

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092817\
 Data File : BE094139.D
 Acq On : 28 Sep 2017 20:41
 Operator : SJ/JU
 Sample : I5486-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 29 01:50:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

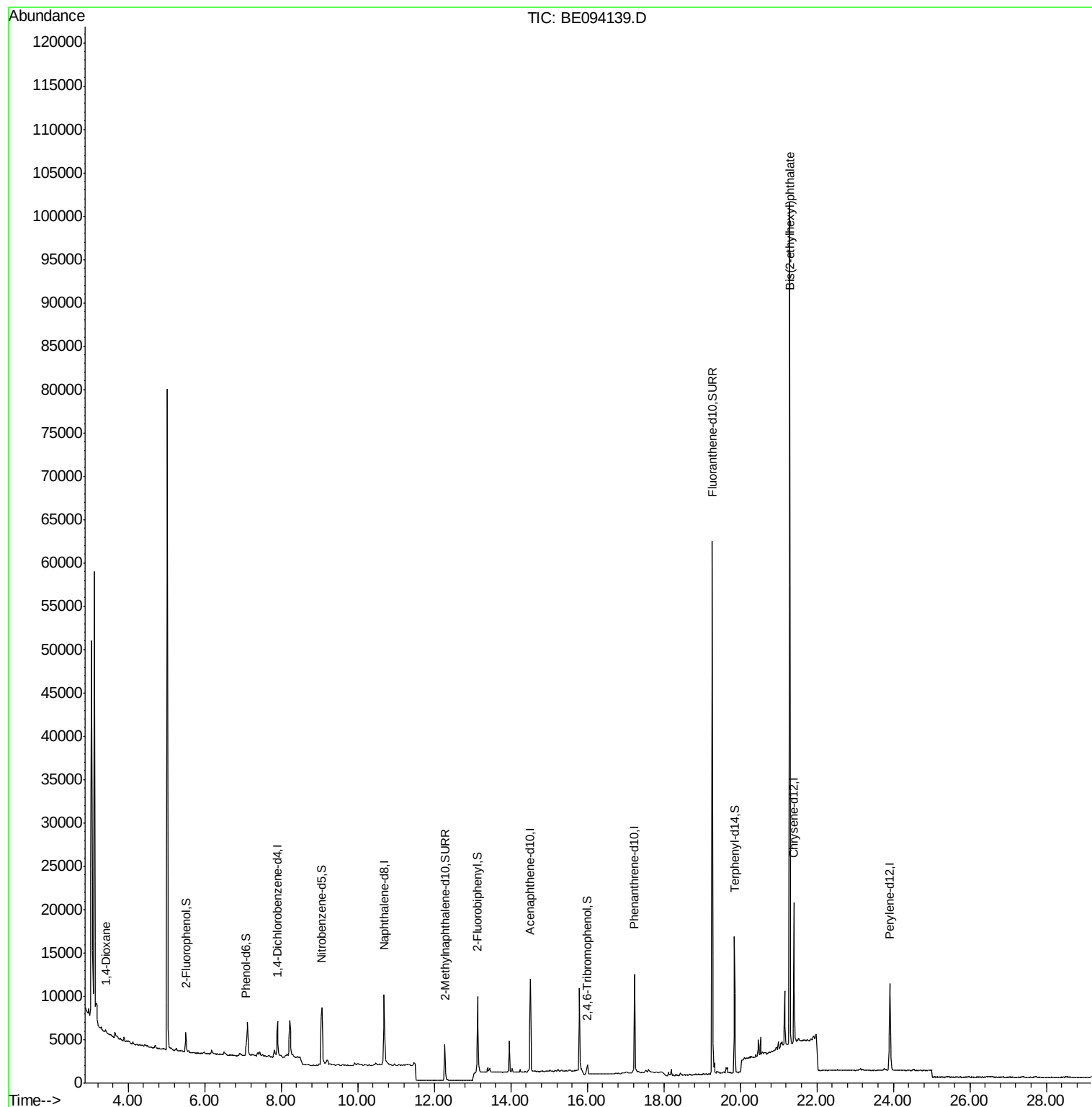
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1996	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	9925	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	6101	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	21427	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16768	0.40	ng	0.00
34) Perylene-d12	23.91	264	15842	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1248	0.16	ng	0.00
5) Phenol-d6	7.09	99	1100	0.10	ng	0.00
8) Nitrobenzene-d5	9.06	82	3428	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	6222	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1035	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	8766	0.43	ng	0.00
25) Fluoranthene-d10	19.27	212	79501	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	13212	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	251	0.065	ng	Qvalue # 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	108339	0.556	ng	100

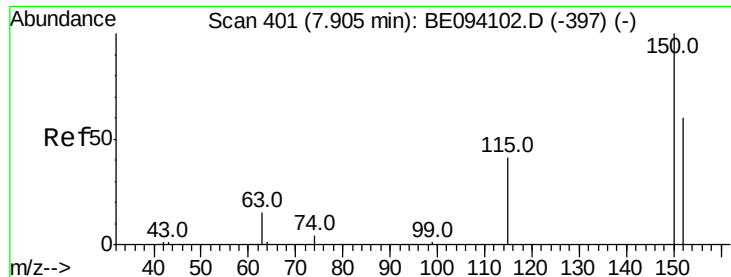
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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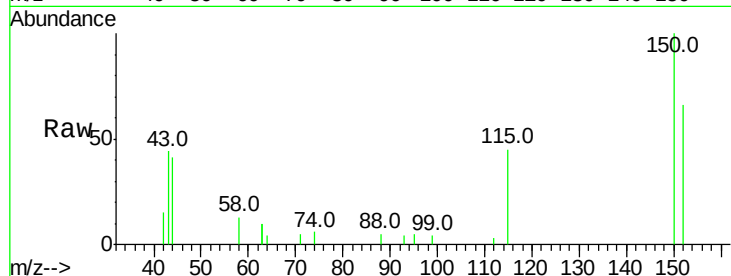


#1

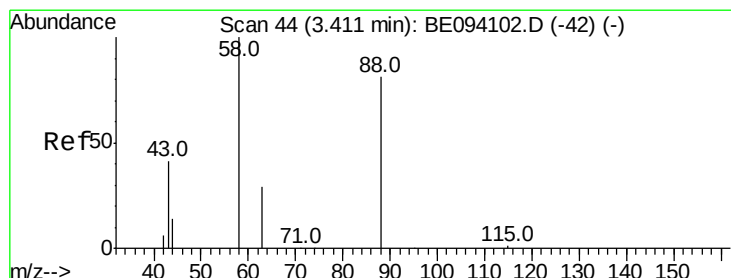
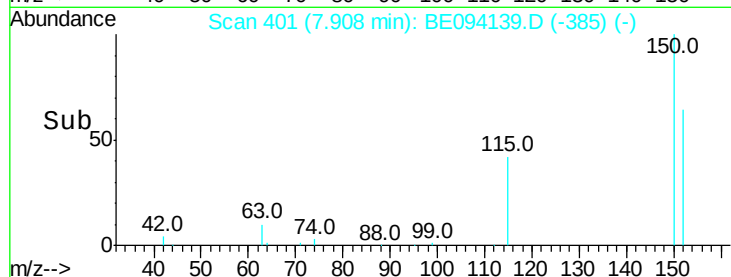
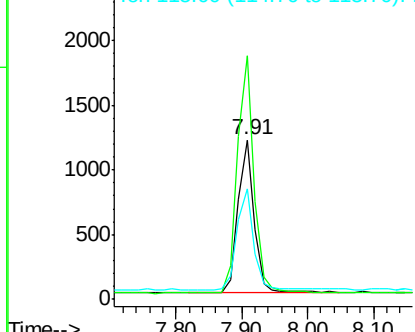
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094139.D
Acq: 28 Sep 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1996
Ion Ratio Lower Upper
152 100
150 152.6 117.2 175.8
115 69.1 57.0 85.6



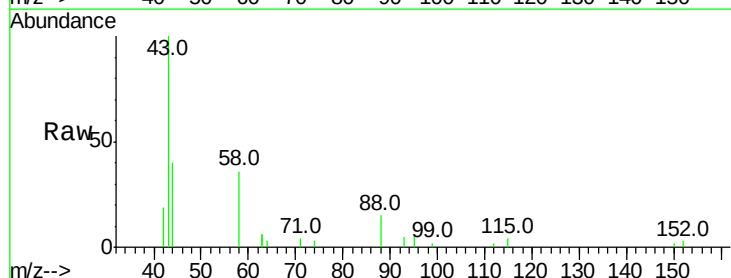
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



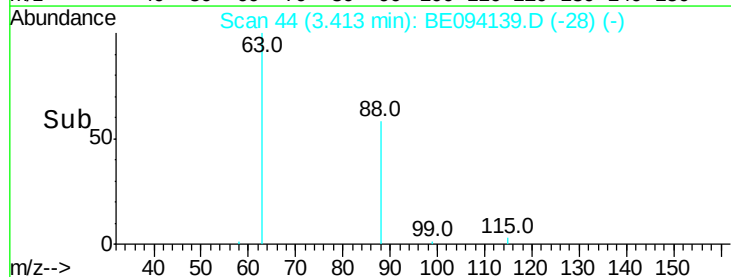
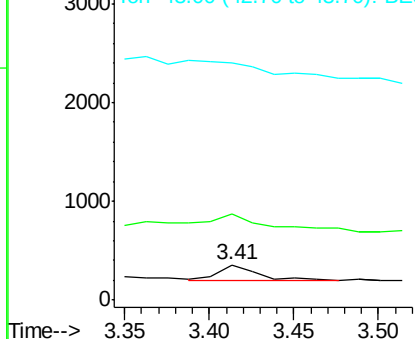
#2

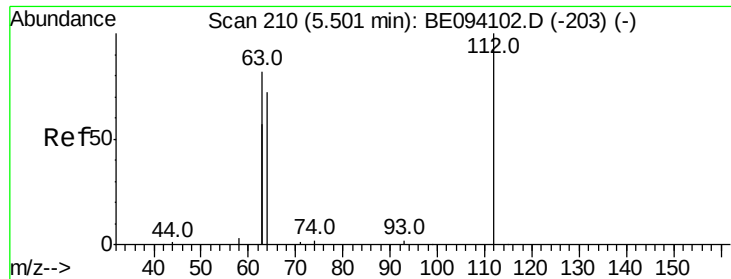
1,4-Dioxane
Concen: 0.065 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094139.D
Acq: 28 Sep 2017 20:41

Tgt Ion: 88 Resp: 251
Ion Ratio Lower Upper
88 100
58 190.8 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





#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

Instrument :

BNA_E

ClientSampleId :

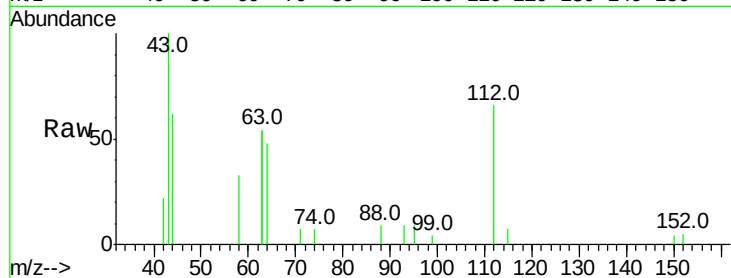
Tot Ion: 112 Resp: 1248

Ion Ratio Lower Upper

112 100

64 73.5 60.1 90.1

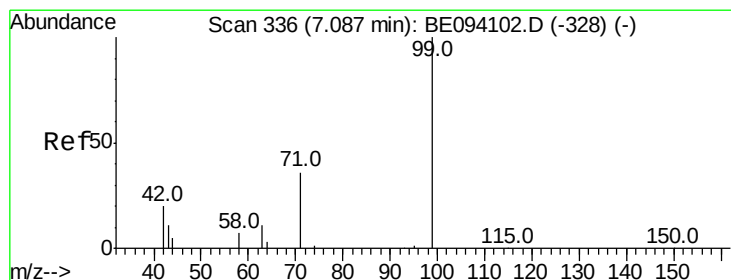
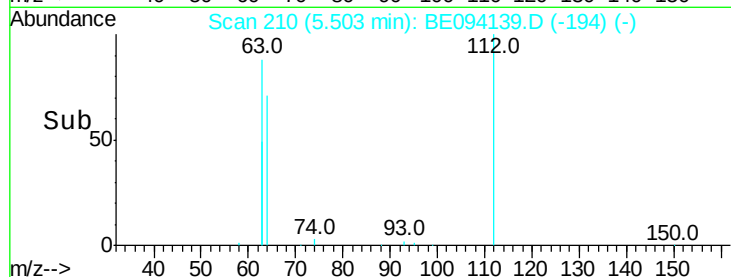
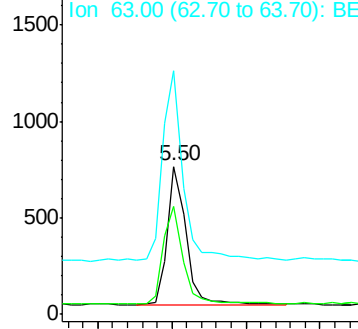
63 151.3 116.8 175.2



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: 0.105 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

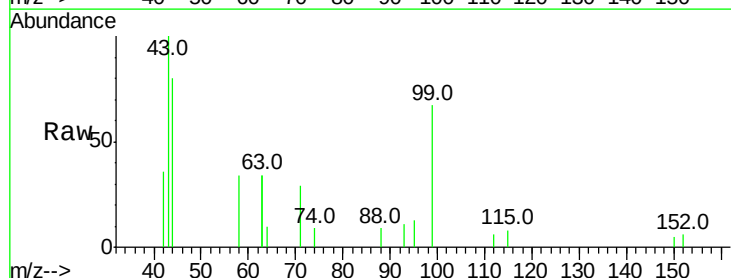
Tgt Ion: 99 Resp: 1100

Ion Ratio Lower Upper

99 100

42 35.3 20.2 30.2#

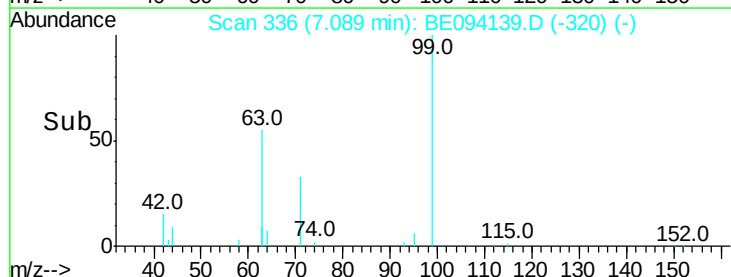
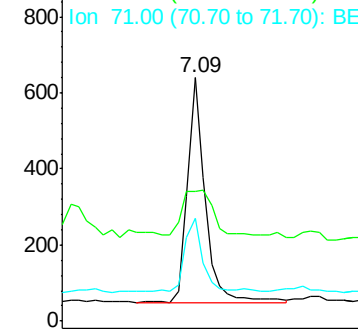
71 33.6 28.4 42.6

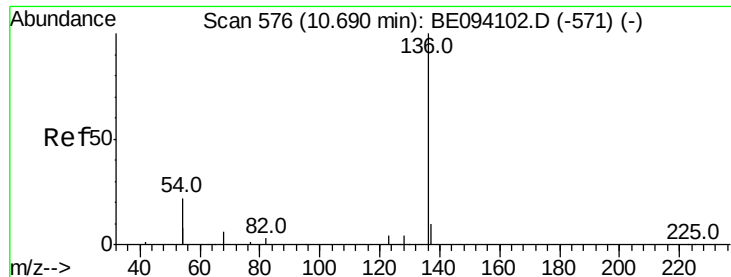


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. -0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9925

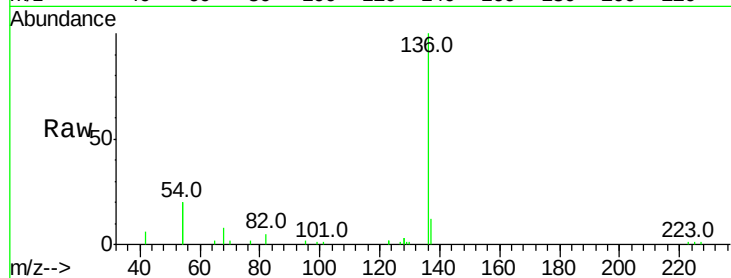
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 39.5 29.1 43.7

68 8.1 6.2 9.2

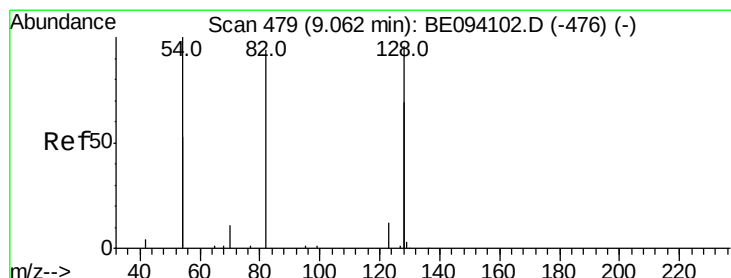
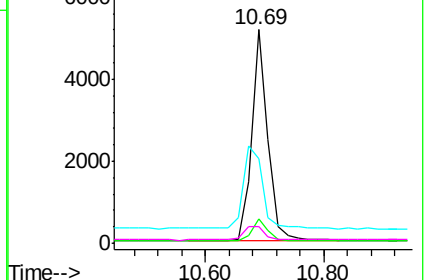
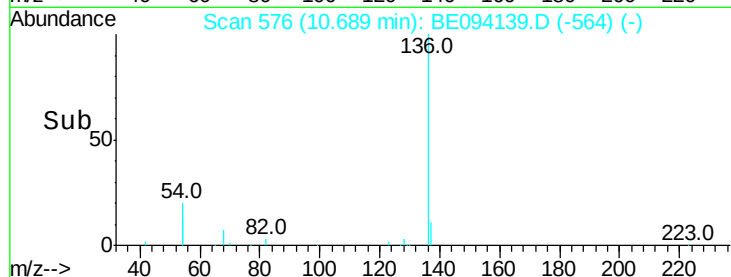


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

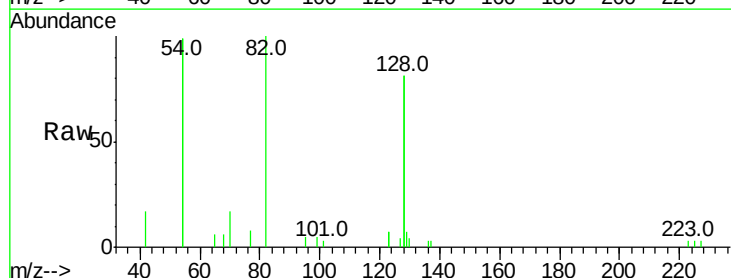
Tgt Ion: 82 Resp: 3428

Ion Ratio Lower Upper

82 100

128 162.7 150.0 225.0

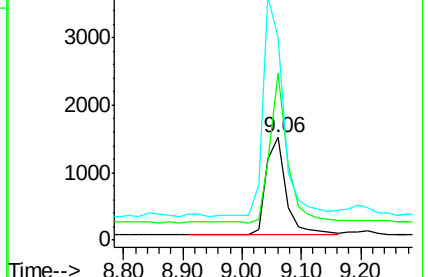
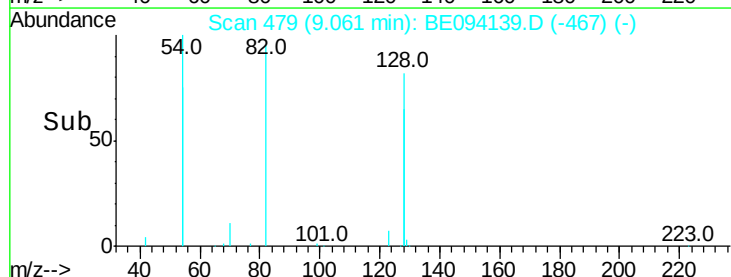
54 198.5 154.2 231.4

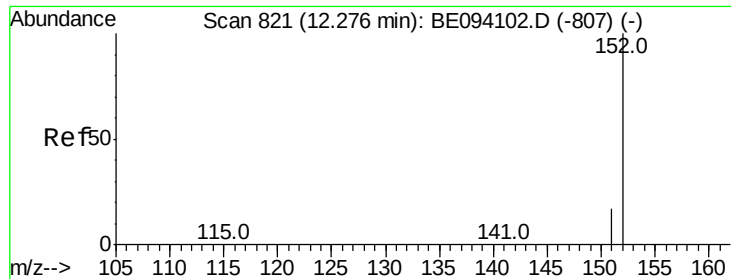


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

Instrument :

BNA_E

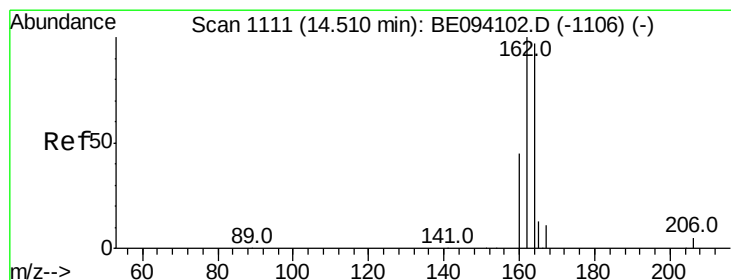
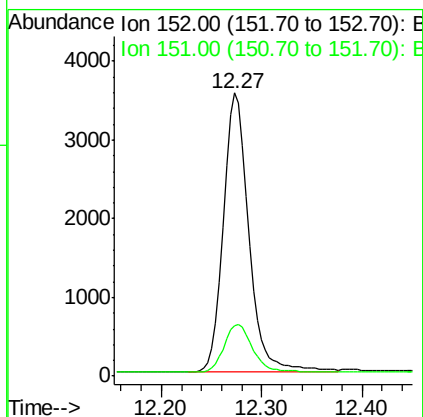
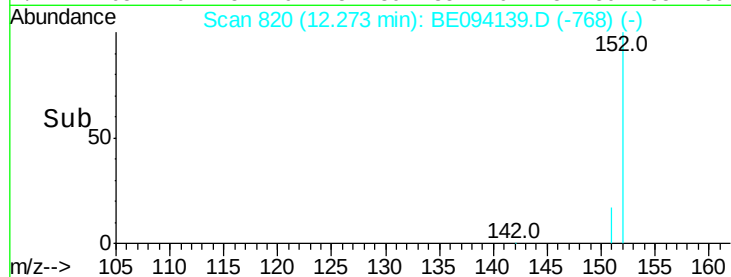
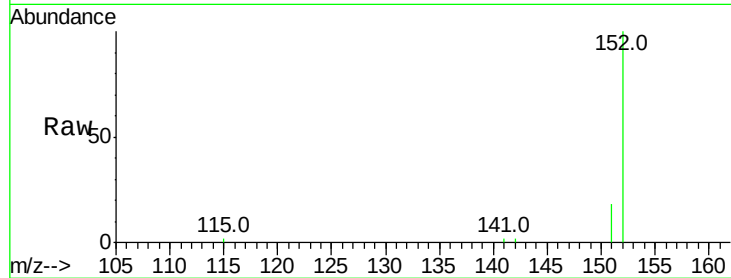
ClientSampleId :

Tot Ion:152 Resp: 6222

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

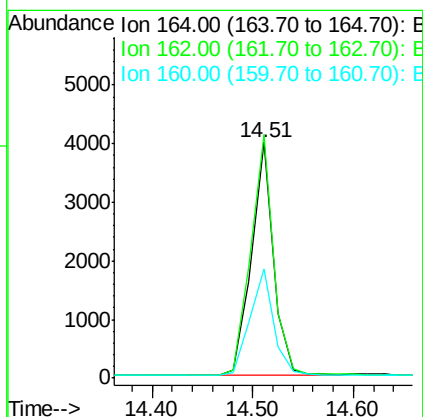
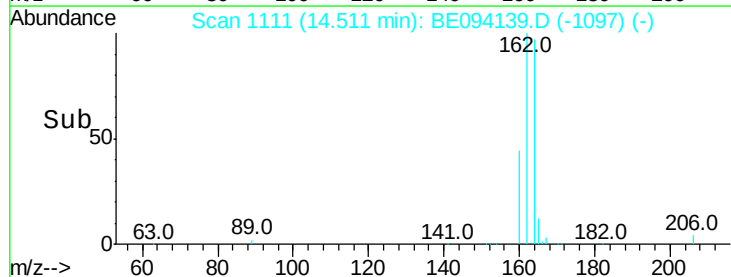
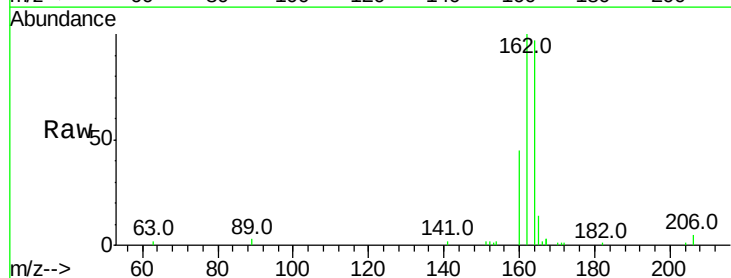
Tgt Ion:164 Resp: 6101

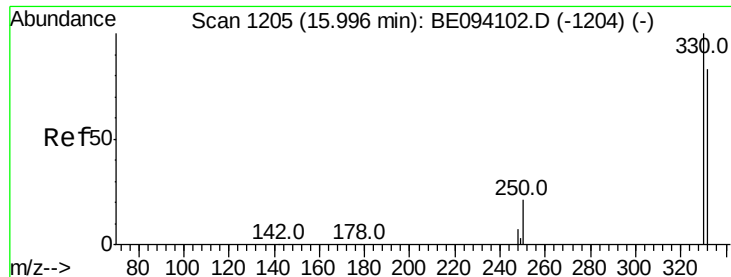
Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

160 46.4 37.1 55.7

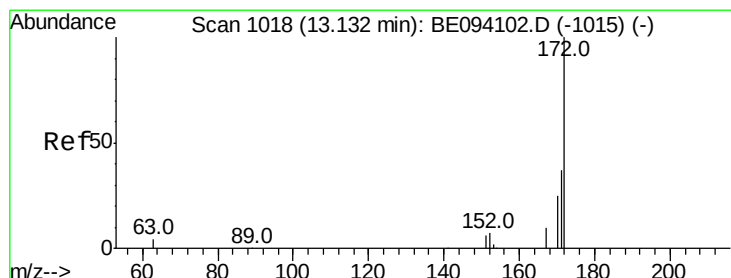
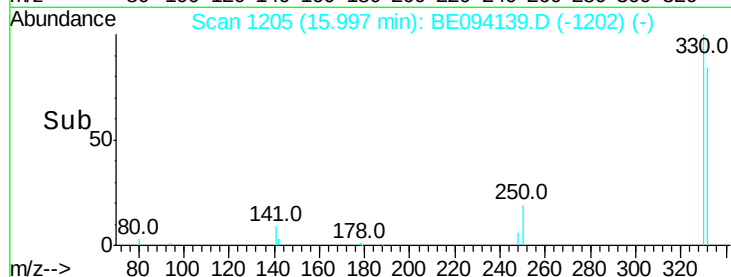
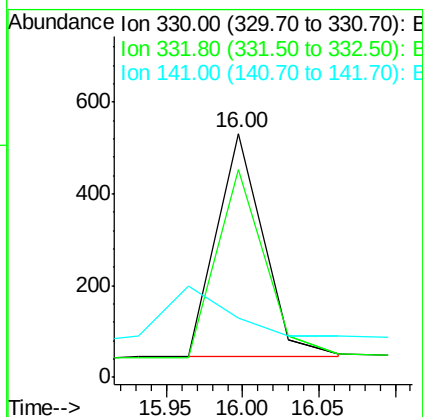
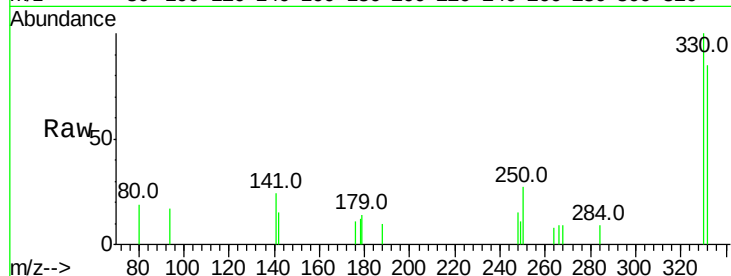




#14
 2,4,6-Tribromophenol
 Concen: 0.285 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094139.D
 Acq: 28 Sep 2017 20:41

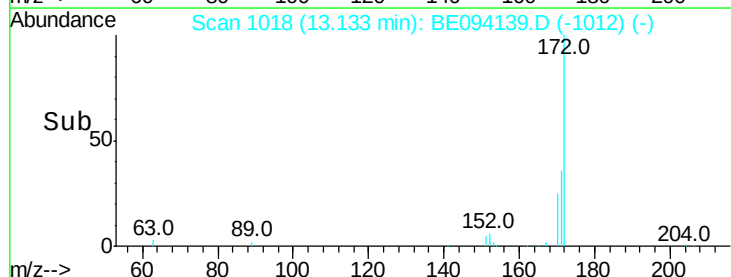
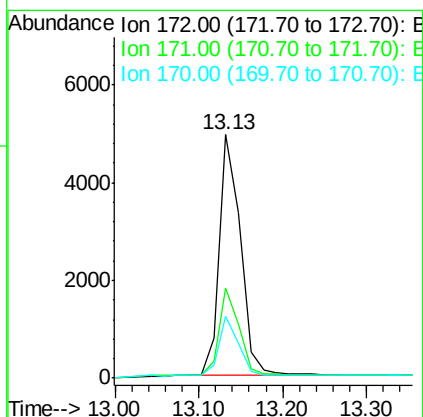
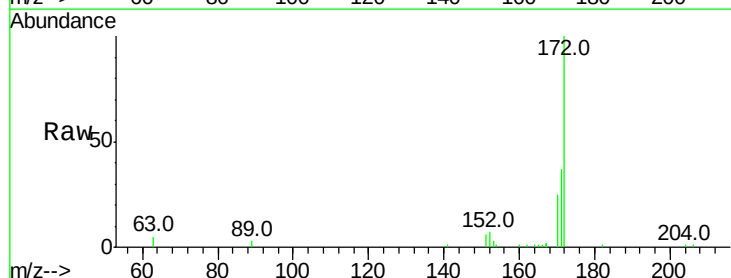
Instrument :
 BNA_E
 ClientSampleId :

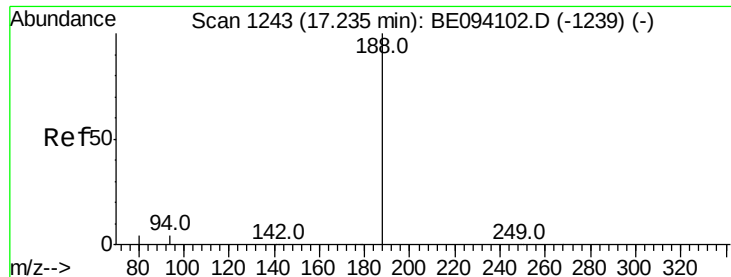
Tot Ion:330 Resp: 1035
 Ion Ratio Lower Upper
 330 100
 332 87.1 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.435 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE094139.D
 Acq: 28 Sep 2017 20:41

Tgt Ion:172 Resp: 8766
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 25.4 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

Instrument :

BNA_E

ClientSampleId :

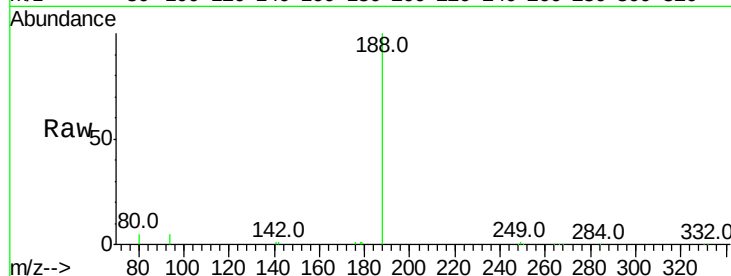
Tot Ion:188 Resp: 21427

Ion Ratio Lower Upper

188 100

94 5.0 3.9 5.9

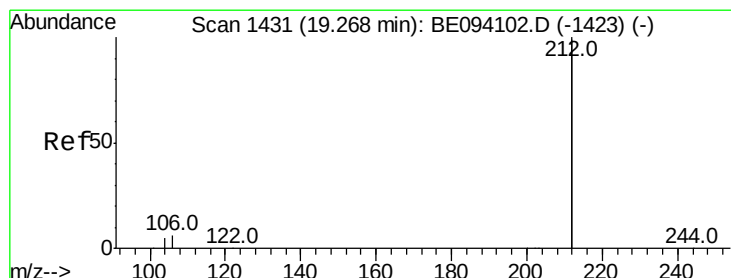
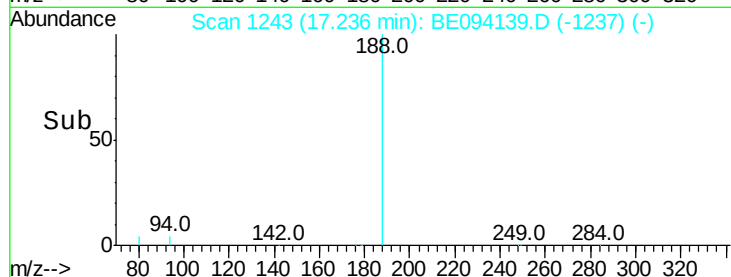
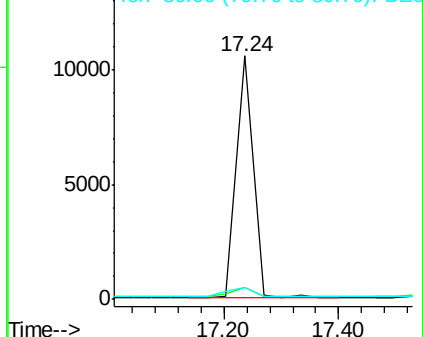
80 4.7 3.6 5.4



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



#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

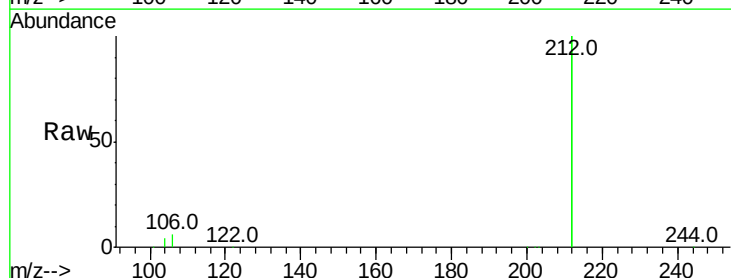
Tgt Ion:212 Resp: 79501

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

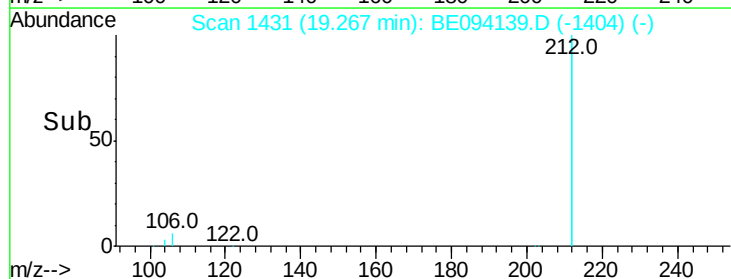
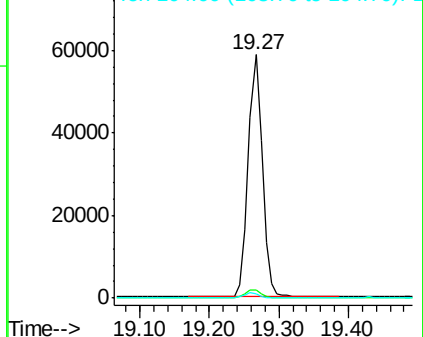
104 2.0 1.6 2.4

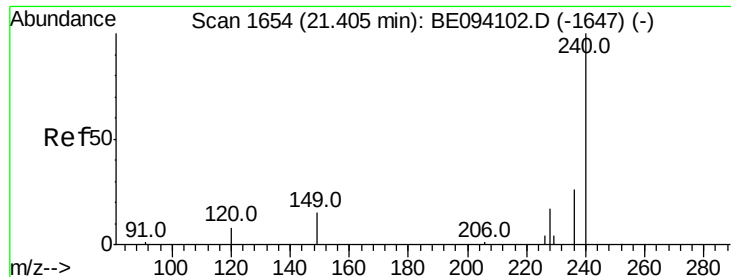


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

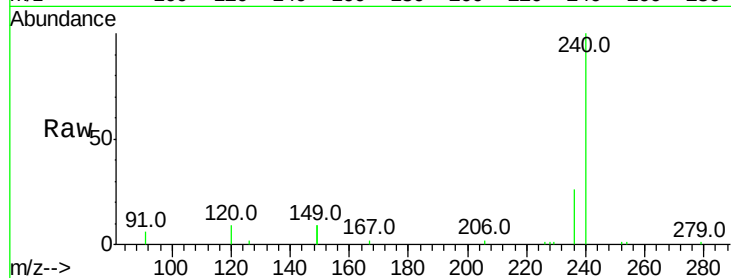




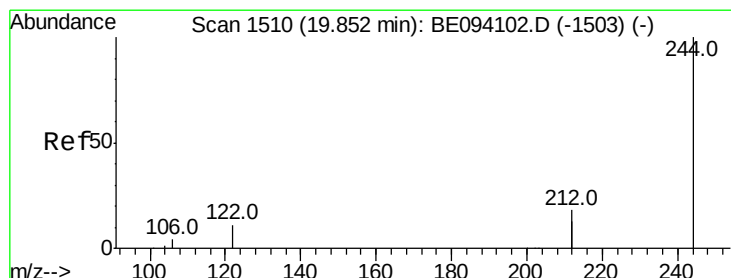
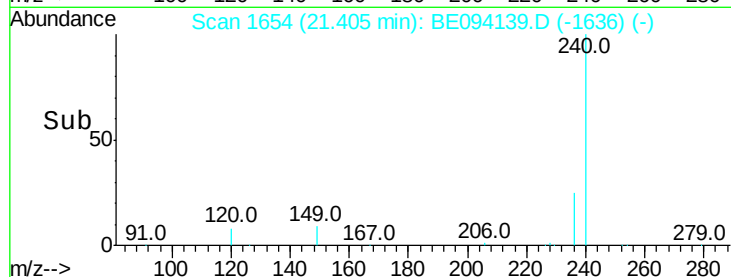
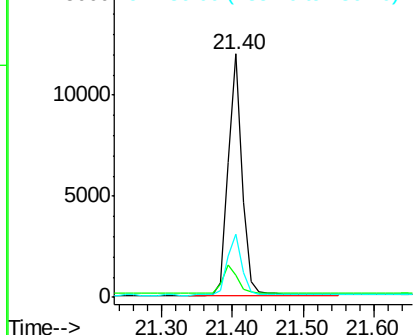
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094139.D
 Acq: 28 Sep 2017 20:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 16768
 Ion Ratio Lower Upper
 240 100
 120 9.3 5.5 8.3#
 236 26.1 20.7 31.1

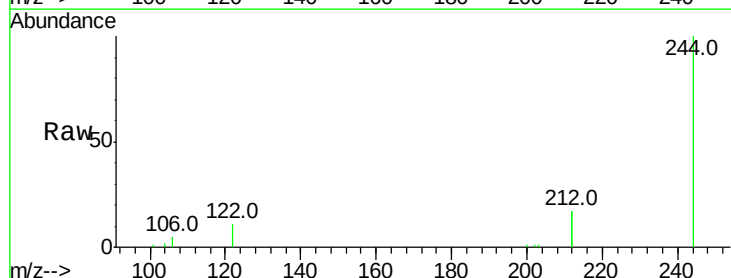


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

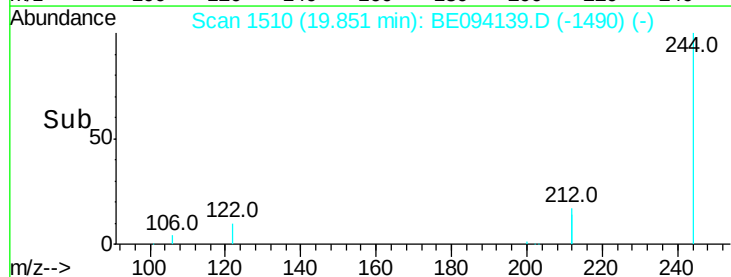
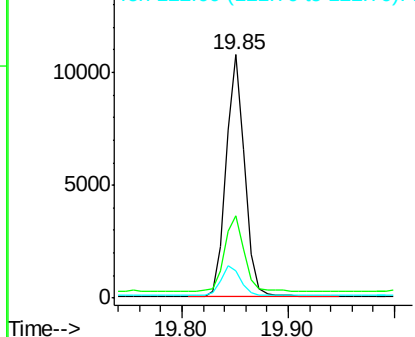


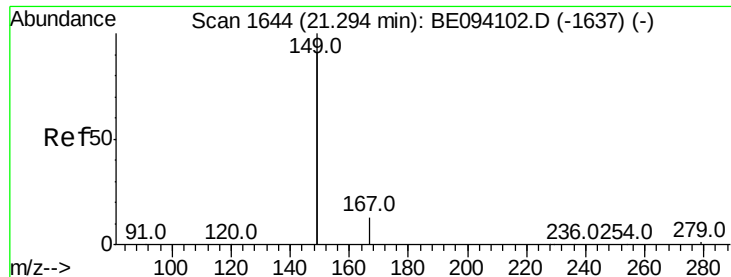
#29
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094139.D
 Acq: 28 Sep 2017 20:41

Tgt Ion:244 Resp: 13212
 Ion Ratio Lower Upper
 244 100
 212 33.7 25.4 38.0
 122 11.4 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: 0.556 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

Instrument :

BNA_E

ClientSampleId :

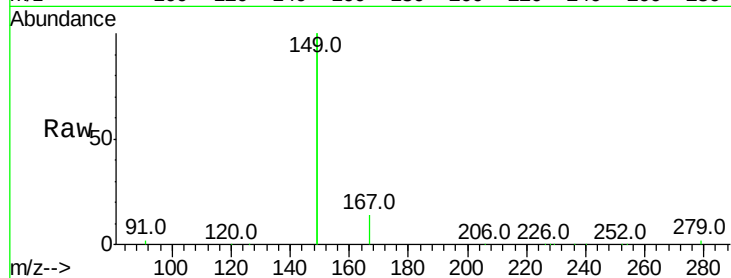
Tot Ion:149 Resp: 108339

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

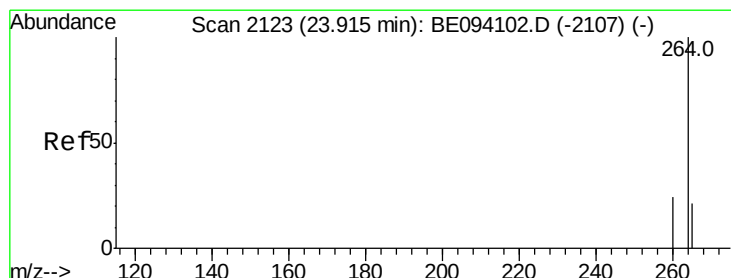
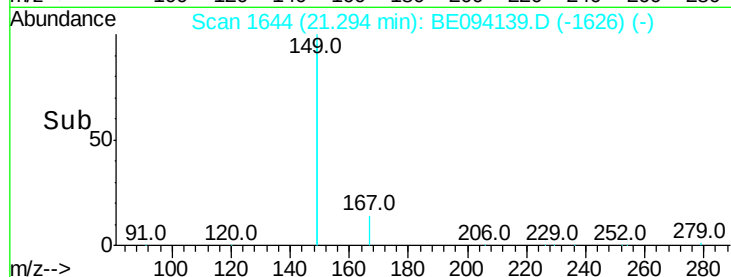
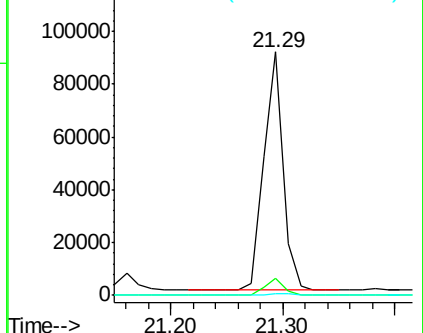
279 0.8 0.7 1.1



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: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094139.D

Acq: 28 Sep 2017 20:41

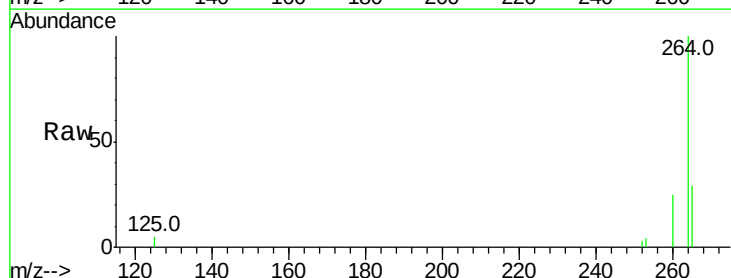
Tgt Ion:264 Resp: 15842

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 28.5 22.8 34.2



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

