

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
 Data File : BE092658.D
 Acq On : 19 Jan 2017 13:44
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 20 01:28:31 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	11341	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	52745	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	33411	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	72420	5.00	ng	0.00
24) Chrysene-d12	21.72	240	81956	5.00	ng	0.00
31) Perylene-d12	24.06	264	86885	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	860	0.34	ng	0.02
5) Phenol-d6	7.34	99	1045	0.34	ng	0.00
8) Nitrobenzene-d5	9.34	82	1186	0.35	ng	0.00
13) 2,4,6-Tribromophenol	16.30	330	318	0.45	ng	0.00
14) 2-Fluorobiphenyl	13.42	172	3372	0.41	ng	0.00
26) Terphenyl-d14	20.16	244	4340	0.37	ng	0.00

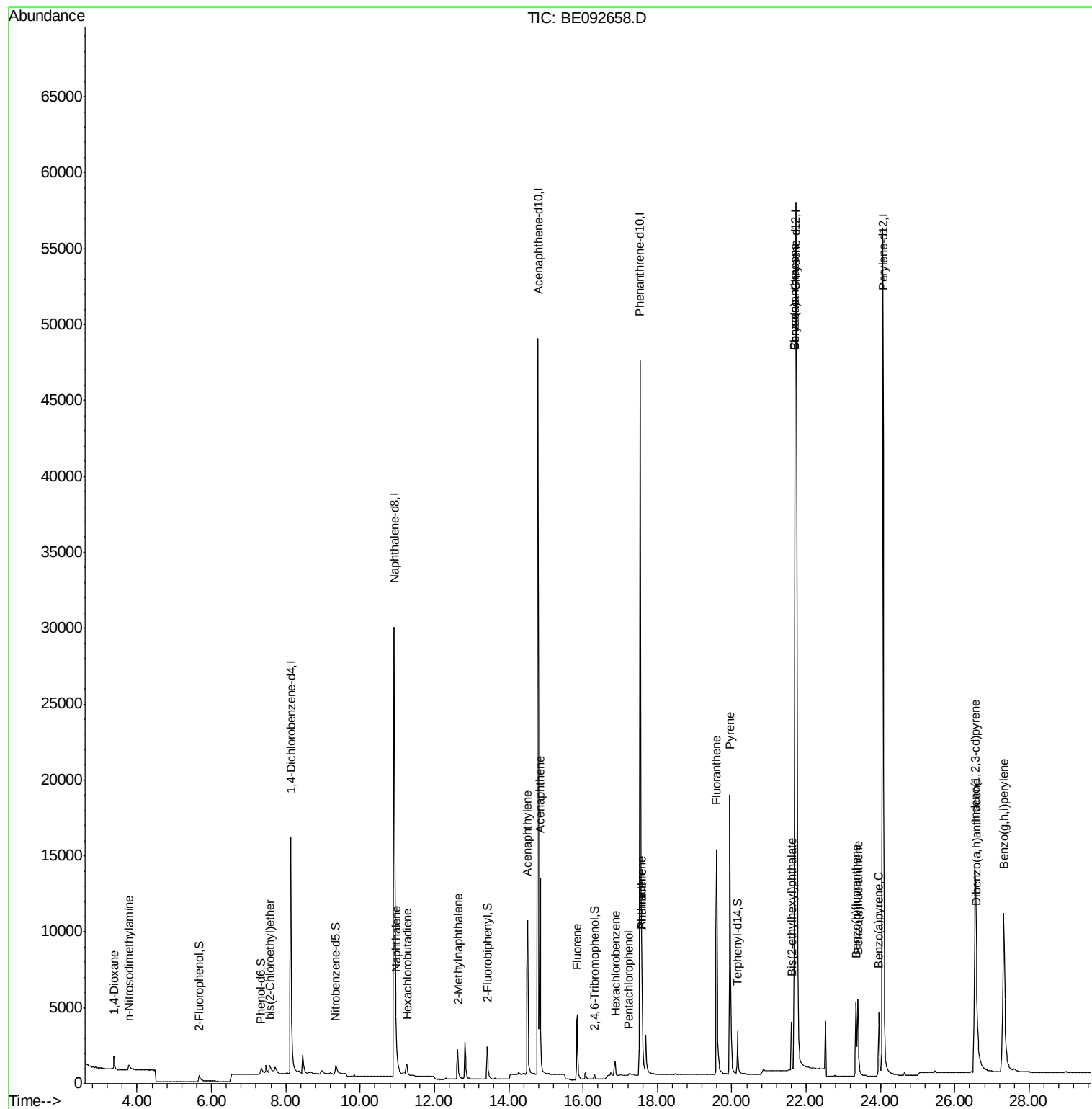
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	773	0.44	ng	95
3) n-Nitrosodimethylamine	3.77	42	662	0.32	ng	# 94
6) bis(2-Chloroethyl)ether	7.57	93	1133	0.34	ng	# 72
9) Naphthalene	10.97	128	4371	0.40	ng	99
10) Hexachlorobutadiene	11.26	225	666	0.41	ng	99
11) 2-Methylnaphthalene	12.62	142	2614	0.38	ng	94
15) Acenaphthylene	14.51	152	18210	0.40	ng	100
16) Acenaphthene	14.85	154	3071	0.42	ng	96
17) Fluorene	15.84	166	3627	0.39	ng	99
19) Hexachlorobenzene	16.87	284	2540	1.00	ng	# 56
20) Pentachlorophenol	17.23	266	213	0.29	ng	92
21) Phenanthrene	17.58	178	6822	0.43	ng	# 95
22) Anthracene	17.58	178	6819	0.46	ng	98
23) Fluoranthene	19.59	202	28439	0.40	ng	99
25) Pyrene	19.95	202	29659	0.37	ng	100
27) Benzo(a)anthracene	21.70	228	29974	0.37	ng	# 82
28) Chrysene	21.70	228	29974	0.33	ng	# 64
29) Bis(2-ethylhexyl)phthalate	21.61	149	3741	0.43	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.55	276	35744	0.36	ng	97
32) Benzo(b)fluoranthene	23.35	252	8136	0.39	ng	97
33) Benzo(k)fluoranthene	23.39	252	8325	0.39	ng	97
34) Benzo(a)pyrene	23.96	252	7469	0.38	ng	98
35) Dibenzo(a,h)anthracene	26.58	278	7255	0.38	ng	99
36) Benzo(g,h,i)perylene	27.31	276	31176	0.38	ng	99

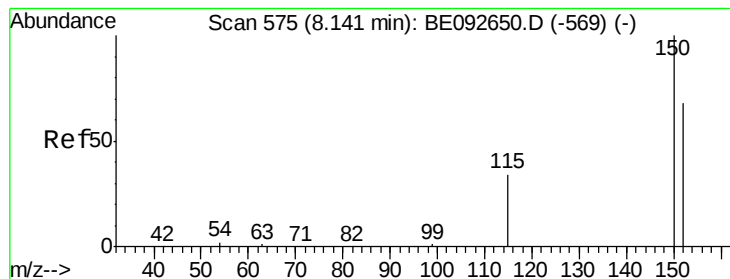
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

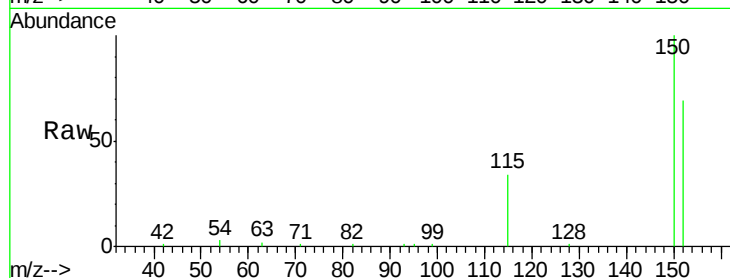
Tgt Ion:152 Resp: 11341

Ion Ratio Lower Upper

152 100

150 144.9 106.0 159.0

115 49.4 31.2 46.8#

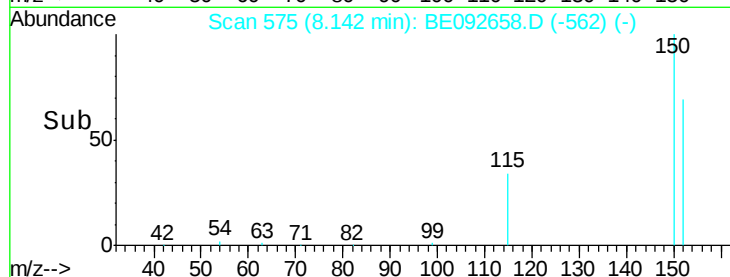


Abundance Ion 152.00 (151.70 to 152.70): E

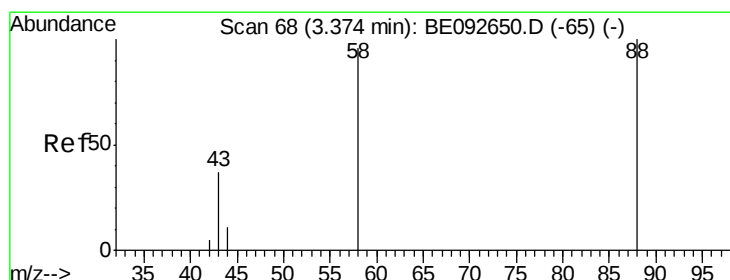
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.14



Time-->



#2

1,4-Dioxane

Concen: 0.44 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

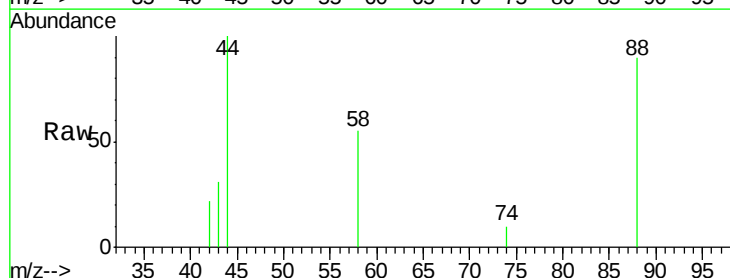
Tgt Ion: 88 Resp: 773

Ion Ratio Lower Upper

88 100

58 73.6 63.6 95.4

43 35.6 28.0 42.0

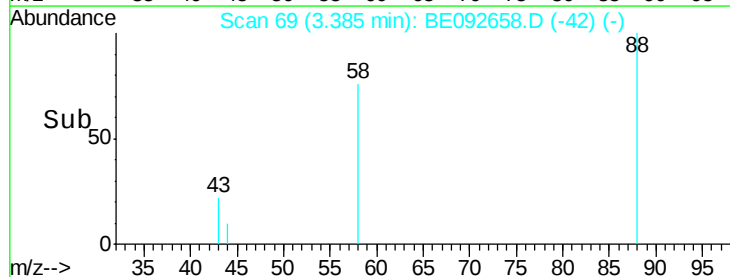


Abundance Ion 88.00 (87.70 to 88.70): BE0

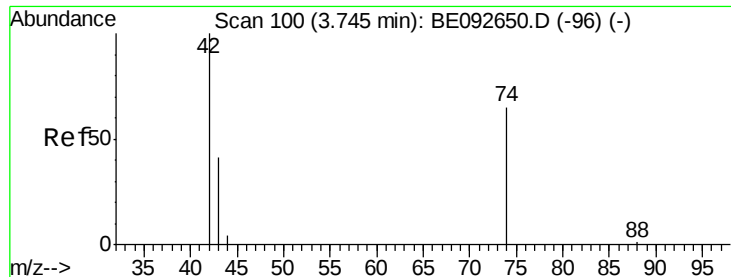
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.39



Time-->



#3

n-Nitrosodimethylamine

Concen: 0.32 ng

RT: 3.77 min Scan# 102

Delta R.T. 0.02 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

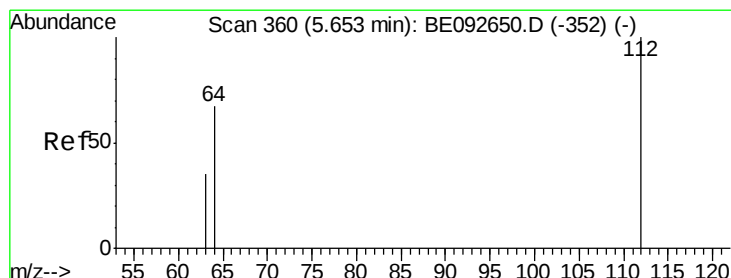
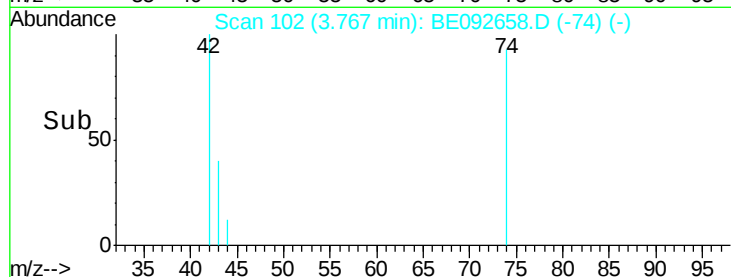
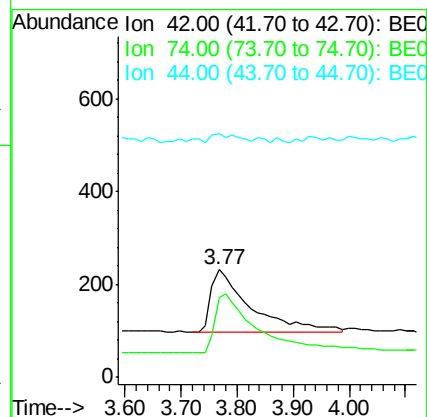
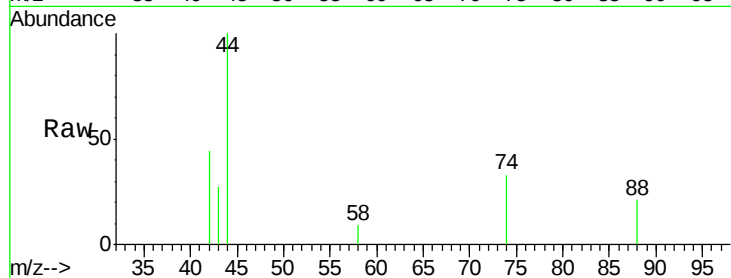
Tgt Ion: 42 Resp: 662

Ion Ratio Lower Upper

42 100

74 102.1 86.0 129.0

44 14.0 5.1 7.7#



#4

2-Fluorophenol

Concen: 0.34 ng

RT: 5.67 min Scan# 363

Delta R.T. 0.02 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

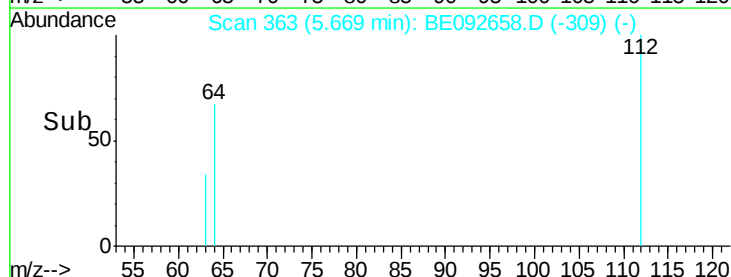
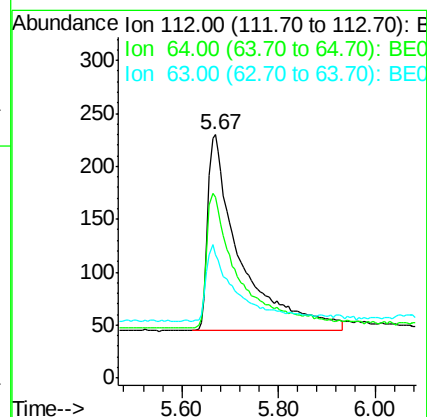
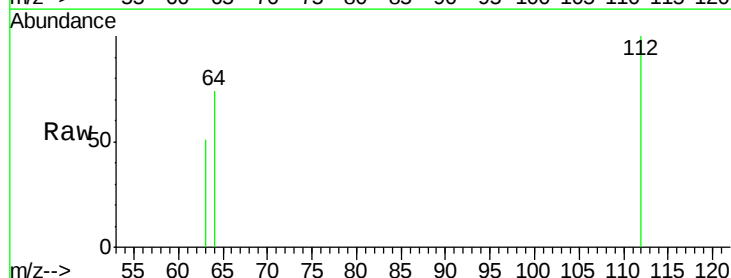
Tgt Ion: 112 Resp: 860

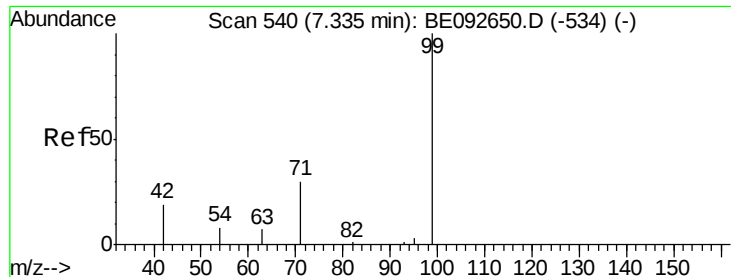
Ion Ratio Lower Upper

112 100

64 65.9 53.5 80.3

63 32.1 27.9 41.9





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

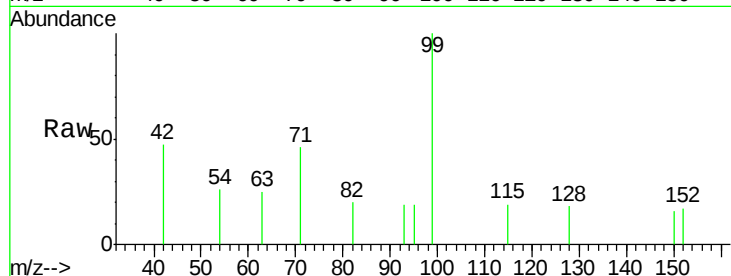
Tgt Ion: 99 Resp: 1045

Ion Ratio Lower Upper

99 100

42 30.0 16.0 24.0#

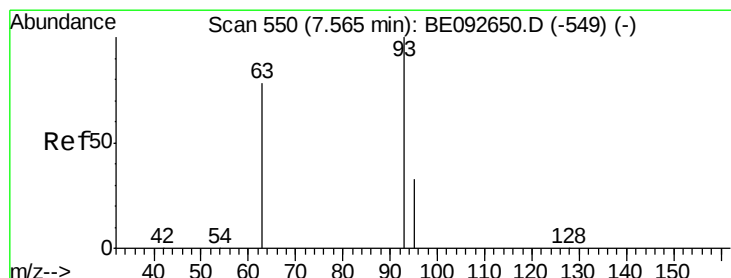
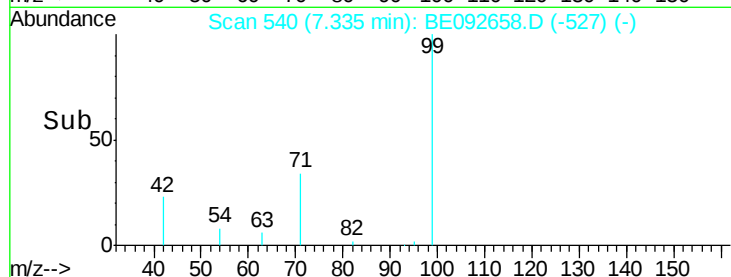
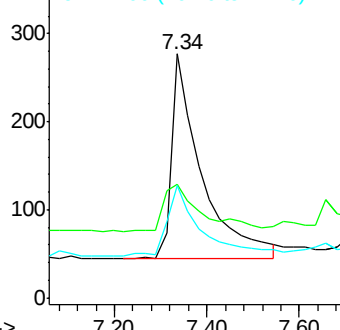
71 36.3 30.6 45.8



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: 0.34 ng

RT: 7.57 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

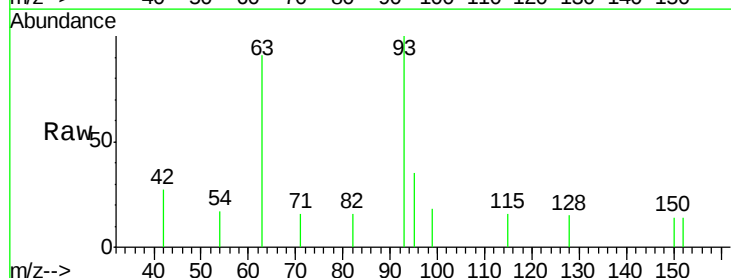
Tgt Ion: 93 Resp: 1133

Ion Ratio Lower Upper

93 100

63 71.8 71.6 107.4

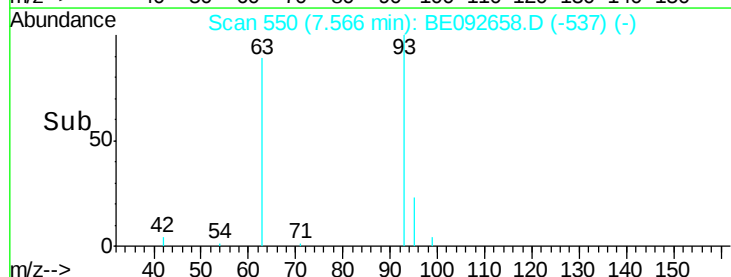
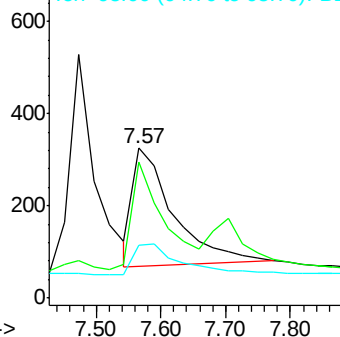
95 0.0 24.0 36.0#

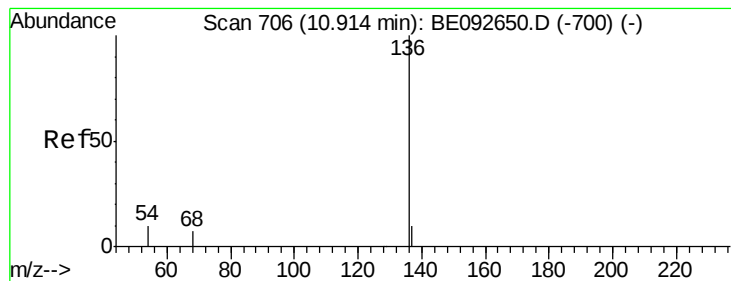


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 52745

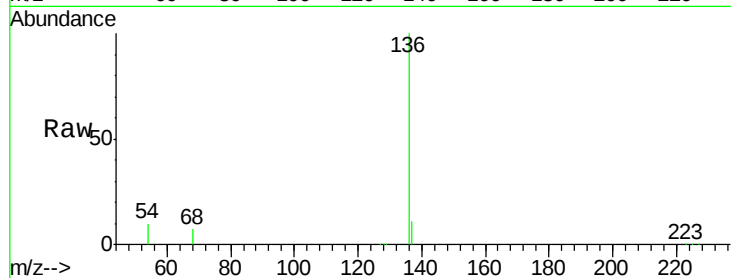
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 10.4 9.6 14.4

68 7.1 6.7 10.1

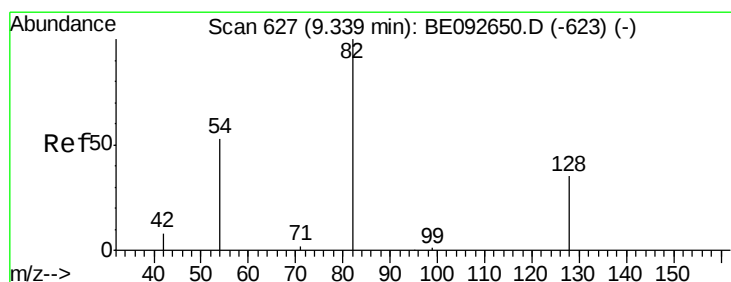
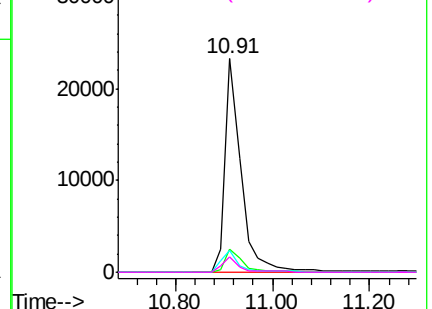
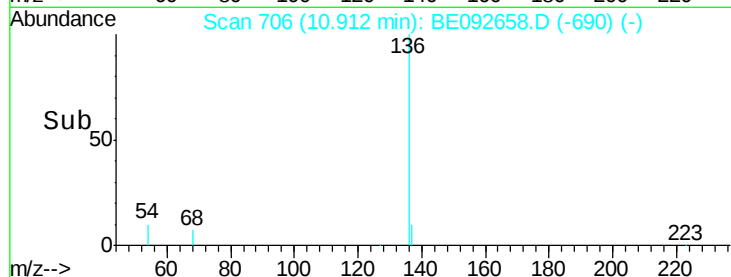


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.35 ng

RT: 9.34 min Scan# 627

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

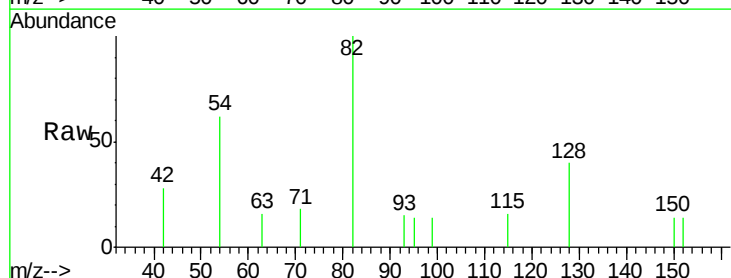
Tgt Ion: 82 Resp: 1186

Ion Ratio Lower Upper

82 100

128 39.7 39.0 58.4

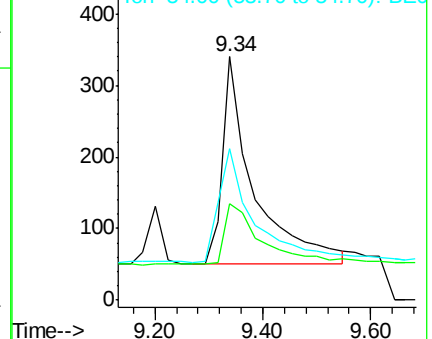
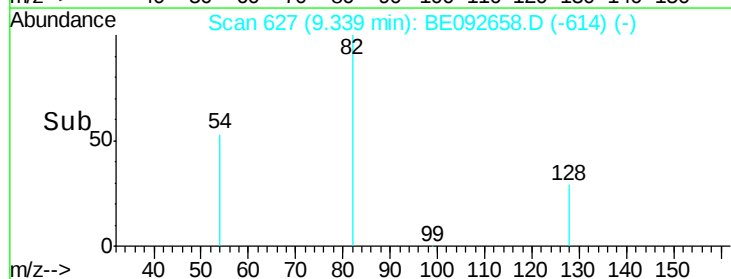
54 62.4 44.8 67.2

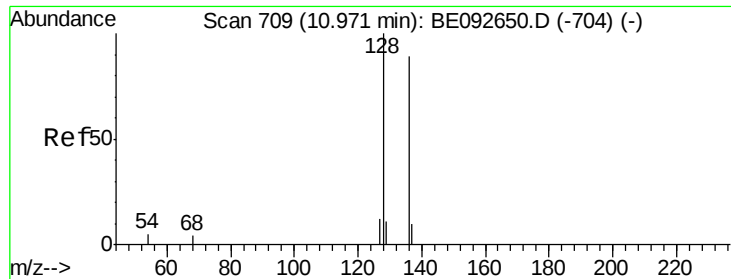


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

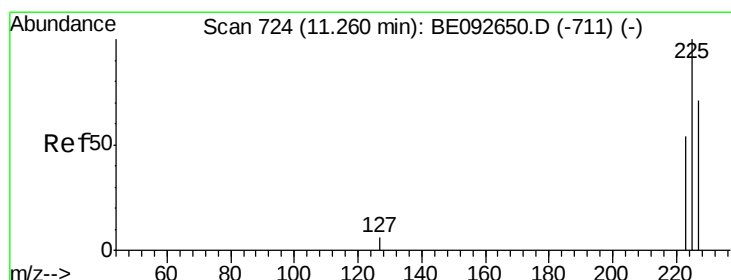
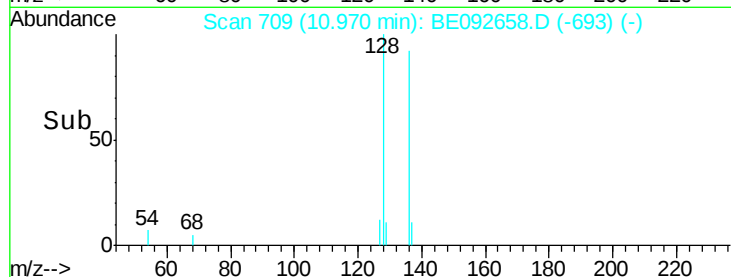
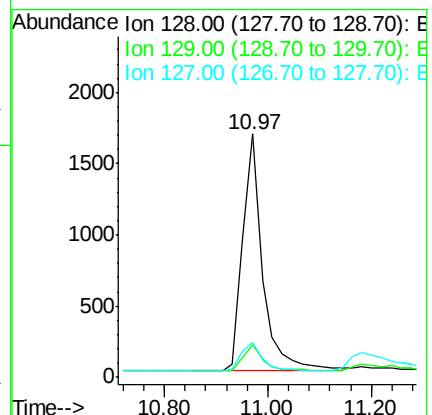
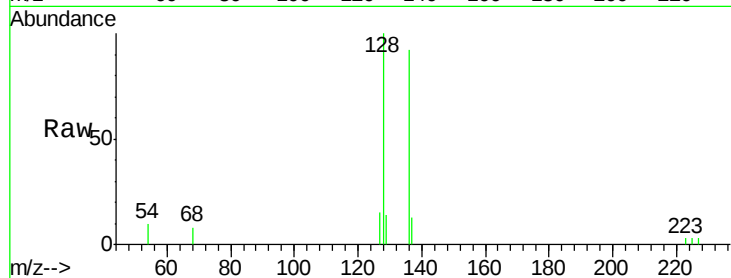
Tgt Ion:128 Resp: 4371

Ion Ratio Lower Upper

128 100

129 13.5 11.2 16.8

127 14.6 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

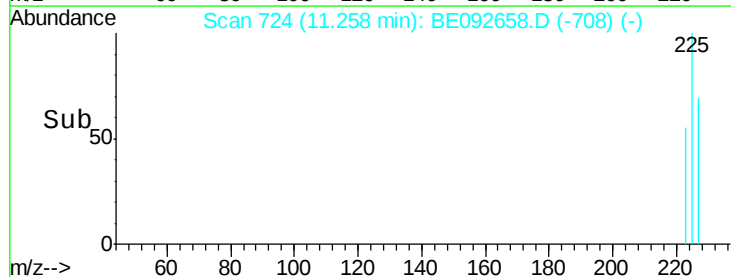
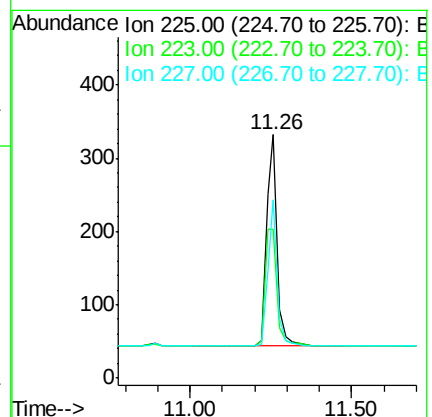
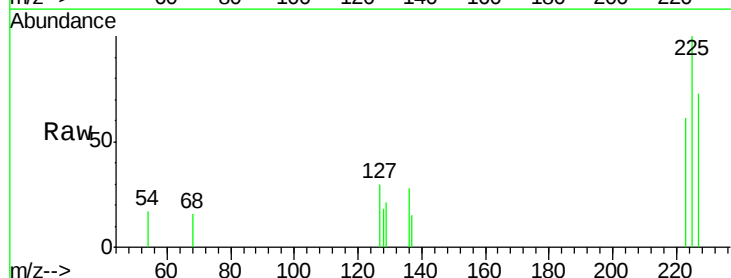
Tgt Ion:225 Resp: 666

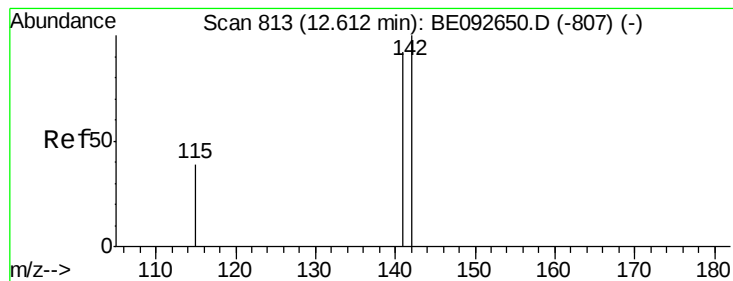
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 62.5 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.62 min Scan# 814

Delta R.T. 0.01 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

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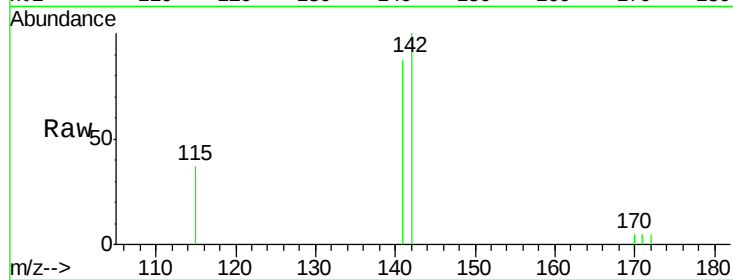
Tgt Ion:142 Resp: 2614

Ion Ratio Lower Upper

142 100

141 86.9 73.7 110.5

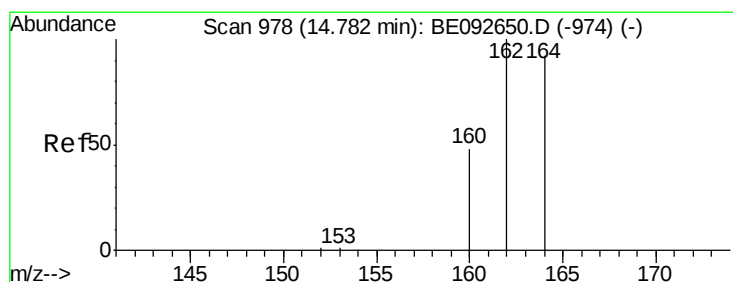
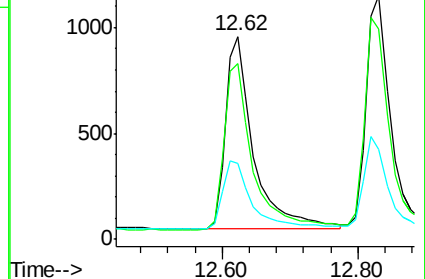
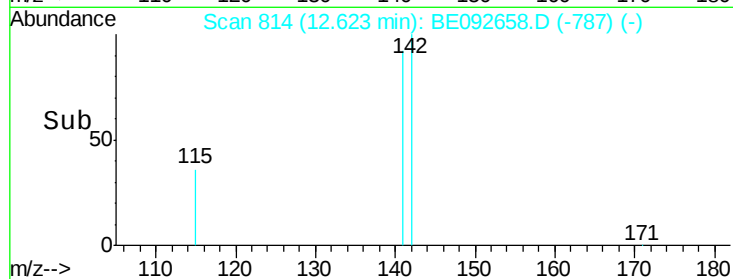
115 37.4 34.0 51.0



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: BE092658.D

Acq: 19 Jan 2017 13:44

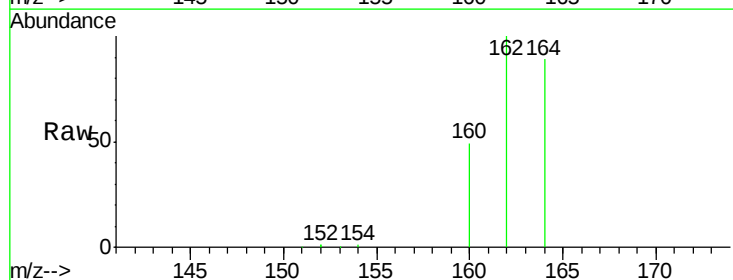
Tgt Ion:164 Resp: 33411

Ion Ratio Lower Upper

164 100

162 112.0 71.4 107.0#

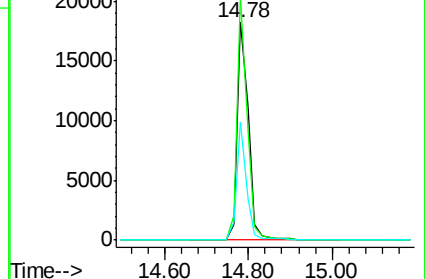
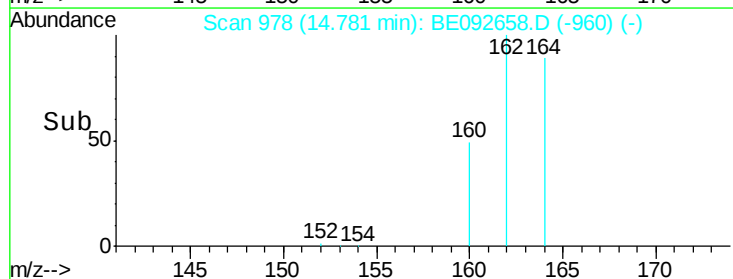
160 54.6 27.4 41.2#

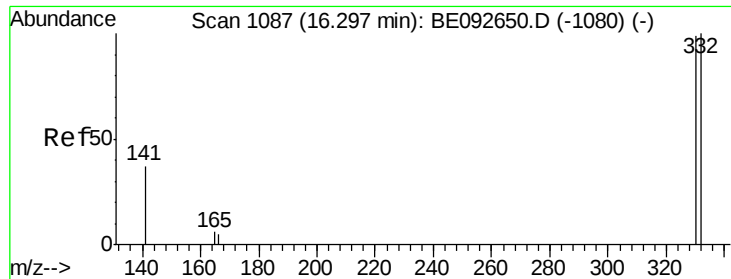


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

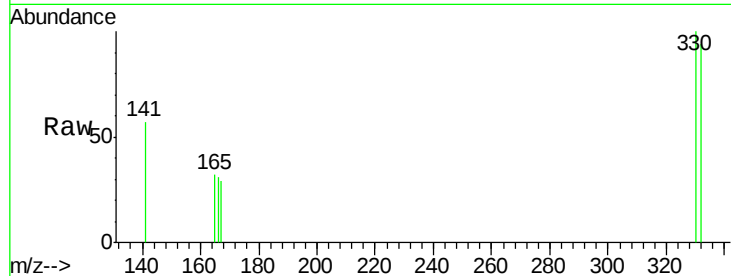




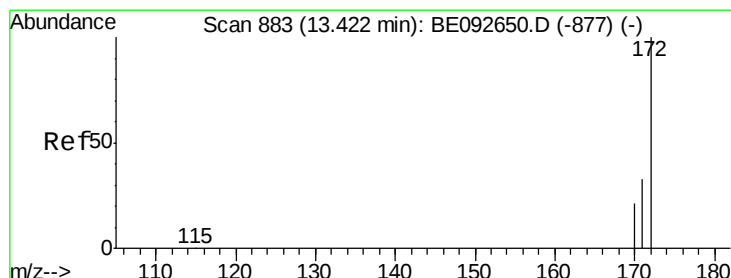
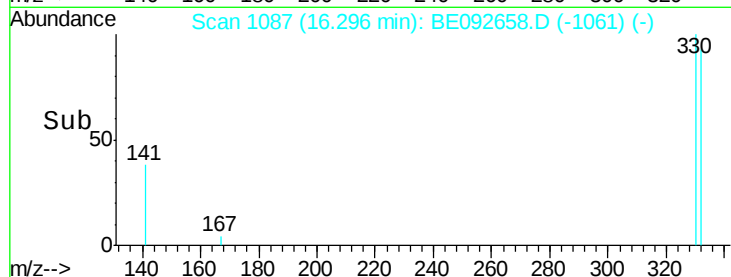
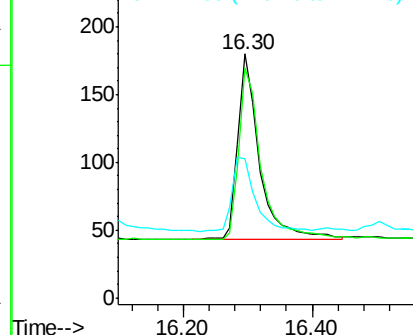
#13
 2,4,6-Tribromophenol
 Concen: 0.45 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092658.D
 Acq: 19 Jan 2017 13:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 330 Resp: 318
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 43.4 31.0 46.6

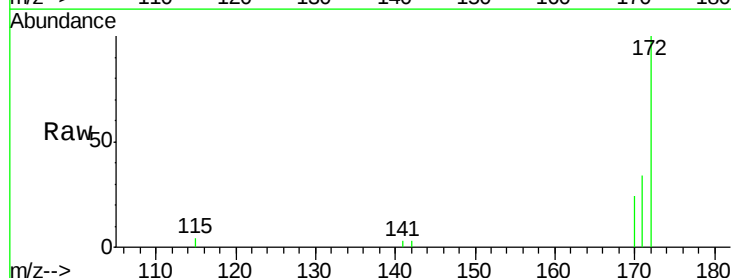


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

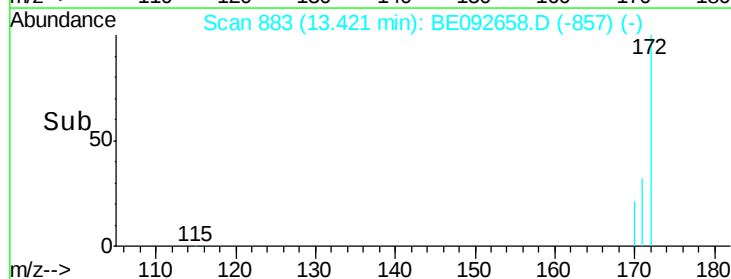
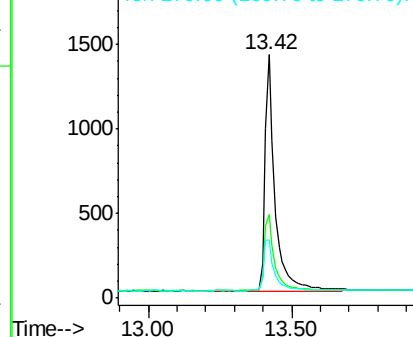


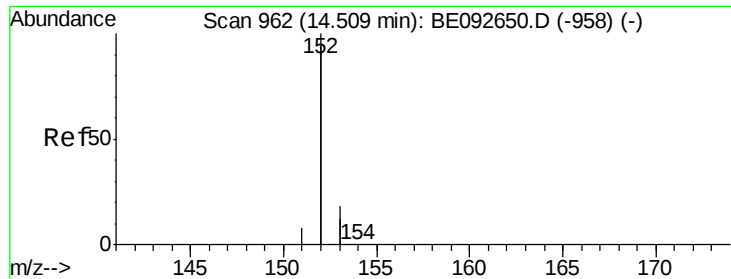
#14
 2-Fluorobiphenyl
 Concen: 0.41 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BE092658.D
 Acq: 19 Jan 2017 13:44

Tgt Ion: 172 Resp: 3372
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.1 45.1
 170 23.8 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.51 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

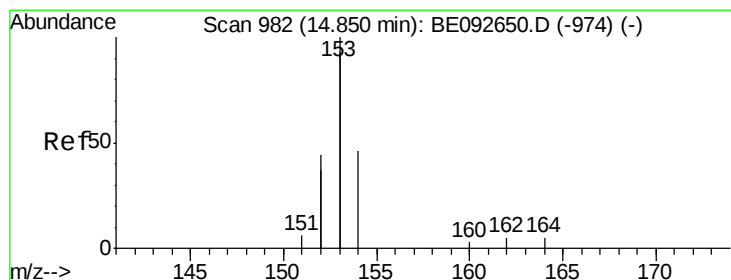
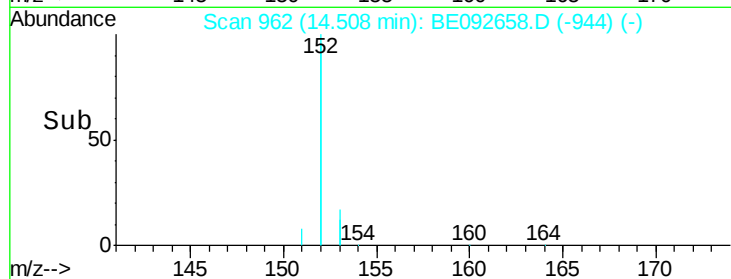
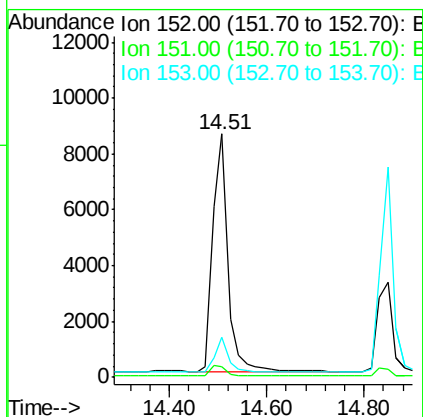
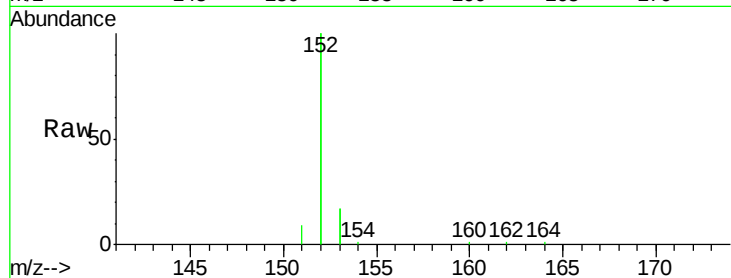
Tgt Ion:152 Resp: 18210

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.42 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

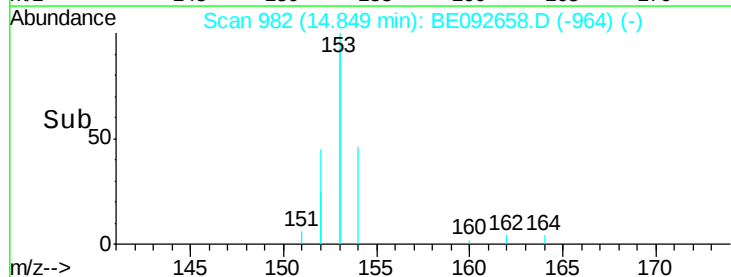
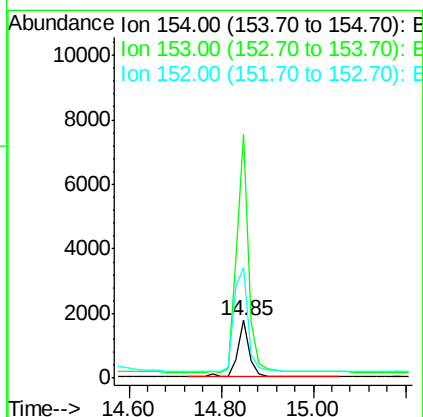
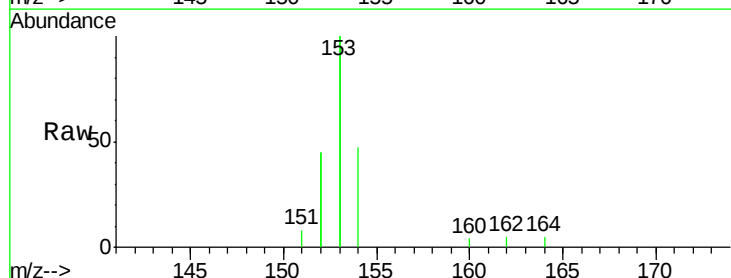
Tgt Ion:154 Resp: 3071

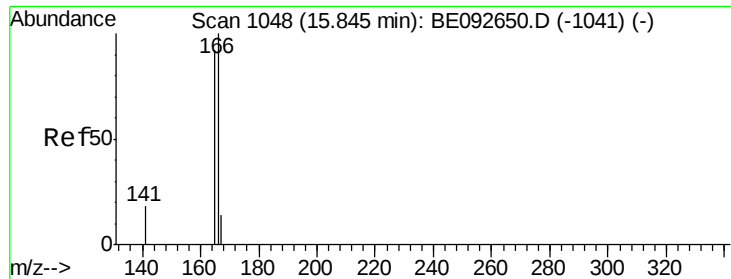
Ion Ratio Lower Upper

154 100

153 434.3 350.8 526.2

152 227.8 171.1 256.7

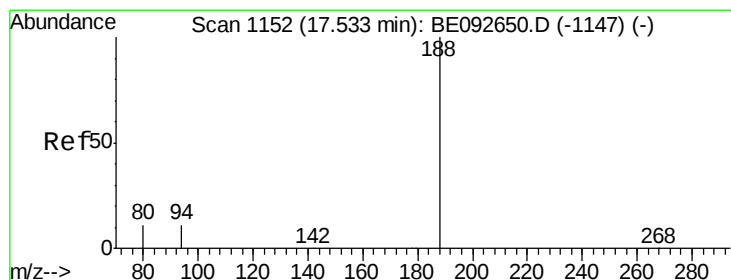
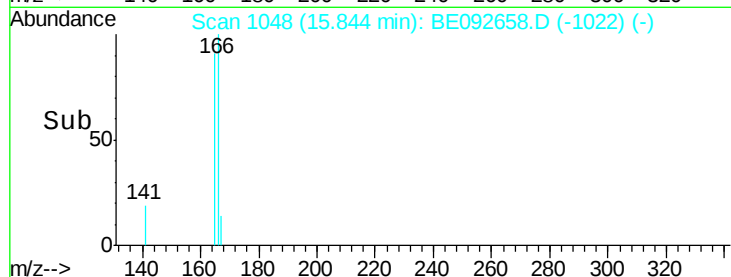
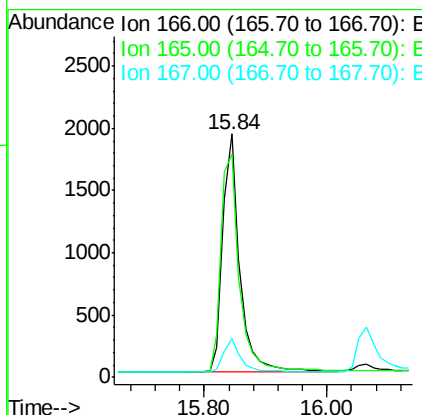
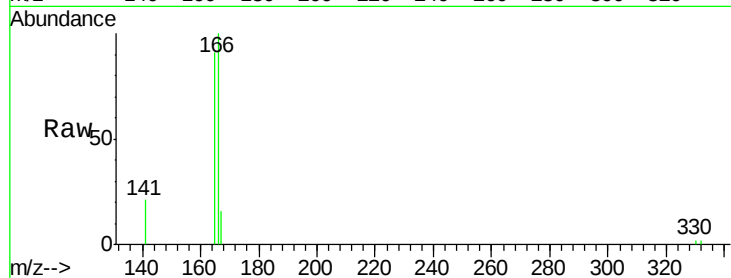




#17
Fluorene
 Concen: 0.39 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BE092658.D
 Acq: 19 Jan 2017 13:44

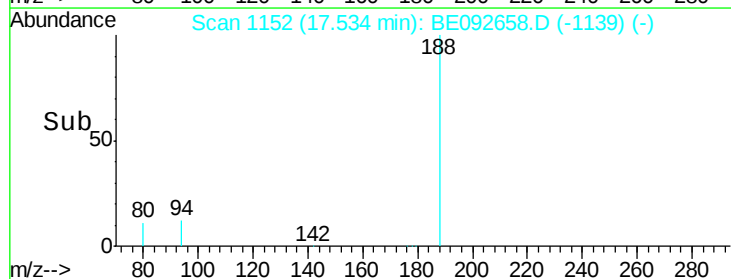
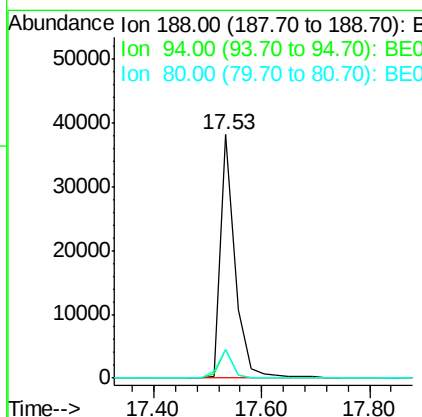
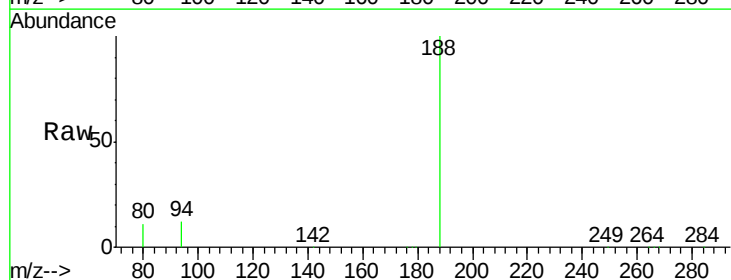
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

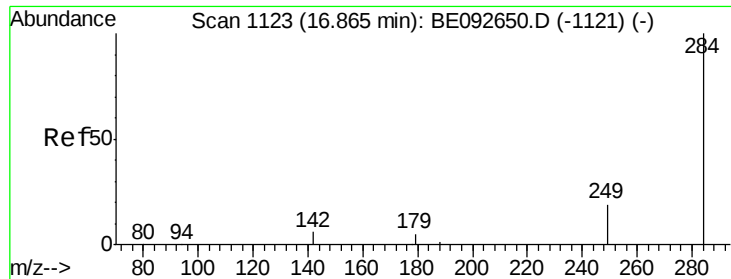
Tgt Ion:166 Resp: 3627
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BE092658.D
 Acq: 19 Jan 2017 13:44

Tgt Ion:188 Resp: 72420
 Ion Ratio Lower Upper
 188 100
 94 11.7 3.2 4.8#
 80 11.5 2.6 3.8#

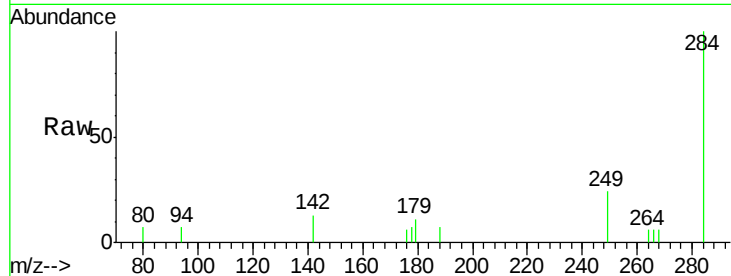




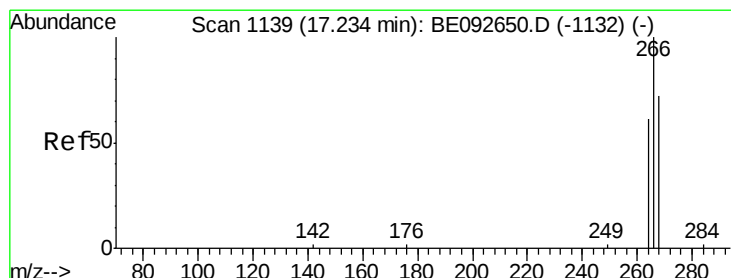
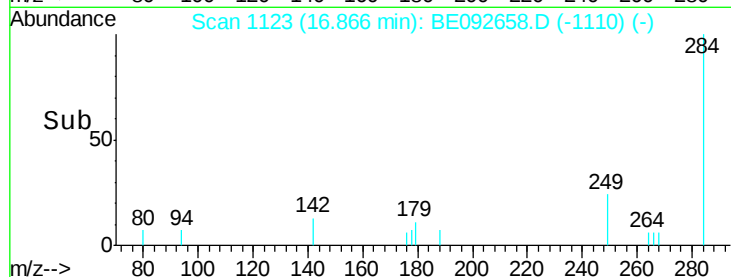
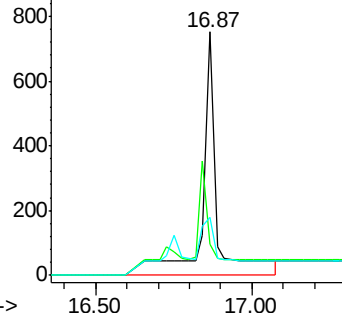
#19
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092658.D
Acq: 19 Jan 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 2540
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 19.8 27.9 41.9#

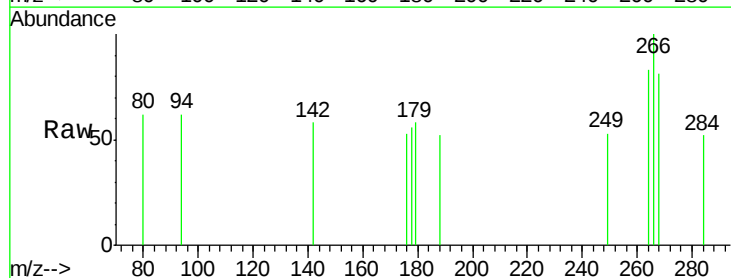


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

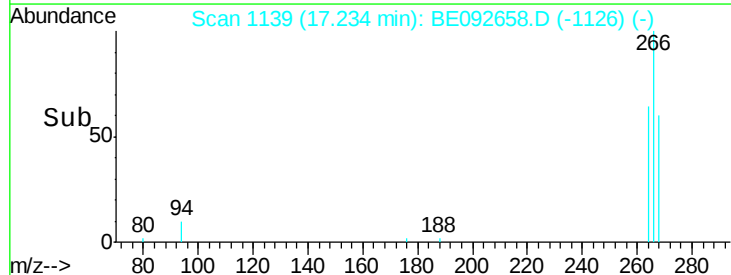
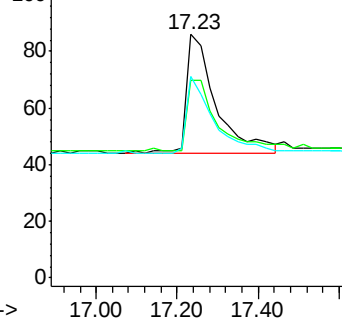


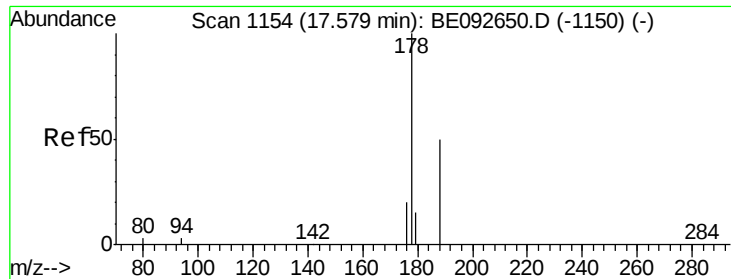
#20
Pentachlorophenol
Concen: 0.29 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092658.D
Acq: 19 Jan 2017 13:44

Tgt Ion: 266 Resp: 213
Ion Ratio Lower Upper
266 100
268 81.4 62.5 93.7
264 82.6 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: 0.43 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

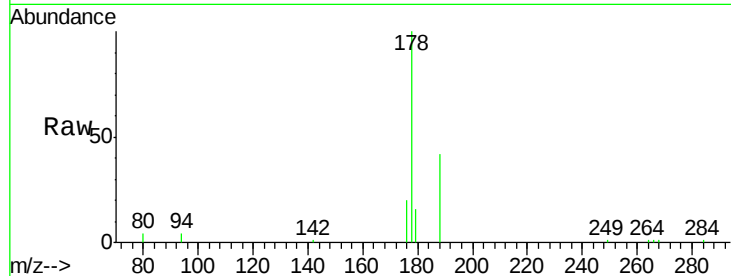
Tgt Ion:178 Resp: 6822

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

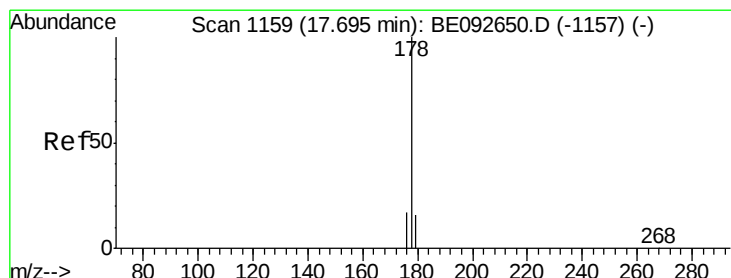
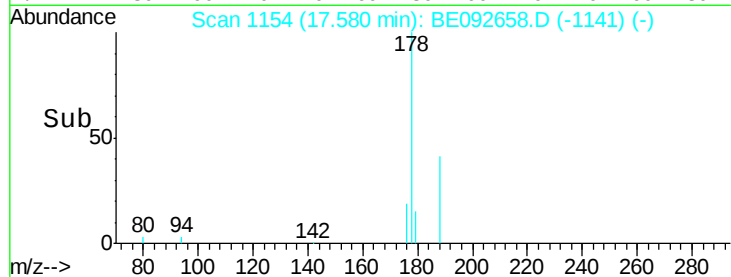
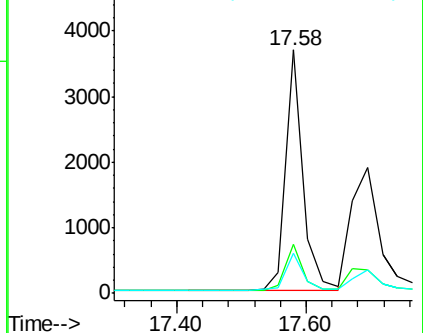
179 16.0 16.0 24.0#



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: 0.46 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.11 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

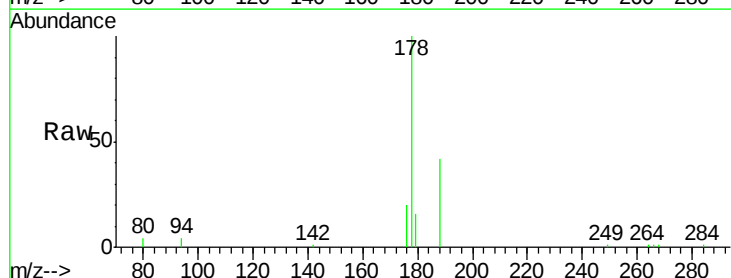
Tgt Ion:178 Resp: 6819

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

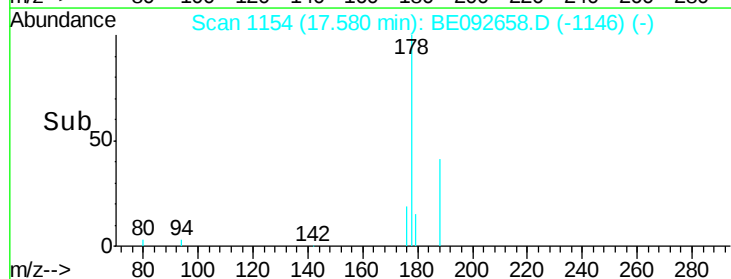
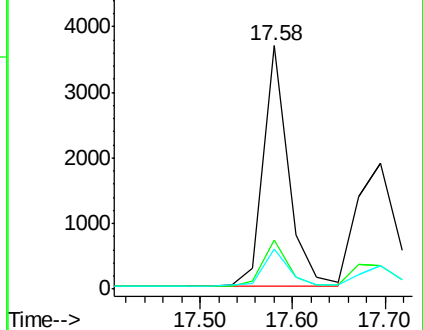
179 16.0 12.2 18.2

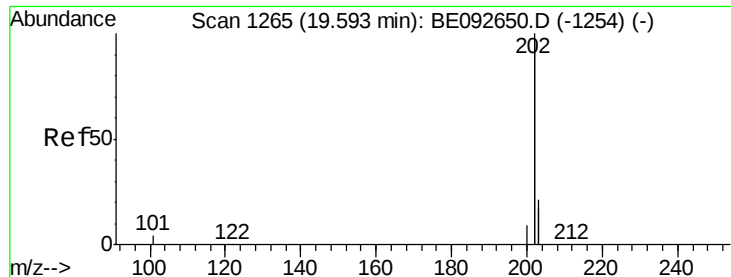


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.40 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

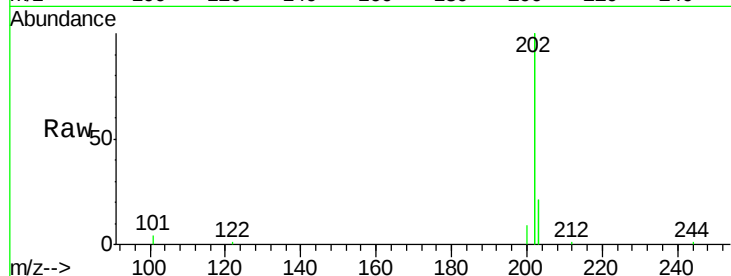
Tgt Ion:202 Resp: 28439

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

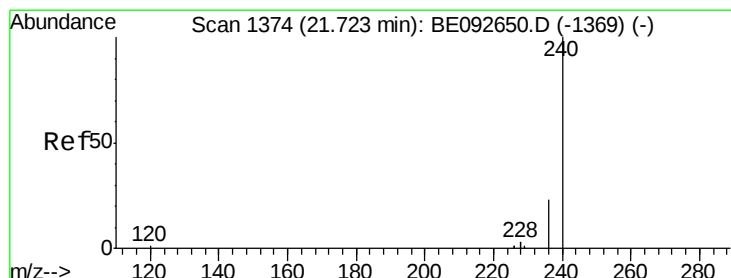
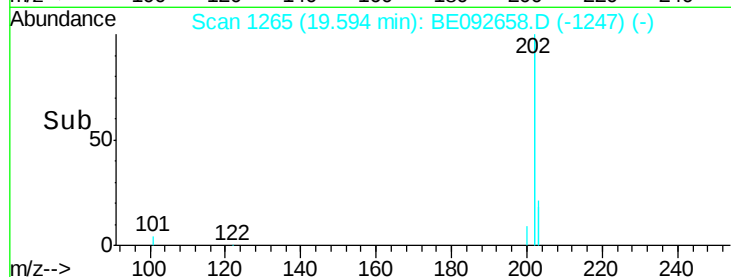
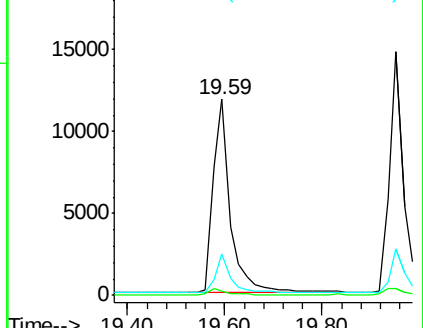
203 17.4 13.7 20.5



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: BE092658.D

Acq: 19 Jan 2017 13:44

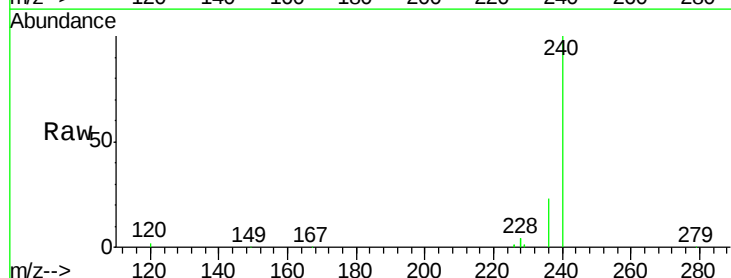
Tgt Ion:240 Resp: 81956

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

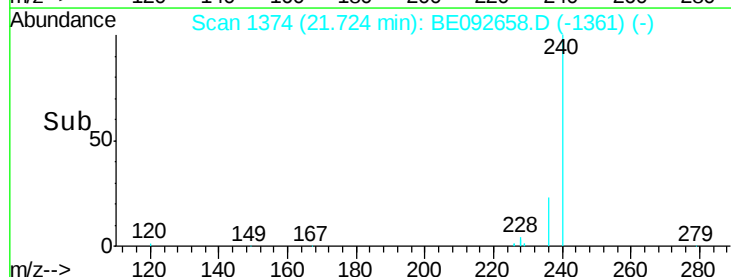
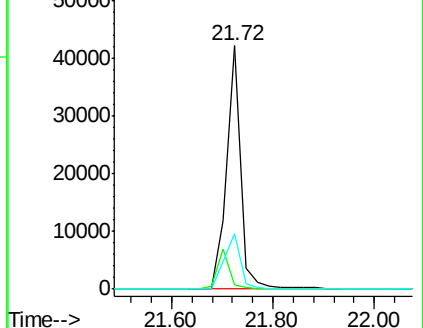
236 22.9 24.6 37.0#

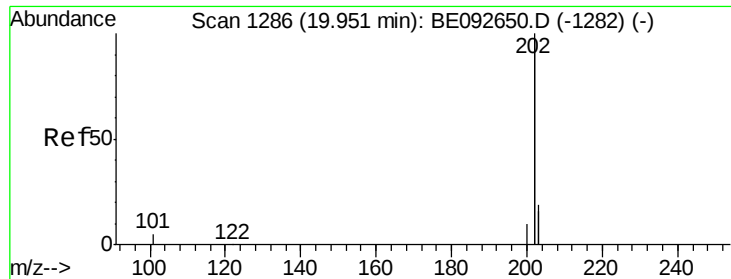


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.37 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

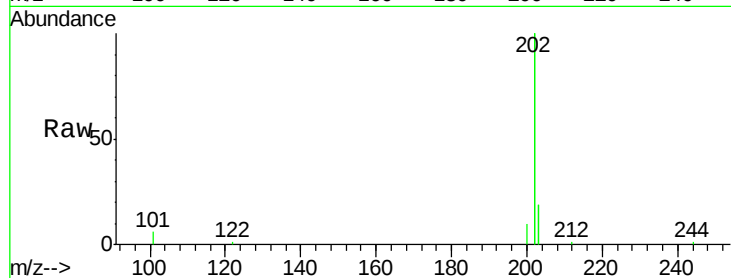
Tgt Ion:202 Resp: 29659

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

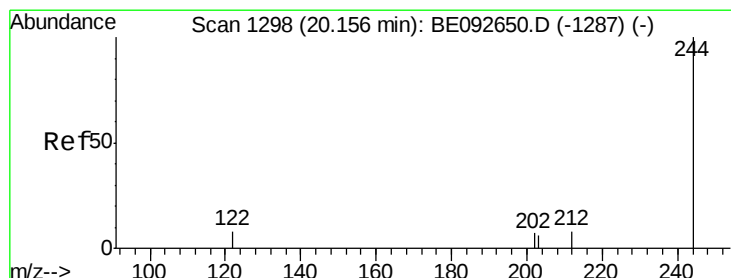
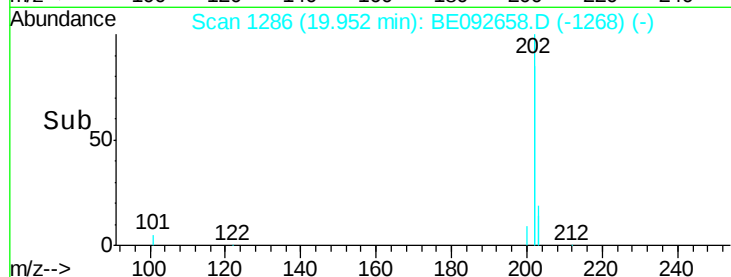
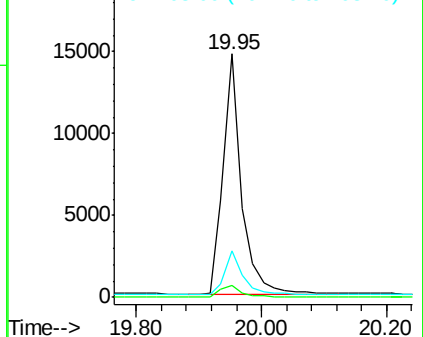
203 17.6 13.9 20.9



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: 0.37 ng

RT: 20.16 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

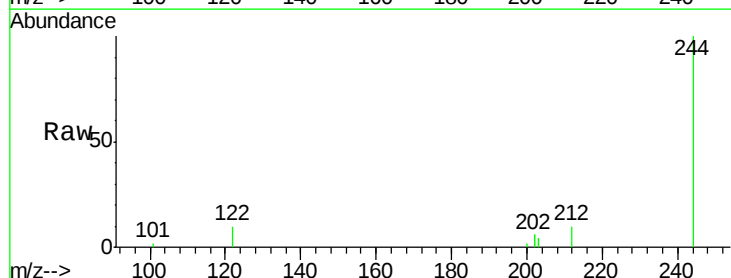
Tgt Ion:244 Resp: 4340

Ion Ratio Lower Upper

244 100

212 10.4 6.7 10.1#

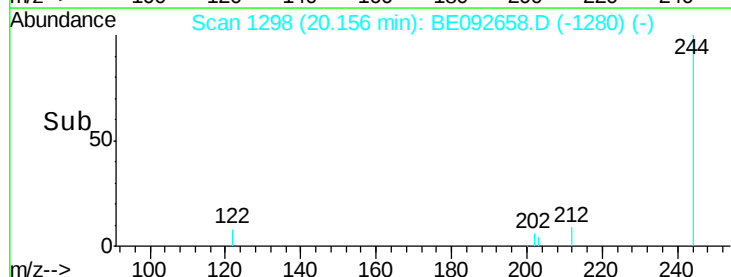
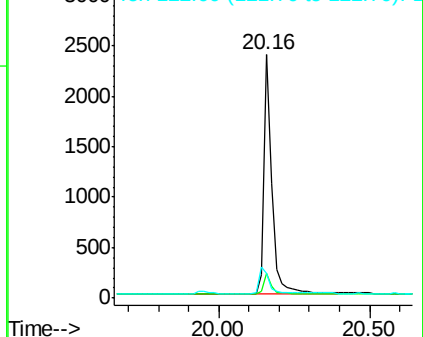
122 10.3 3.6 5.4#

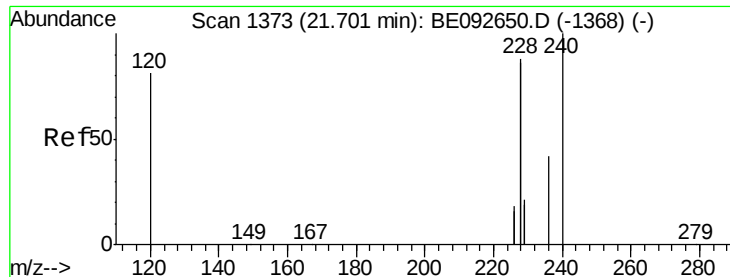


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

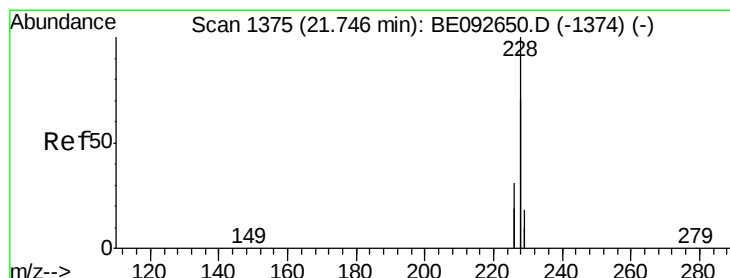
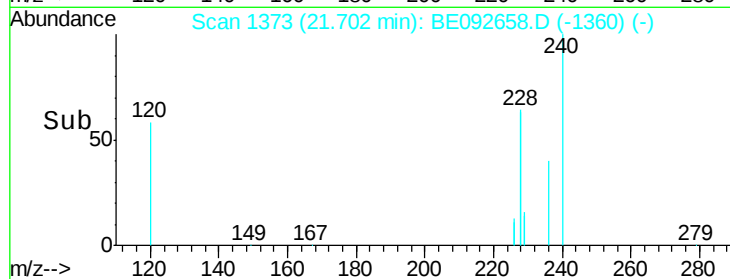
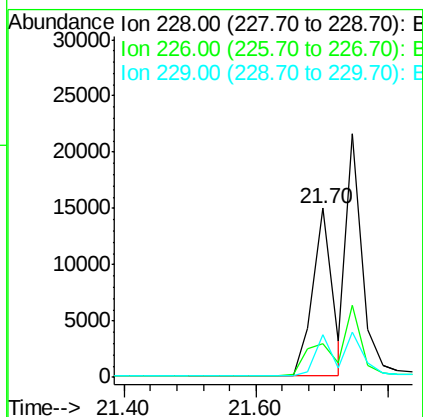
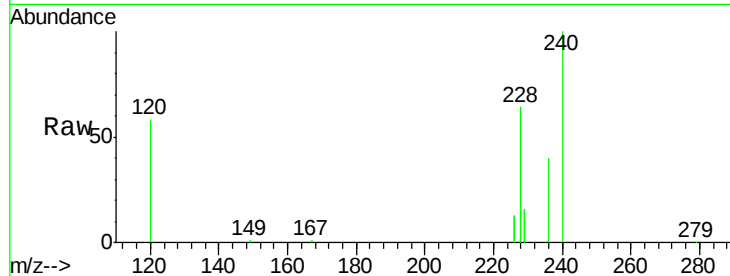




#27
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092658.D
Acq: 19 Jan 2017 13:44

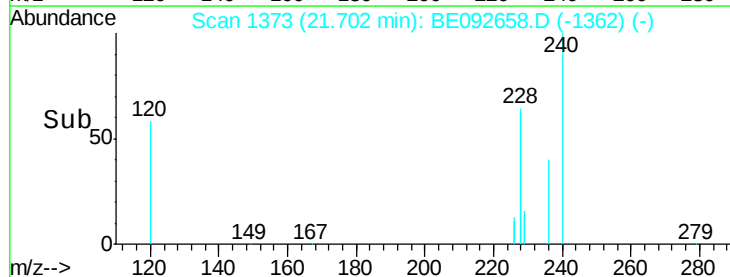
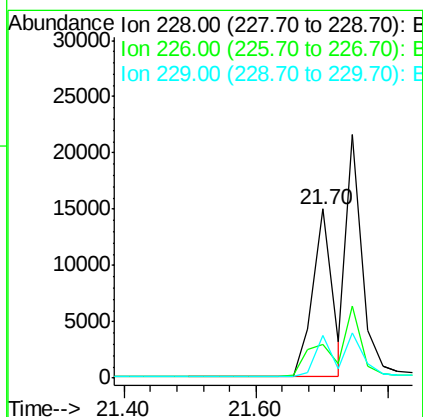
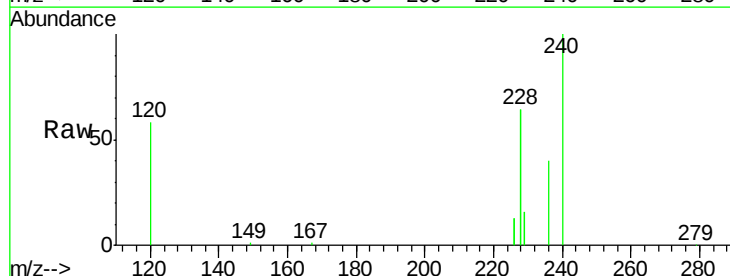
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

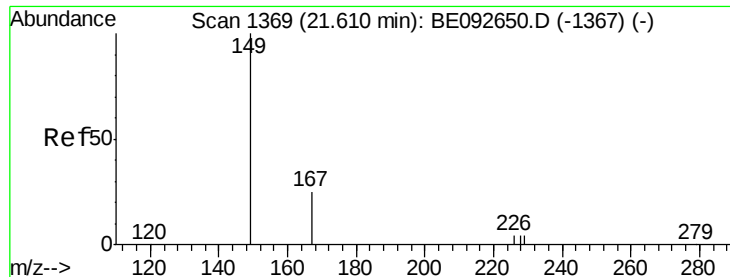
Tgt Ion:228 Resp: 29974
Ion Ratio Lower Upper
228 100
226 20.0 23.6 35.4#
229 24.8 13.3 19.9#



#28
Chrysene
Concen: 0.33 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BE092658.D
Acq: 19 Jan 2017 13:44

Tgt Ion:228 Resp: 29974
Ion Ratio Lower Upper
228 100
226 20.0 36.3 54.5#
229 24.8 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.43 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

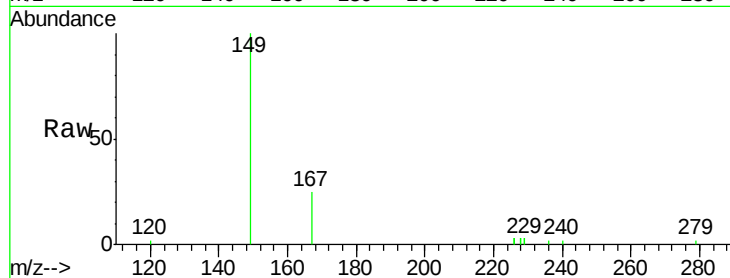
Tgt Ion:149 Resp: 3741

Ion Ratio Lower Upper

149 100

167 24.0 16.0 24.0#

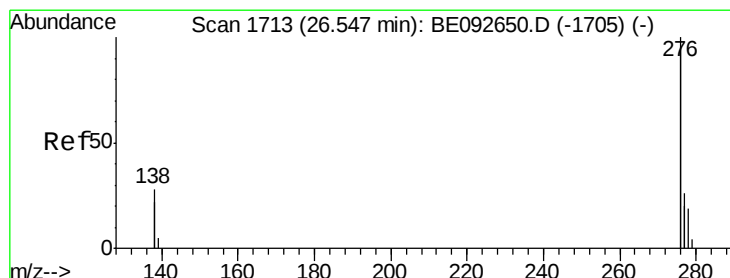
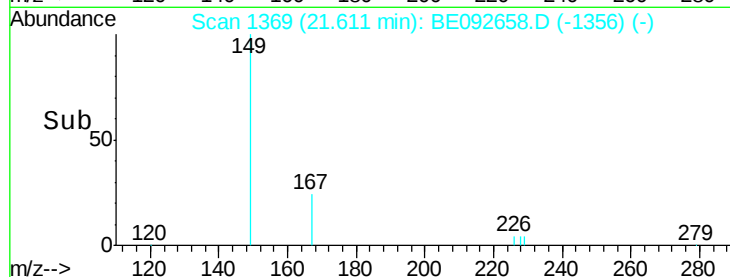
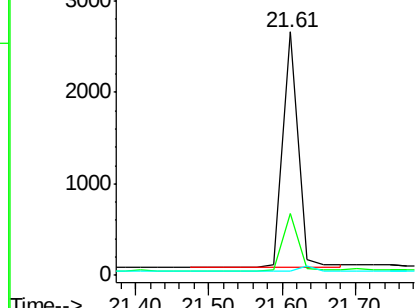
279 0.0 16.0 24.0#



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: 0.36 ng

RT: 26.55 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

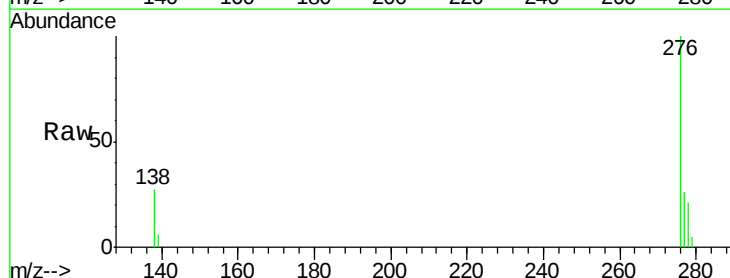
Tgt Ion:276 Resp: 35744

Ion Ratio Lower Upper

276 100

138 28.0 20.3 30.5

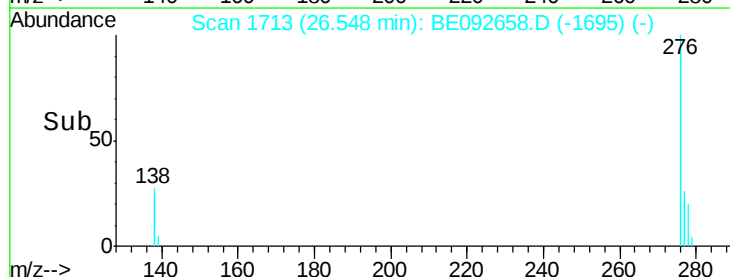
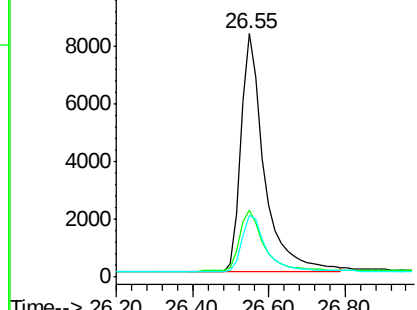
277 24.7 19.7 29.5

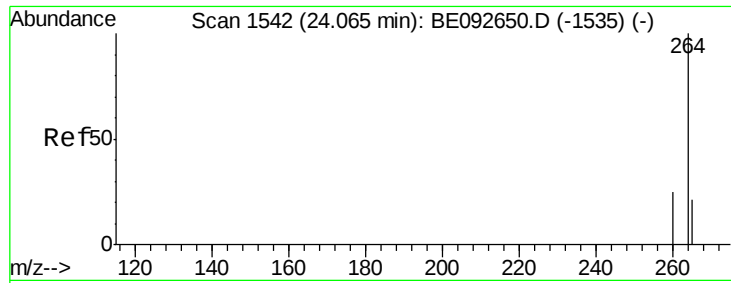


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

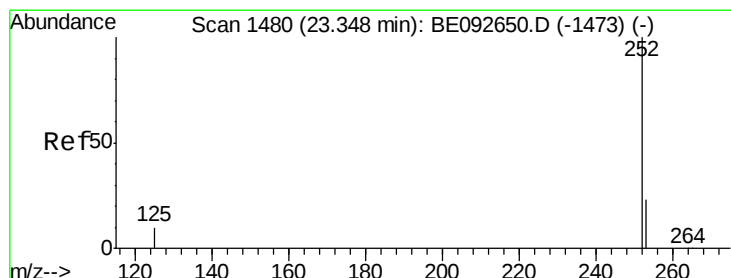
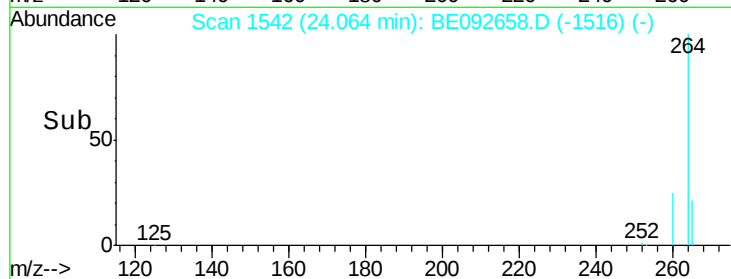
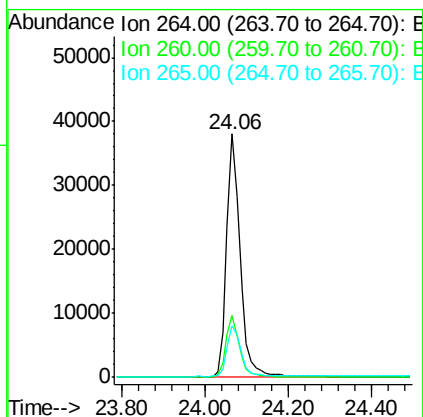
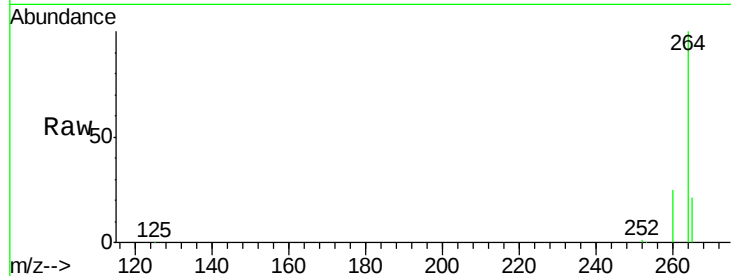




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092658.D
 Acq: 19 Jan 2017 13:44

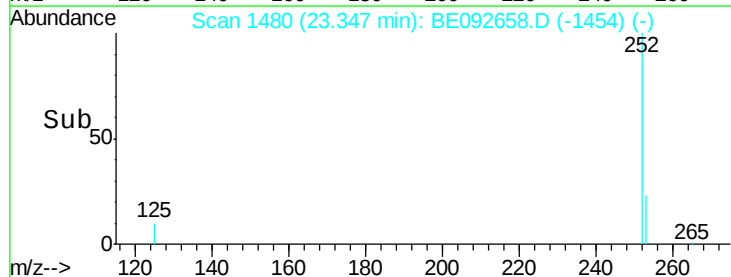
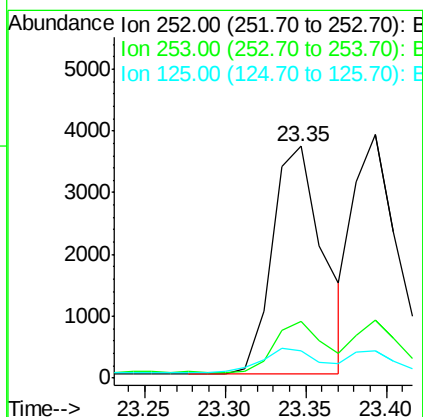
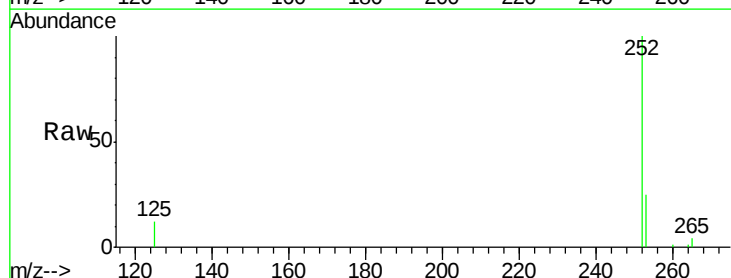
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

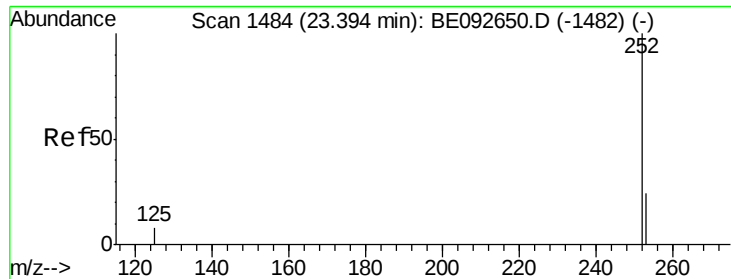
Tgt Ion: 264 Resp: 86885
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.4 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BE092658.D
 Acq: 19 Jan 2017 13:44

Tgt Ion: 252 Resp: 8136
 Ion Ratio Lower Upper
 252 100
 253 24.8 18.7 28.1
 125 11.5 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

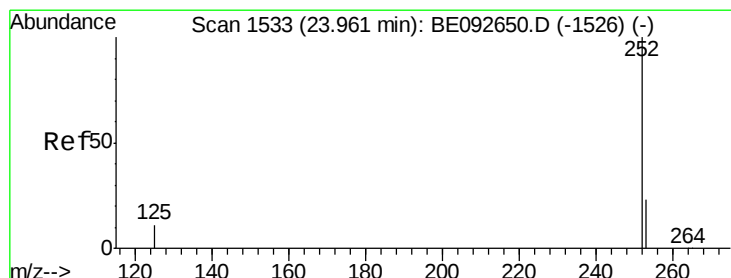
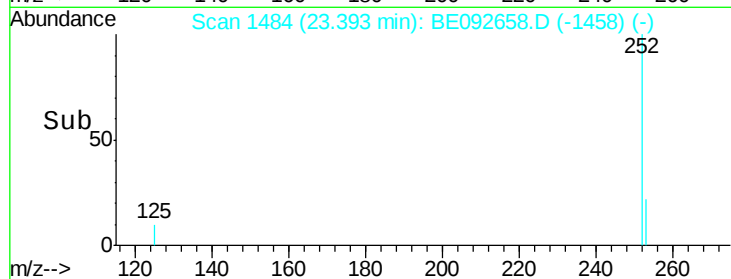
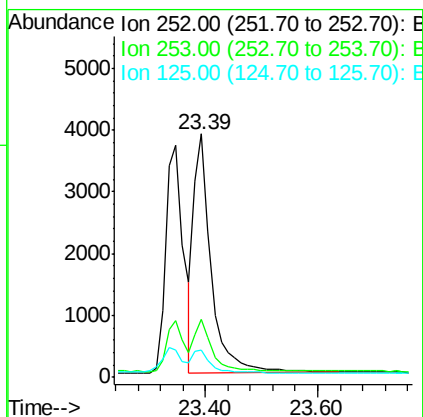
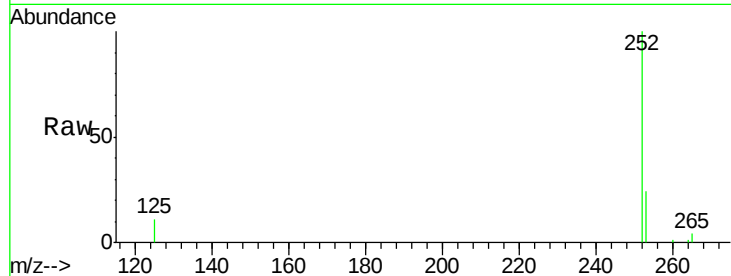
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	252	Resp:	8325
Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	11.4	9.6	14.4



#34

Benzo(a)pyrene

Concen: 0.38 ng

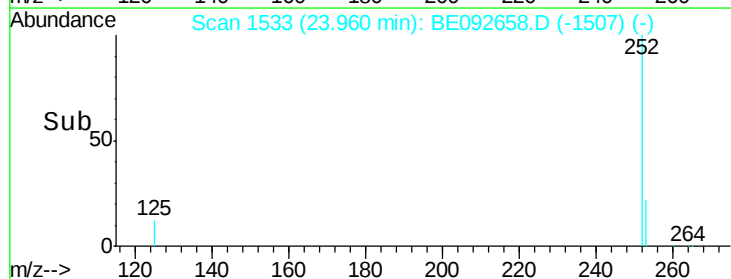
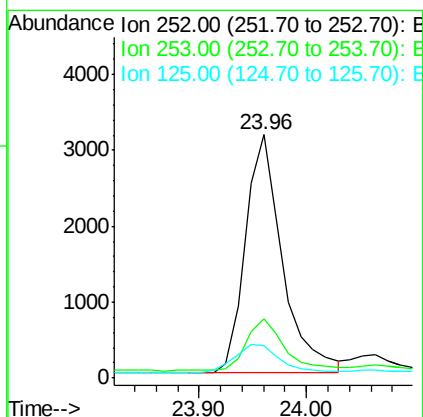
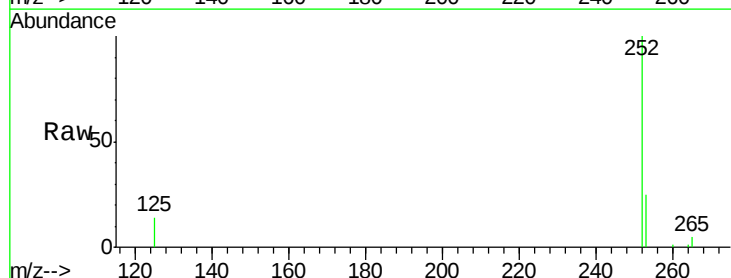
RT: 23.96 min Scan# 1533

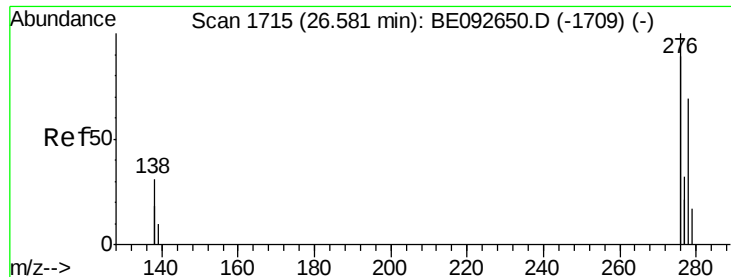
Delta R.T. -0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Tgt Ion:	252	Resp:	7469
Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	13.5	11.8	17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

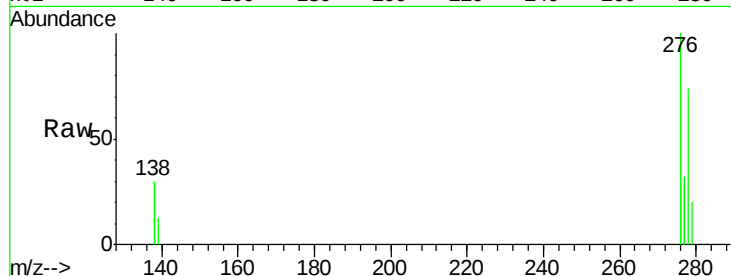
Tgt Ion: 278 Resp: 7255

Ion Ratio Lower Upper

278 100

139 17.7 13.8 20.8

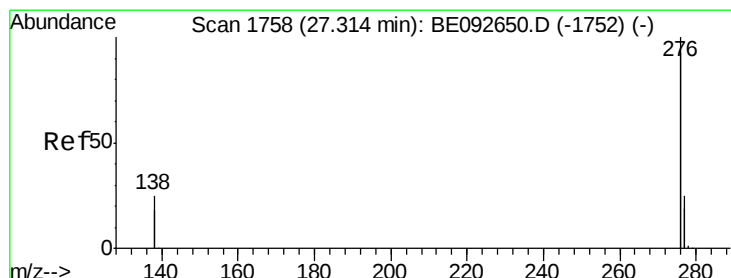
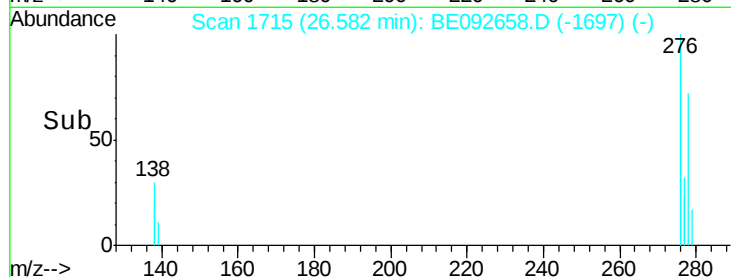
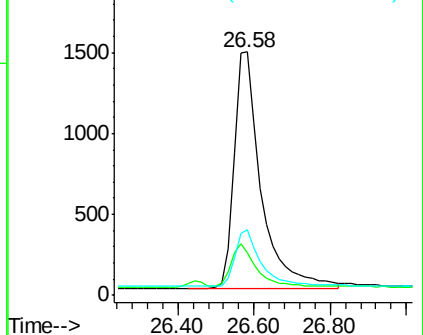
279 27.1 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.31 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BE092658.D

Acq: 19 Jan 2017 13:44

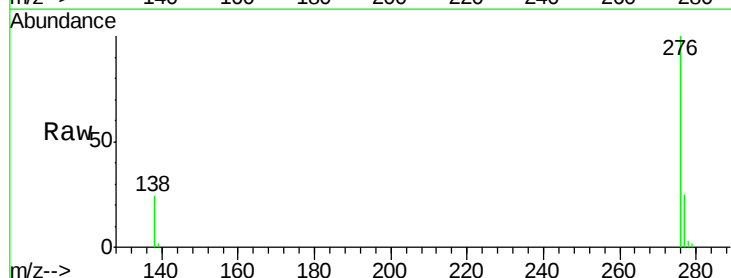
Tgt Ion: 276 Resp: 31176

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 24.3 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

