

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

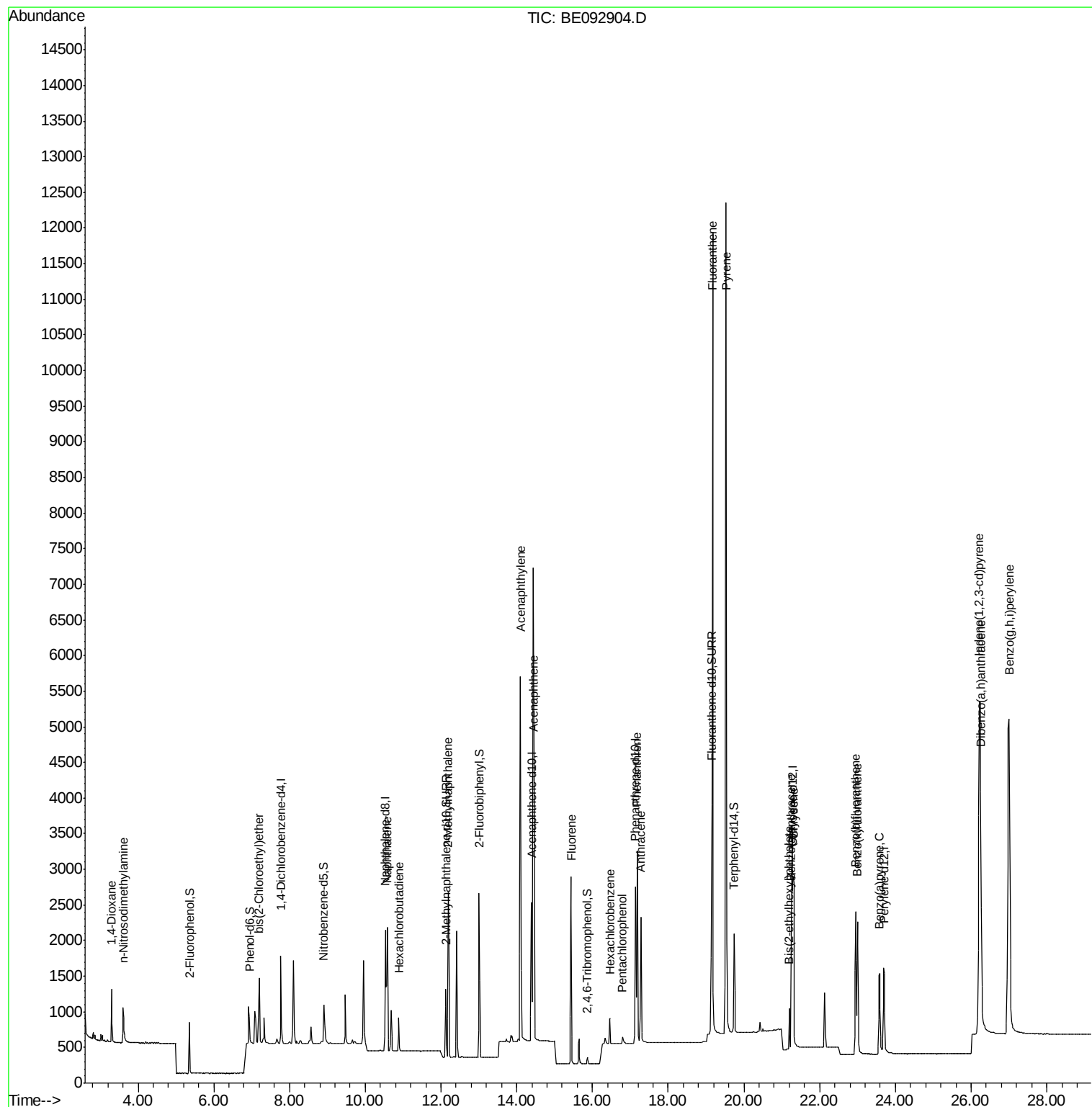
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	455	0.39	ng	97
3) n-Nitrosodimethylamine	3.61	42	354	0.40	ng	# 86
6) bis(2-Chloroethyl)ether	7.20	93	867	0.38	ng	99
9) Naphthalene	10.58	128	2600	0.39	ng	# 88
10) Hexachlorobutadiene	10.89	225	380	0.41	ng	94
12) 2-Methylnaphthalene	12.19	142	1604	0.39	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

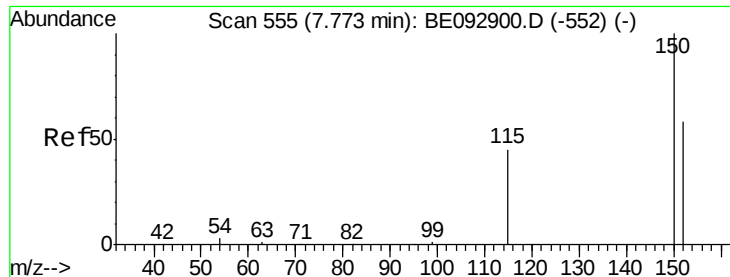
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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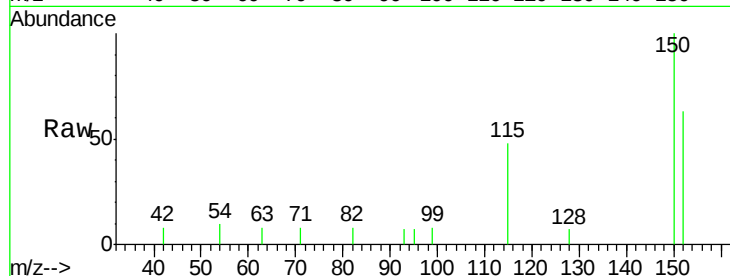


#1

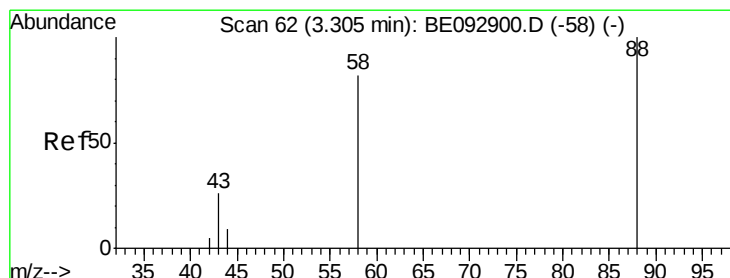
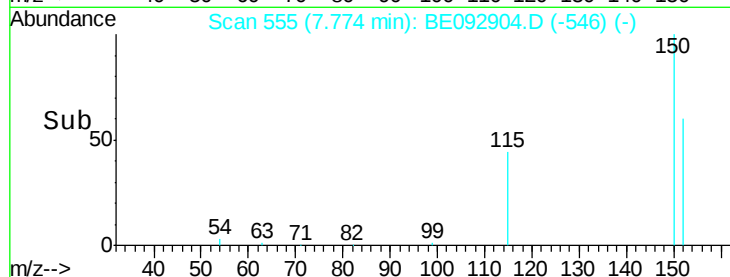
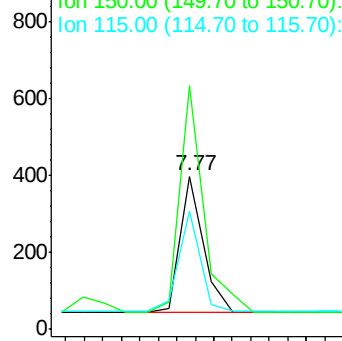
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

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



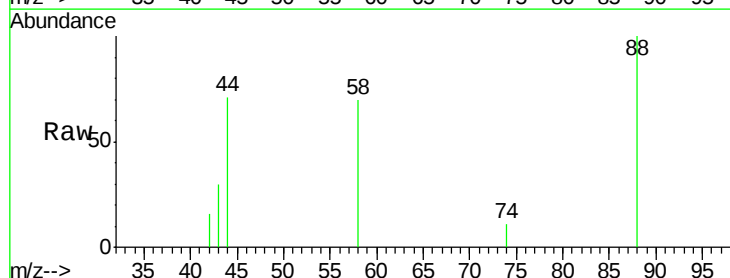
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



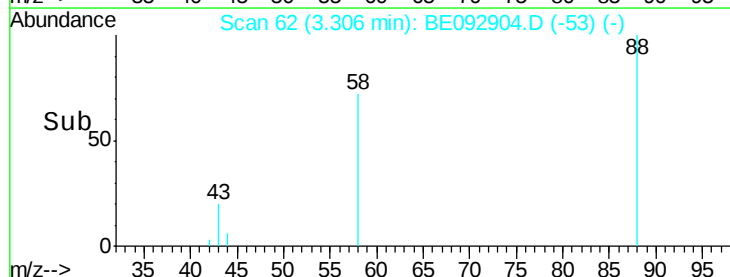
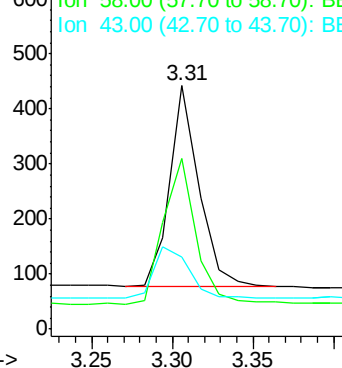
#2

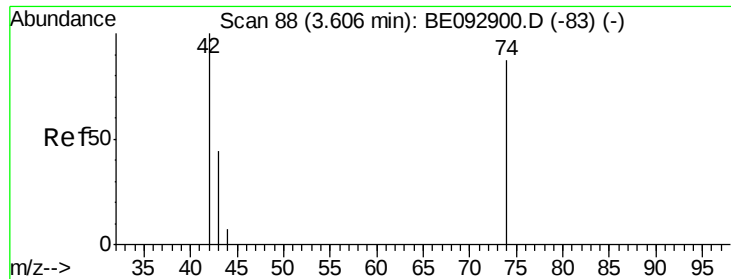
1,4-Dioxane
Concen: 0.39 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

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

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

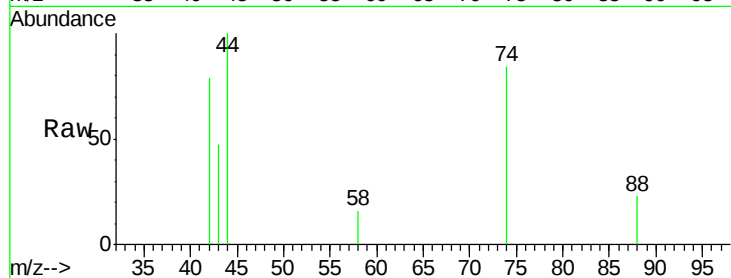
Tgt Ion: 42 Resp: 354

Ion Ratio Lower Upper

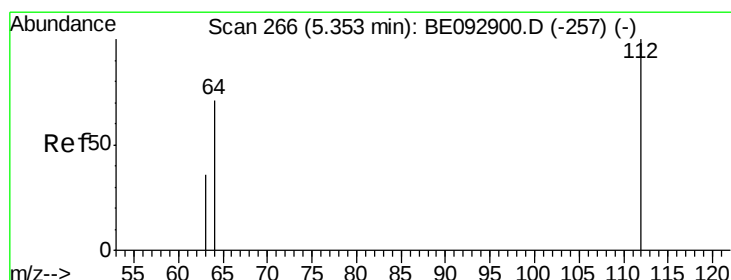
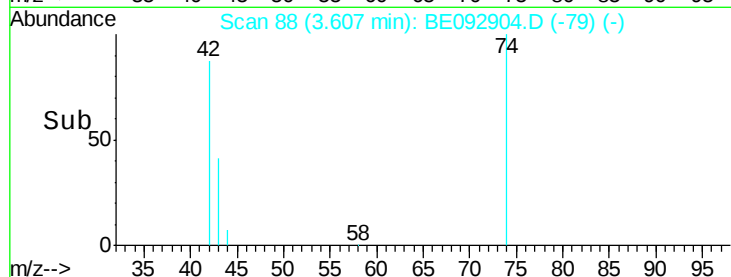
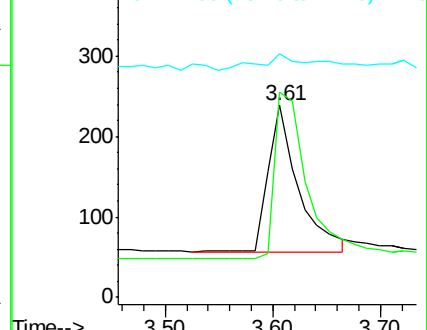
42 100

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

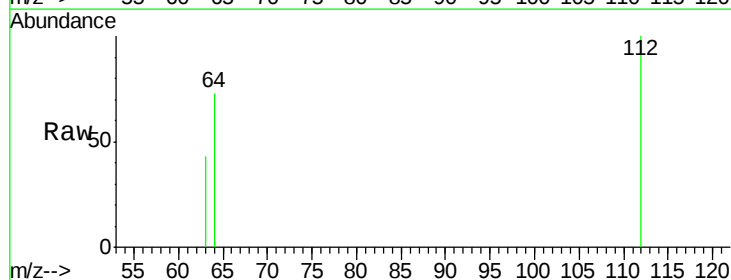
Tgt Ion: 112 Resp: 515

Ion Ratio Lower Upper

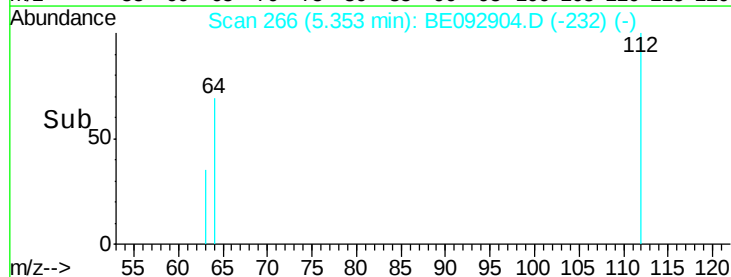
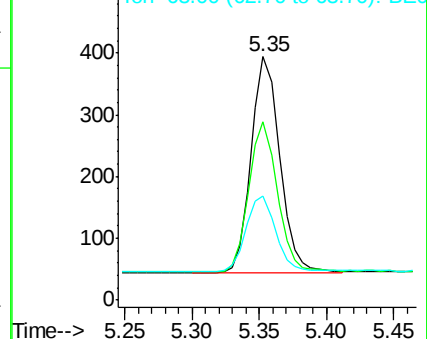
112 100

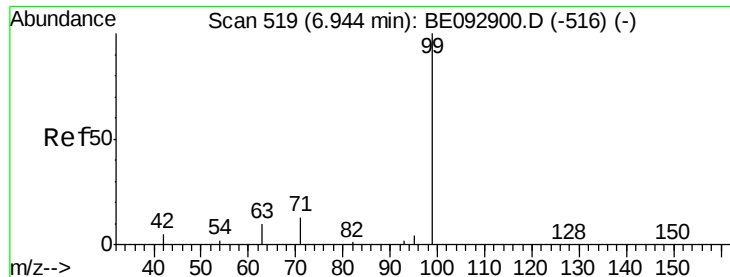
64 68.9 52.6 79.0

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

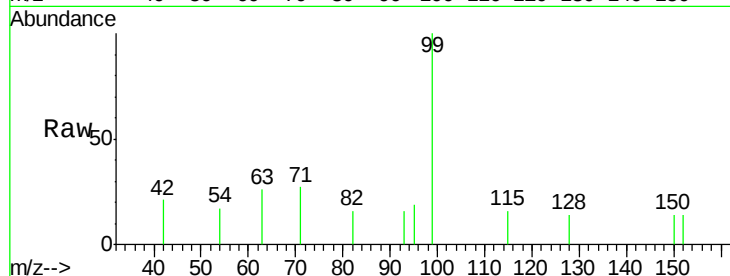
Tgt Ion: 99 Resp: 720

Ion Ratio Lower Upper

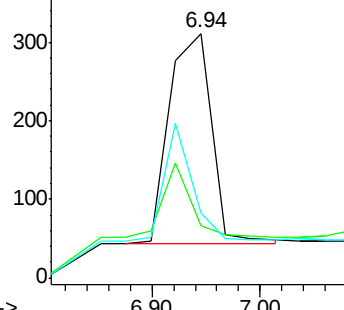
99 100

42 0.0 0.0 0.0

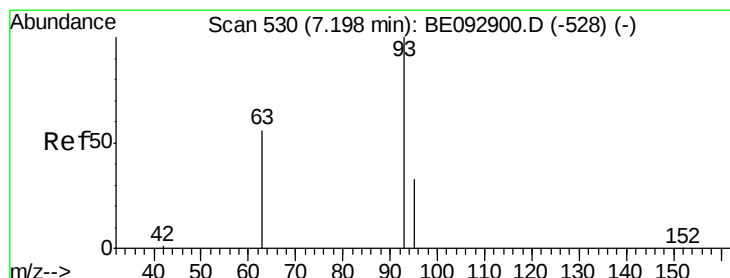
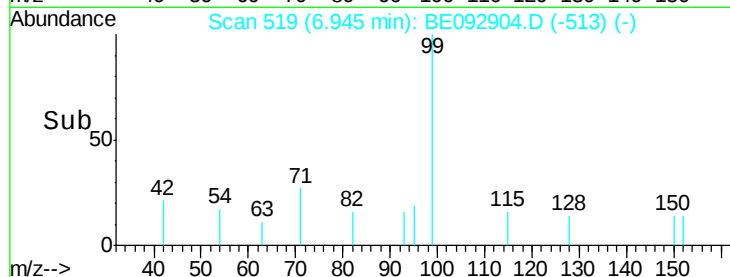
71 0.0 0.0 0.0



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



Time-->



#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

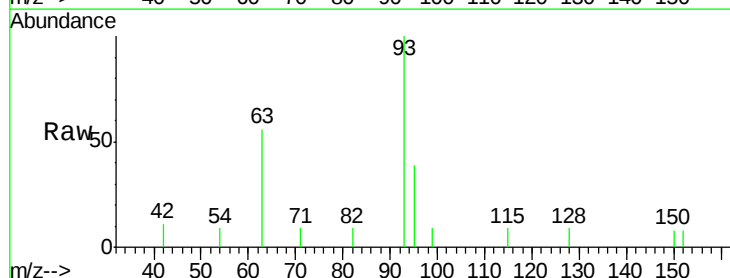
Tgt Ion: 93 Resp: 867

Ion Ratio Lower Upper

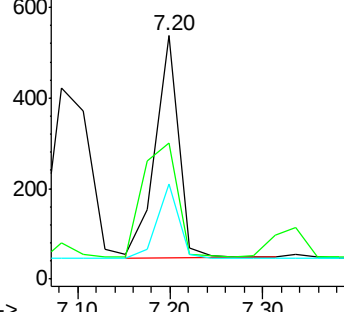
93 100

63 76.0 61.2 91.8

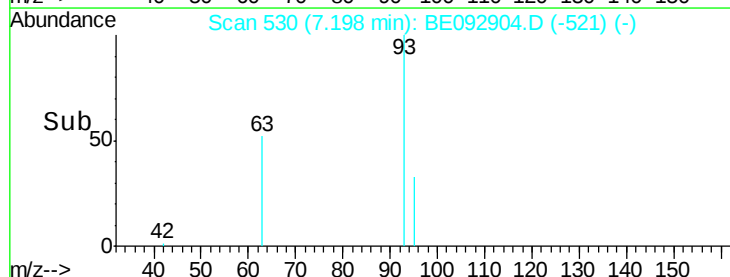
95 32.2 25.5 38.3

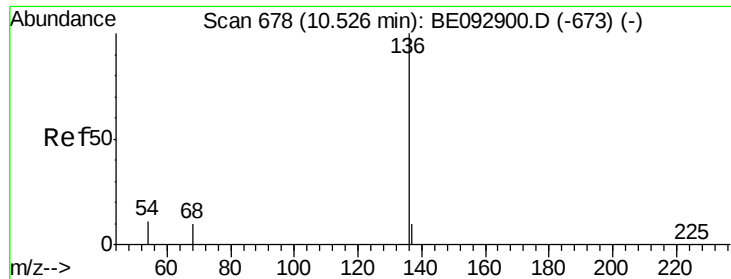


Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



Time-->





#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

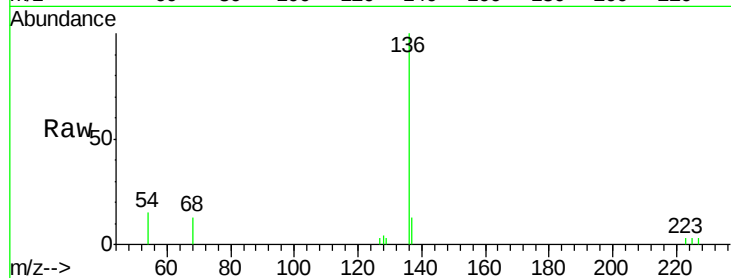
Ion Ratio Lower Upper

136 100

137 12.9 10.4 15.6

54 14.5 12.6 18.8

68 12.6 10.7 16.1

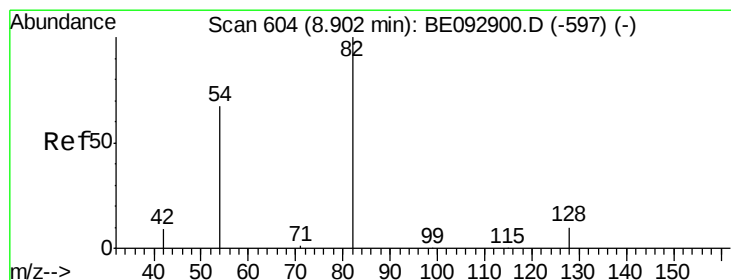
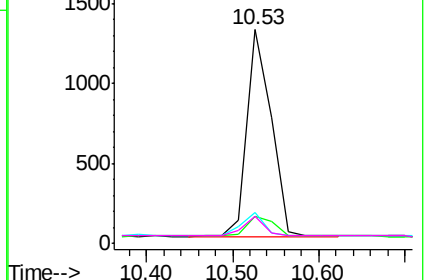
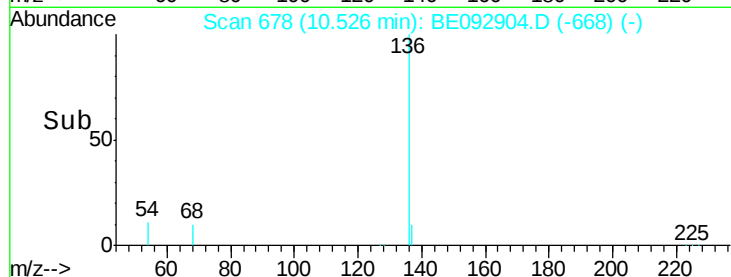


Abundance Ion 136.00 (135.70 to 136.70): E

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

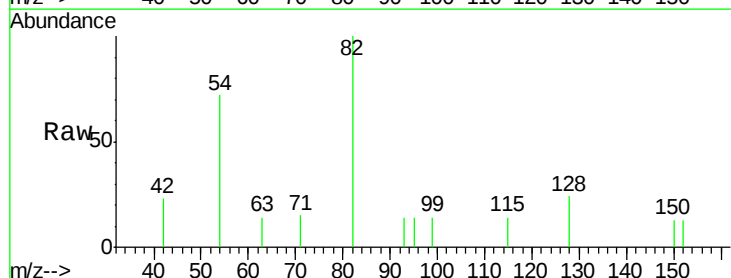
Tgt Ion: 82 Resp: 656

Ion Ratio Lower Upper

82 100

128 23.7 35.3 52.9#

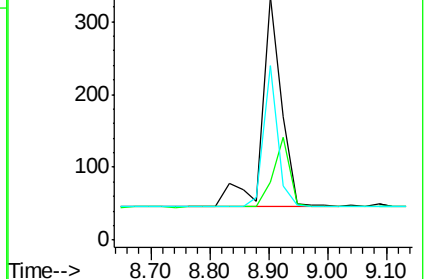
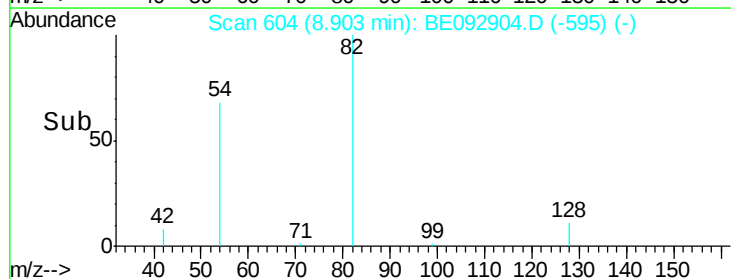
54 71.9 65.1 97.7

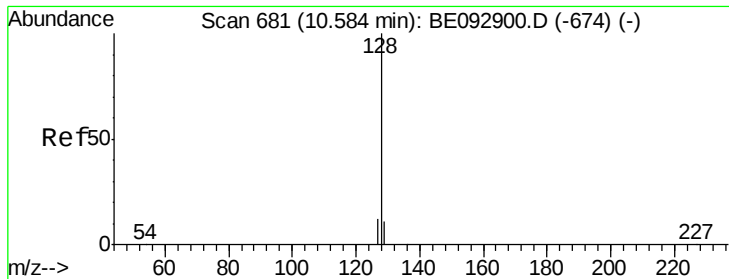


Abundance Ion 82.00 (81.70 to 82.70): BE0

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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BNA_E

ClientSampleId :

ICVBE042017

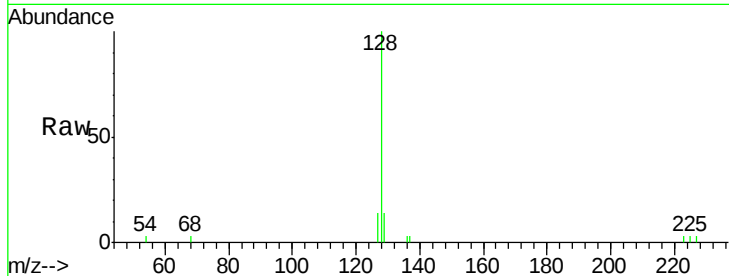
Tgt Ion:128 Resp: 2600

Ion Ratio Lower Upper

128 100

129 14.5 15.8 23.8#

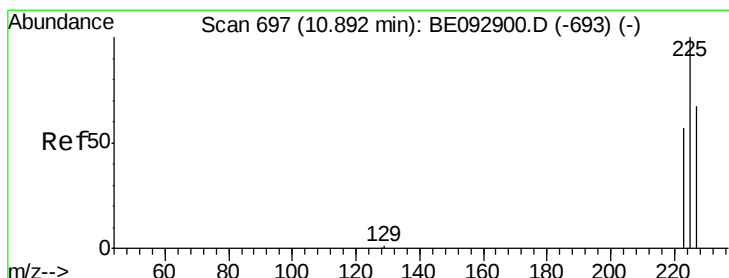
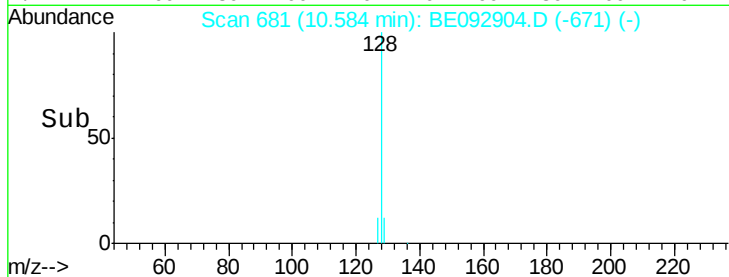
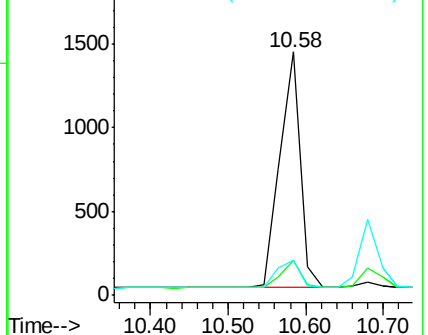
127 14.4 16.0 24.0#



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: 0.41 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

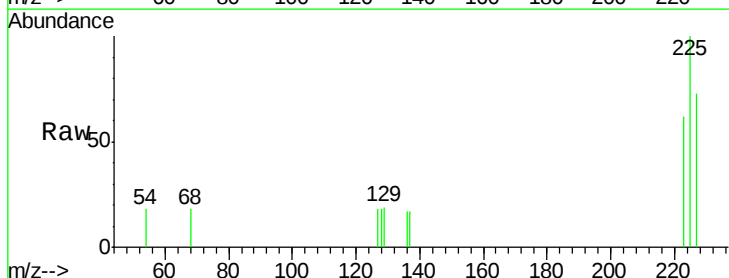
Tgt Ion:225 Resp: 380

Ion Ratio Lower Upper

225 100

223 62.9 55.4 83.2

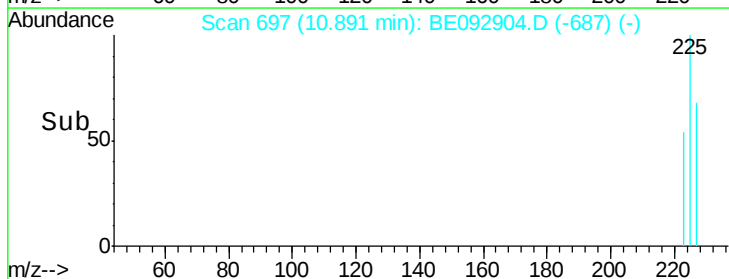
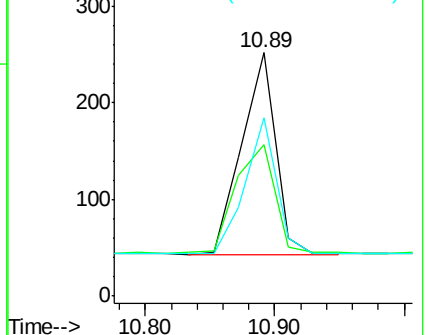
227 62.1 52.2 78.4

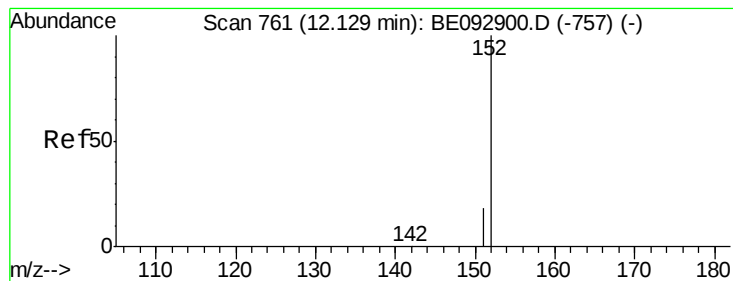


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

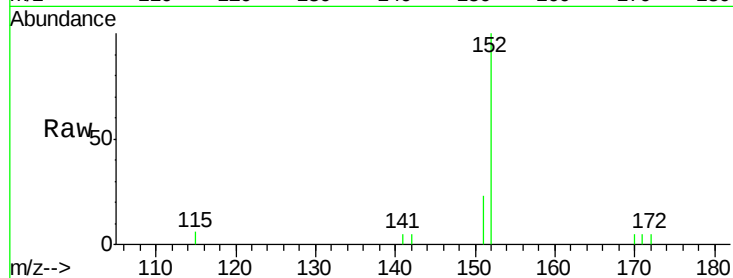
ICVBE042017

Tgt Ion:152 Resp: 1466

Ion Ratio Lower Upper

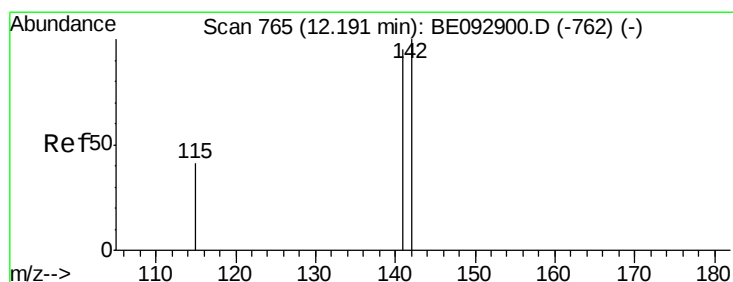
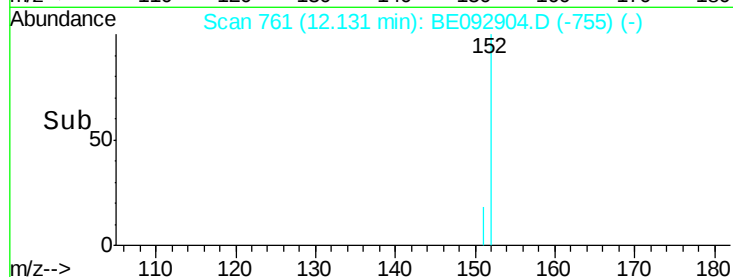
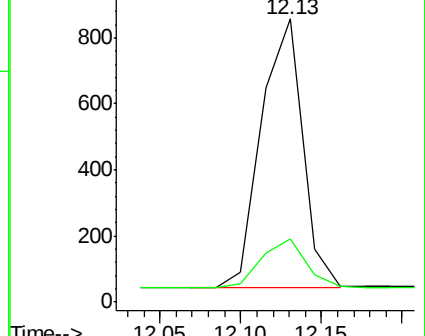
152 100

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

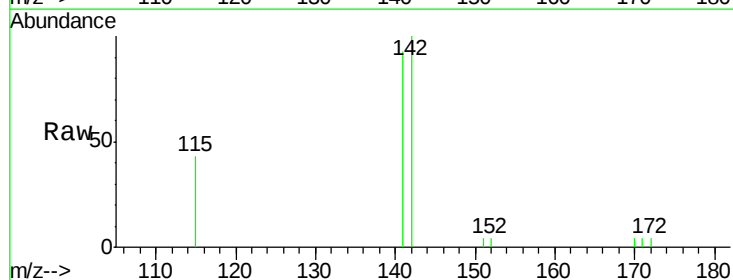
Tgt Ion:142 Resp: 1604

Ion Ratio Lower Upper

142 100

141 93.0 76.0 114.0

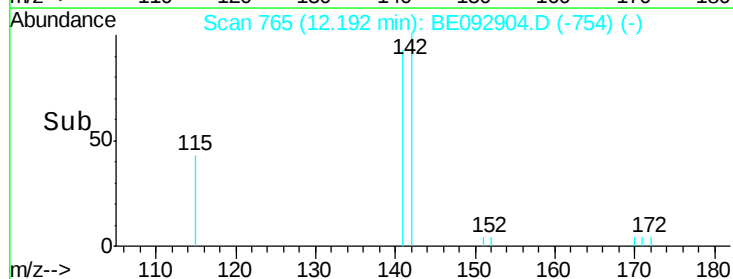
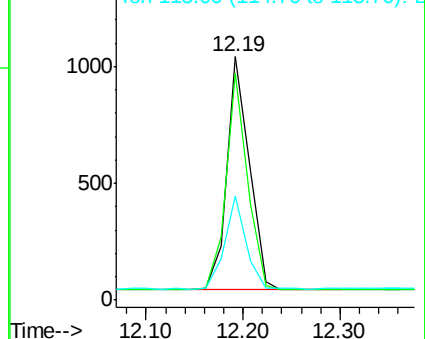
115 42.7 41.6 62.4

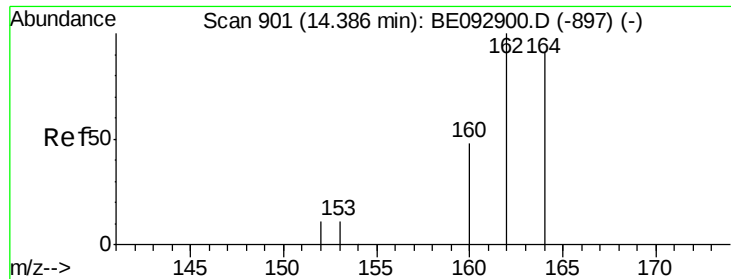


Abundance Ion 142.00 (141.70 to 142.70): E

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

Acq: 20 Apr 2017 17:35

Instrument :

BNA_E

ClientSampleId :

ICVBE042017

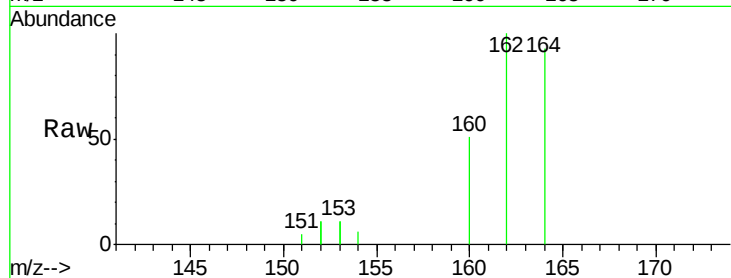
Tgt Ion:164 Resp: 1122

Ion Ratio Lower Upper

164 100

162 107.3 86.6 130.0

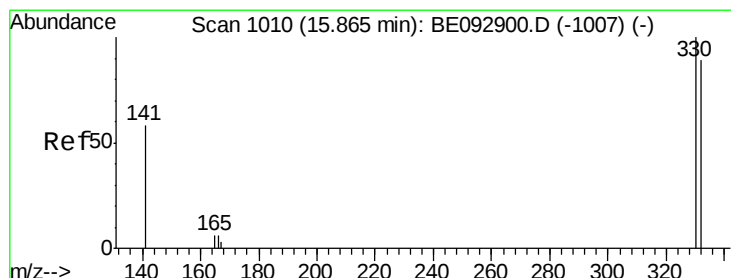
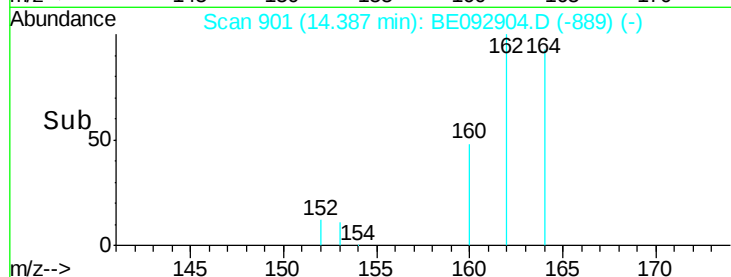
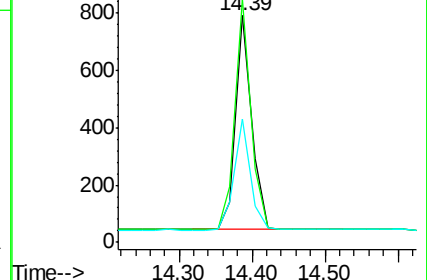
160 54.4 44.5 66.7



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

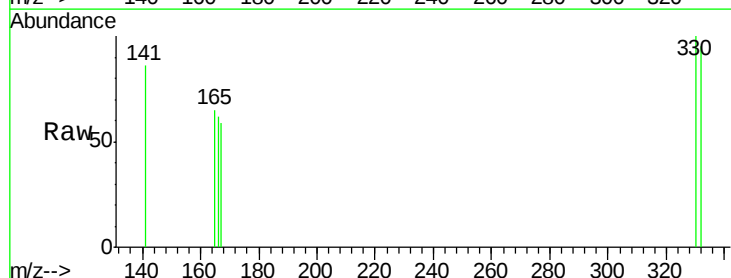
Tgt Ion:330 Resp: 63

Ion Ratio Lower Upper

330 100

332 96.8 69.1 103.7

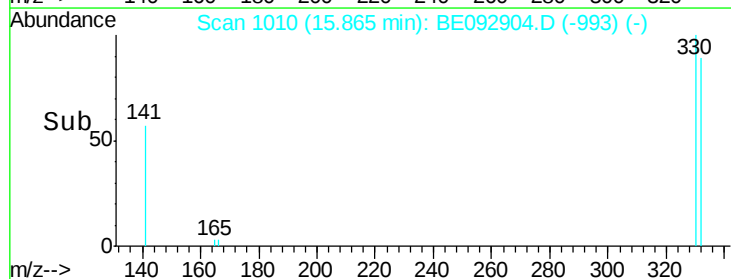
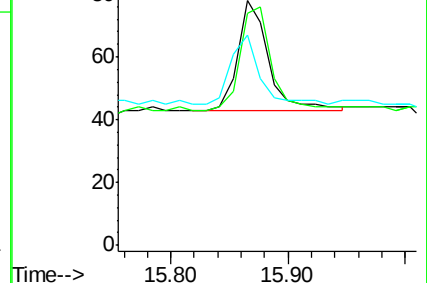
141 58.7 54.6 81.8

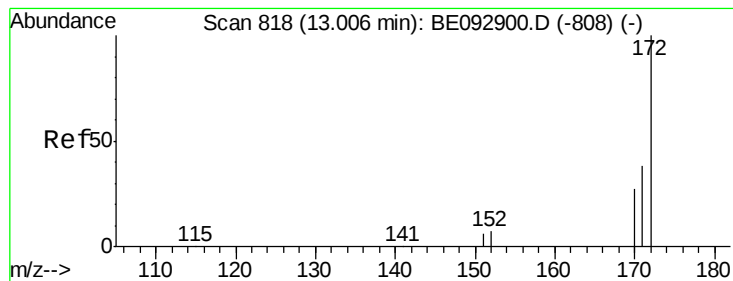


Abundance Ion 329.80 (329.50 to 330.50): E

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

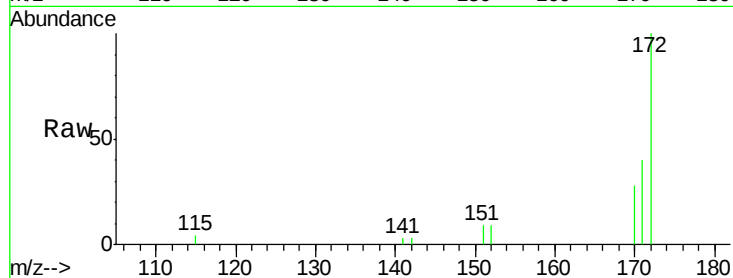
Tgt Ion:172 Resp: 2094

Ion Ratio Lower Upper

172 100

171 39.6 35.8 53.6

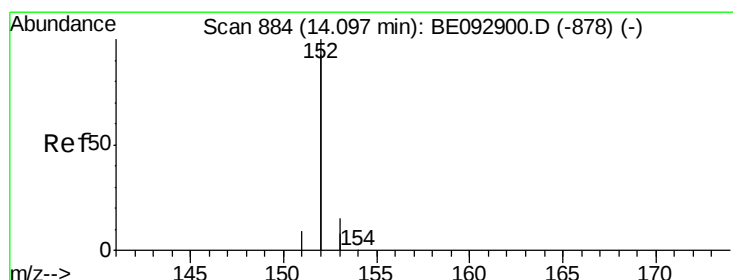
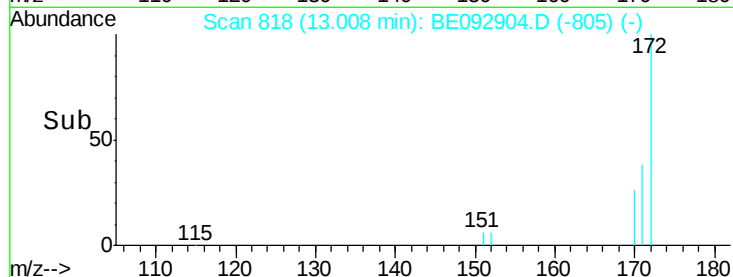
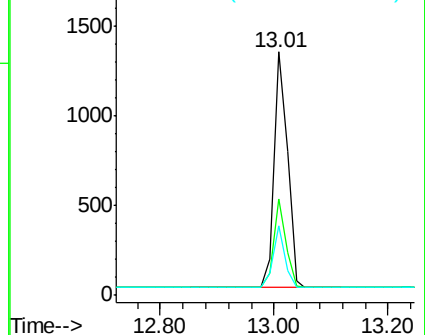
170 28.3 28.5 42.7#



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

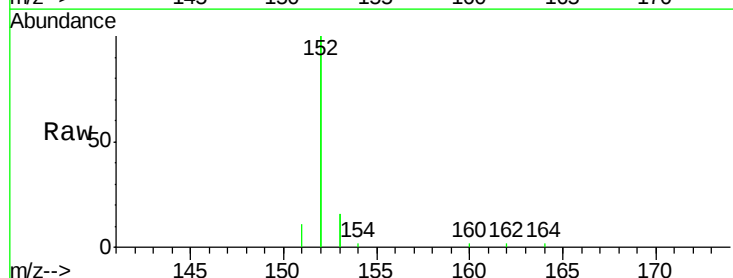
Tgt Ion:152 Resp: 6804

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

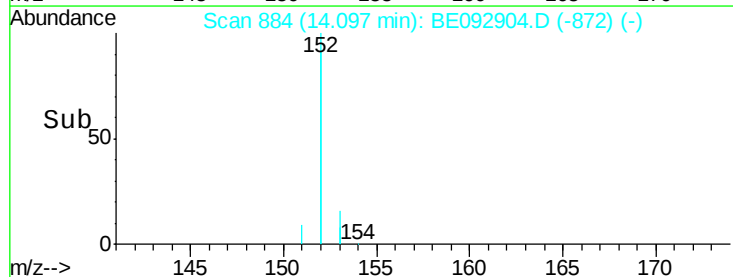
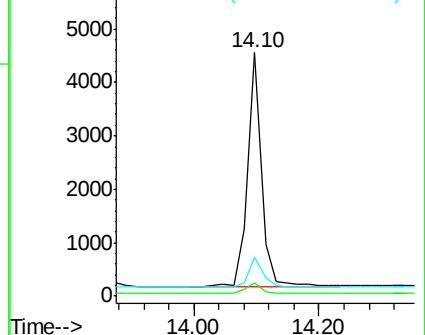
153 12.5 10.0 15.0

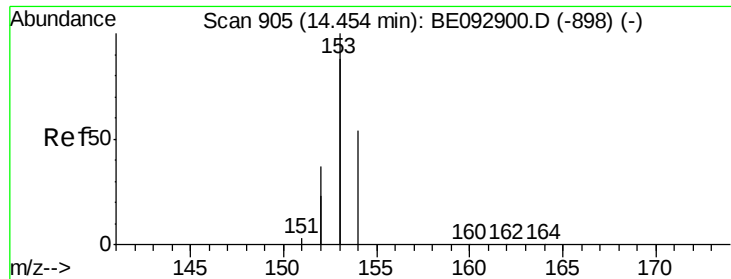


Abundance Ion 152.00 (151.70 to 152.70): E

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

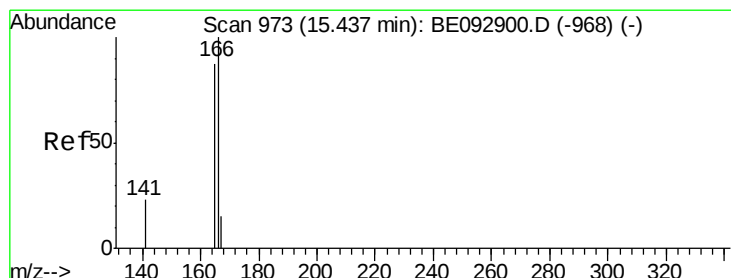
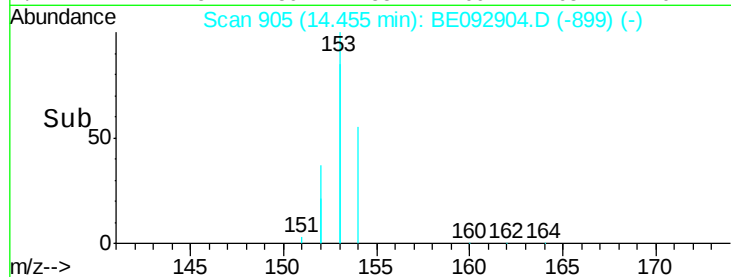
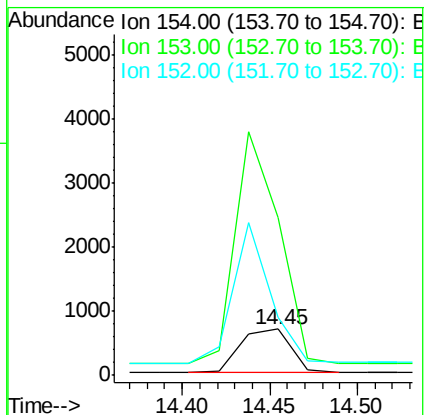
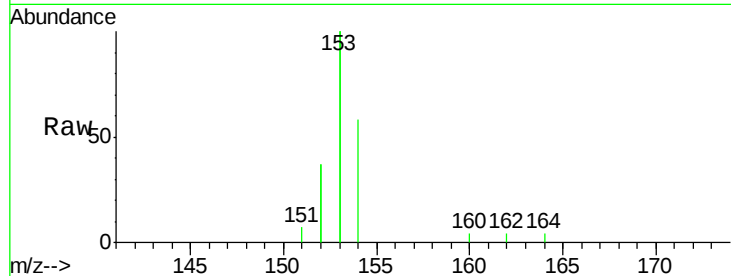
Tgt Ion:154 Resp: 1372

Ion Ratio Lower Upper

154 100

153 463.8 355.6 533.4

152 240.5 177.8 266.8



#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

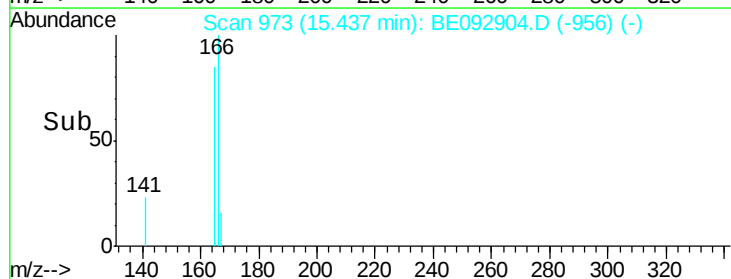
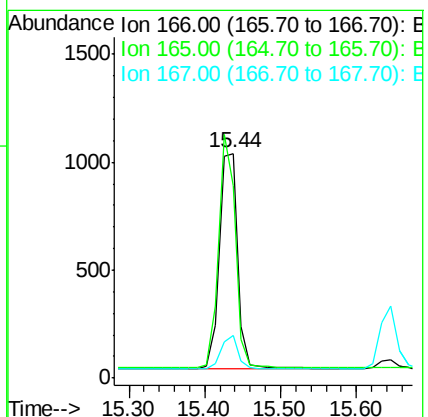
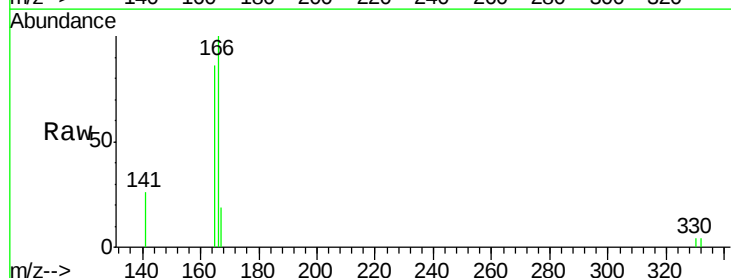
Tgt Ion:166 Resp: 1687

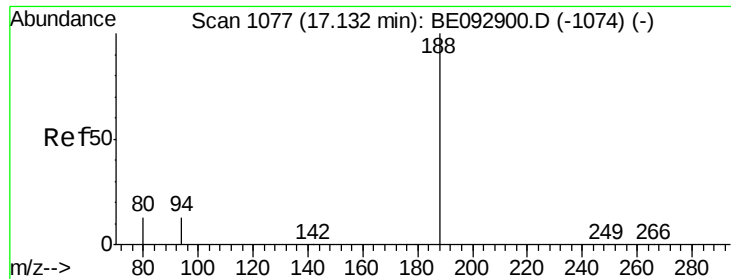
Ion Ratio Lower Upper

166 100

165 99.2 80.7 121.1

167 14.5 11.3 16.9





#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

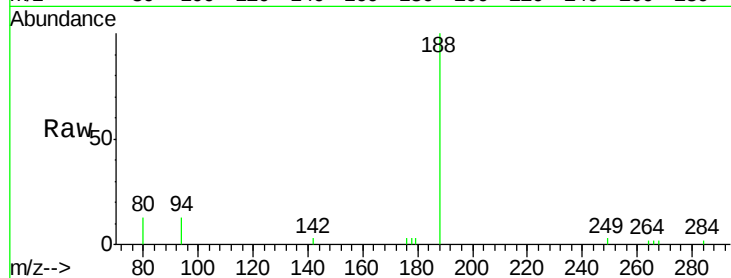
Tgt Ion:188 Resp: 2916

Ion Ratio Lower Upper

188 100

94 13.2 10.2 15.4

80 13.3 10.6 15.8

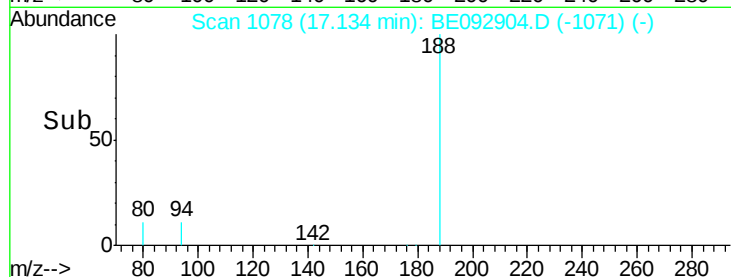


Abundance Ion 188.00 (187.70 to 188.70): E

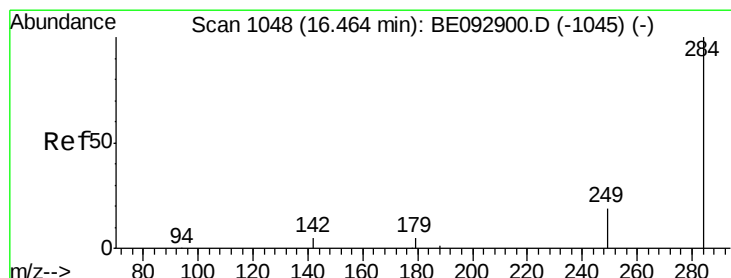
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->



Time-->



#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

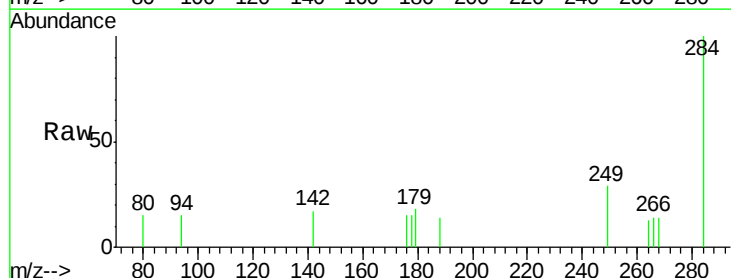
Tgt Ion:284 Resp: 469

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 0.0 0.0 0.0

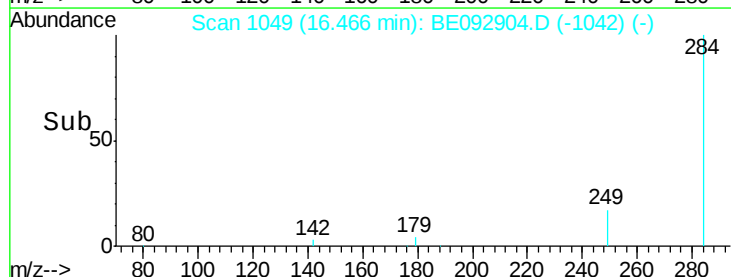


Abundance Ion 283.80 (283.50 to 284.50): E

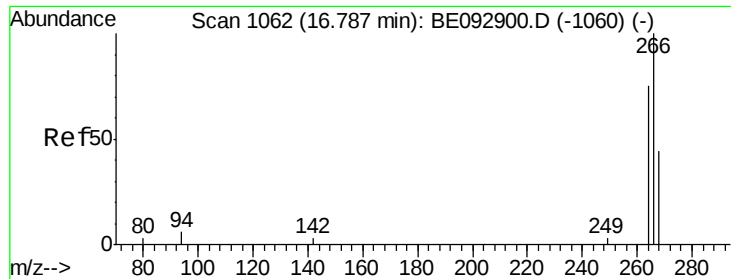
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->

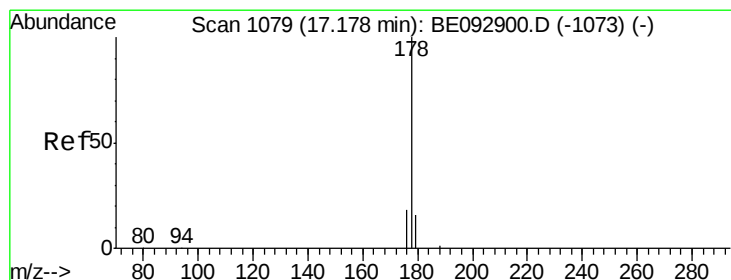
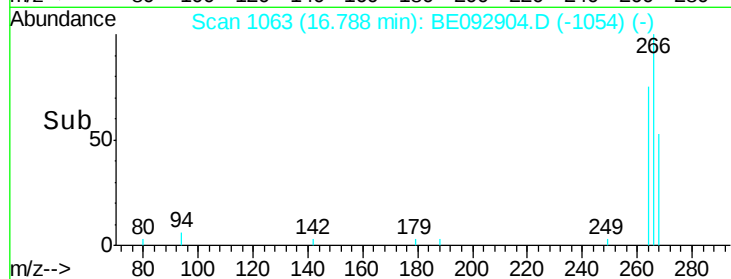
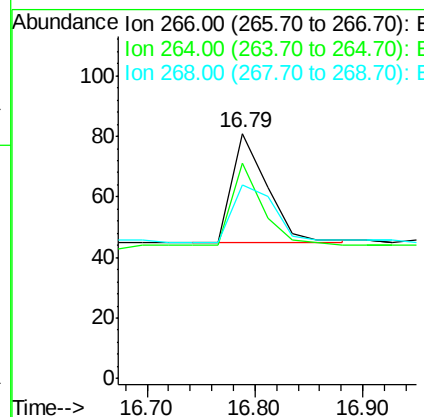
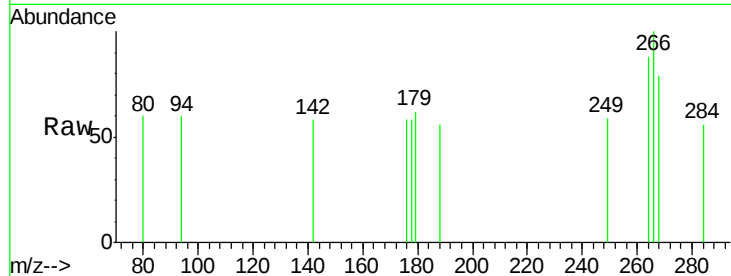


#21
 Pentachlorophenol
 Concen: 0.41 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE042017

Tgt Ion: 266 Resp: 82

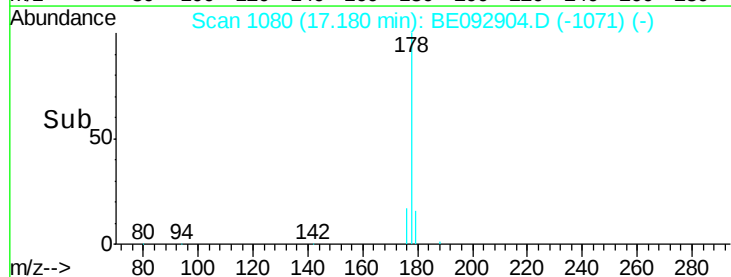
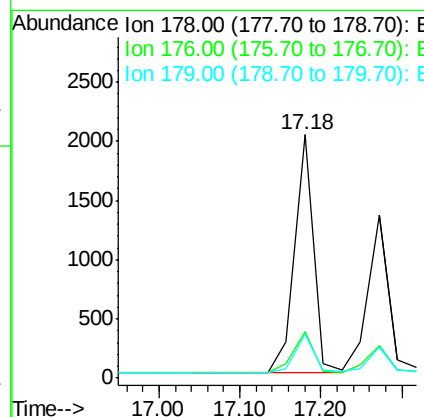
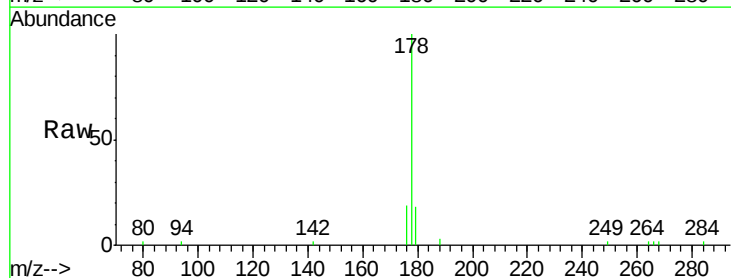
Ion	Ratio	Lower	Upper
266	100		
264	87.7	75.4	113.2
268	79.0	75.4	113.2

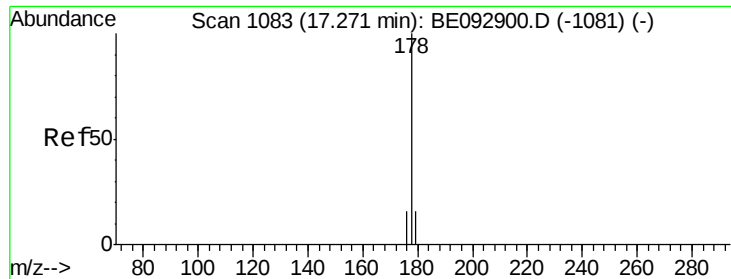


#22
 Phenanthrene
 Concen: 0.39 ng
 RT: 17.18 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

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

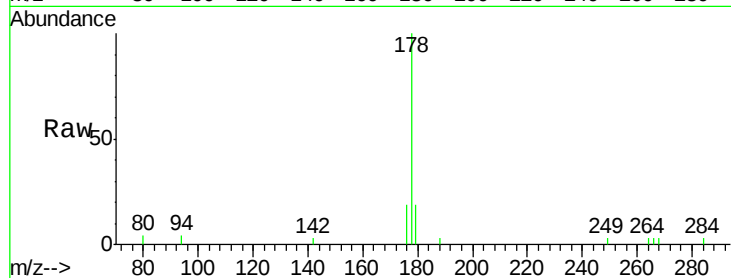
Tgt Ion:178 Resp: 2389

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

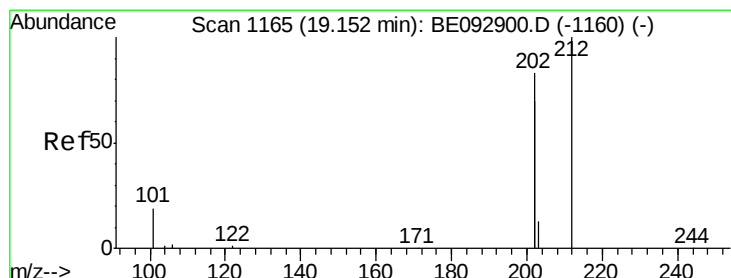
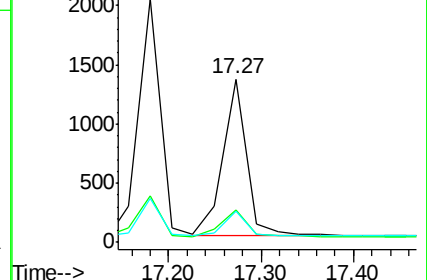
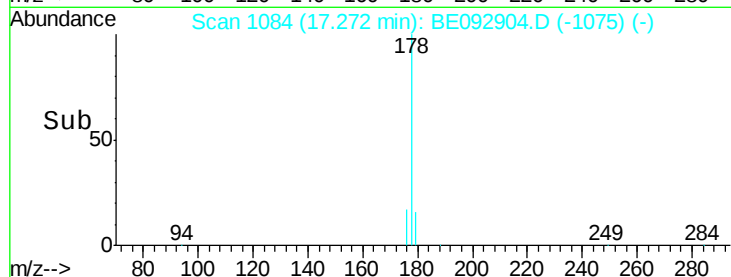
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

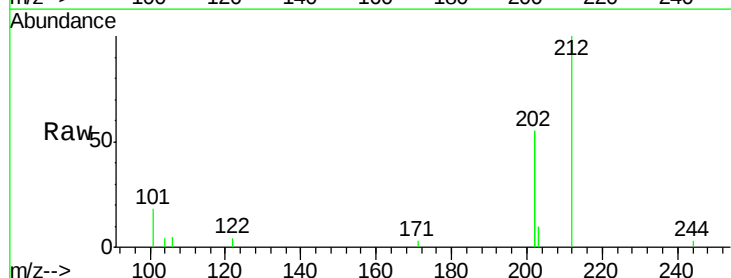
Tgt Ion:212 Resp: 2631

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

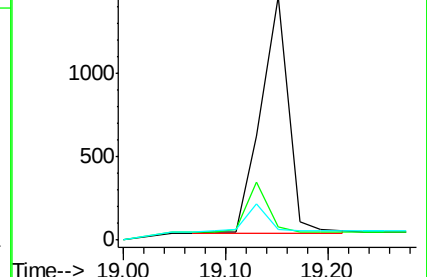
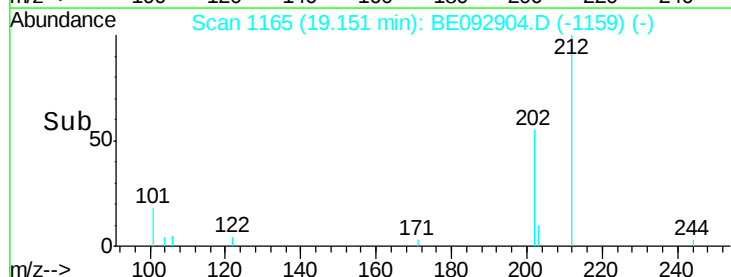
104 0.0 0.0 0.0

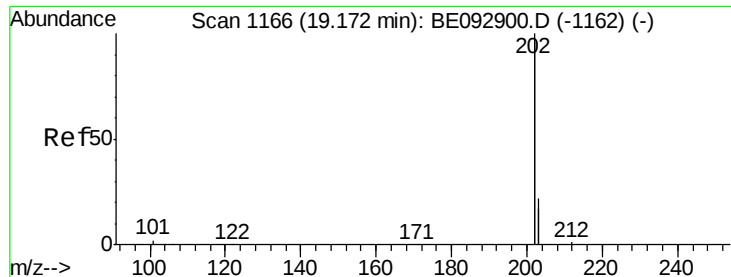


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.39 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

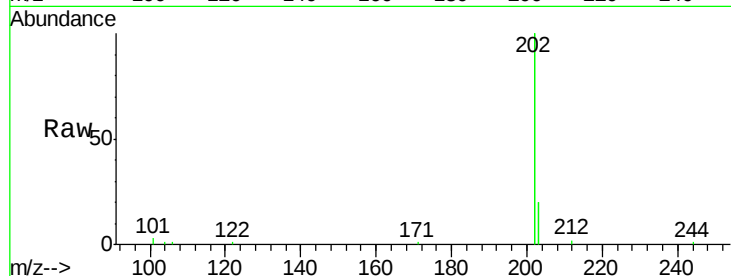
Tgt Ion:202 Resp: 14191

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

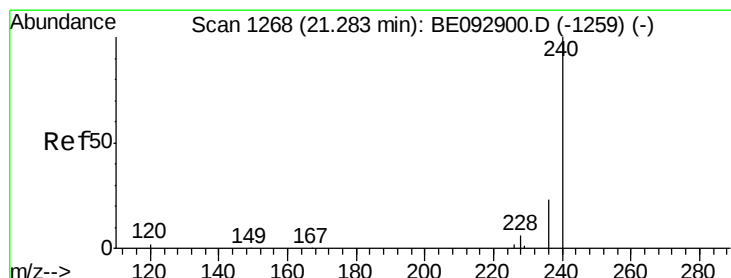
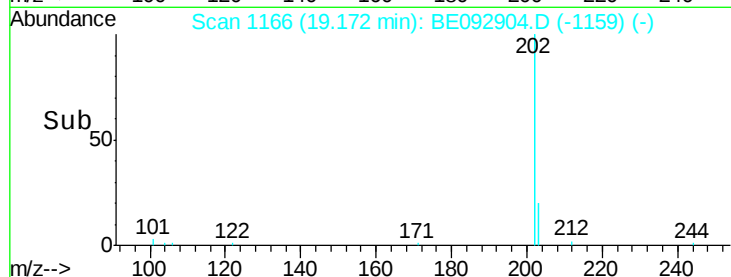
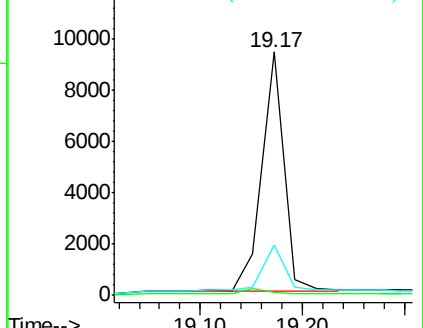
203 18.0 15.3 22.9



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

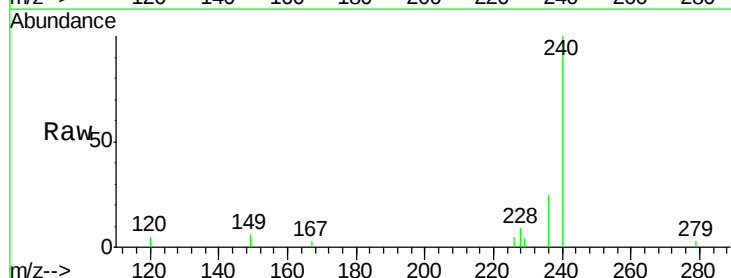
Tgt Ion:240 Resp: 2764

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

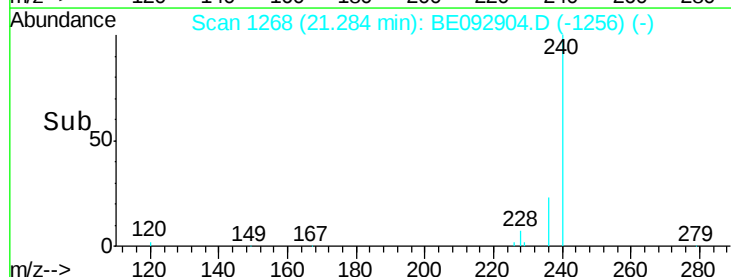
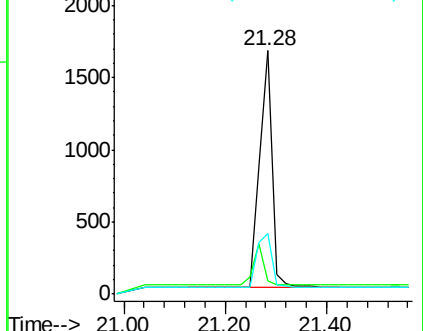
236 24.7 19.8 29.8

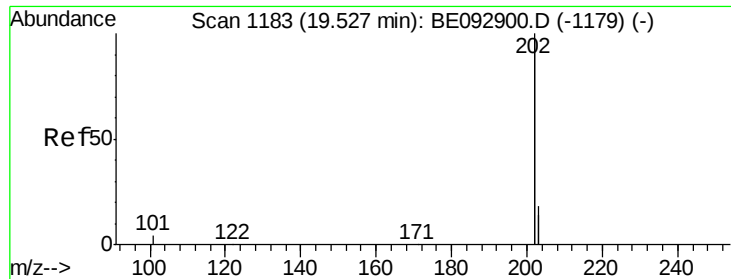


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

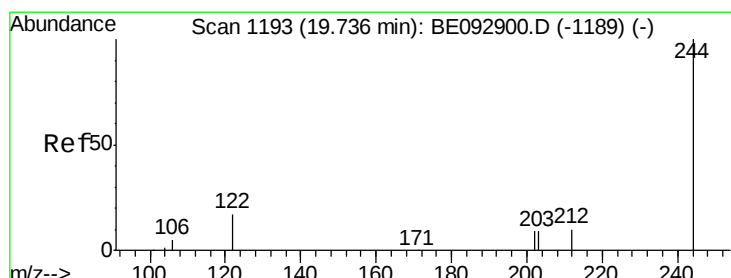
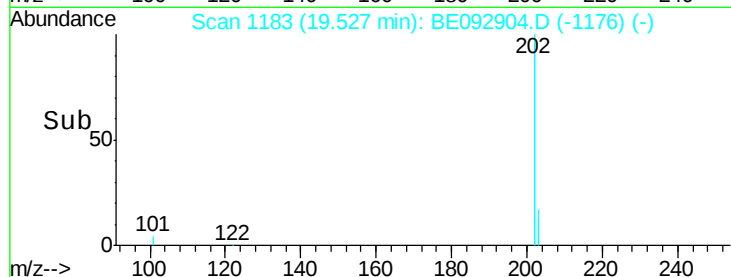
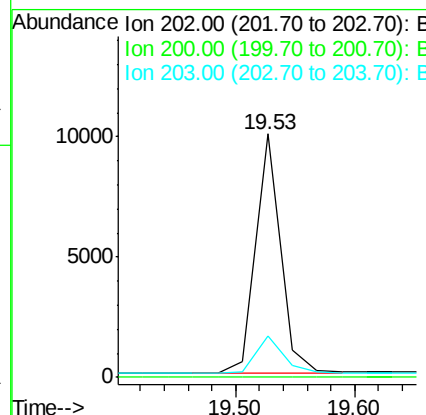
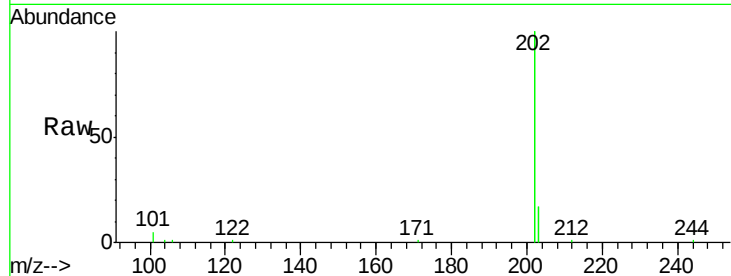




#27
Pyrene
Concen: 0.40 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092904.D
Acq: 20 Apr 2017 17:35

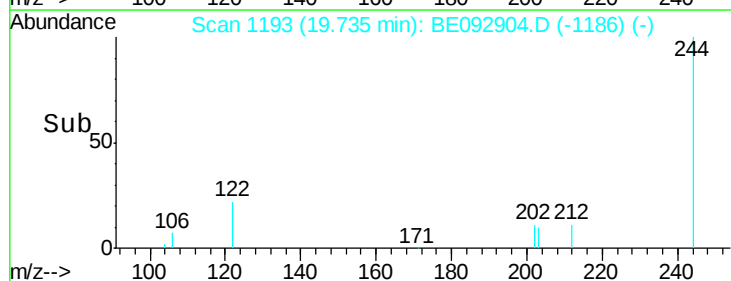
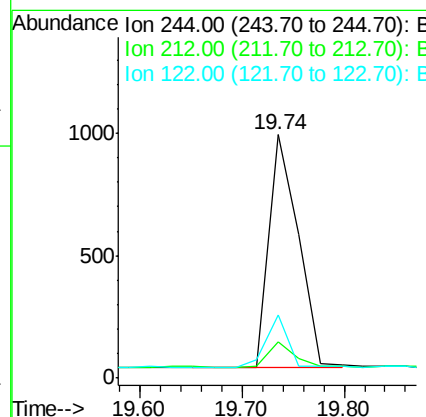
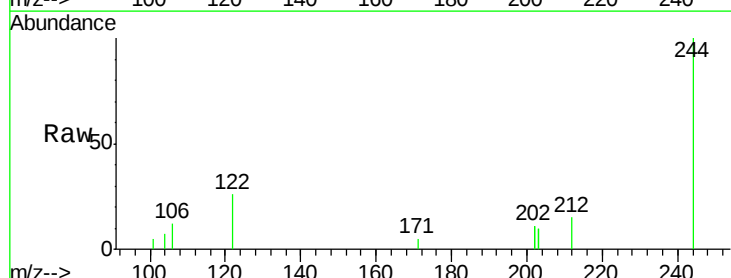
Instrument :
BNA_E
ClientSampled :
ICVBE042017

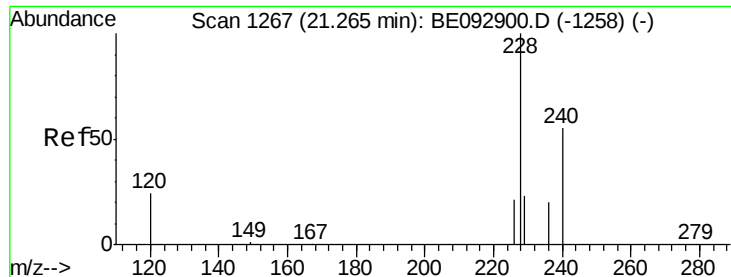
Tgt Ion: 202 Resp: 14432
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 16.5 13.5 20.3



#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





#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

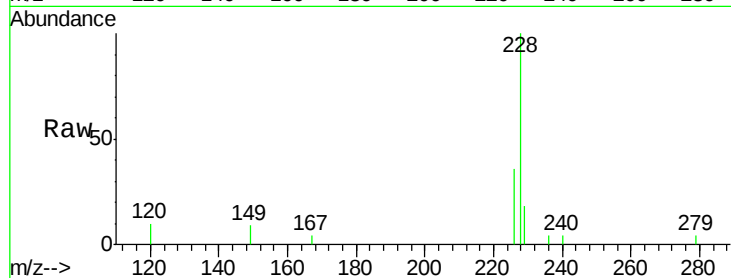
Tgt Ion:228 Resp: 2461

Ion Ratio Lower Upper

228 100

226 35.6 32.0 48.0

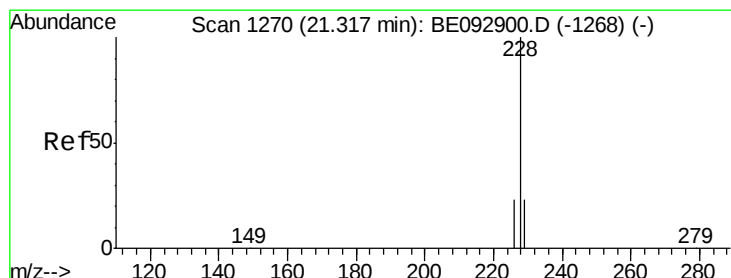
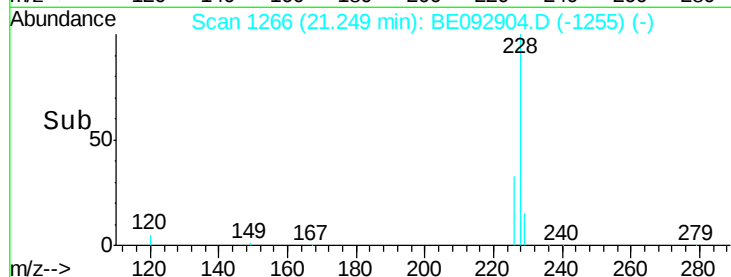
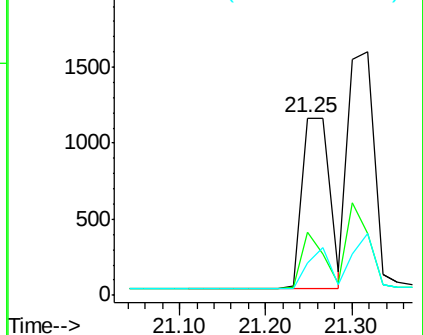
229 18.2 21.4 32.0#



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

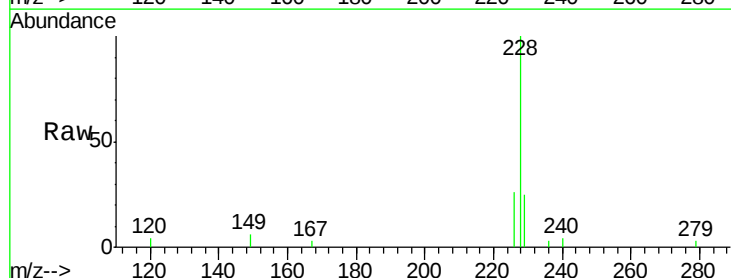
Tgt Ion:228 Resp: 3350

Ion Ratio Lower Upper

228 100

226 25.6 34.2 51.2#

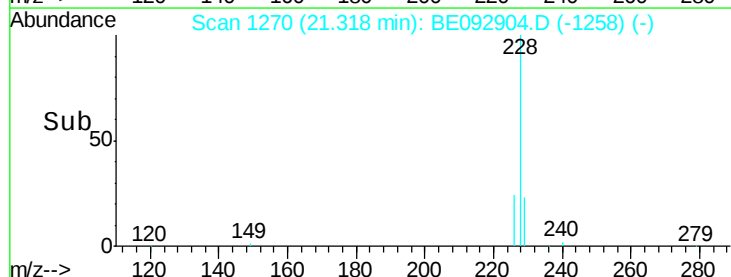
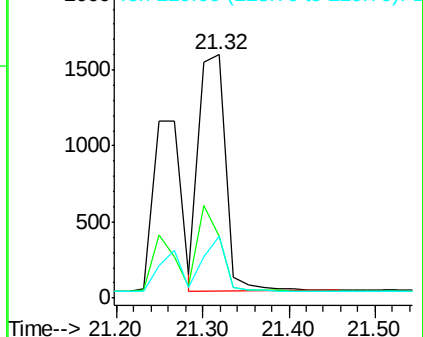
229 25.2 18.6 28.0

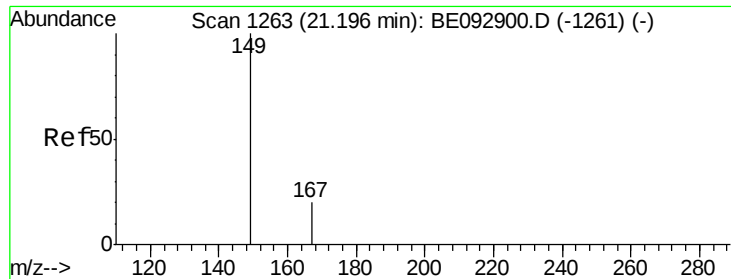


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

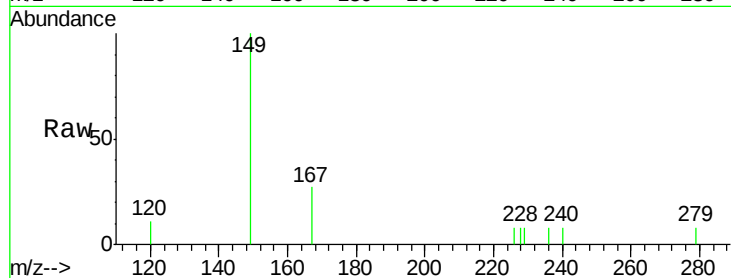




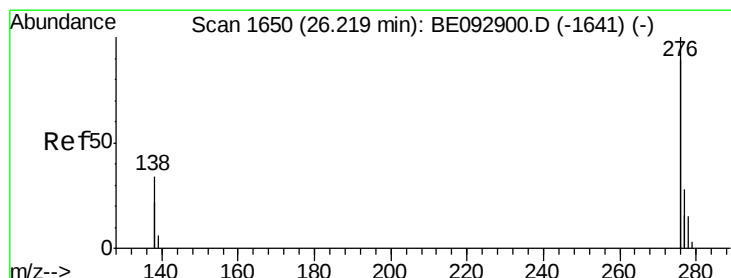
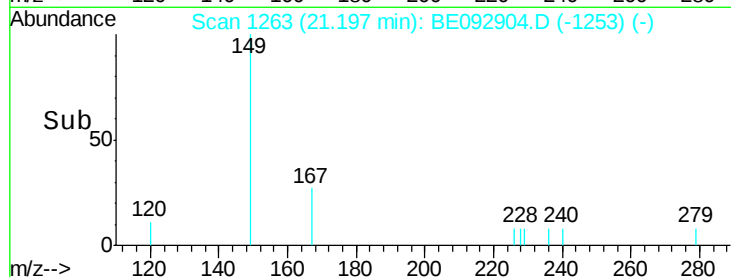
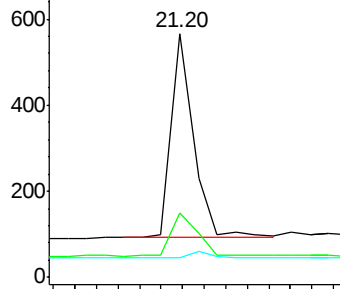
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.41 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

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

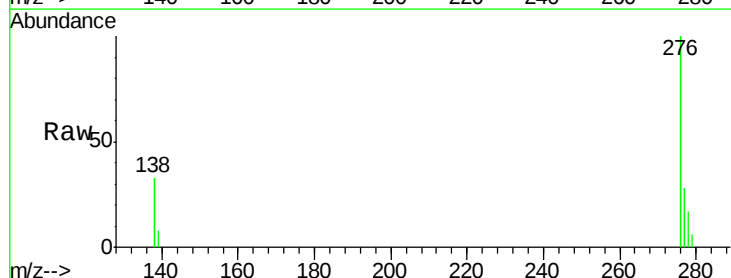


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

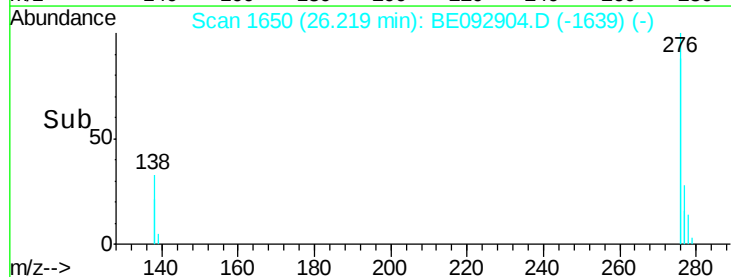
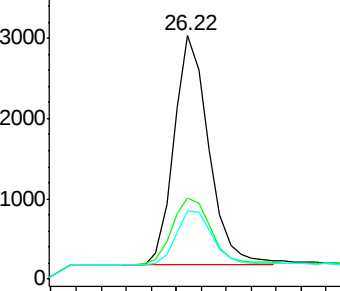


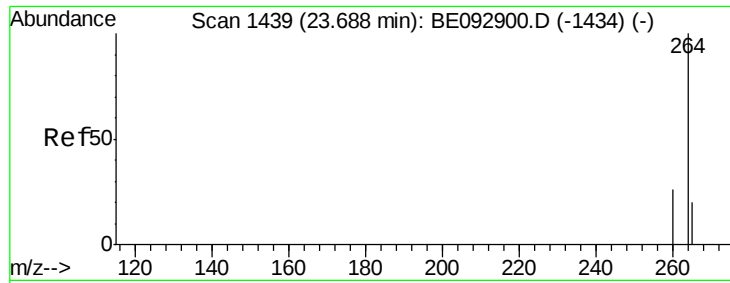
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

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

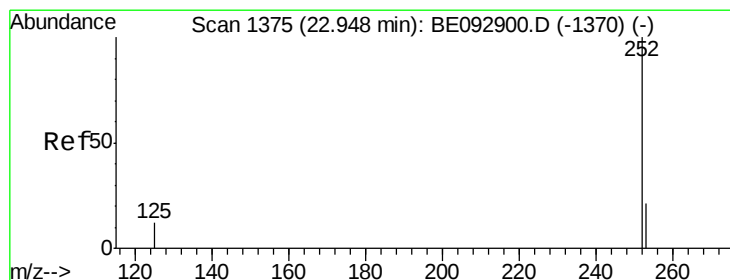
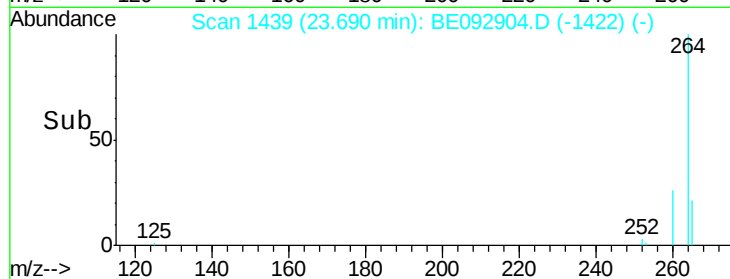
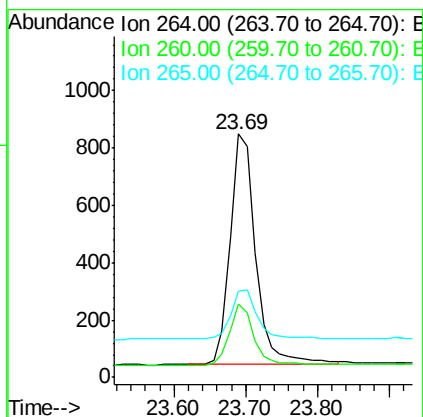
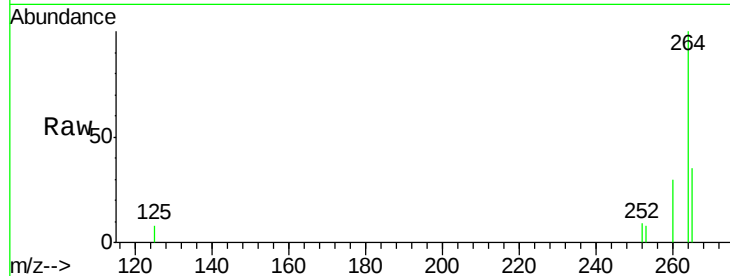




#33
Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE092904.D
 Acq: 20 Apr 2017 17:35

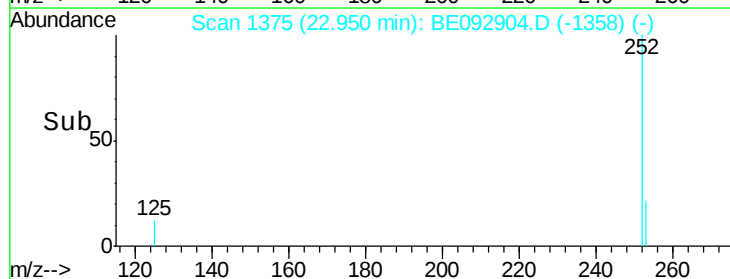
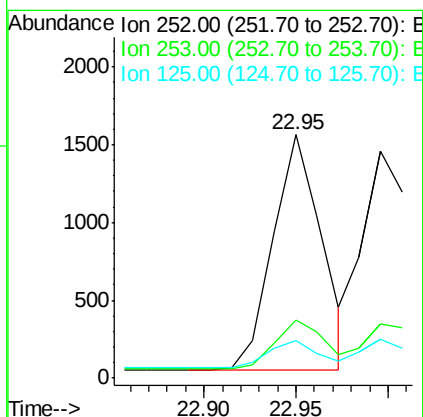
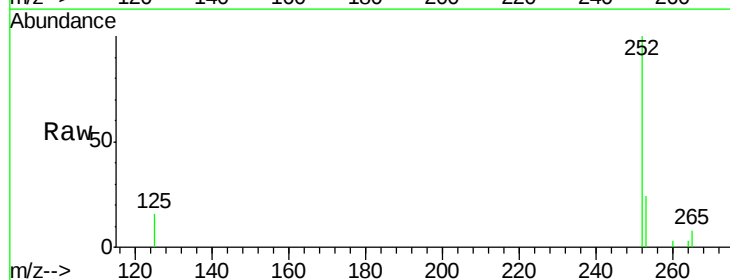
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE042017

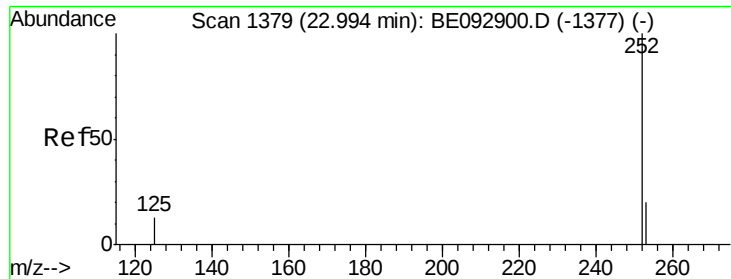
Tgt Ion: 264 Resp: 2011
 Ion Ratio Lower Upper
 264 100
 260 30.0 23.5 35.3
 265 35.3 27.2 40.8



#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#





#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

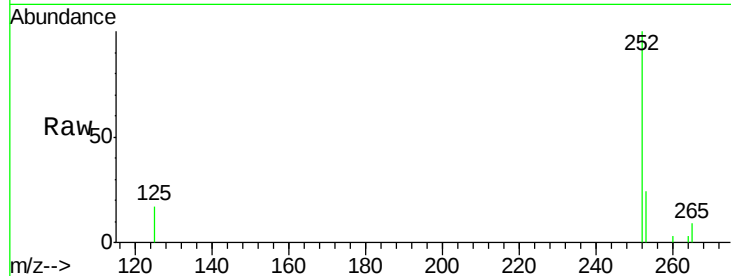
Tgt Ion:252 Resp: 2702

Ion Ratio Lower Upper

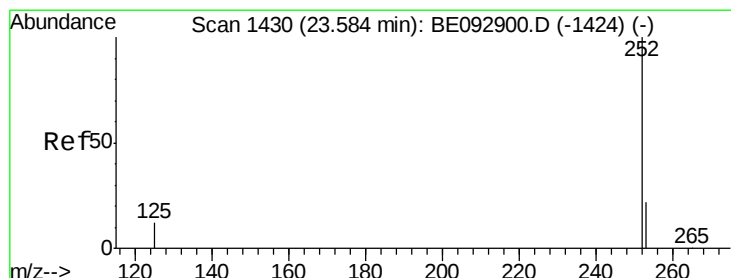
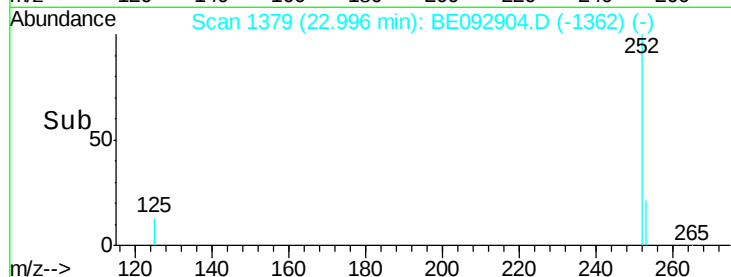
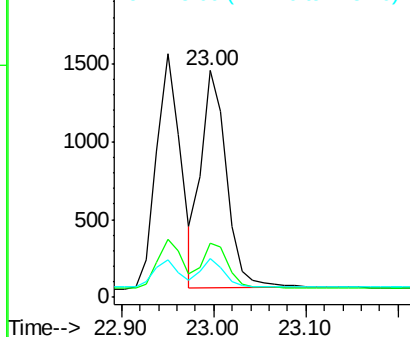
252 100

253 23.9 25.8 38.8#

125 16.9 22.9 34.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.59 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BE092904.D

Acq: 20 Apr 2017 17:35

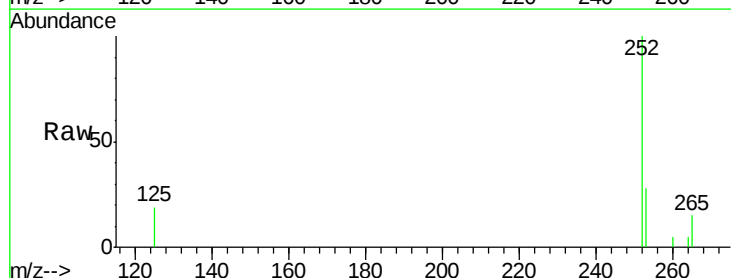
Tgt Ion:252 Resp: 2135

Ion Ratio Lower Upper

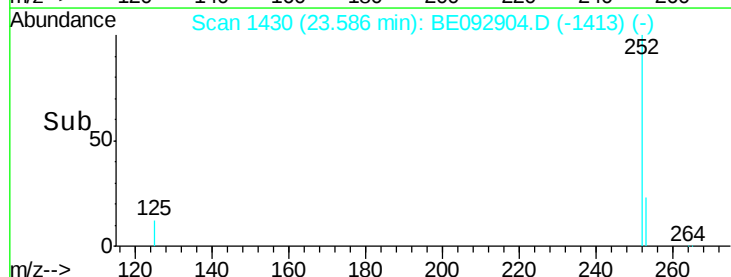
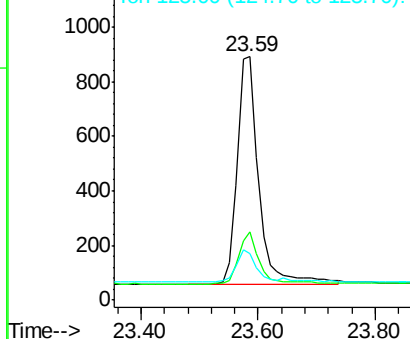
252 100

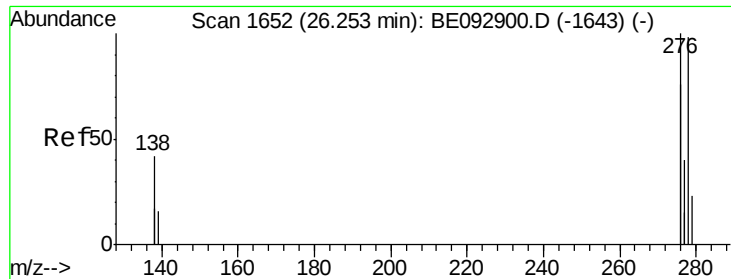
253 28.3 31.3 46.9#

125 18.9 26.4 39.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 0.40 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

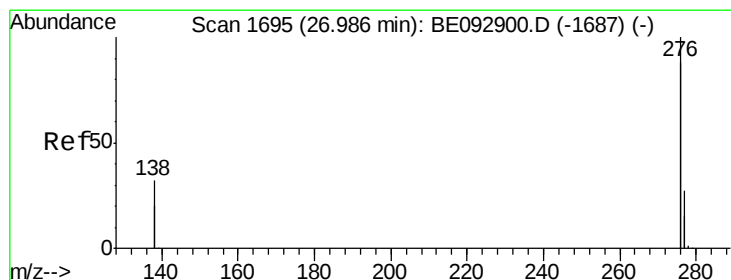
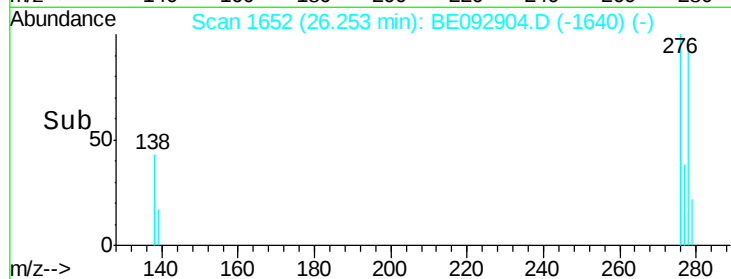
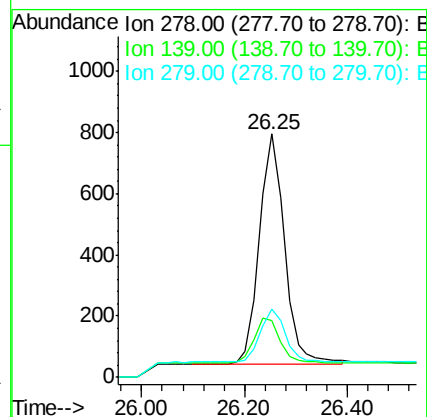
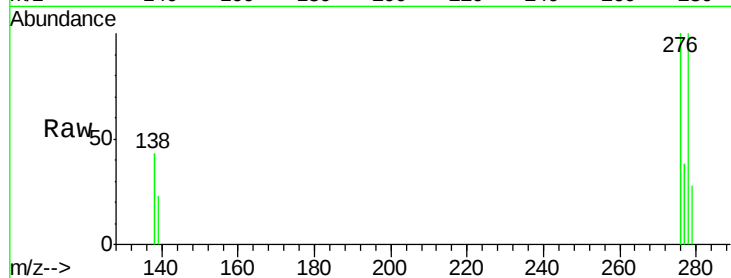
Tgt Ion: 278 Resp: 2518

Ion Ratio Lower Upper

278 100

139 23.1 27.4 41.2#

279 28.3 33.3 49.9#



#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#

