

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
 Data File : BE092628.D
 Acq On : 27 Dec 2016 19:48
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

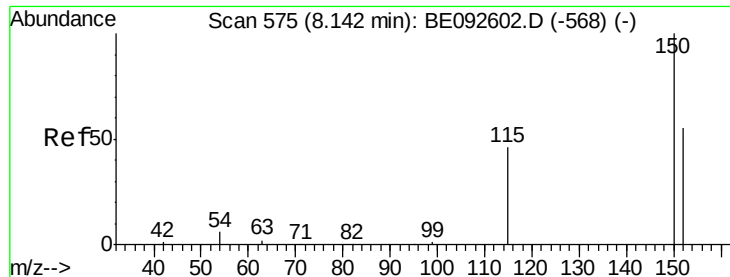
Quant Time: Dec 28 01:26:53 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9100	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	44876	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	32017	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	71240	5.00	ng	0.00
24) Chrysene-d12	21.72	240	91215	5.00	ng	0.00
31) Perylene-d12	24.08	264	81446	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	500	0.43	ng	0.00
5) Phenol-d6	7.36	99	717	0.43	ng	-0.02
8) Nitrobenzene-d5	9.36	82	901	0.46	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	244	0.43	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2992	0.39	ng	0.00
26) Terphenyl-d14	20.16	244	4285	0.38	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	590	0.41	ng	92
3) n-Nitrosodimethylamine	3.80	42	432	0.47	ng	# 88
6) bis(2-Chloroethyl)ether	7.59	93	717	0.37	ng	# 83
9) Naphthalene	10.97	128	3640	0.40	ng	97
10) Hexachlorobutadiene	11.26	225	572	0.41	ng	99
11) 2-Methylnaphthalene	12.64	142	2220	0.38	ng	93
15) Acenaphthylene	14.51	152	16845	0.38	ng	100
16) Acenaphthene	14.85	154	2858	0.39	ng	95
17) Fluorene	15.84	166	3540	0.40	ng	99
19) Hexachlorobenzene	16.86	284	2442	0.80	ng	# 58
20) Pentachlorophenol	17.23	266	163	0.41	ng	94
21) Phenanthrene	17.58	178	6676	0.37	ng	# 95
22) Anthracene	17.69	178	5812	0.35	ng	99
23) Fluoranthene	19.59	202	28606	0.37	ng	100
25) Pyrene	19.95	202	30172	0.38	ng	100
27) Benzo(a)anthracene	21.75	228	69045	0.84	ng	95
28) Chrysene	21.75	228	69339	0.73	ng	# 84
29) Bis(2-ethylhexyl)phthalate	21.61	149	2699	0.39	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.56	276	31420	0.37	ng	99
32) Benzo(b)fluoranthene	23.35	252	7082	0.38	ng	98
33) Benzo(k)fluoranthene	23.39	252	8106	0.39	ng	97
34) Benzo(a)pyrene	23.96	252	6805	0.38	ng	99
35) Dibenzo(a,h)anthracene	26.58	278	6127	0.36	ng	# 94
36) Benzo(g,h,i)perylene	27.33	276	27273	0.37	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

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BNA_E

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SSTDCCC0.4EC

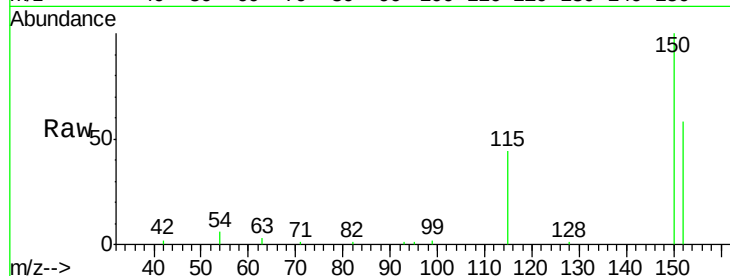
Tgt Ion:152 Resp: 9100

Ion Ratio Lower Upper

152 100

150 172.6 106.0 159.0#

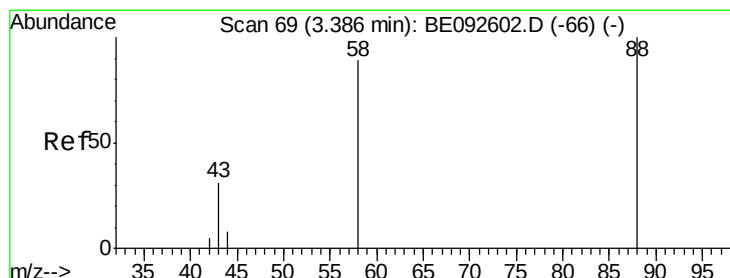
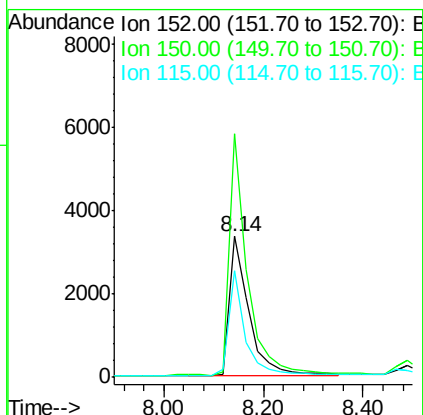
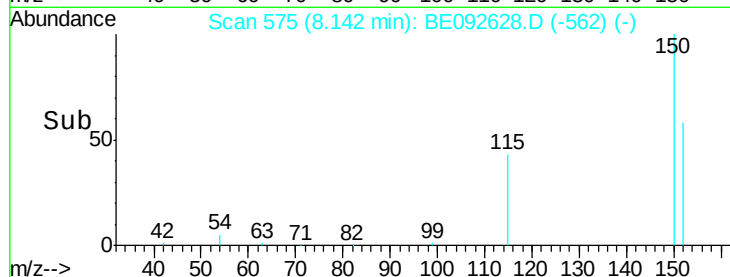
115 75.7 31.2 46.8#



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: 0.41 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

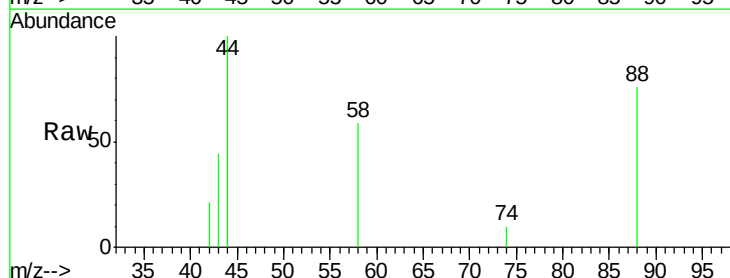
Tgt Ion: 88 Resp: 590

Ion Ratio Lower Upper

88 100

58 70.0 63.6 95.4

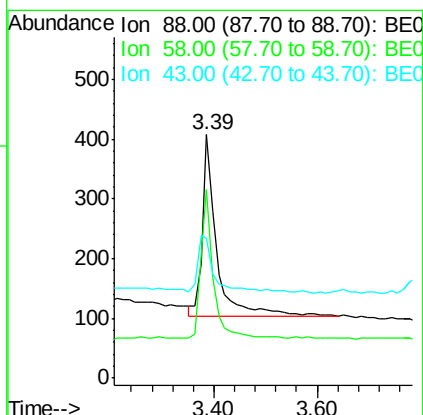
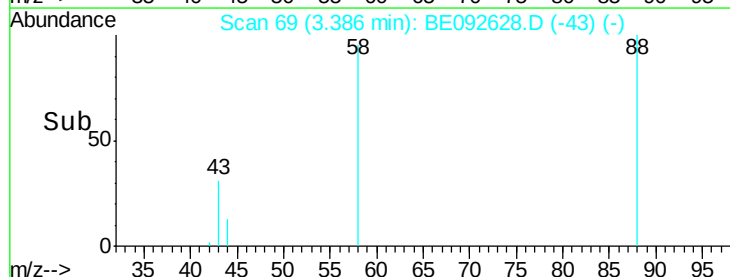
43 36.3 28.0 42.0

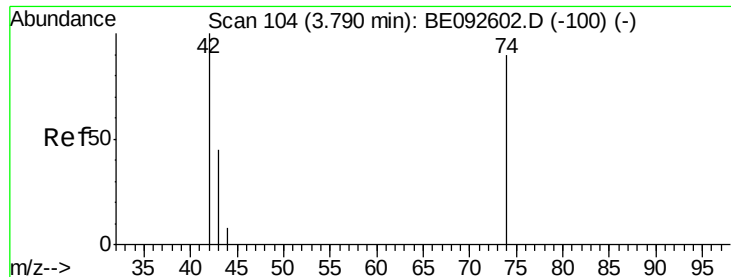


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.01 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

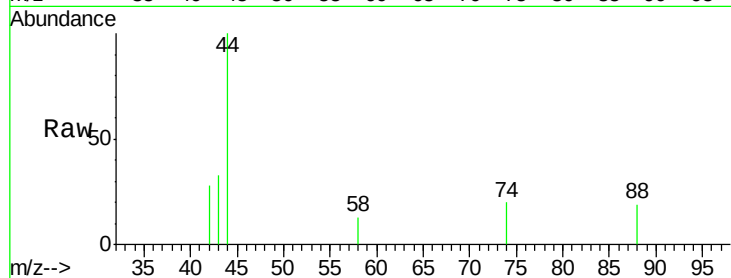
Tgt Ion: 42 Resp: 432

Ion Ratio Lower Upper

42 100

74 95.4 86.0 129.0

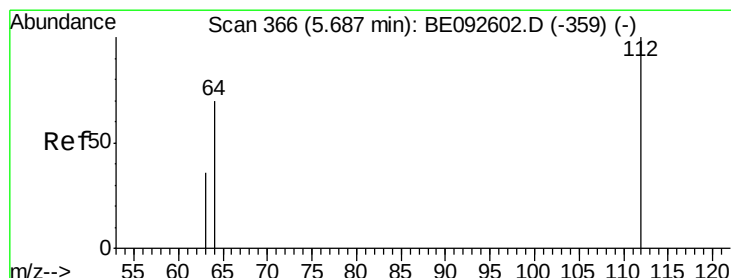
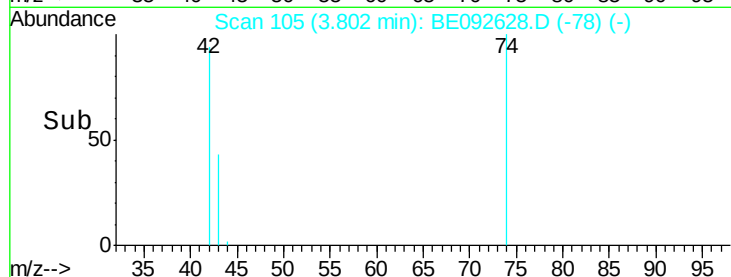
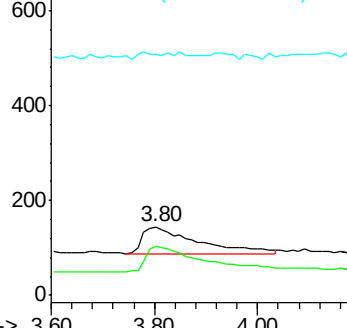
44 0.0 5.1 7.7#



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: 0.43 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

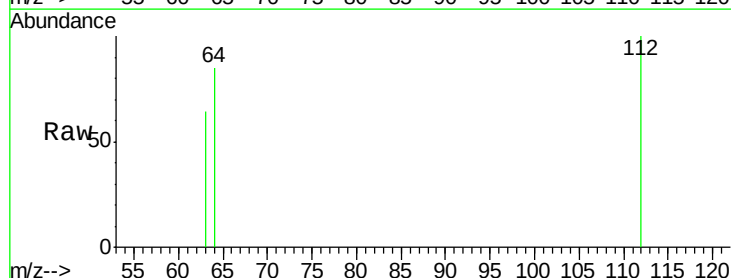
Tgt Ion: 112 Resp: 500

Ion Ratio Lower Upper

112 100

64 70.6 53.5 80.3

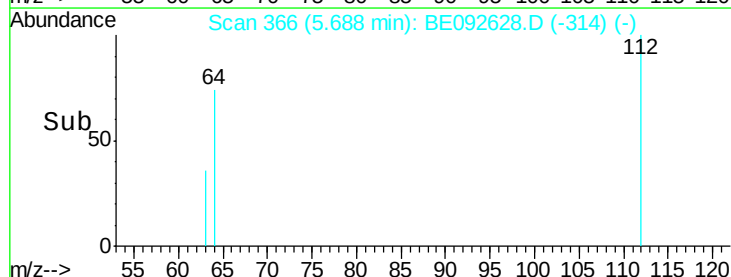
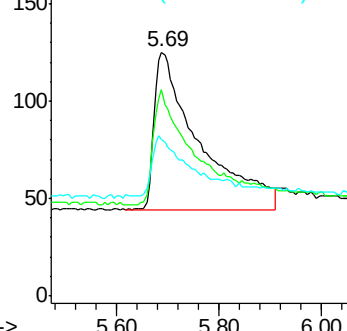
63 30.8 27.9 41.9

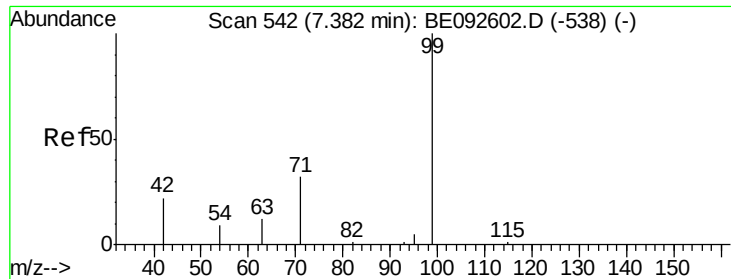


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.43 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

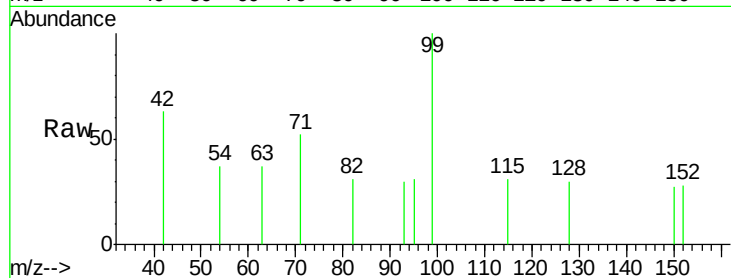
Tgt Ion: 99 Resp: 717

Ion Ratio Lower Upper

99 100

42 30.1 16.0 24.0#

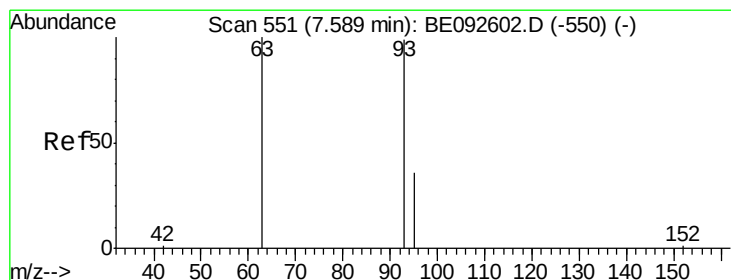
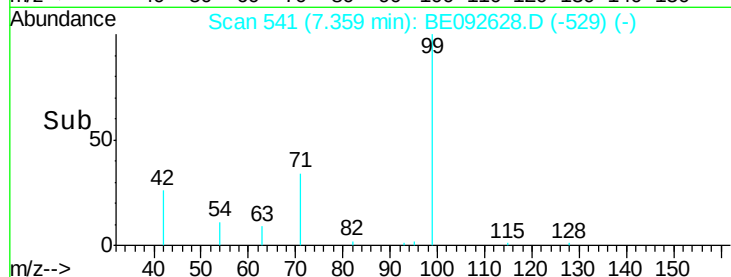
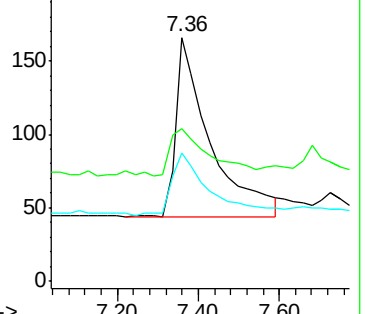
71 37.0 30.6 45.8



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: 0.37 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

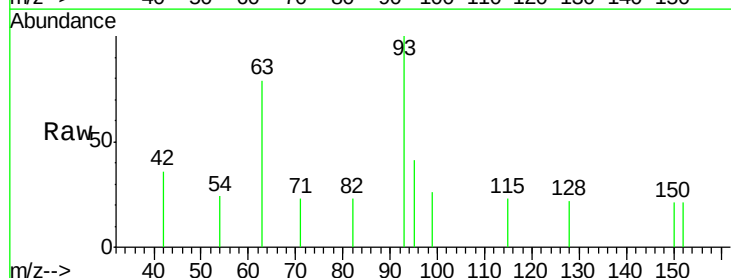
Tgt Ion: 93 Resp: 717

Ion Ratio Lower Upper

93 100

63 71.1 71.6 107.4#

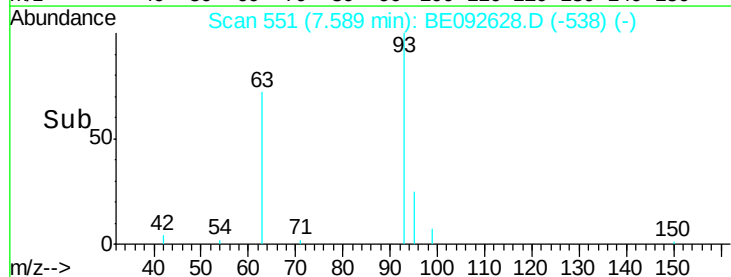
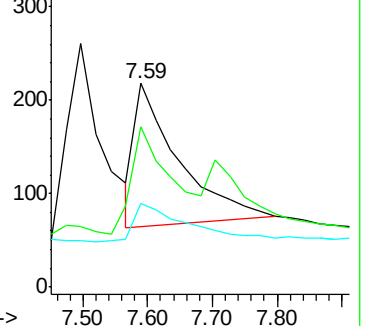
95 35.1 24.0 36.0

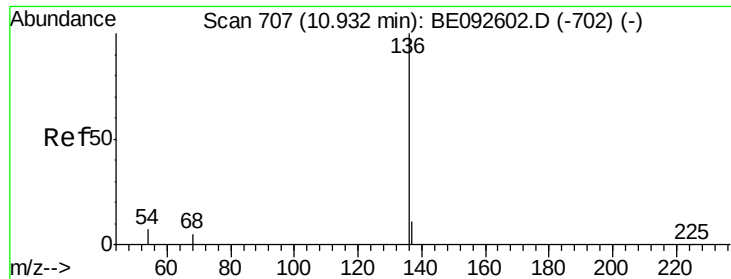


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 44876

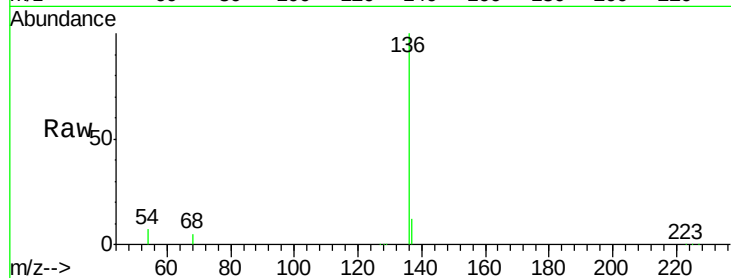
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 7.0 9.6 14.4#

68 5.1 6.7 10.1#

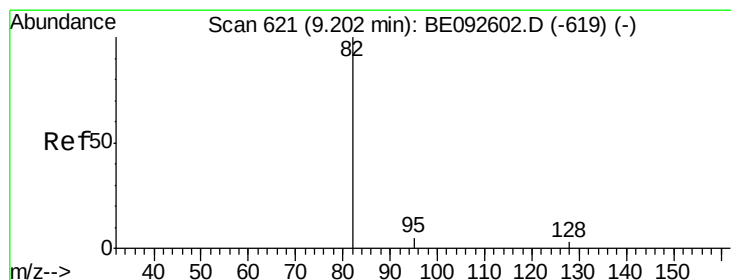
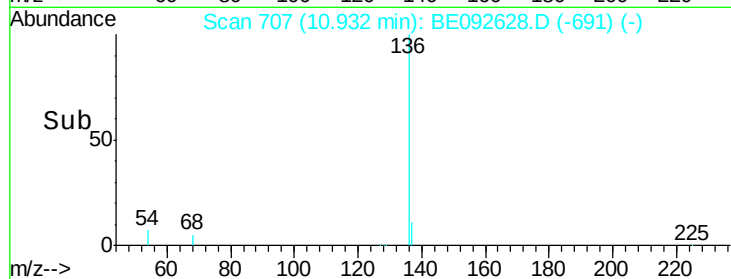
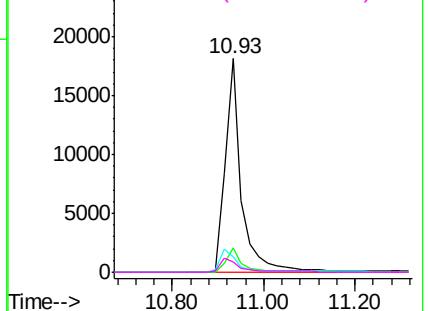


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.46 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

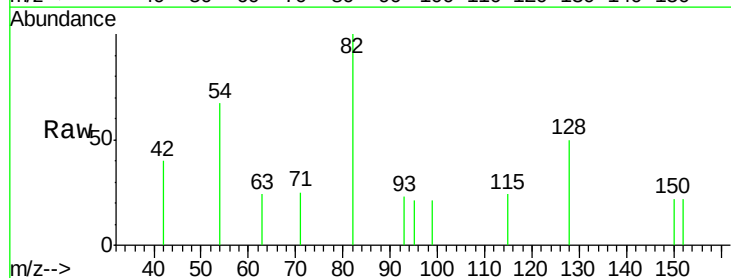
Tgt Ion: 82 Resp: 901

Ion Ratio Lower Upper

82 100

128 49.5 39.0 58.4

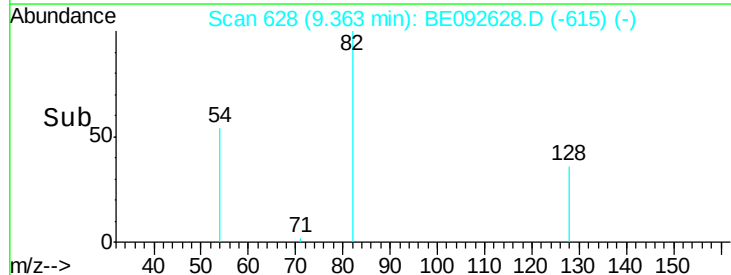
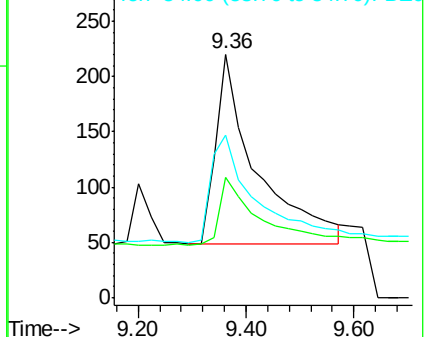
54 66.8 44.8 67.2

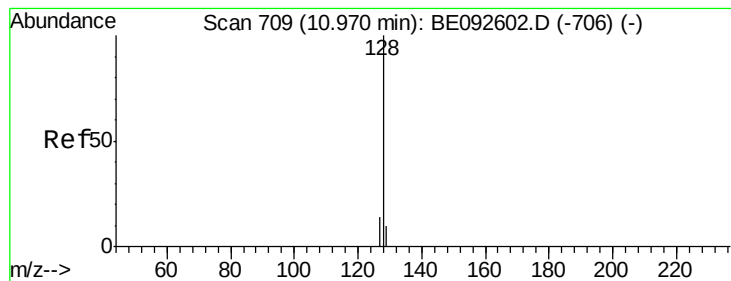


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

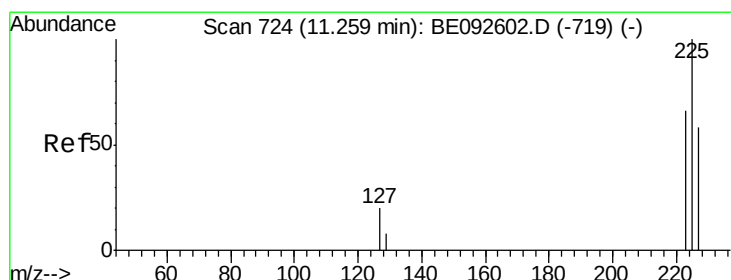
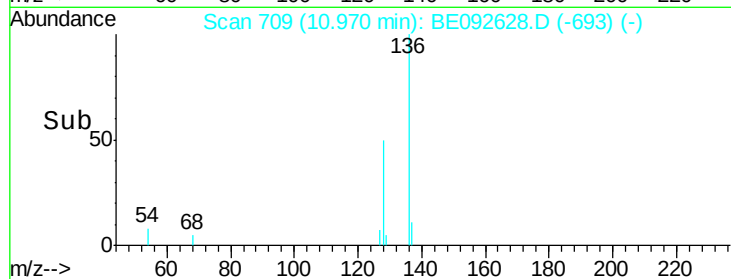
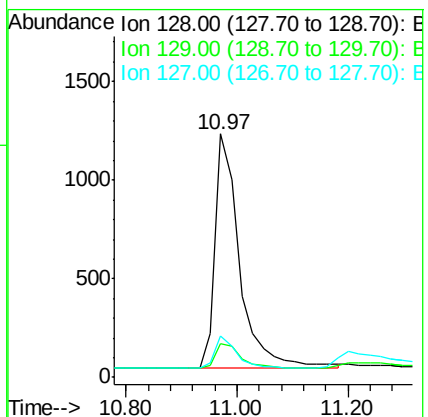
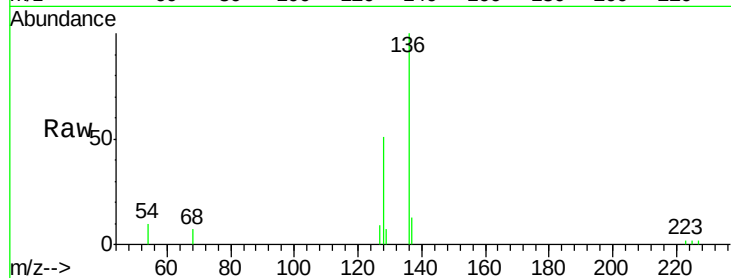
Tgt Ion:128 Resp: 3640

Ion Ratio Lower Upper

128 100

129 13.8 11.2 16.8

127 16.8 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

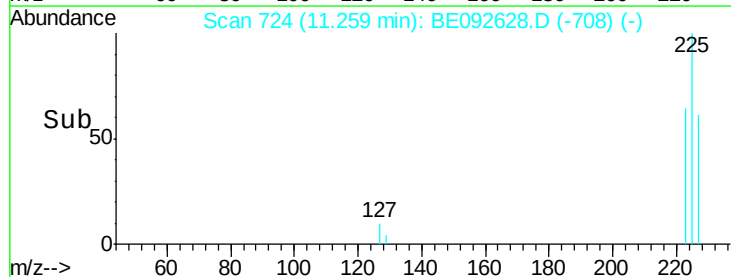
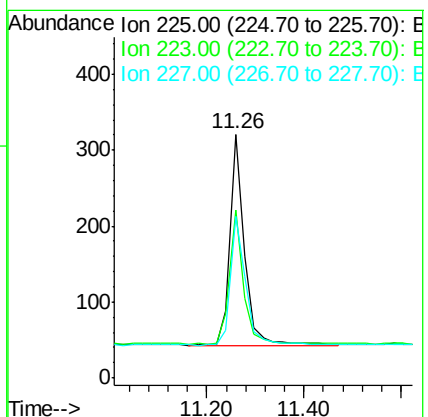
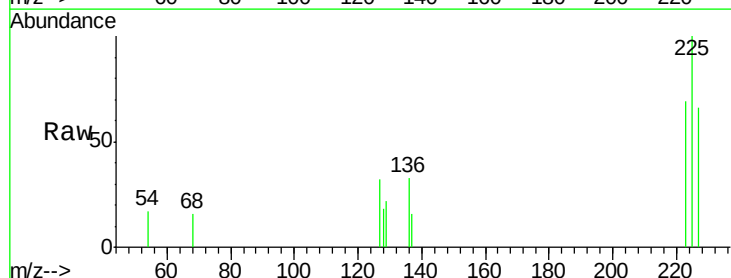
Tgt Ion:225 Resp: 572

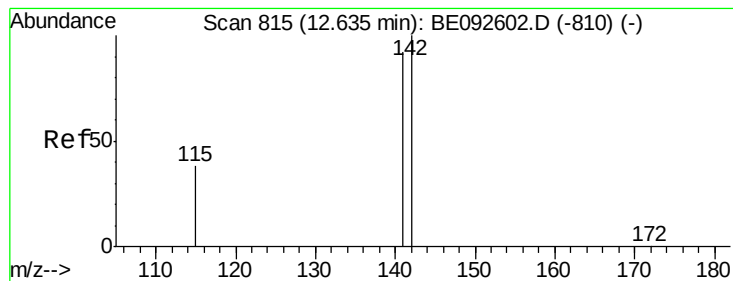
Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

227 64.5 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

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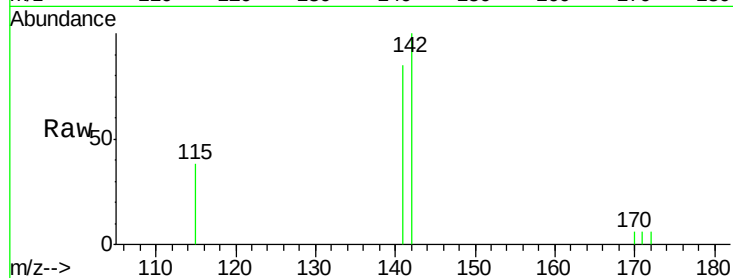
Tgt Ion:142 Resp: 2220

Ion Ratio Lower Upper

142 100

141 84.7 73.7 110.5

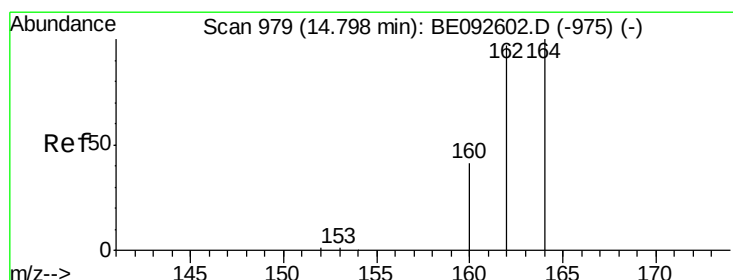
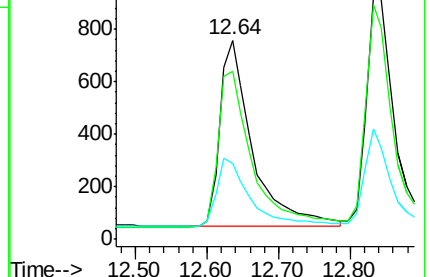
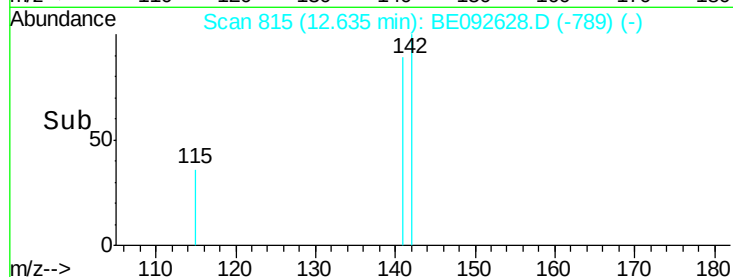
115 38.3 34.0 51.0



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: BE092628.D

Acq: 27 Dec 2016 19:48

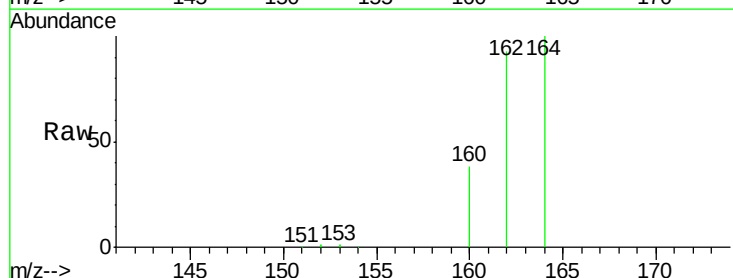
Tgt Ion:164 Resp: 32017

Ion Ratio Lower Upper

164 100

162 92.9 71.4 107.0

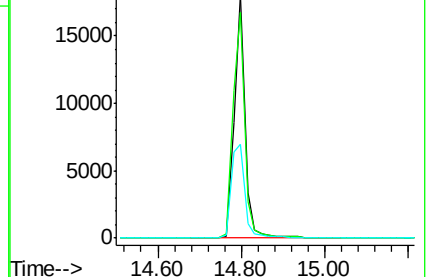
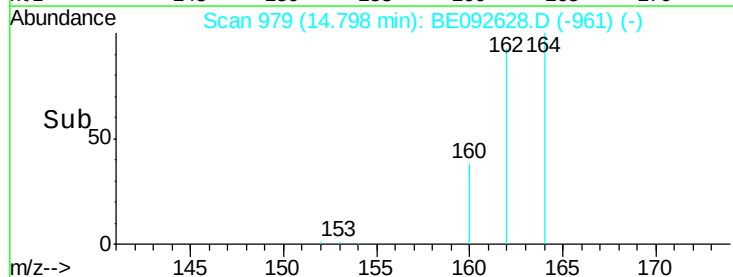
160 38.4 27.4 41.2

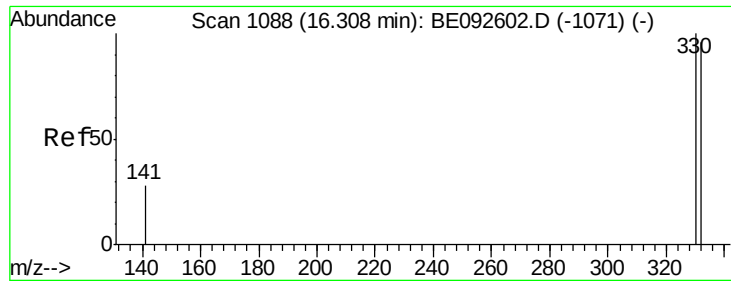


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

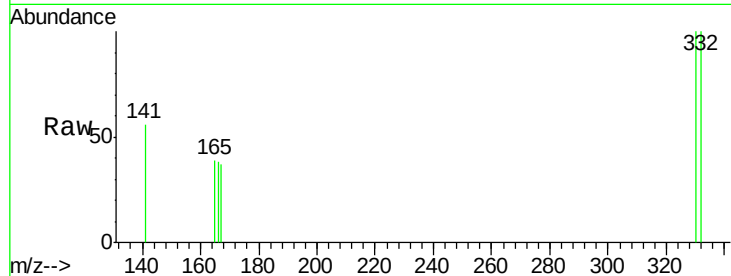




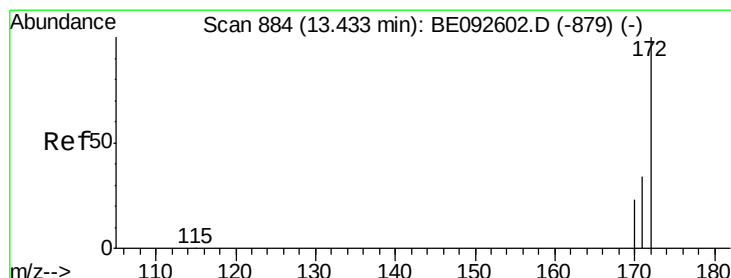
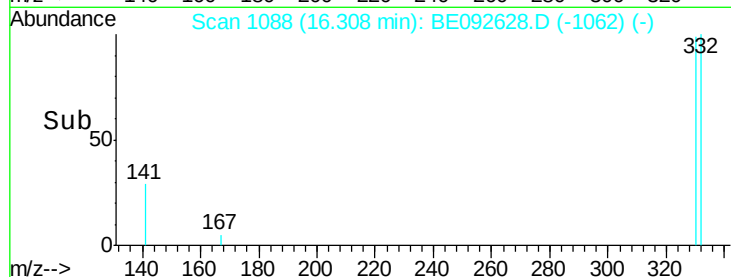
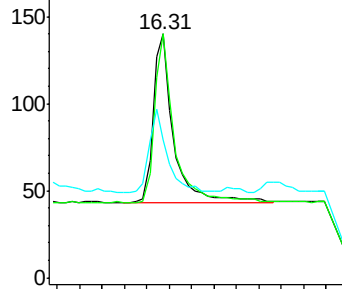
#13
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092628.D
 Acq: 27 Dec 2016 19:48

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 330 Resp: 244
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 43.4 31.0 46.6

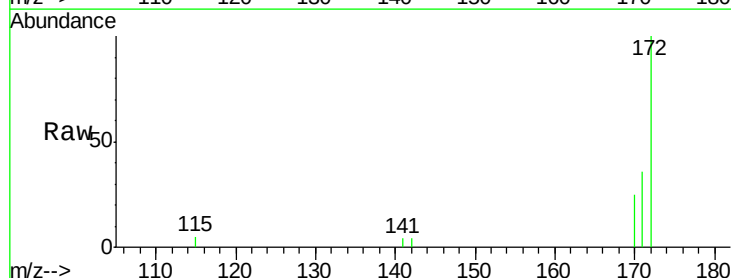


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

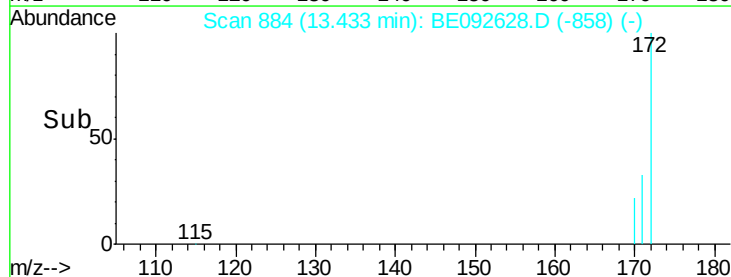
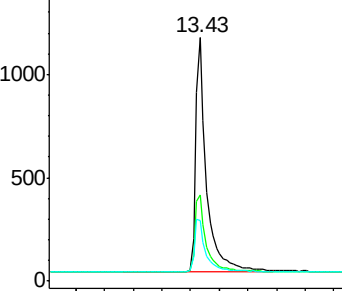


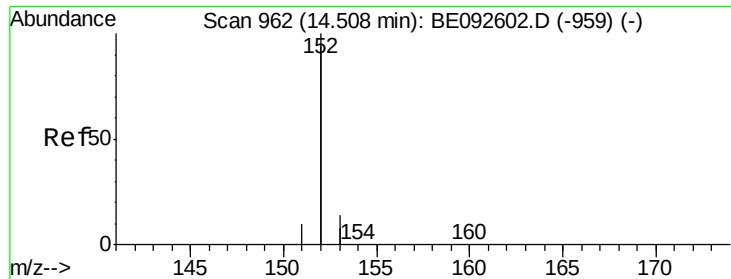
#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092628.D
 Acq: 27 Dec 2016 19:48

Tgt Ion: 172 Resp: 2992
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.1 45.1
 170 24.7 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

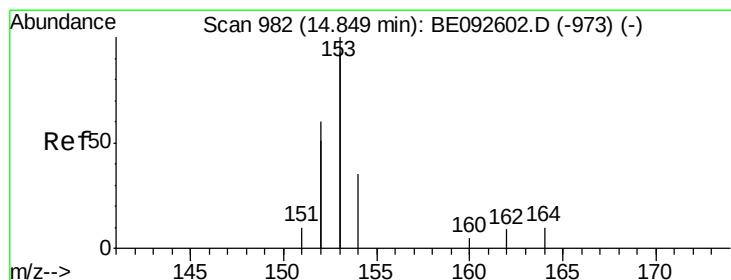
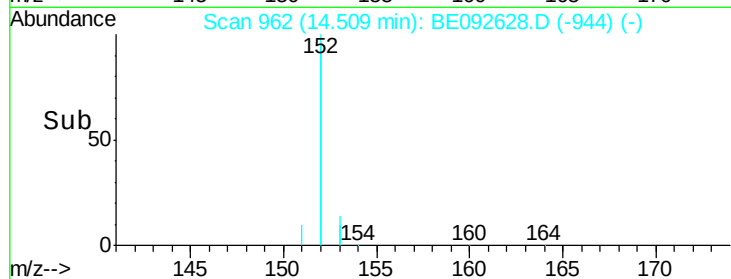
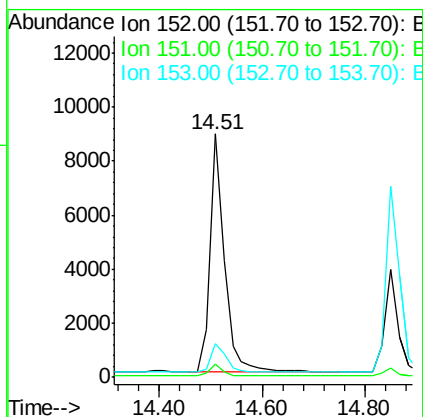
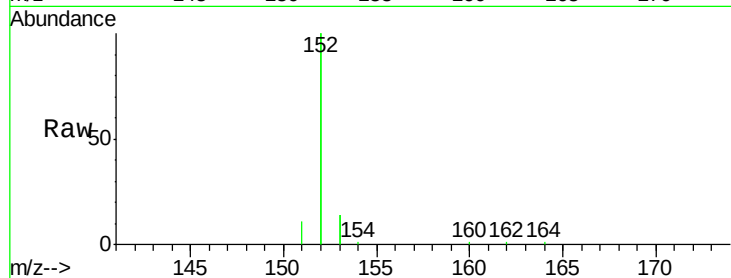




#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

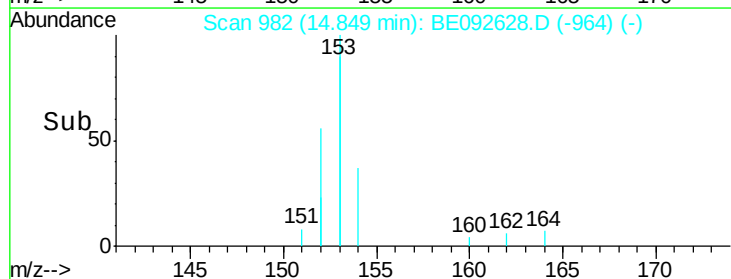
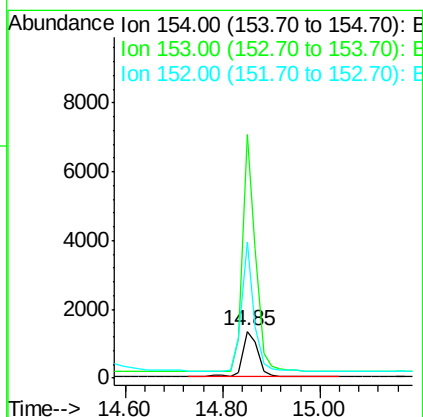
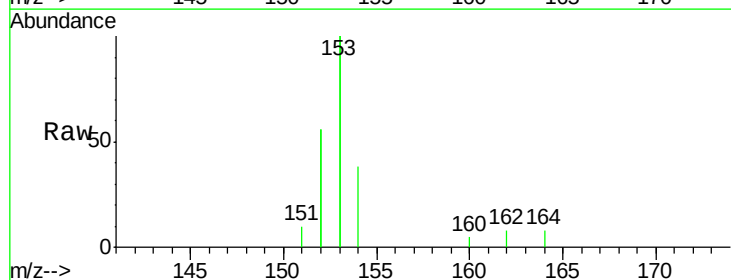
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

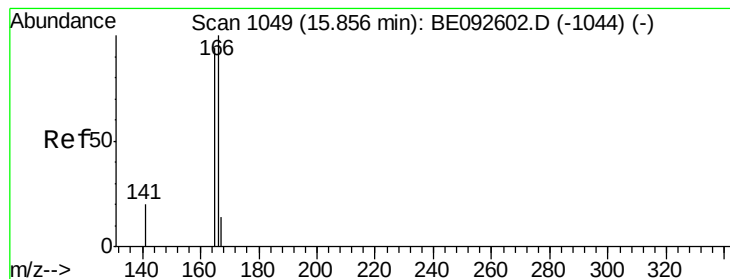
Tgt Ion:152 Resp: 16845
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 13.2 10.4 15.6



#16
Acenaphthene
Concen: 0.39 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:154 Resp: 2858
Ion Ratio Lower Upper
154 100
153 442.8 350.8 526.2
152 232.2 171.1 256.7





#17

Fluorene

Concen: 0.40 ng

RT: 15.84 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

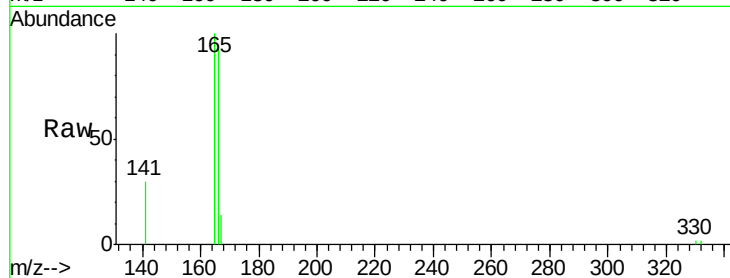
Tgt Ion:166 Resp: 3540

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

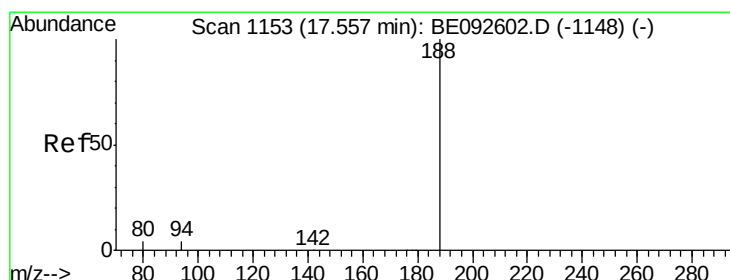
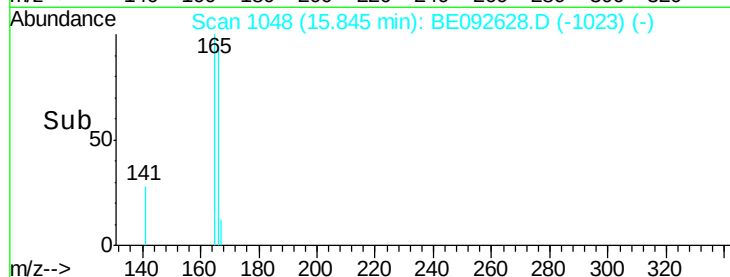
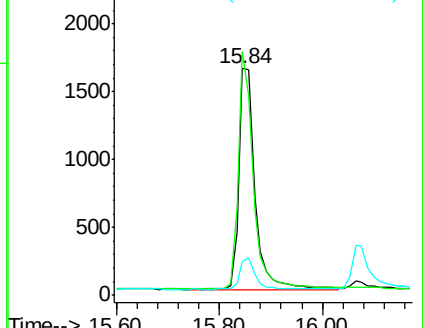
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

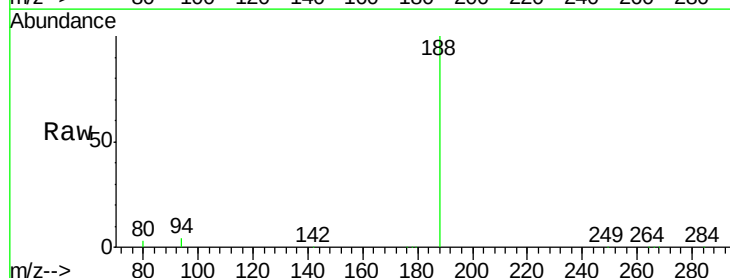
Tgt Ion:188 Resp: 71240

Ion Ratio Lower Upper

188 100

94 3.8 3.2 4.8

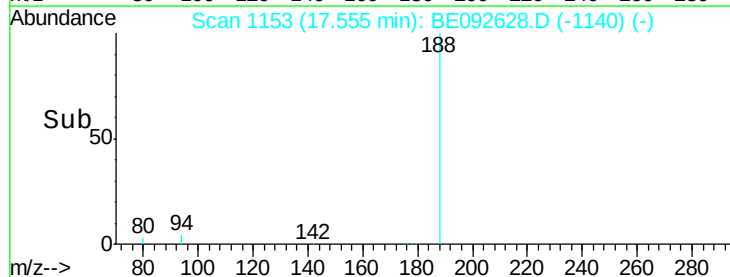
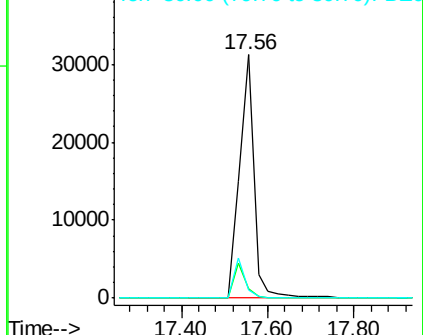
80 3.4 2.6 3.8

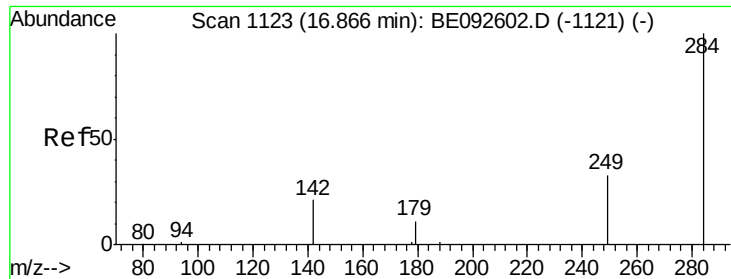


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

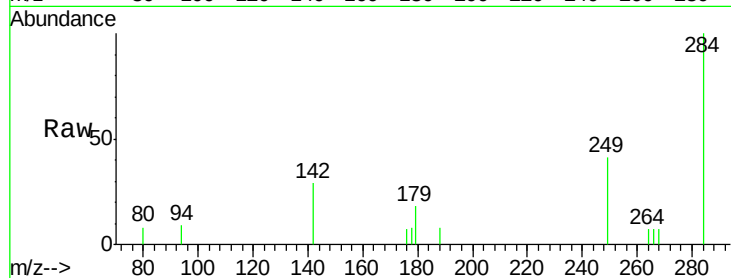




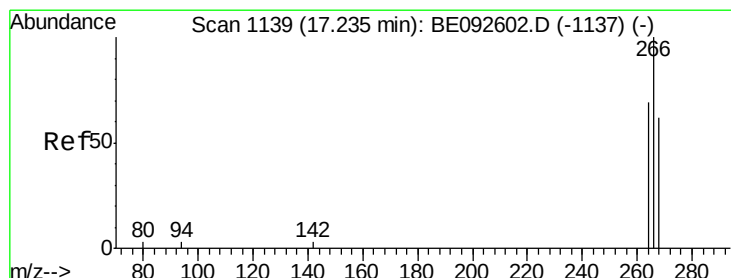
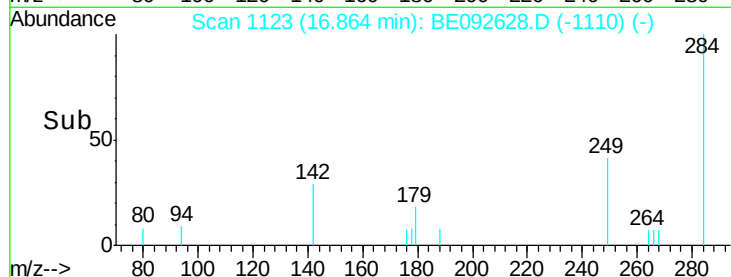
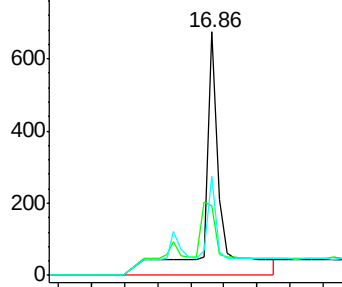
#19
Hexachlorobenzene
Concen: 0.80 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 2442
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 22.9 27.9 41.9#

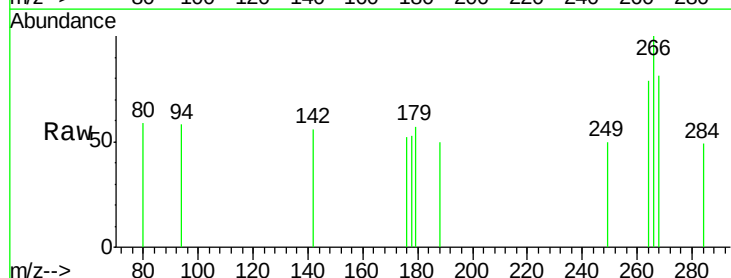


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

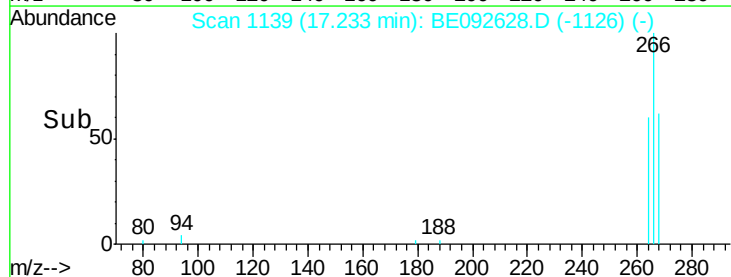
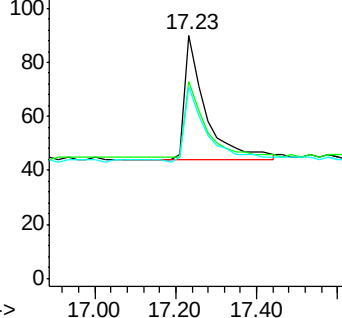


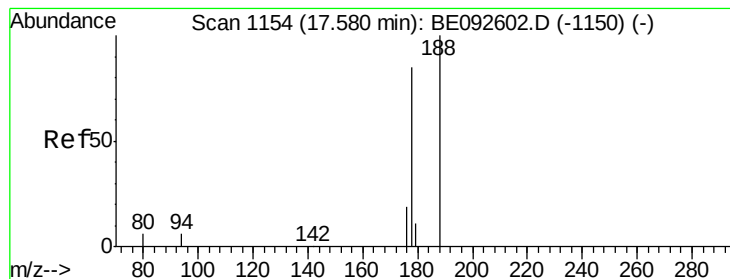
#20
Pentachlorophenol
Concen: 0.41 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion: 266 Resp: 163
Ion Ratio Lower Upper
266 100
268 81.1 62.5 93.7
264 78.9 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: 0.37 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

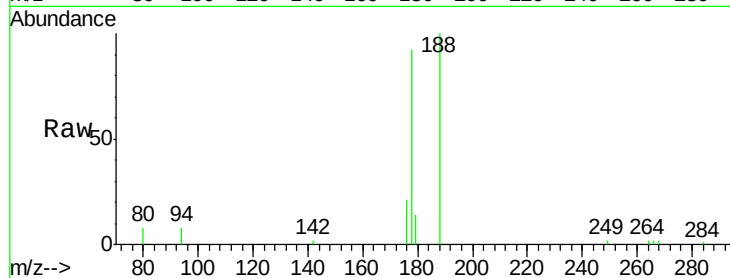
Tgt Ion:178 Resp: 6676

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

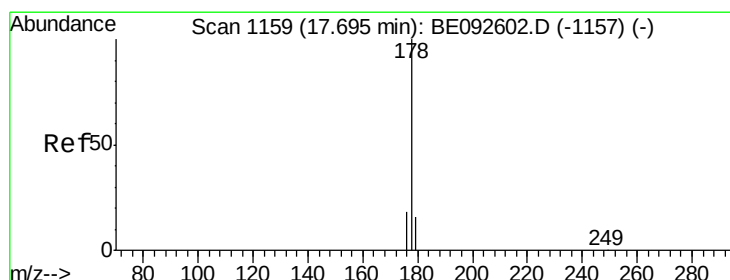
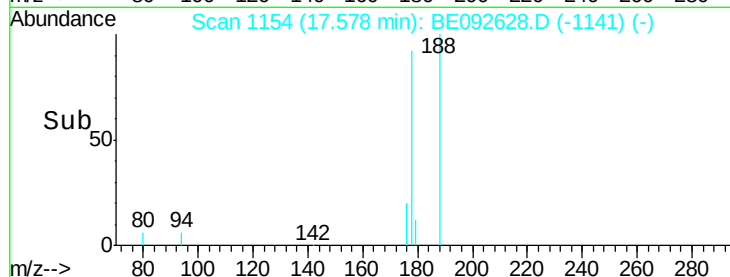
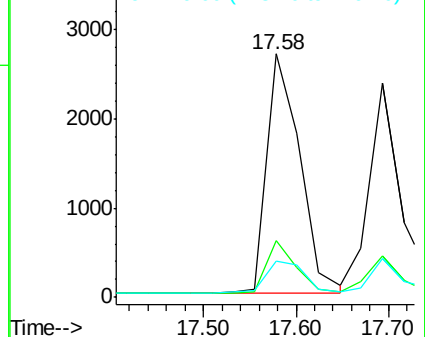
179 15.9 16.0 24.0#



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: 0.35 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

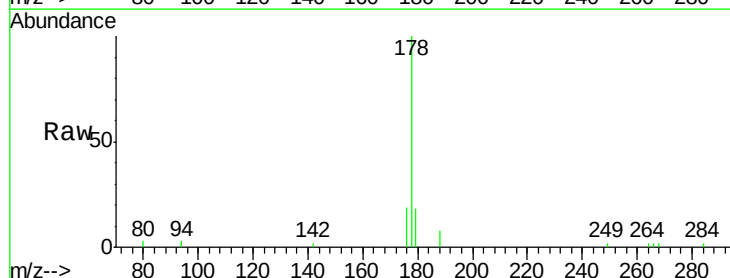
Tgt Ion:178 Resp: 5812

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

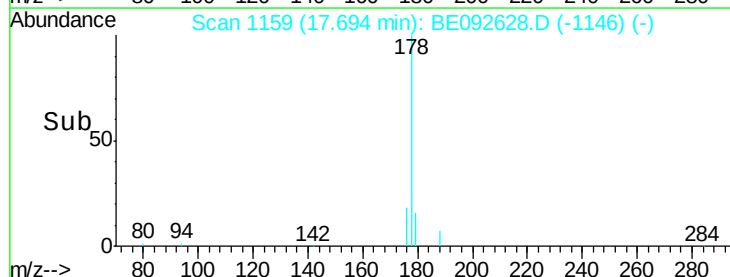
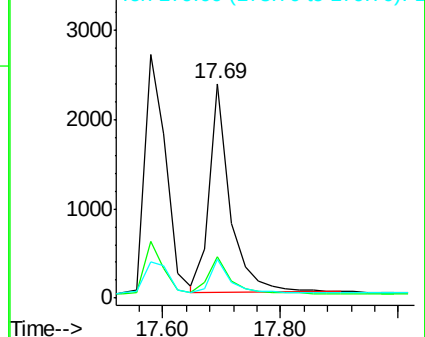
179 16.3 12.2 18.2

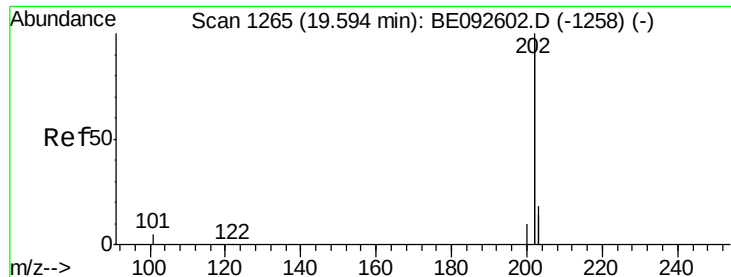


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.37 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

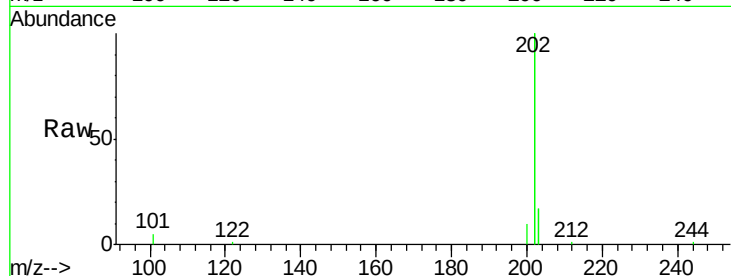
Tgt Ion: 202 Resp: 28606

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

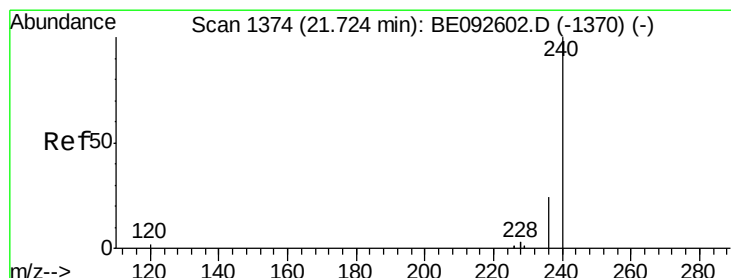
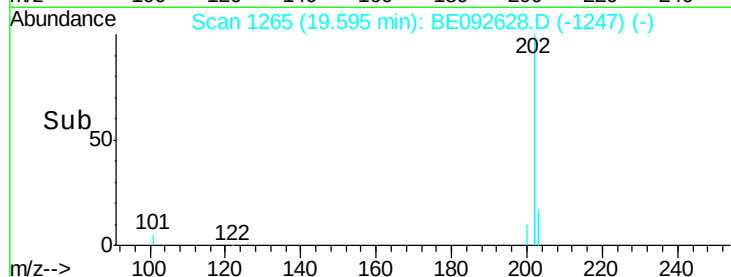
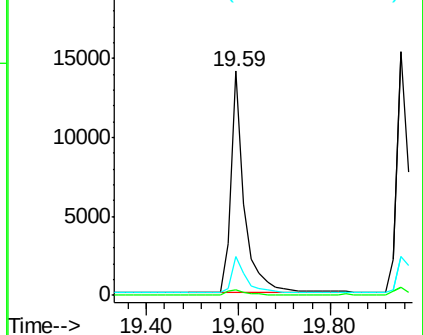
203 17.3 13.7 20.5



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: BE092628.D

Acq: 27 Dec 2016 19:48

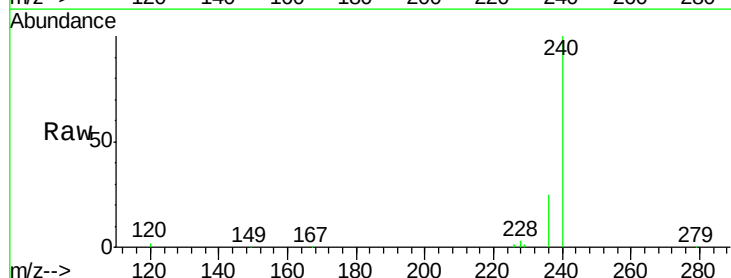
Tgt Ion: 240 Resp: 91215

Ion Ratio Lower Upper

240 100

120 1.7 2.6 4.0#

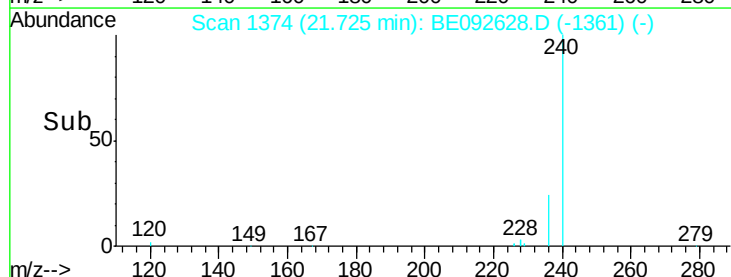
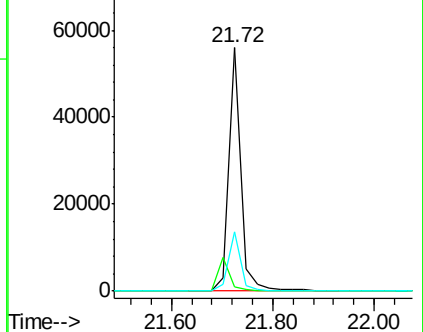
236 24.5 24.6 37.0#

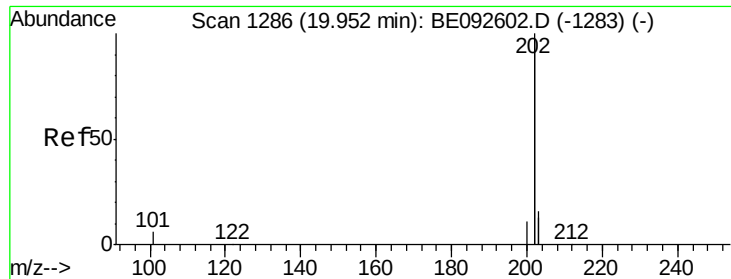


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

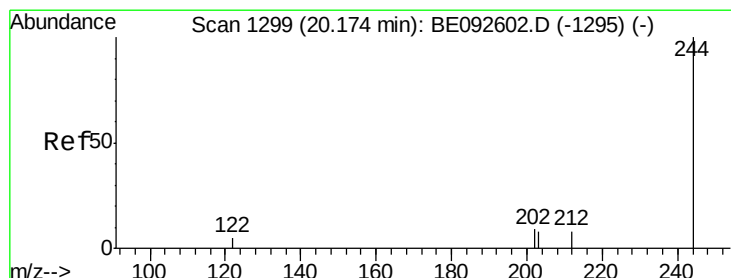
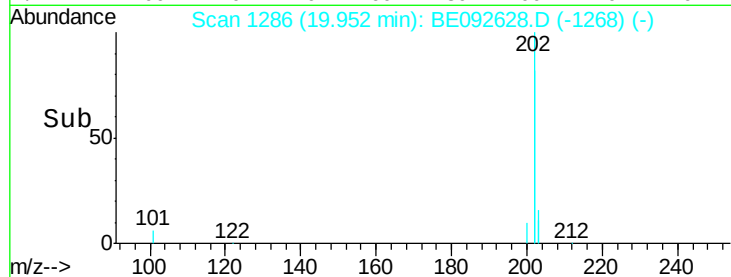
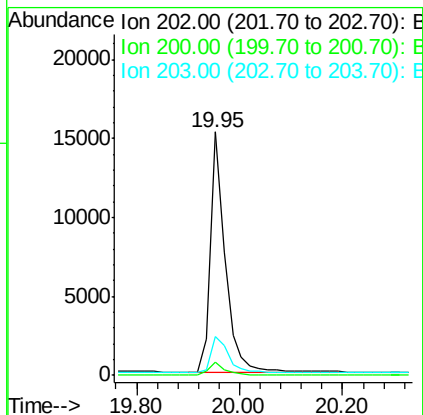
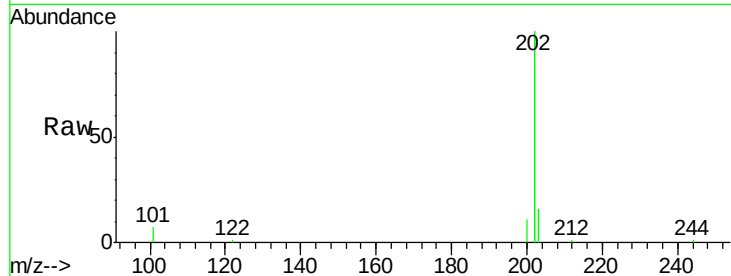




#25
 Pyrene
 Concen: 0.38 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE092628.D
 Acq: 27 Dec 2016 19:48

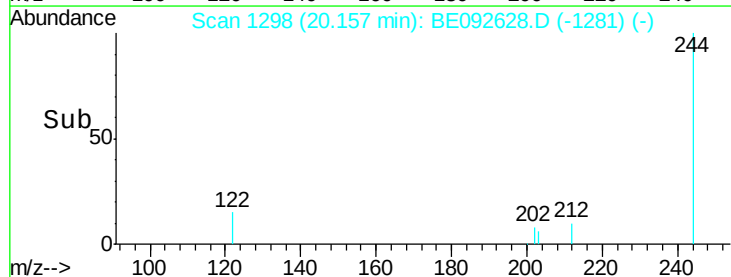
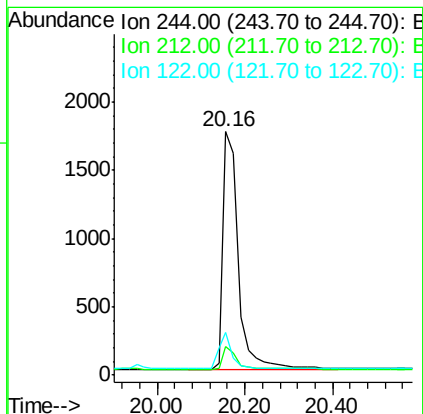
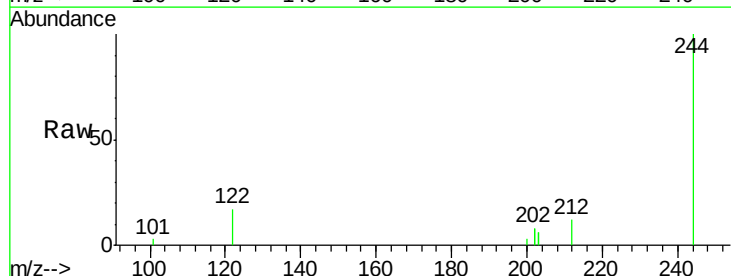
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

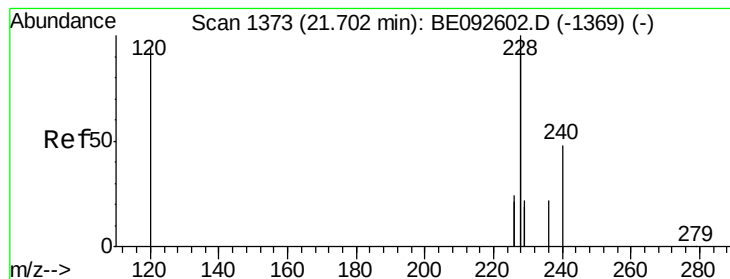
Tgt Ion: 202 Resp: 30172
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.5 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092628.D
 Acq: 27 Dec 2016 19:48

Tgt Ion: 244 Resp: 4285
 Ion Ratio Lower Upper
 244 100
 212 11.9 6.7 10.1#
 122 17.5 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.84 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.05 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

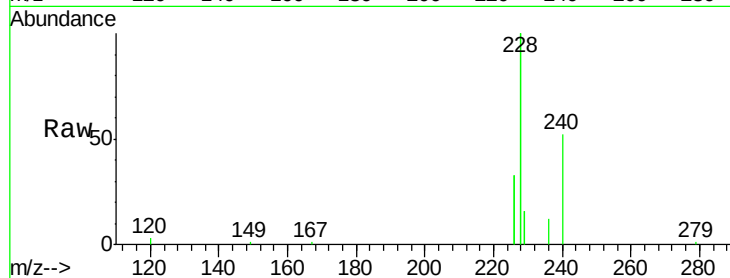
Tgt Ion:228 Resp: 69045

Ion Ratio Lower Upper

228 100

226 33.4 23.6 35.4

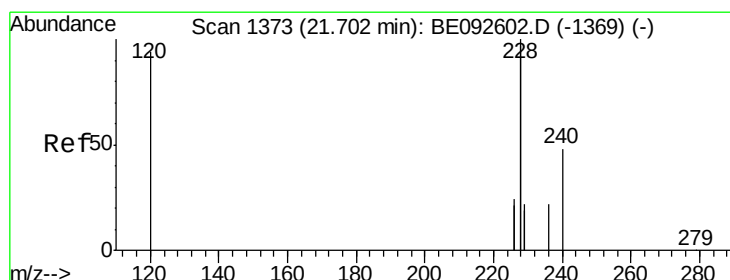
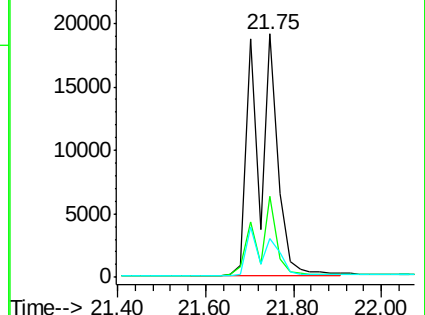
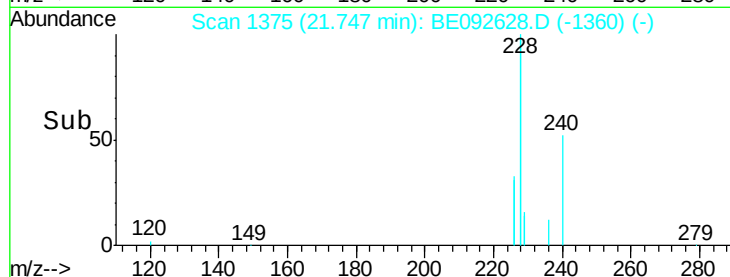
229 16.0 13.3 19.9



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: 0.73 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

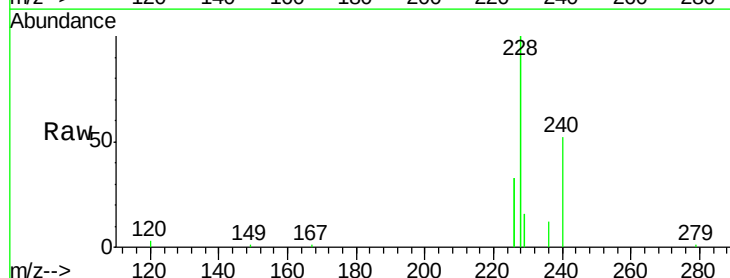
Tgt Ion:228 Resp: 69339

Ion Ratio Lower Upper

228 100

226 33.4 36.3 54.5#

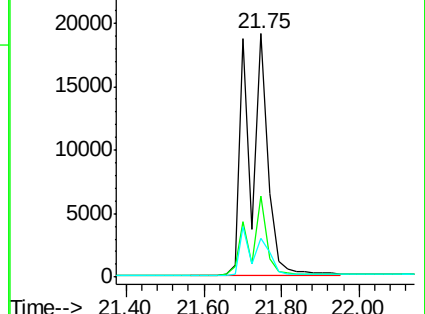
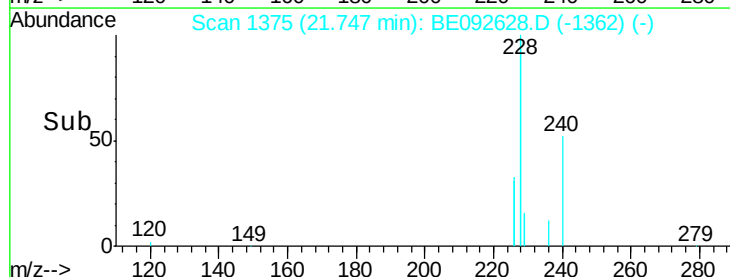
229 16.0 10.6 16.0#

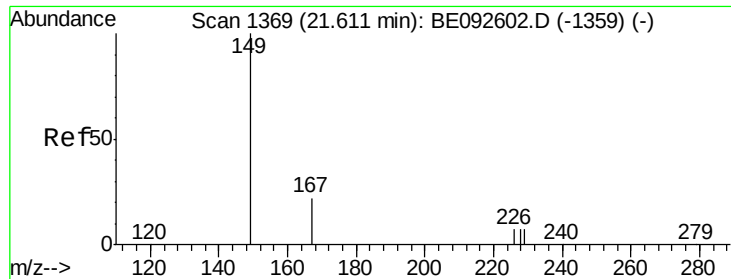


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

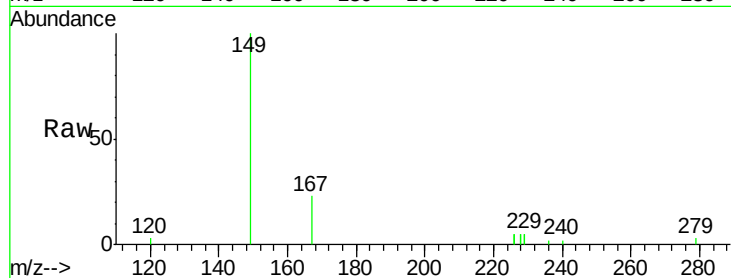
Tgt Ion:149 Resp: 2699

Ion Ratio Lower Upper

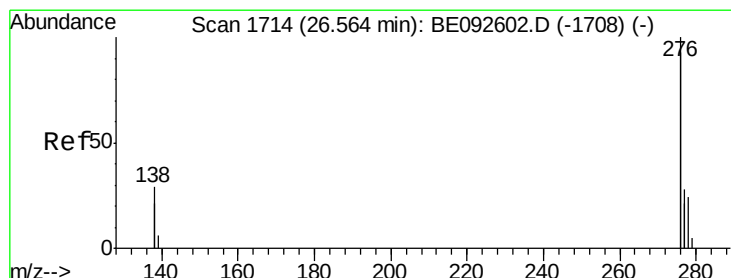
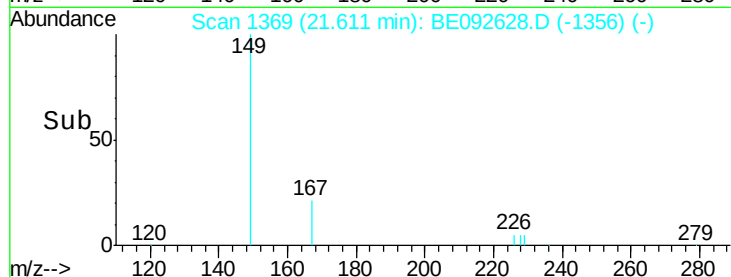
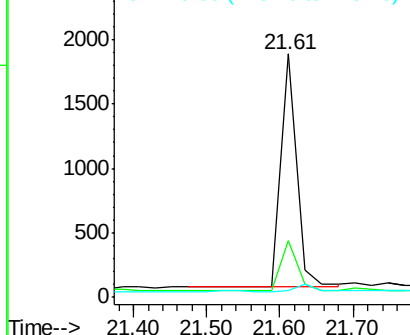
149 100

167 22.3 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: 0.37 ng

RT: 26.56 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

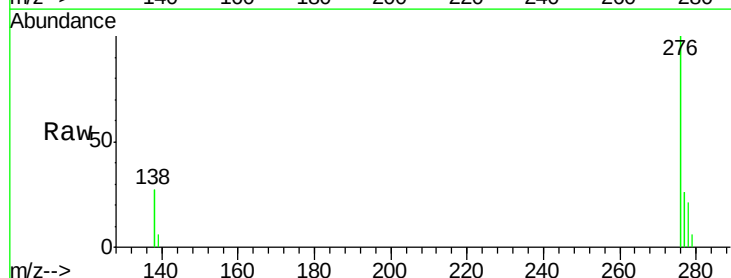
Tgt Ion:276 Resp: 31420

Ion Ratio Lower Upper

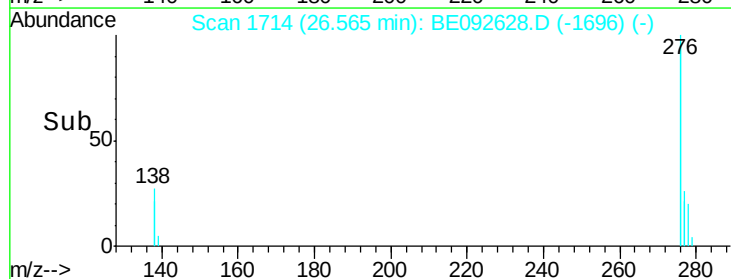
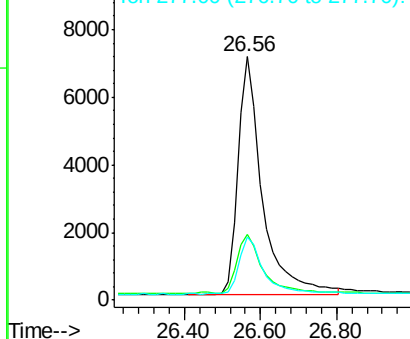
276 100

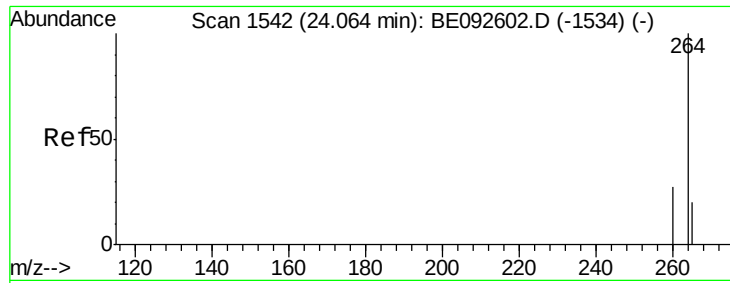
138 26.1 20.3 30.5

277 24.5 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

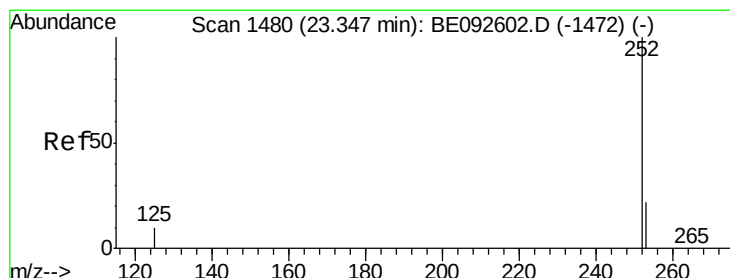
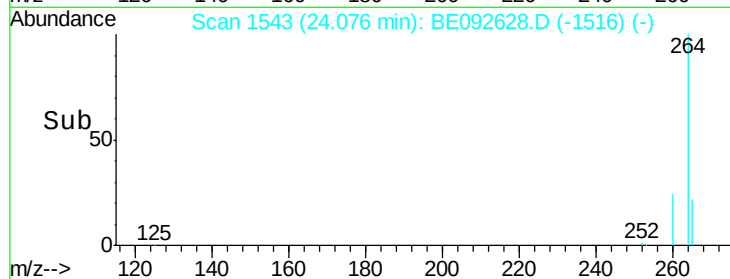
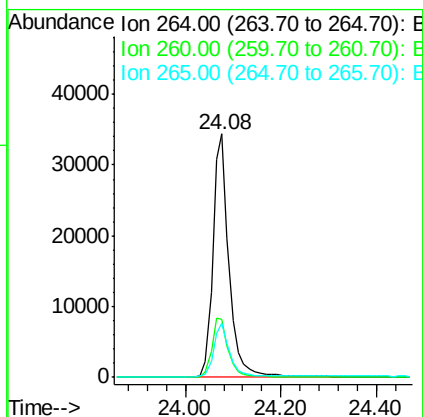
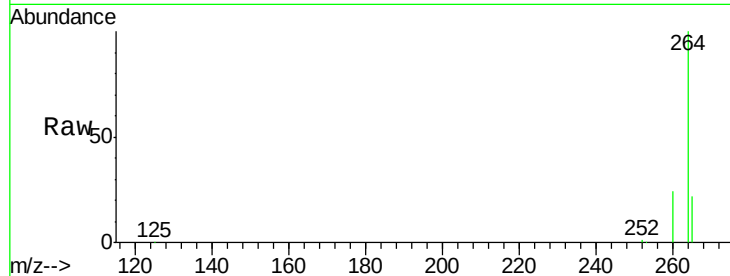




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BE092628.D
 Acq: 27 Dec 2016 19:48

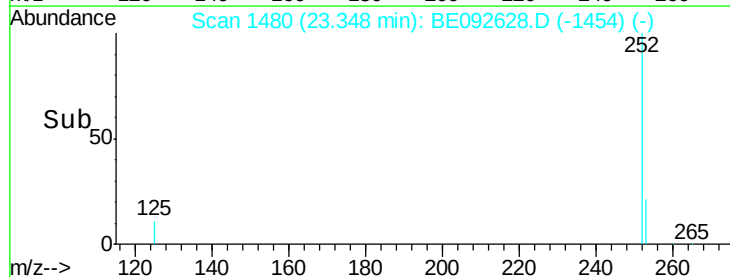
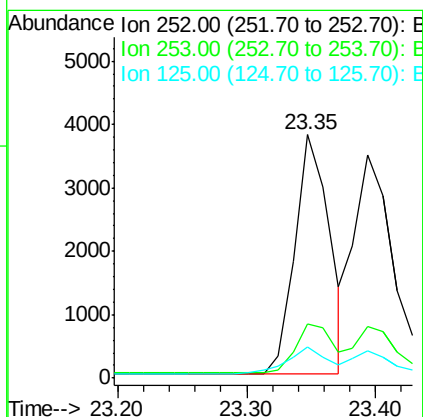
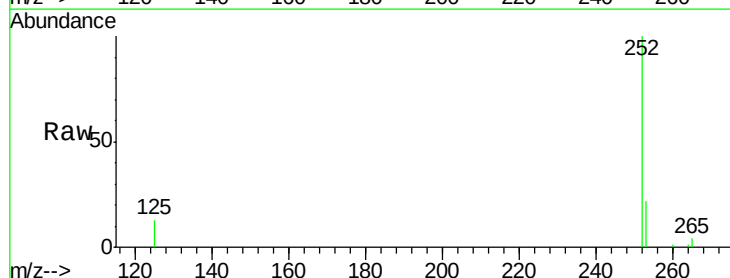
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

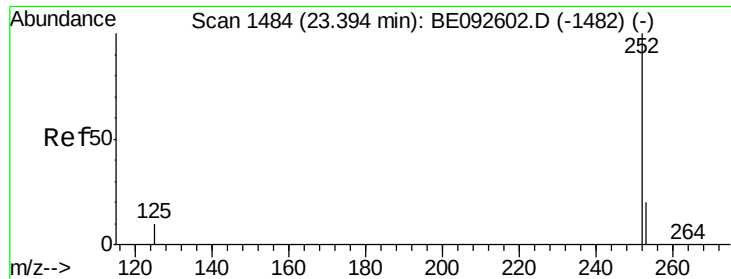
Tgt Ion: 264 Resp: 81446
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 22.3 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BE092628.D
 Acq: 27 Dec 2016 19:48

Tgt Ion: 252 Resp: 7082
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.7 28.1
 125 12.6 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: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

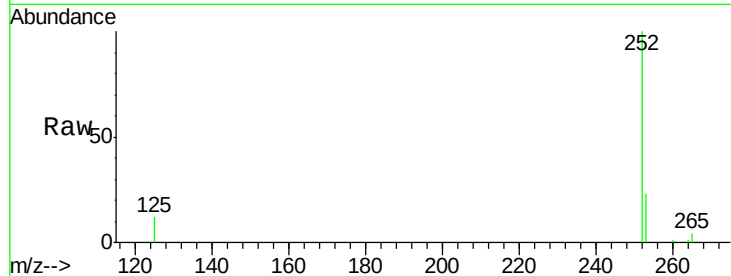
Tgt Ion:252 Resp: 8106

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

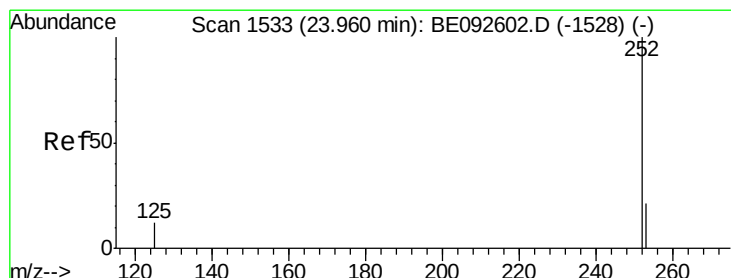
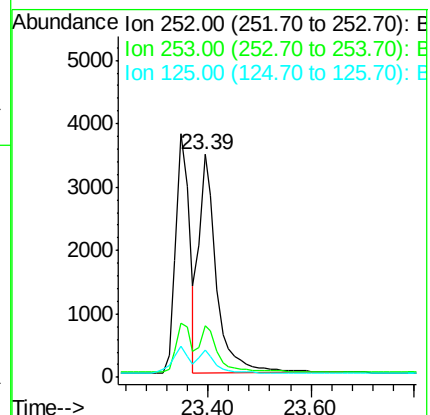
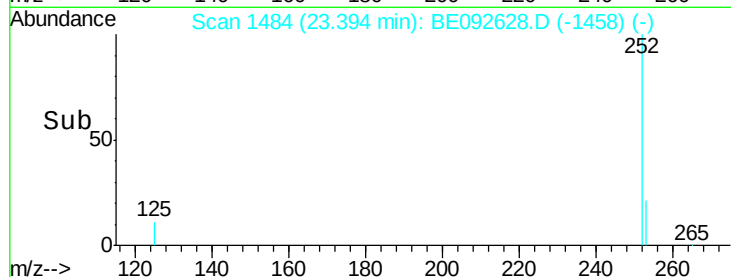
125 12.4 9.6 14.4



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: 0.38 ng

RT: 23.96 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

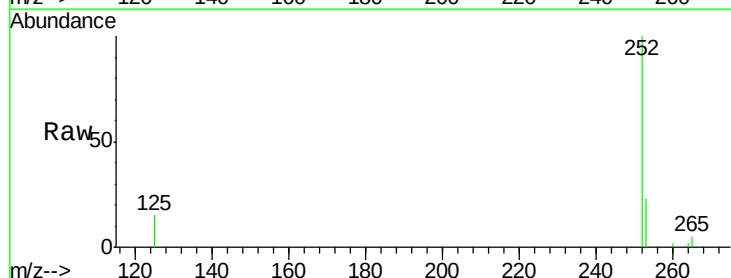
Tgt Ion:252 Resp: 6805

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

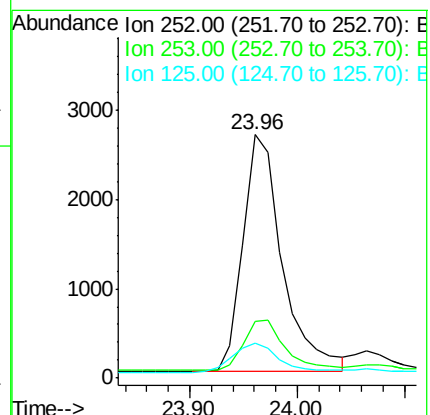
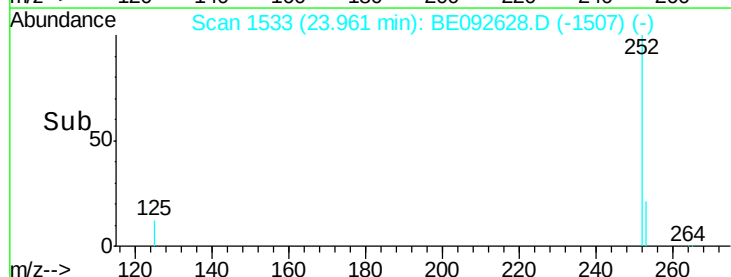
125 14.6 11.8 17.8

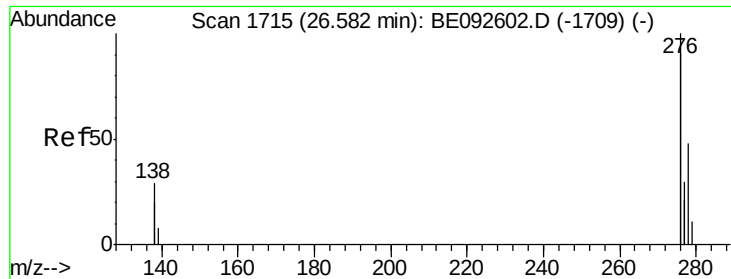


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

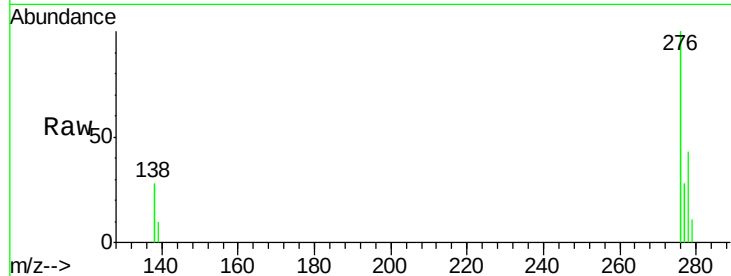
Tgt Ion: 278 Resp: 6127

Ion Ratio Lower Upper

278 100

139 22.9 13.8 20.8#

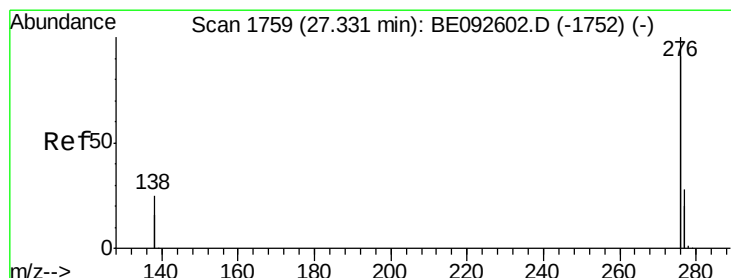
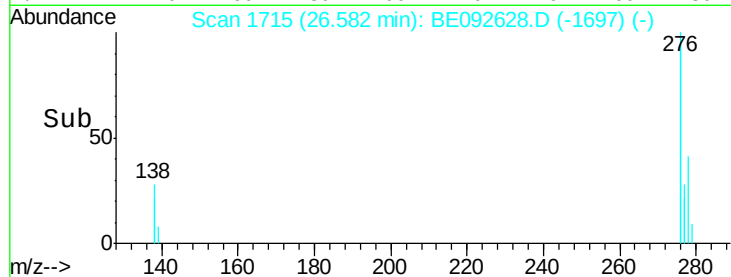
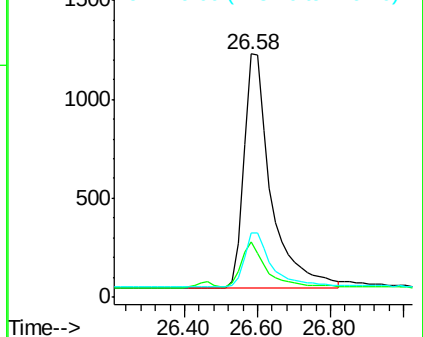
279 26.3 21.4 32.2



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: 0.37 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092628.D

Acq: 27 Dec 2016 19:48

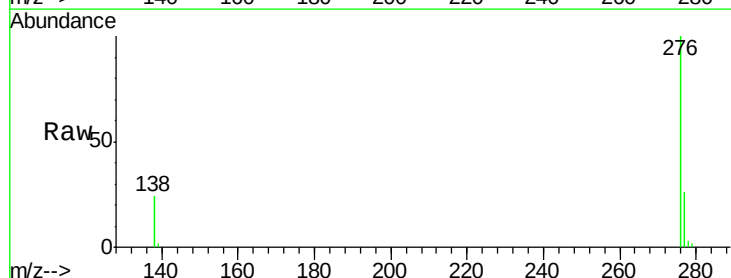
Tgt Ion: 276 Resp: 27273

Ion Ratio Lower Upper

276 100

277 26.2 19.8 29.8

138 24.4 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

