

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112717\
 Data File : BE094872.D
 Acq On : 27 Nov 2017 14:55
 Operator : SJ/JU
 Sample : I6509-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-171114

Quant Time: Nov 27 16:12:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

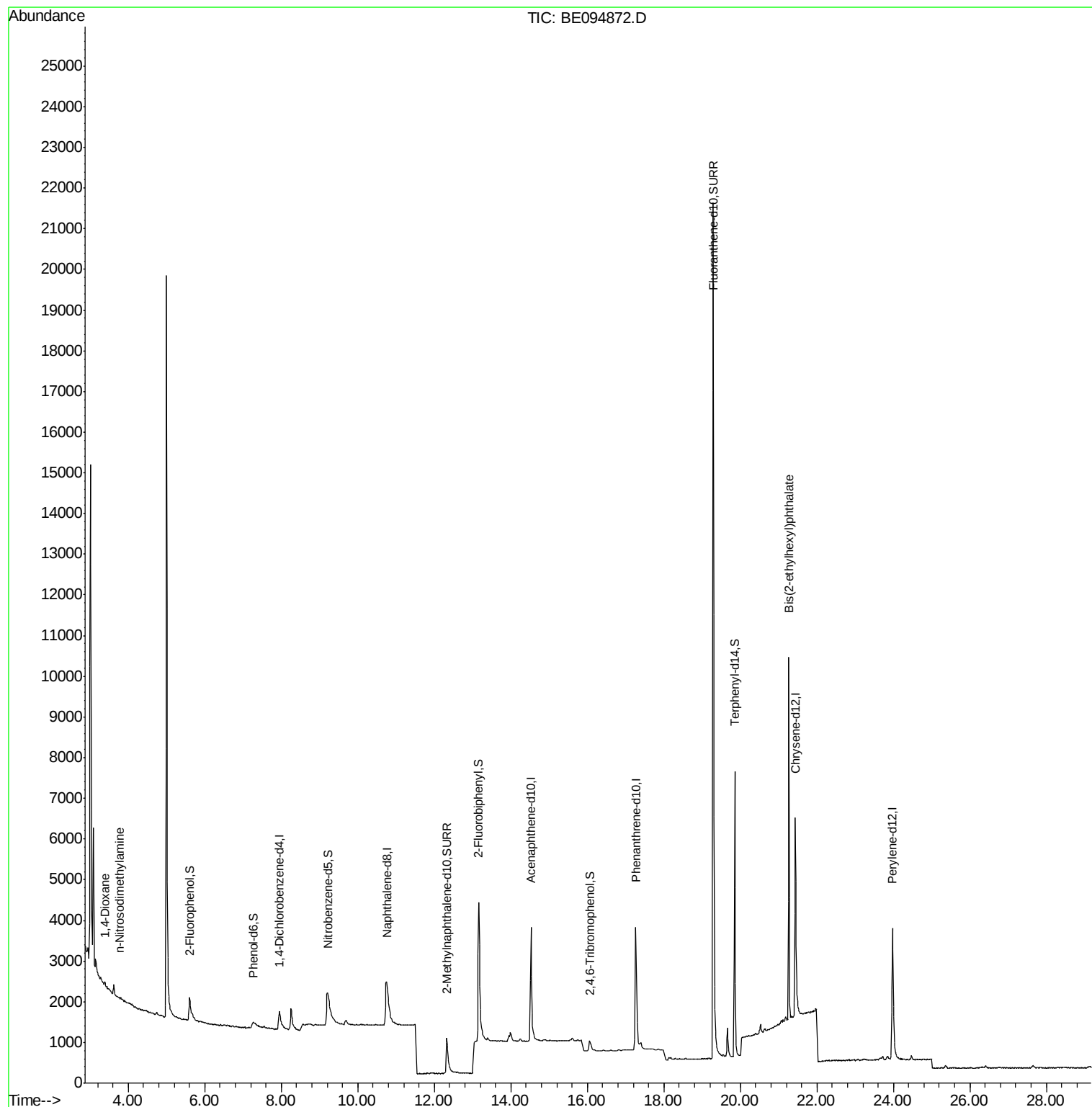
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	502	0.40	ng	0.04
7) Naphthalene-d8	10.76	136	3393	0.40	ng	0.05
13) Acenaphthene-d10	14.52	164	2541	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	7262	0.40	ng	0.03
27) Chrysene-d12	21.44	240	6935	0.40	ng	0.01
34) Perylene-d12	23.98	264	6437	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	270	0.16	ng	0.09
5) Phenol-d6	7.26	99	340	0.13	ng	0.13
8) Nitrobenzene-d5	9.21	82	800	0.30	ng	0.13
11) 2-Methylnaphthalene-d10	12.33	152	2642	0.49	ng	0.04
14) 2,4,6-Tribromophenol	16.06	330	356	0.51	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	6233	0.70	ng	0.01
25) Fluoranthene-d10	19.29	212	38390	0.44	ng	0.00
29) Terphenyl-d14	19.85	244	7200	0.55	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	75	0.088	ng	Qvalue # 13
3) n-Nitrosodimethylamine	3.76	42	28	0.034	ng	# 1
23) Phenanthrene	17.30	178	266	Below Cal		# 81
26) Fluoranthene	19.32	202	63	Below Cal		# 76
32) Bis(2-ethylhexyl)phthalate	21.27	149	9706	0.175	ng	99

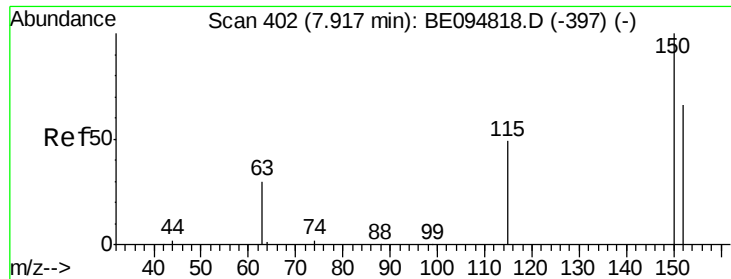
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. 0.04 min

Lab File: BE094872.D

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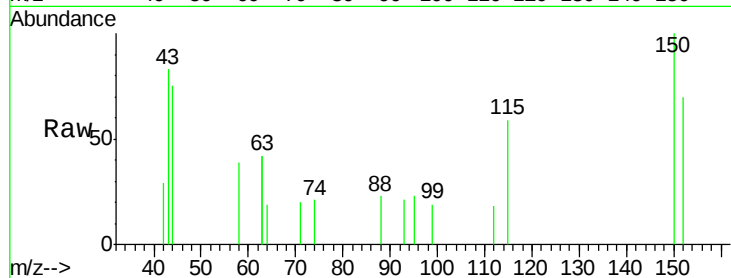
Tgt Ion:152 Resp: 502

Ion Ratio Lower Upper

152 100

150 143.8 117.2 175.8

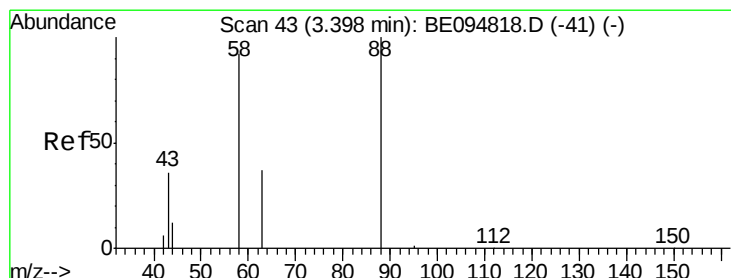
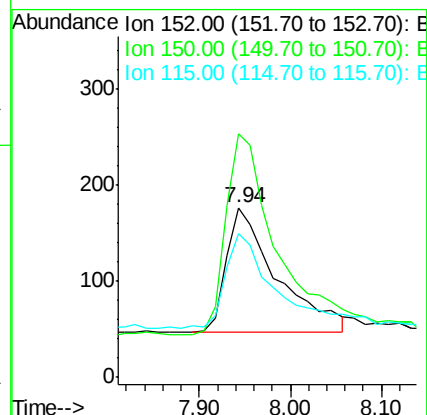
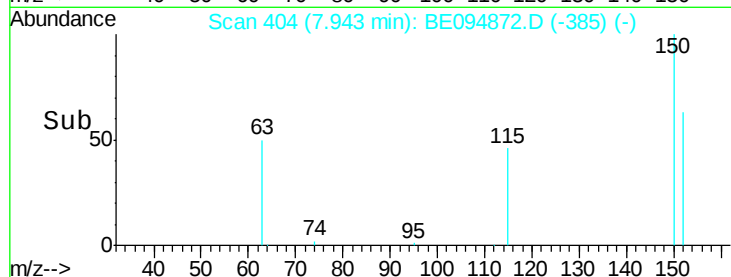
115 84.7 57.0 85.6



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: 0.088 ng

RT: 3.39 min Scan# 42

Delta R.T. -0.04 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

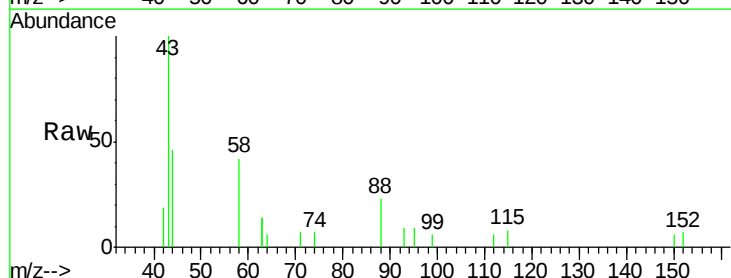
Tgt Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

58 162.7 63.2 94.8#

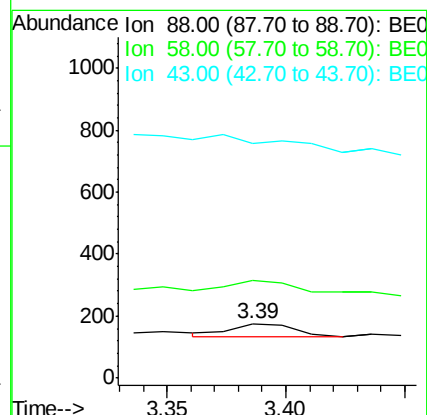
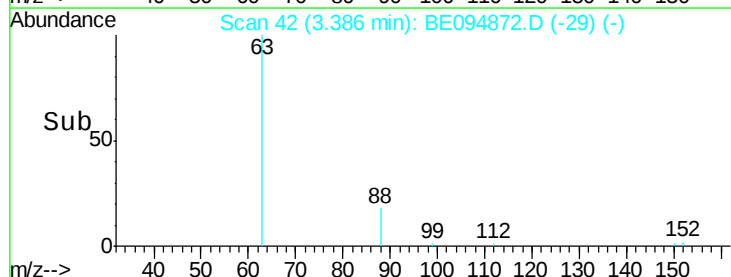
43 0.0 41.2 61.8#

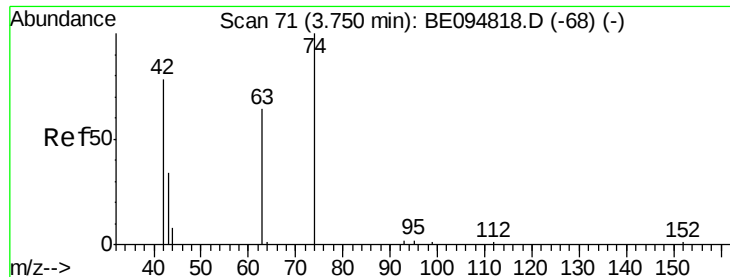


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.034 ng

RT: 3.76 min Scan# 72

Delta R.T. 0.01 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

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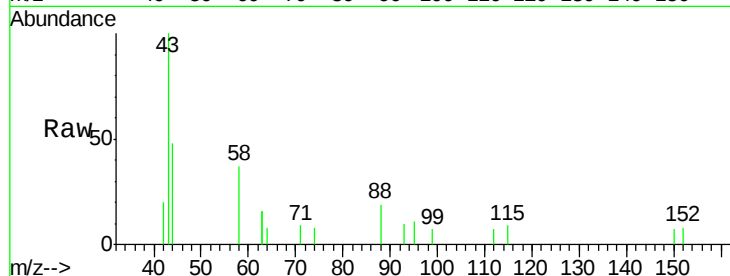
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

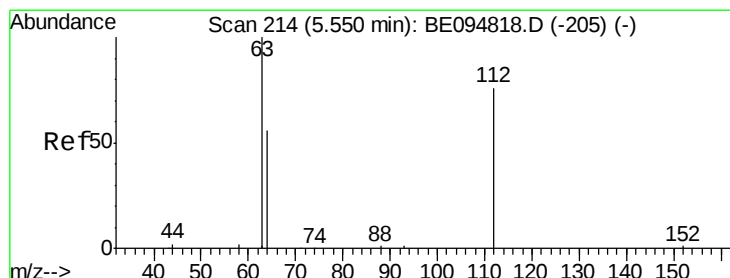
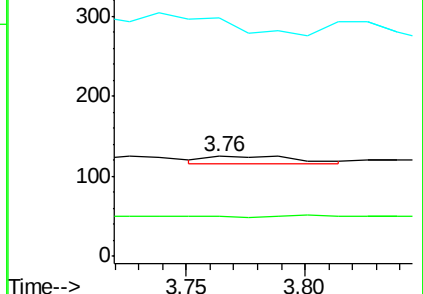
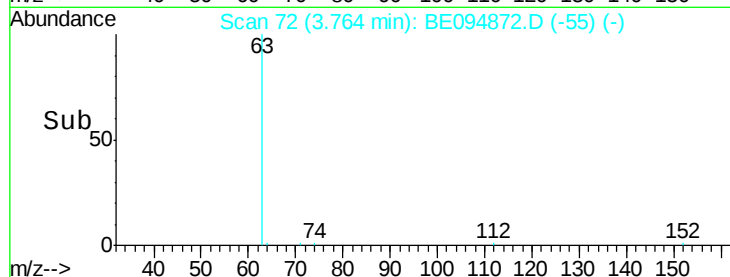
44 0.0 17.0 25.4#



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: 0.157 ng

RT: 5.61 min Scan# 219

Delta R.T. 0.09 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

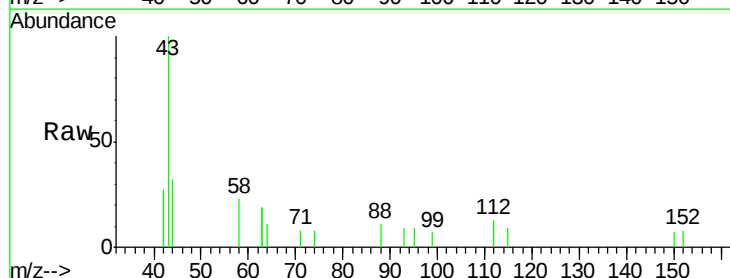
Tgt Ion: 112 Resp: 270

Ion Ratio Lower Upper

112 100

64 0.0 60.1 90.1#

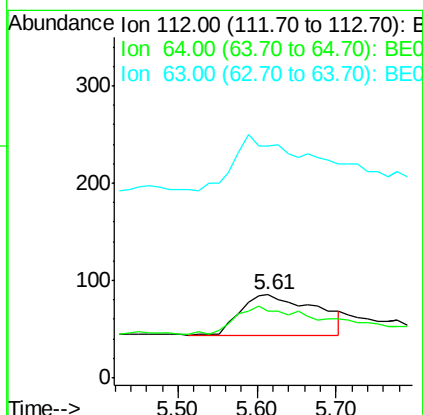
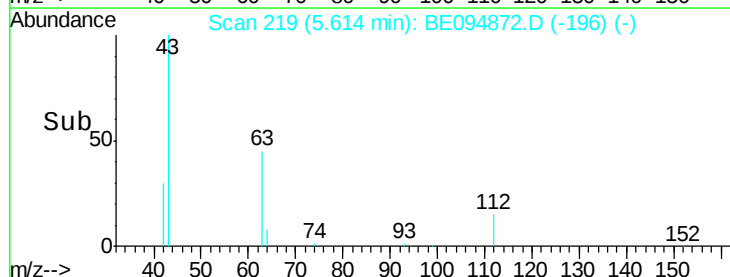
63 0.0 116.8 175.2#

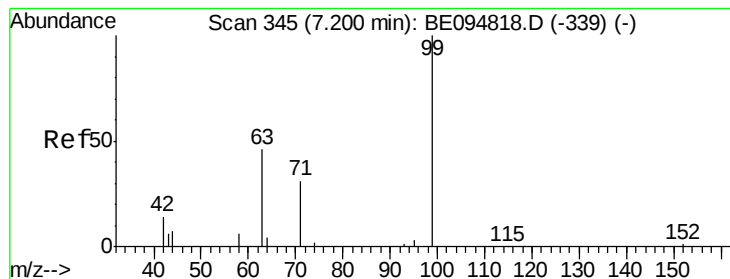


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.131 ng

RT: 7.26 min Scan# 350

Delta R.T. 0.13 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

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KY038PS034-171114

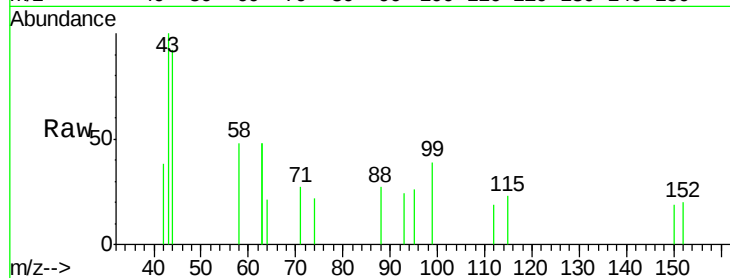
Tgt Ion: 99 Resp: 340

Ion Ratio Lower Upper

99 100

42 5.0 20.2 30.2#

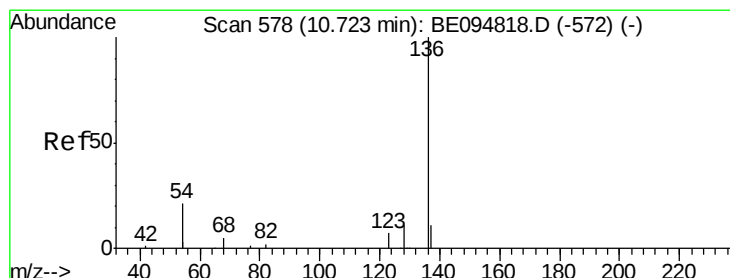
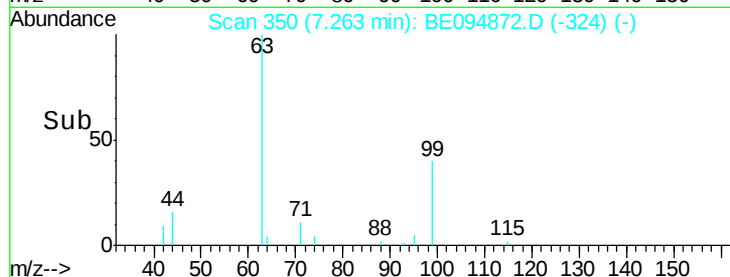
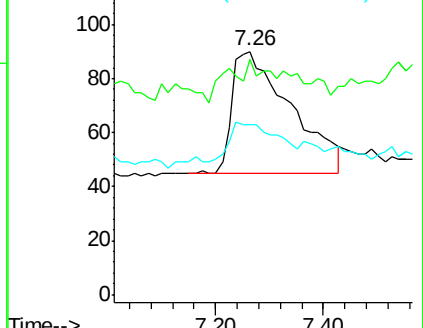
71 0.0 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.05 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Tgt Ion: 136 Resp: 3393

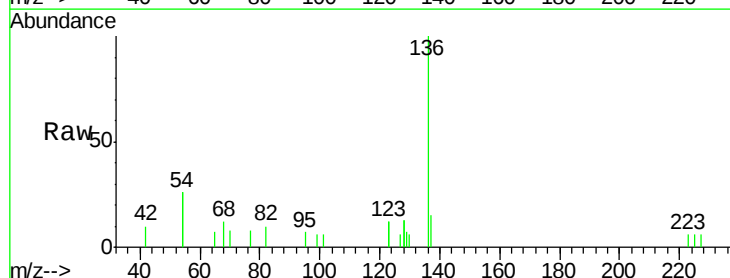
Ion Ratio Lower Upper

136 100

137 15.3 9.5 14.3#

54 52.5 29.1 43.7#

68 11.8 6.2 9.2#

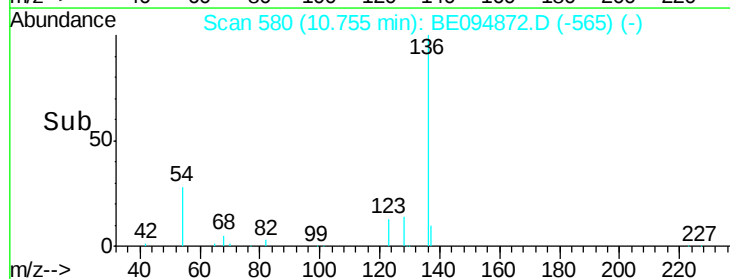
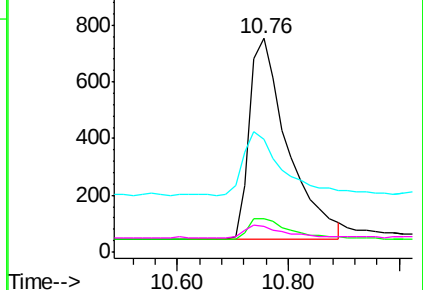


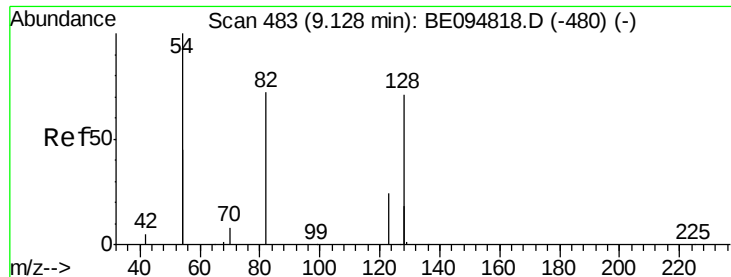
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.295 ng

RT: 9.21 min Scan# 488

Delta R.T. 0.13 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

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ClientSampleId :

KY038PS034-171114

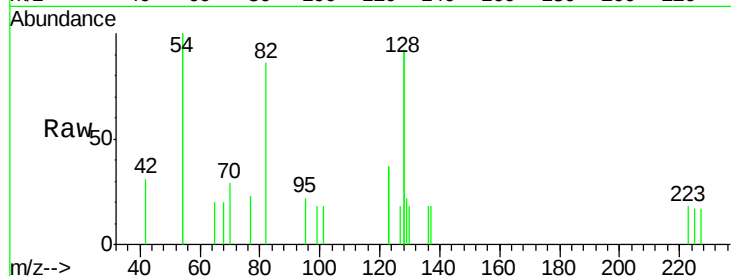
Tgt Ion: 82 Resp: 800

Ion Ratio Lower Upper

82 100

128 213.6 150.0 225.0

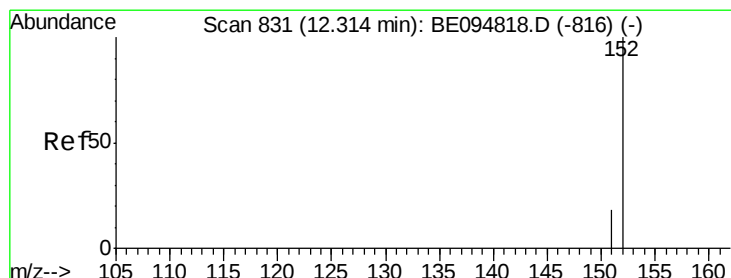
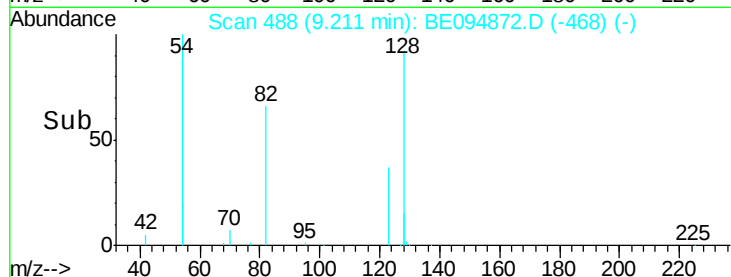
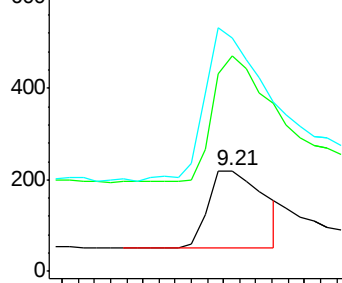
54 231.8 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.485 ng

RT: 12.33 min Scan# 835

Delta R.T. 0.04 min

Lab File: BE094872.D

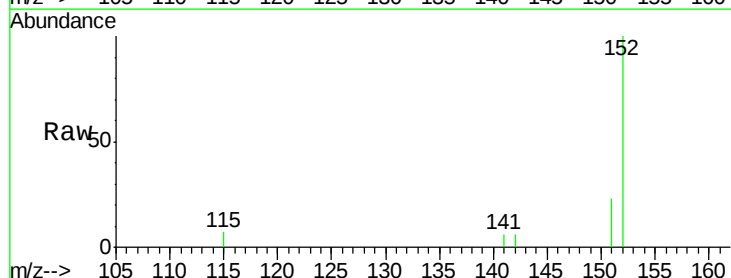
Acq: 27 Nov 2017 14:55

Tgt Ion: 152 Resp: 2642

Ion Ratio Lower Upper

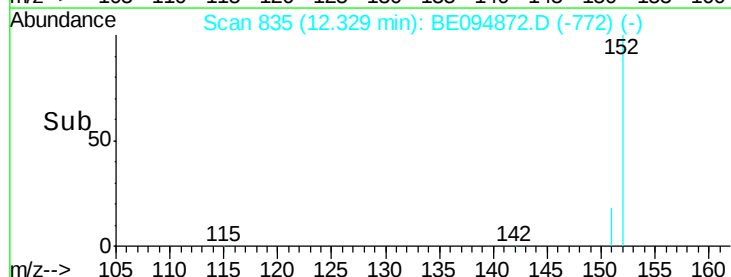
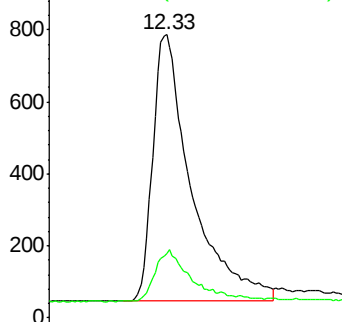
152 100

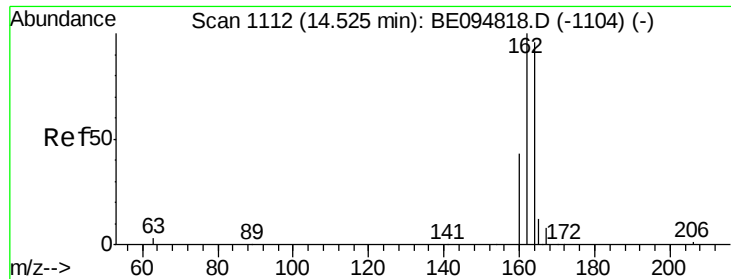
151 17.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

BNA_E

ClientSampleId :

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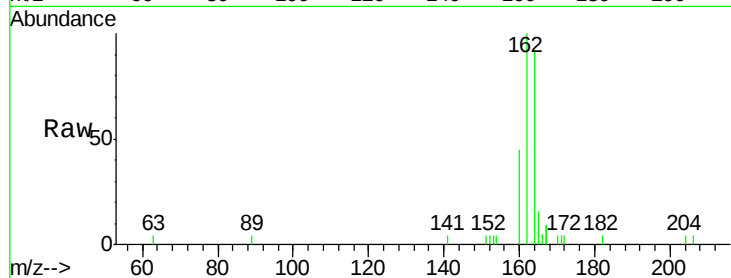
Tgt Ion:164 Resp: 2541

Ion Ratio Lower Upper

164 100

162 108.8 83.1 124.7

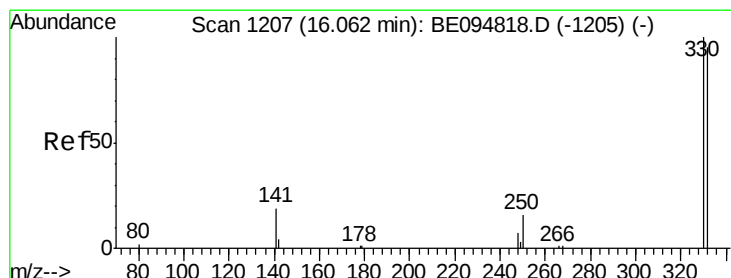
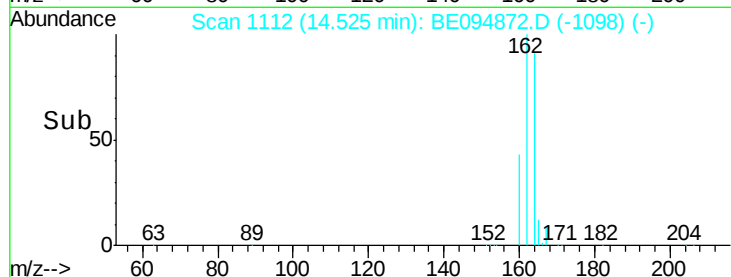
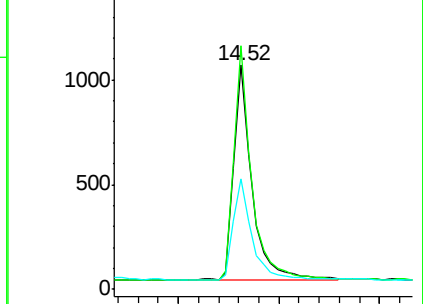
160 49.2 37.1 55.7



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: 0.508 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

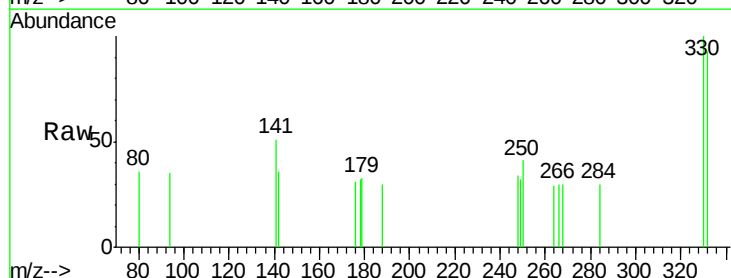
Tgt Ion:330 Resp: 356

Ion Ratio Lower Upper

330 100

332 93.3 152.7 229.1#

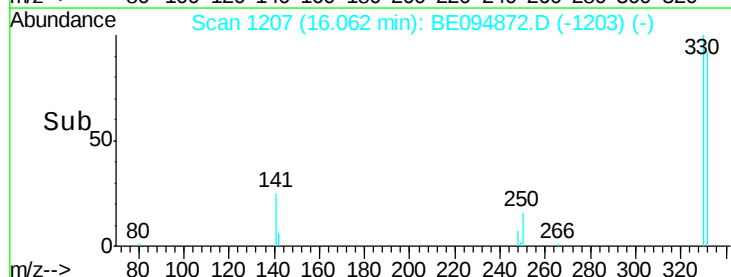
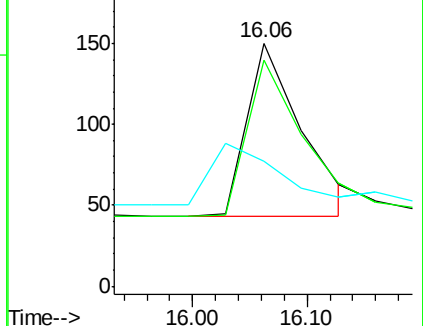
141 0.0 33.7 50.5#

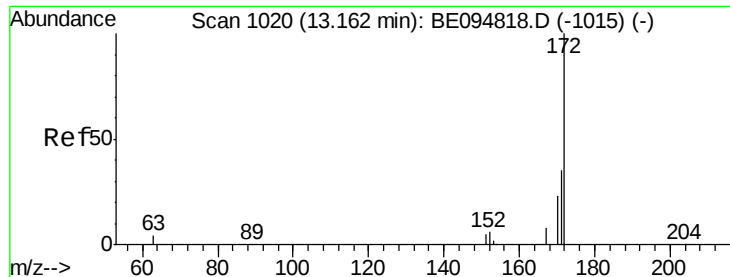


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

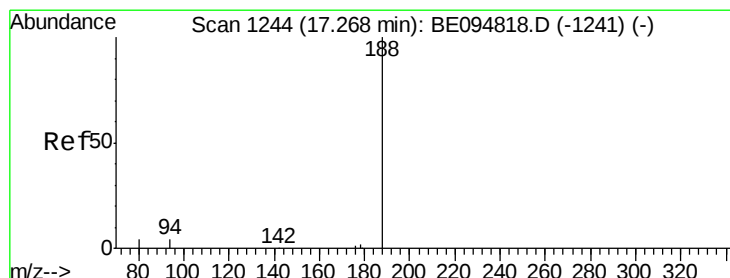
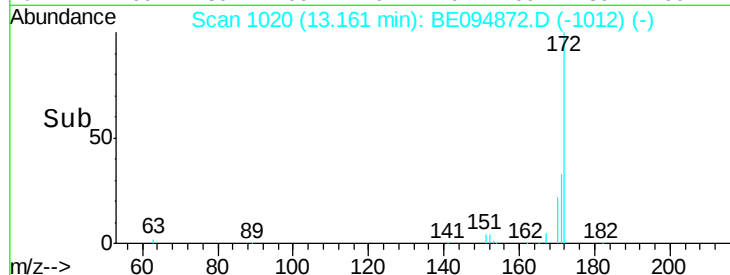
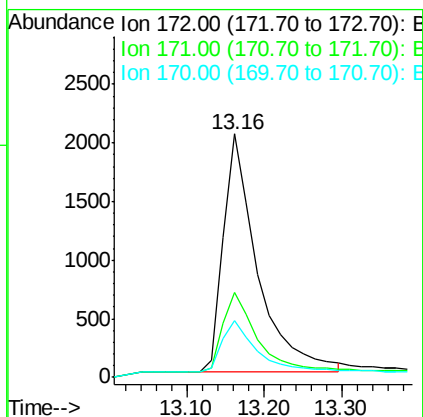
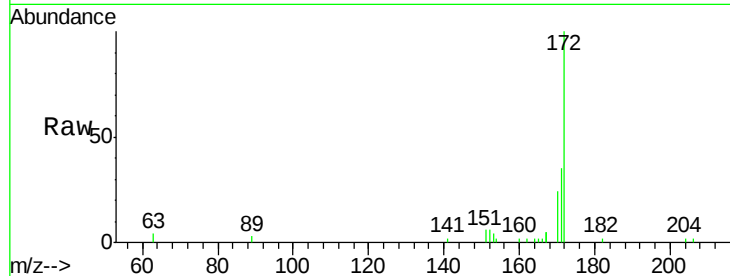




#15
2-Fluorobiphenyl
Concen: 0.696 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094872.D
Acq: 27 Nov 2017 14:55

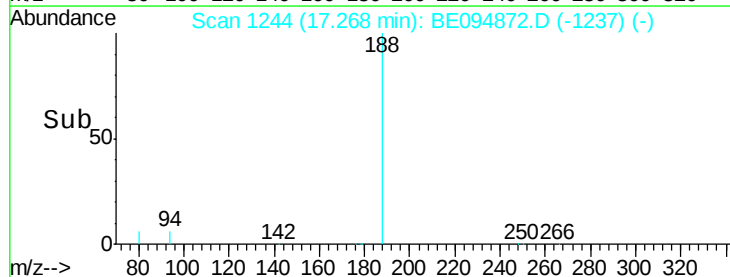
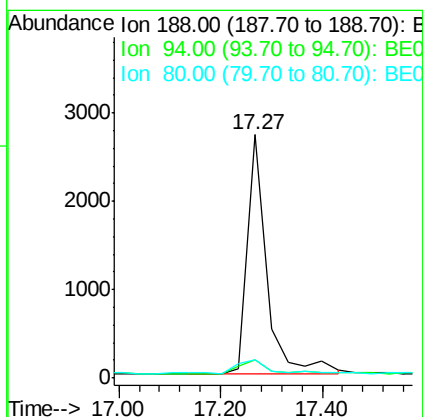
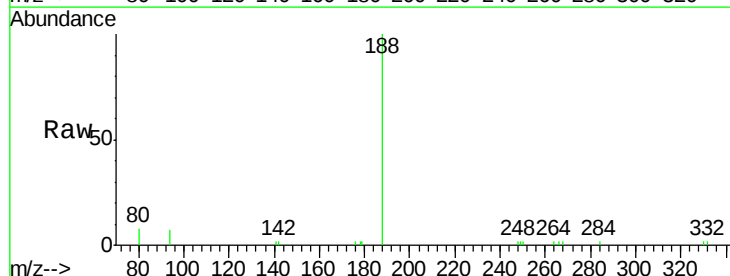
Instrument :
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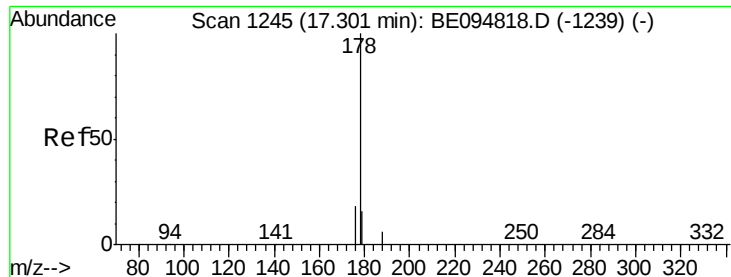
Tgt Ion:172 Resp: 6233
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094872.D
Acq: 27 Nov 2017 14:55

Tgt Ion:188 Resp: 7262
Ion Ratio Lower Upper
188 100
94 7.4 3.9 5.9#
80 7.6 3.6 5.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

BNA_E

ClientSampleId :

KY038PS034-171114

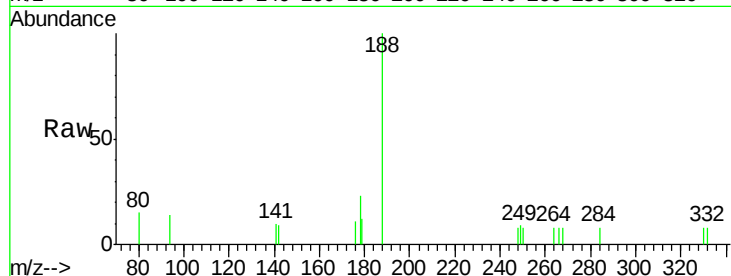
Tgt Ion:178 Resp: 266

Ion Ratio Lower Upper

178 100

176 24.8 15.1 22.7#

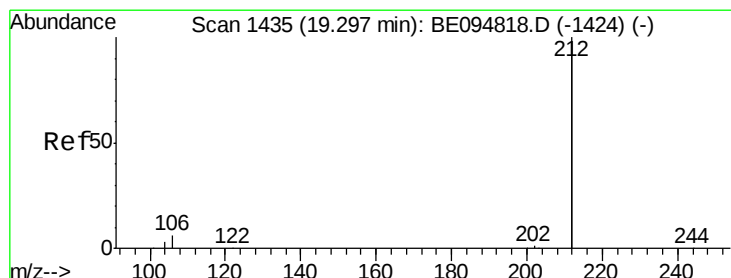
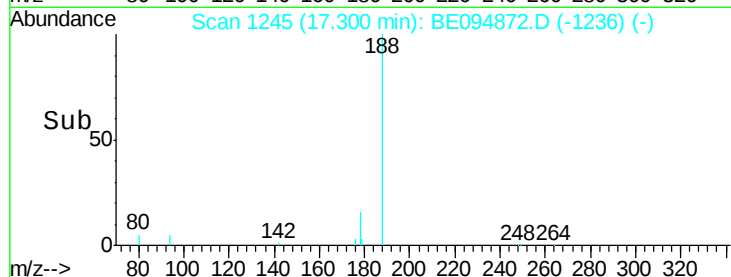
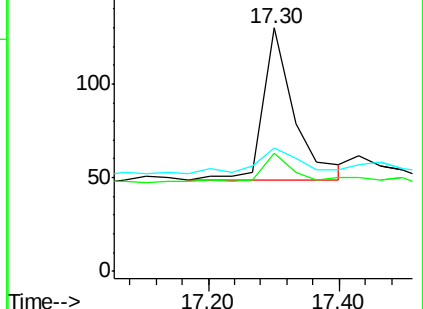
179 25.6 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

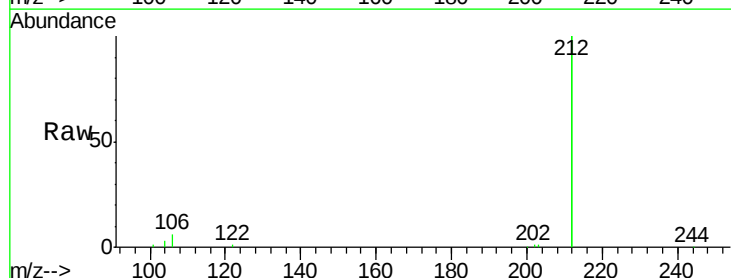
Tgt Ion:212 Resp: 38390

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

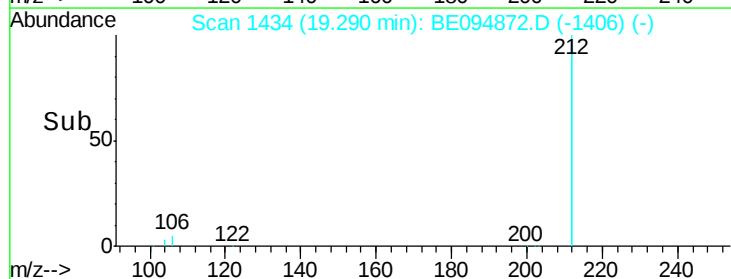
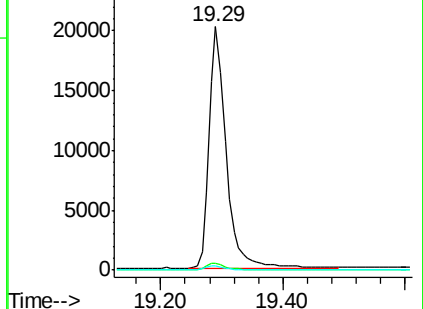
104 1.7 1.6 2.4

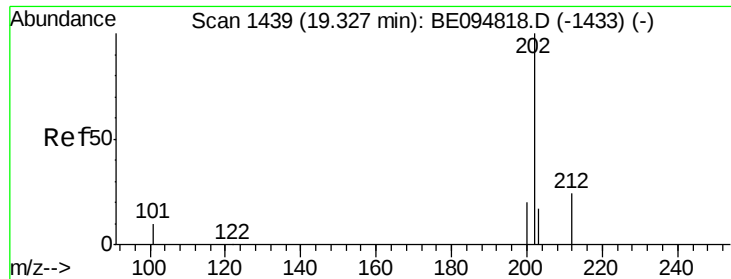


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: Below Cal

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

BNA_E

ClientSampleId :

KY038PS034-171114

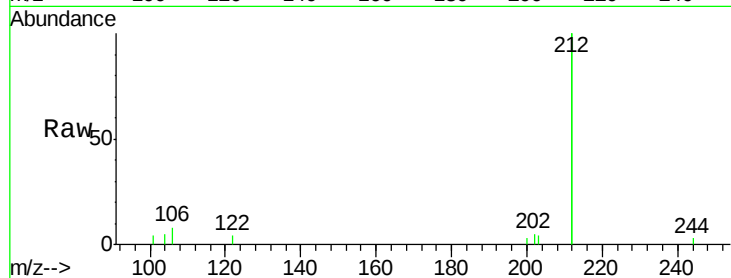
Tgt Ion:202 Resp: 63

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

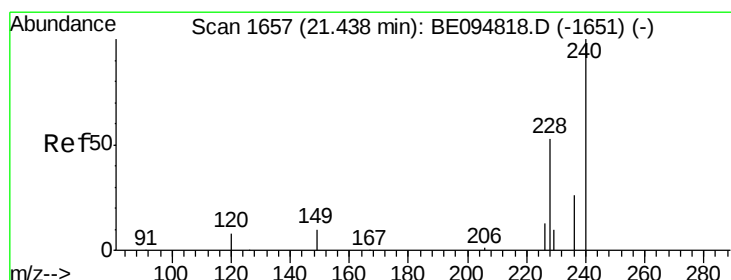
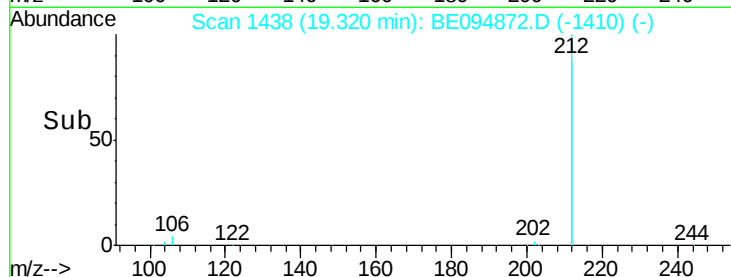
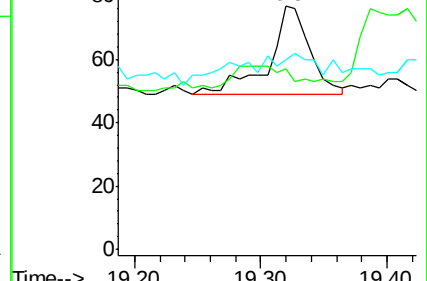
203 25.4 13.7 20.5#



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

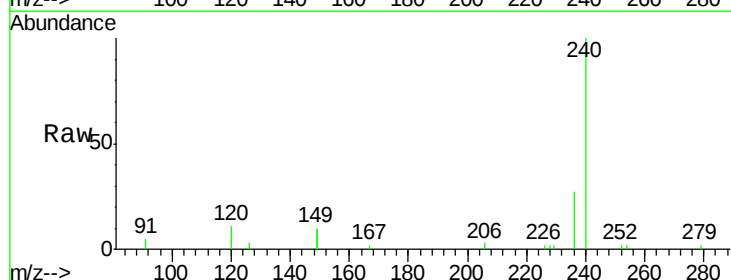
Tgt Ion:240 Resp: 6935

Ion Ratio Lower Upper

240 100

120 10.9 5.5 8.3#

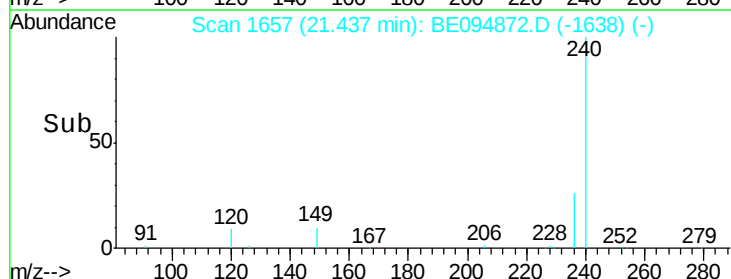
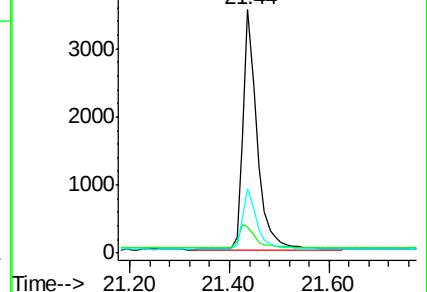
236 26.7 20.7 31.1

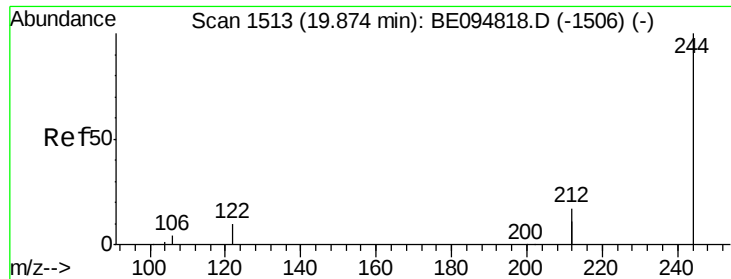


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.551 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

BNA_E

ClientSampleId :

KY038PS034-171114

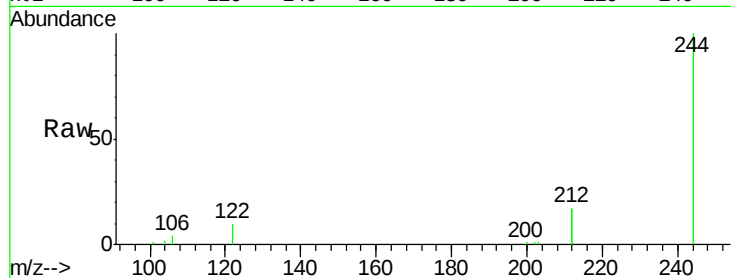
Tgt Ion:244 Resp: 7200

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

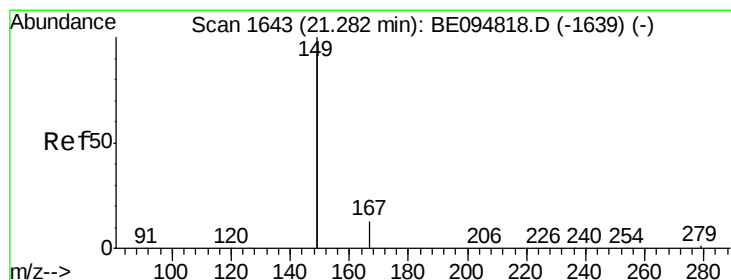
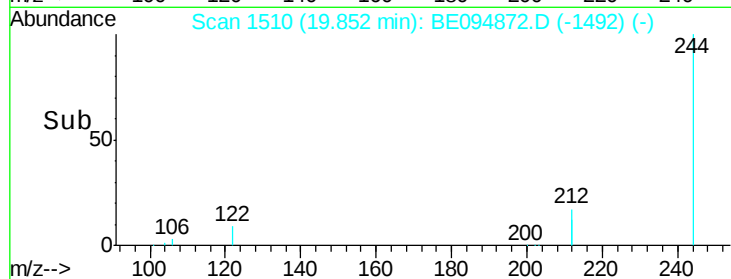
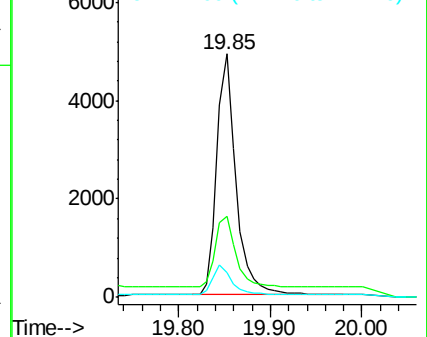
122 10.2 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.27 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

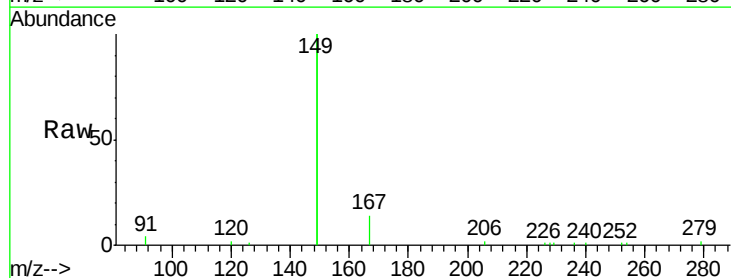
Tgt Ion:149 Resp: 9706

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

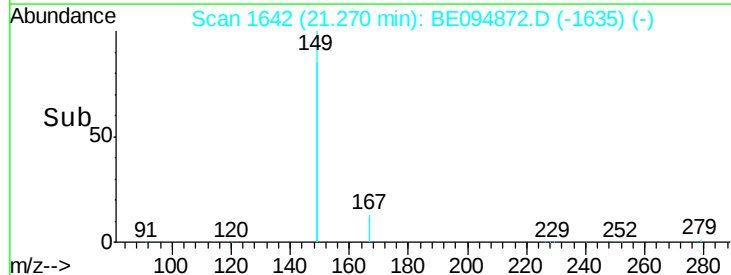
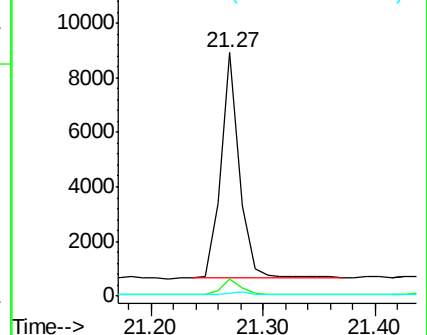
279 1.1 0.7 1.1

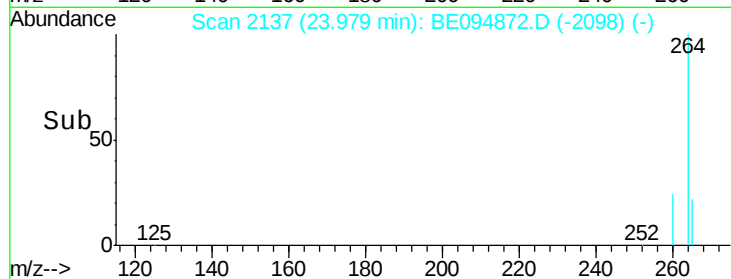
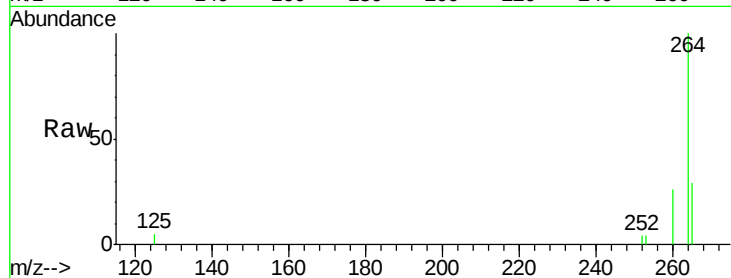
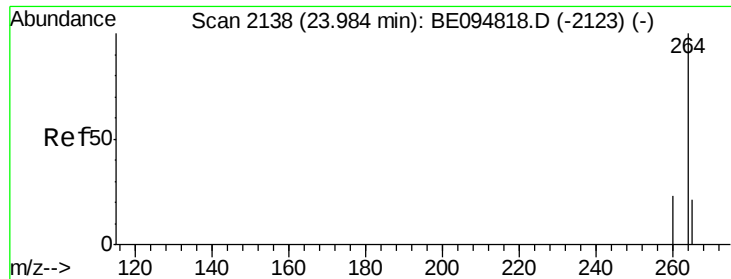


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.98 min Scan# 2137

Delta R.T. 0.03 min

Lab File: BE094872.D

Acq: 27 Nov 2017 14:55

Instrument :

BNA_E

ClientSampleId :

KY038PS034-171114

Tgt Ion:264 Resp: 6437

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 29.1 22.8 34.2

