

Data File : BE092968.D
Acq On : 9 May 2017 17:57
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: May 10 02:13:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 02:13:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	695	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2854	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1415	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3238	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3592	0.40	ng	0.00
33) Perylene-d12	23.70	264	3152	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	392	0.24	ng	0.00
5) Phenol-d6	6.94	99	471	0.21	ng	0.00
8) Nitrobenzene-d5	8.90	82	427	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	767	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	62	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1011	0.16	ng	0.00
24) Fluoranthene-d10	19.15	212	1767	0.23	ng	0.00
28) Terphenyl-d14	19.74	244	1035	0.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	313	0.23	ng	96
3) n-Nitrosodimethylamine	3.61	42	223	0.21	ng	# 89
6) bis(2-Chloroethyl)ether	7.20	93	474	0.19	ng	# 98
9) Naphthalene	10.58	128	1546	0.20	ng	95
10) Hexachlorobutadiene	10.89	225	226	0.21	ng	99
12) 2-Methylnaphthalene	12.19	142	831	0.18	ng	97
16) Acenaphthylene	14.10	152	4356	0.19	ng	100
17) Acenaphthene	14.45	154	874	0.20	ng	99
18) Fluorene	15.44	166	1030	0.19	ng	100
20) Hexachlorobenzene	16.46	284	341	0.24	ng	# 100
21) Pentachlorophenol	16.81	266	69	0.24	ng	94
22) Phenanthrene	17.18	178	1968	0.22	ng	98
23) Anthracene	17.27	178	1420	0.20	ng	100
25) Fluoranthene	19.17	202	8646	0.22	ng	# 100
27) Pyrene	19.53	202	9341	0.20	ng	# 100
29) Benzo(a)anthracene	21.27	228	1552	0.18	ng	96
30) Chrysene	21.32	228	2388	0.22	ng	98
31) Bis(2-ethylhexyl)phthalate	21.20	149	714	0.28	ng	98
32) Indeno(1,2,3-cd)pyrene	26.24	276	8056	0.21	ng	99
34) Benzo(b)fluoranthene	23.01	252	1521	0.15	ng	92
35) Benzo(k)fluoranthene	23.01	252	1800	0.17	ng	# 93
36) Benzo(a)pyrene	23.58	252	1734	0.20	ng	# 91
37) Dibenzo(a,h)anthracene	26.27	278	1700	0.18	ng	93
38) Benzo(g,h,i)perylene	27.00	276	7739	0.19	ng	94

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

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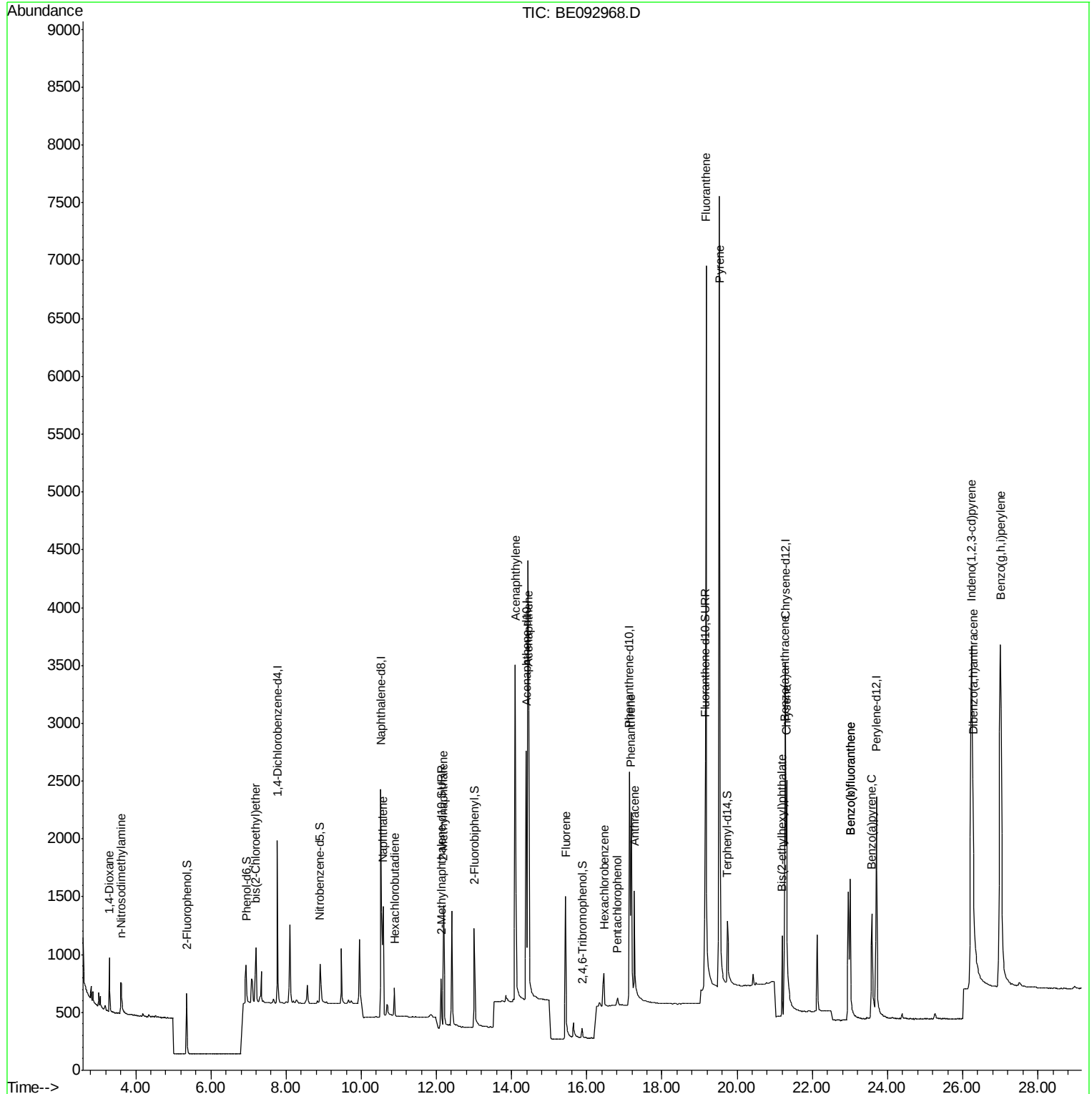
Quant Time: May 10 02:13:53 2017

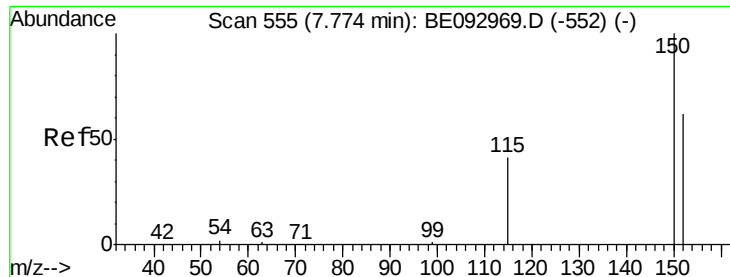
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M

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QLast Update : Wed May 10 02:13:43 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

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Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

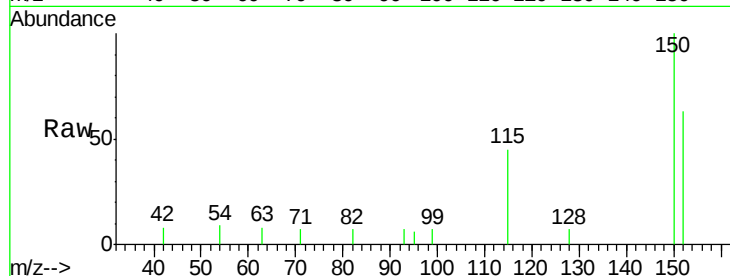
Tgt Ion: 152 Resp: 695

Ion Ratio Lower Upper

152 100

150 158.1 125.1 187.7

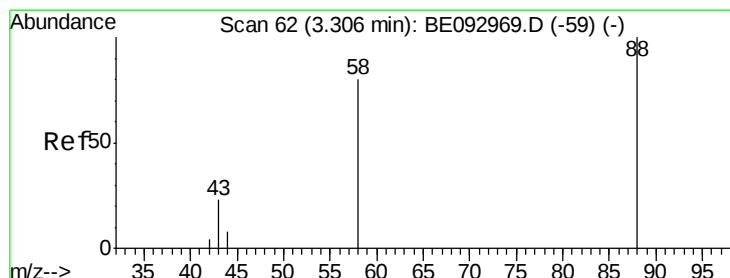
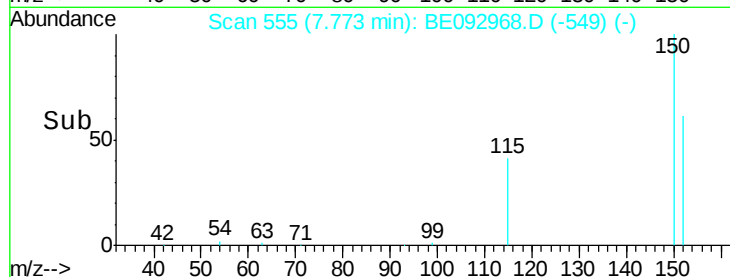
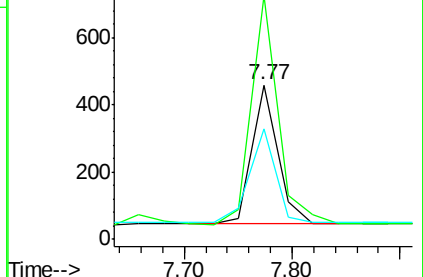
115 71.6 55.7 83.5



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: 0.23 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

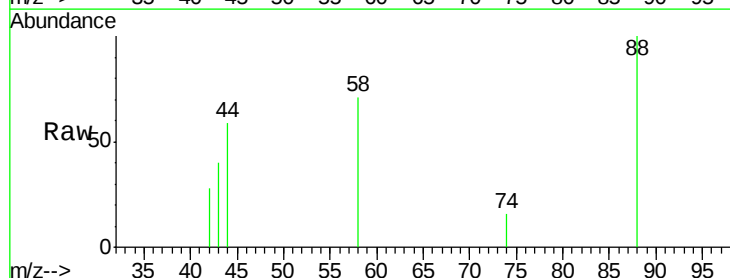
Tgt Ion: 88 Resp: 313

Ion Ratio Lower Upper

88 100

58 73.2 62.2 93.4

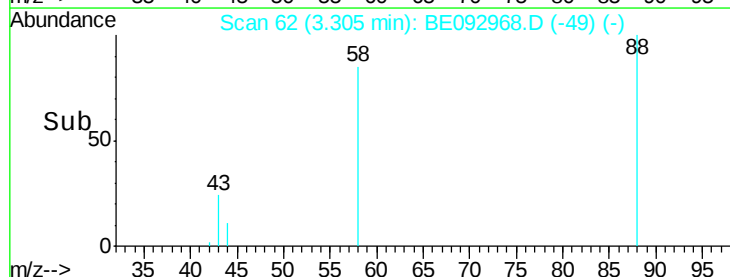
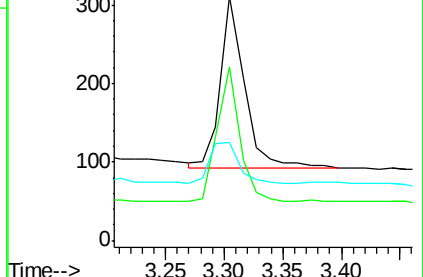
43 29.4 23.2 34.8

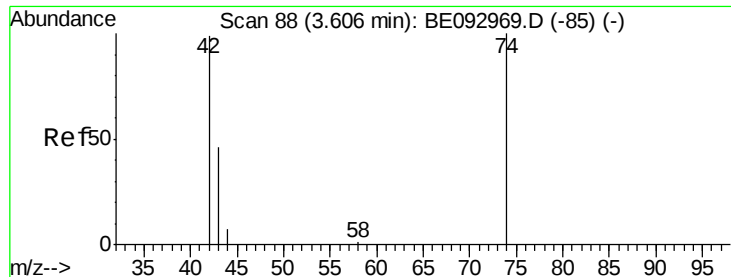


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

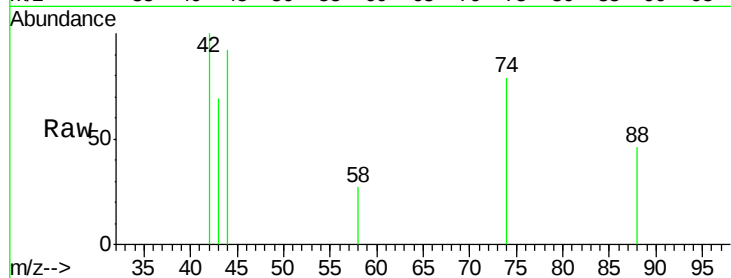
Tgt Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

74 136.3 99.1 148.7

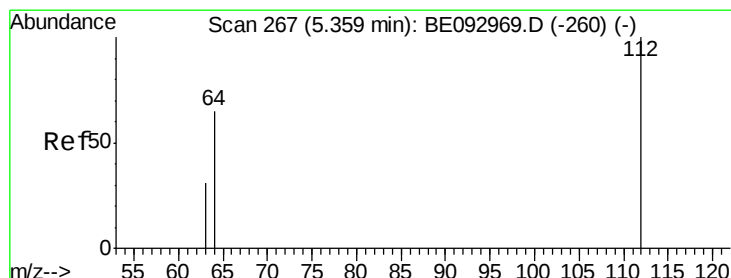
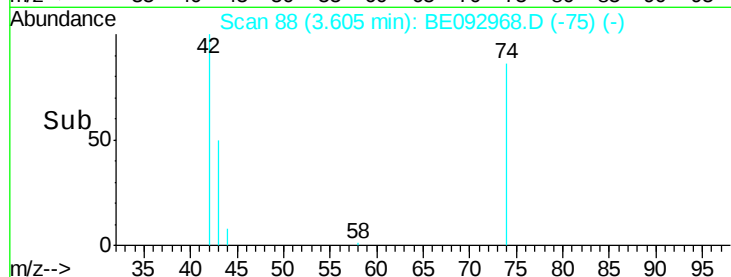
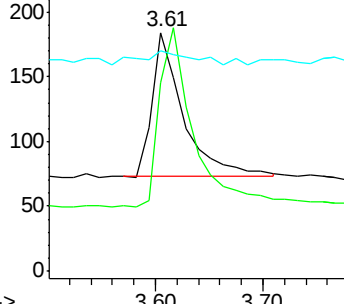
44 15.7 7.4 11.2#



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: 0.24 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

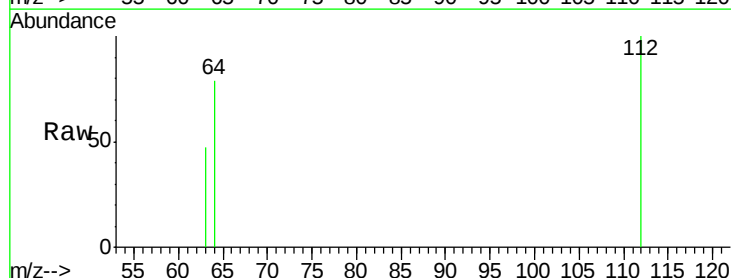
Tgt Ion: 112 Resp: 392

Ion Ratio Lower Upper

112 100

64 73.7 56.4 84.6

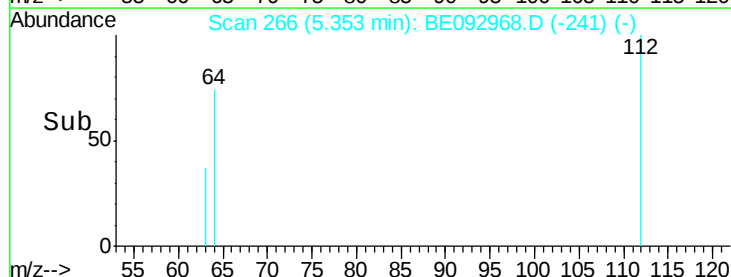
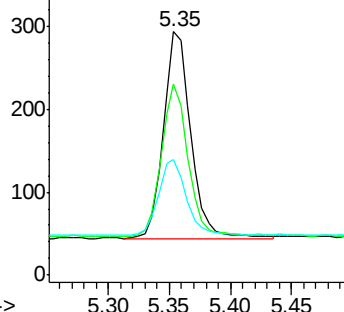
63 37.2 29.3 43.9

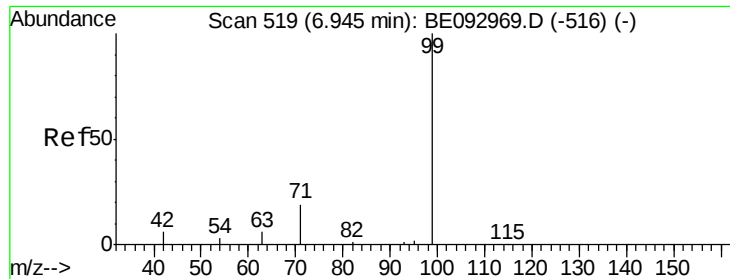


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.21 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

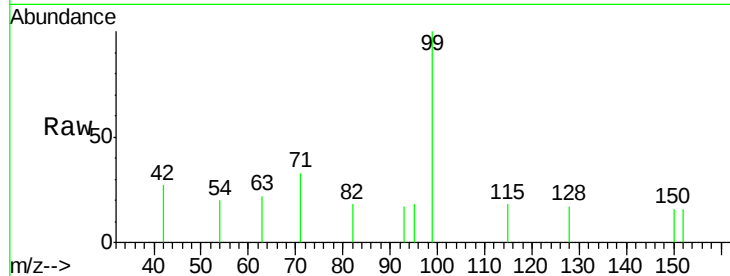
Tgt Ion: 99 Resp: 471

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

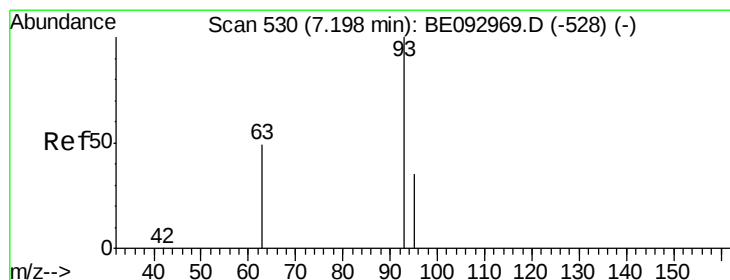
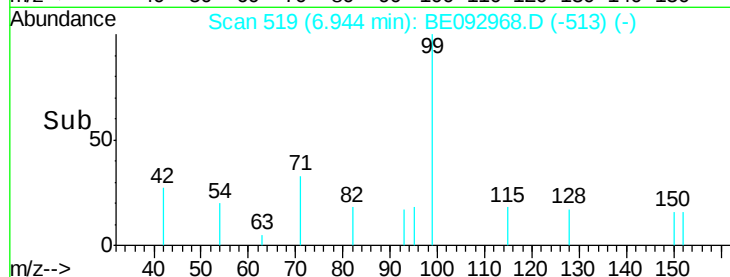
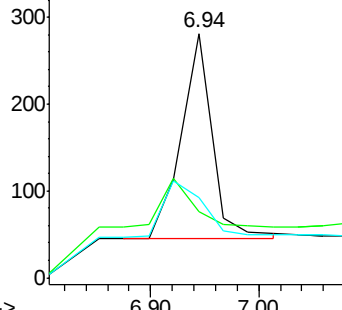
71 0.0 0.0 0.0



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: 0.19 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

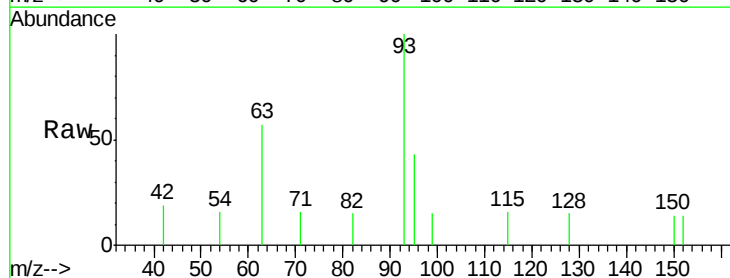
Tgt Ion: 93 Resp: 474

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

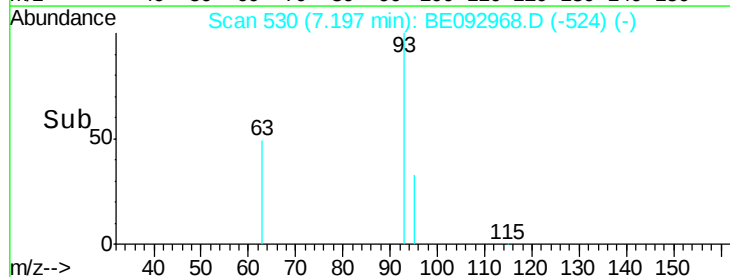
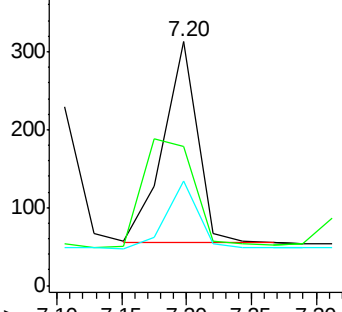
95 30.6 25.4 38.0

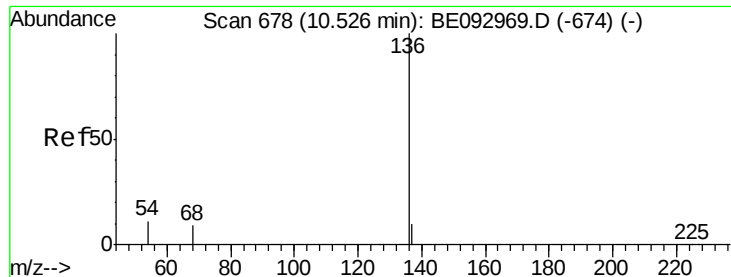


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion: 136 Resp: 2854

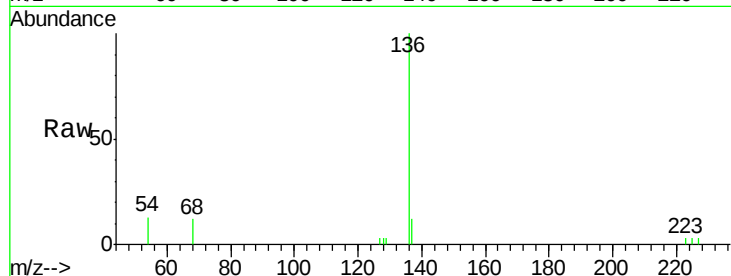
Ion Ratio Lower Upper

136 100

137 12.5 9.8 14.8

54 13.5 10.3 15.5

68 11.8 9.0 13.4

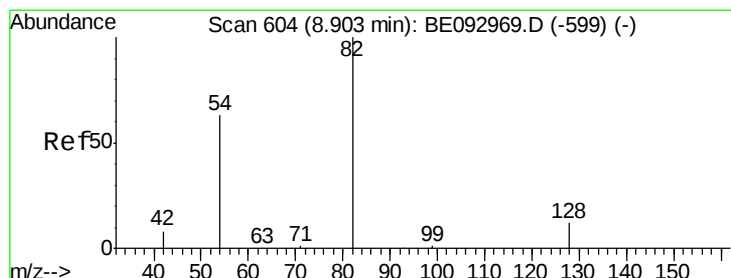
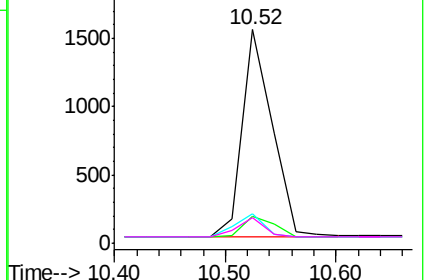
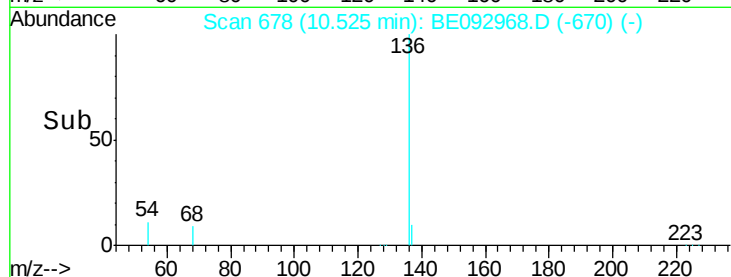


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.22 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

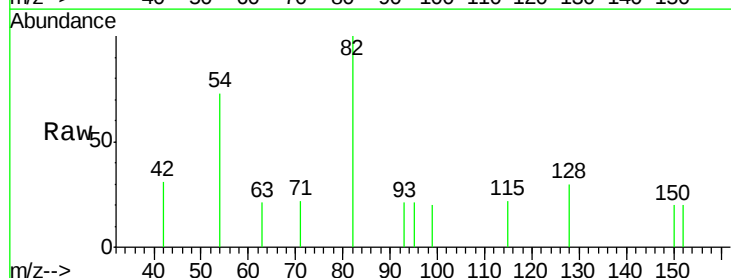
Tgt Ion: 82 Resp: 427

Ion Ratio Lower Upper

82 100

128 29.7 17.0 25.4#

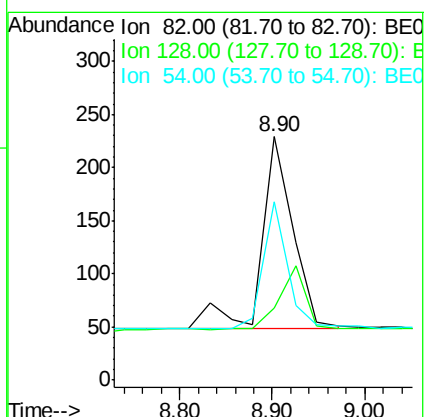
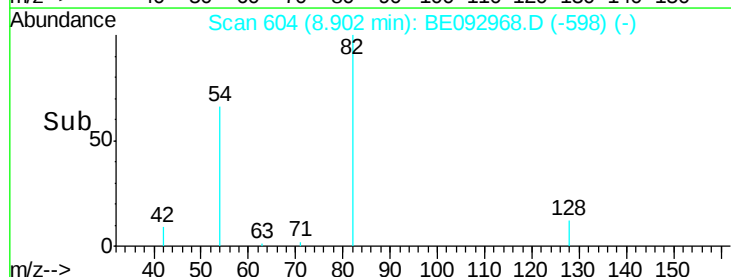
54 73.4 53.8 80.6

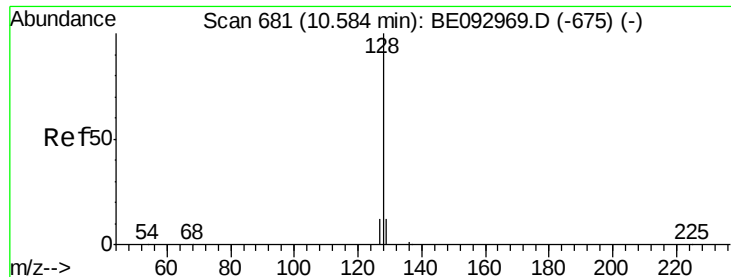


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.20 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

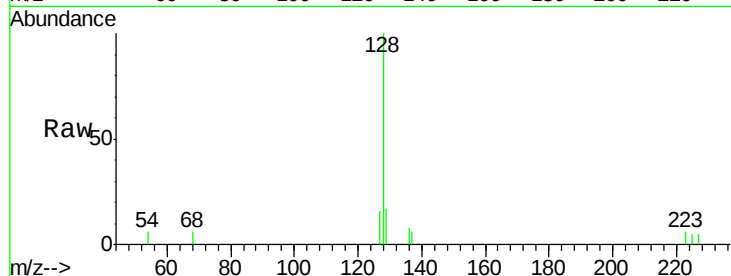
Tgt Ion:128 Resp: 1546

Ion Ratio Lower Upper

128 100

129 16.6 11.4 17.0

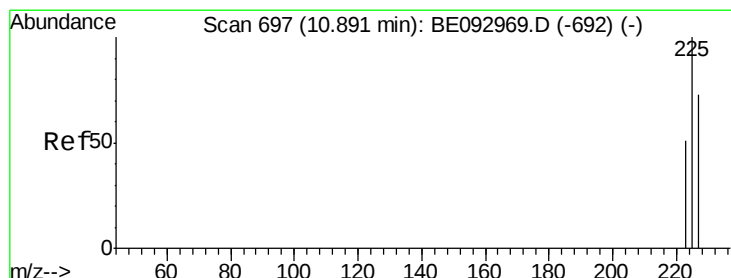
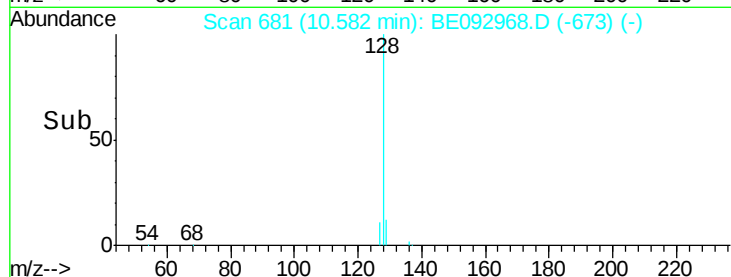
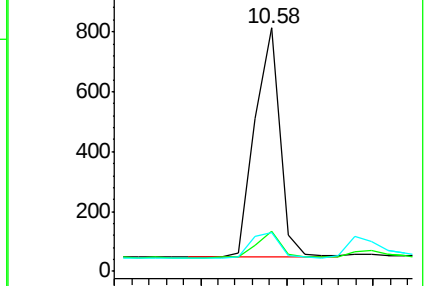
127 16.0 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.21 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

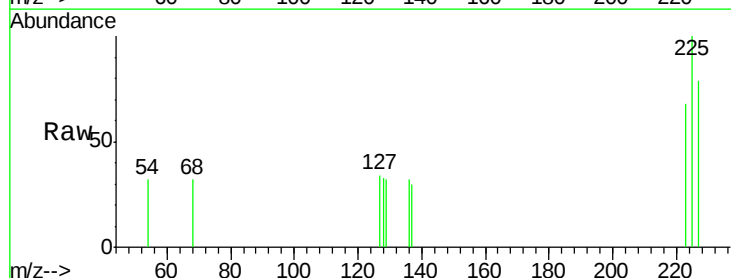
Tgt Ion:225 Resp: 226

Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

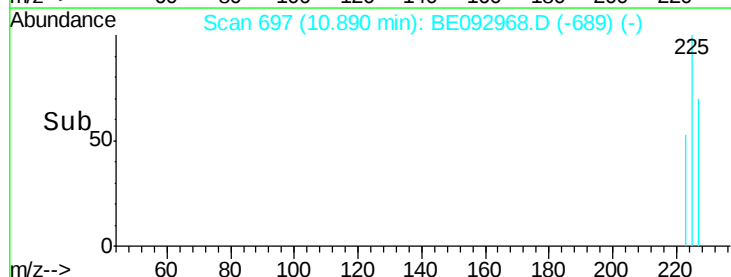
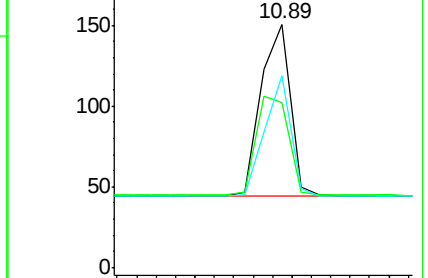
227 61.9 50.3 75.5

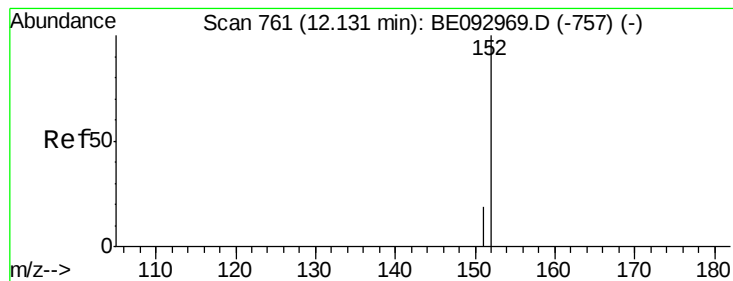


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.18 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

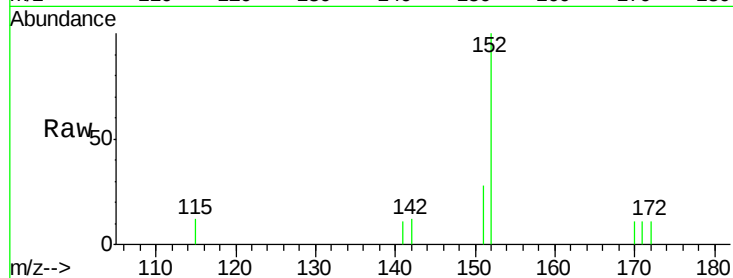
SSTDIC0.2

Tgt Ion:152 Resp: 767

Ion Ratio Lower Upper

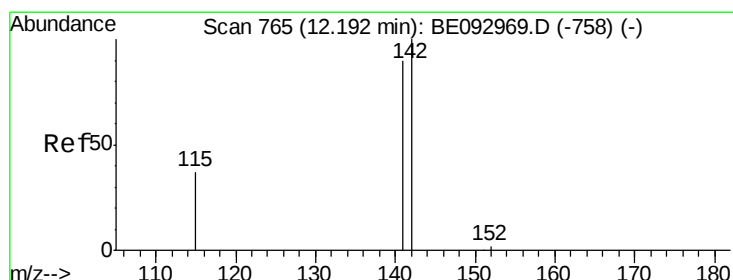
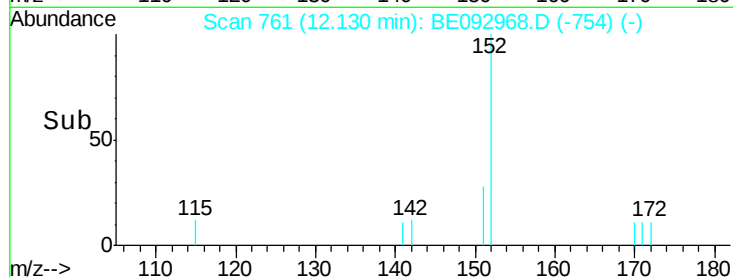
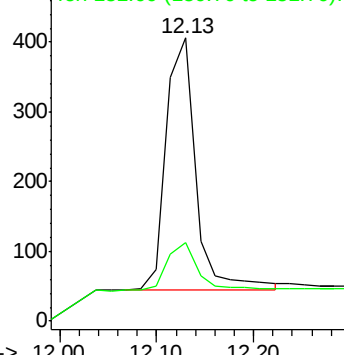
152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.18 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

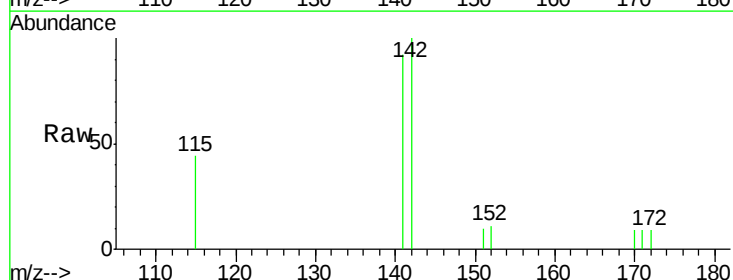
Tgt Ion:142 Resp: 831

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8

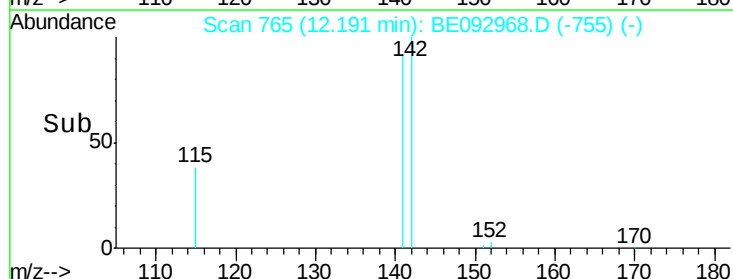
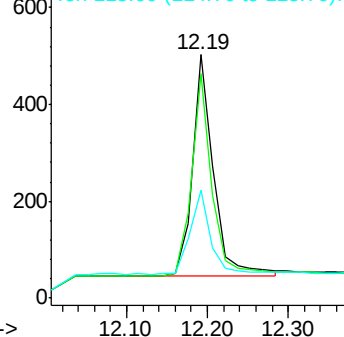
115 44.3 32.2 48.2

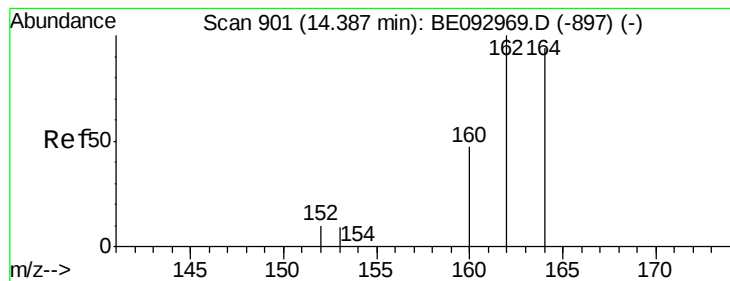


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

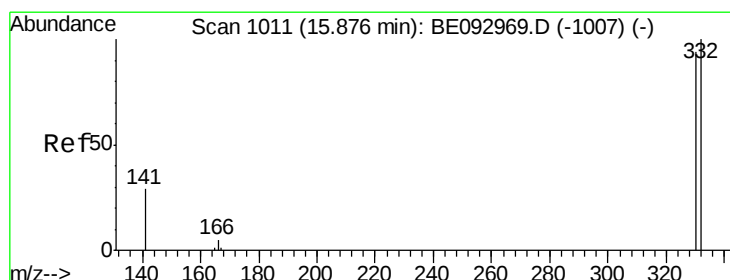
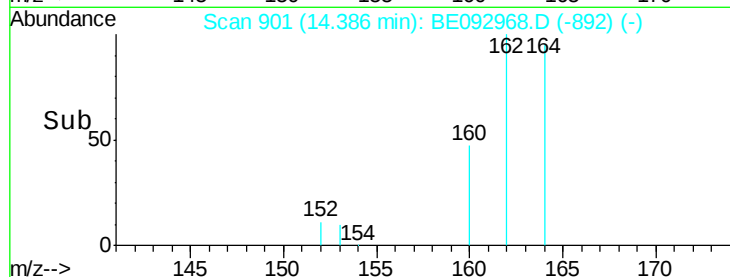
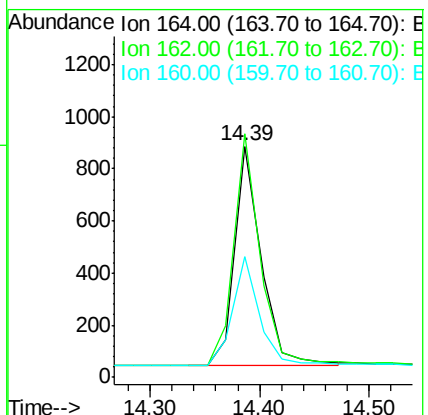
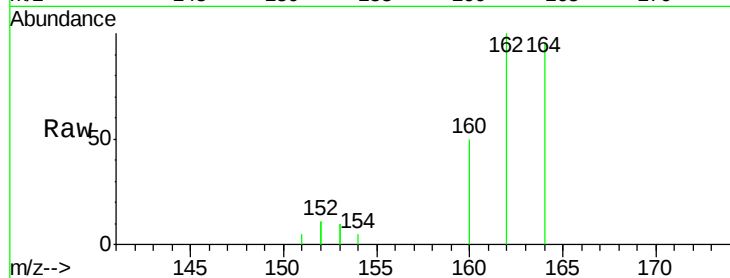
Tgt Ion:164 Resp: 1415

Ion Ratio Lower Upper

164 100

162 105.2 84.6 127.0

160 52.4 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.26 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

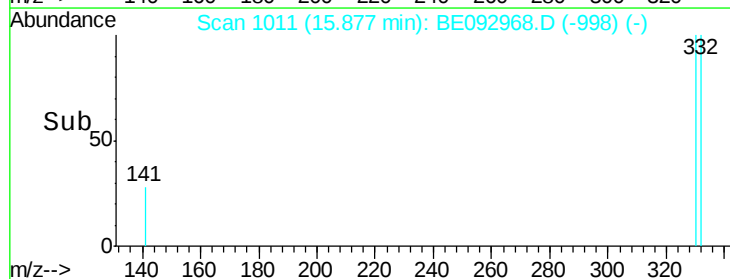
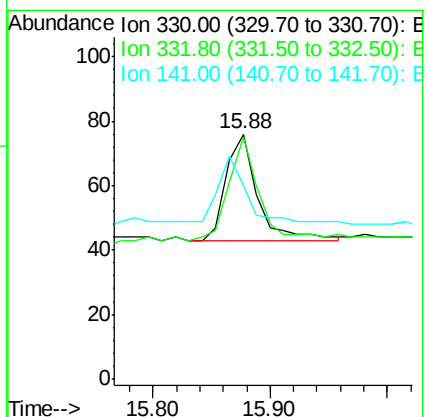
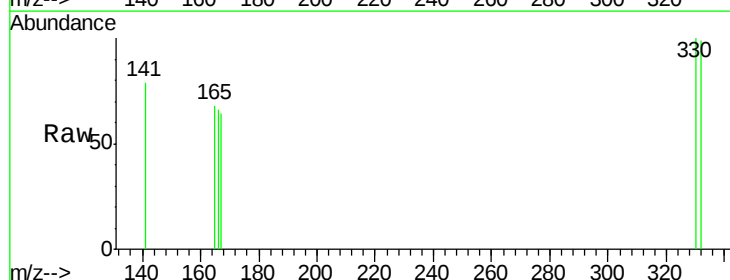
Tgt Ion:330 Resp: 62

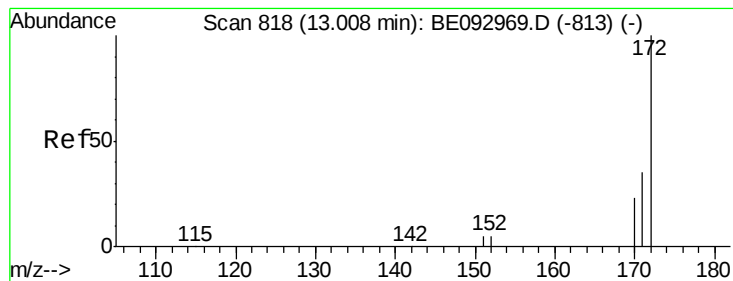
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 61.3 56.2 84.4





#15

2-Fluorobiphenyl

Concen: 0.16 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

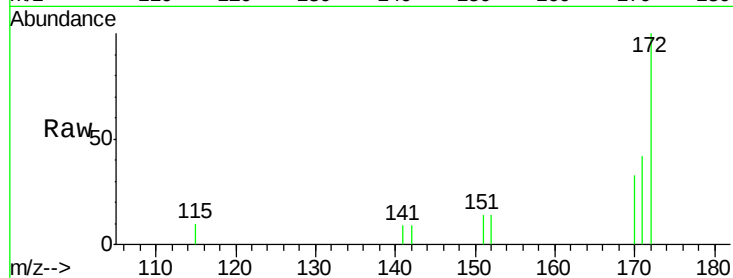
Tgt Ion:172 Resp: 1011

Ion Ratio Lower Upper

172 100

171 42.0 29.8 44.6

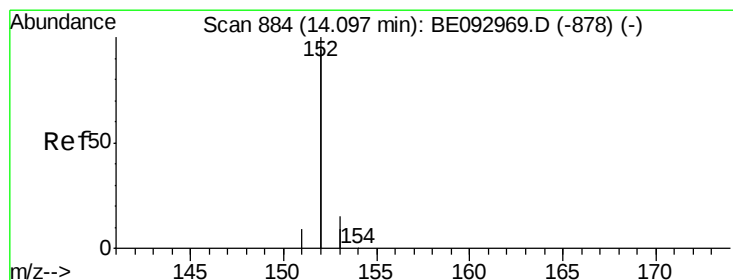
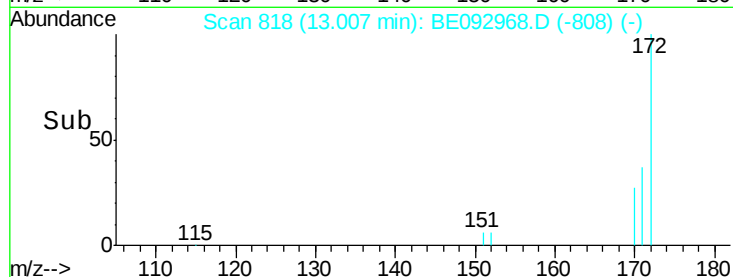
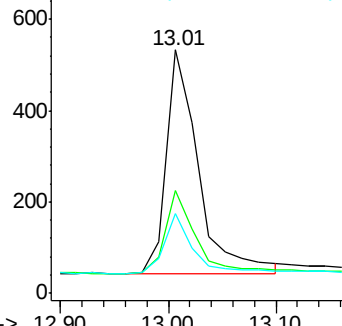
170 32.6 20.7 31.1#



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



#16

Acenaphthylene

Concen: 0.19 ng

RT: 14.10 min Scan# 884

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

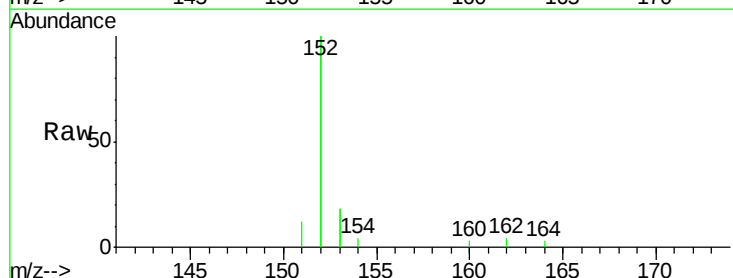
Tgt Ion:152 Resp: 4356

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

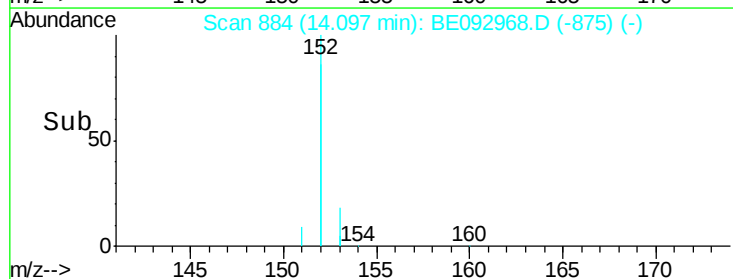
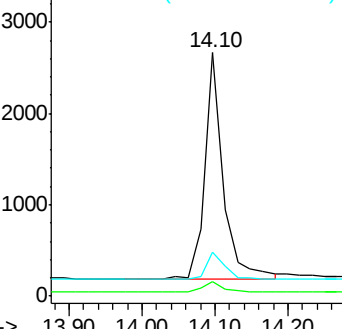
153 12.9 10.3 15.5

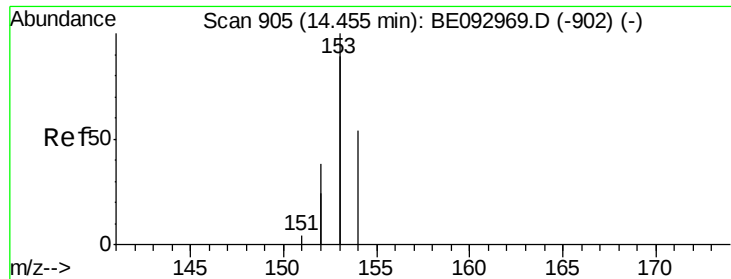


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

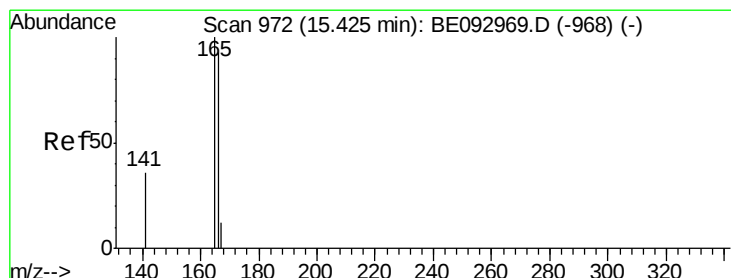
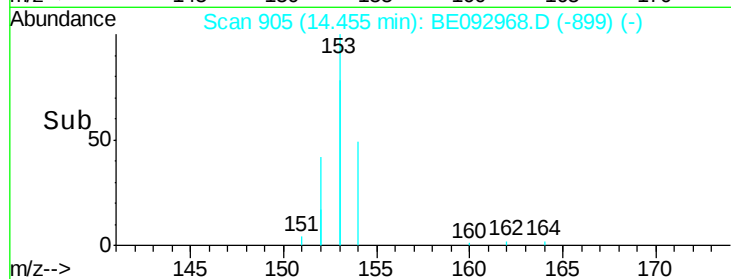
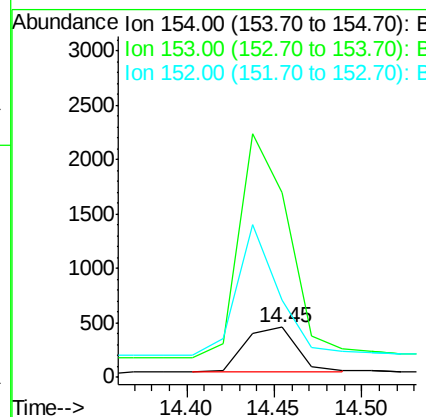
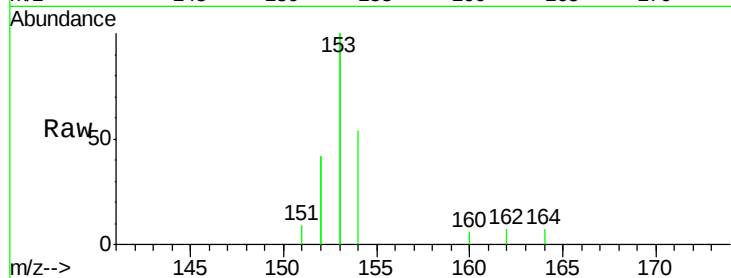




#17
Acenaphthene
Concen: 0.20 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

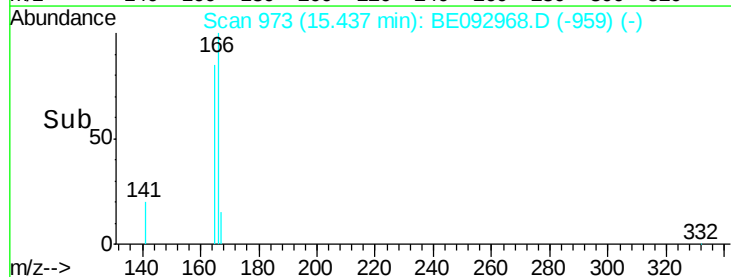
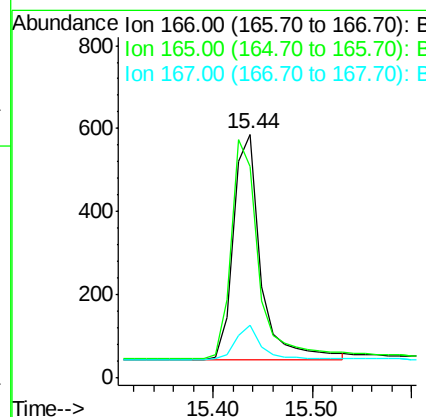
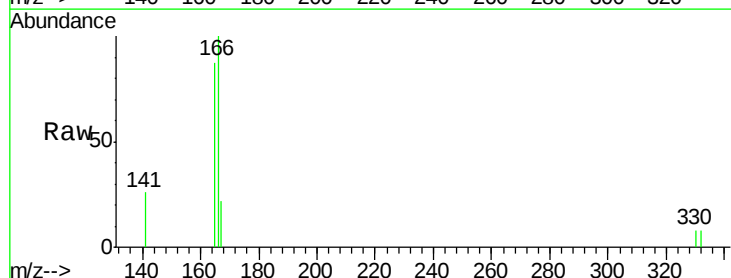
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

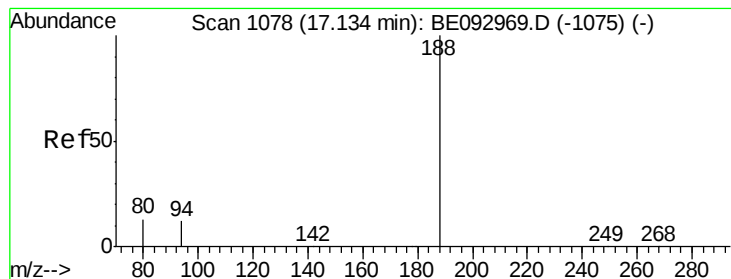
Tgt Ion:154 Resp: 874
Ion Ratio Lower Upper
154 100
153 462.8 367.8 551.6
152 232.0 188.2 282.2



#18
Fluorene
Concen: 0.19 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:166 Resp: 1030
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 14.5 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

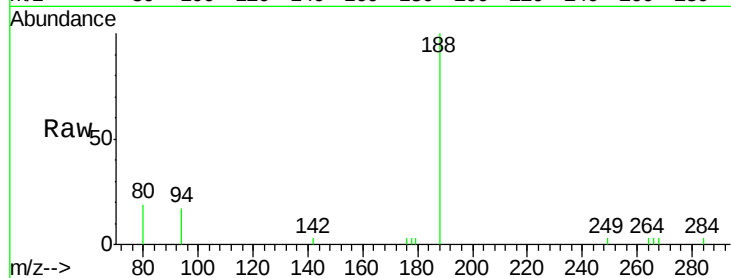
Tgt Ion:188 Resp: 3238

Ion Ratio Lower Upper

188 100

94 17.5 11.3 16.9#

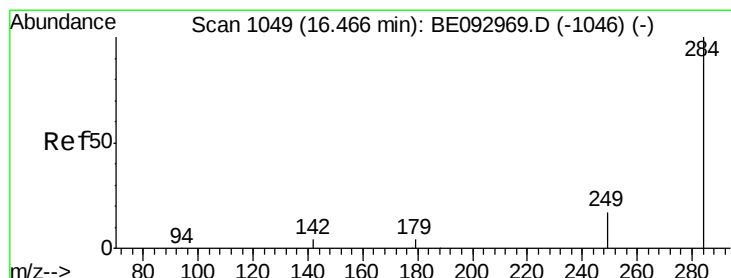
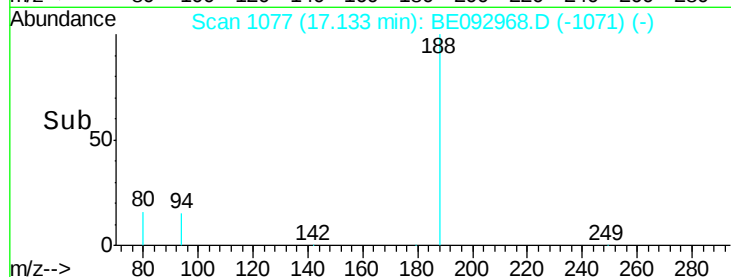
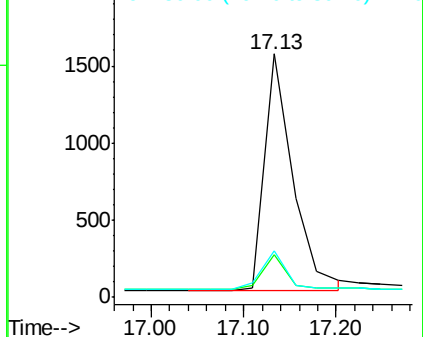
80 19.1 11.7 17.5#



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



#20

Hexachlorobenzene

Concen: 0.24 ng

RT: 16.46 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

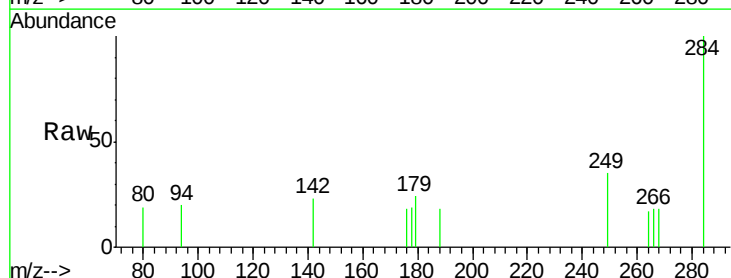
Tgt Ion:284 Resp: 341

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

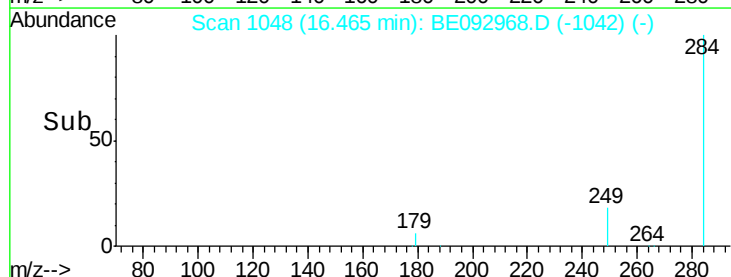
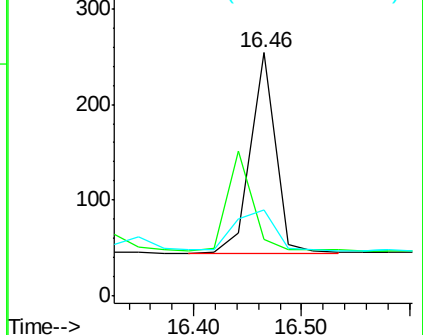
249 32.6 0.0 0.0#

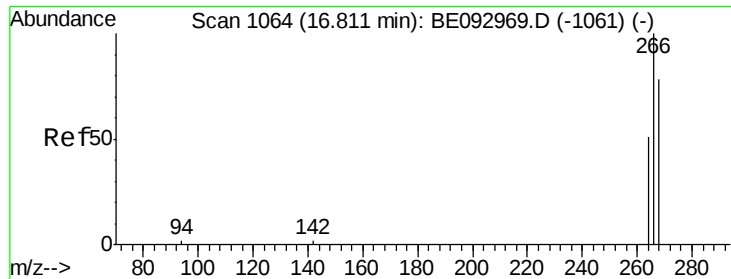


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

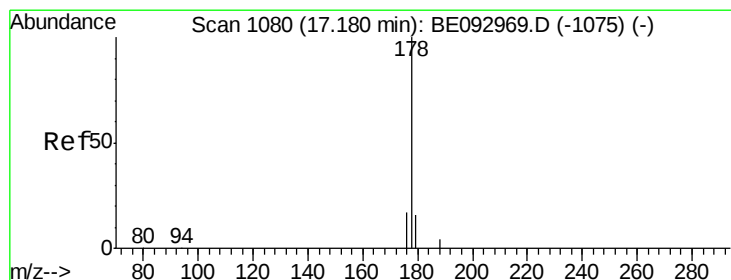
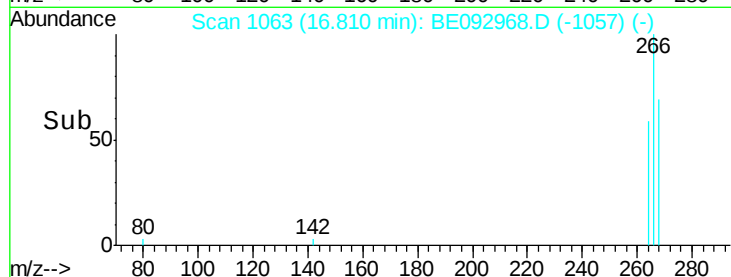
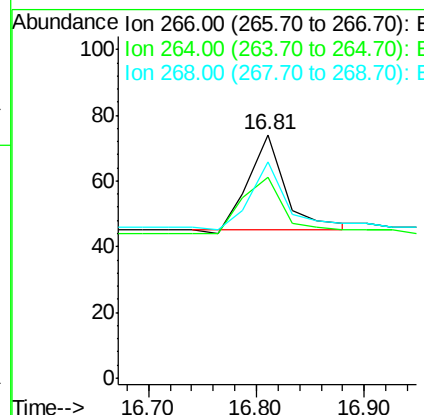
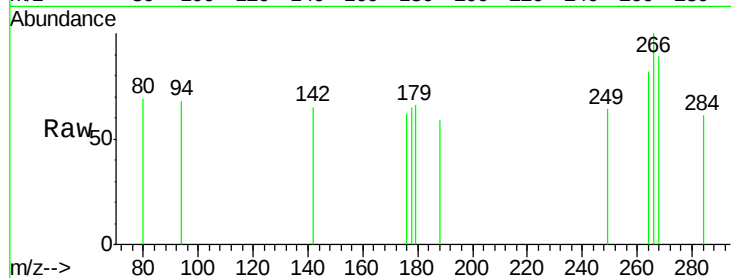




#21
 Pentachlorophenol
 Concen: 0.24 ng
 RT: 16.81 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BE092968.D
 Acq: 9 May 2017 17:57

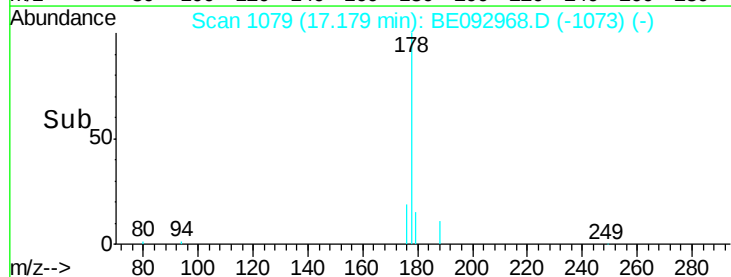
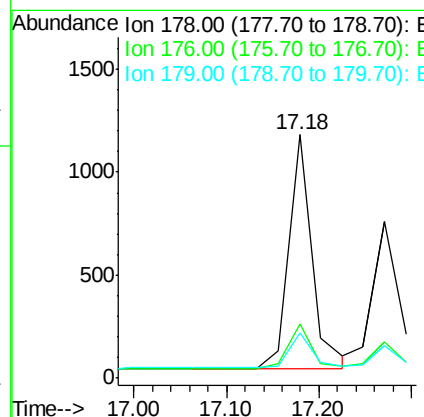
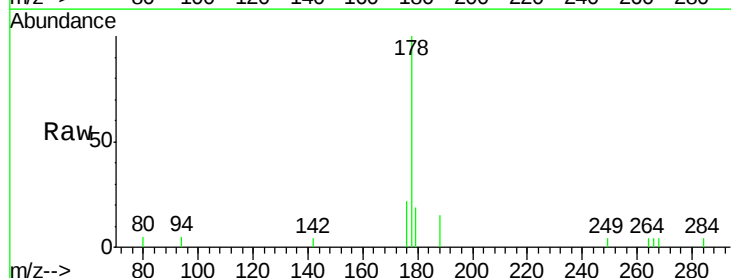
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

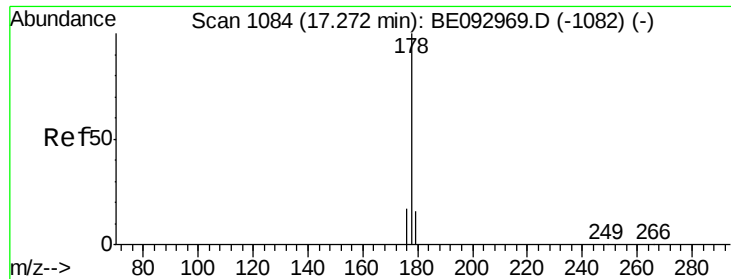
Tgt Ion: 266 Resp: 69
 Ion Ratio Lower Upper
 266 100
 264 82.4 58.2 87.2
 268 89.2 71.9 107.9



#22
 Phenanthrene
 Concen: 0.22 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BE092968.D
 Acq: 9 May 2017 17:57

Tgt Ion: 178 Resp: 1968
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.0 22.4
 179 15.2 12.7 19.1





#23

Anthracene

Concen: 0.20 ng

RT: 17.27 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

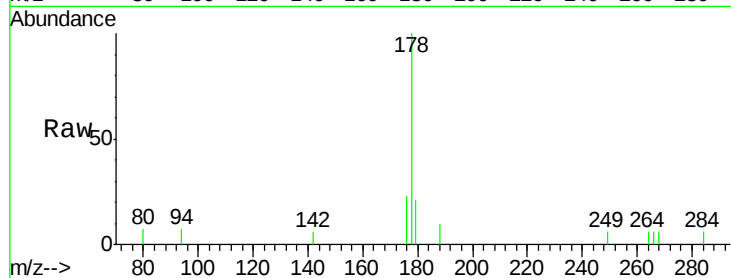
Tgt Ion:178 Resp: 1420

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

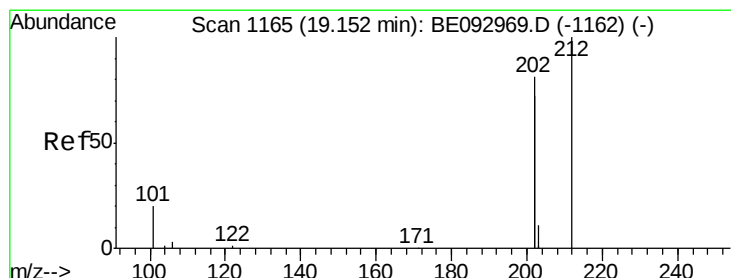
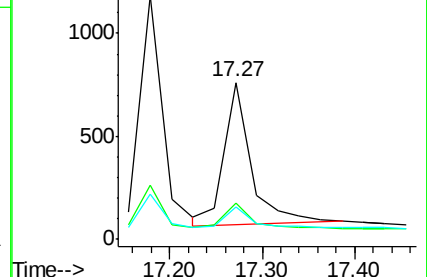
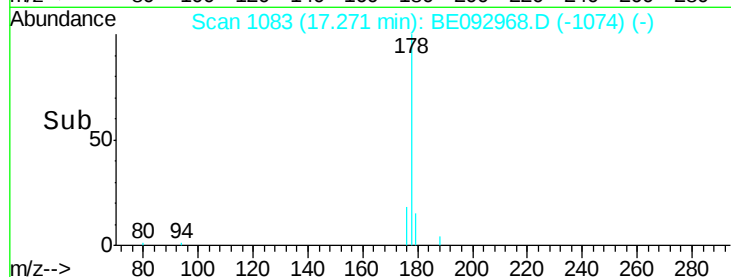
179 14.7 12.0 18.0



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



#24

Fluoranthene-d10

Concen: 0.23 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

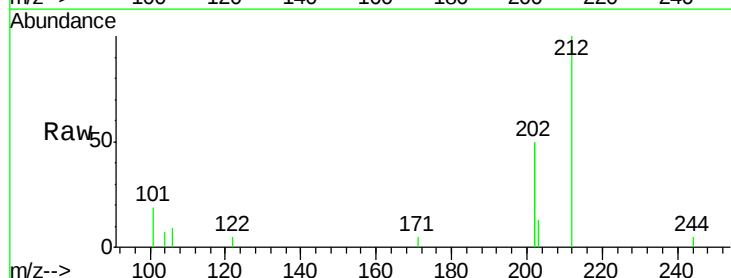
Tgt Ion:212 Resp: 1767

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

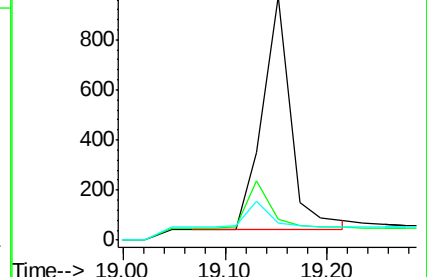
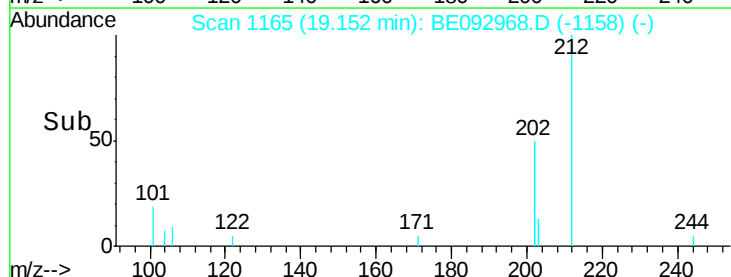
104 0.0 0.0 0.0

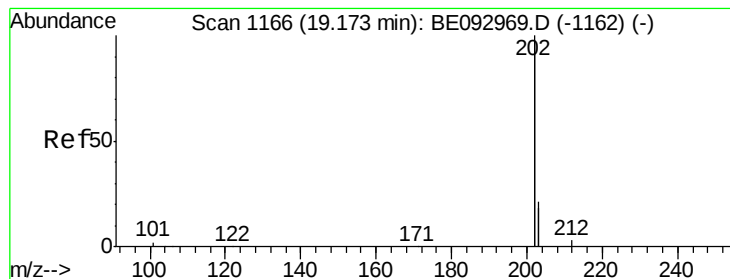


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.22 ng

RT: 19.17 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

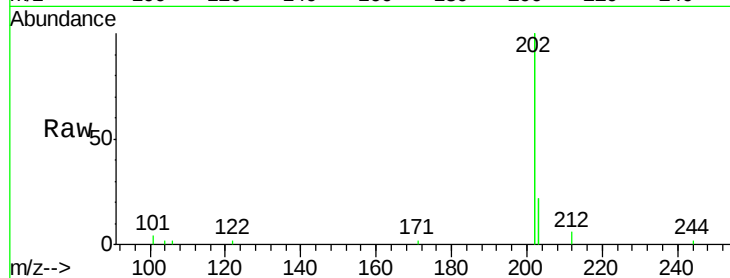
Tgt Ion:202 Resp: 8646

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

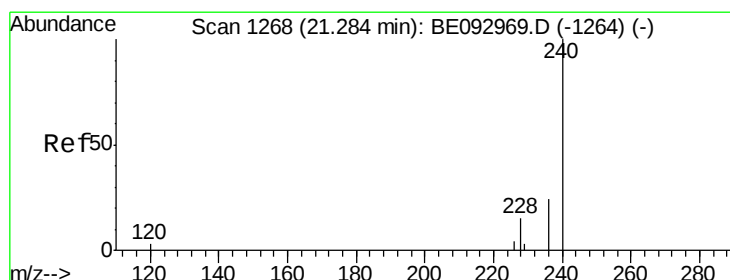
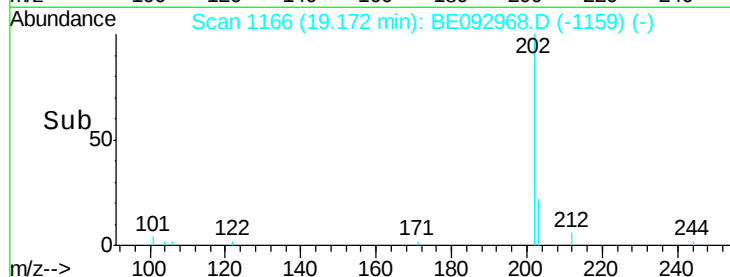
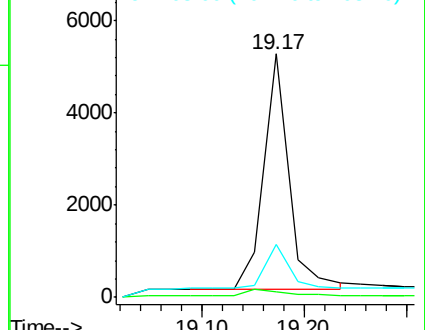
203 17.8 14.4 21.6



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

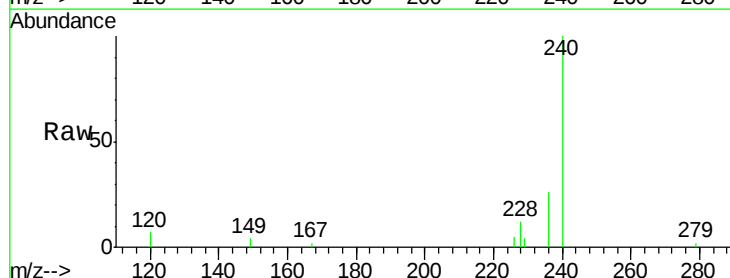
Tgt Ion:240 Resp: 3592

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

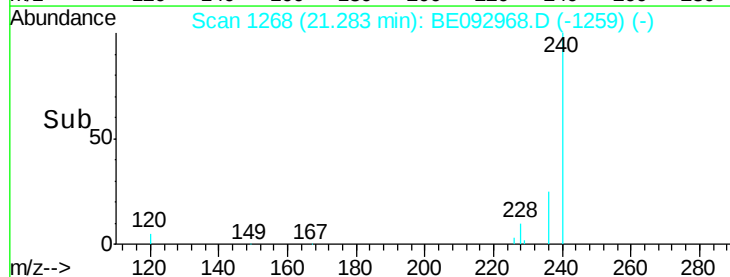
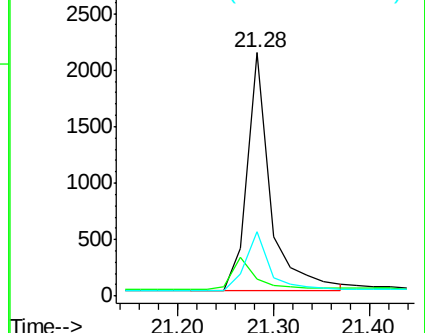
236 26.3 20.8 31.2

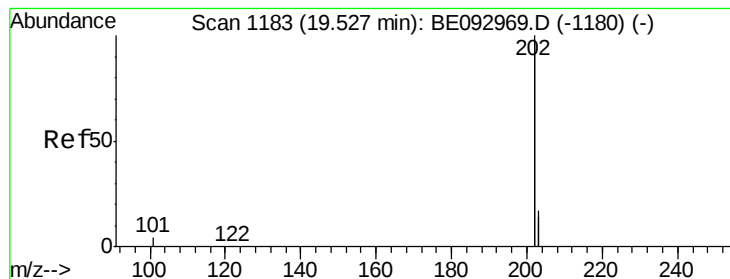


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 0.20 ng

RT: 19.53 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

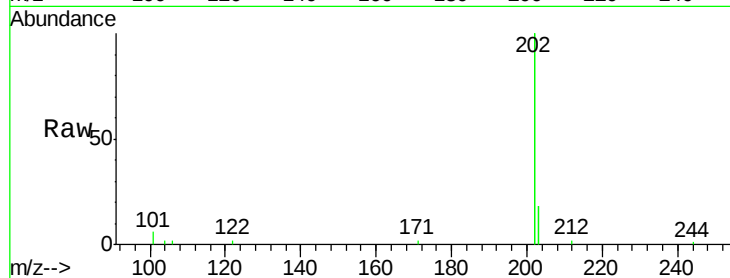
Tgt Ion:202 Resp: 9341

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

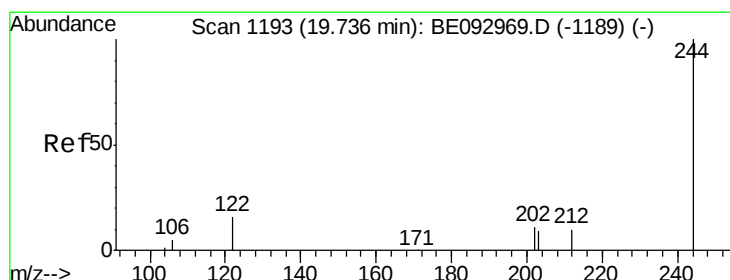
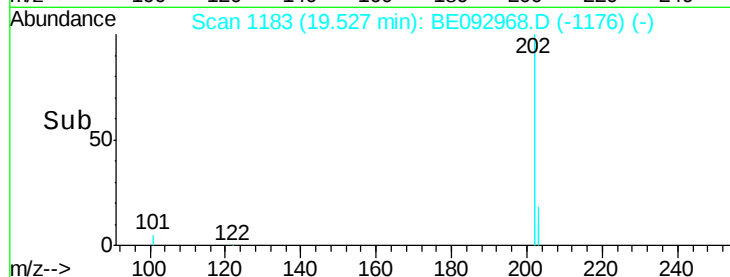
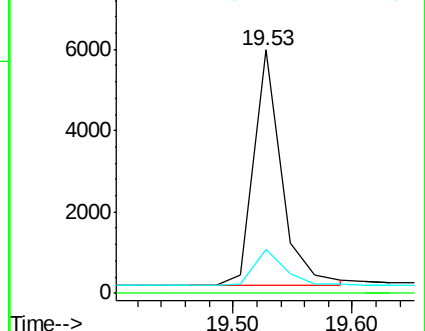
203 17.0 13.7 20.5



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



#28

Terphenyl-d14

Concen: 0.17 ng

RT: 19.74 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

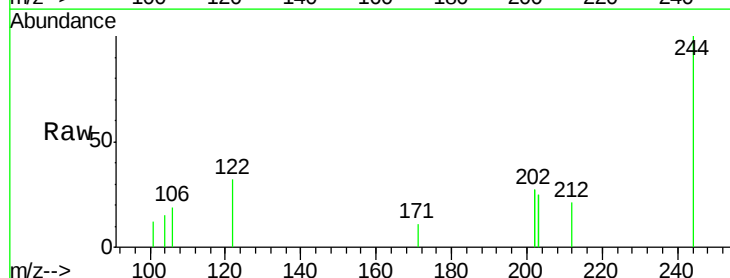
Tgt Ion:244 Resp: 1035

Ion Ratio Lower Upper

244 100

212 21.0 10.6 16.0#

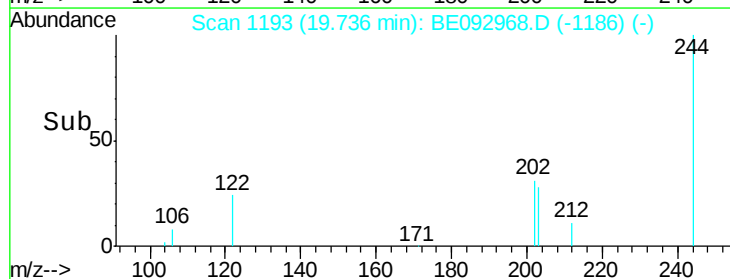
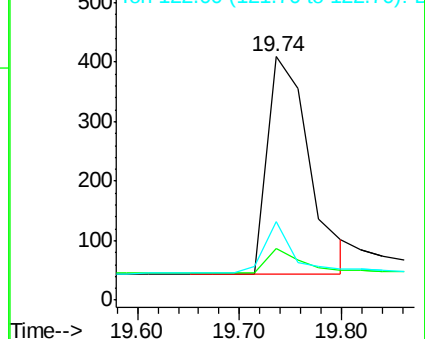
122 32.3 15.4 23.0#

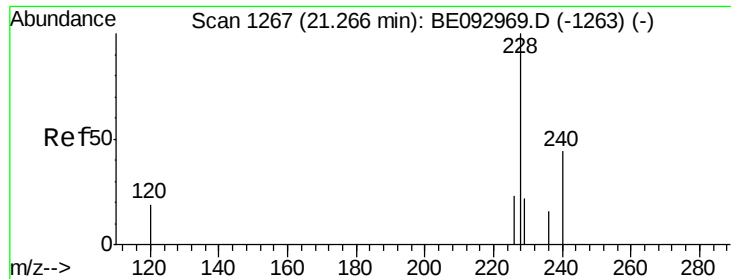


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.18 ng

RT: 21.27 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

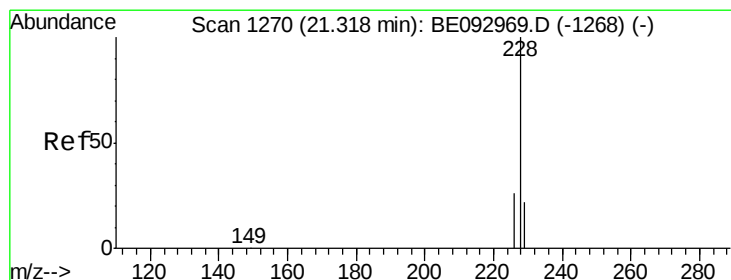
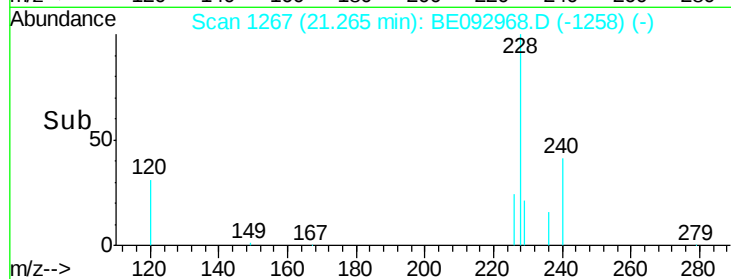
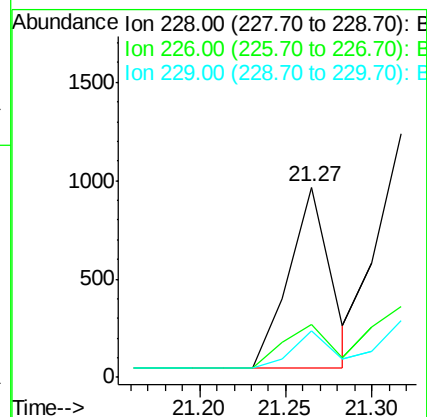
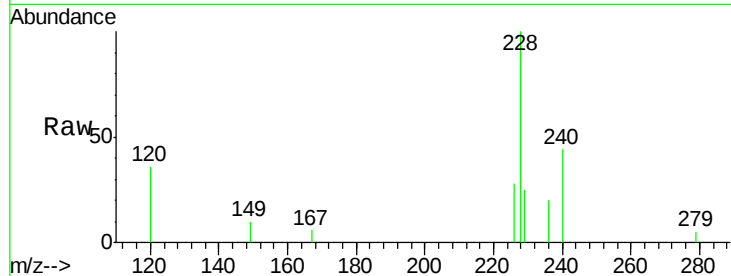
Tgt Ion:228 Resp: 1552

Ion Ratio Lower Upper

228 100

226 27.8 19.7 29.5

229 24.6 19.2 28.8



#30

Chrysene

Concen: 0.22 ng

RT: 21.32 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

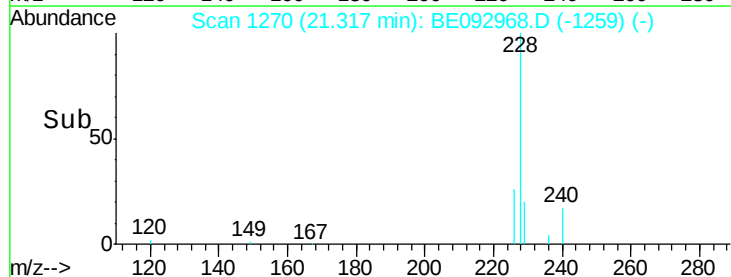
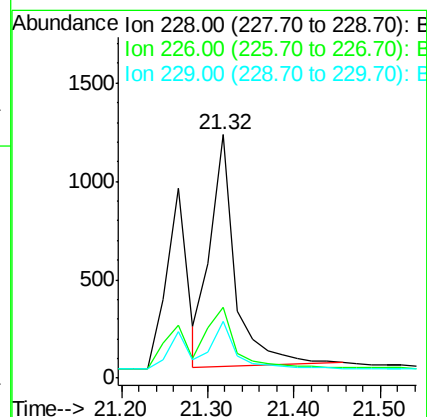
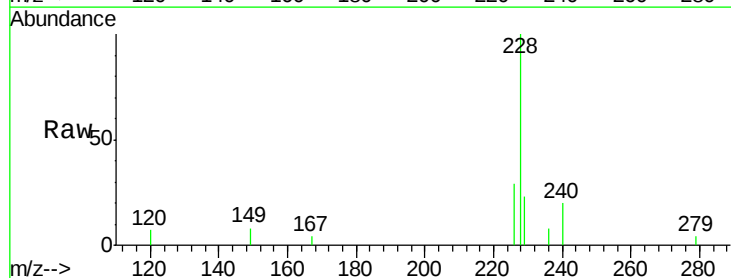
Tgt Ion:228 Resp: 2388

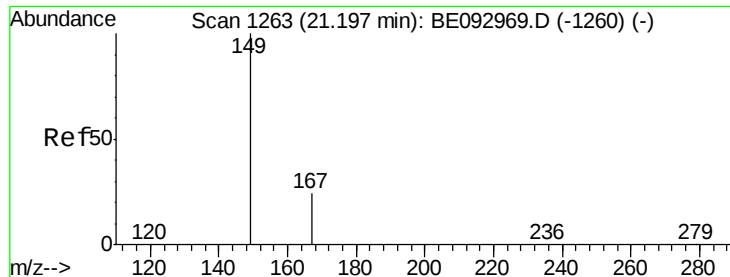
Ion Ratio Lower Upper

228 100

226 29.2 21.5 32.3

229 23.3 18.6 28.0





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.20 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

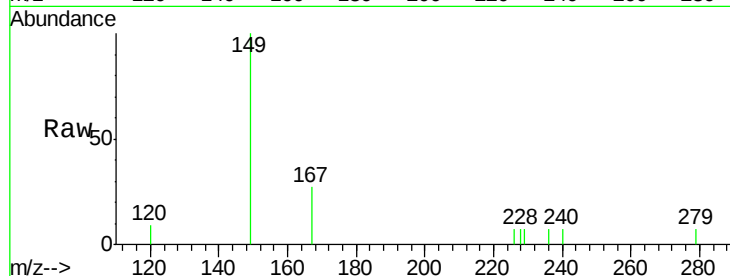
Tgt Ion:149 Resp: 714

Ion Ratio Lower Upper

149 100

167 23.8 20.1 30.1

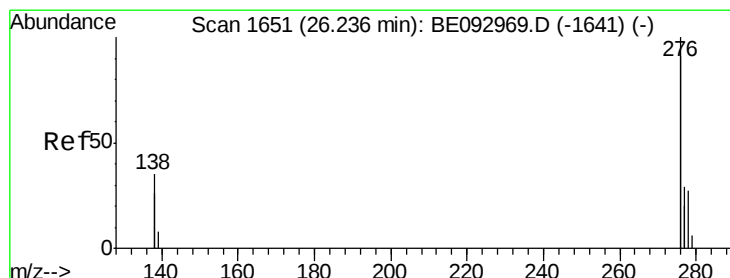
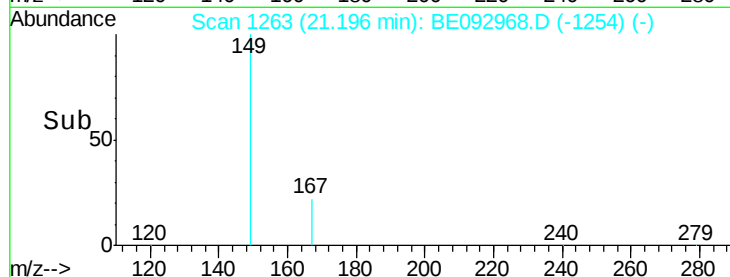
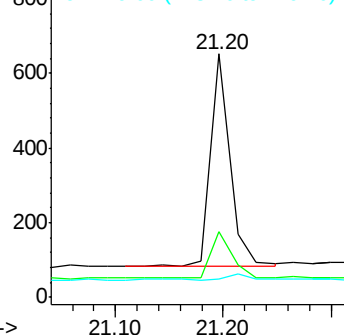
279 3.2 2.2 3.4



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



#32

Indeno(1,2,3-cd)pyrene

Concen: 0.21 ng

RT: 26.24 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

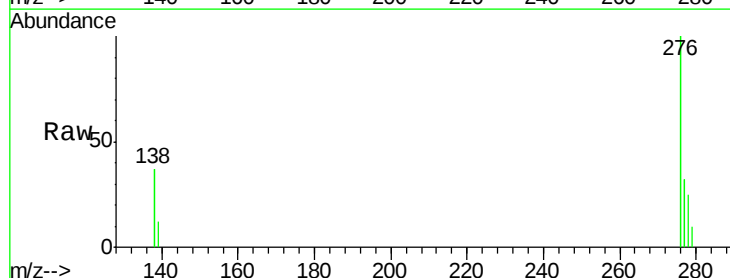
Tgt Ion:276 Resp: 8056

Ion Ratio Lower Upper

276 100

138 33.5 27.4 41.2

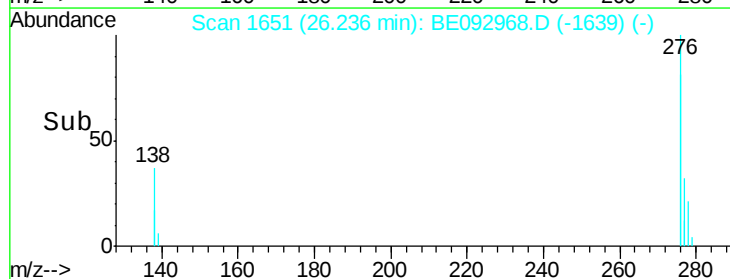
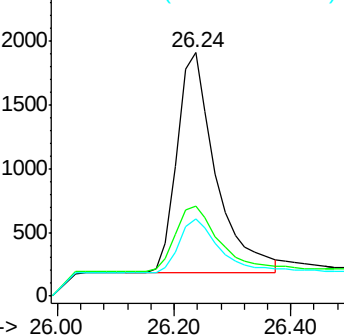
277 25.1 20.1 30.1

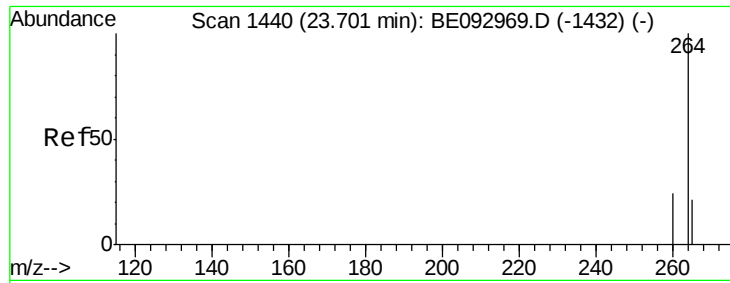


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

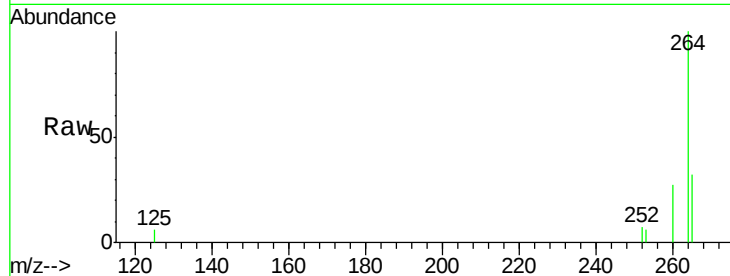
Tgt Ion: 264 Resp: 3152

Ion Ratio Lower Upper

264 100

260 27.1 21.0 31.4

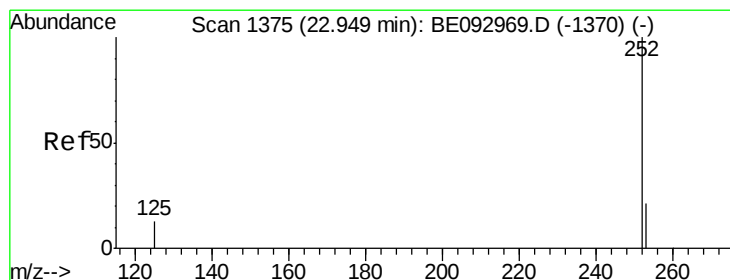
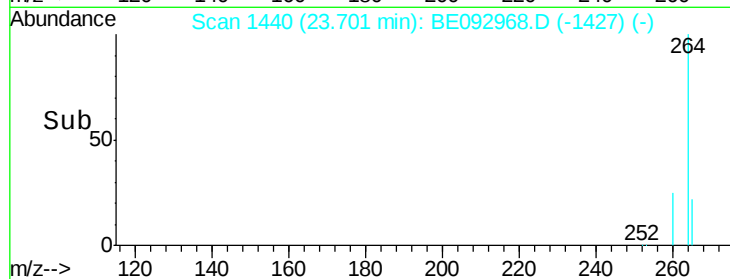
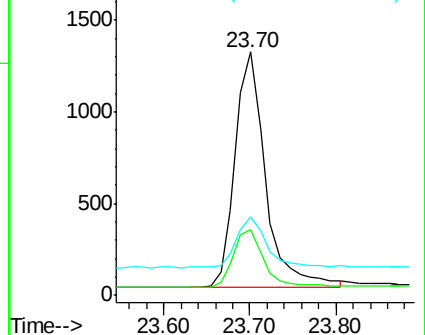
265 32.5 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#34

Benzo(b)fluoranthene

Concen: 0.15 ng

RT: 23.01 min Scan# 1380

Delta R.T. 0.06 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

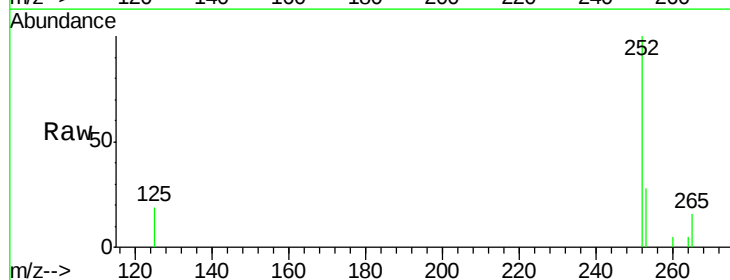
Tgt Ion: 252 Resp: 1521

Ion Ratio Lower Upper

252 100

253 27.7 18.5 27.7

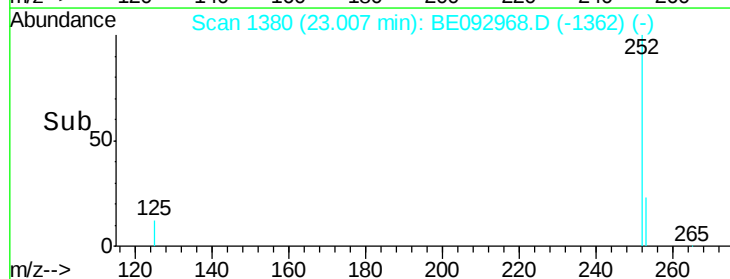
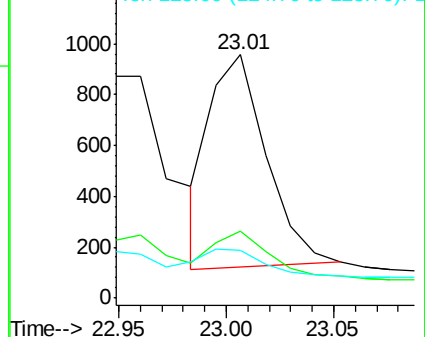
125 19.4 13.4 20.0

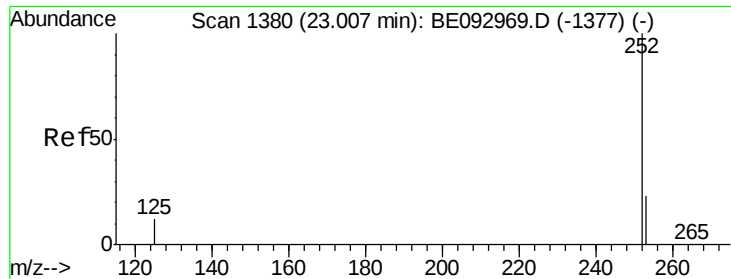


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 23.01 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

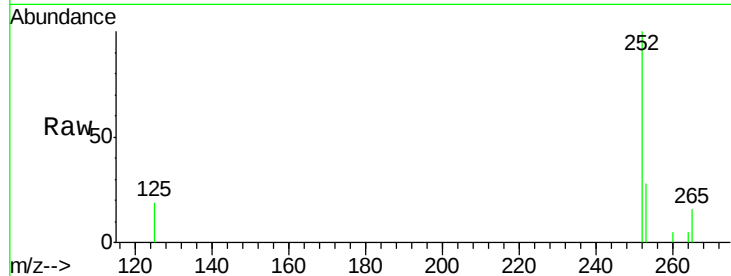
Tgt Ion:252 Resp: 1800

Ion Ratio Lower Upper

252 100

253 27.7 20.3 30.5

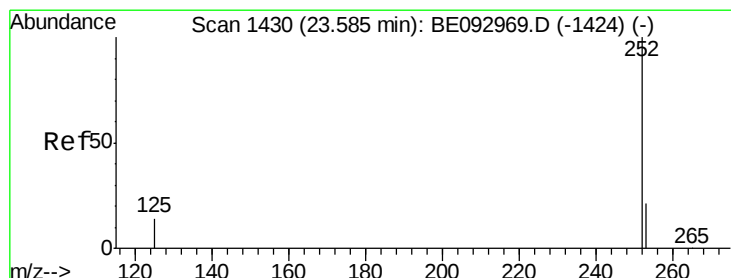
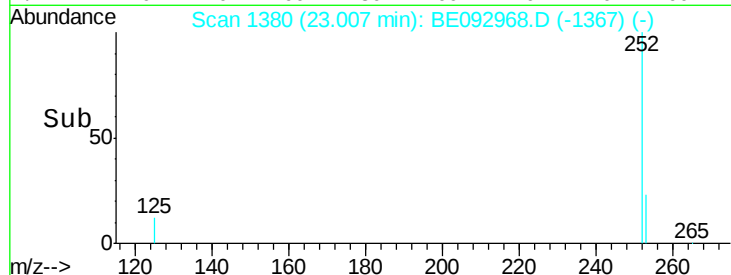
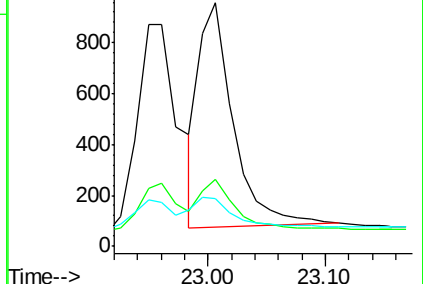
125 19.4 12.2 18.4#



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



#36

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.58 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

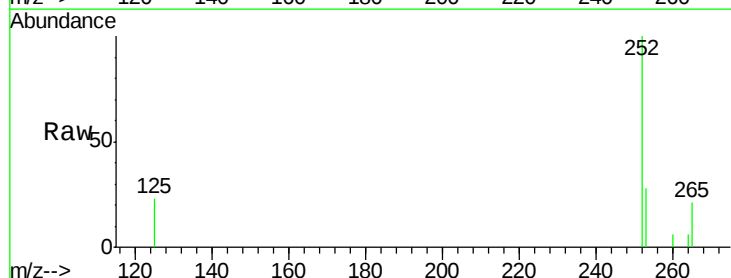
Tgt Ion:252 Resp: 1734

Ion Ratio Lower Upper

252 100

253 28.5 19.9 29.9

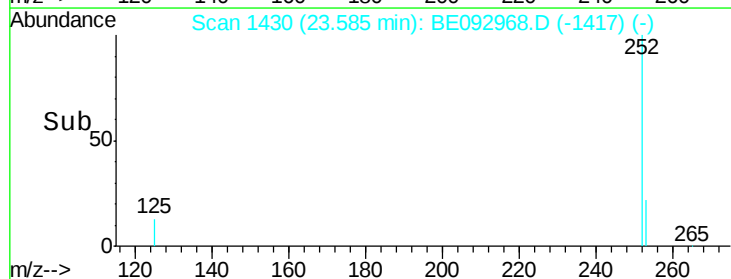
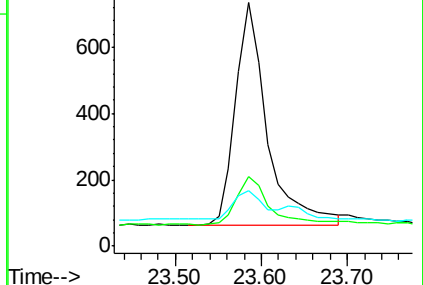
125 23.0 14.6 21.8#

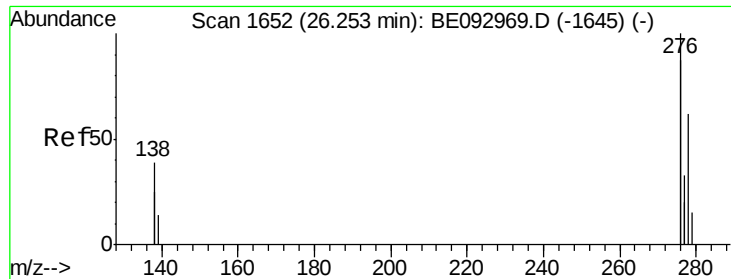


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 0.18 ng

RT: 26.27 min Scan# 1653

Delta R.T. 0.02 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

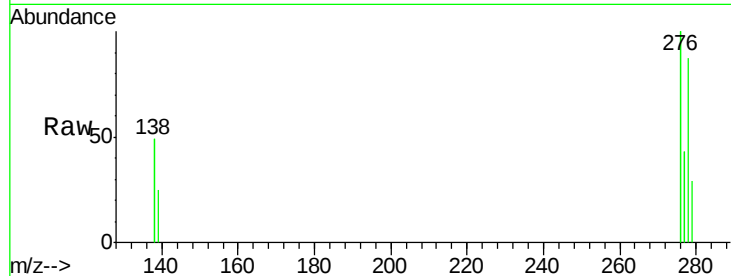
Tgt Ion: 278 Resp: 1700

Ion Ratio Lower Upper

278 100

139 28.8 21.4 32.0

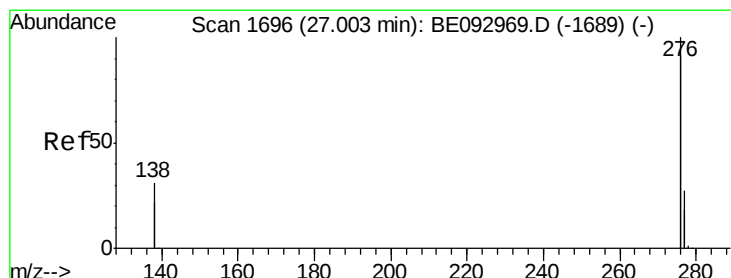
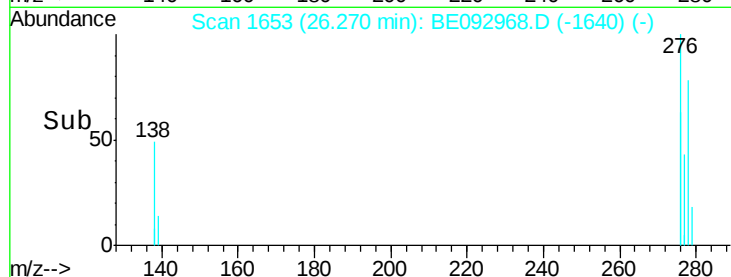
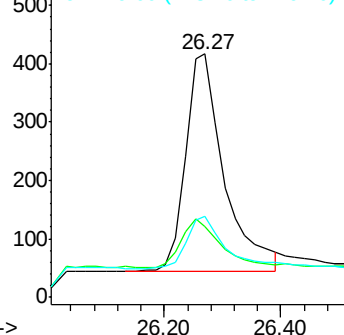
279 33.1 22.2 33.2



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



#38

Benzo(g,h,i)perylene

Concen: 0.19 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BE092968.D

Acq: 9 May 2017 17:57

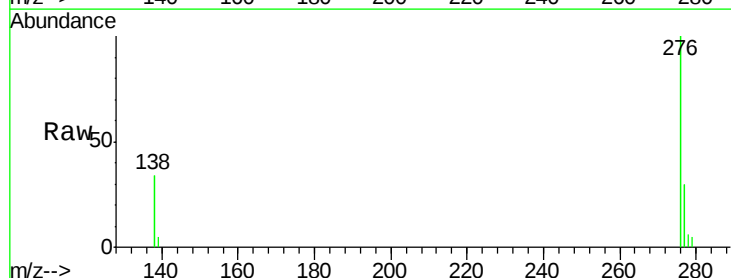
Tgt Ion: 276 Resp: 7739

Ion Ratio Lower Upper

276 100

277 29.6 21.2 31.8

138 34.3 24.5 36.7



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

