

Data File : BE092753.D
Acq On : 20 Feb 2017 22:52
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 21 00:53:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	16291	5.00	ng	0.00
7) Naphthalene-d8	10.88	136	81863	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	51773	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	107987	5.00	ng	0.00
24) Chrysene-d12	21.70	240	96305	5.00	ng	0.00
31) Perylene-d12	24.02	264	100538	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.62	112	1531	0.48	ng	-0.02
5) Phenol-d6	7.29	99	2287	0.59	ng	-0.02
8) Nitrobenzene-d5	9.29	82	2119	0.46	ng	-0.02
13) 2,4,6-Tribromophenol	16.26	330	569	0.52	ng	-0.02
14) 2-Fluorobiphenyl	13.38	172	5378	0.43	ng	-0.02
26) Terphenyl-d14	20.12	244	6357	0.52	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	851	0.37	ng	96
3) n-Nitrosodimethylamine	3.72	42	908	0.50	ng	# 98
6) bis(2-Chloroethyl)ether	7.54	93	1867	0.43	ng	# 29
9) Naphthalene	10.93	128	7235	0.41	ng	97
10) Hexachlorobutadiene	11.22	225	1125	0.43	ng	98
11) 2-Methylnaphthalene	12.57	142	4457	0.40	ng	97
15) Acenaphthylene	14.48	152	31007	0.40	ng	100
16) Acenaphthene	14.82	154	4665	0.41	ng	89
17) Fluorene	15.81	166	5779	0.40	ng	97
19) Hexachlorobenzene	16.84	284	1595	0.38	ng	# 39
20) Pentachlorophenol	17.21	266	377	0.55	ng	96
21) Phenanthrene	17.56	178	9436	0.37	ng	96
22) Anthracene	17.65	178	9426	0.40	ng	98
23) Fluoranthene	19.56	202	41611	0.38	ng	99
25) Pyrene	19.92	202	44639	0.49	ng	100
27) Benzo(a)anthracene	21.68	228	41656	0.45	ng	# 76
28) Chrysene	21.68	228	41655	0.38	ng	# 59
29) Bis(2-ethylhexyl)phthalate	21.59	149	8389	0.70	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.48	276	47704	0.44	ng	97
32) Benzo(b)fluoranthene	23.30	252	10373	0.42	ng	99
33) Benzo(k)fluoranthene	23.35	252	11098	0.40	ng	96
34) Benzo(a)pyrene	23.91	252	10074	0.39	ng	99
35) Dibenzo(a,h)anthracene	26.50	278	9705	0.39	ng	98
36) Benzo(g,h,i)perylene	27.23	276	40080	0.38	ng	99

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

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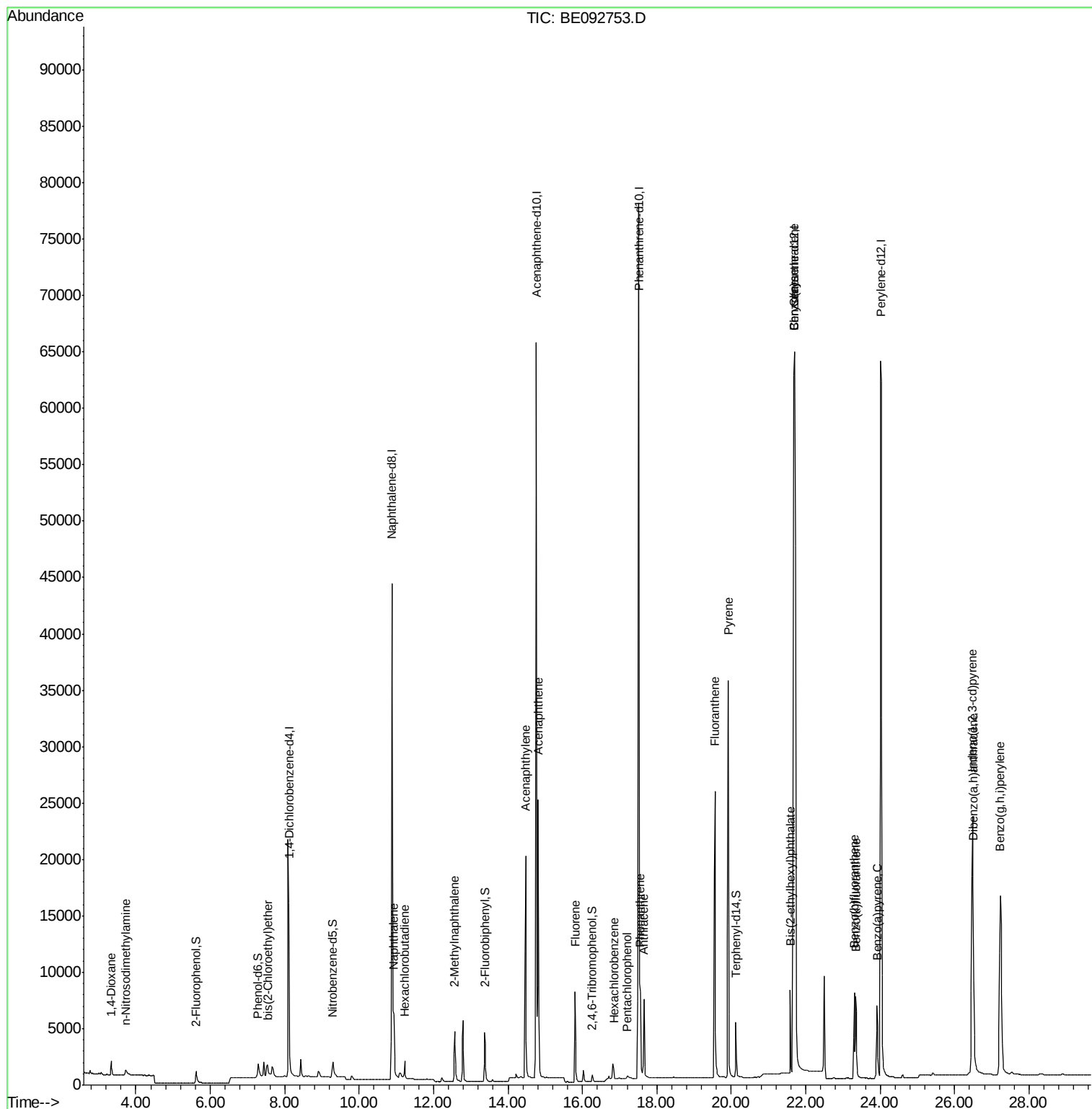
Quant Time: Feb 21 00:53:03 2017

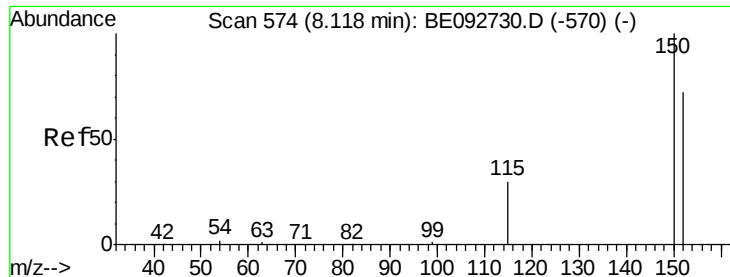
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.00 min

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Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

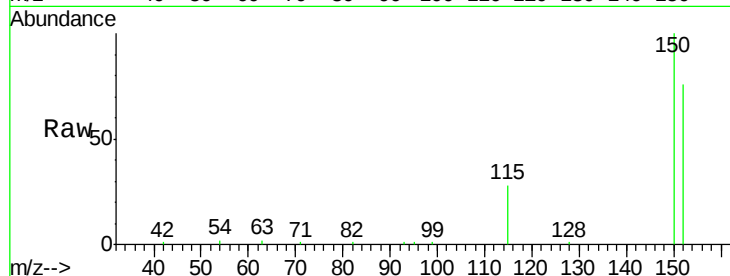
Tgt Ion:152 Resp: 16291

Ion Ratio Lower Upper

152 100

150 131.4 106.0 159.0

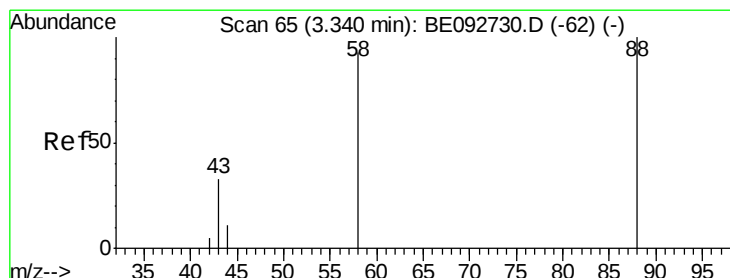
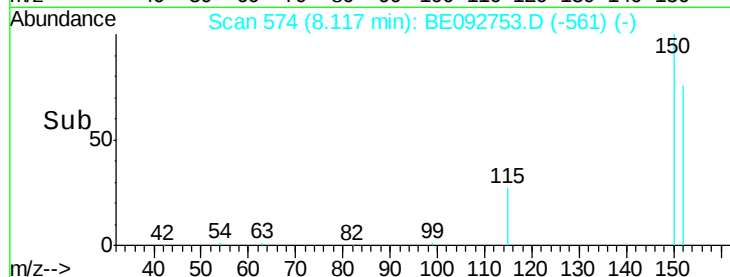
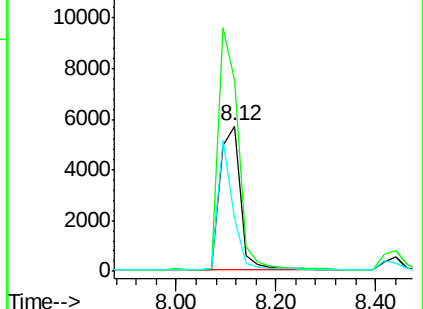
115 36.7 31.2 46.8



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: 0.37 ng

RT: 3.34 min Scan# 65

Delta R.T. 0.00 min

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Acq: 20 Feb 2017 22:52

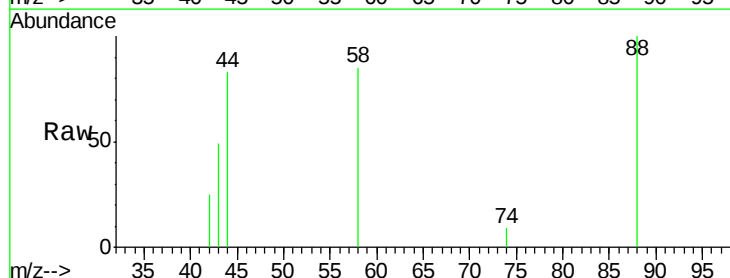
Tgt Ion: 88 Resp: 851

Ion Ratio Lower Upper

88 100

58 83.4 63.6 95.4

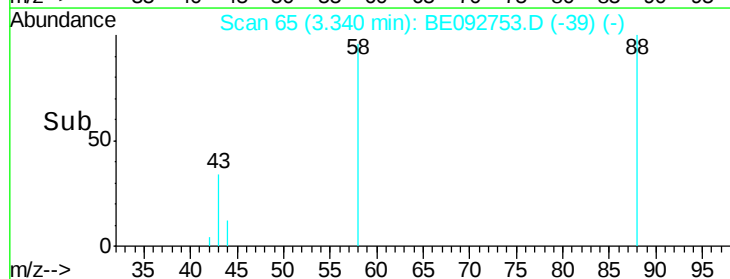
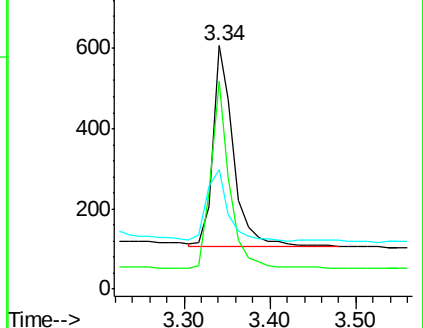
43 37.4 28.0 42.0

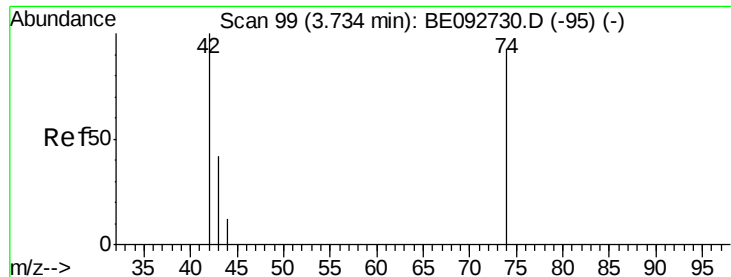


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.50 ng

RT: 3.72 min Scan# 98

Delta R.T. -0.01 min

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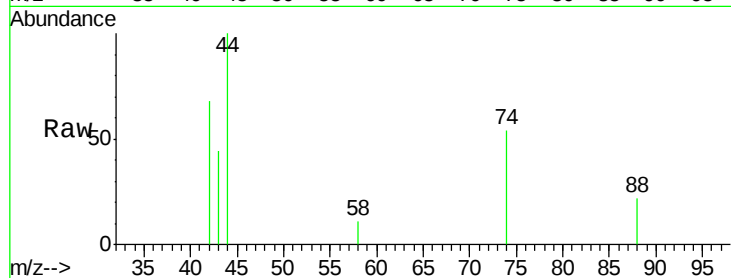
Tgt Ion: 42 Resp: 908

Ion Ratio Lower Upper

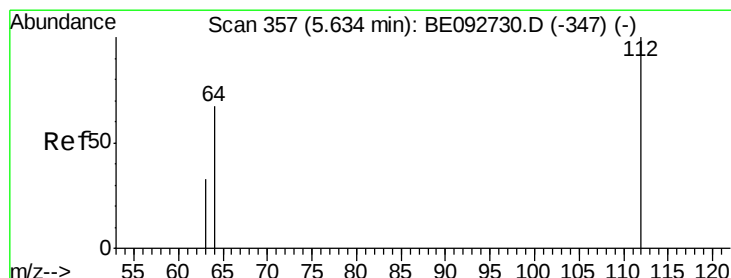
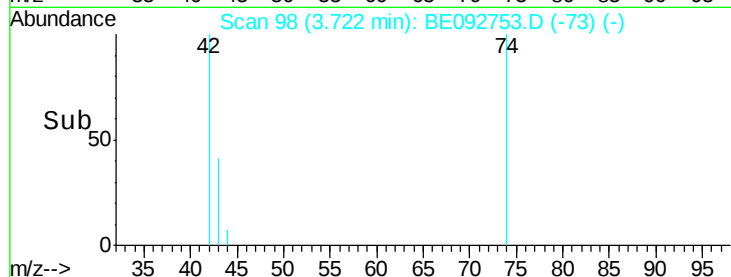
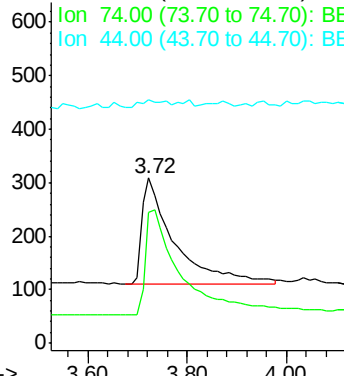
42 100

74 109.3 86.0 129.0

44 4.5 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: 0.48 ng

RT: 5.62 min Scan# 354

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

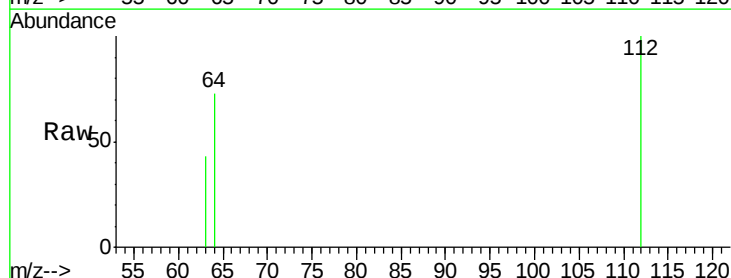
Tgt Ion: 112 Resp: 1531

Ion Ratio Lower Upper

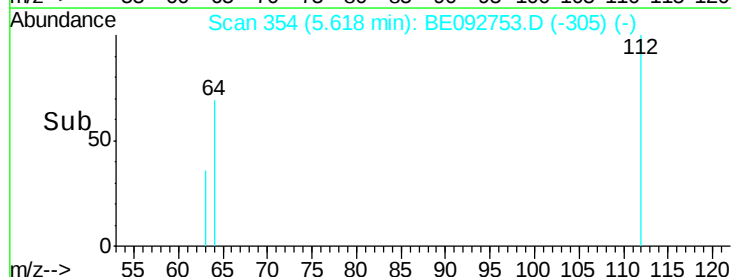
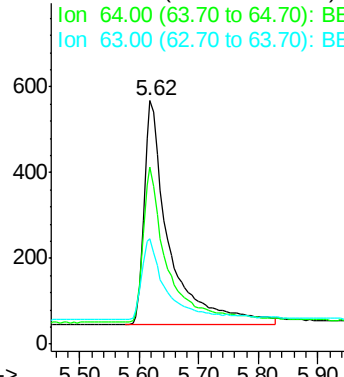
112 100

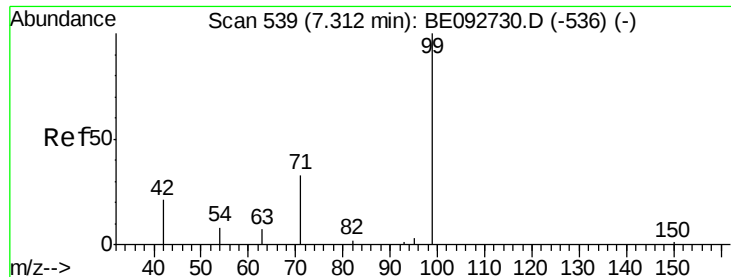
64 69.3 53.5 80.3

63 36.6 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: 0.59 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

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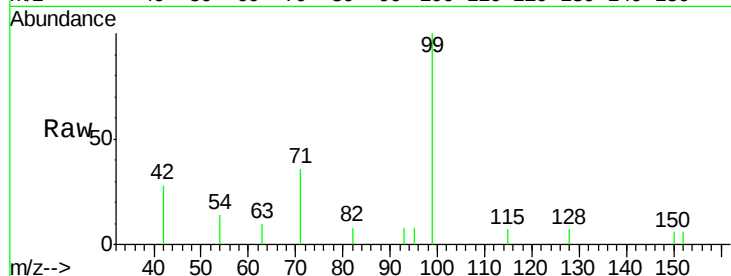
Tgt Ion: 99 Resp: 2287

Ion Ratio Lower Upper

99 100

42 23.3 16.0 24.0

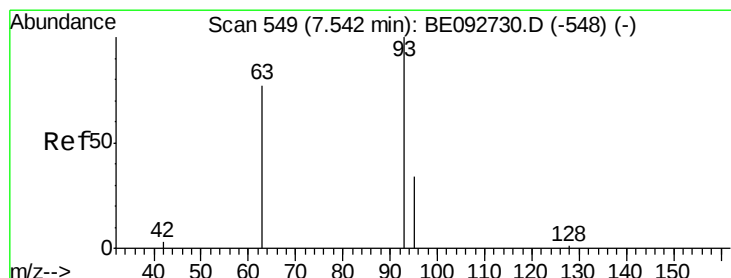
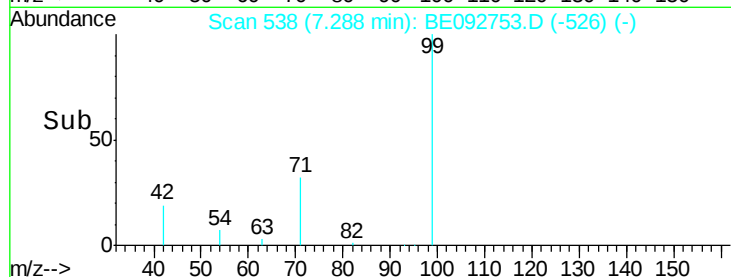
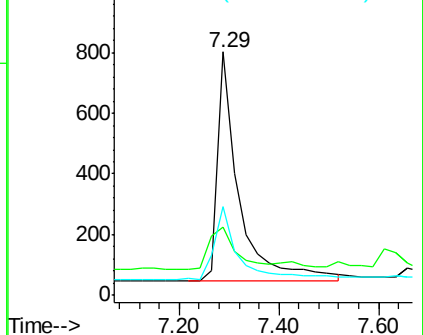
71 36.2 30.6 45.8



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: 0.43 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

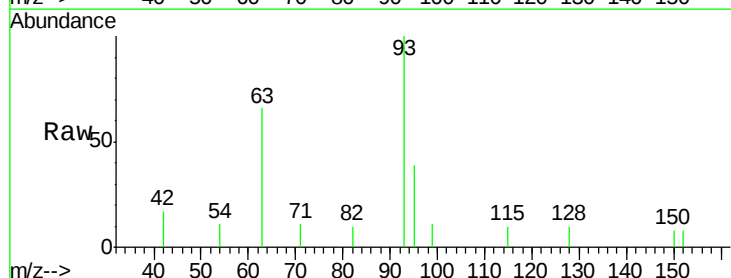
Tgt Ion: 93 Resp: 1867

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

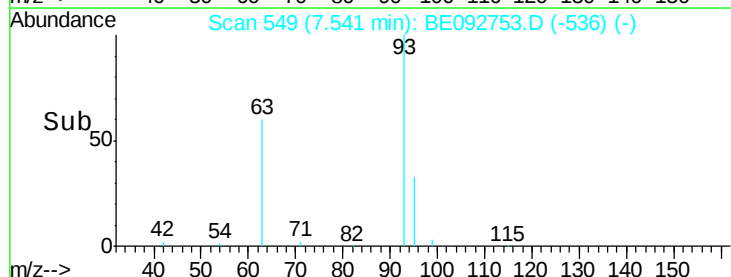
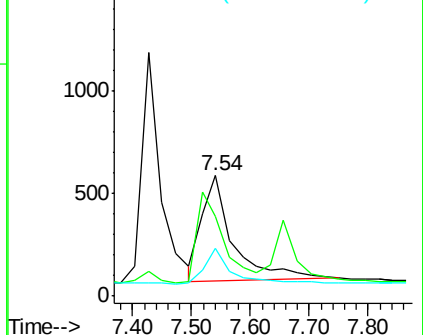
95 30.0 24.0 36.0

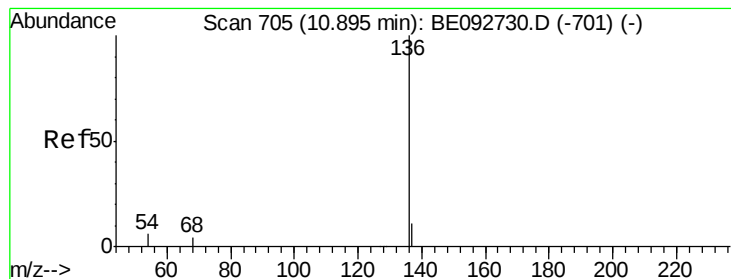


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

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Tgt Ion: 136 Resp: 81863

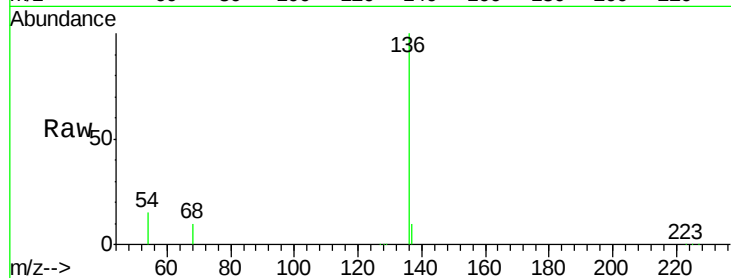
Ion Ratio Lower Upper

136 100

137 9.9 8.2 12.4

54 14.6 9.6 14.4#

68 9.6 6.7 10.1

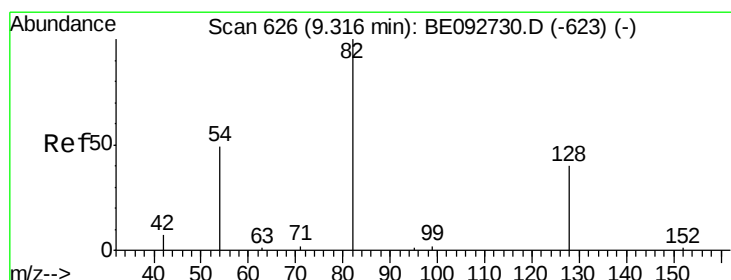
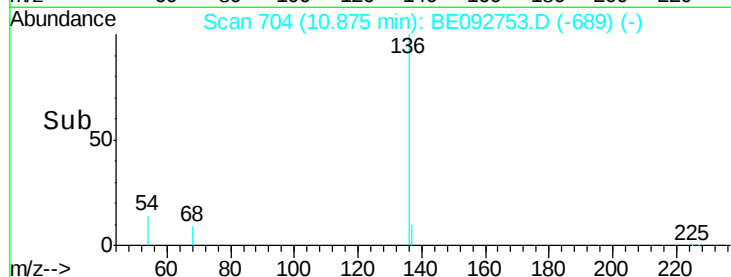
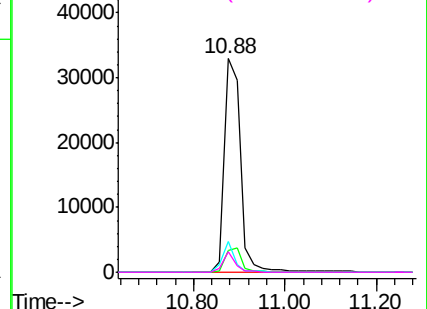


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

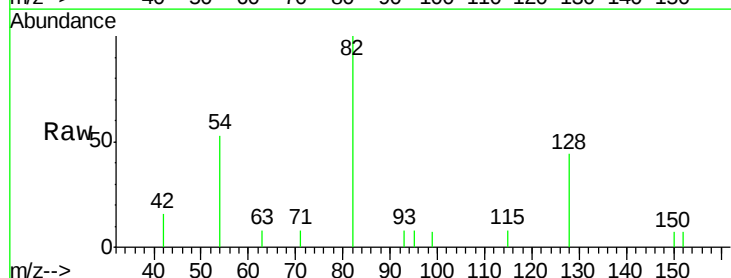
Tgt Ion: 82 Resp: 2119

Ion Ratio Lower Upper

82 100

128 43.9 39.0 58.4

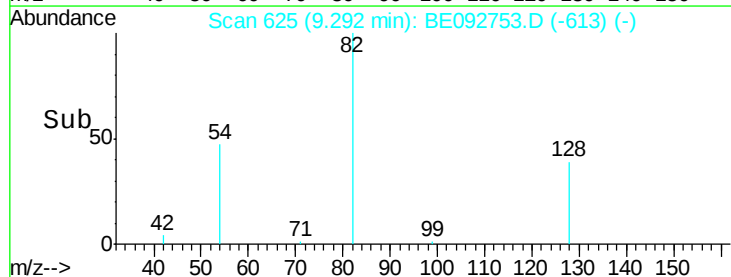
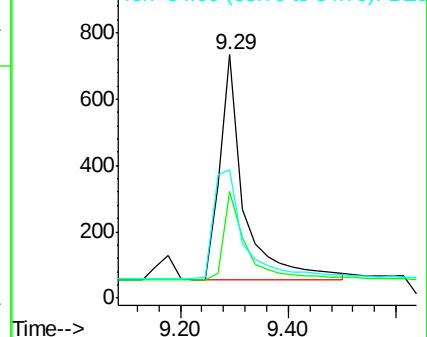
54 52.6 44.8 67.2

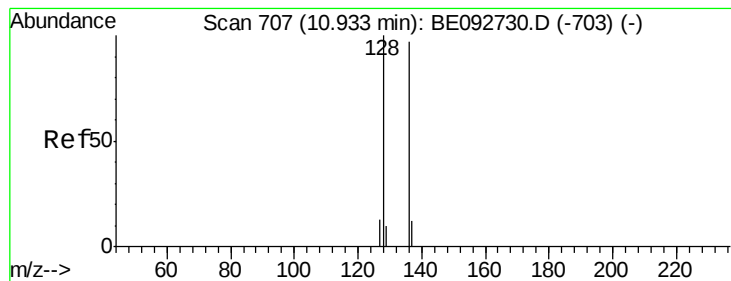


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.41 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

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ClientSampleId :

SSTDCCC0.4EC

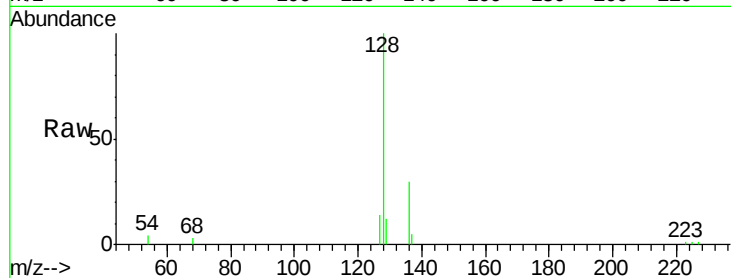
Tgt Ion:128 Resp: 7235

Ion Ratio Lower Upper

128 100

129 12.3 11.2 16.8

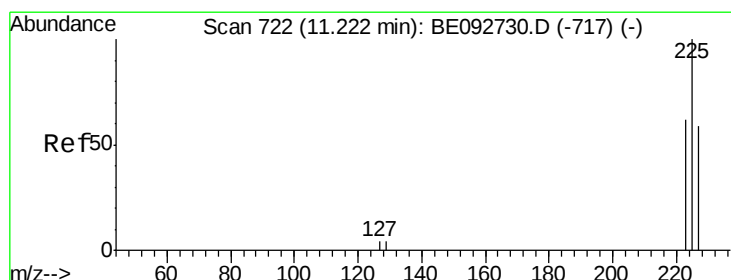
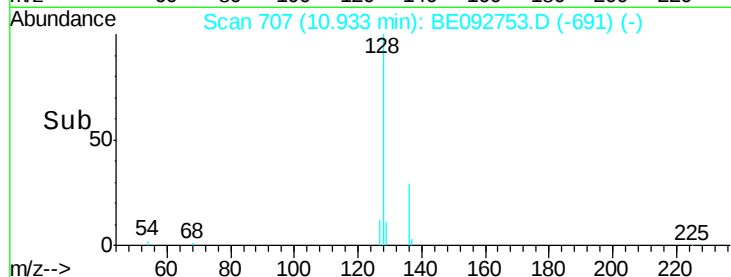
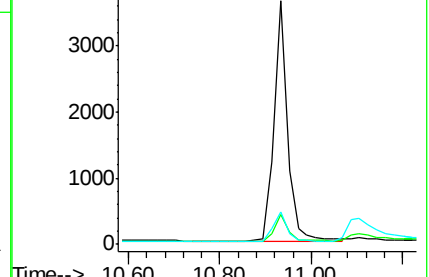
127 13.6 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.43 ng

RT: 11.22 min Scan# 722

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

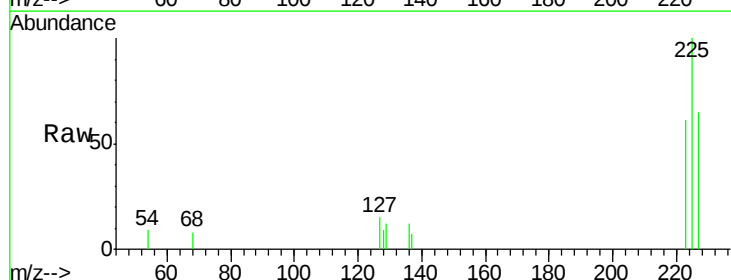
Tgt Ion:225 Resp: 1125

Ion Ratio Lower Upper

225 100

223 60.3 50.6 76.0

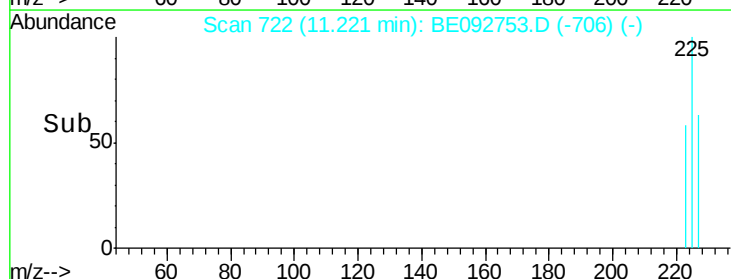
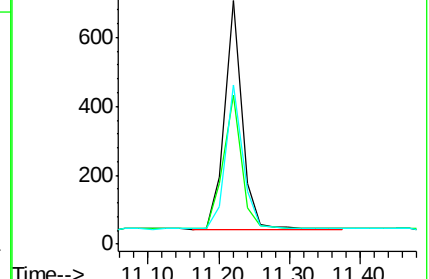
227 63.6 51.4 77.0

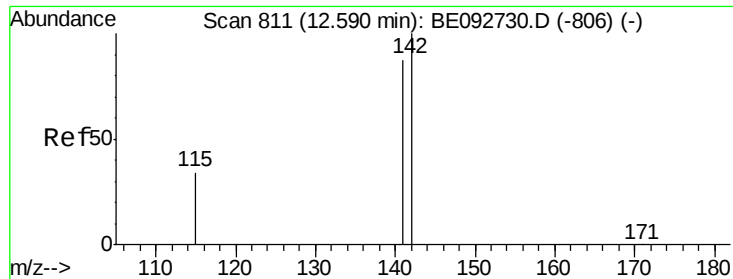


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

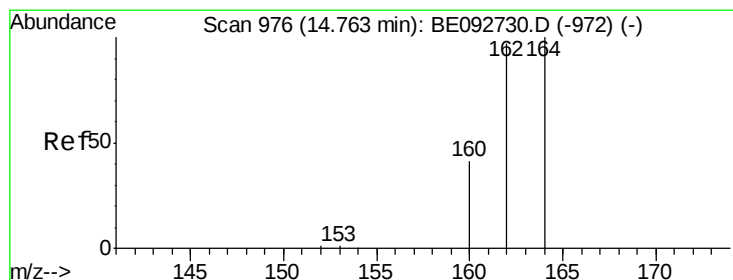
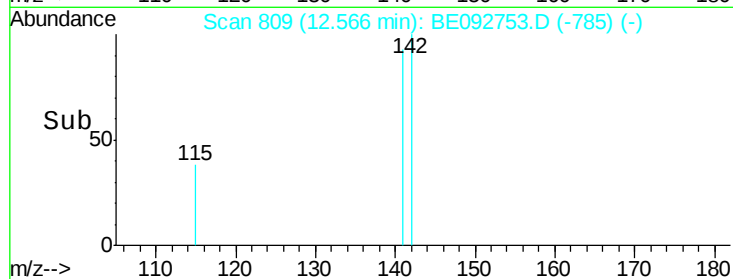
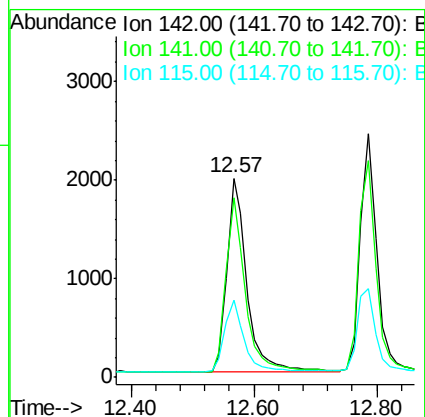
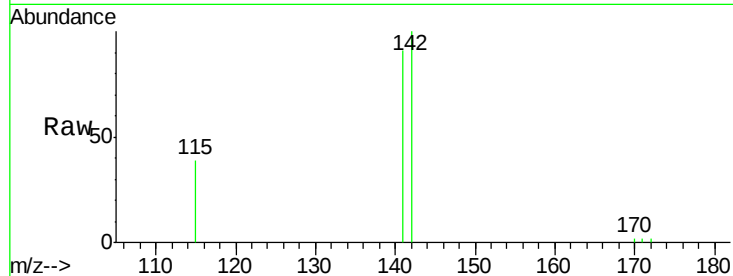




#11
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.57 min Scan# 809
Delta R.T. -0.02 min
Lab File: BE092753.D
Acq: 20 Feb 2017 22:52

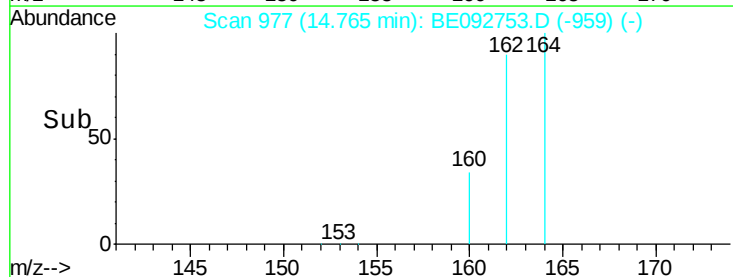
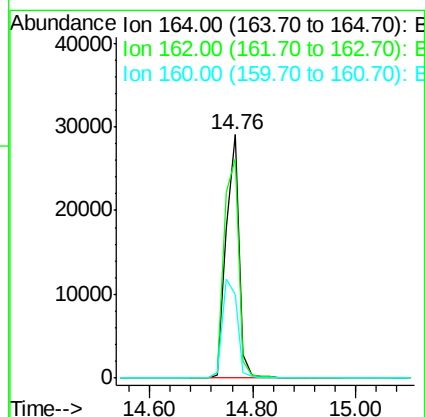
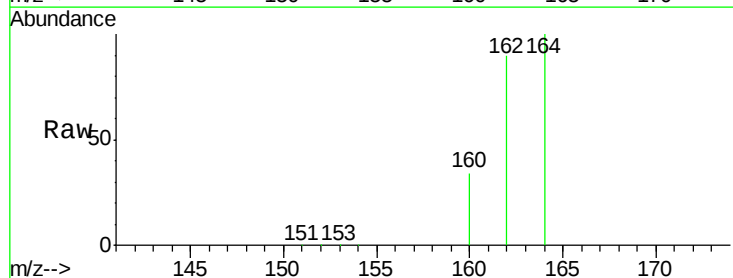
Instrument :
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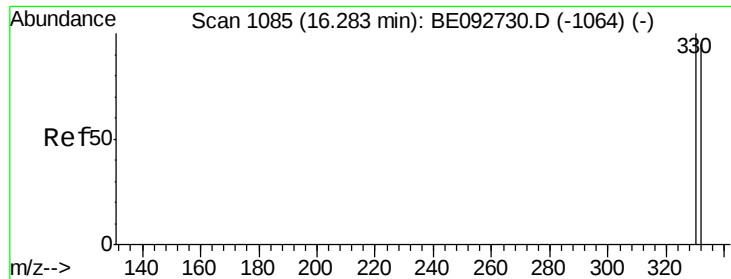
Tgt Ion:142 Resp: 4457
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5
115 38.8 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092753.D
Acq: 20 Feb 2017 22:52

Tgt Ion:164 Resp: 51773
Ion Ratio Lower Upper
164 100
162 90.2 71.4 107.0
160 34.4 27.4 41.2

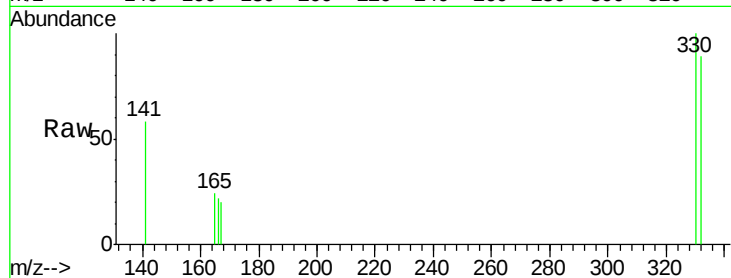




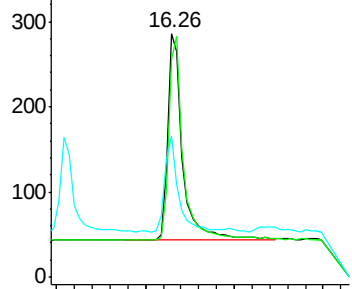
#13
 2,4,6-Tribromophenol
 Concen: 0.52 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092753.D
 Acq: 20 Feb 2017 22:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

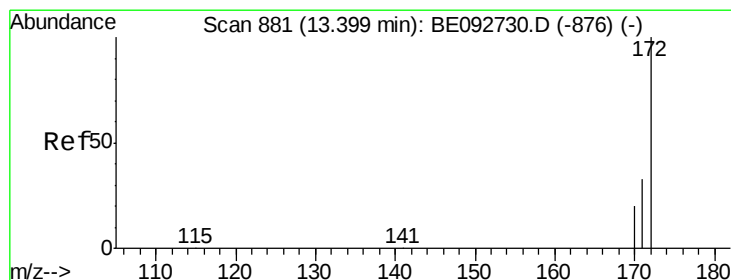
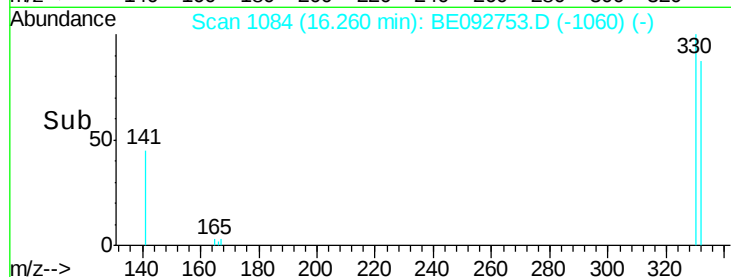
Tgt Ion: 330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 41.7 31.0 46.6



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

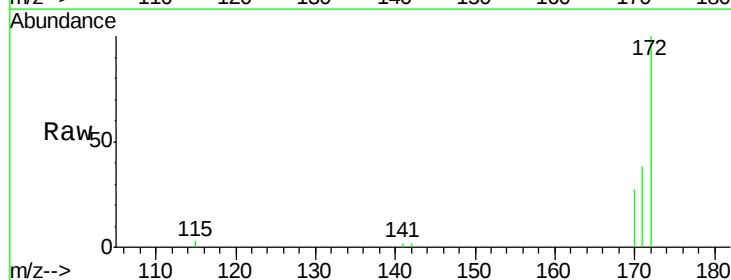


Time--> 16.00 16.20 16.40 16.60

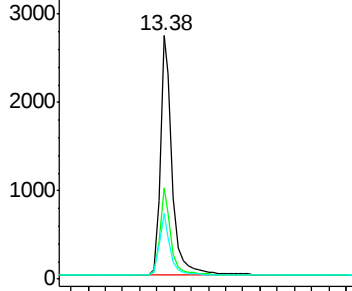


#14
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092753.D
 Acq: 20 Feb 2017 22:52

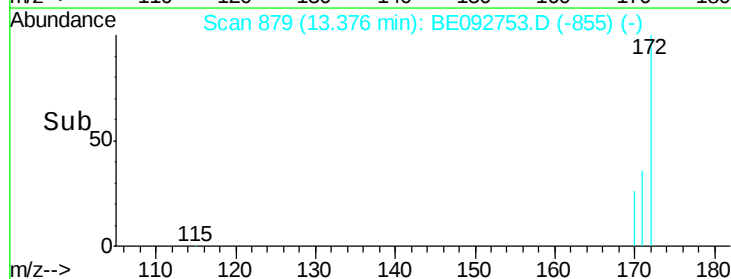
Tgt Ion: 172 Resp: 5378
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 26.8 21.8 32.6

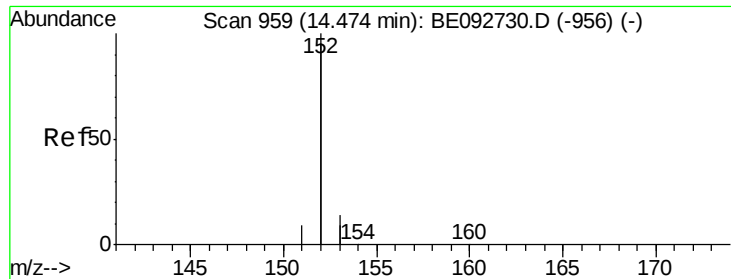


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.40 13.60





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.48 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

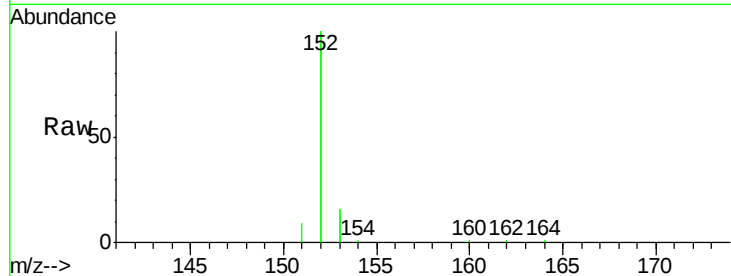
Tgt Ion:152 Resp: 31007

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

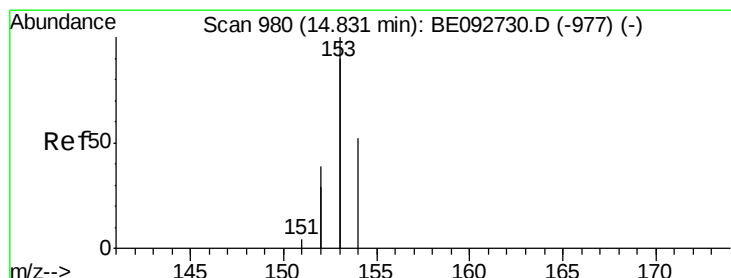
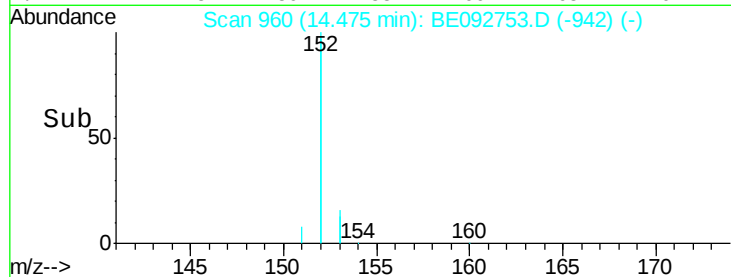
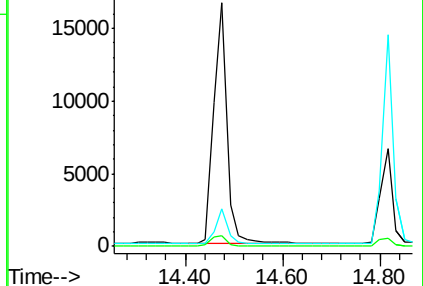
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.41 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

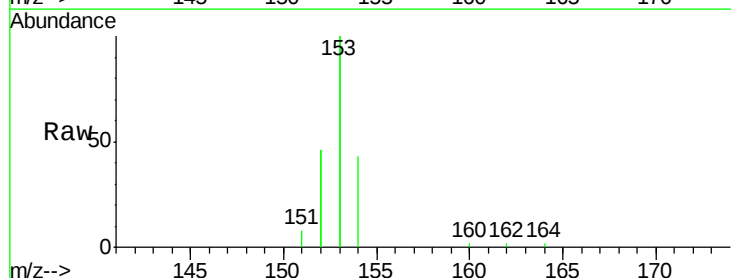
Tgt Ion:154 Resp: 4665

Ion Ratio Lower Upper

154 100

153 466.6 350.8 526.2

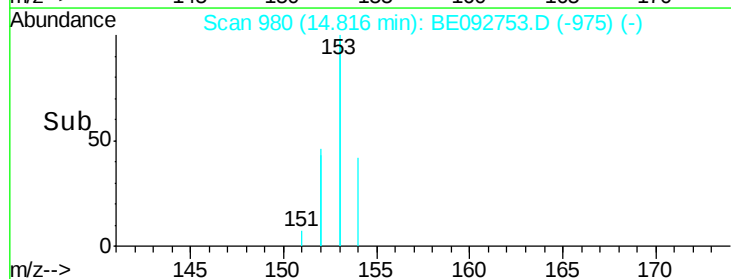
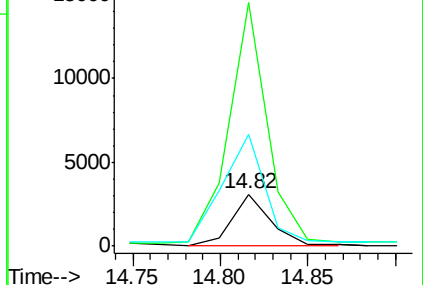
152 231.7 171.1 256.7

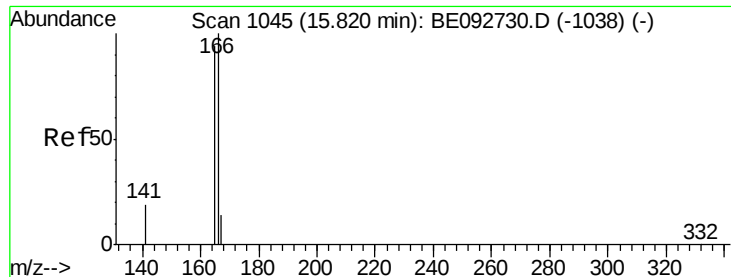


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

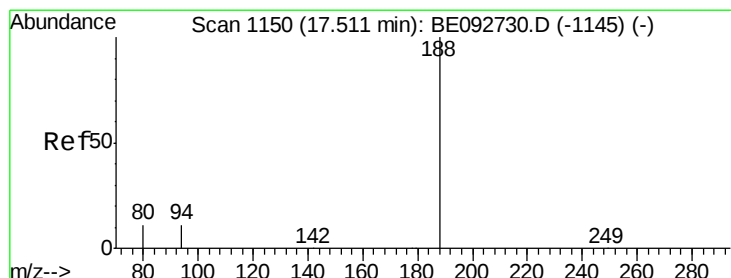
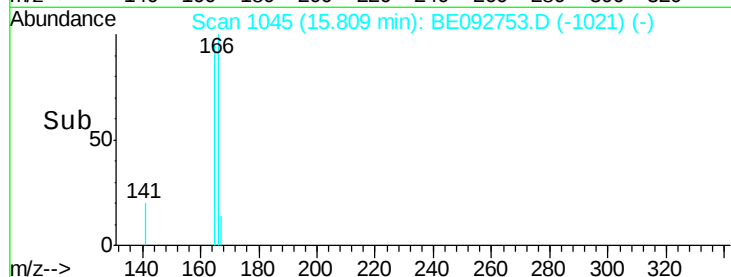
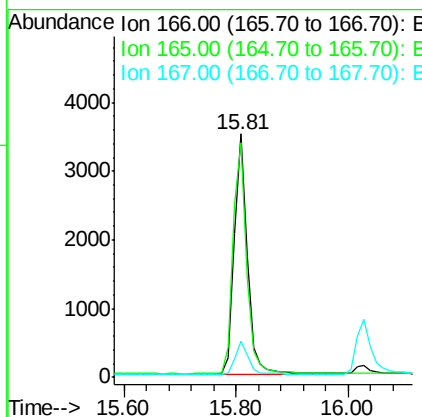
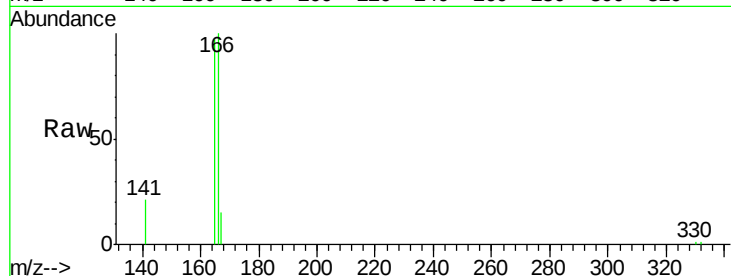




#17
Fluorene
 Concen: 0.40 ng
 RT: 15.81 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BE092753.D
 Acq: 20 Feb 2017 22:52

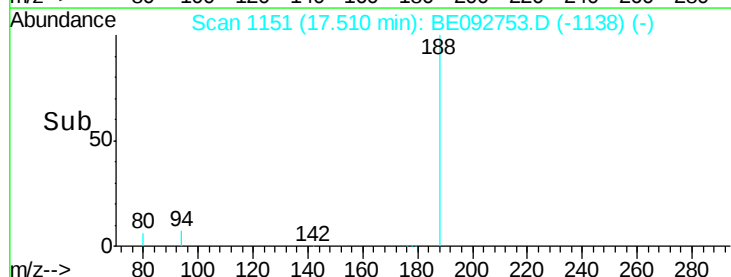
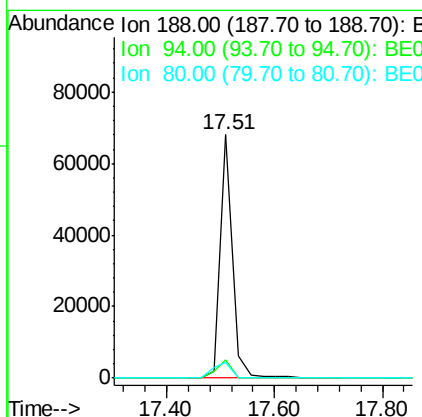
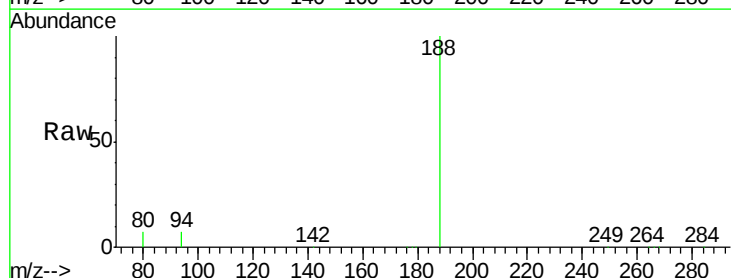
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

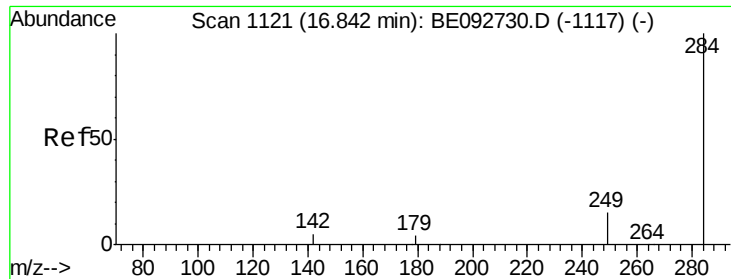
Tgt Ion:166 Resp: 5779
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BE092753.D
 Acq: 20 Feb 2017 22:52

Tgt Ion:188 Resp: 107987
 Ion Ratio Lower Upper
 188 100
 94 7.4 3.2 4.8#
 80 6.5 2.6 3.8#

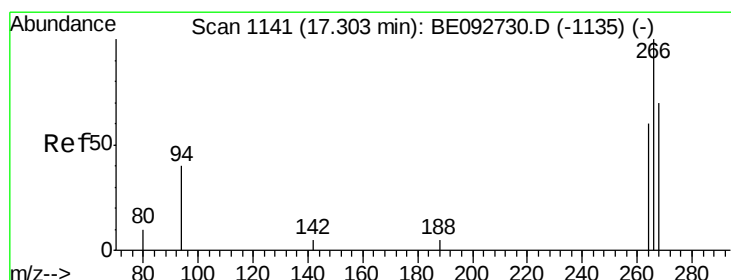
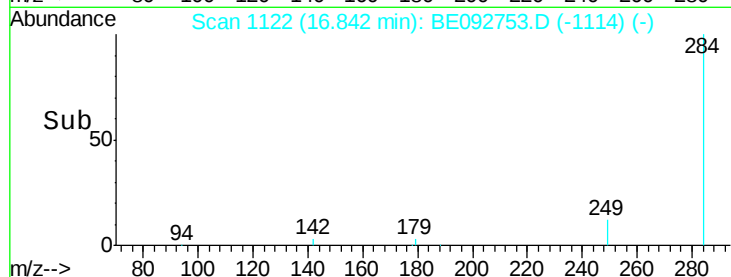
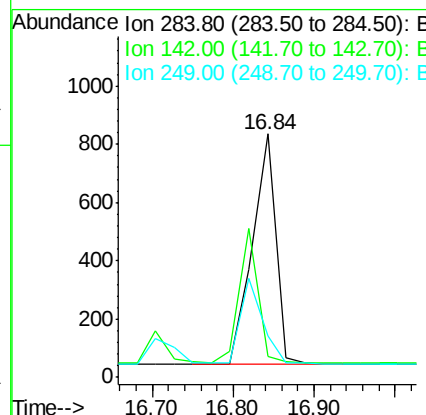
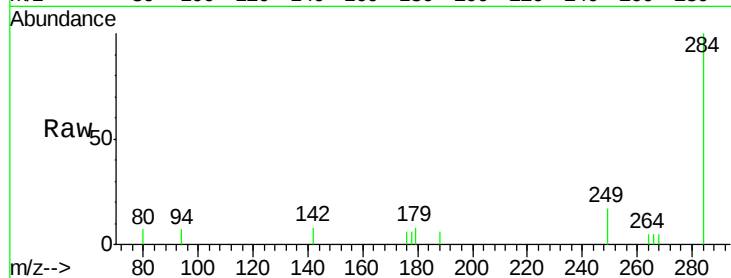




#19
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.84 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092753.D
Acq: 20 Feb 2017 22:52

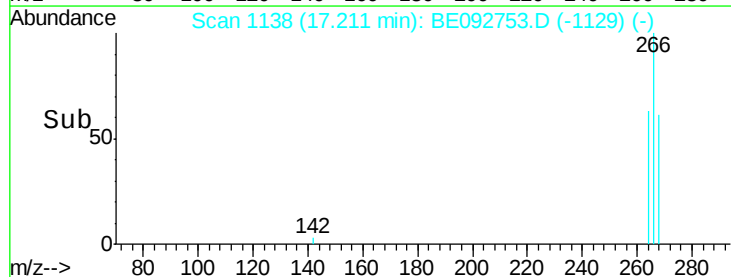
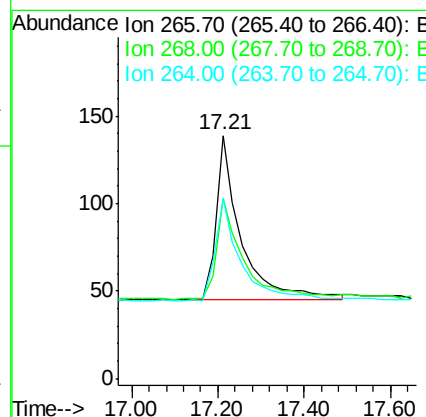
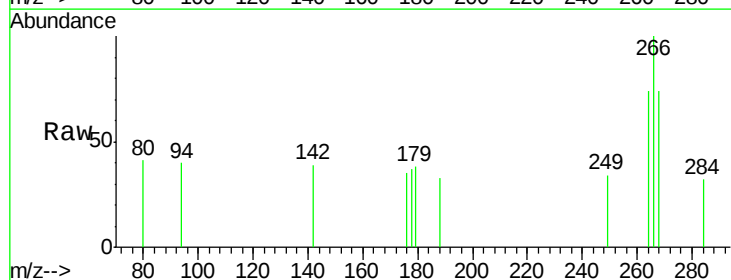
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

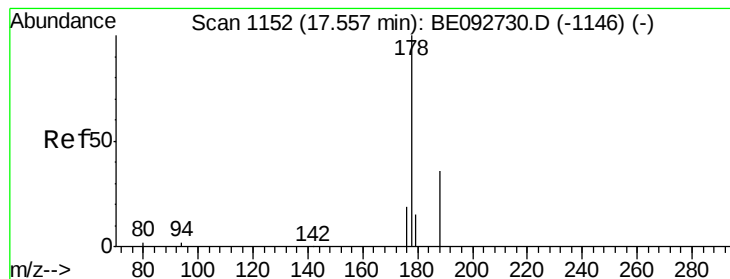
Tgt Ion: 284 Resp: 1595
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 0.55 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BE092753.D
Acq: 20 Feb 2017 22:52

Tgt Ion: 266 Resp: 377
Ion Ratio Lower Upper
266 100
268 74.1 62.5 93.7
264 74.1 57.2 85.8





#21

Phenanthrene

Concen: 0.37 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

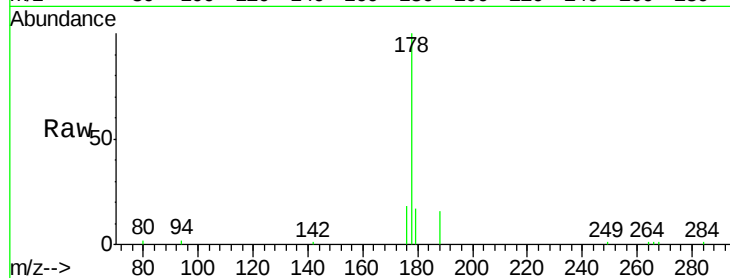
Tgt Ion:178 Resp: 9436

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

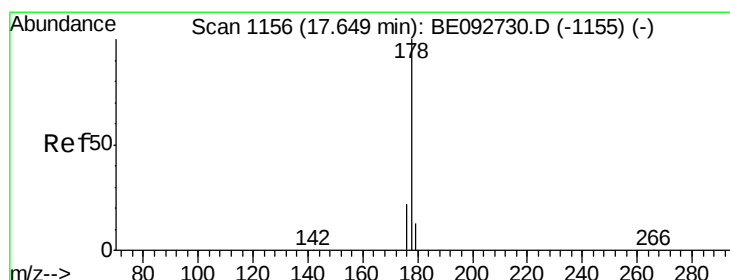
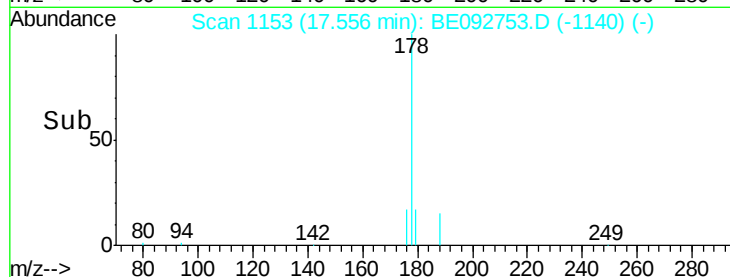
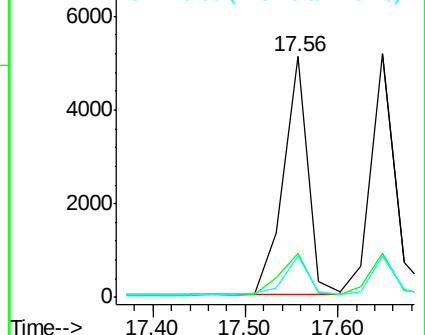
179 16.5 16.0 24.0



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: 0.40 ng

RT: 17.65 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

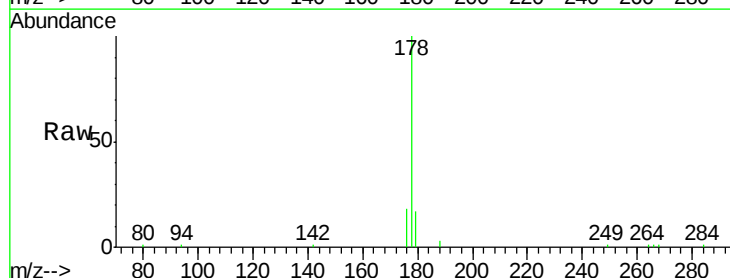
Tgt Ion:178 Resp: 9426

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

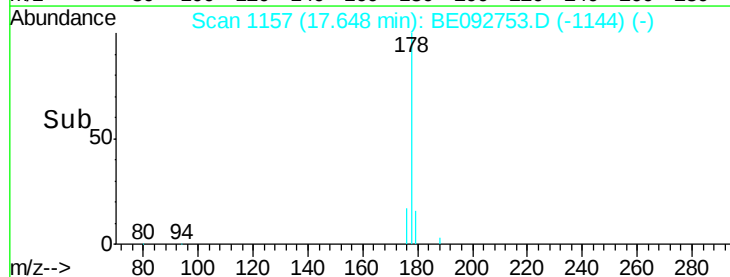
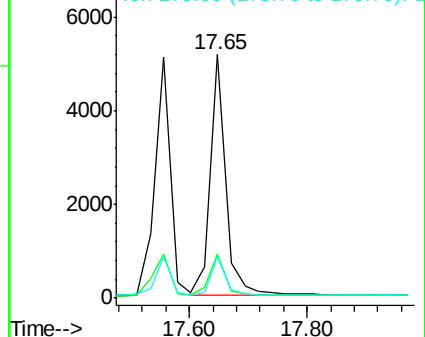
179 16.2 12.2 18.2

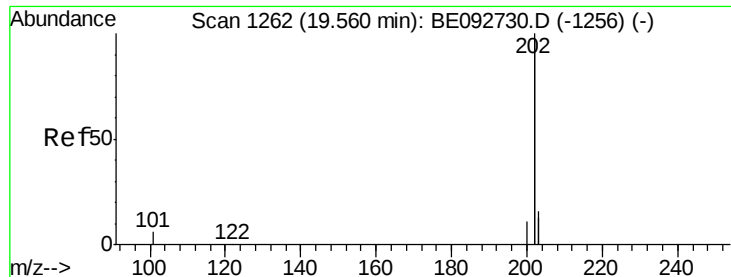


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.56 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

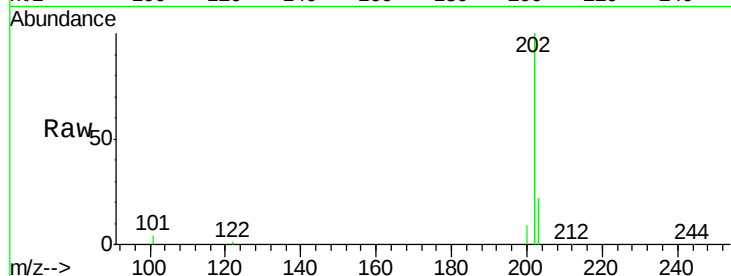
Tgt Ion:202 Resp: 41611

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

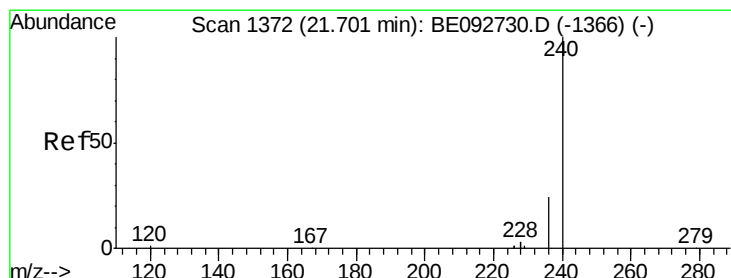
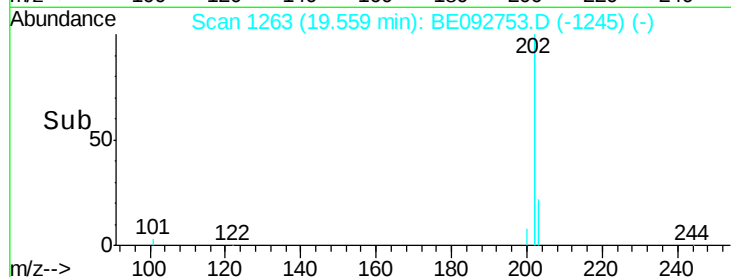
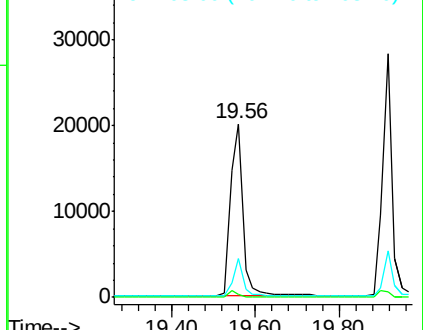
203 17.6 13.7 20.5



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: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

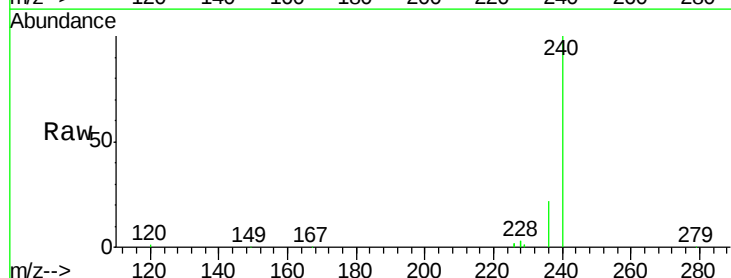
Tgt Ion:240 Resp: 96305

Ion Ratio Lower Upper

240 100

120 0.8 2.6 4.0#

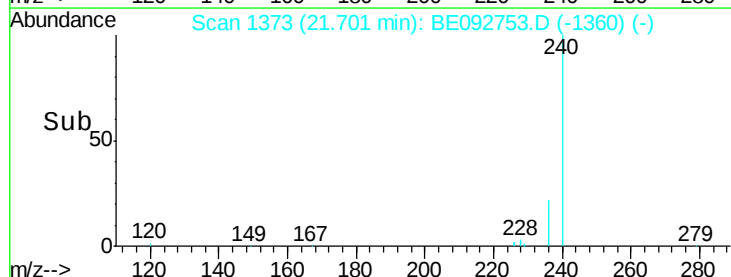
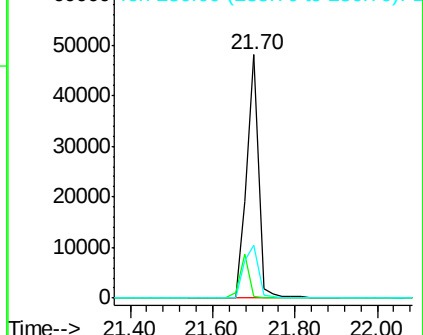
236 21.8 24.6 37.0#

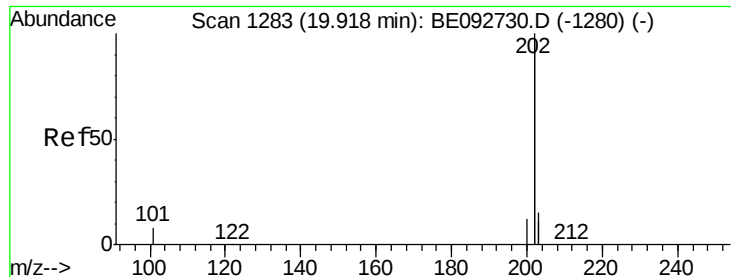


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

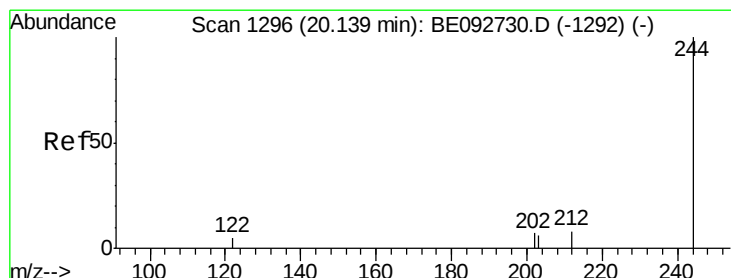
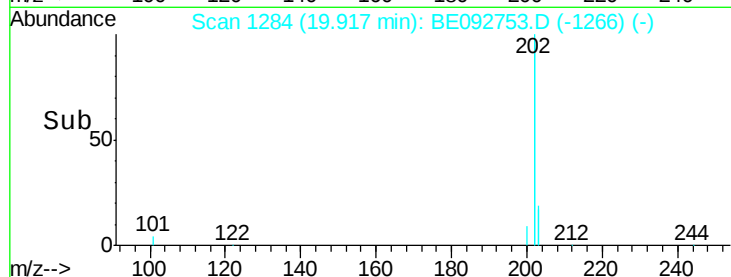
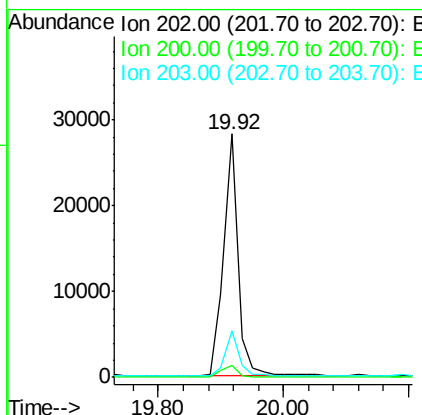
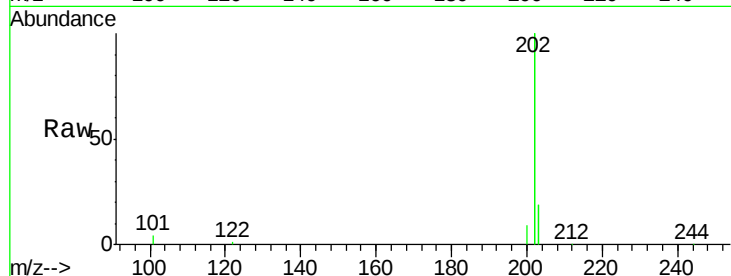




#25
 Pyrene
 Concen: 0.49 ng
 RT: 19.92 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BE092753.D
 Acq: 20 Feb 2017 22:52

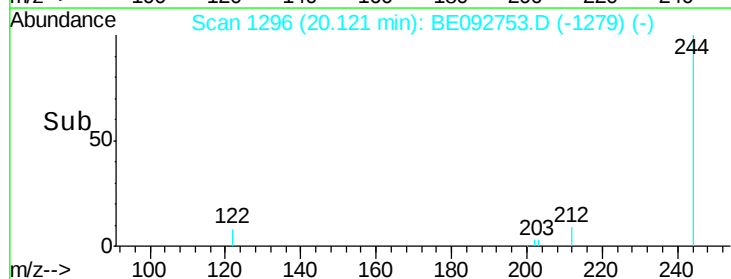
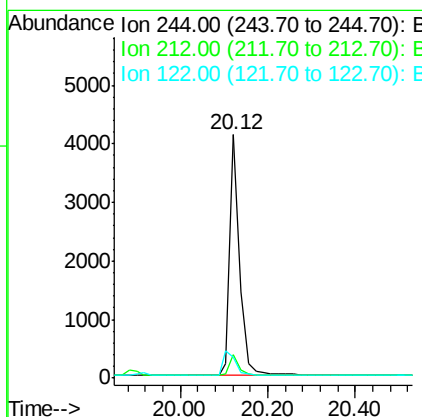
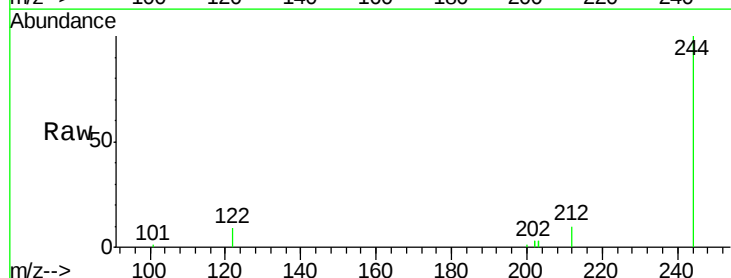
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

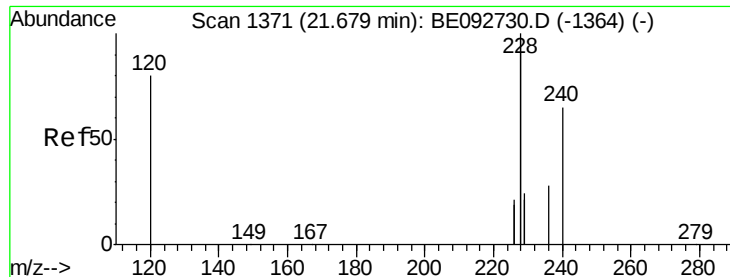
Tgt Ion: 202 Resp: 44639
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.6 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.52 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092753.D
 Acq: 20 Feb 2017 22:52

Tgt Ion: 244 Resp: 6357
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.7 10.1
 122 8.8 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.45 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

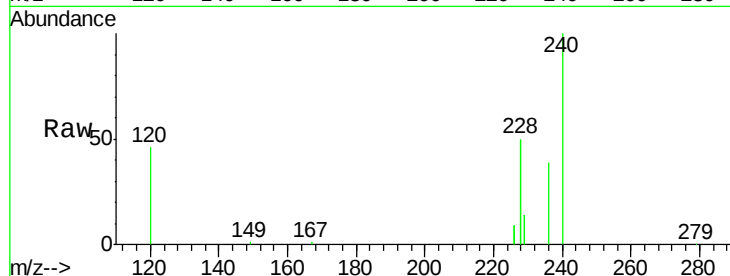
Tgt Ion:228 Resp: 41656

Ion Ratio Lower Upper

228 100

226 17.6 23.6 35.4#

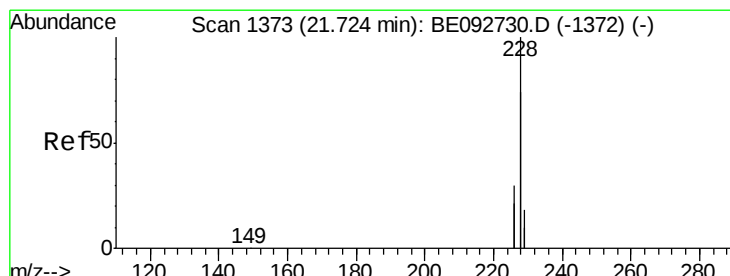
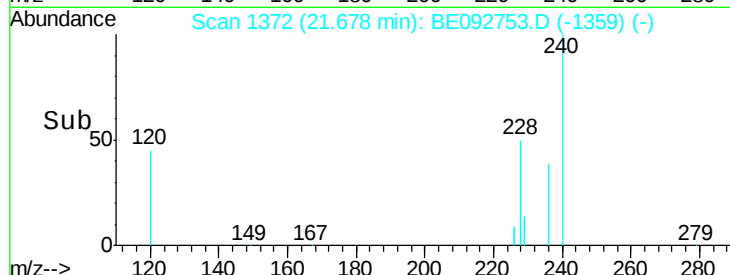
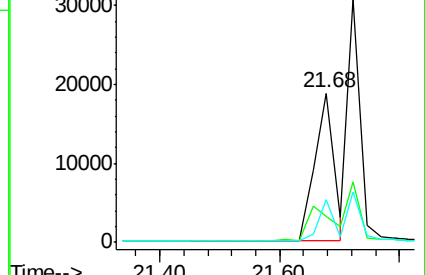
229 28.3 13.3 19.9#



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: 0.38 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.05 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

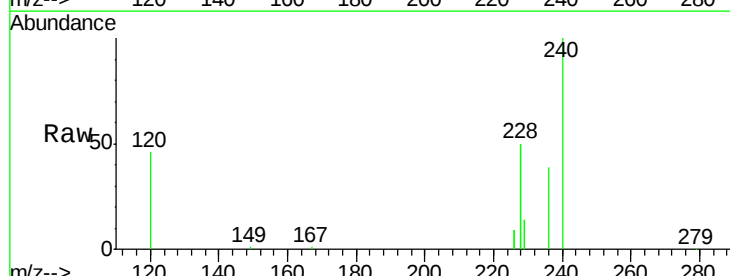
Tgt Ion:228 Resp: 41655

Ion Ratio Lower Upper

228 100

226 17.6 36.3 54.5#

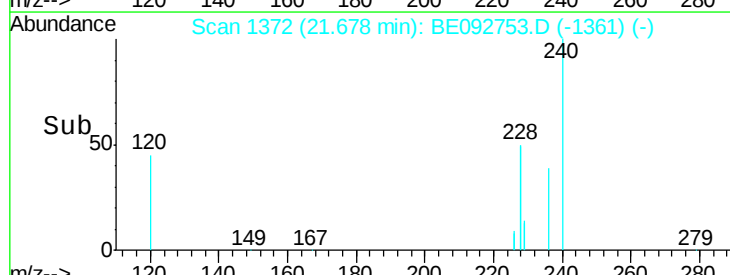
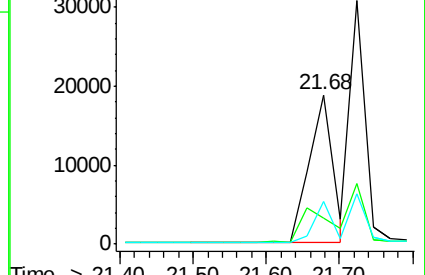
229 28.3 10.6 16.0#

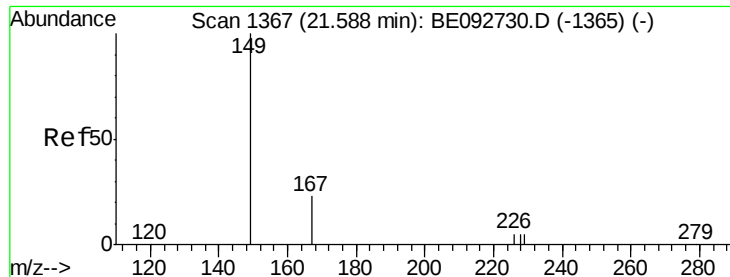


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.70 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

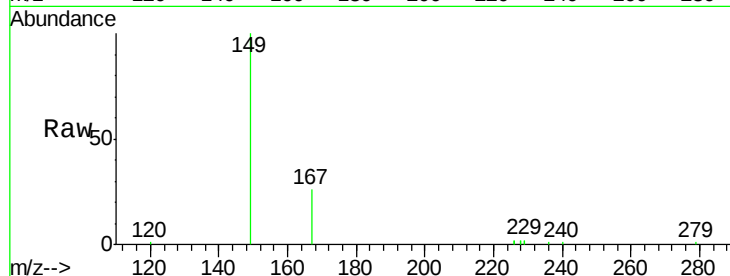
Tgt Ion:149 Resp: 8389

Ion Ratio Lower Upper

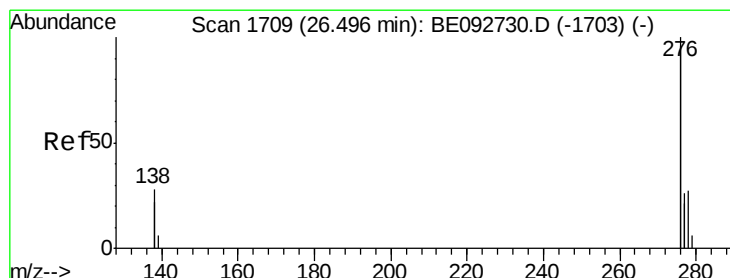
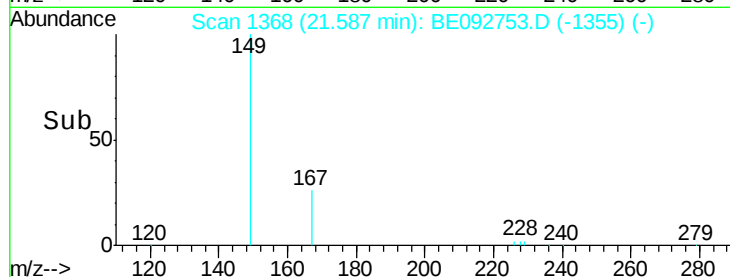
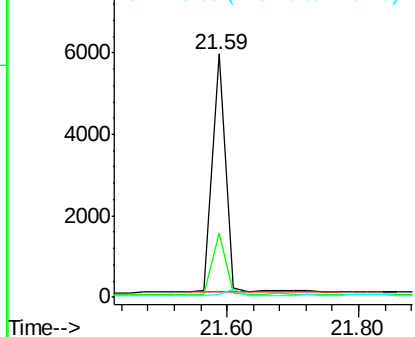
149 100

167 25.5 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: 0.44 ng

RT: 26.48 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

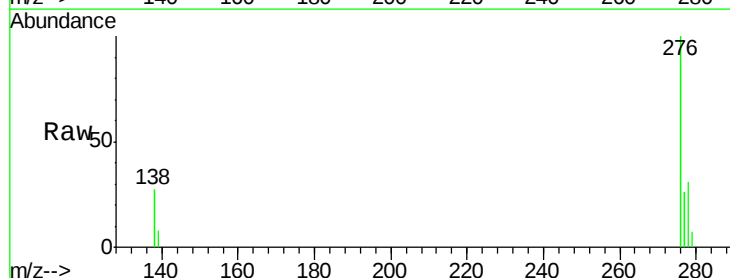
Tgt Ion:276 Resp: 47704

Ion Ratio Lower Upper

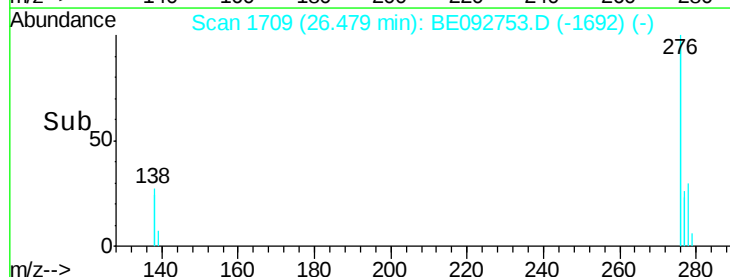
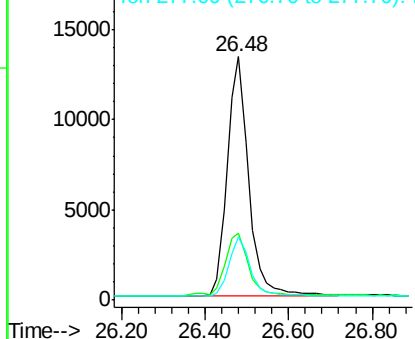
276 100

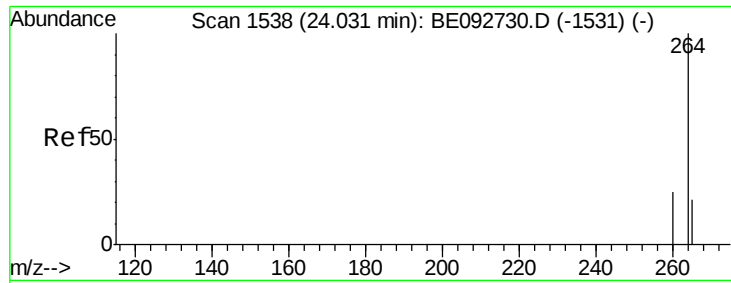
138 28.5 20.3 30.5

277 24.6 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

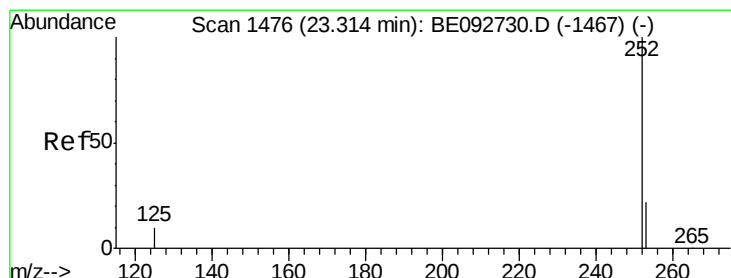
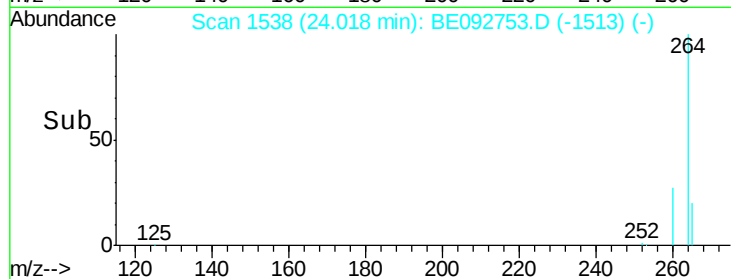
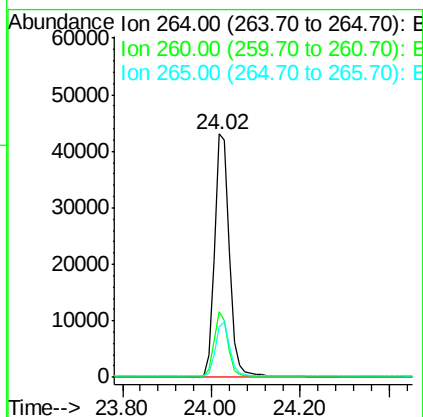
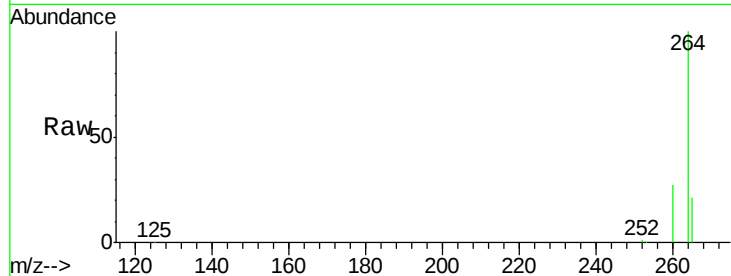




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BE092753.D
Acq: 20 Feb 2017 22:52

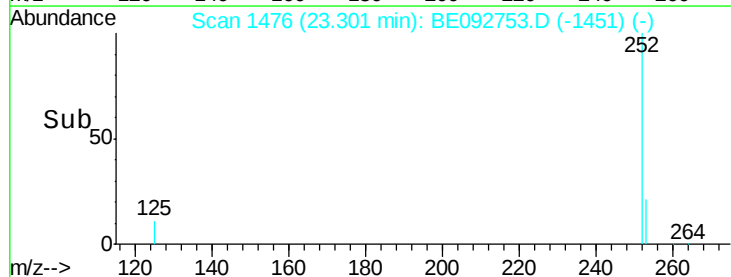
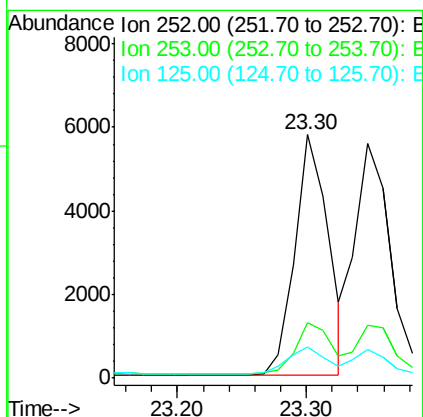
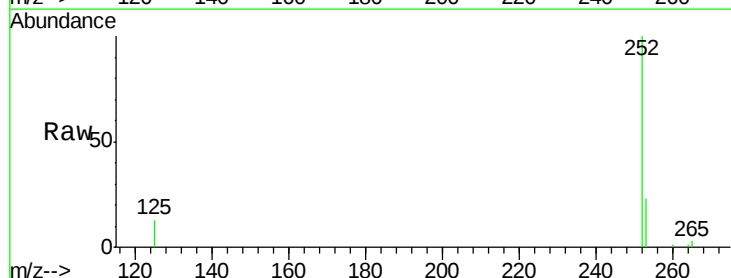
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

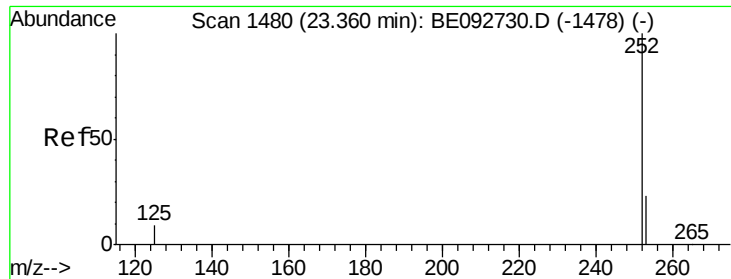
Tgt Ion: 264 Resp: 100538
Ion Ratio Lower Upper
264 100
260 26.8 20.1 30.1
265 20.7 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE092753.D
Acq: 20 Feb 2017 22:52

Tgt Ion: 252 Resp: 10373
Ion Ratio Lower Upper
252 100
253 22.7 18.7 28.1
125 12.6 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.35 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

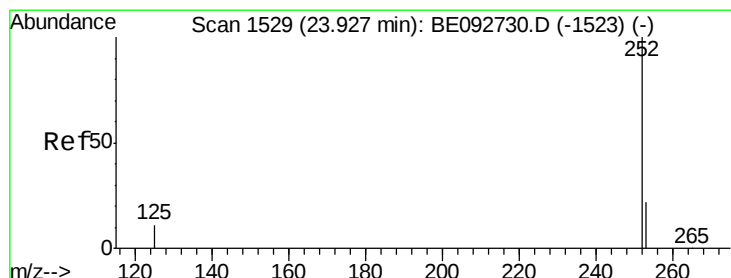
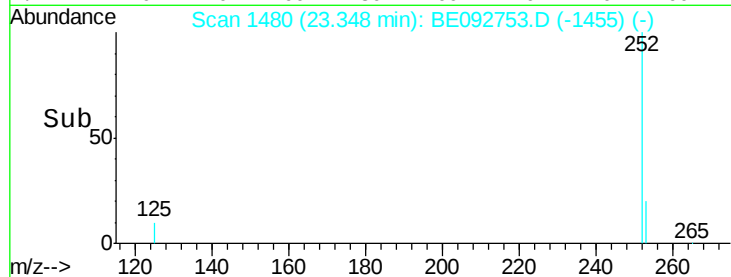
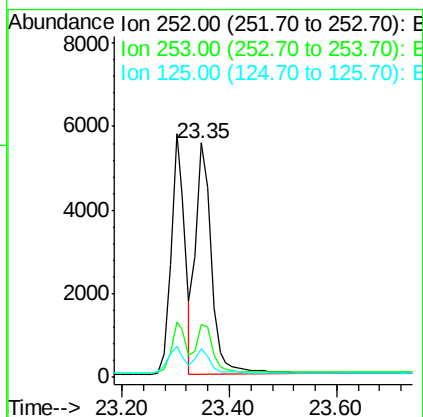
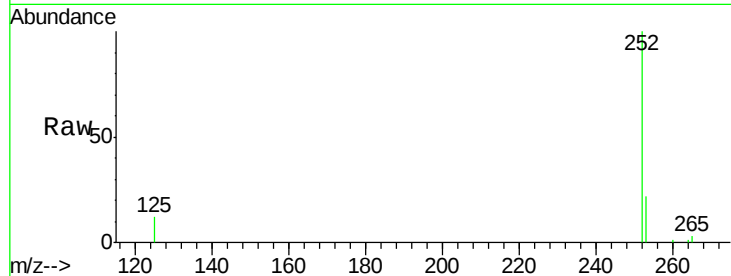
Tgt Ion:252 Resp: 11098

Ion Ratio Lower Upper

252 100

253 22.3 20.3 30.5

125 12.3 9.6 14.4



#34

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.91 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

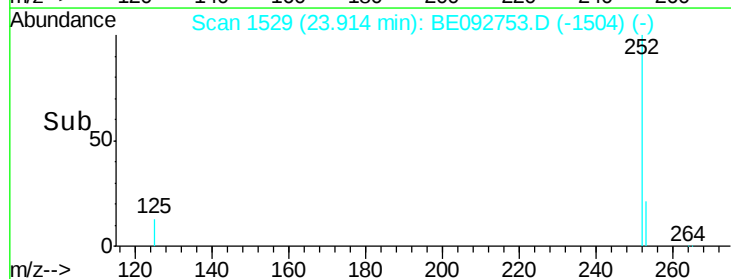
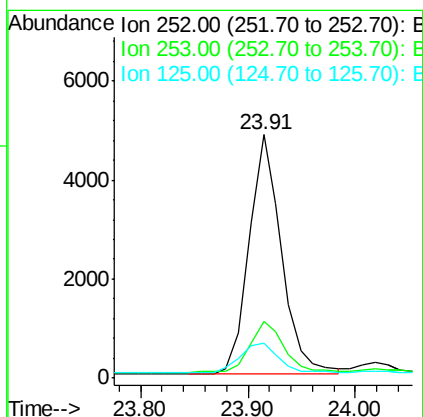
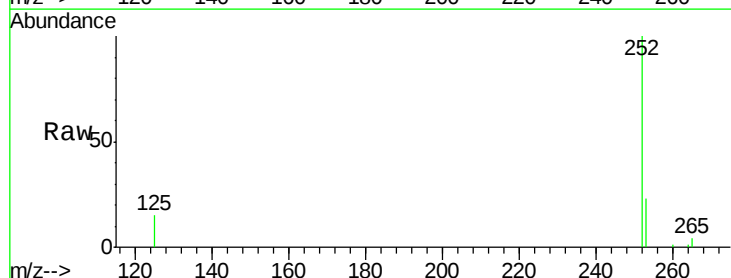
Tgt Ion:252 Resp: 10074

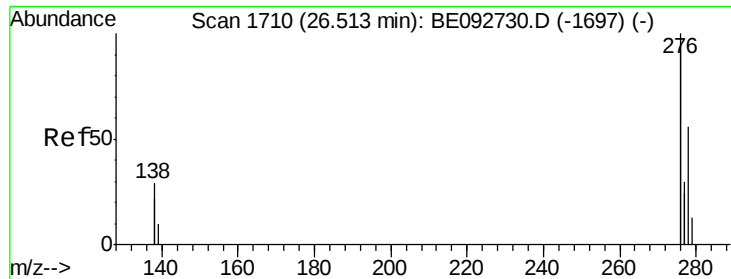
Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

125 14.6 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.50 min Scan# 1710

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

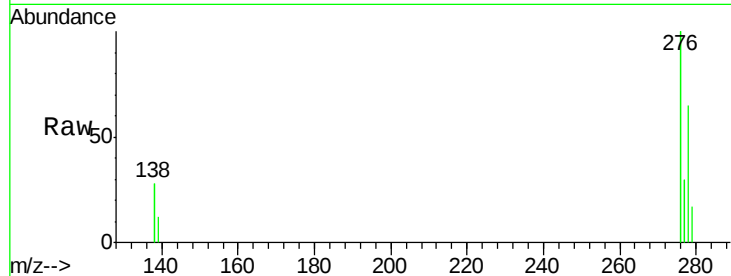
Tgt Ion:278 Resp: 9705

Ion Ratio Lower Upper

278 100

139 17.8 13.8 20.8

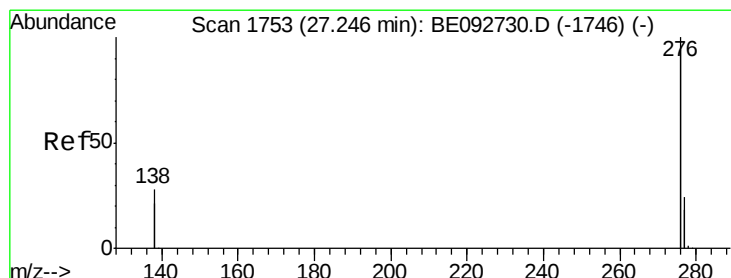
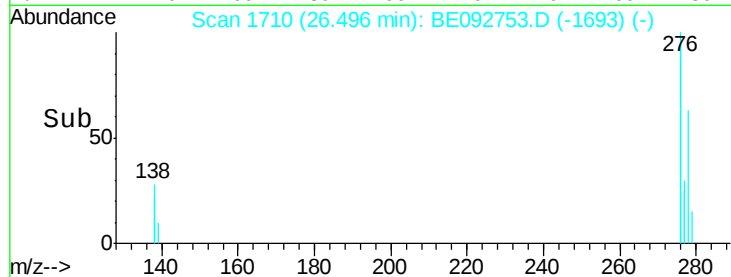
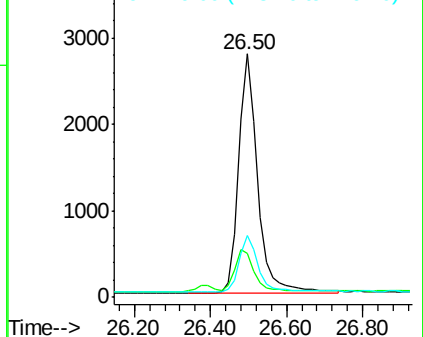
279 25.6 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.23 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BE092753.D

Acq: 20 Feb 2017 22:52

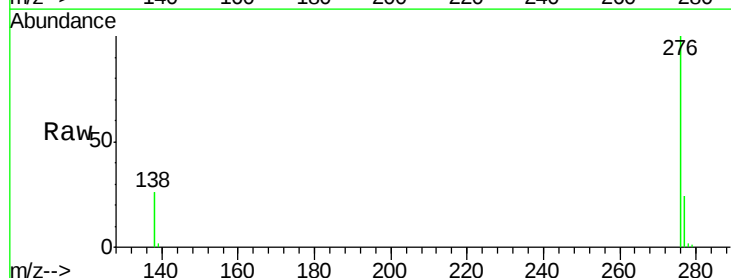
Tgt Ion:276 Resp: 40080

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 25.6 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

