

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094452.D
 Acq On : 19 Oct 2017 17:49
 Operator : SJ/JU
 Sample : I5819-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3906-PP4

Quant Time: Oct 20 13:34:51 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

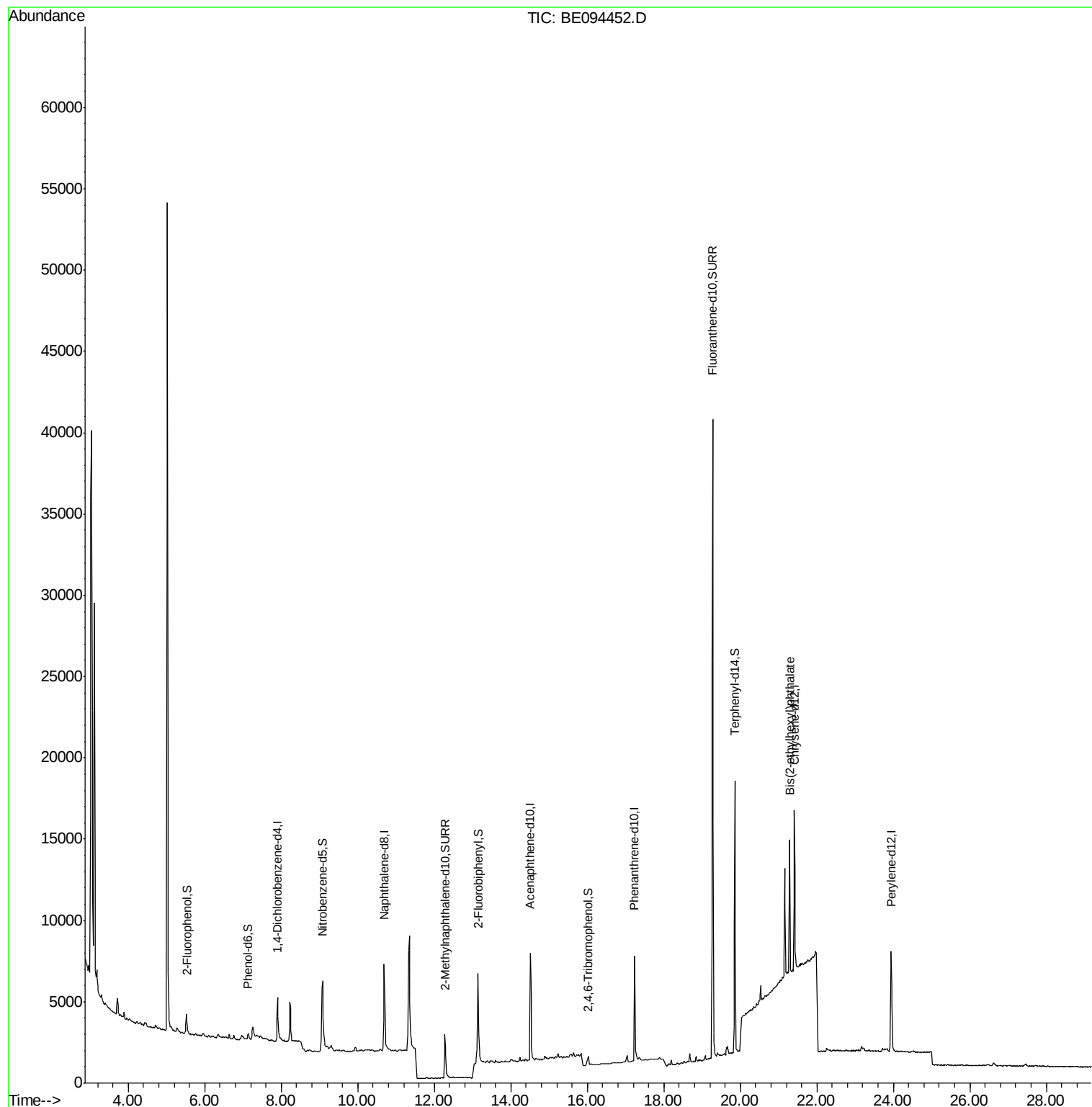
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1459	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	7288	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4396	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	11480	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	10244	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9623	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	877	0.18	ng	0.01
5) Phenol-d6	7.13	99	729	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	2842	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4958	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	575	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7447	0.47	ng	0.00
25) Fluoranthene-d10	19.27	212	53564	0.29	ng	-0.01
29) Terphenyl-d14	19.85	244	15130	0.73	ng	-0.01
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	10050	0.098	ng	99

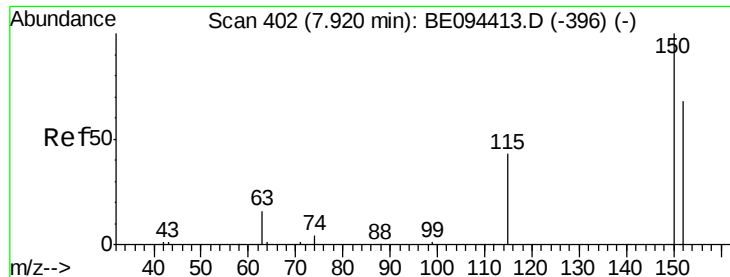
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. -0.01 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3906-PP4

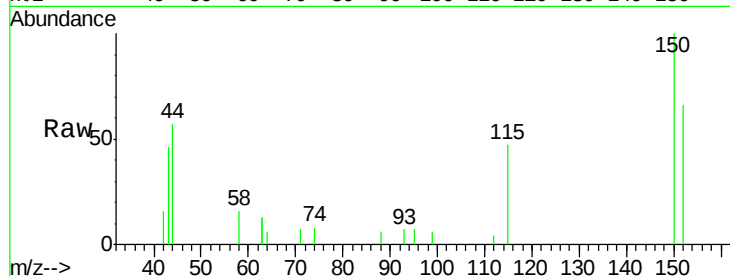
Tgt Ion:152 Resp: 1459

Ion Ratio Lower Upper

152 100

150 151.2 117.2 175.8

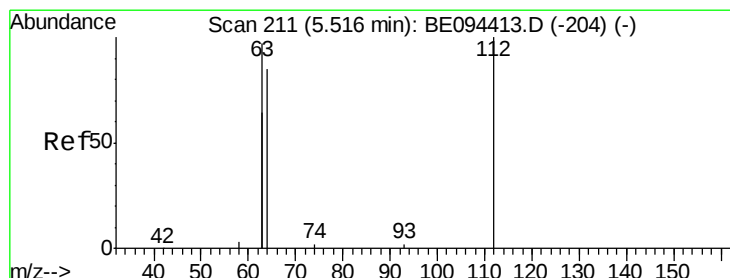
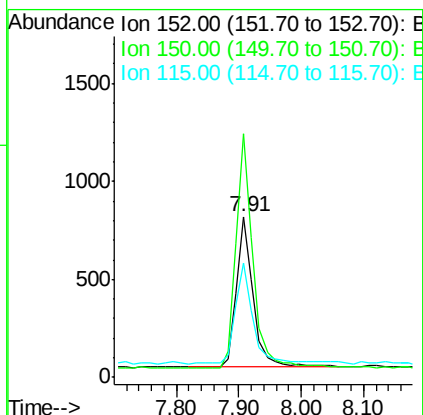
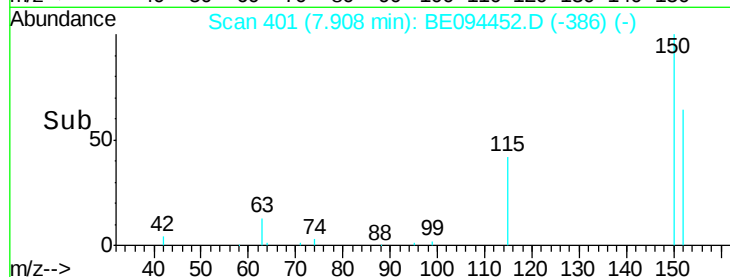
115 70.7 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

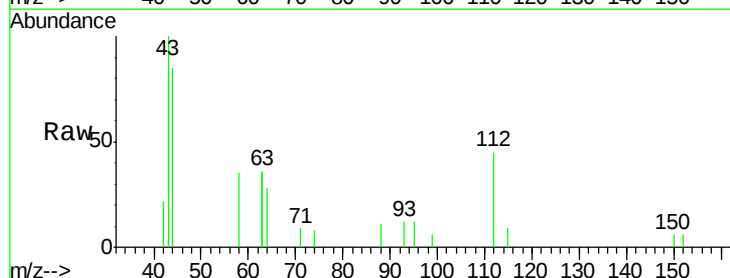
Tgt Ion:112 Resp: 877

Ion Ratio Lower Upper

112 100

64 76.2 60.1 90.1

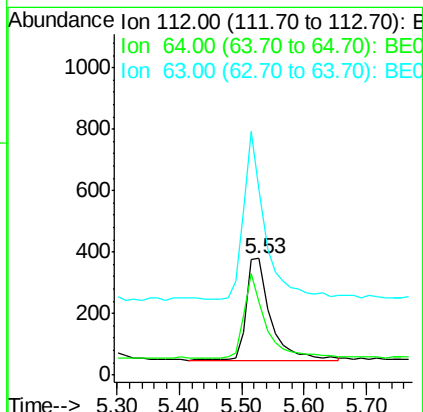
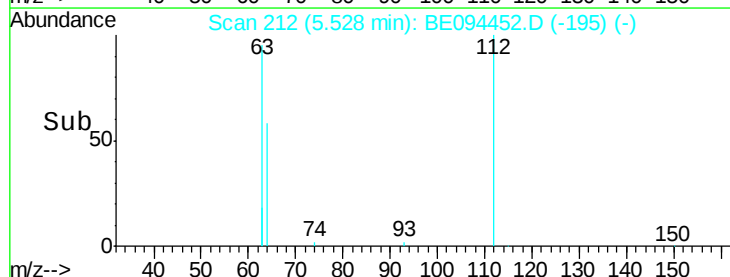
63 145.3 116.8 175.2

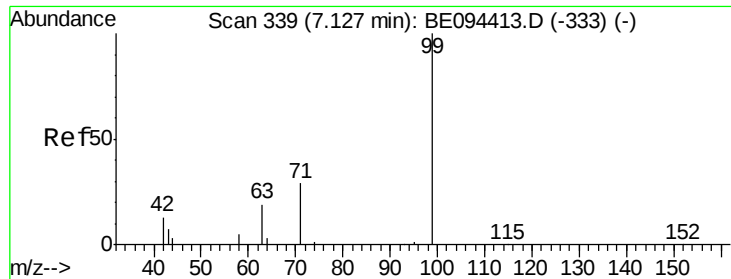


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.00 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3906-PP4

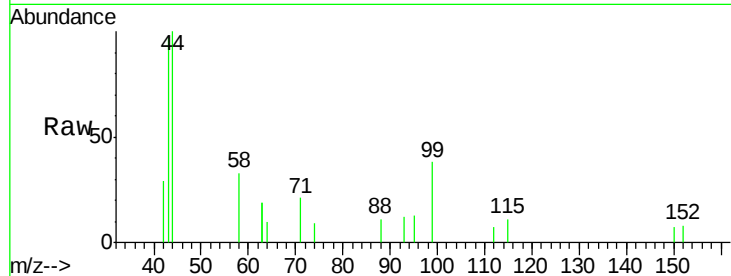
Tgt Ion: 99 Resp: 729

Ion Ratio Lower Upper

99 100

42 17.7 20.2 30.2#

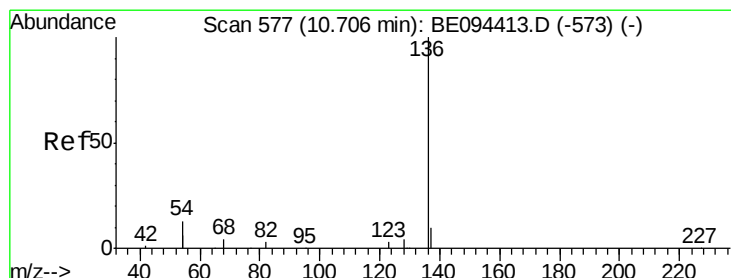
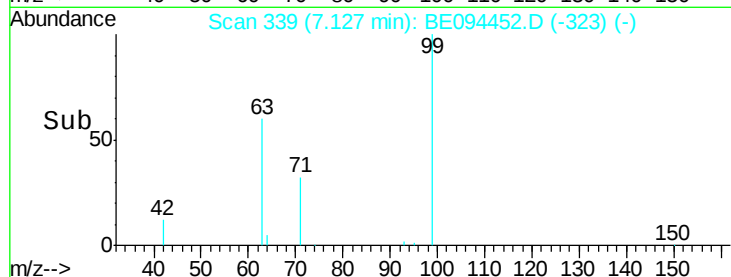
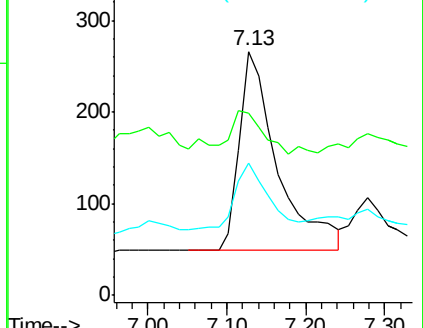
71 29.6 28.4 42.6



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: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Tgt Ion: 136 Resp: 7288

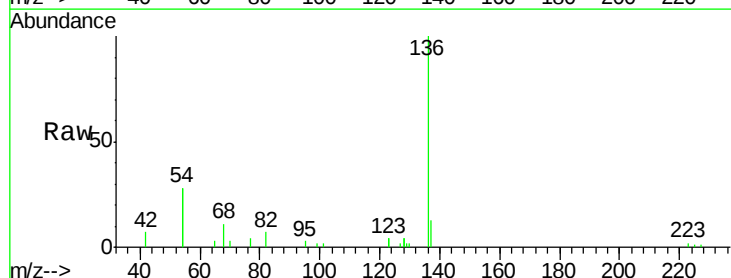
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 55.7 29.1 43.7#

68 11.1 6.2 9.2#

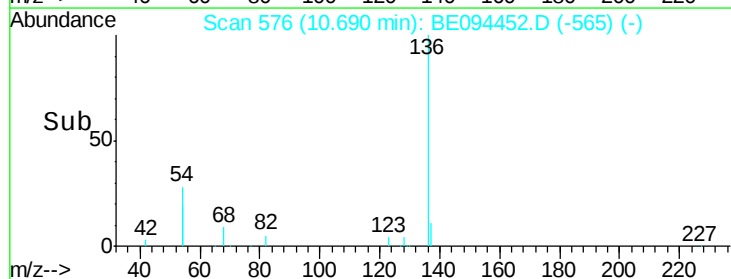
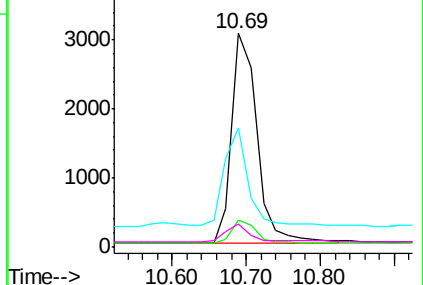


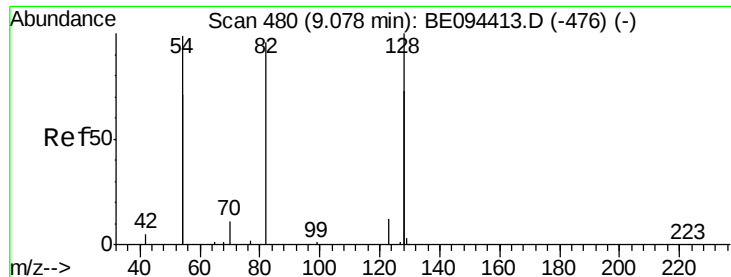
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.449 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3906-PP4

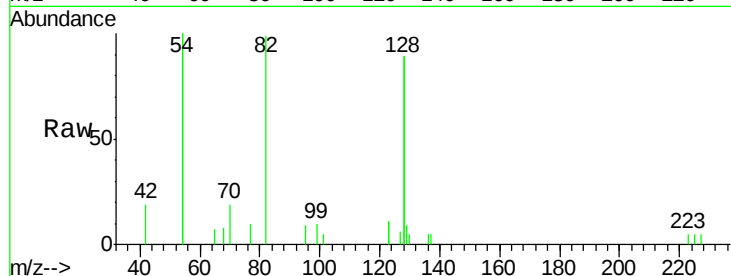
Tgt Ion: 82 Resp: 2842

Ion Ratio Lower Upper

82 100

128 180.7 150.0 225.0

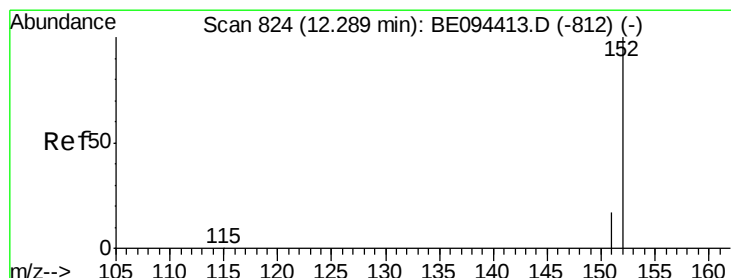
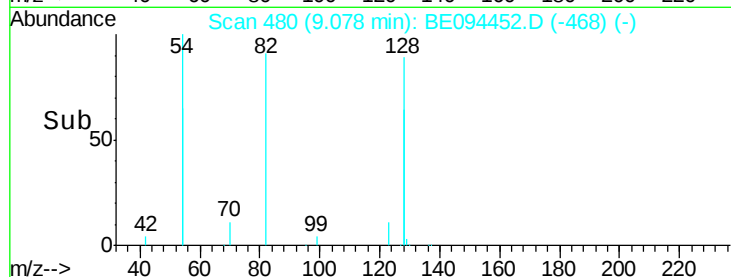
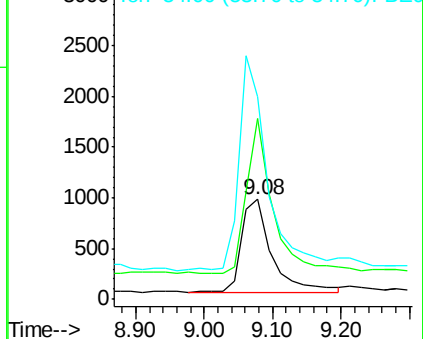
54 202.2 154.2 231.4



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: 0.441 ng

RT: 12.28 min Scan# 822

Delta R.T. -0.01 min

Lab File: BE094452.D

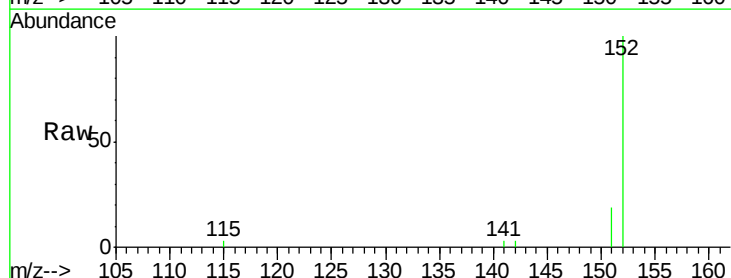
Acq: 19 Oct 2017 17:49

Tgt Ion: 152 Resp: 4958

Ion Ratio Lower Upper

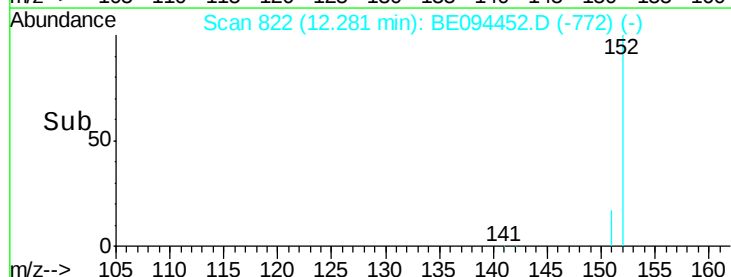
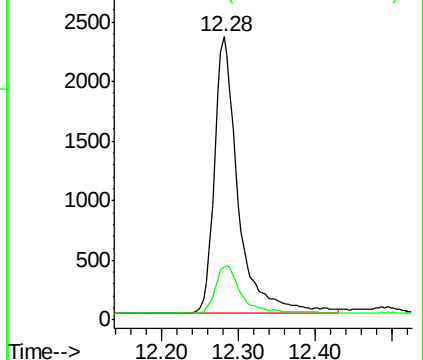
152 100

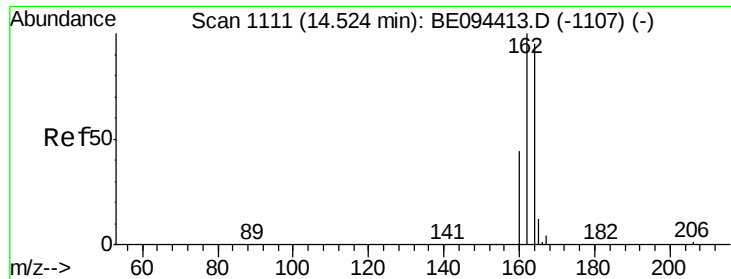
151 18.5 15.4 23.0



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: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3906-PP4

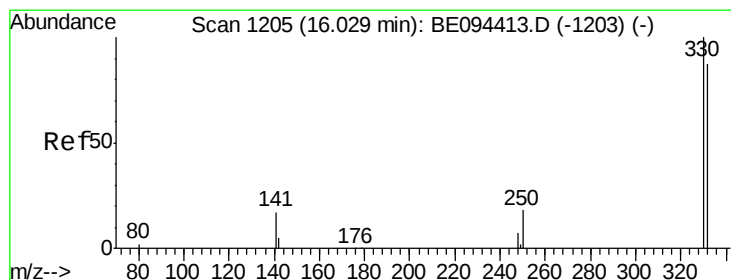
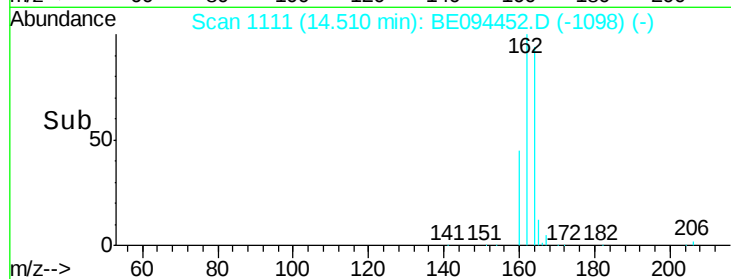
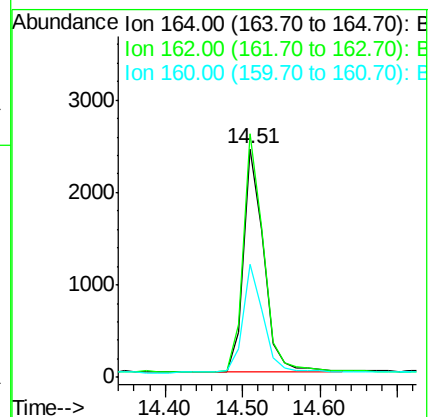
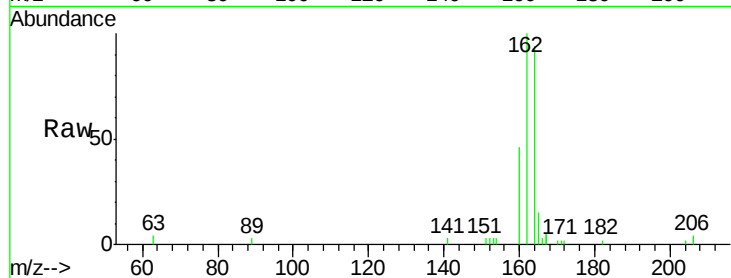
Tgt Ion:164 Resp: 4396

Ion Ratio Lower Upper

164 100

162 106.4 83.1 124.7

160 49.2 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

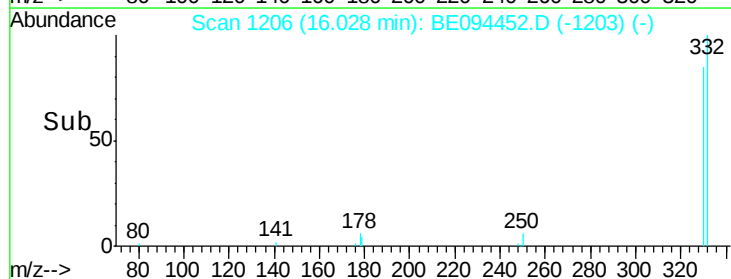
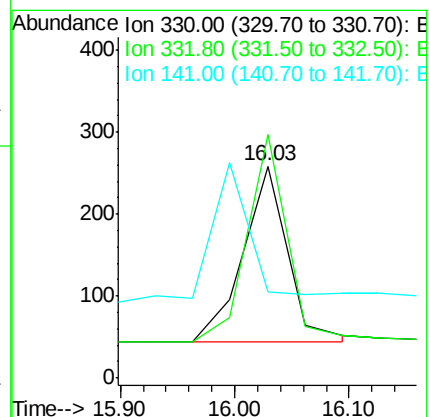
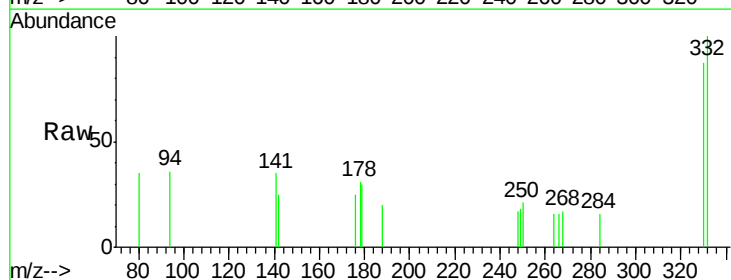
Tgt Ion:330 Resp: 575

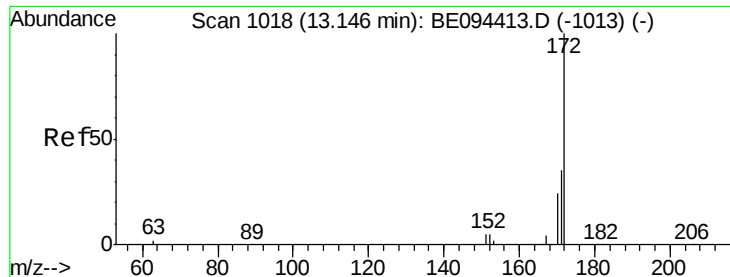
Ion Ratio Lower Upper

330 100

332 105.4 152.7 229.1#

141 0.0 33.7 50.5#

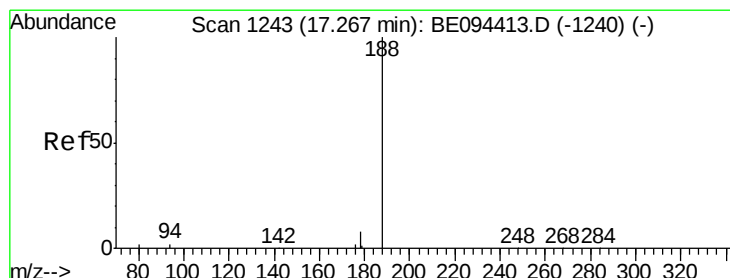
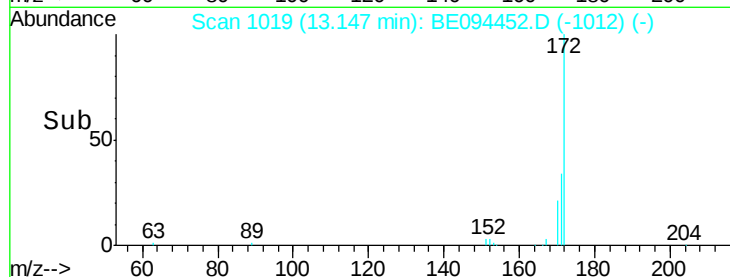
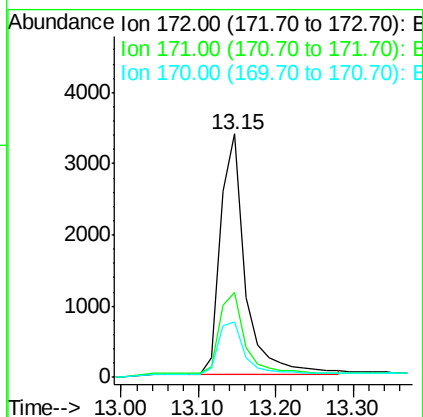
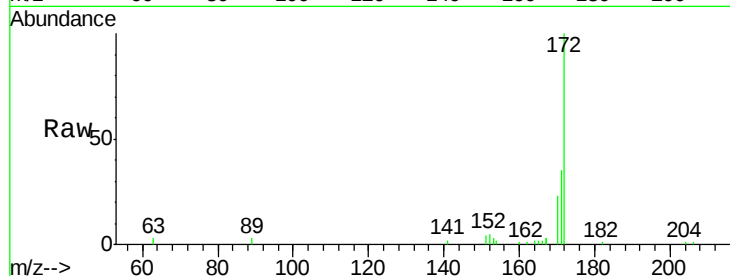




#15
 2-Fluorobiphenyl
 Concen: 0.475 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094452.D
 Acq: 19 Oct 2017 17:49

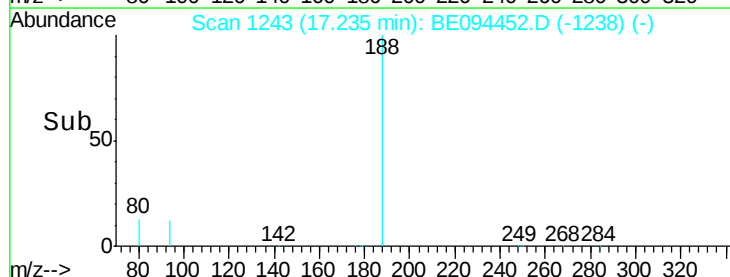
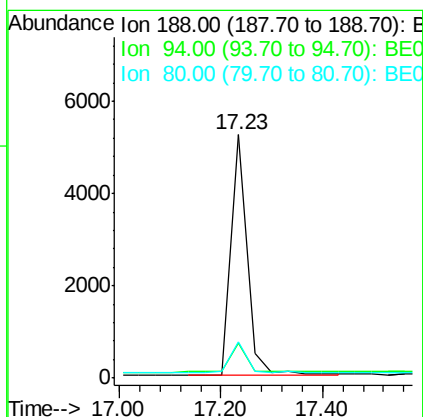
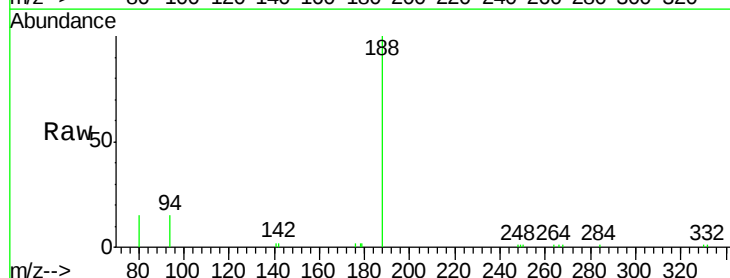
Instrument :
 BNA_E
 ClientSampleId :
 3906-PP4

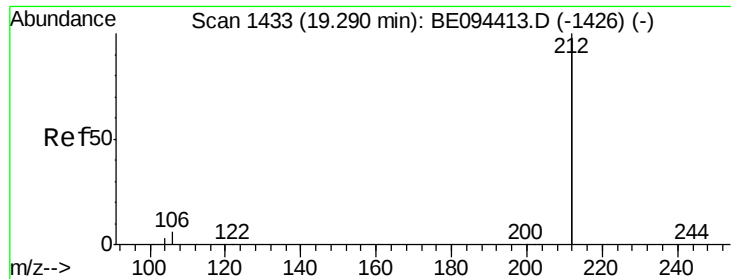
Tgt Ion:172 Resp: 7447
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.9 44.9
 170 22.6 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BE094452.D
 Acq: 19 Oct 2017 17:49

Tgt Ion:188 Resp: 11480
 Ion Ratio Lower Upper
 188 100
 94 14.6 3.9 5.9#
 80 14.9 3.6 5.4#

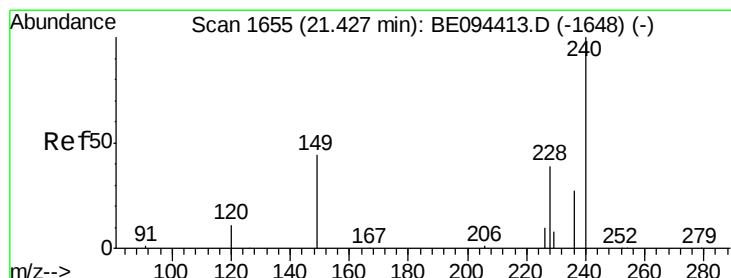
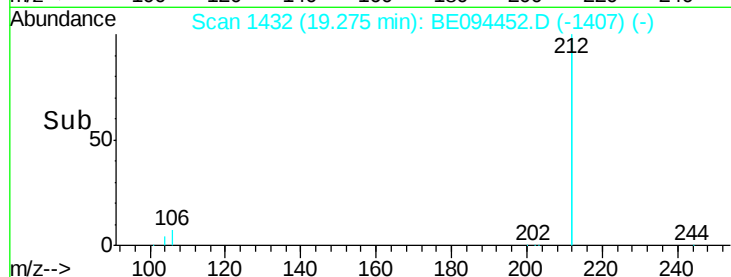
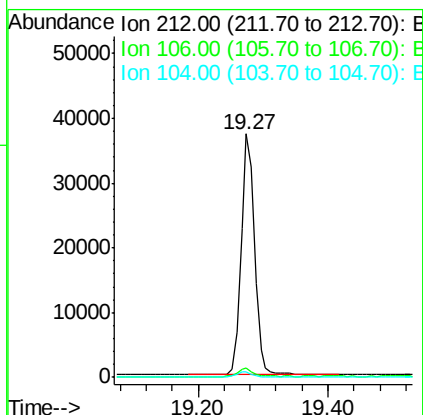
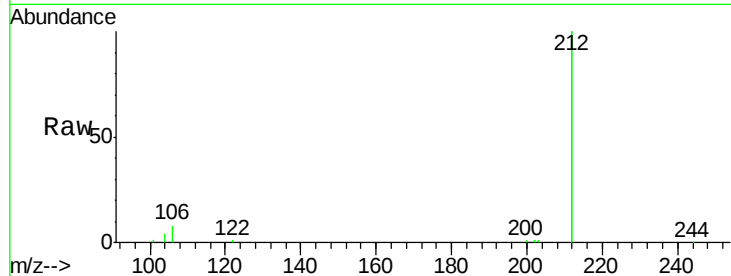




#25
 Fluoranthene-d10
 Concen: 0.290 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE094452.D
 Acq: 19 Oct 2017 17:49

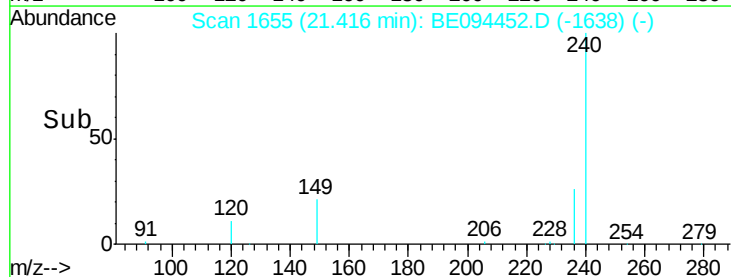
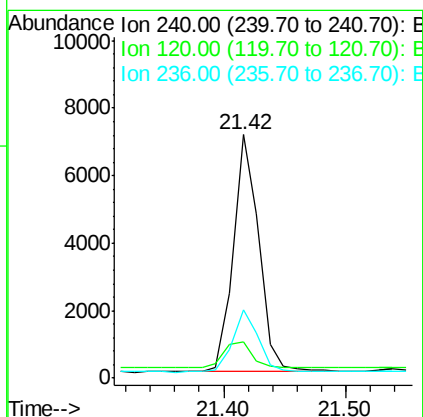
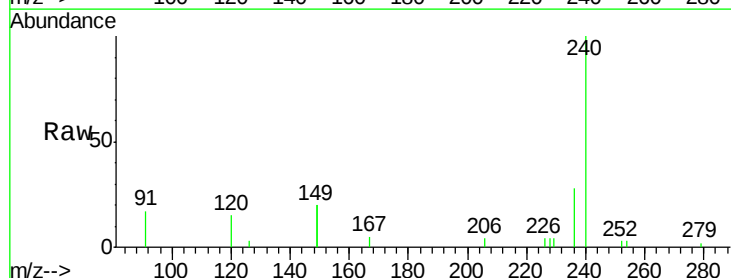
Instrument :
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 3906-PP4

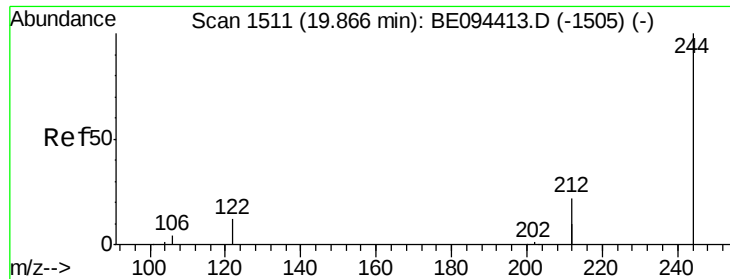
Tgt Ion:212 Resp: 53564
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094452.D
 Acq: 19 Oct 2017 17:49

Tgt Ion:240 Resp: 10244
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.5 8.3#
 236 28.3 20.7 31.1





#29

Terphenyl-d14

Concen: 0.732 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3906-PP4

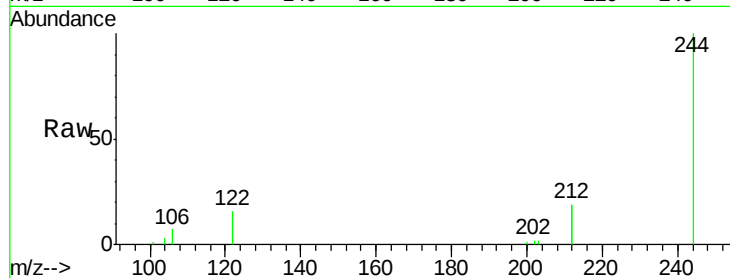
Tgt Ion:244 Resp: 15130

Ion Ratio Lower Upper

244 100

212 38.1 25.4 38.0#

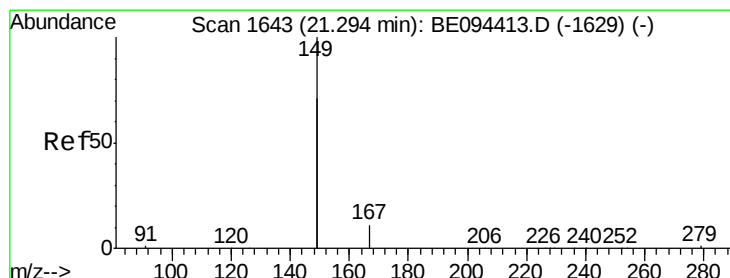
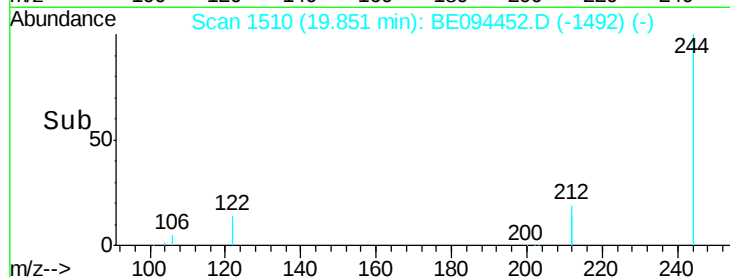
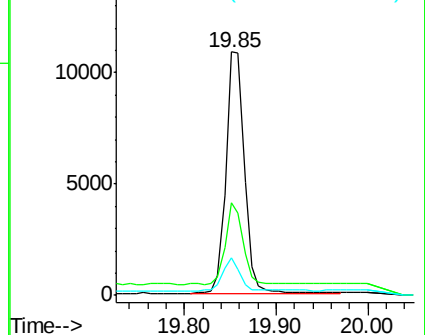
122 15.5 8.1 12.1#



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: 0.098 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

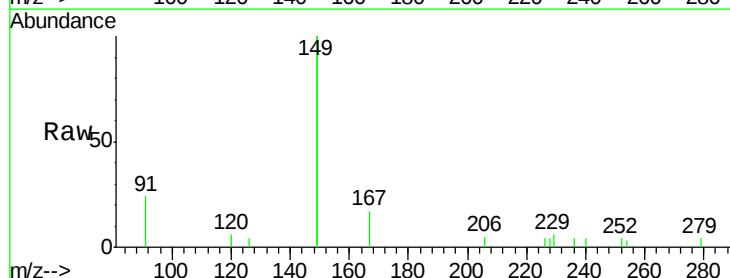
Tgt Ion:149 Resp: 10050

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

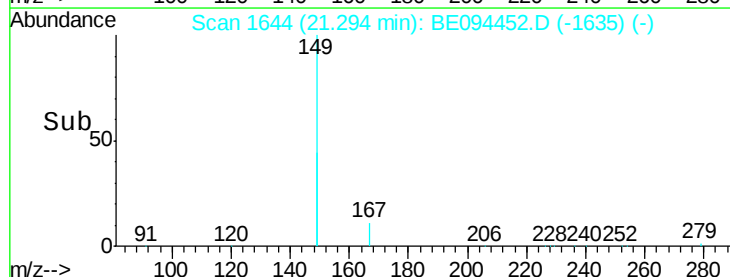
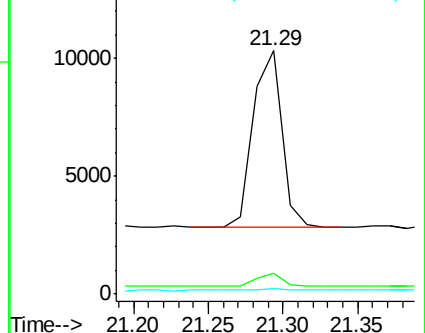
279 1.0 0.7 1.1

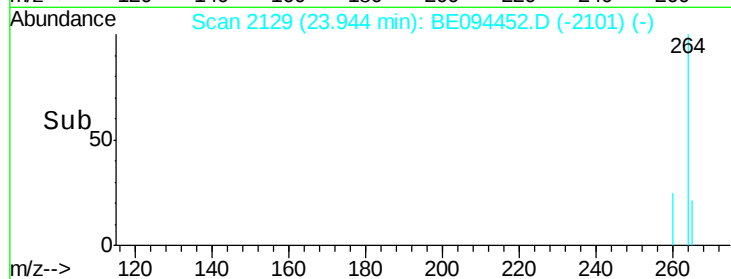
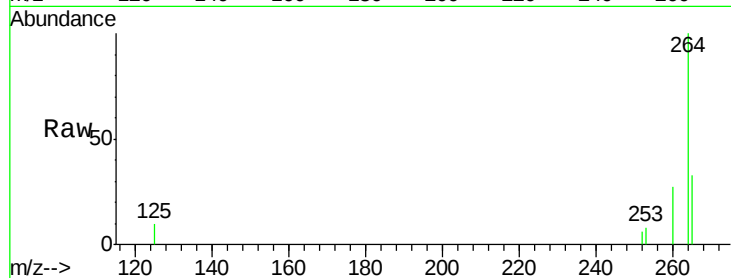
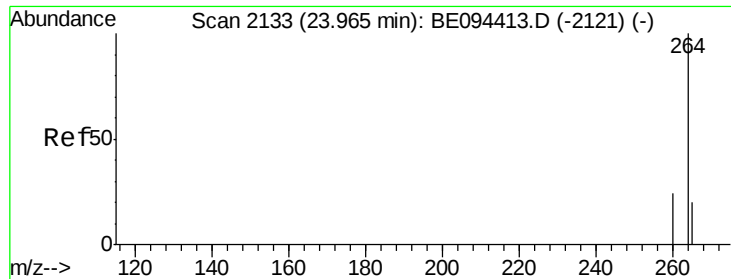


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BE094452.D

Acq: 19 Oct 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3906-PP4

Tgt Ion: 264 Resp: 9623

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

265 33.2 22.8 34.2

