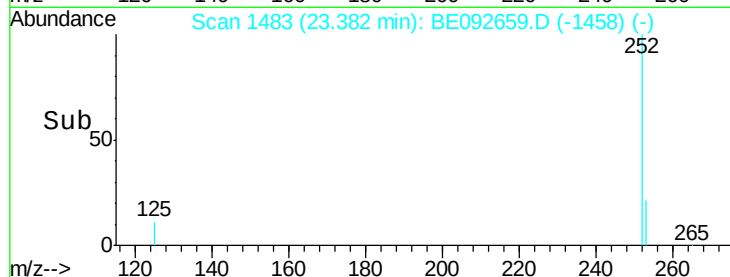
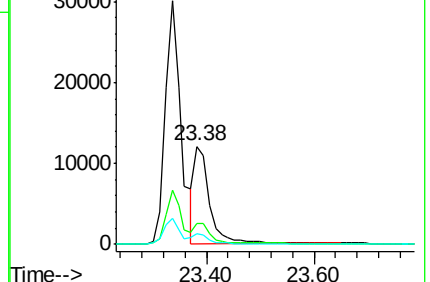
125 11.4 9.6 14.4



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: 0.83 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

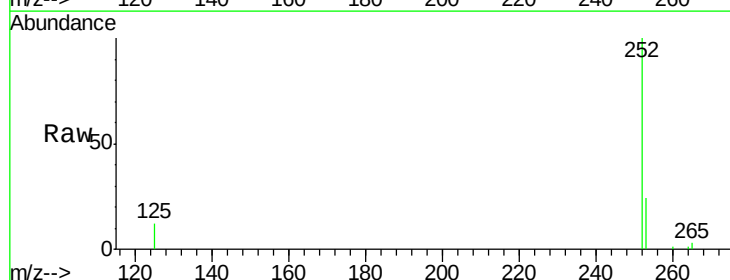
Tgt Ion: 252 Resp: 11961

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.6

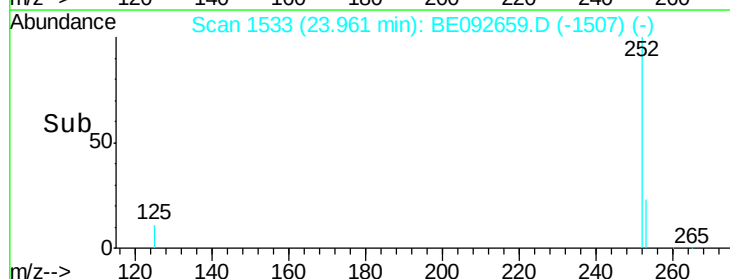
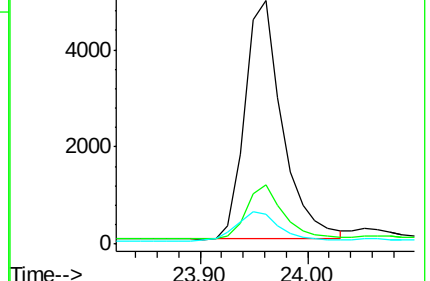
125 12.3 11.8 17.8

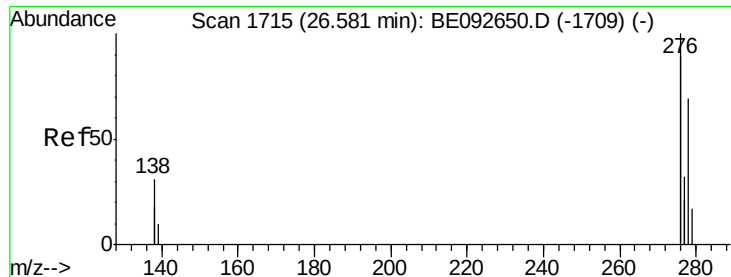


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 26.57 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

Instrument :

BNA_E

ClientSampleId :

0048

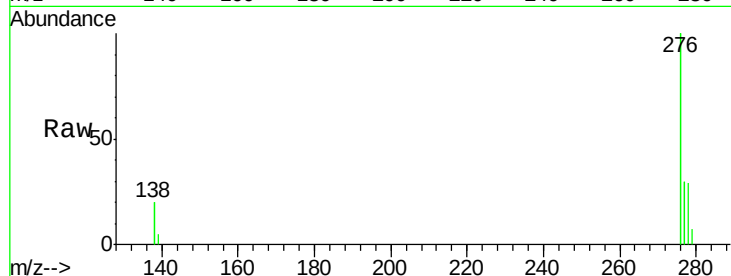
Tgt Ion: 278 Resp: 13916

Ion Ratio Lower Upper

278 100

139 16.7 13.8 20.8

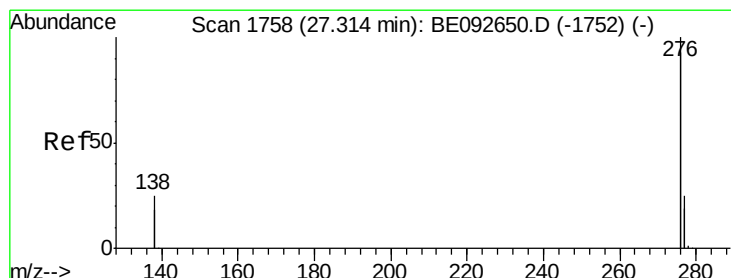
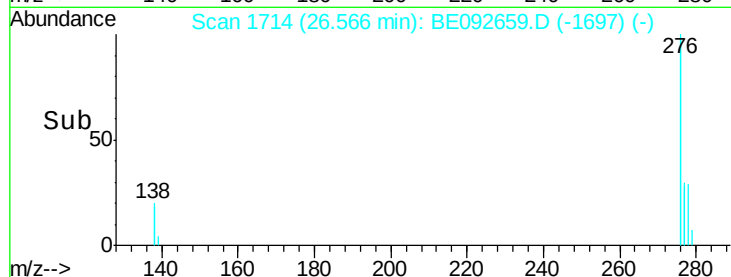
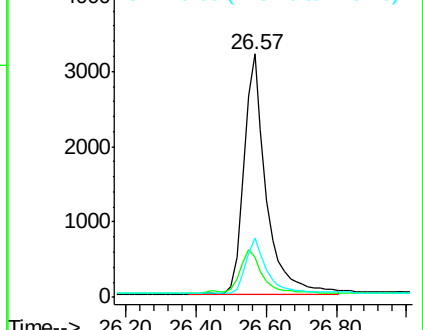
279 24.4 21.4 32.2



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: 1.75 ng

RT: 27.30 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092659.D

Acq: 19 Jan 2017 16:14

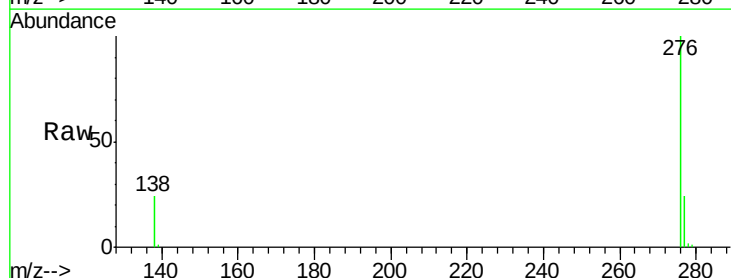
Tgt Ion: 276 Resp: 104736

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 23.7 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

