

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042017\
 Data File : BE092904.D
 Acq On : 20 Apr 2017 17:35
 Operator : SJ/MA
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE042017

Quant Time: Apr 20 18:07:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	615	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2503	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1122	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2916	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2764	0.40	ng	0.00
33) Perylene-d12	23.69	264	2011	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	515	0.38	ng	0.00
5) Phenol-d6	6.94	99	720	0.39	ng	0.00
8) Nitrobenzene-d5	8.90	82	656	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1466	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	63	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2094	0.41	ng	0.00
24) Fluoranthene-d10	19.15	212	2631	0.38	ng	0.00
28) Terphenyl-d14	19.74	244	1901	0.40	ng	0.00

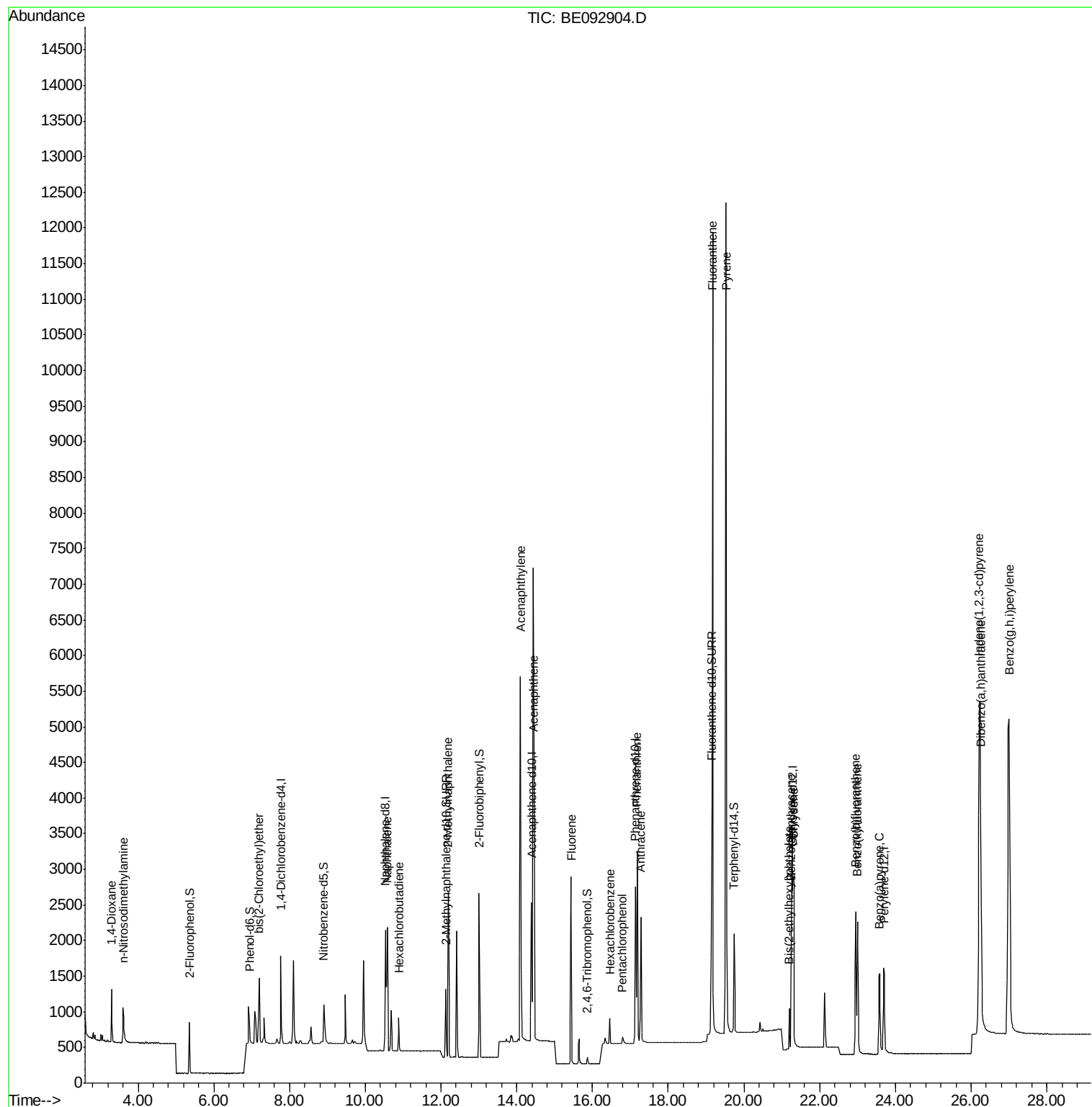
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	455	0.39	ng	97
3) n-Nitrosodimethylamine	3.61	42	354	0.40	ng	# 86
6) bis(2-Chloroethyl)ether	7.20	93	867	0.38	ng	99
9) Naphthalene	10.58	128	2600	0.39	ng	# 88
10) Hexachlorobutadiene	10.89	225	380	0.41	ng	94
12) 2-Methylnaphthalene	12.19	142	1604	0.39	ng	94
16) Acenaphthylene	14.10	152	6804	0.38	ng	100
17) Acenaphthene	14.45	154	1372	0.39	ng	91
18) Fluorene	15.44	166	1687	0.39	ng	98
20) Hexachlorobenzene	16.47	284	469	0.36	ng	# 100
21) Pentachlorophenol	16.79	266	82	0.41	ng	89
22) Phenanthrene	17.18	178	3266	0.39	ng	98
23) Anthracene	17.27	178	2389	0.37	ng	99
25) Fluoranthene	19.17	202	14191	0.39	ng	# 98
27) Pyrene	19.53	202	14432	0.40	ng	# 99
29) Benzo(a)anthracene	21.25	228	2461	0.38	ng	# 89
30) Chrysene	21.32	228	3350	0.41	ng	# 81
31) Bis(2-ethylhexyl)phthalate	21.20	149	674	0.41	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.22	276	11060	0.41	ng	99
34) Benzo(b)fluoranthene	22.95	252	2773	0.39	ng	# 84
35) Benzo(k)fluoranthene	23.00	252	2702	0.38	ng	# 82
36) Benzo(a)pyrene	23.59	252	2135	0.37	ng	# 79
37) Dibenzo(a,h)anthracene	26.25	278	2518	0.40	ng	# 80
38) Benzo(g,h,i)perylene	27.00	276	11118	0.40	ng	# 81

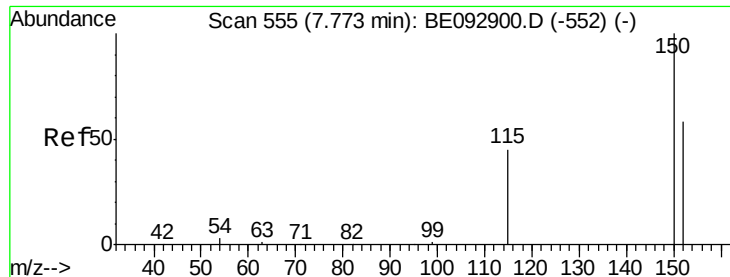
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

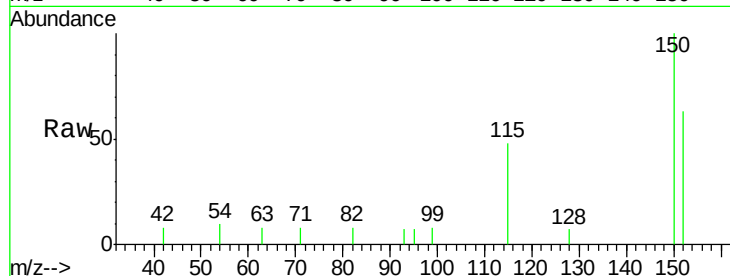
Tgt Ion: 152 Resp: 615

Ion Ratio Lower Upper

152 100

150 159.3 129.9 194.9

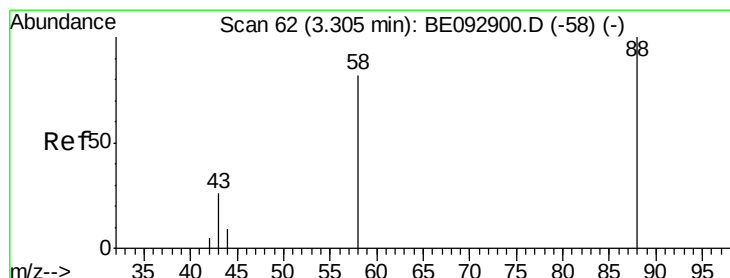
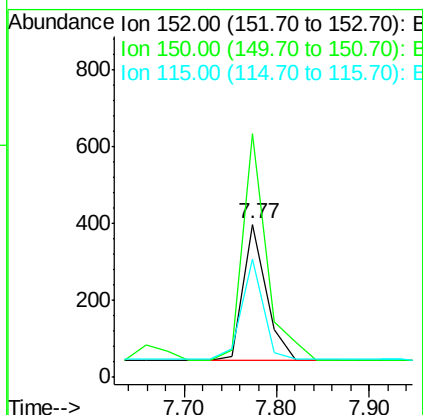
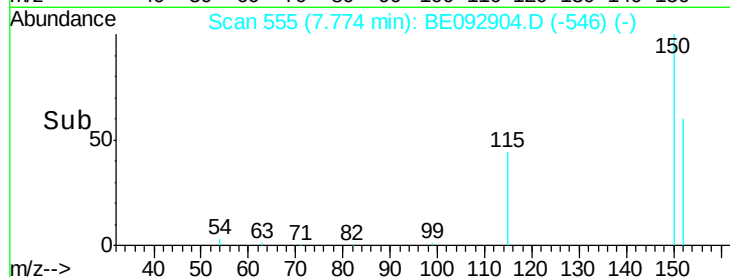
115 77.1 62.6 93.8



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: 0.39 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

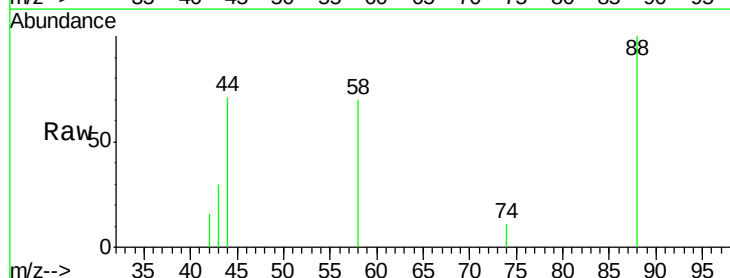
Tgt Ion: 88 Resp: 455

Ion Ratio Lower Upper

88 100

58 80.0 64.9 97.3

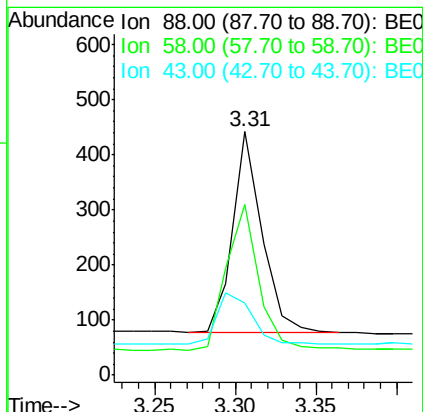
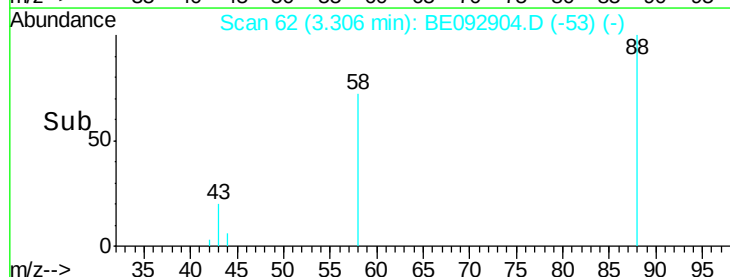
43 29.9 26.6 40.0

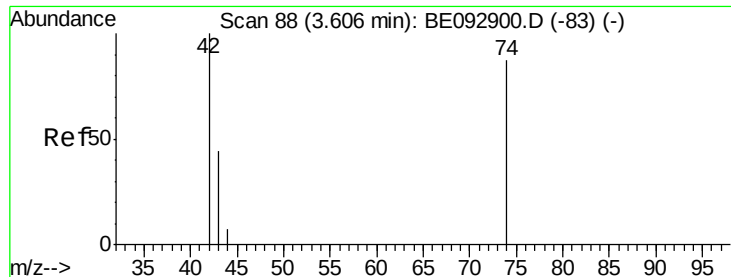


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092904.D

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Instrument :

BNA_E

ClientSampleId :

ICVBE042017

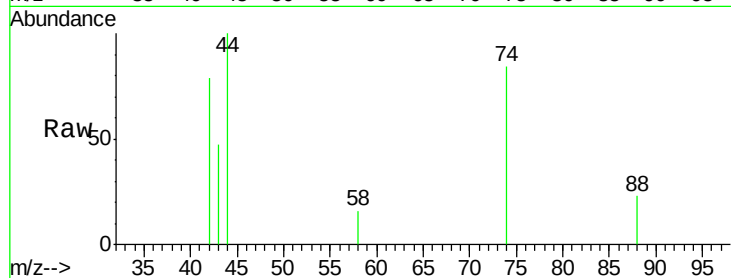
Tgt Ion: 42 Resp: 354

Ion Ratio Lower Upper

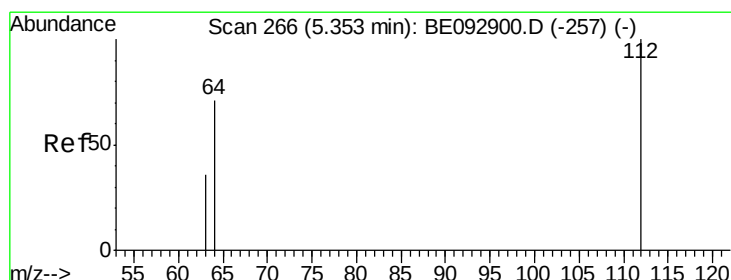
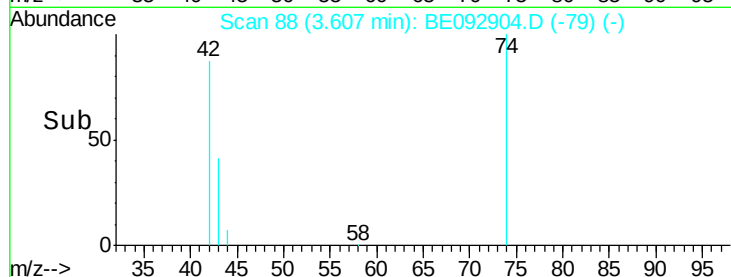
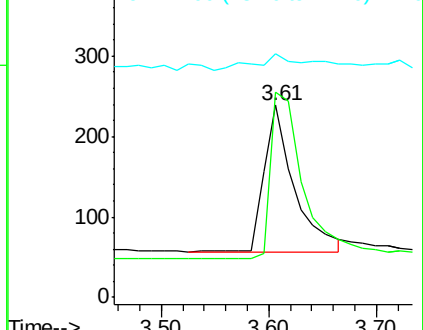
42 100

74 119.2 106.6 160.0

44 18.4 25.7 38.5#



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: 0.38 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

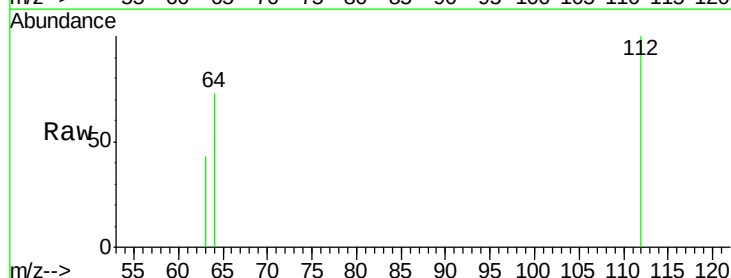
Tgt Ion: 112 Resp: 515

Ion Ratio Lower Upper

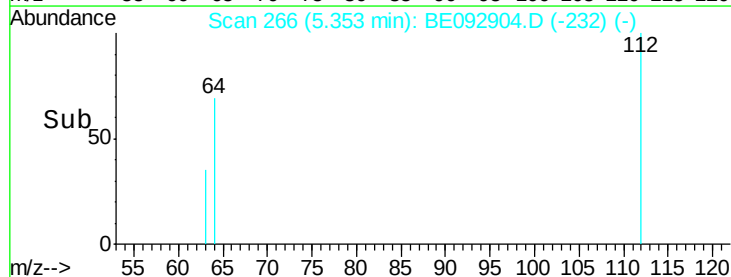
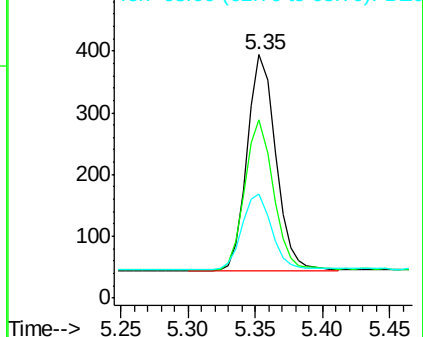
112 100

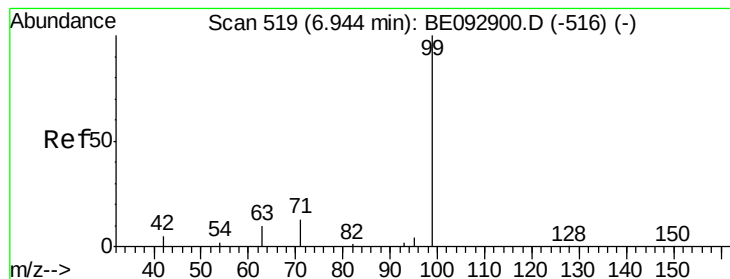
64 68.9 52.6 79.0

63 37.1 29.0 43.4



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: 0.39 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

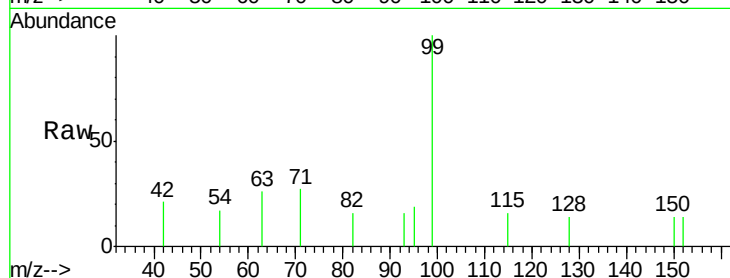
Tgt Ion: 99 Resp: 720

Ion Ratio Lower Upper

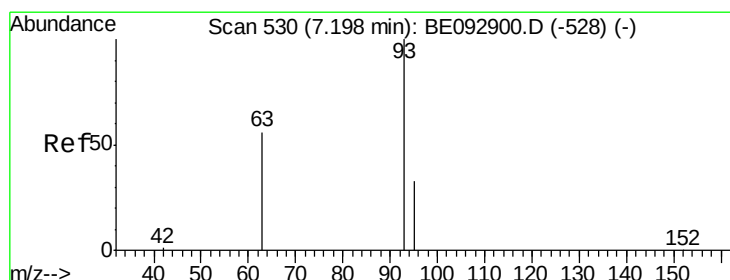
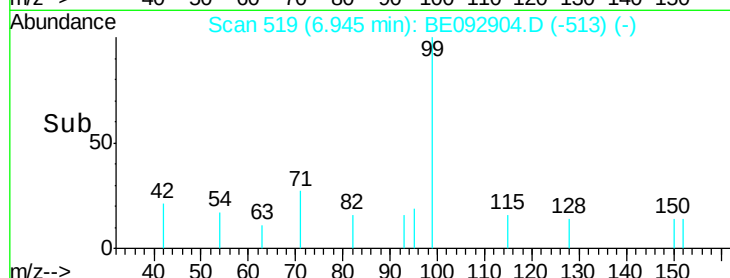
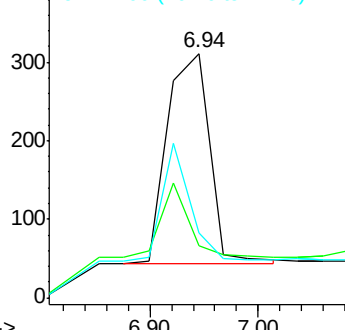
99 100

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: 0.38 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

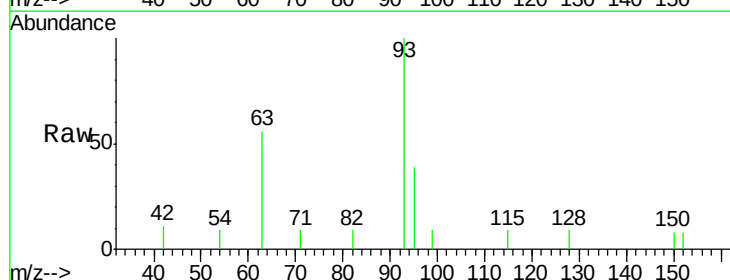
Tgt Ion: 93 Resp: 867

Ion Ratio Lower Upper

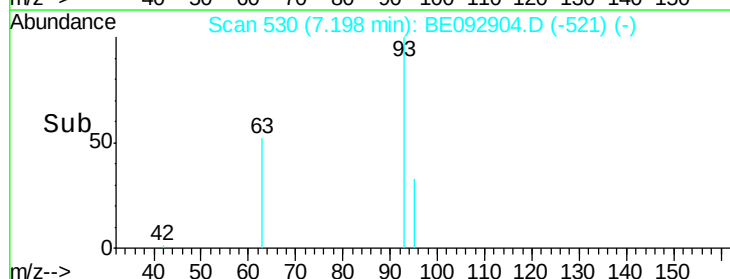
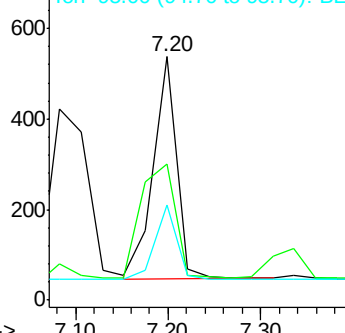
93 100

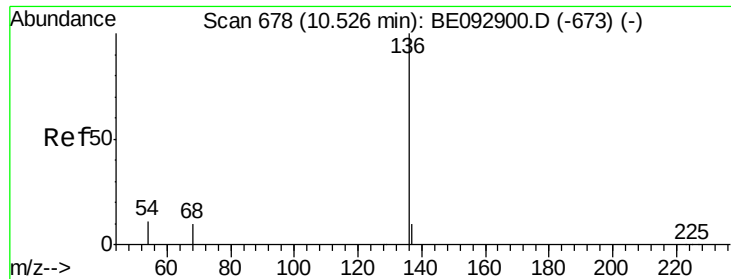
63 76.0 61.2 91.8

95 32.2 25.5 38.3



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: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

Tgt Ion: 136 Resp: 2503

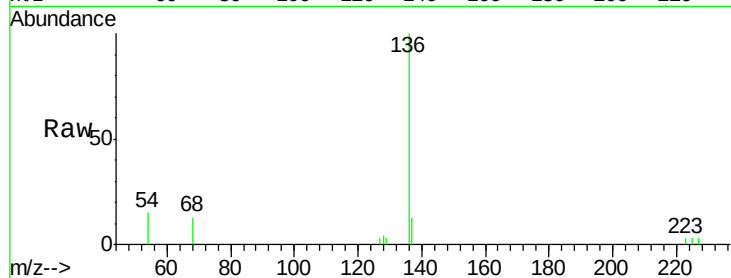
Ion Ratio Lower Upper

136 100

137 12.9 10.4 15.6

54 14.5 12.6 18.8

68 12.6 10.7 16.1

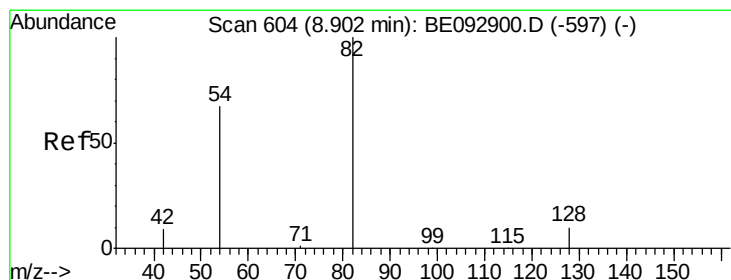
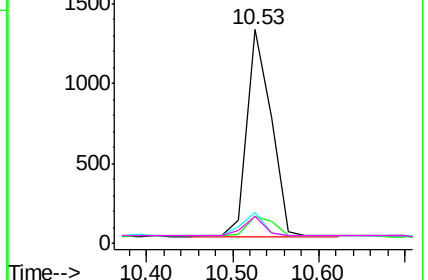
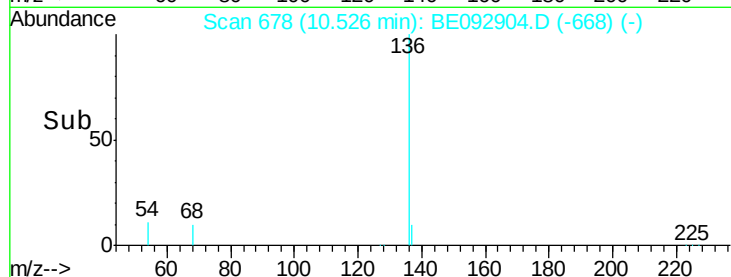


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

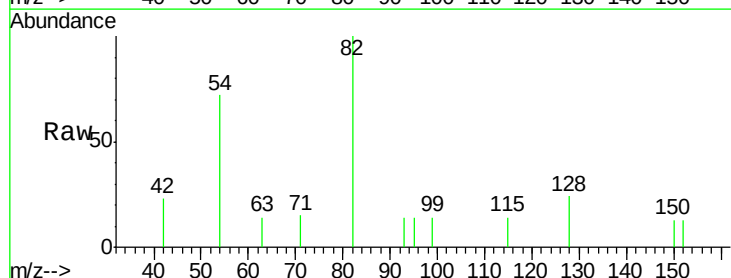
Tgt Ion: 82 Resp: 656

Ion Ratio Lower Upper

82 100

128 23.7 35.3 52.9#

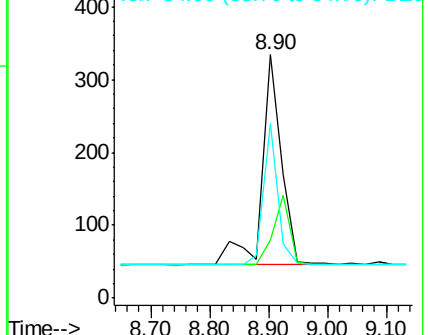
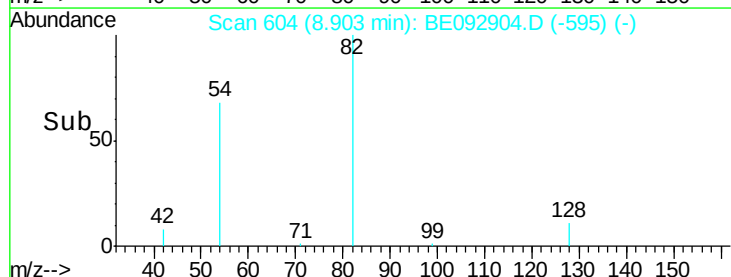
54 71.9 65.1 97.7

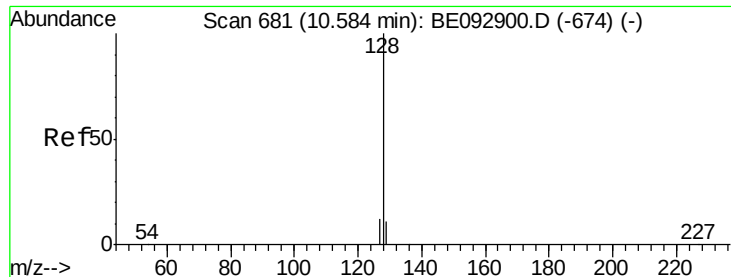


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

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ICVBE042017

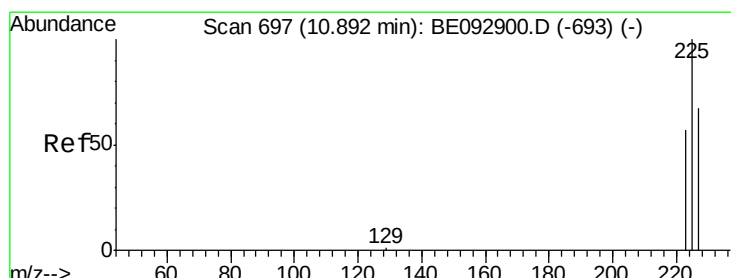
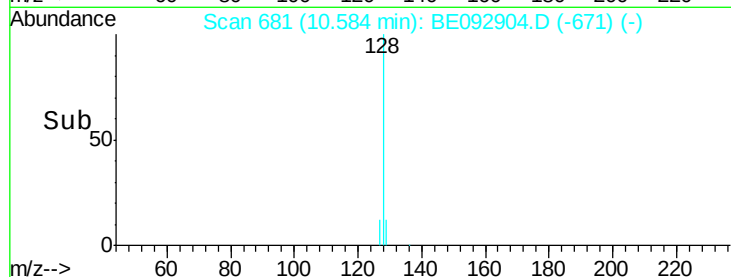
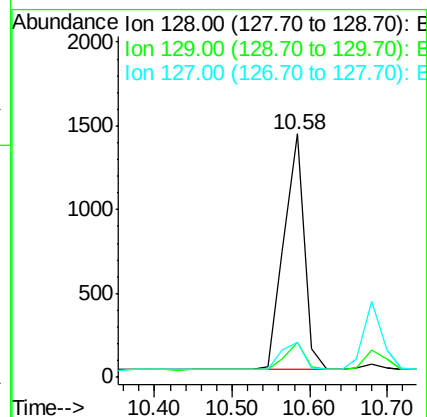
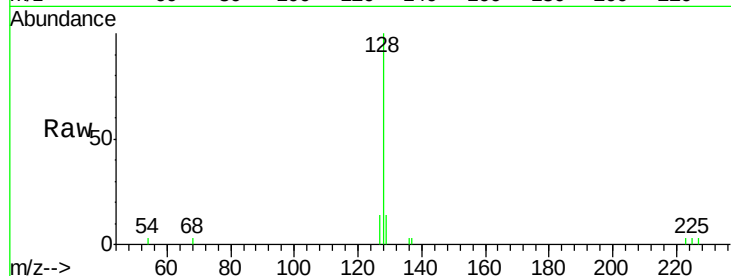
Tgt Ion:128 Resp: 2600

Ion Ratio Lower Upper

128 100

129 14.5 15.8 23.8#

127 14.4 16.0 24.0#



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

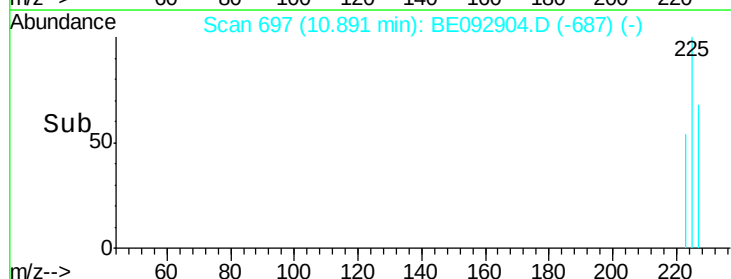
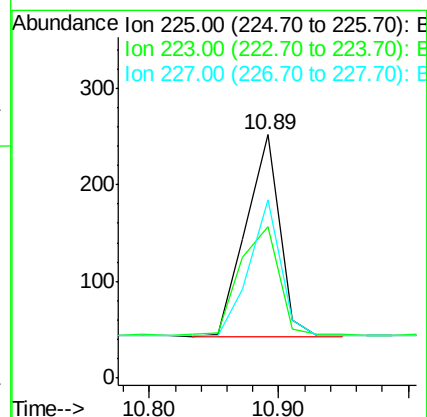
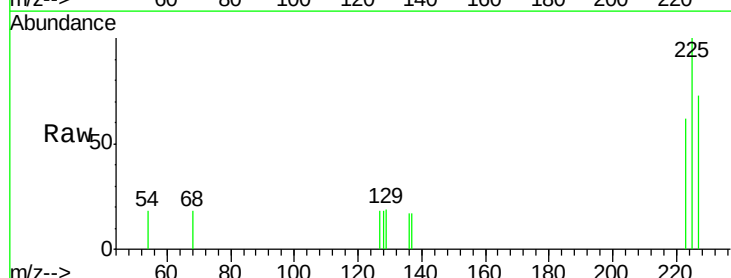
Tgt Ion:225 Resp: 380

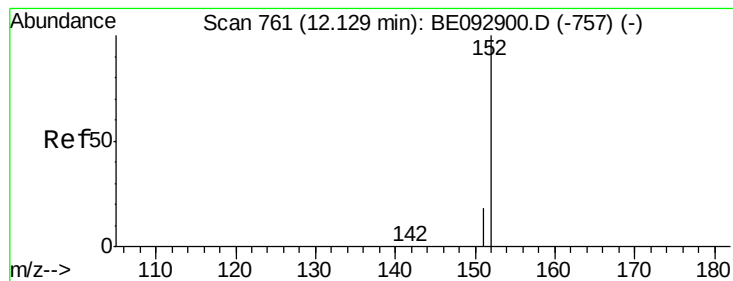
Ion Ratio Lower Upper

225 100

223 62.9 55.4 83.2

227 62.1 52.2 78.4





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

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ClientSampleId :

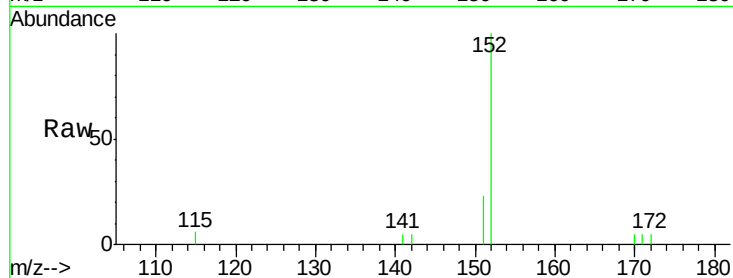
ICVBE042017

Tgt Ion:152 Resp: 1466

Ion Ratio Lower Upper

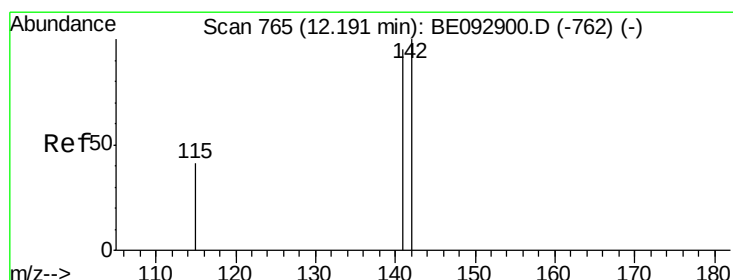
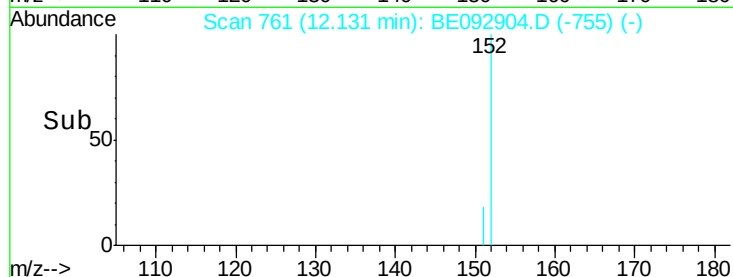
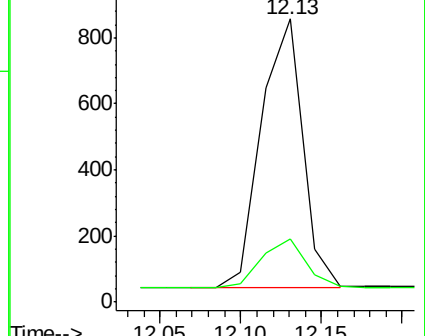
152 100

151 19.3 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

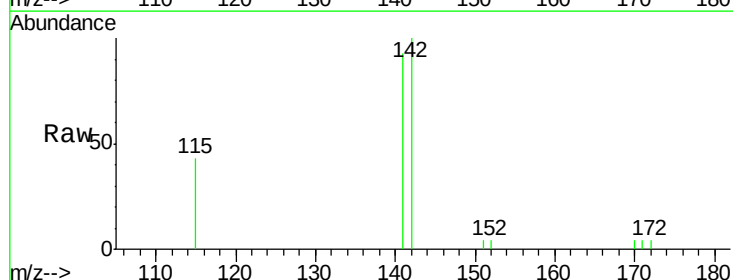
Tgt Ion:142 Resp: 1604

Ion Ratio Lower Upper

142 100

141 93.0 76.0 114.0

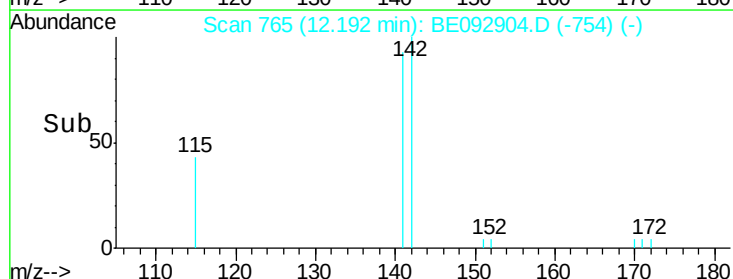
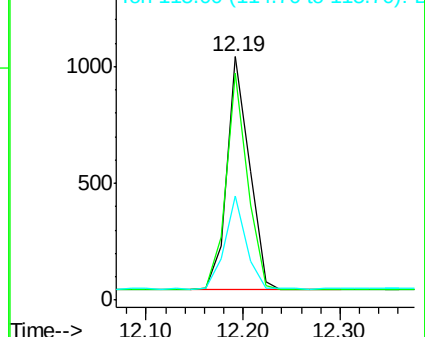
115 42.7 41.6 62.4

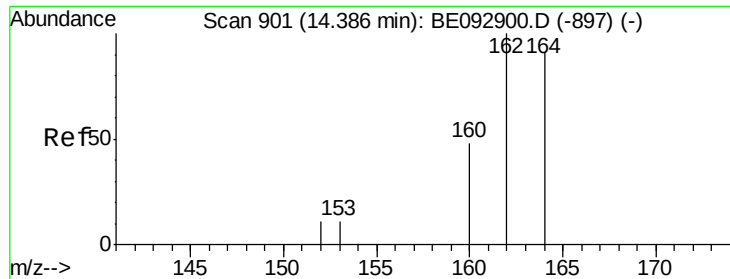


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE092904.D

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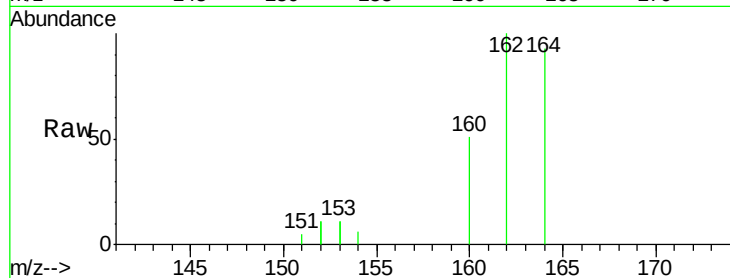
Tgt Ion:164 Resp: 1122

Ion Ratio Lower Upper

164 100

162 107.3 86.6 130.0

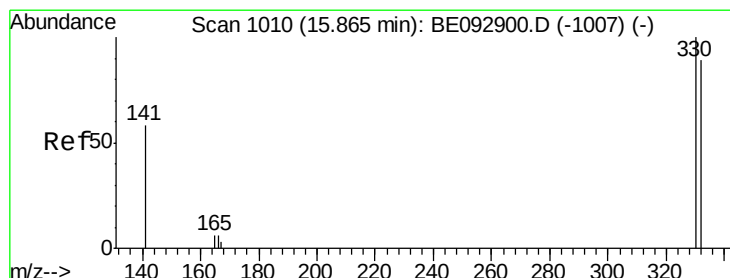
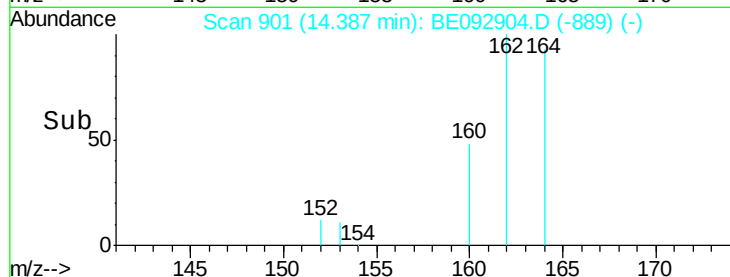
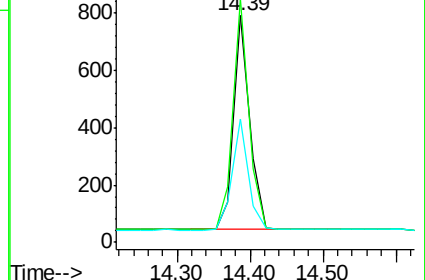
160 54.4 44.5 66.7



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: 0.34 ng

RT: 15.86 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

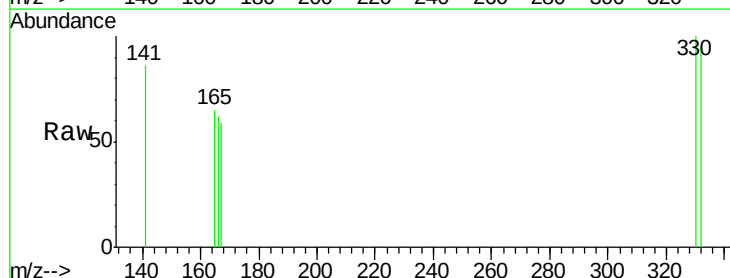
Tgt Ion:330 Resp: 63

Ion Ratio Lower Upper

330 100

332 96.8 69.1 103.7

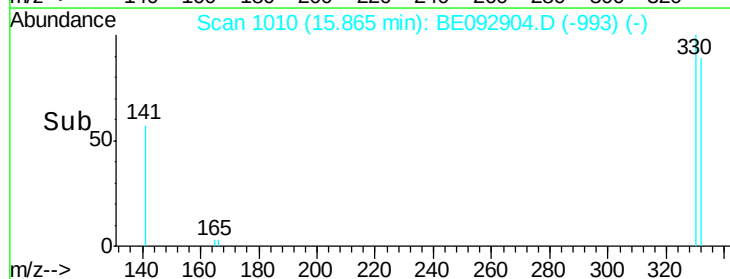
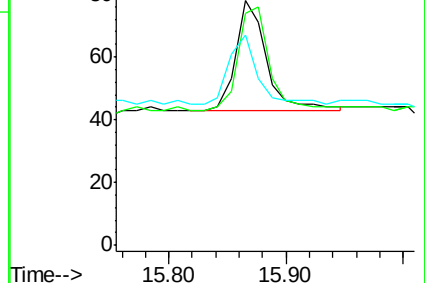
141 58.7 54.6 81.8

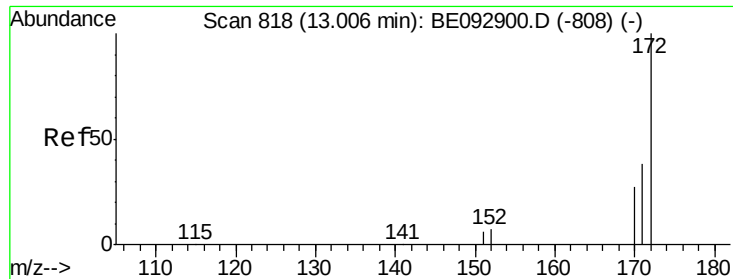


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

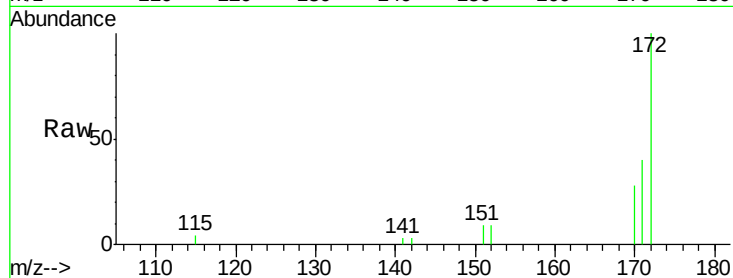




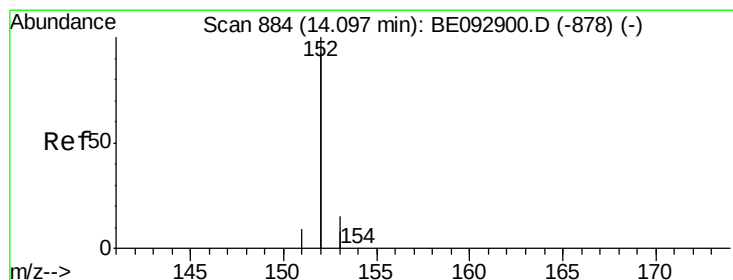
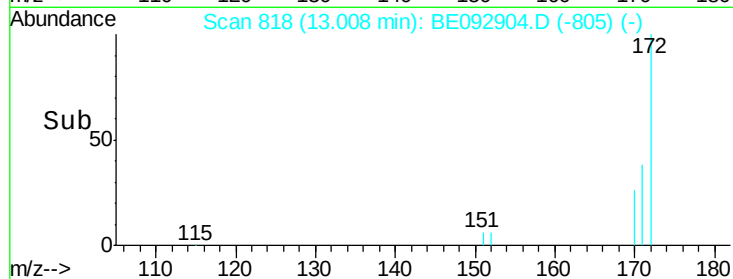
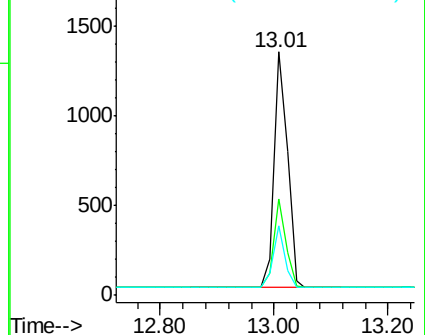
#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

Instrument :
BNA_E
ClientSampleId :
ICVBE042017

Tgt Ion:172 Resp: 2094
Ion Ratio Lower Upper
172 100
171 39.6 35.8 53.6
170 28.3 28.5 42.7#

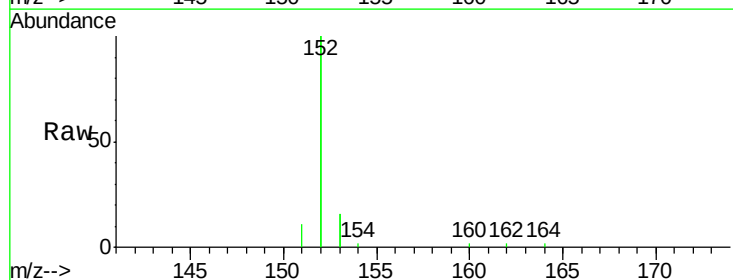


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

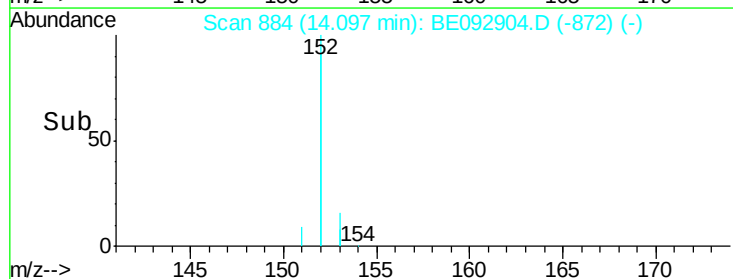
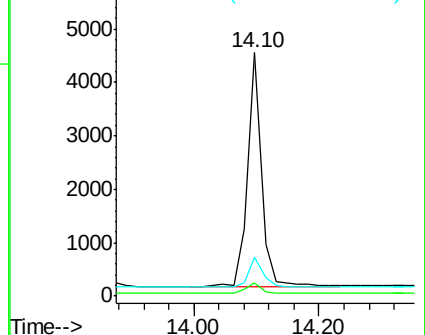


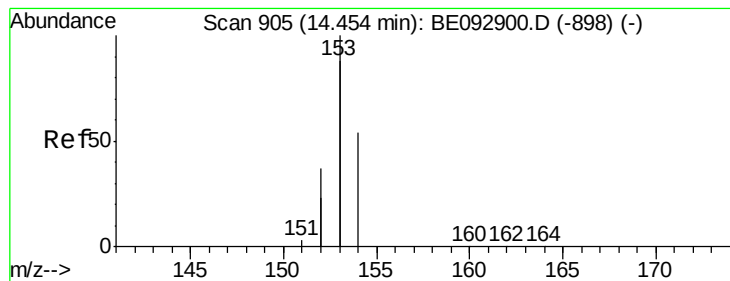
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

Tgt Ion:152 Resp: 6804
Ion Ratio Lower Upper
152 100
151 4.8 3.8 5.8
153 12.5 10.0 15.0



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: 0.39 ng

RT: 14.45 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

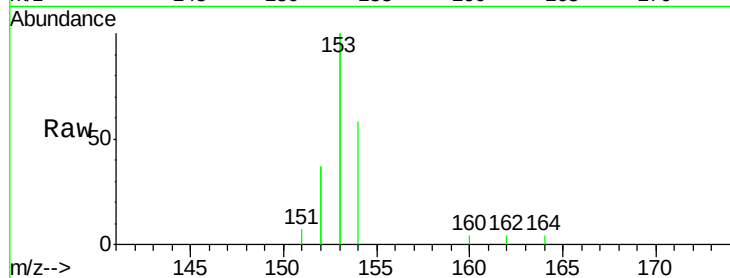
Tgt Ion:154 Resp: 1372

Ion Ratio Lower Upper

154 100

153 463.8 355.6 533.4

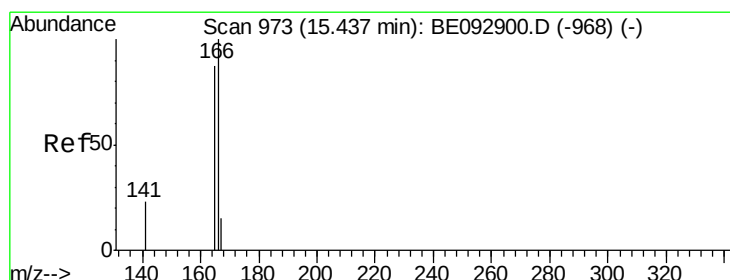
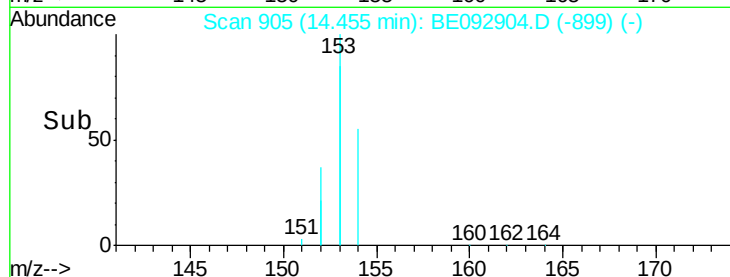
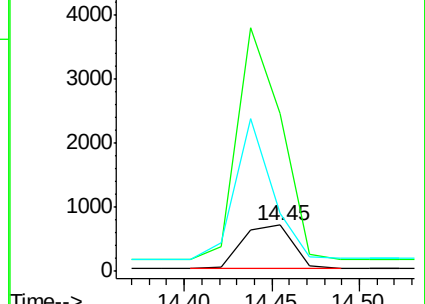
152 240.5 177.8 266.8



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



#18

Fluorene

Concen: 0.39 ng

RT: 15.44 min Scan# 973

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

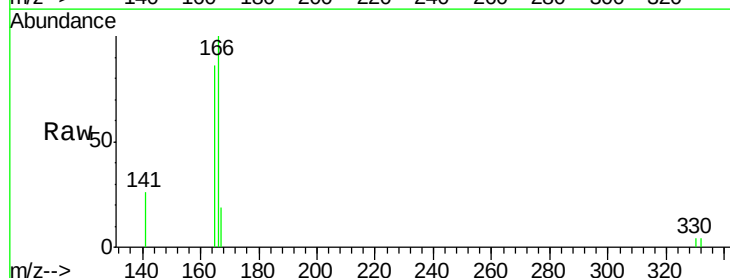
Tgt Ion:166 Resp: 1687

Ion Ratio Lower Upper

166 100

165 99.2 80.7 121.1

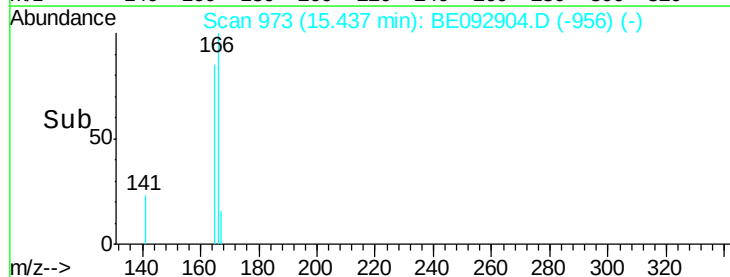
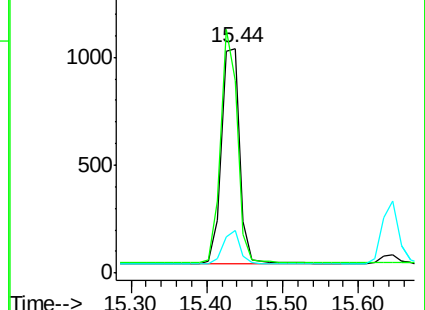
167 14.5 11.3 16.9

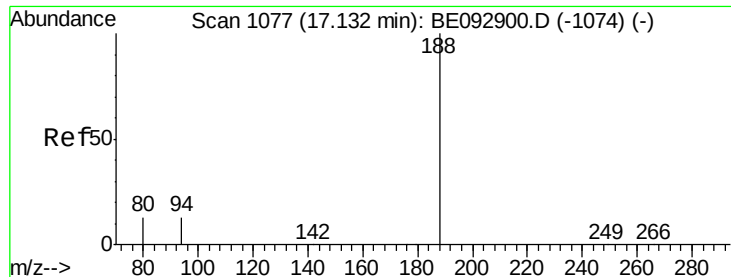


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

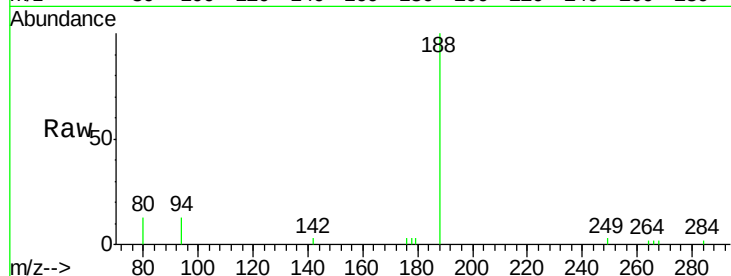
Tgt Ion:188 Resp: 2916

Ion Ratio Lower Upper

188 100

94 13.2 10.2 15.4

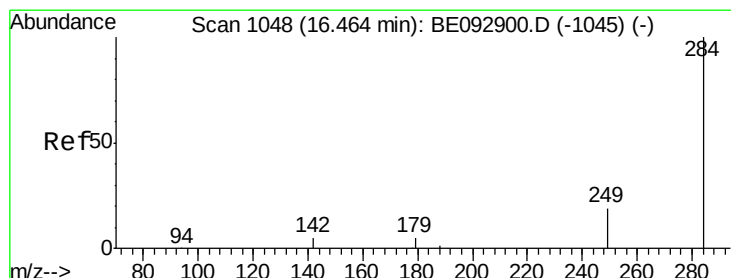
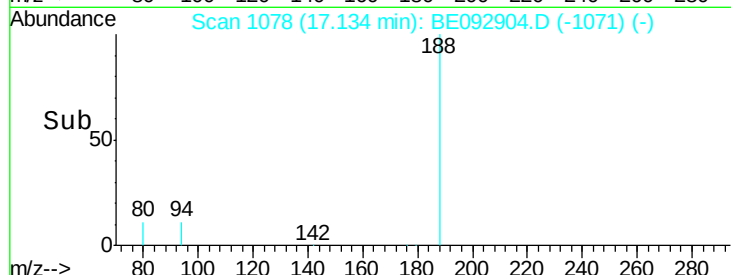
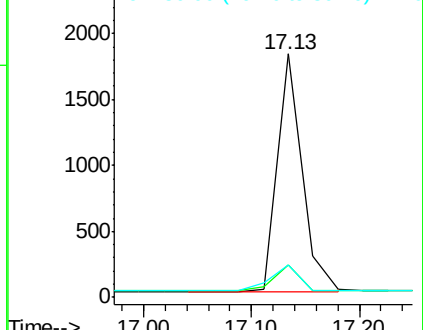
80 13.3 10.6 15.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: 0.36 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

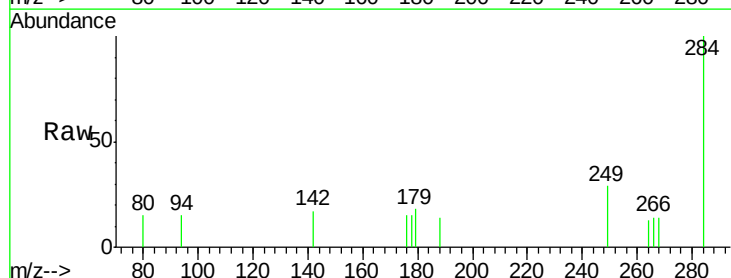
Tgt Ion:284 Resp: 469

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

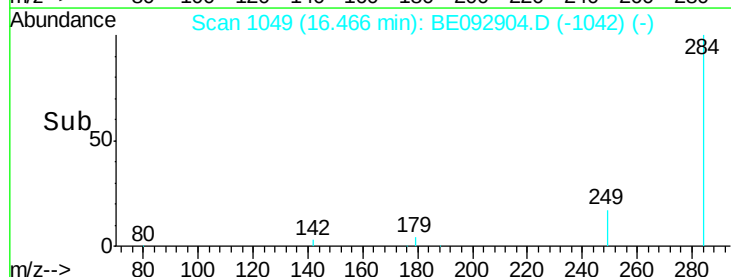
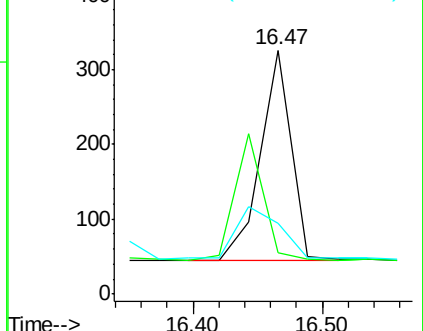
249 0.0 0.0 0.0

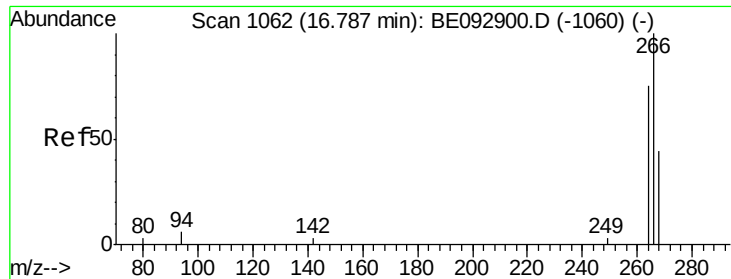


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

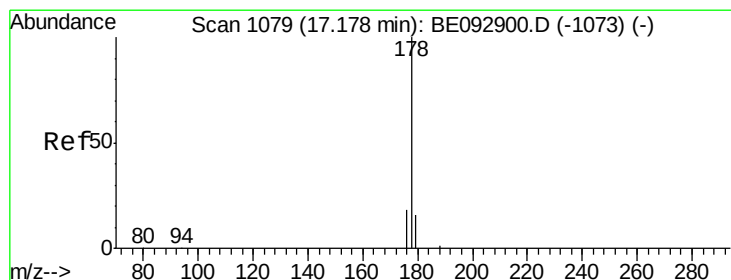
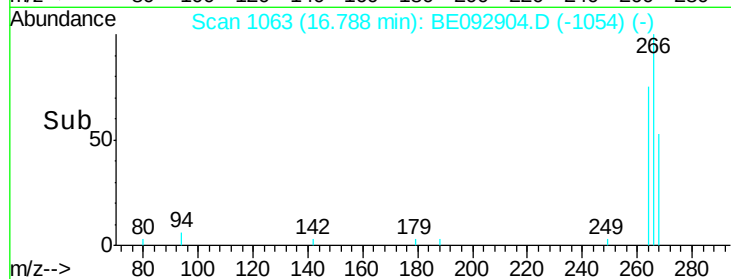
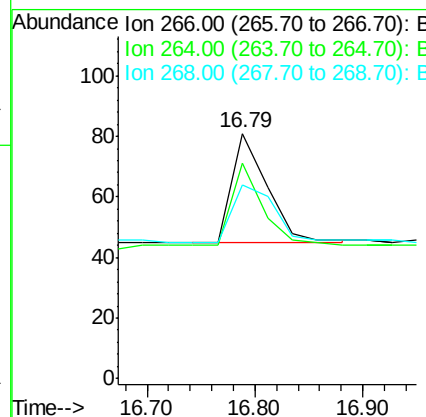
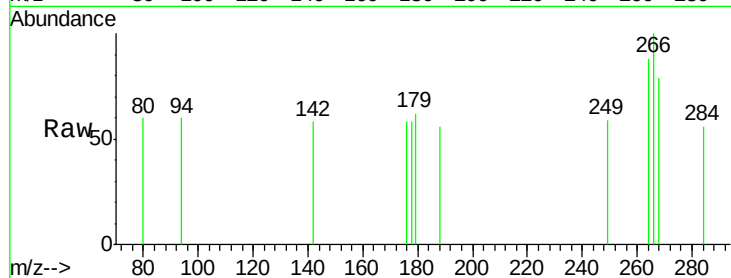




#21
 Pentachlorophenol
 Concen: 0.41 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

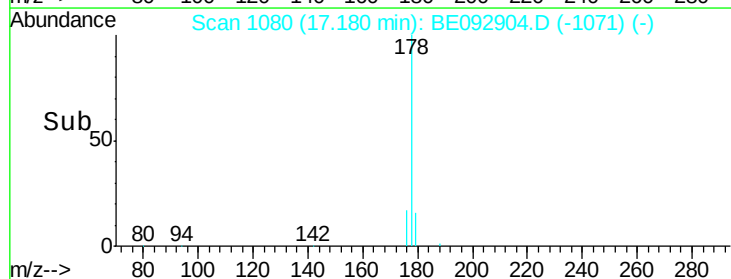
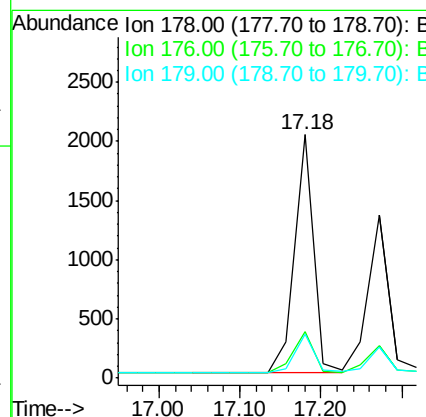
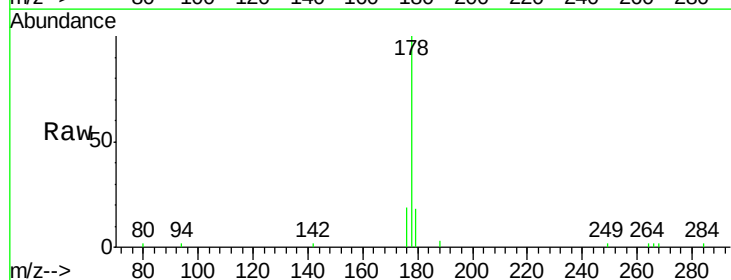
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE042017

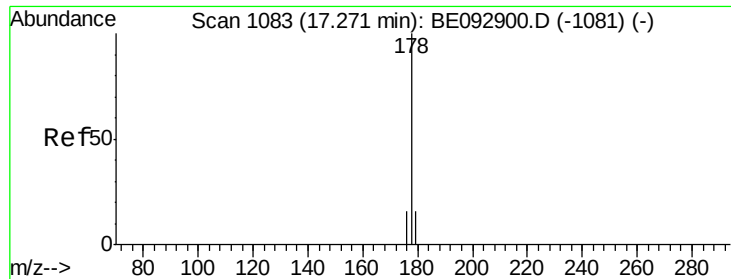
Tgt Ion: 266 Resp: 82
 Ion Ratio Lower Upper
 266 100
 264 87.7 75.4 113.2
 268 79.0 75.4 113.2



#22
 Phenanthrene
 Concen: 0.39 ng
 RT: 17.18 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

Tgt Ion: 178 Resp: 3266
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.2 21.4
 179 15.7 13.6 20.4





#23

Anthracene

Concen: 0.37 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

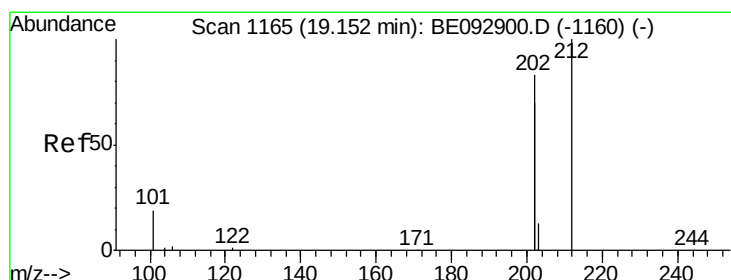
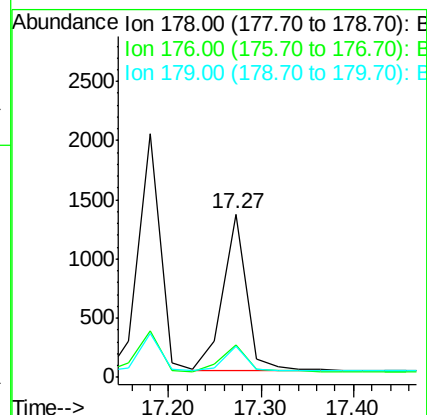
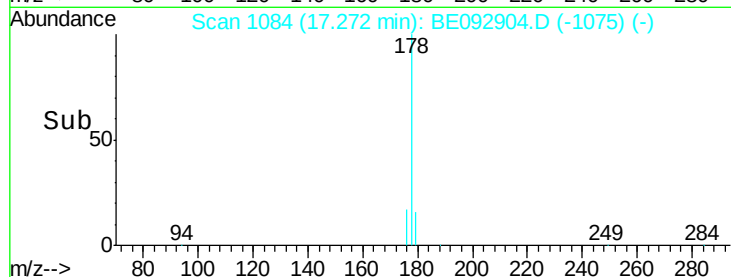
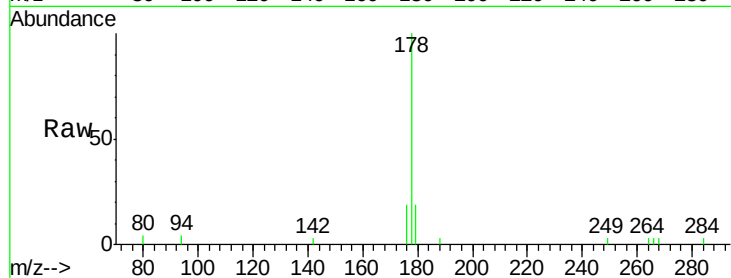
Tgt Ion:178 Resp: 2389

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.4 12.8 19.2



#24

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

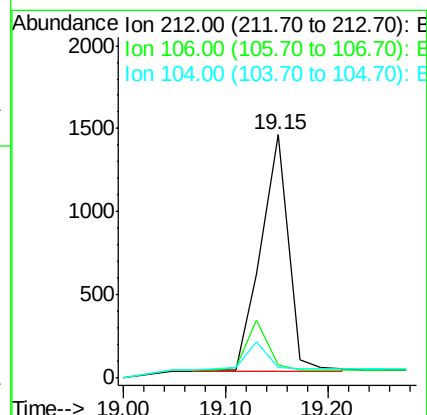
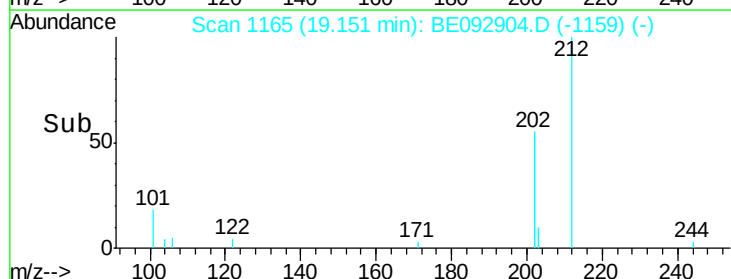
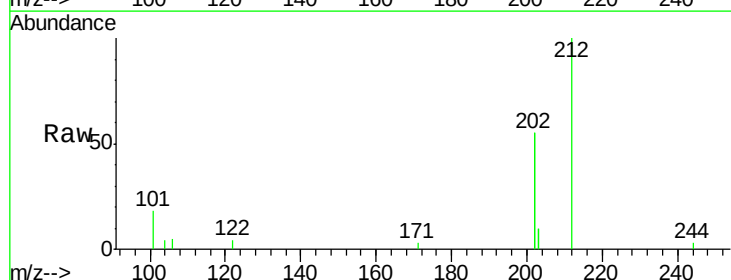
Tgt Ion:212 Resp: 2631

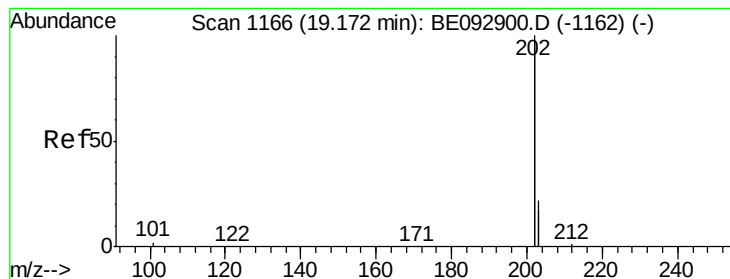
Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

104 0.0 0.0 0.0





#25

Fluoranthene

Concen: 0.39 ng

RT: 19.17 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

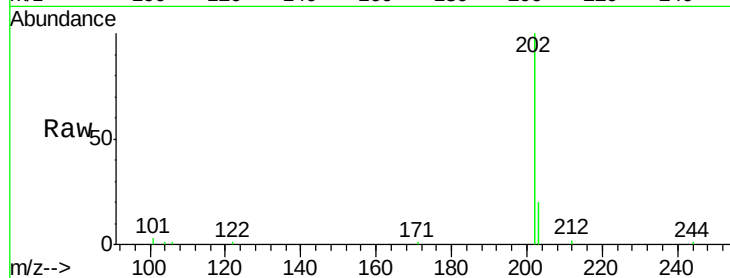
Tgt Ion:202 Resp: 14191

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

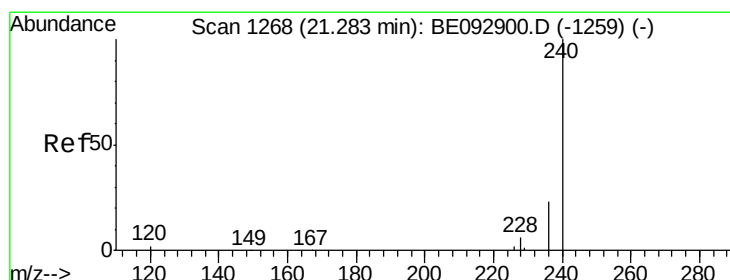
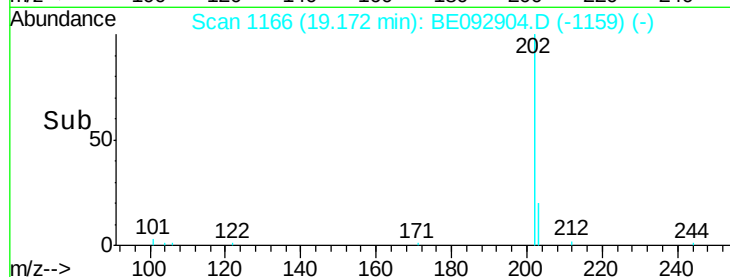
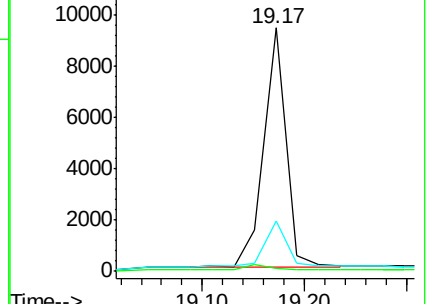
203 18.0 15.3 22.9



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: BE092904.D

Acq: 20 Apr 2017 17:35

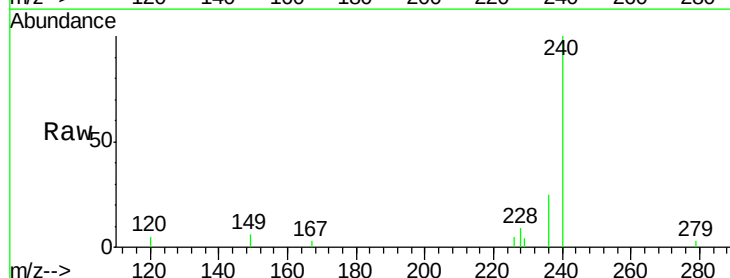
Tgt Ion:240 Resp: 2764

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

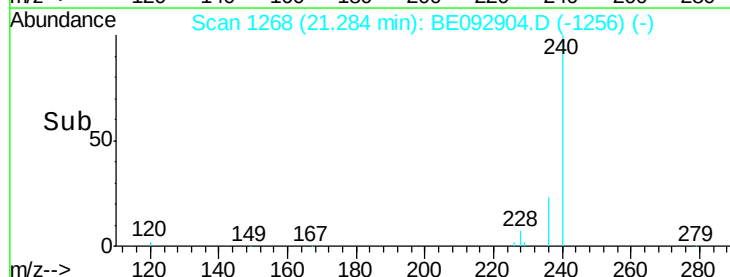
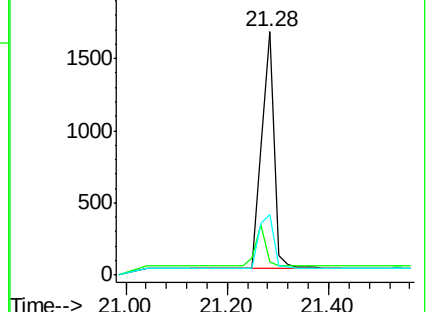
236 24.7 19.8 29.8

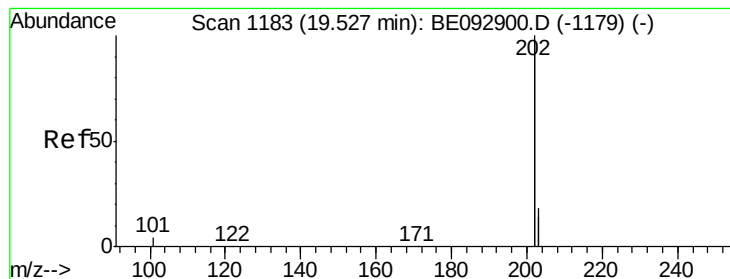


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 0.40 ng

RT: 19.53 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

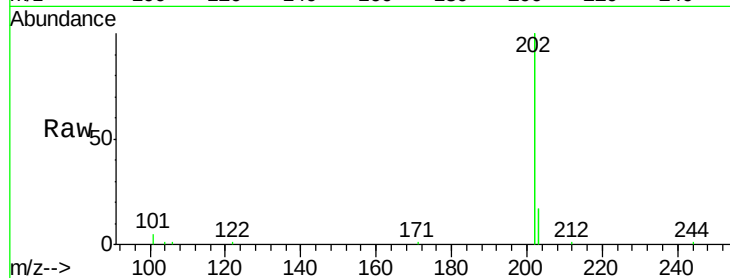
Tgt Ion:202 Resp: 14432

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

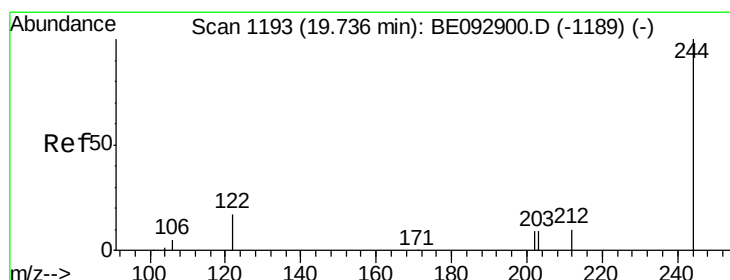
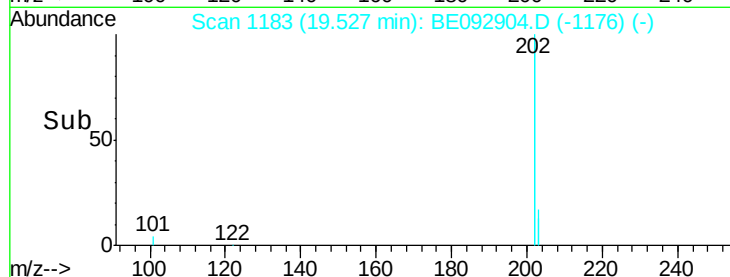
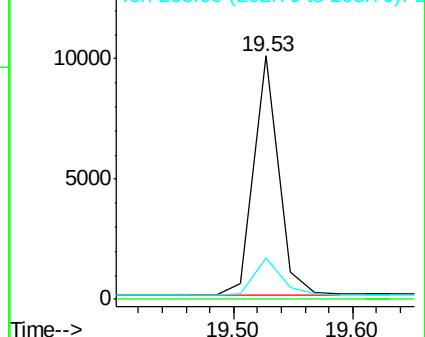
203 16.5 13.5 20.3



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: 0.40 ng

RT: 19.74 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

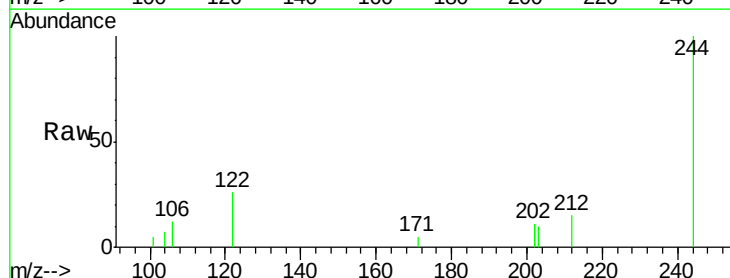
Tgt Ion:244 Resp: 1901

Ion Ratio Lower Upper

244 100

212 14.8 18.4 27.6#

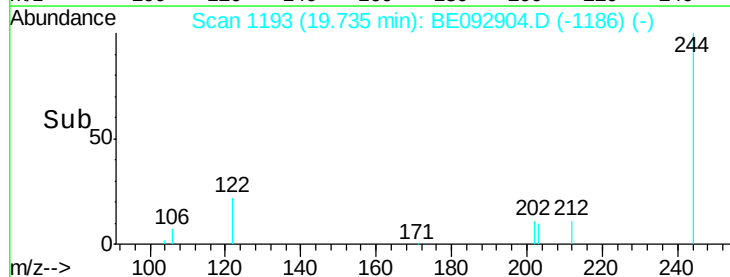
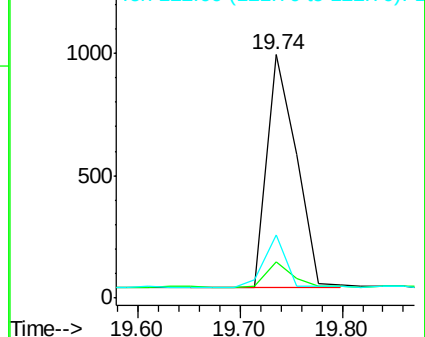
122 25.8 23.3 34.9

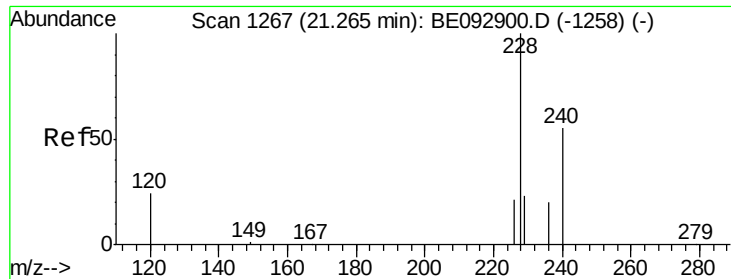


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.25 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

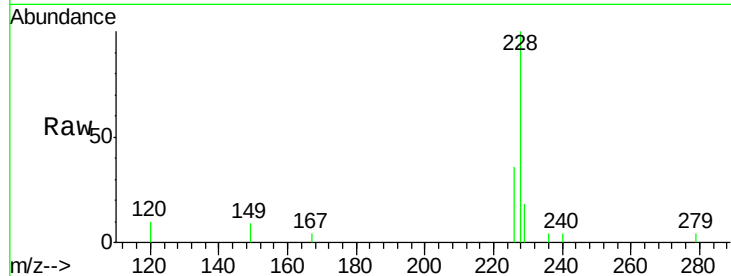
Tgt Ion:228 Resp: 2461

Ion Ratio Lower Upper

228 100

226 35.6 32.0 48.0

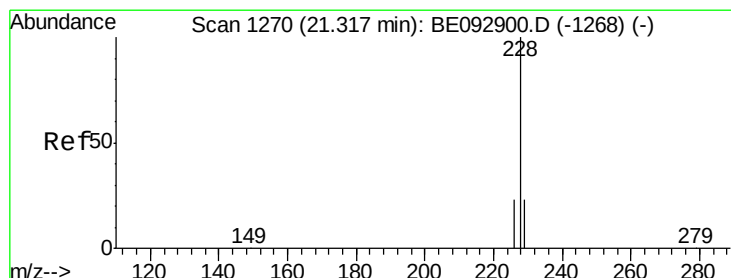
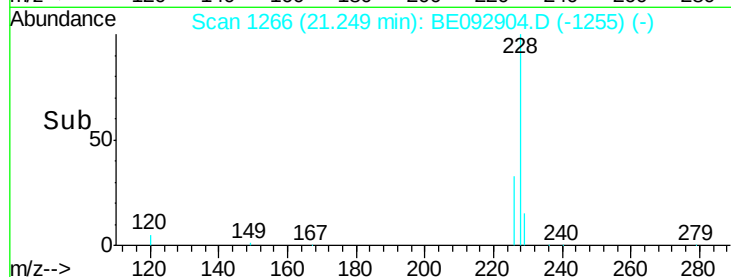
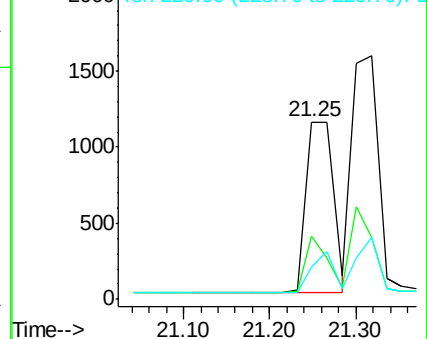
229 18.2 21.4 32.0#



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



#30

Chrysene

Concen: 0.41 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

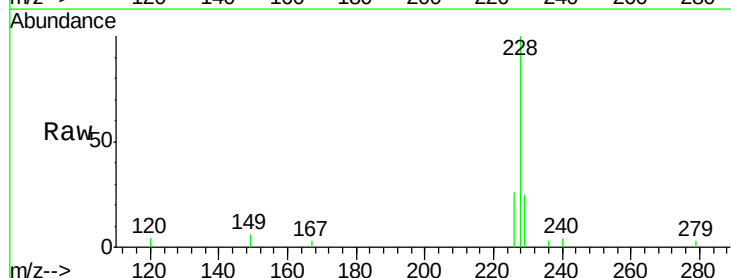
Tgt Ion:228 Resp: 3350

Ion Ratio Lower Upper

228 100

226 25.6 34.2 51.2#

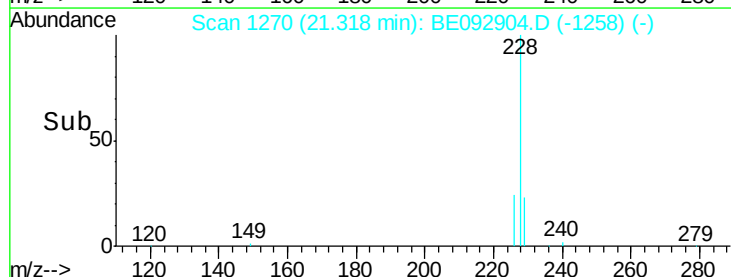
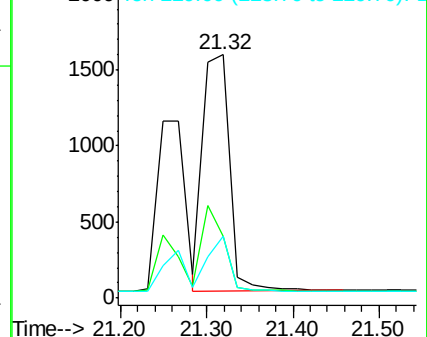
229 25.2 18.6 28.0

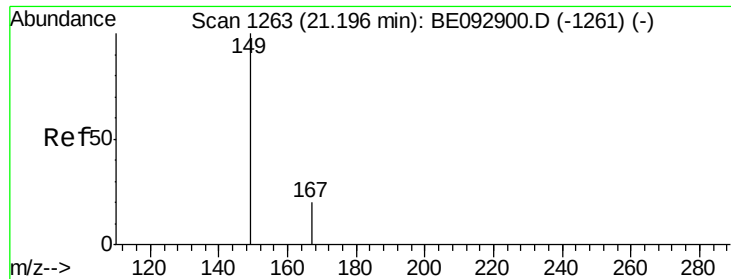


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

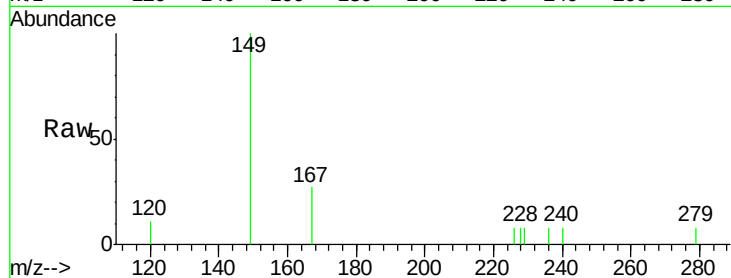




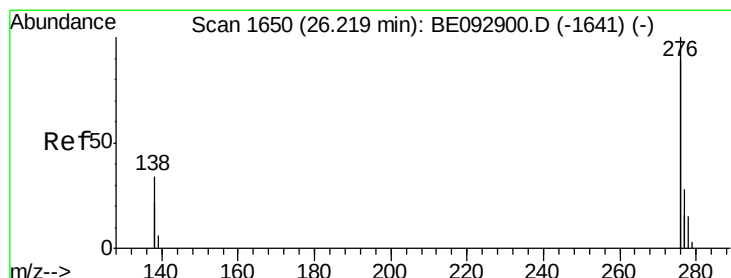
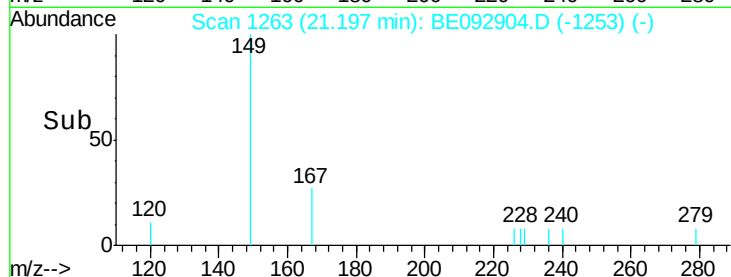
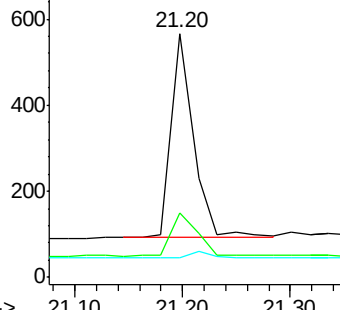
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.41 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE042017

Tgt Ion: 149 Resp: 674
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.9 31.3
 279 0.0 0.0 0.0

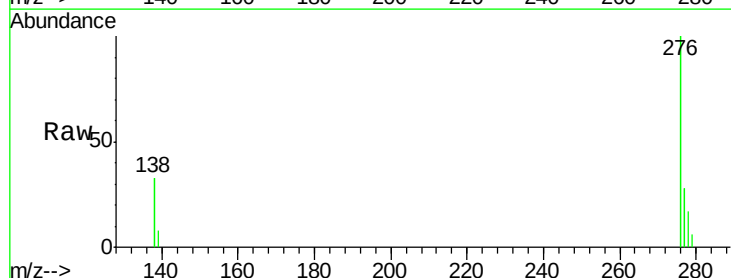


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

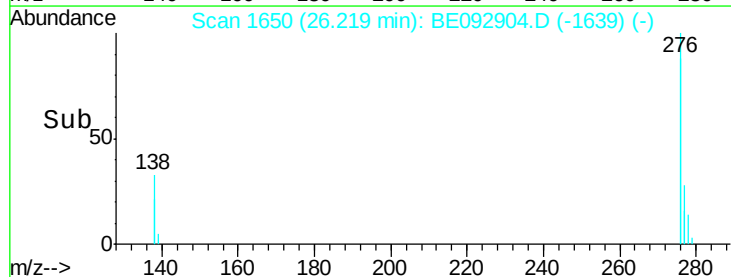
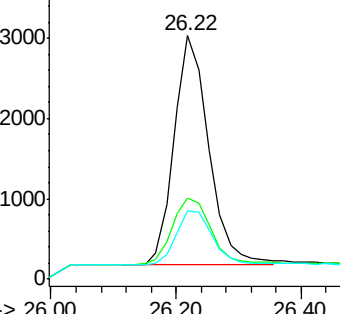


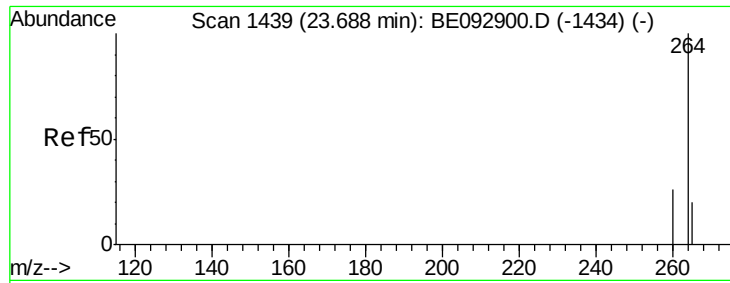
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

Tgt Ion: 276 Resp: 11060
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.8 38.6
 277 24.9 20.2 30.4



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: 23.69 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

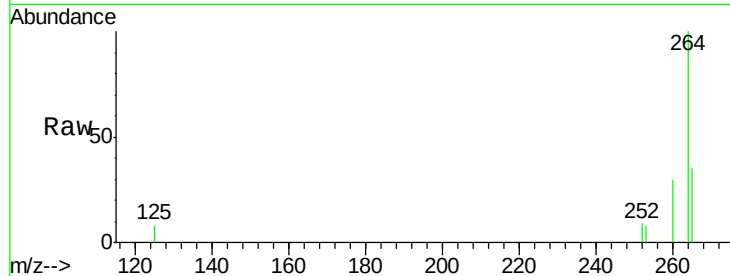
Tgt Ion:264 Resp: 2011

Ion Ratio Lower Upper

264 100

260 30.0 23.5 35.3

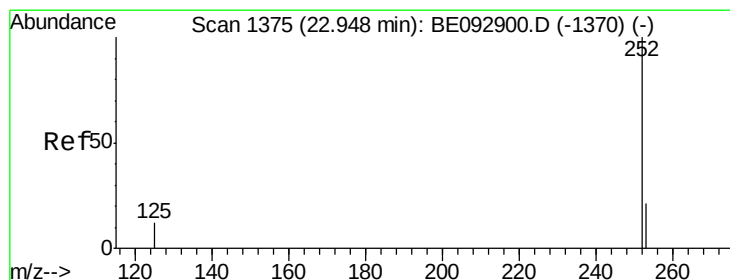
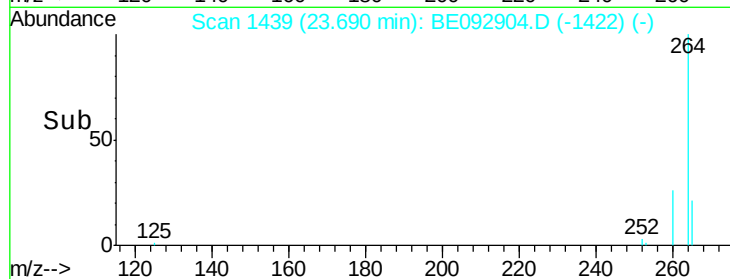
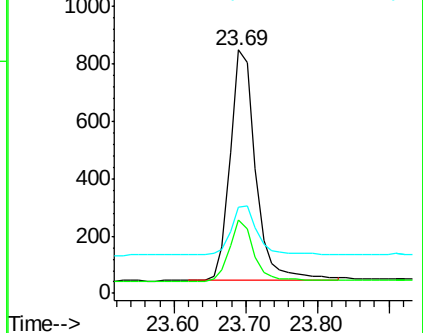
265 35.3 27.2 40.8



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: 0.39 ng

RT: 22.95 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

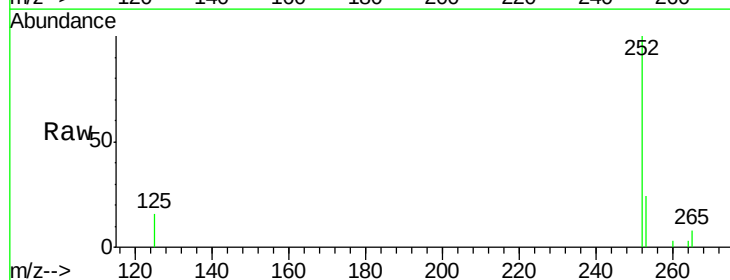
Tgt Ion:252 Resp: 2773

Ion Ratio Lower Upper

252 100

253 24.0 24.7 37.1#

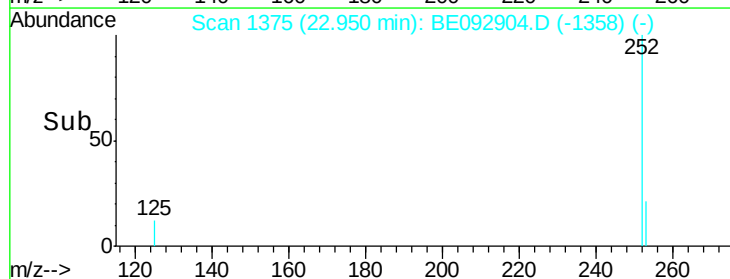
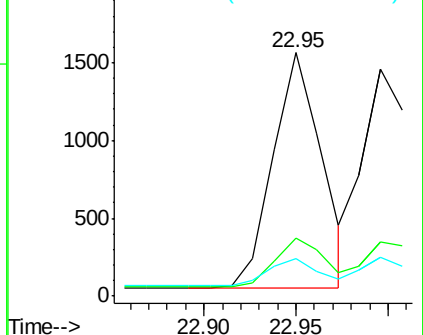
125 15.7 20.3 30.5#

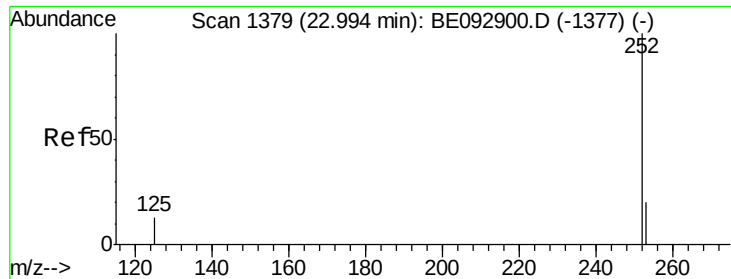


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

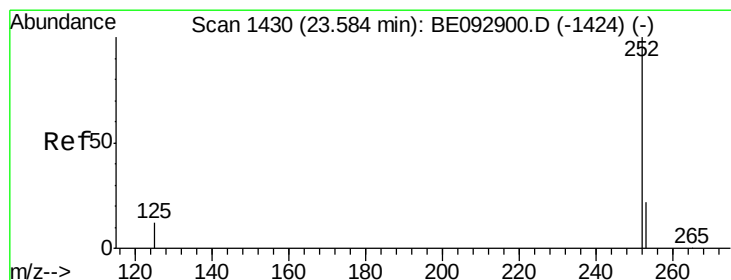
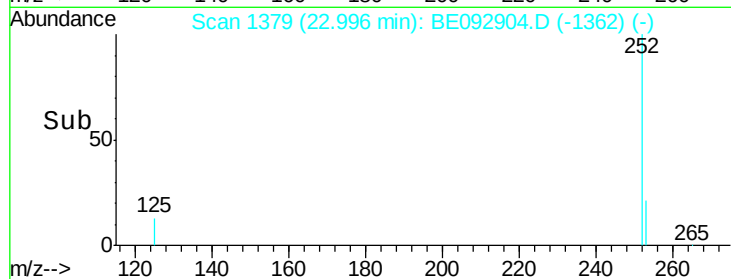
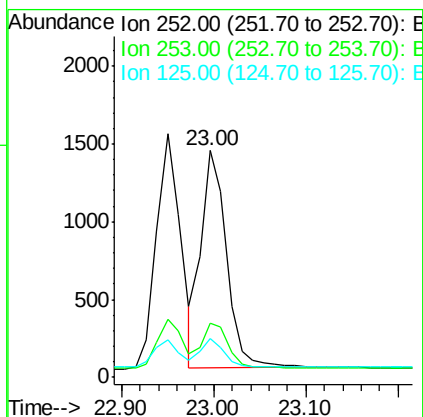
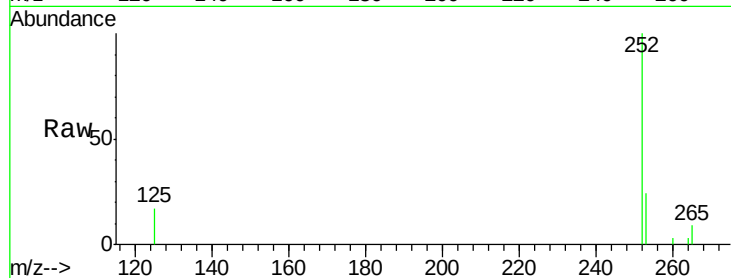




#35
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.00 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

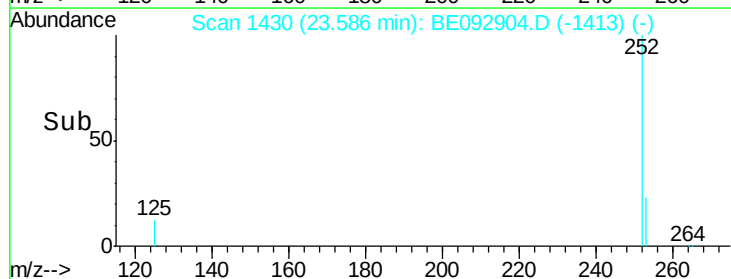
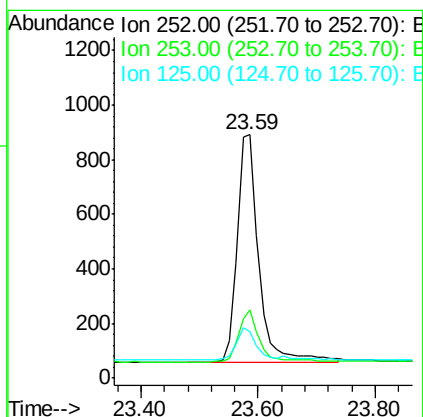
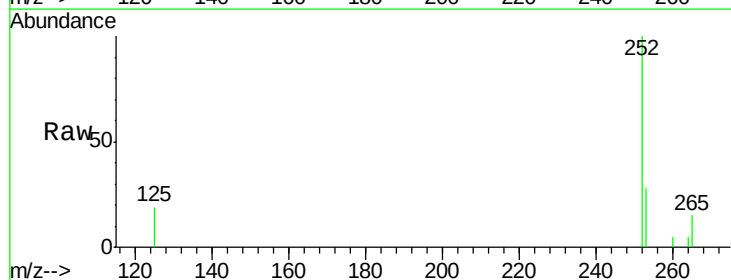
Instrument :
BNA_E
ClientSampleId :
ICVBE042017

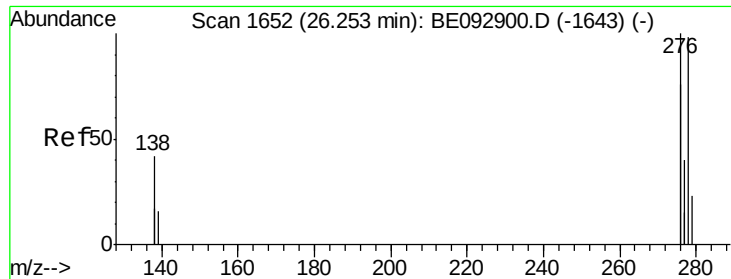
Tgt Ion: 252 Resp: 2702
Ion Ratio Lower Upper
252 100
253 23.9 25.8 38.8#
125 16.9 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.59 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

Tgt Ion: 252 Resp: 2135
Ion Ratio Lower Upper
252 100
253 28.3 31.3 46.9#
125 18.9 26.4 39.6#





#37

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

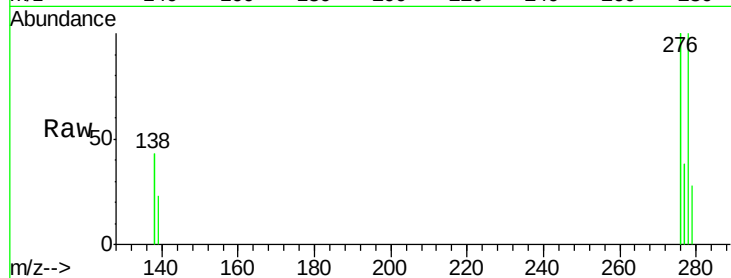
Tgt Ion: 278 Resp: 2518

Ion Ratio Lower Upper

278 100

139 23.1 27.4 41.2#

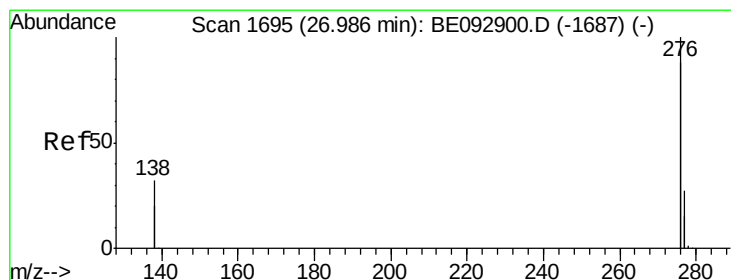
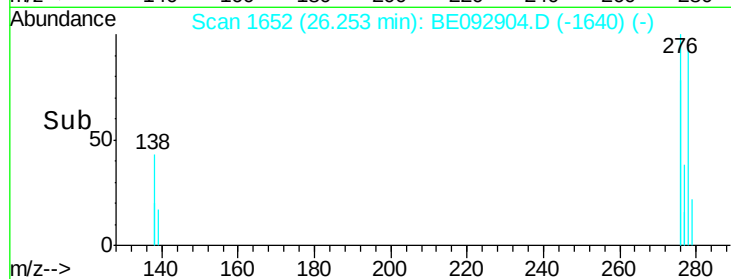
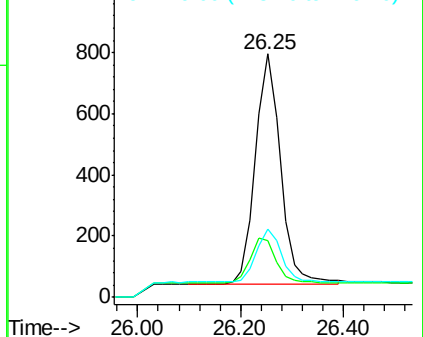
279 28.3 33.3 49.9#



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: 0.40 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

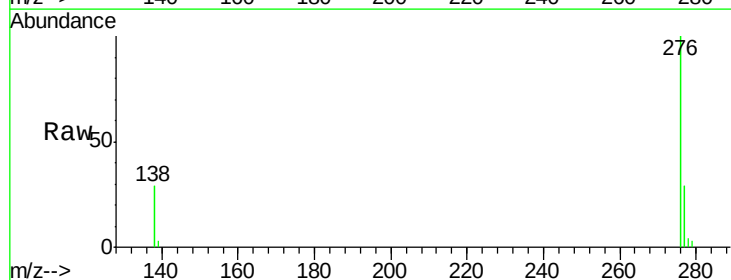
Tgt Ion: 276 Resp: 11118

Ion Ratio Lower Upper

276 100

277 28.8 29.9 44.9#

138 29.0 34.6 51.8#



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

