

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE092993.D
 Acq On : 11 May 2017 13:13
 Operator : SJ/MA
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: May 11 14:14:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:12:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	768	0.40	ng	-0.00
7) Naphthalene-d8	10.52	136	3281	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1656	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4393	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4489	0.40	ng	0.00
34) Perylene-d12	23.70	264	3473	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	3414	1.62	ng	0.00
5) Phenol-d6	6.92	99	4545	1.75	ng	-0.02
8) Nitrobenzene-d5	8.88	82	4272	1.68	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	7789	1.70	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	764	1.76	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	11083	1.71	ng	0.00
25) Fluoranthene-d10	19.14	212	17876	1.53	ng	-0.01
29) Terphenyl-d14	19.74	244	14196	1.81	ng	0.00

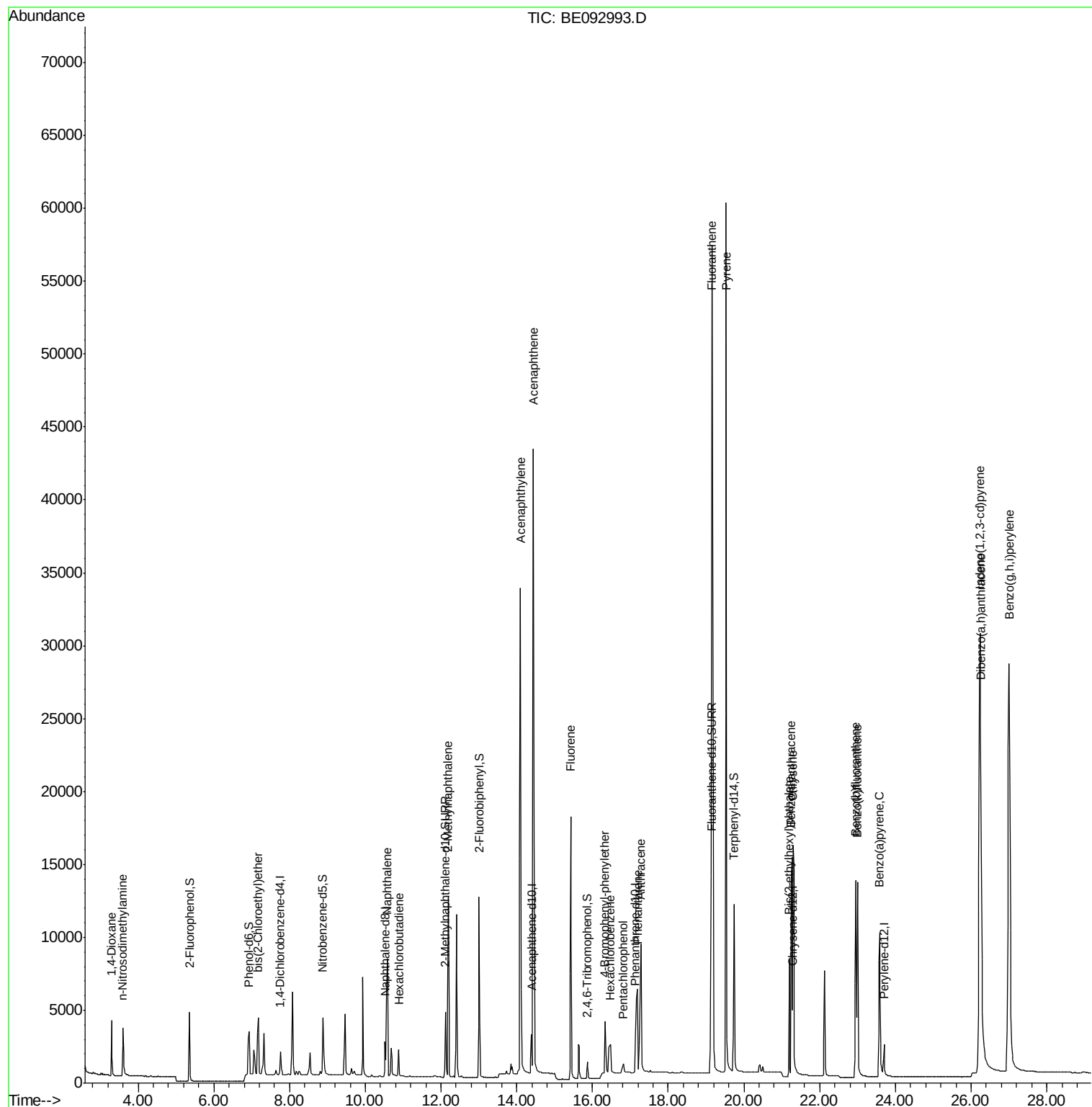
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	2354	1.49	ng	97
3) n-Nitrosodimethylamine	3.59	42	2236	1.70	ng	# 98
6) bis(2-Chloroethyl)ether	7.18	93	4358	1.69	ng	# 99
9) Naphthalene	10.58	128	13924	1.59	ng	95
10) Hexachlorobutadiene	10.89	225	1874	1.56	ng	98
12) 2-Methylnaphthalene	12.19	142	8815	1.75	ng	98
16) Acenaphthylene	14.10	152	49575	1.83	ng	99
17) Acenaphthene	14.44	154	8455	1.68	ng	99
18) Fluorene	15.43	166	10944	1.73	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	2132	1.52	ng	# 1
21) Hexachlorobenzene	16.47	284	3023	1.38	ng	# 100
22) Pentachlorophenol	16.81	266	820	1.24	ng	# 86
23) Phenanthrene	17.19	178	13758	1.25	ng	# 77
24) Anthracene	17.28	178	14329	1.52	ng	97
26) Fluoranthene	19.16	202	88859	1.55	ng	# 59
28) Pyrene	19.53	202	89174	1.56	ng	# 96
30) Benzo(a)anthracene	21.25	228	19800	1.84	ng	# 83
31) Chrysene	21.30	228	22080	1.59	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.20	149	7518	1.59	ng	98
33) Indeno(1,2,3-cd)pyrene	26.24	276	73600	1.69	ng	99
35) Benzo(b)fluoranthene	22.95	252	18377	1.66	ng	95
36) Benzo(k)fluoranthene	22.99	252	19801	1.81	ng	93
37) Benzo(a)pyrene	23.58	252	16499	1.73	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	15701	1.82	ng	92
39) Benzo(g,h,i)perylene	27.00	276	68167	1.71	ng	95

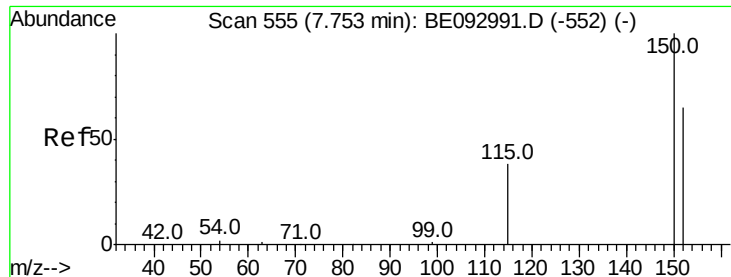
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

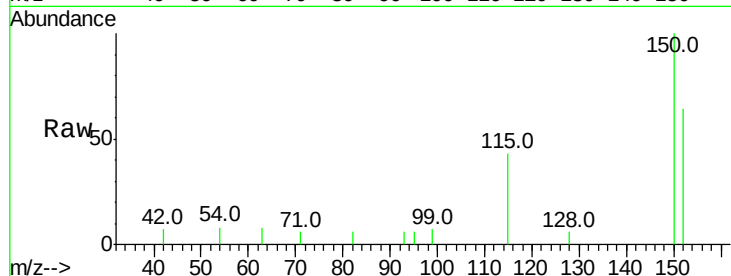
Tot Ion:152 Resp: 768

Ion Ratio Lower Upper

152 100

150 155.6 125.1 187.7

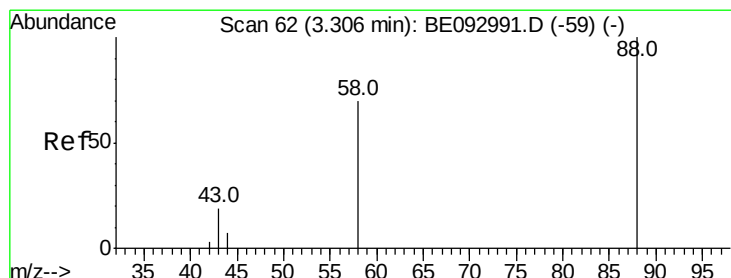
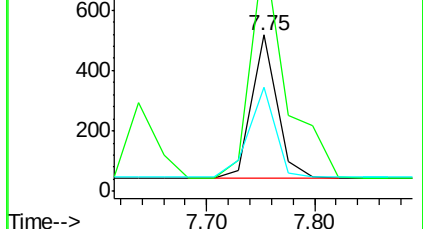
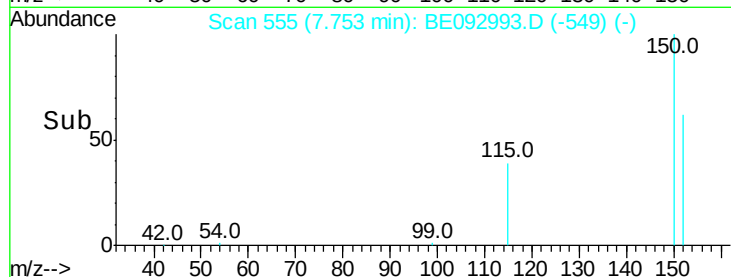
115 66.4 55.7 83.5



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: 1.49 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

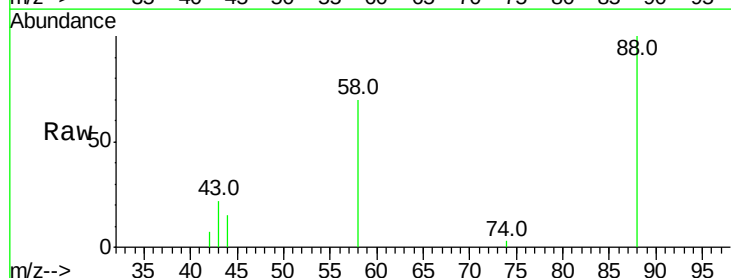
Tgt Ion: 88 Resp: 2354

Ion Ratio Lower Upper

88 100

58 80.6 62.2 93.4

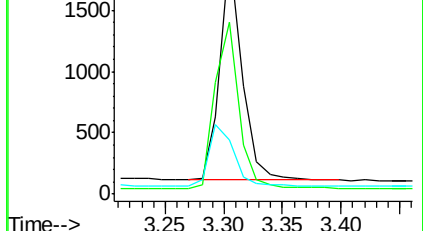
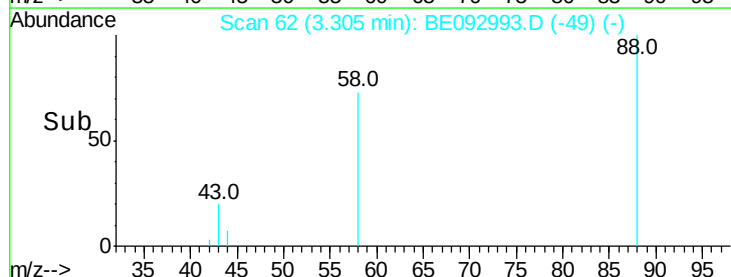
43 30.8 23.2 34.8

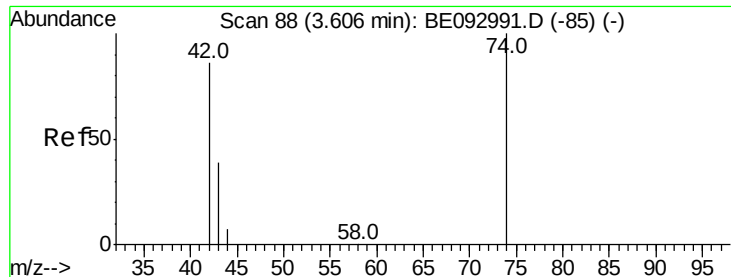


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.70 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

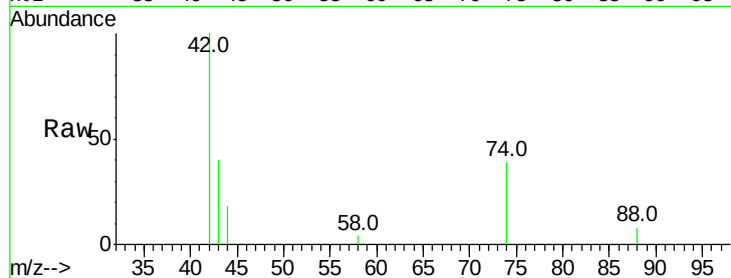
Tot Ion: 42 Resp: 2236

Ion Ratio Lower Upper

42 100

74 122.2 99.1 148.7

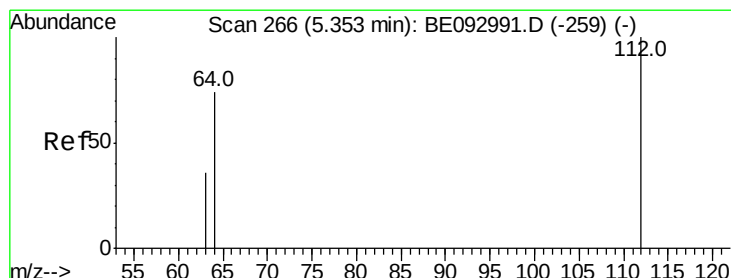
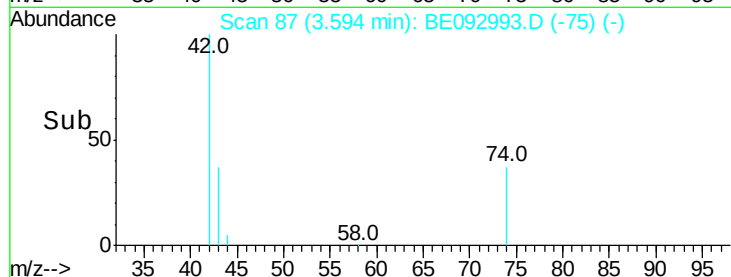
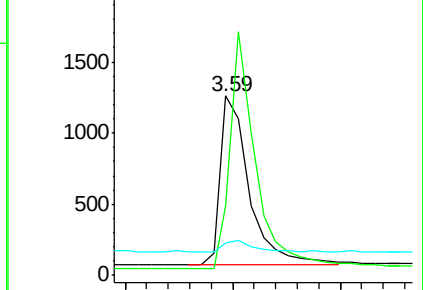
44 6.6 7.4 11.2#



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: 1.62 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

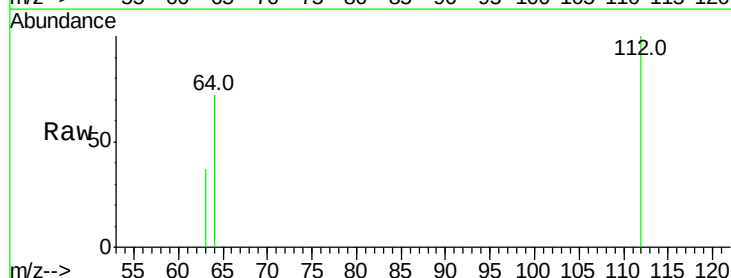
Tgt Ion: 112 Resp: 3414

Ion Ratio Lower Upper

112 100

64 71.5 56.4 84.6

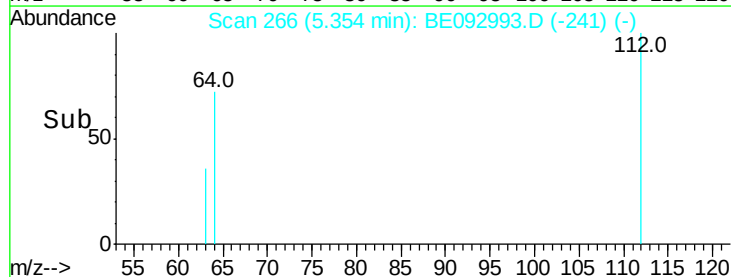
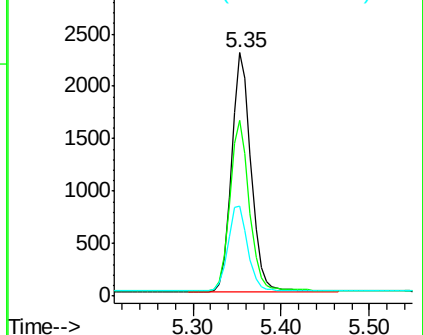
63 36.8 29.3 43.9

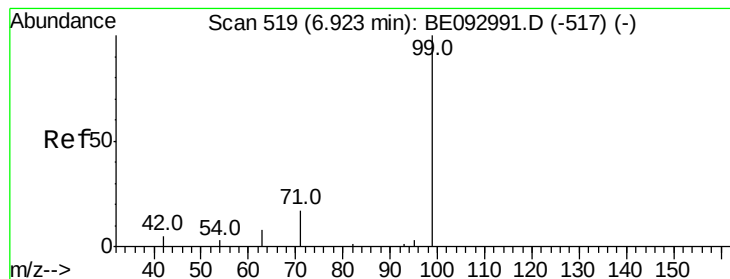


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.75 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

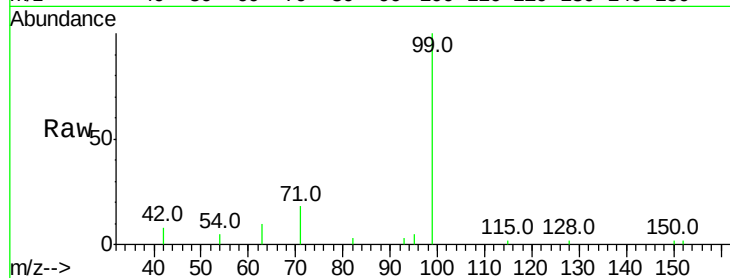
Tot Ion: 99 Resp: 4545

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

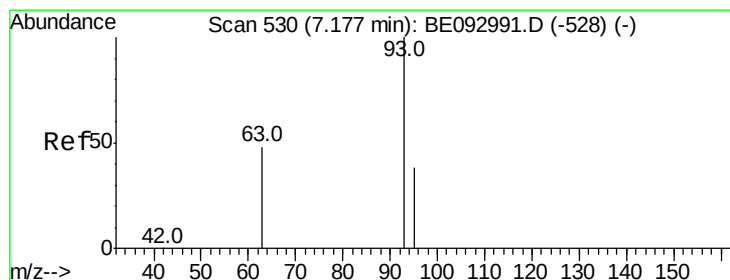
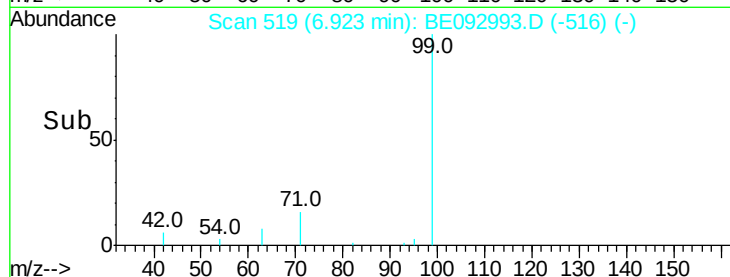
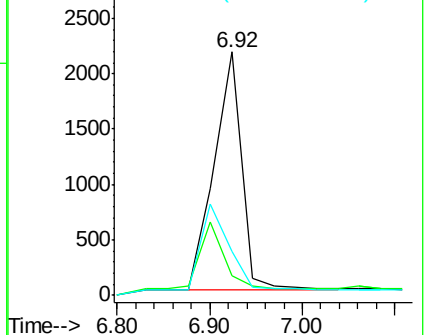
71 0.0 0.0 0.0



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: 1.69 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

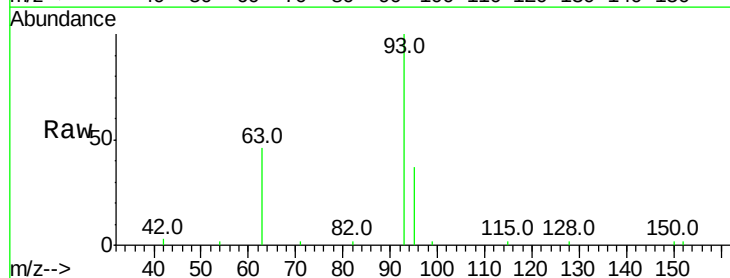
Tgt Ion: 93 Resp: 4358

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

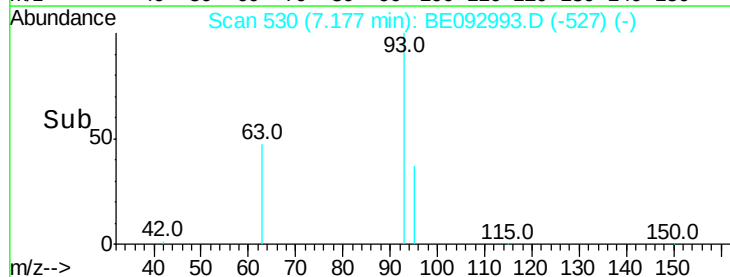
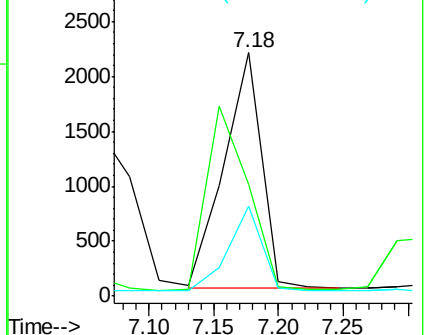
95 32.2 25.4 38.0

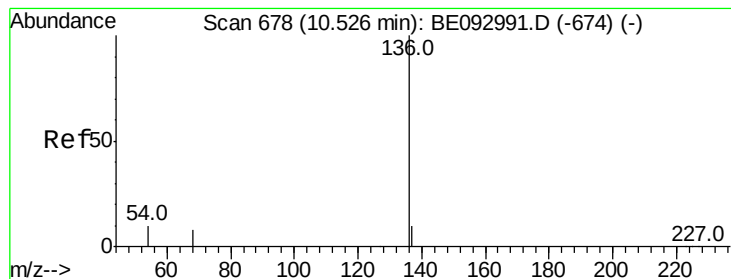


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 3281

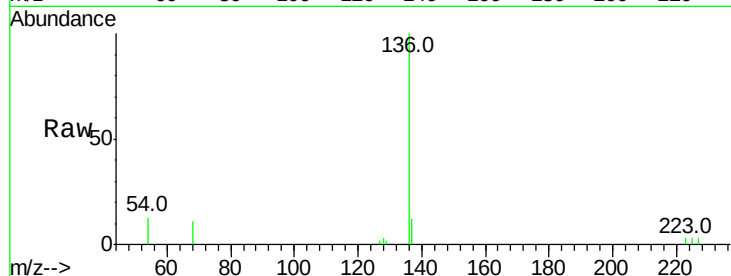
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 12.8 10.3 15.5

68 11.2 9.0 13.4

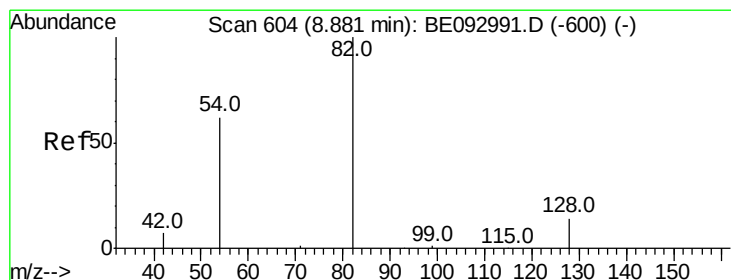
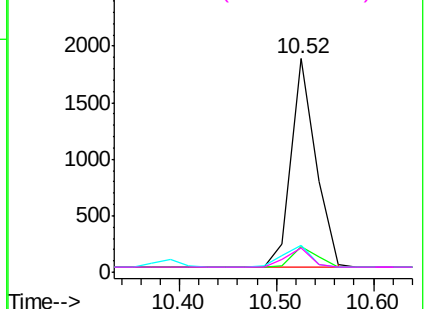
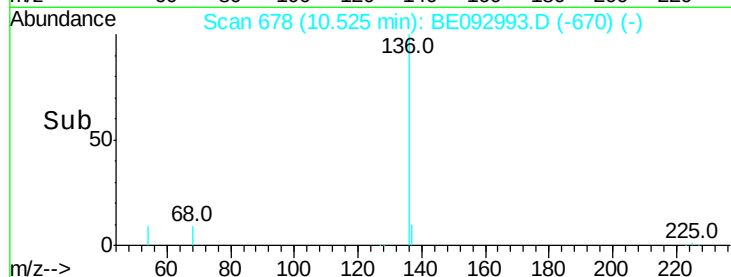


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.68 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

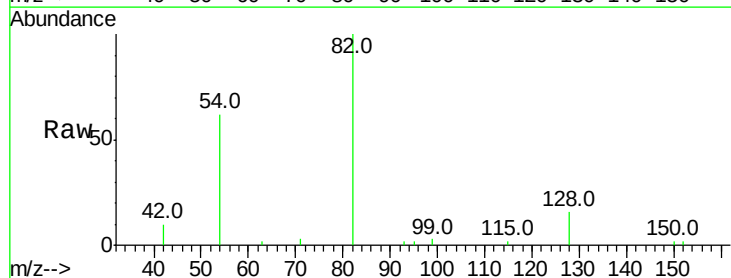
Tgt Ion: 82 Resp: 4272

Ion Ratio Lower Upper

82 100

128 16.0 17.0 25.4#

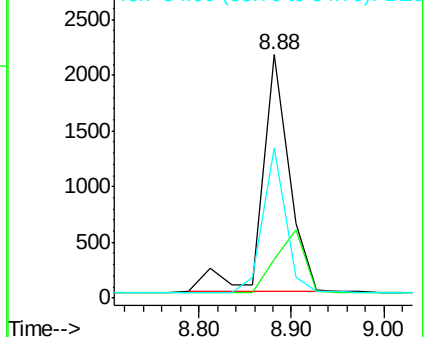
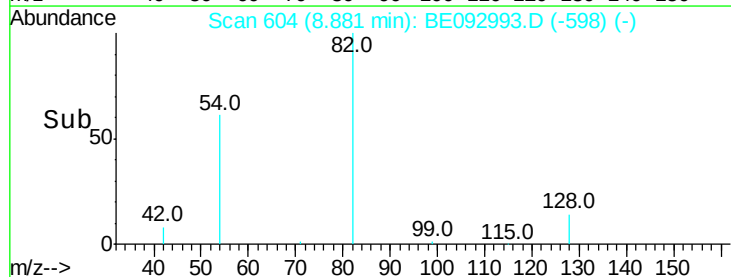
54 61.6 53.8 80.6

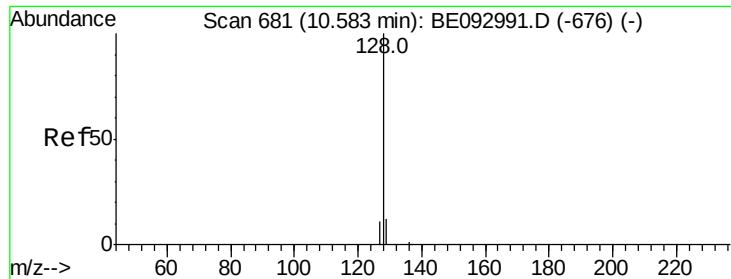


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.59 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

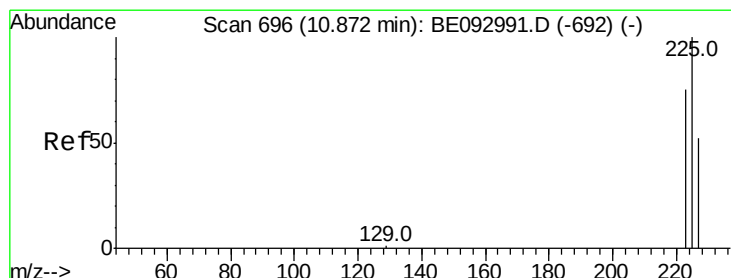
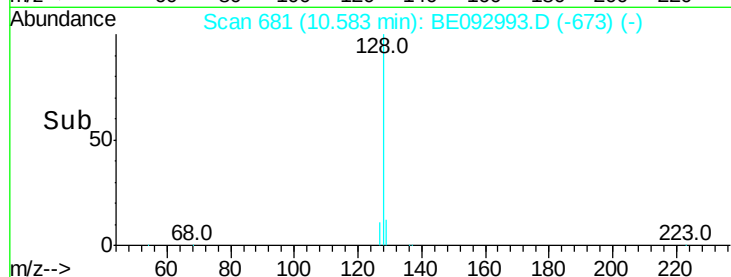
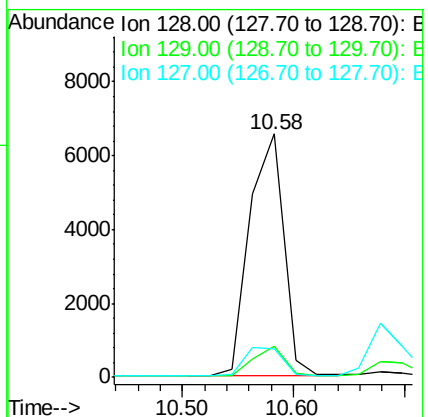
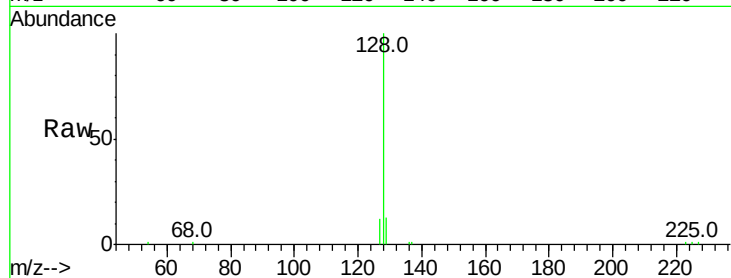
Tot Ion:128 Resp: 13924

Ion Ratio Lower Upper

128 100

129 12.7 11.4 17.0

127 11.8 11.2 16.8



#10

Hexachlorobutadiene

Concen: 1.56 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

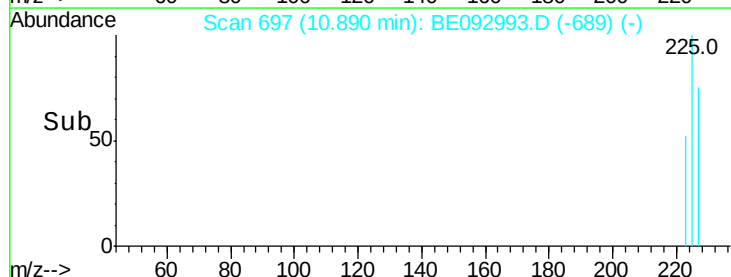
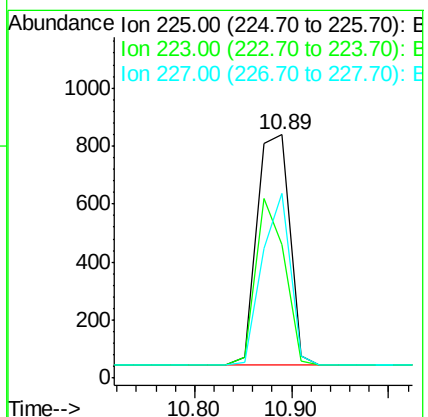
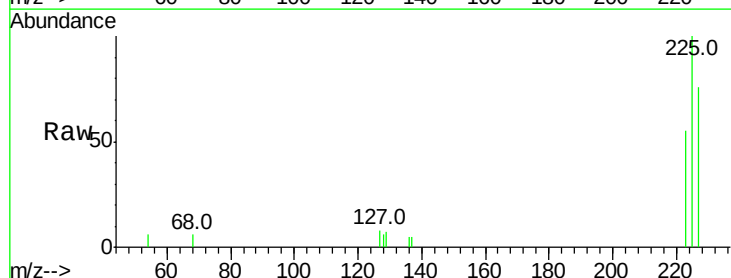
Tgt Ion:225 Resp: 1874

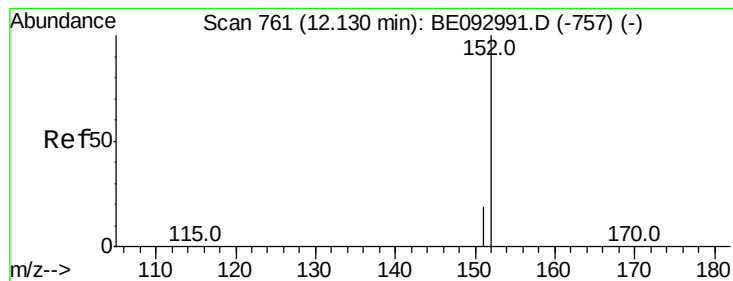
Ion Ratio Lower Upper

225 100

223 63.5 49.7 74.5

227 64.0 50.3 75.5

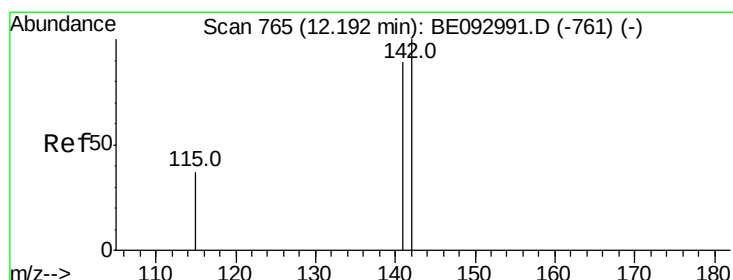
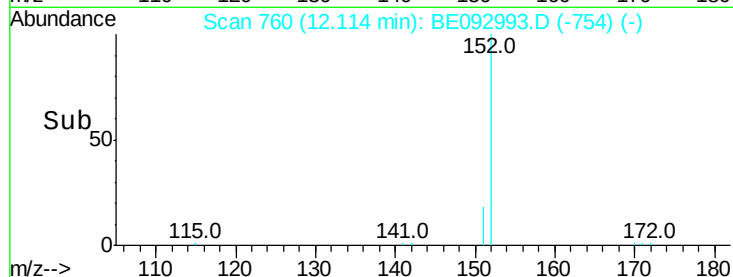
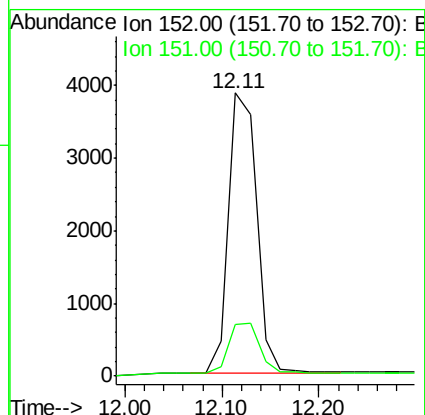
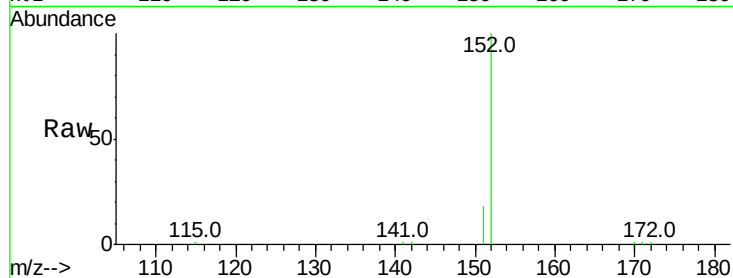




#11
 2-Methylnaphthalene-d10
 Concen: 1.70 ng
 RT: 12.11 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE092993.D
 Acq: 11 May 2017 13:13

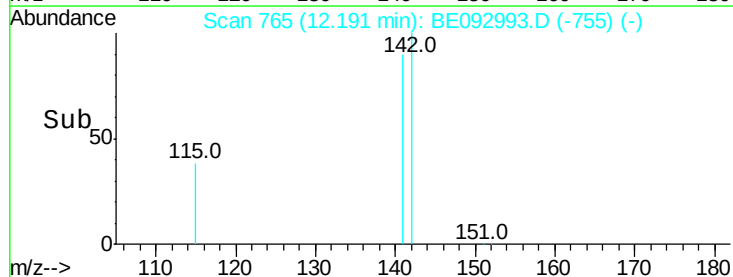
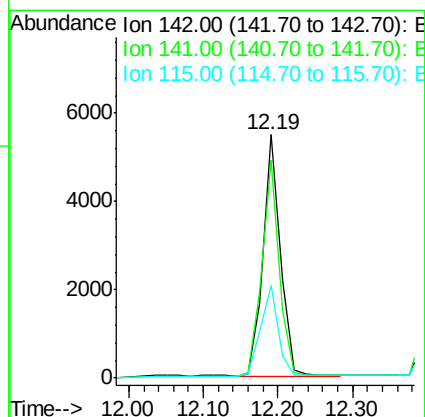
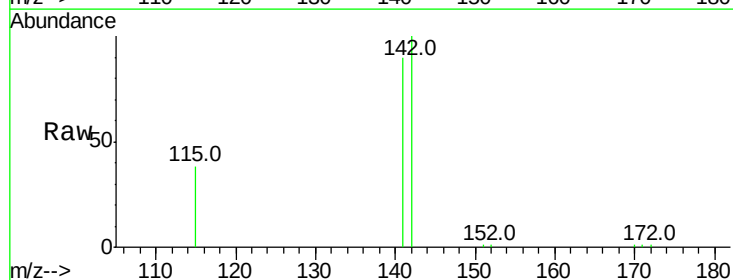
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

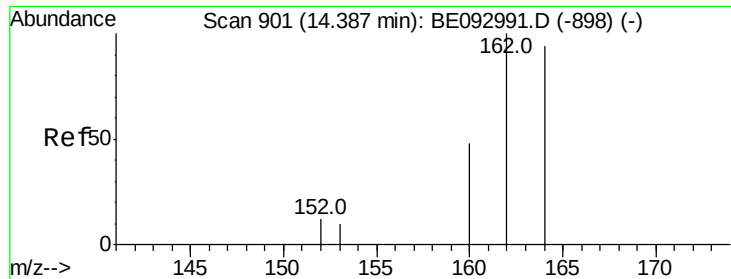
Tot Ion:152 Resp: 7789
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 1.75 ng
 RT: 12.19 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE092993.D
 Acq: 11 May 2017 13:13

Tgt Ion:142 Resp: 8815
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 108.8
 115 38.1 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

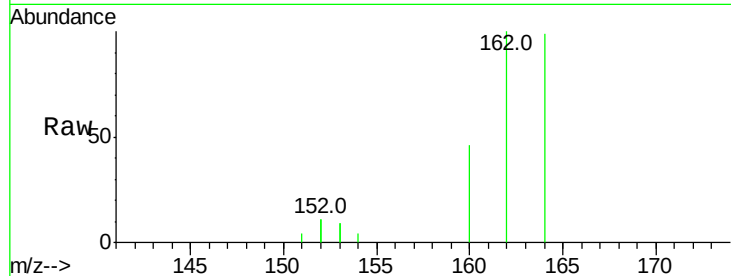
Tot Ion:164 Resp: 1656

Ion Ratio Lower Upper

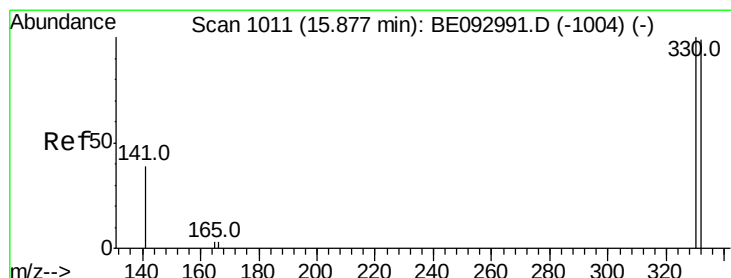
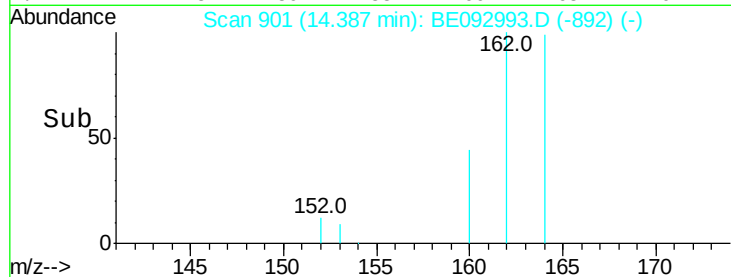
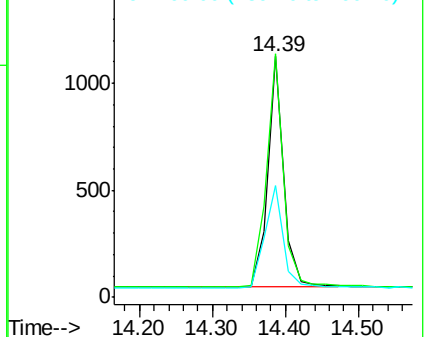
164 100

162 101.1 84.6 127.0

160 46.6 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 1.76 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

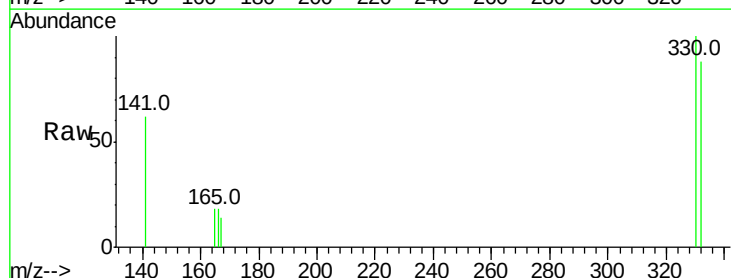
Tgt Ion:330 Resp: 764

Ion Ratio Lower Upper

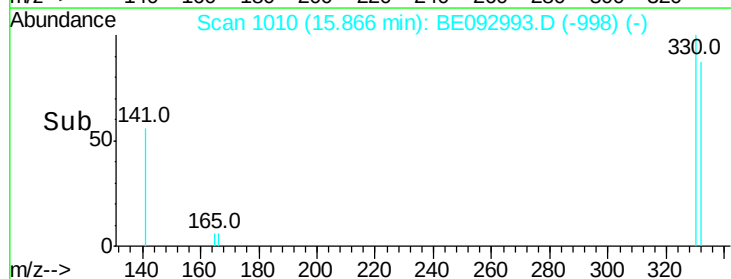
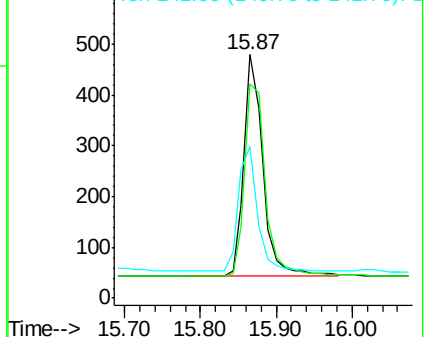
330 100

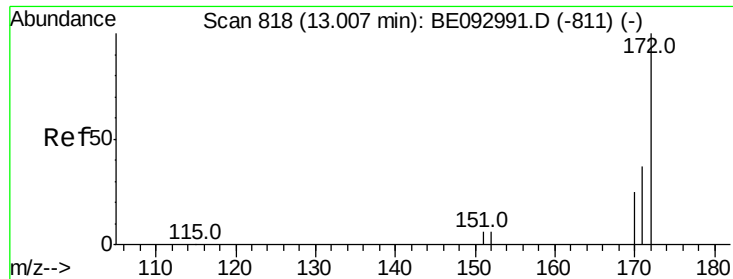
332 95.3 77.7 116.5

141 57.3 56.2 84.4



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

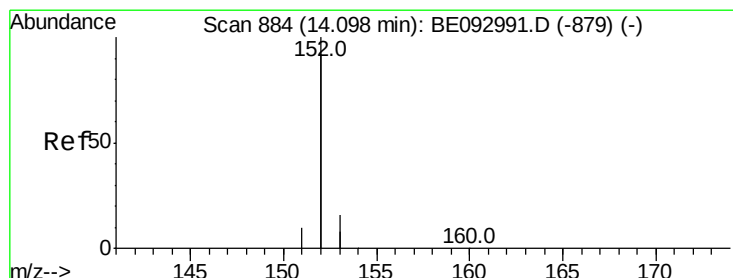
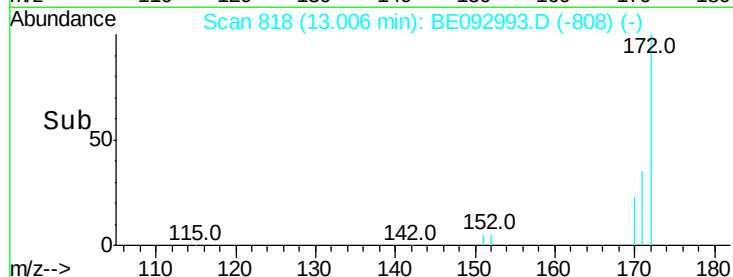
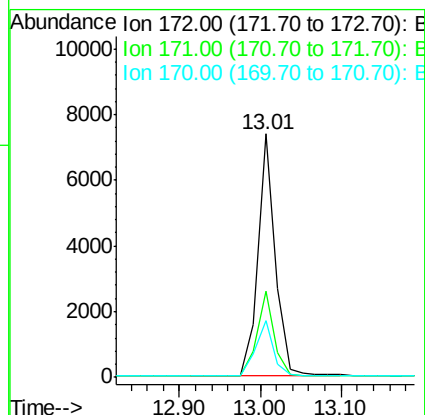
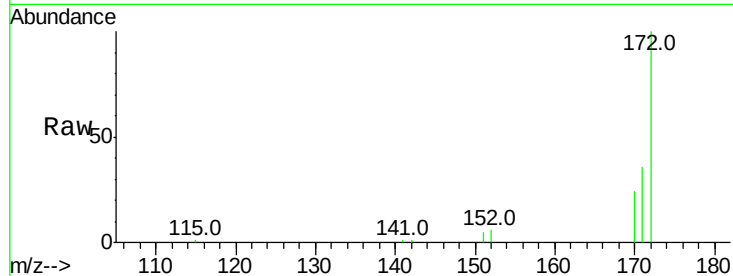




#15
2-Fluorobiphenyl
Concen: 1.71 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

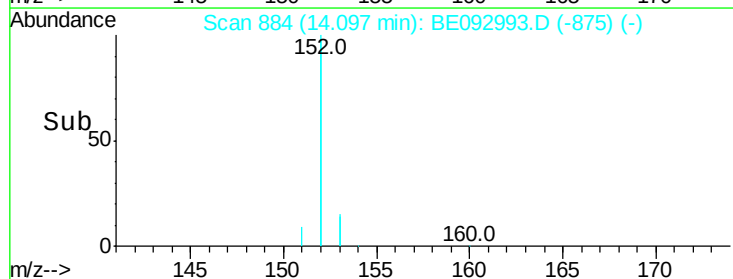
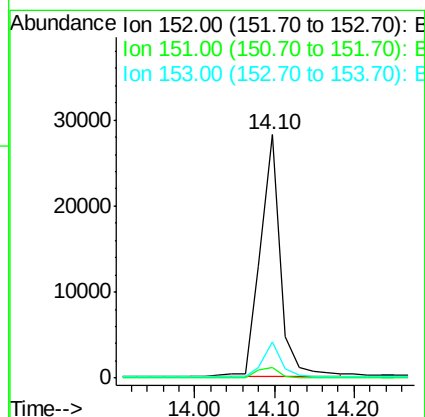
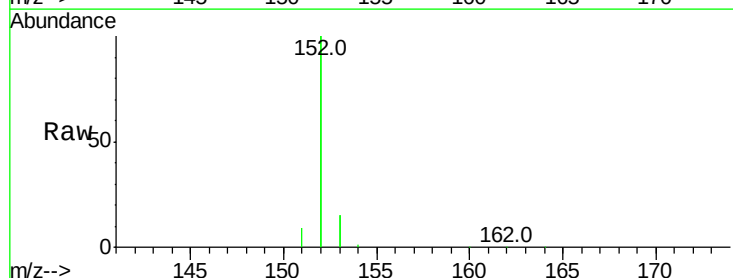
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

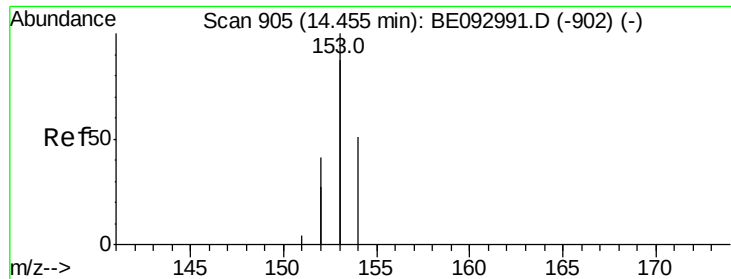
Tot Ion:172 Resp: 11083
Ion Ratio Lower Upper
172 100
171 35.6 29.8 44.6
170 23.5 20.7 31.1



#16
Acenaphthylene
Concen: 1.83 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:152 Resp: 49575
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.1 10.3 15.5

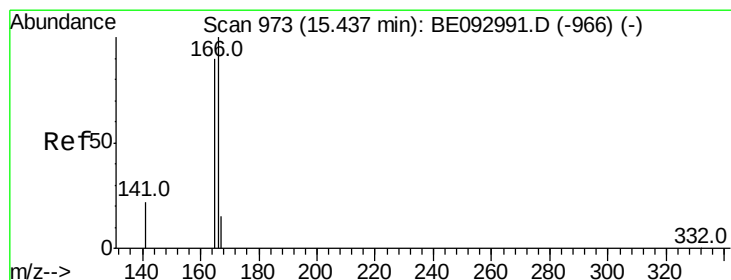
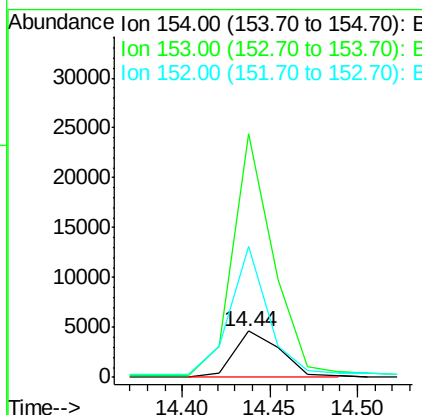
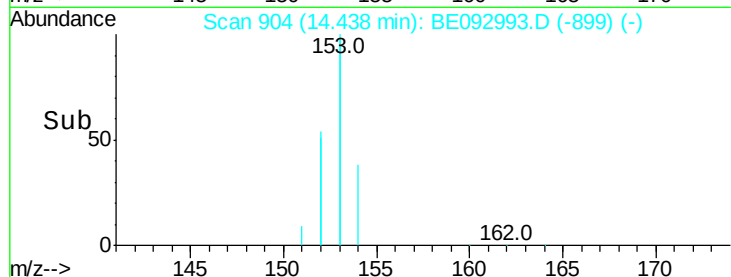
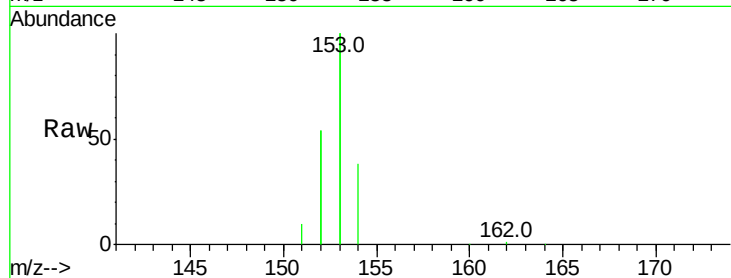




#17
Acenaphthene
Concen: 1.68 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

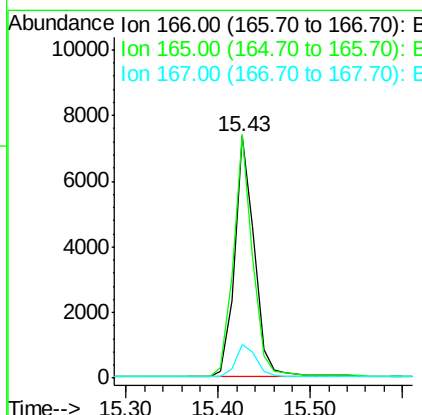
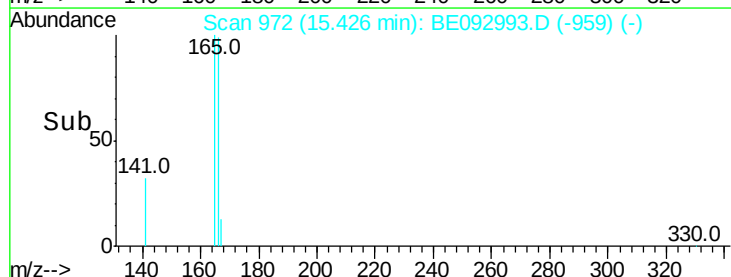
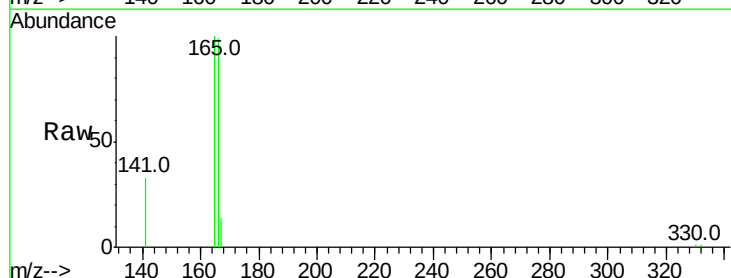
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

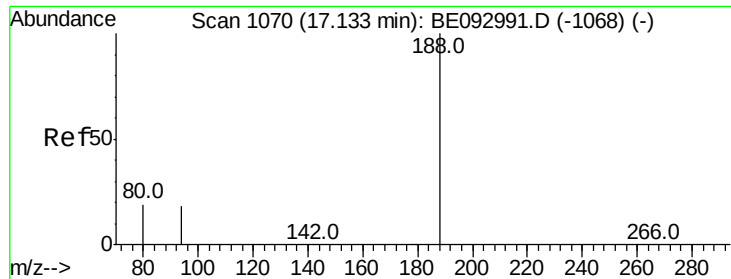
Tot Ion:154 Resp: 8455
Ion Ratio Lower Upper
154 100
153 459.3 367.8 551.6
152 232.7 188.2 282.2



#18
Fluorene
Concen: 1.73 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:166 Resp: 10944
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.9 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

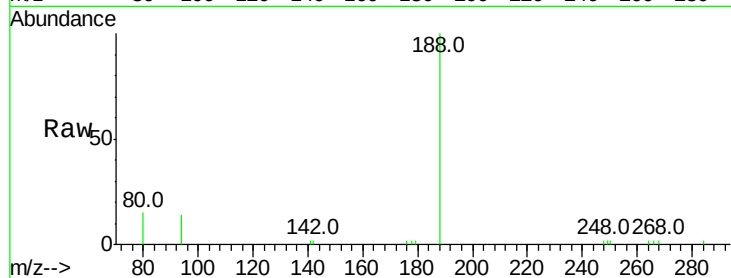
Tot Ion:188 Resp: 4393

Ion Ratio Lower Upper

188 100

94 14.1 11.3 16.9

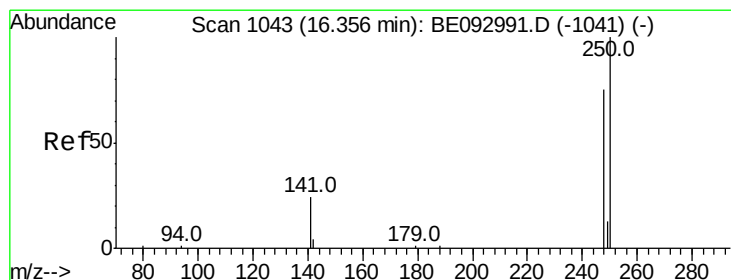
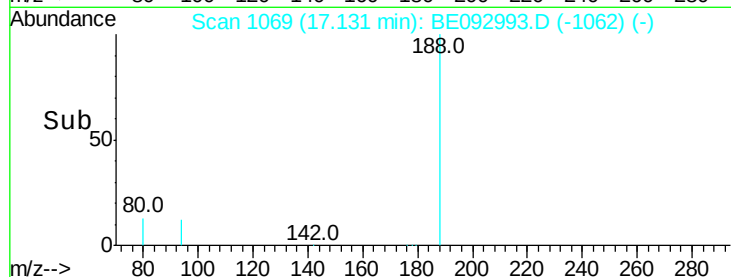
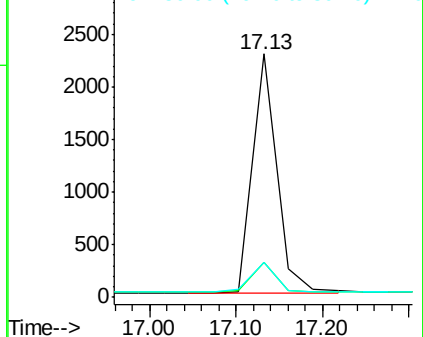
80 14.6 11.7 17.5



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

4-Bromophenyl-phenylether

Concen: 1.52 ng

RT: 16.33 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

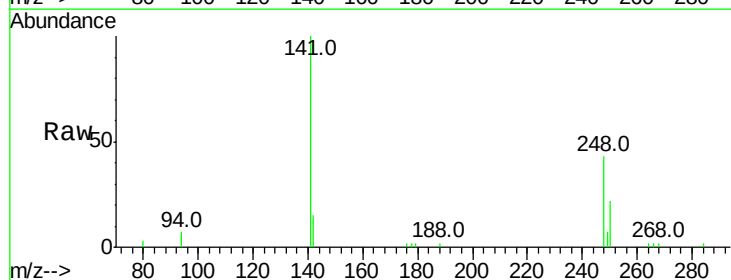
Tgt Ion:248 Resp: 2132

Ion Ratio Lower Upper

248 100

250 51.1 100.0 150.0#

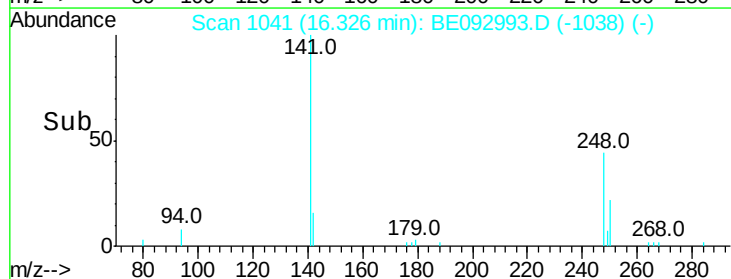
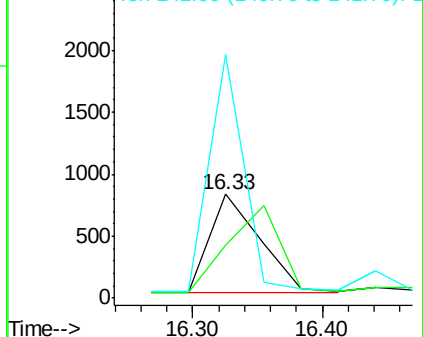
141 234.2 40.0 60.0#

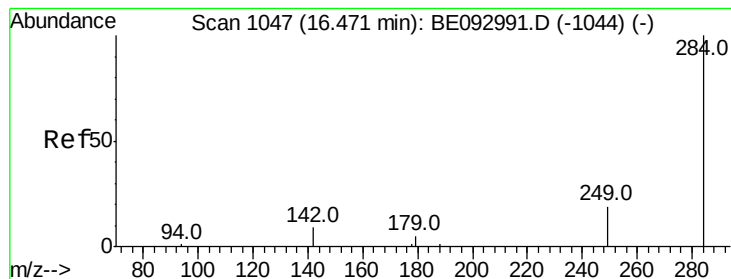


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.38 ng

RT: 16.47 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

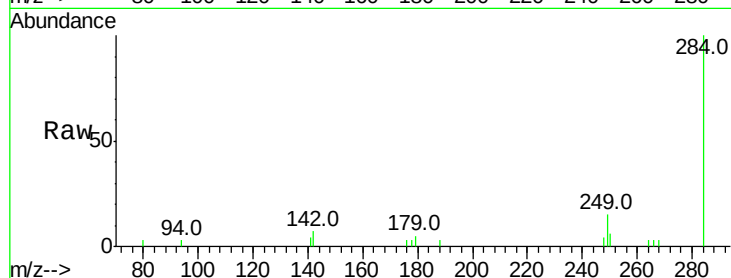
Tot Ion:284 Resp: 3023

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

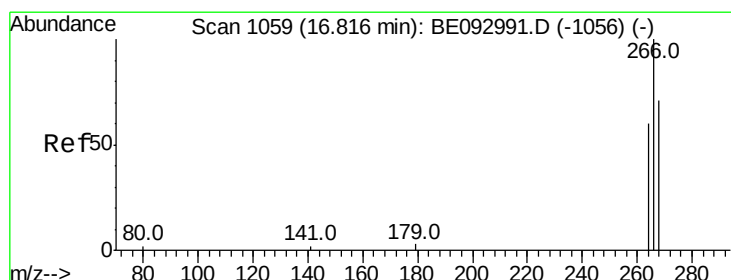
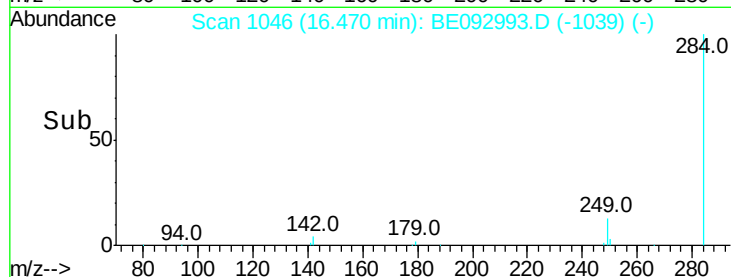
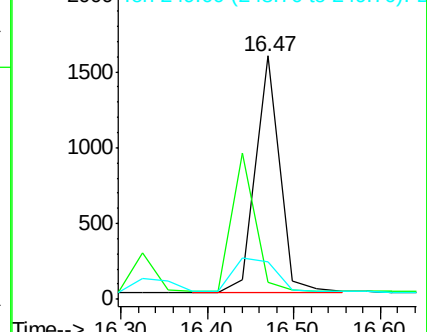
249 0.0 0.0 0.0



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



#22

Pentachlorophenol

Concen: 1.24 ng

RT: 16.81 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

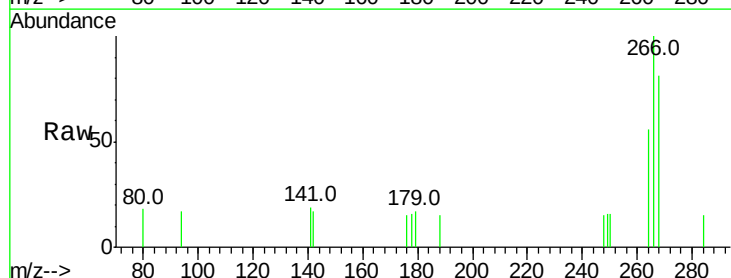
Tgt Ion:266 Resp: 820

Ion Ratio Lower Upper

266 100

264 56.2 58.2 87.2#

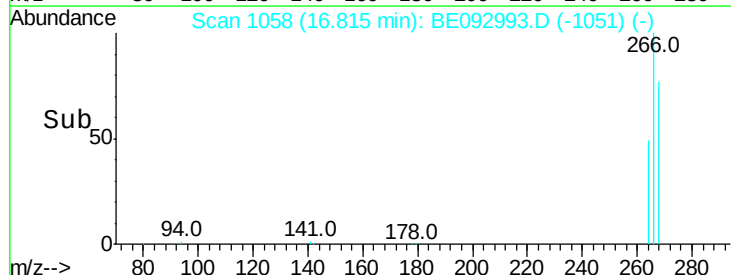
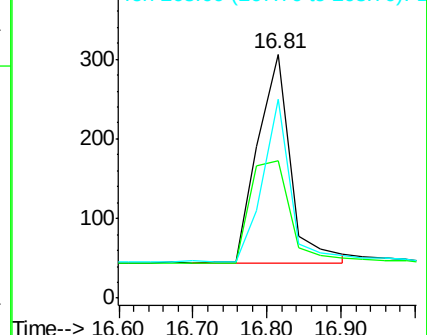
268 81.4 71.9 107.9

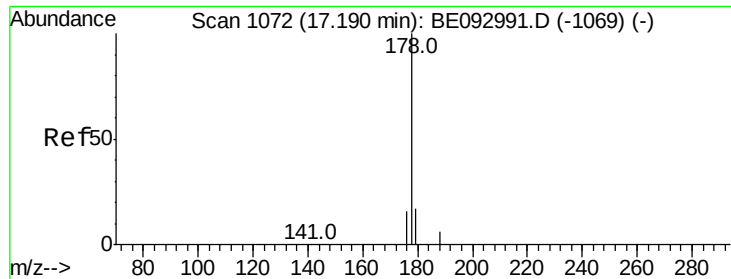


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.25 ng

RT: 17.19 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

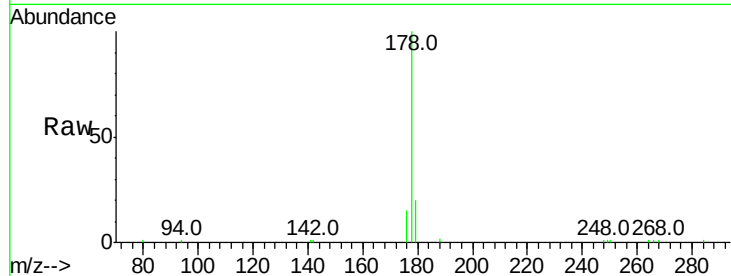
Tot Ion:178 Resp: 13758

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

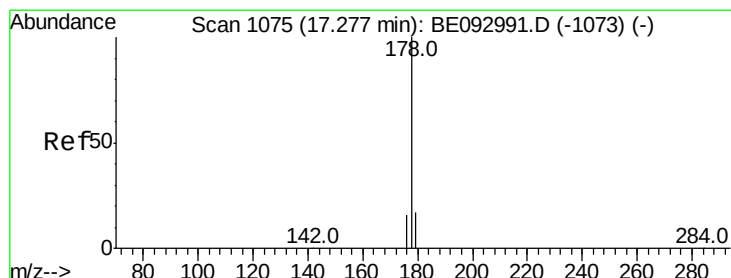
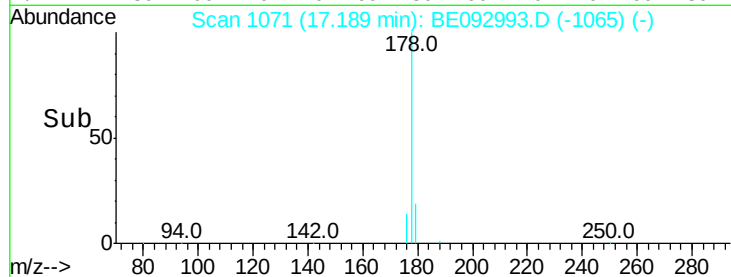
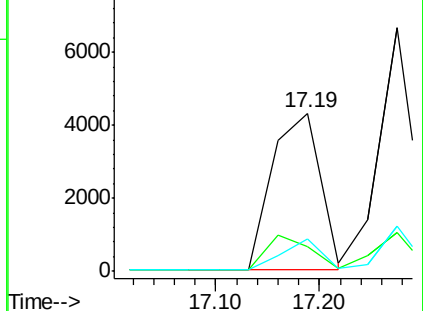
179 15.7 12.7 19.1



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

Anthracene

Concen: 1.52 ng

RT: 17.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

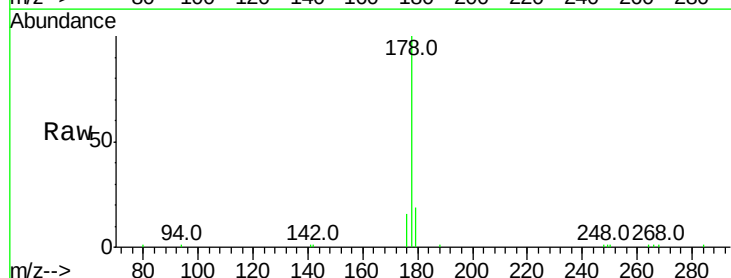
Tgt Ion:178 Resp: 14329

Ion Ratio Lower Upper

178 100

176 17.2 14.6 22.0

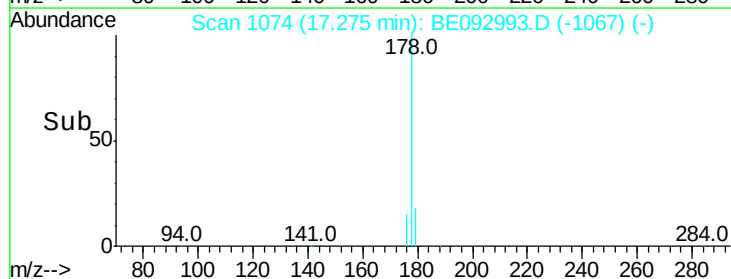
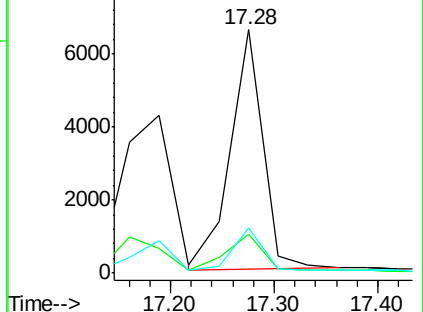
179 16.7 12.0 18.0

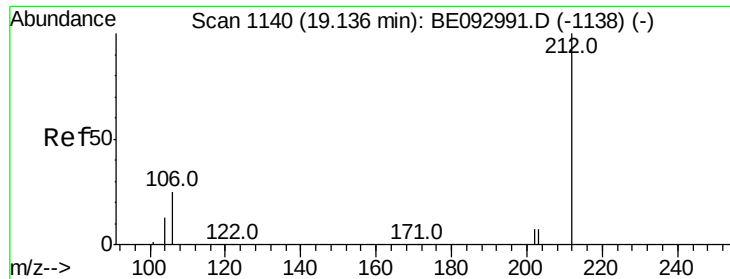


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.53 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

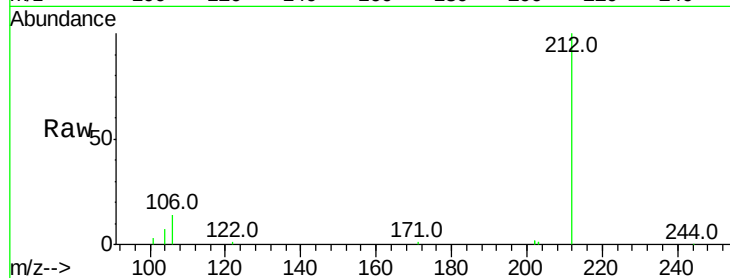
Tot Ion:212 Resp: 17876

Ion Ratio Lower Upper

212 100

106 16.0 0.0 0.0#

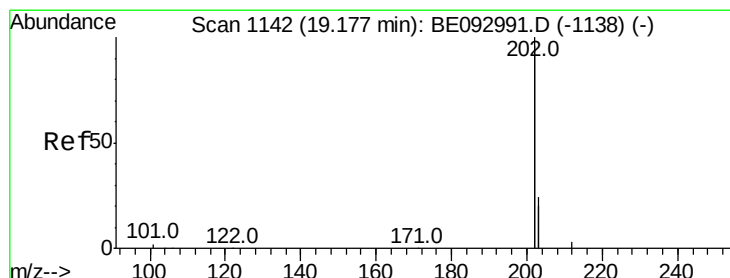
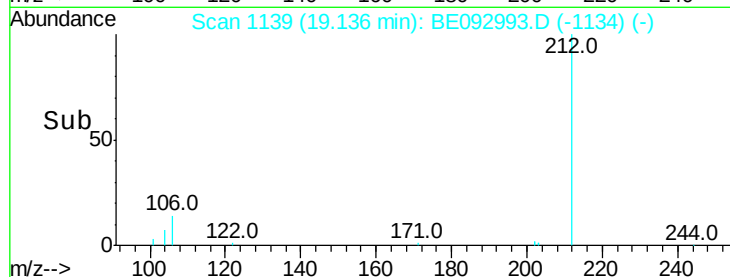
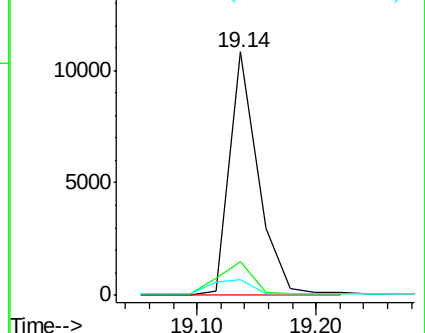
104 8.6 0.0 0.0#



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



#26

Fluoranthene

Concen: 1.55 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

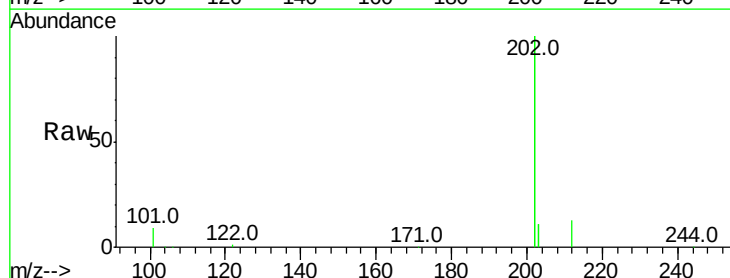
Tgt Ion:202 Resp: 88859

Ion Ratio Lower Upper

202 100

101 3.6 0.0 0.0#

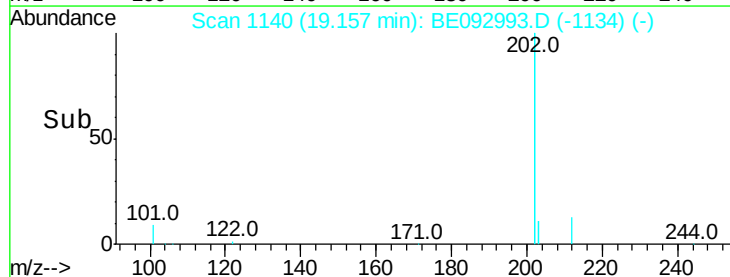
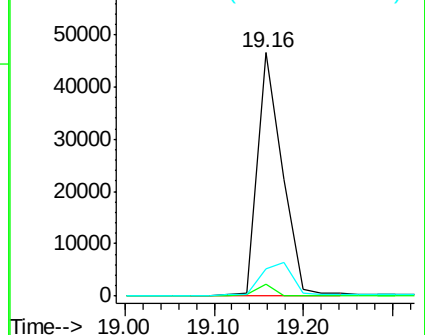
203 0.0 14.4 21.6#

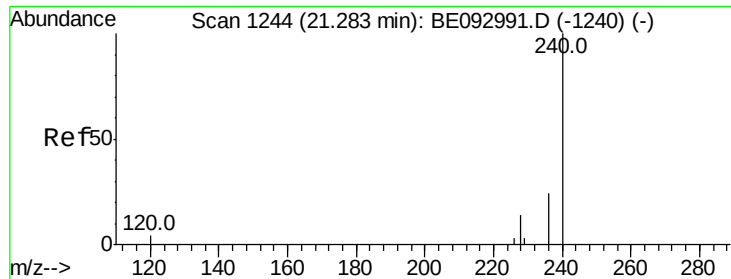


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

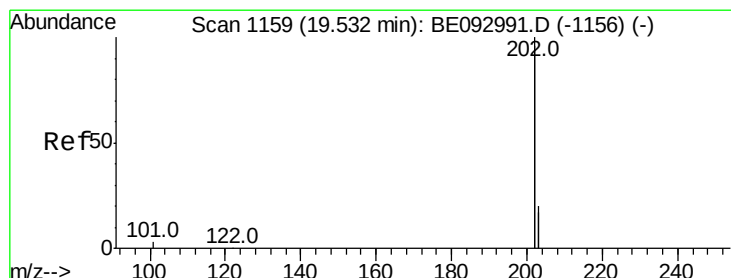
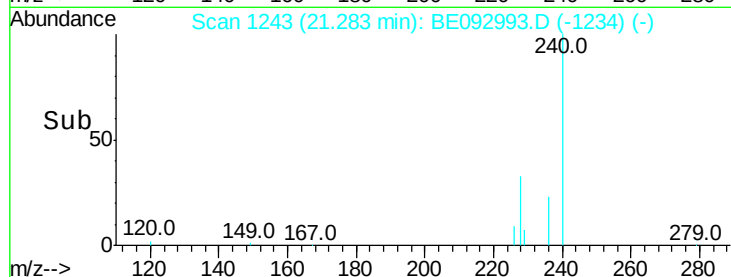
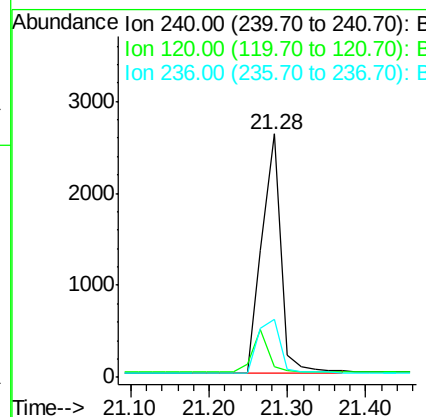
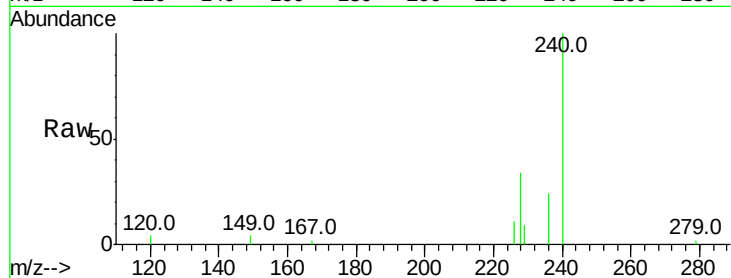




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

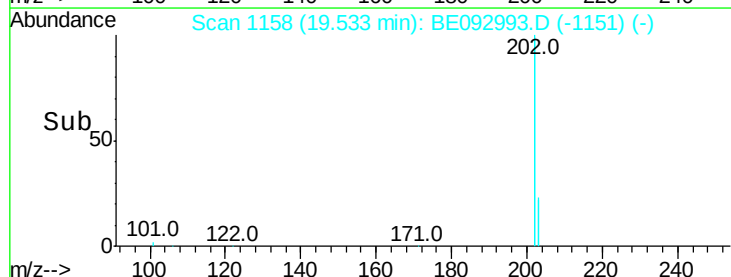
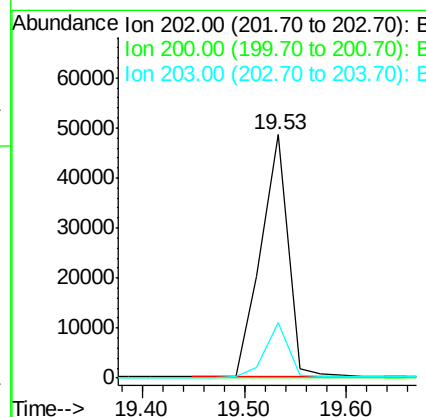
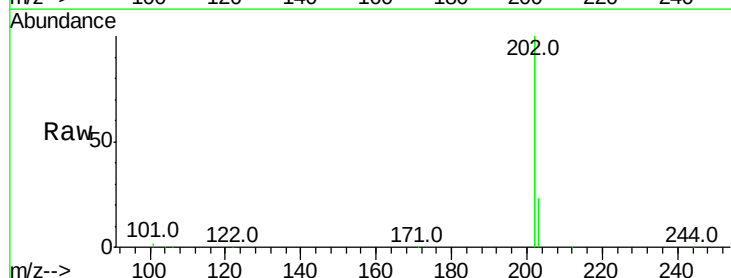
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

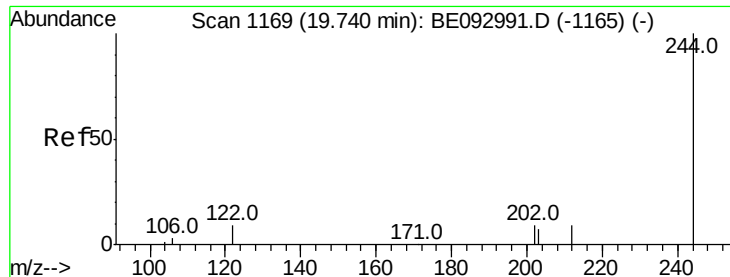
Tot Ion:240 Resp: 4489
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0#
236 23.9 20.8 31.2



#28
Pyrene
Concen: 1.56 ng
RT: 19.53 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:202 Resp: 89174
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.6 13.7 20.5





#29

Terphenyl-d14

Concen: 1.81 ng

RT: 19.74 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

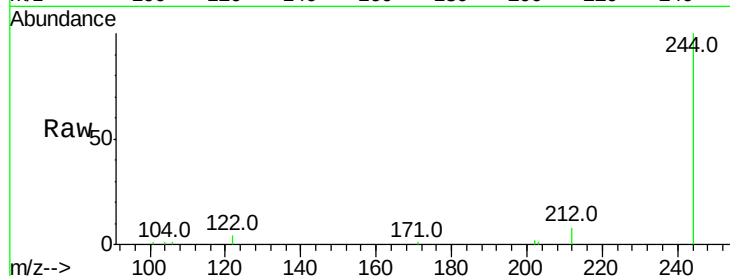
Tot Ion:244 Resp: 14196

Ion Ratio Lower Upper

244 100

212 8.3 10.6 16.0#

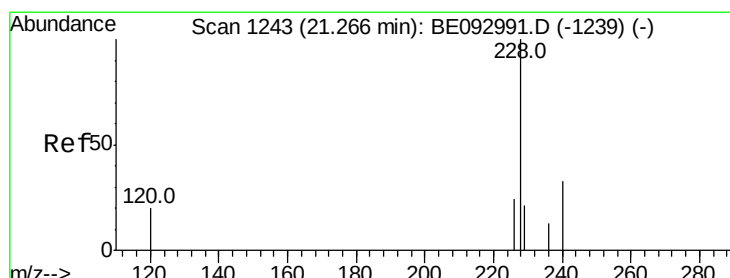
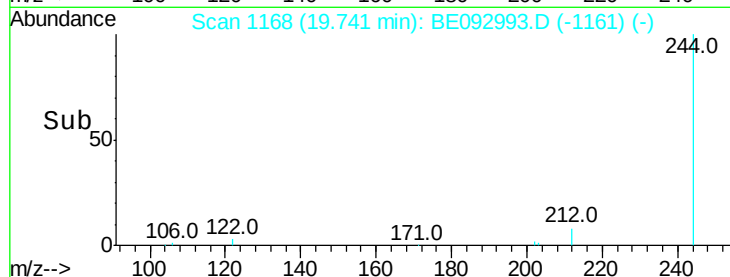
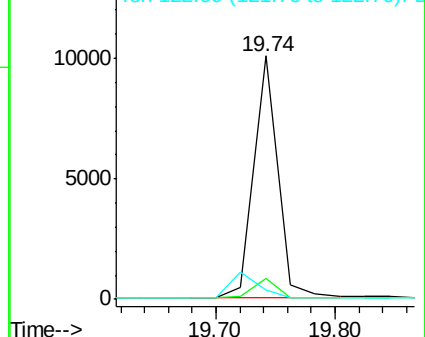
122 3.8 15.4 23.0#



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



#30

Benzo(a)anthracene

Concen: 1.84 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

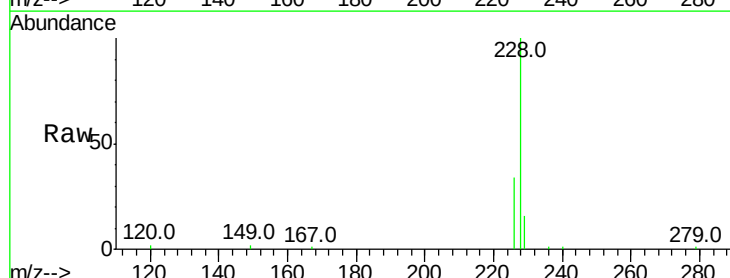
Tgt Ion:228 Resp: 19800

Ion Ratio Lower Upper

228 100

226 33.8 19.7 29.5#

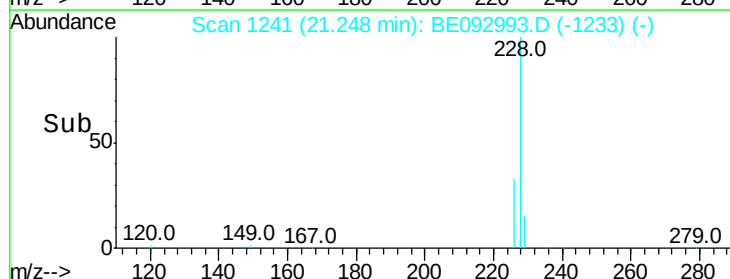
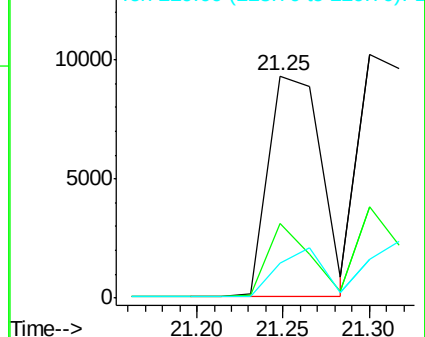
229 15.8 19.2 28.8#

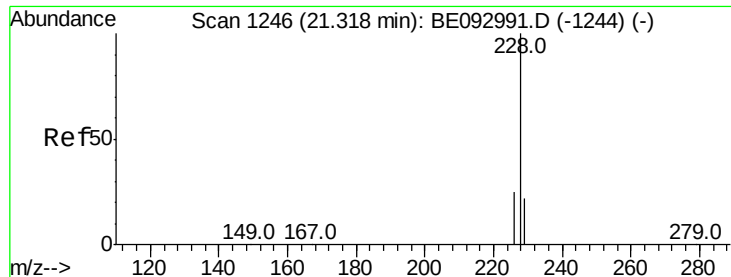


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.59 ng

RT: 21.30 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

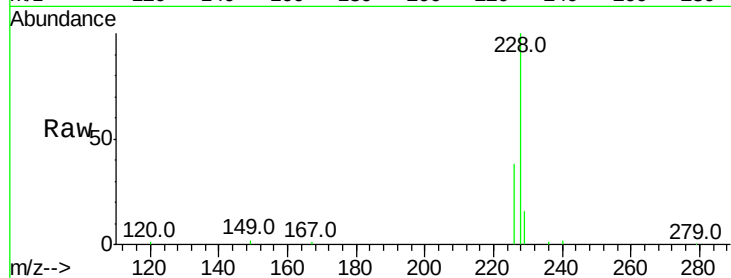
Tot Ion:228 Resp: 22080

Ion Ratio Lower Upper

228 100

226 37.6 21.5 32.3#

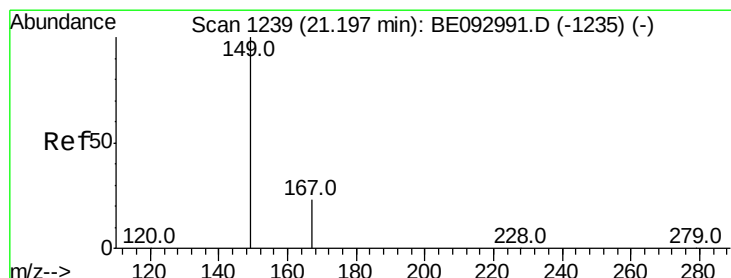
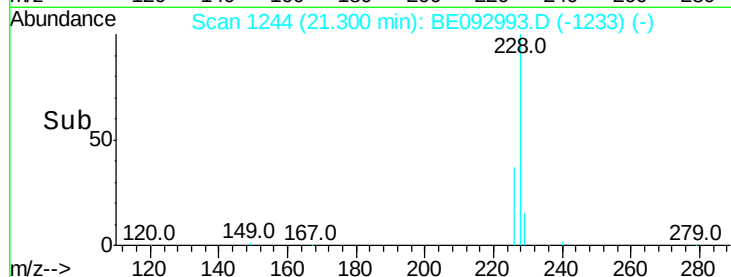
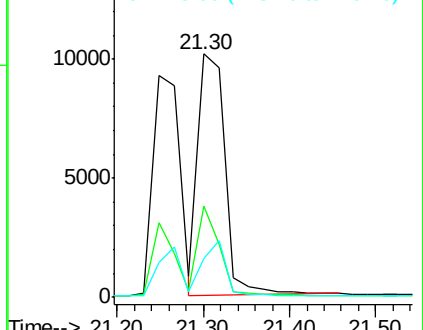
229 15.7 18.6 28.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.59 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

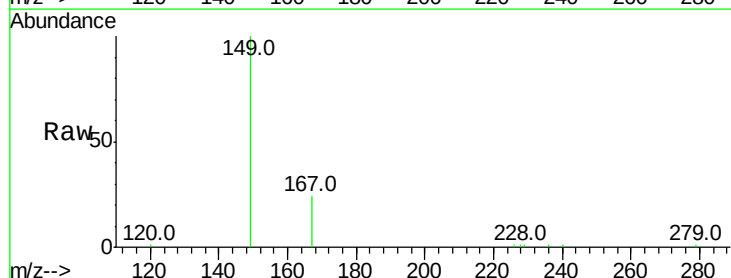
Tgt Ion:149 Resp: 7518

Ion Ratio Lower Upper

149 100

167 24.2 20.1 30.1

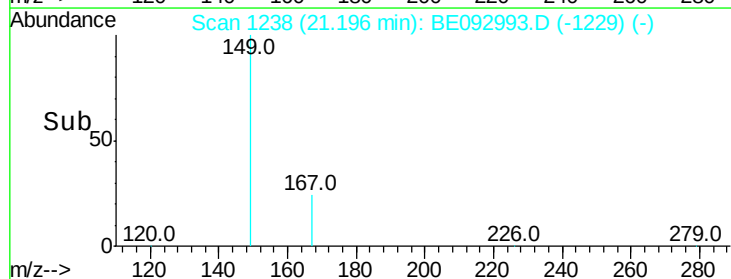
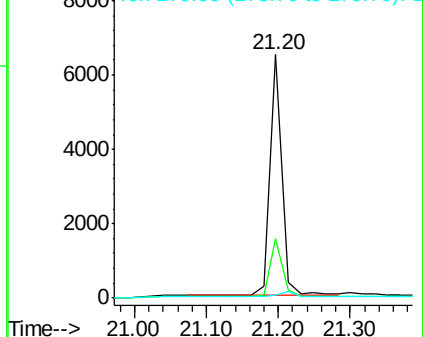
279 2.3 2.2 3.4

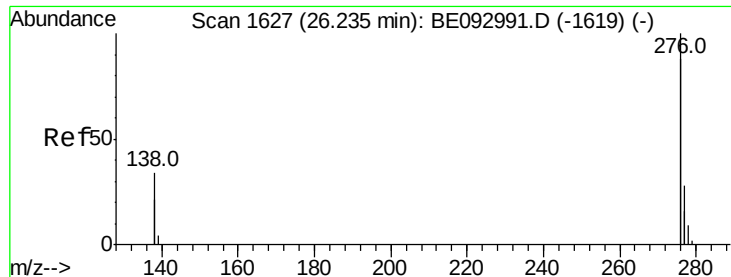


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.69 ng

RT: 26.24 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

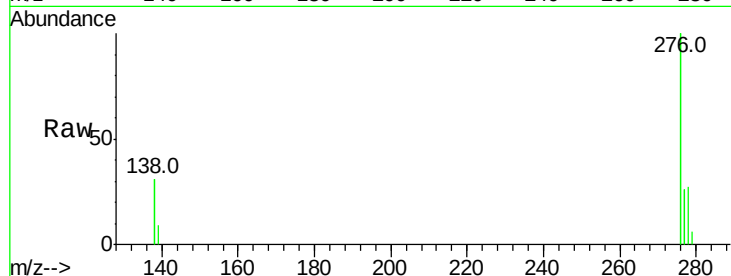
Tot Ion:276 Resp: 73600

Ion Ratio Lower Upper

276 100

138 33.3 27.4 41.2

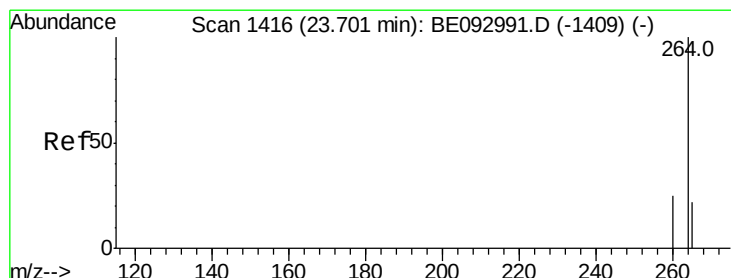
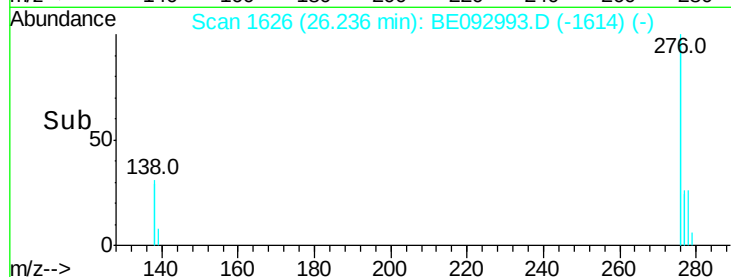
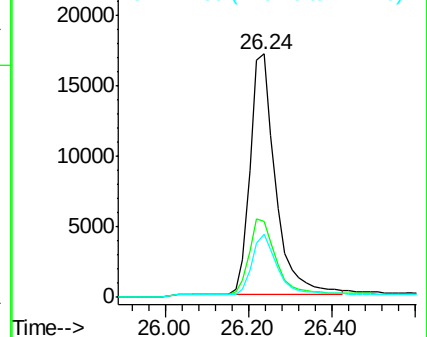
277 24.8 20.1 30.1



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BE092993.D

Acq: 11 May 2017 13:13

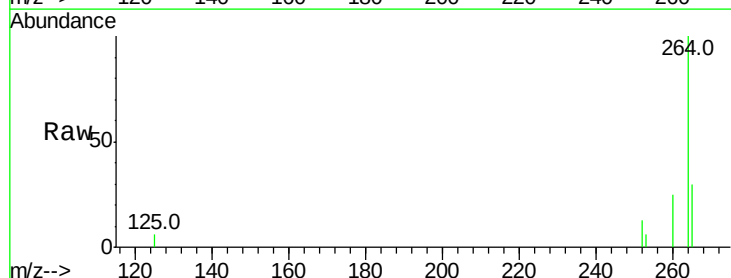
Tgt Ion:264 Resp: 3473

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

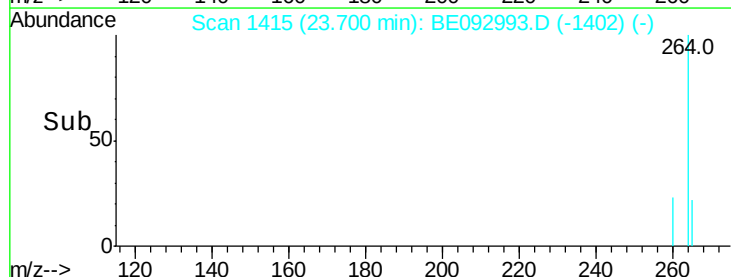
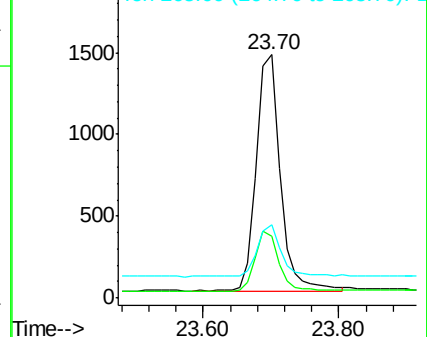
265 30.2 24.6 36.8

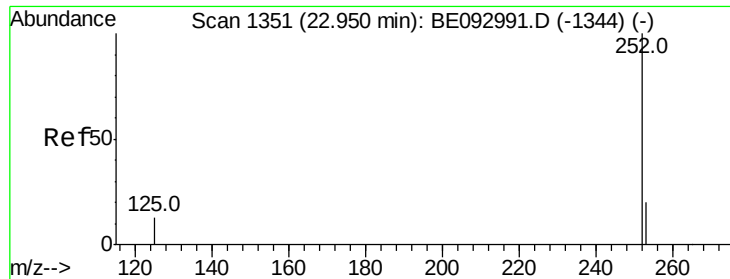


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

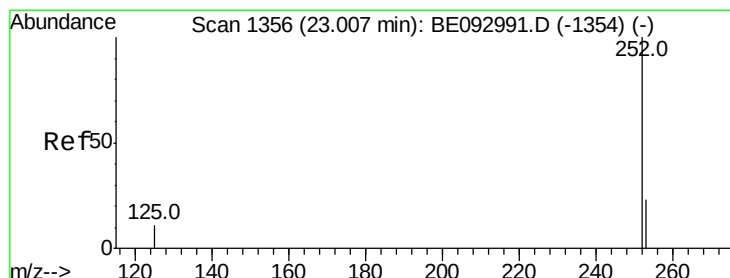
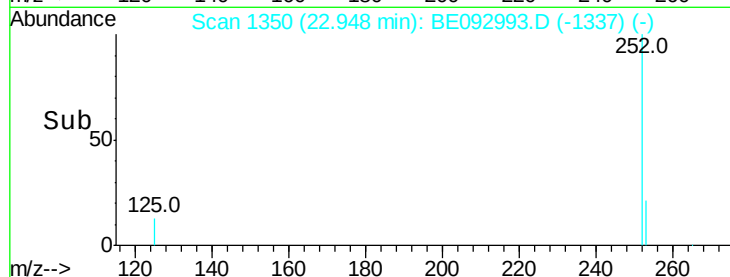
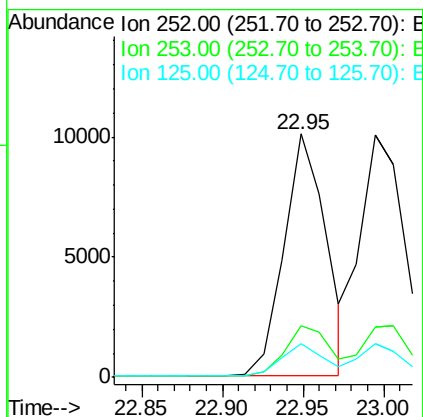
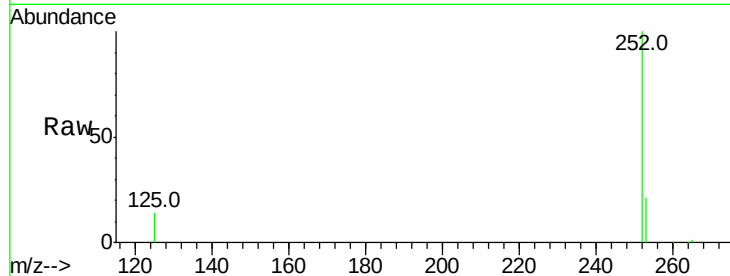




#35
Benzo(b)fluoranthene
Concen: 1.66 ng
RT: 22.95 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

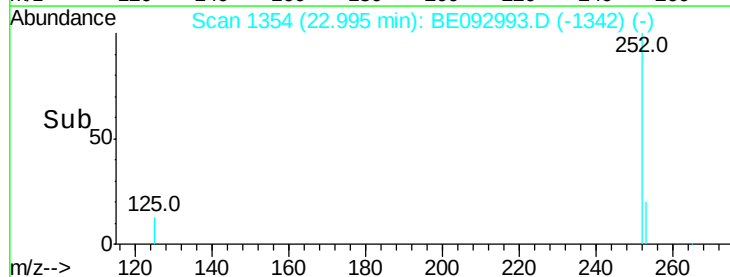
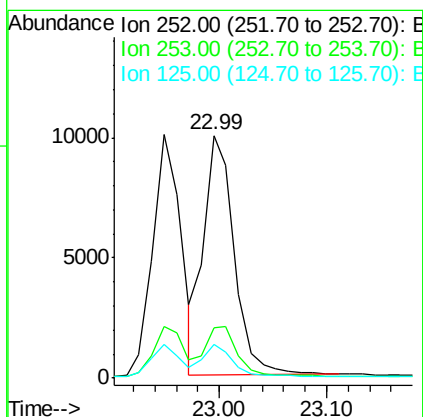
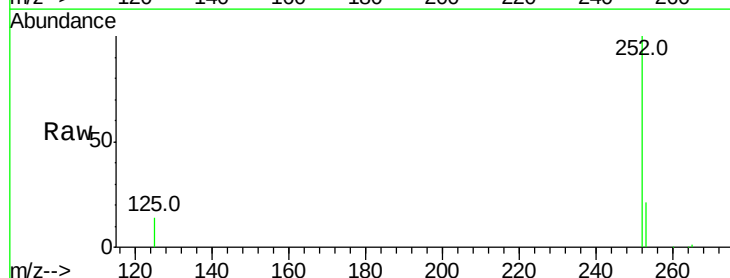
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

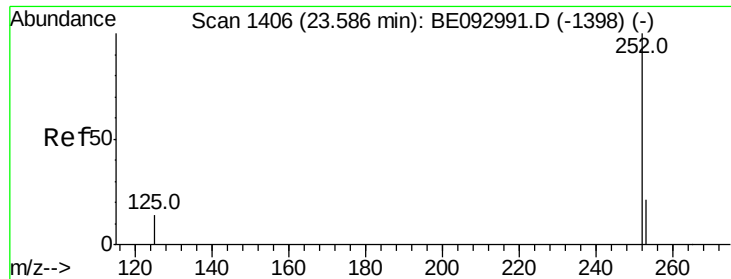
Tot Ion:252 Resp: 18377
Ion Ratio Lower Upper
252 100
253 21.3 18.5 27.7
125 13.8 13.4 20.0



#36
Benzo(k)fluoranthene
Concen: 1.81 ng
RT: 22.99 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:252 Resp: 19801
Ion Ratio Lower Upper
252 100
253 20.6 20.3 30.5
125 14.0 12.2 18.4

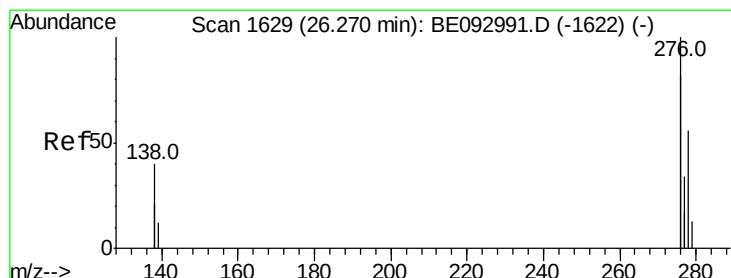
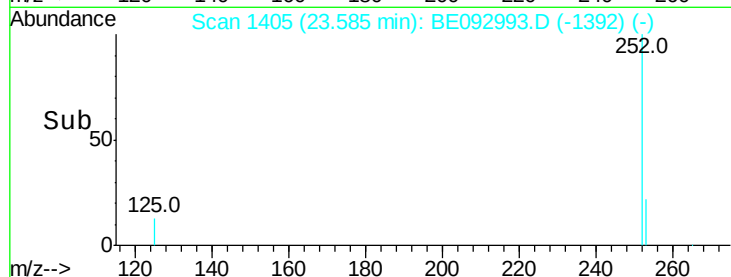
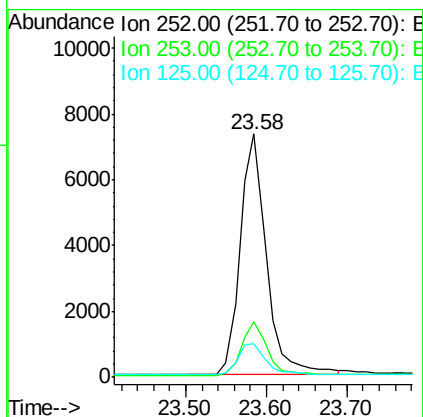
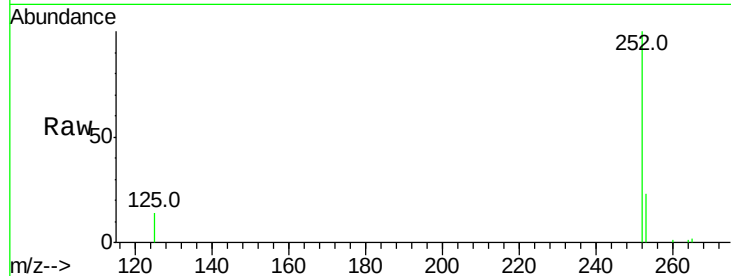




#37
Benzo(a)pyrene
Concen: 1.73 ng
RT: 23.58 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

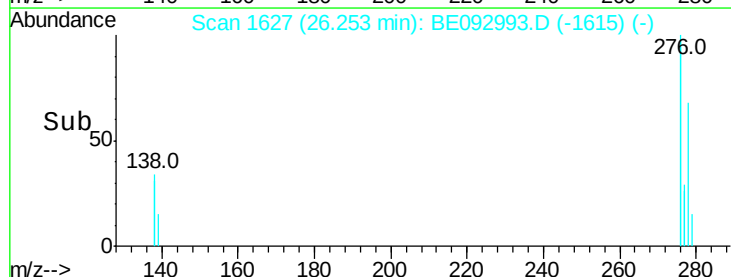
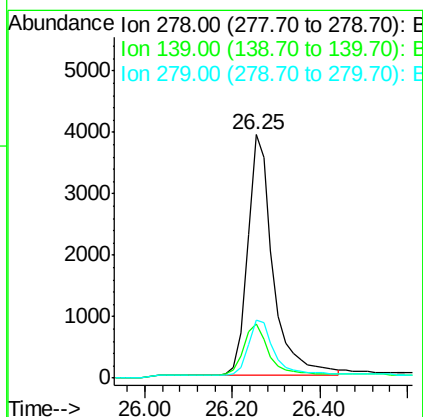
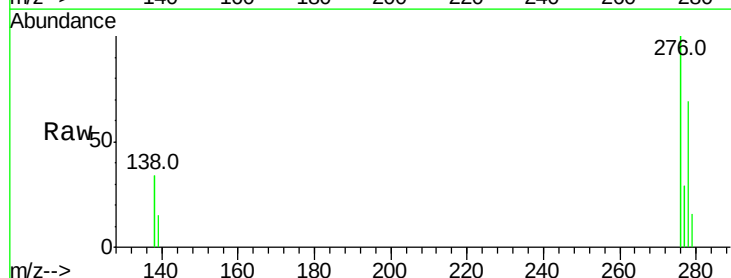
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

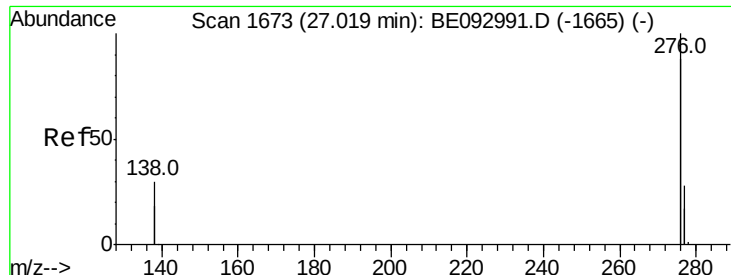
Tot Ion:252 Resp: 16499
Ion Ratio Lower Upper
252 100
253 22.7 19.9 29.9
125 14.1 14.6 21.8#



#38
Dibenzo(a,h)anthracene
Concen: 1.82 ng
RT: 26.25 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:278 Resp: 15701
Ion Ratio Lower Upper
278 100
139 22.4 21.4 32.0
279 23.6 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 1.71 ng

RT: 27.00 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE092993.D

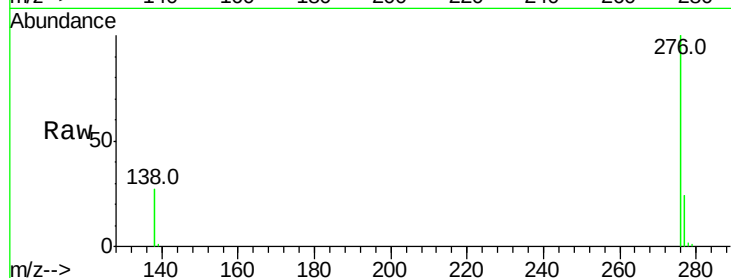
Acq: 11 May 2017 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



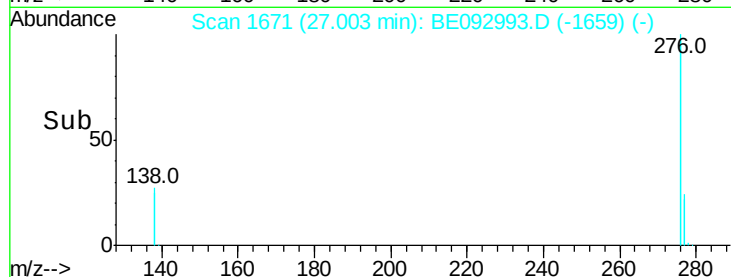
Tot Ion:276 Resp: 68167

Ion Ratio Lower Upper

276 100

277 24.4 21.2 31.8

138 27.1 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

