

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
 Data File : BE094428.D
 Acq On : 17 Oct 2017 12:26
 Operator : SJ/JU
 Sample : PB102812BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102812BL

Quant Time: Oct 17 20:16:47 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	7.90	152	58759	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	299878	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	179355	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	375417	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	429699	0.40	ng	0.00
34) Perylene-d12	23.96	264	421554	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	562105	2.83	ng	0.00
5) Phenol-d6	7.10	99	838065	2.71	ng	-0.03
8) Nitrobenzene-d5	9.06	82	529224	2.03	ng	-0.02
11) 2-Methylnaphthalene-d10	12.30	152	23	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	148778	2.18	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1107368	1.73	ng	0.00
25) Fluoranthene-d10	19.23	212	37	0.00	ng	-0.06
29) Terphenyl-d14	19.87	244	1409141	1.63	ng	0.00

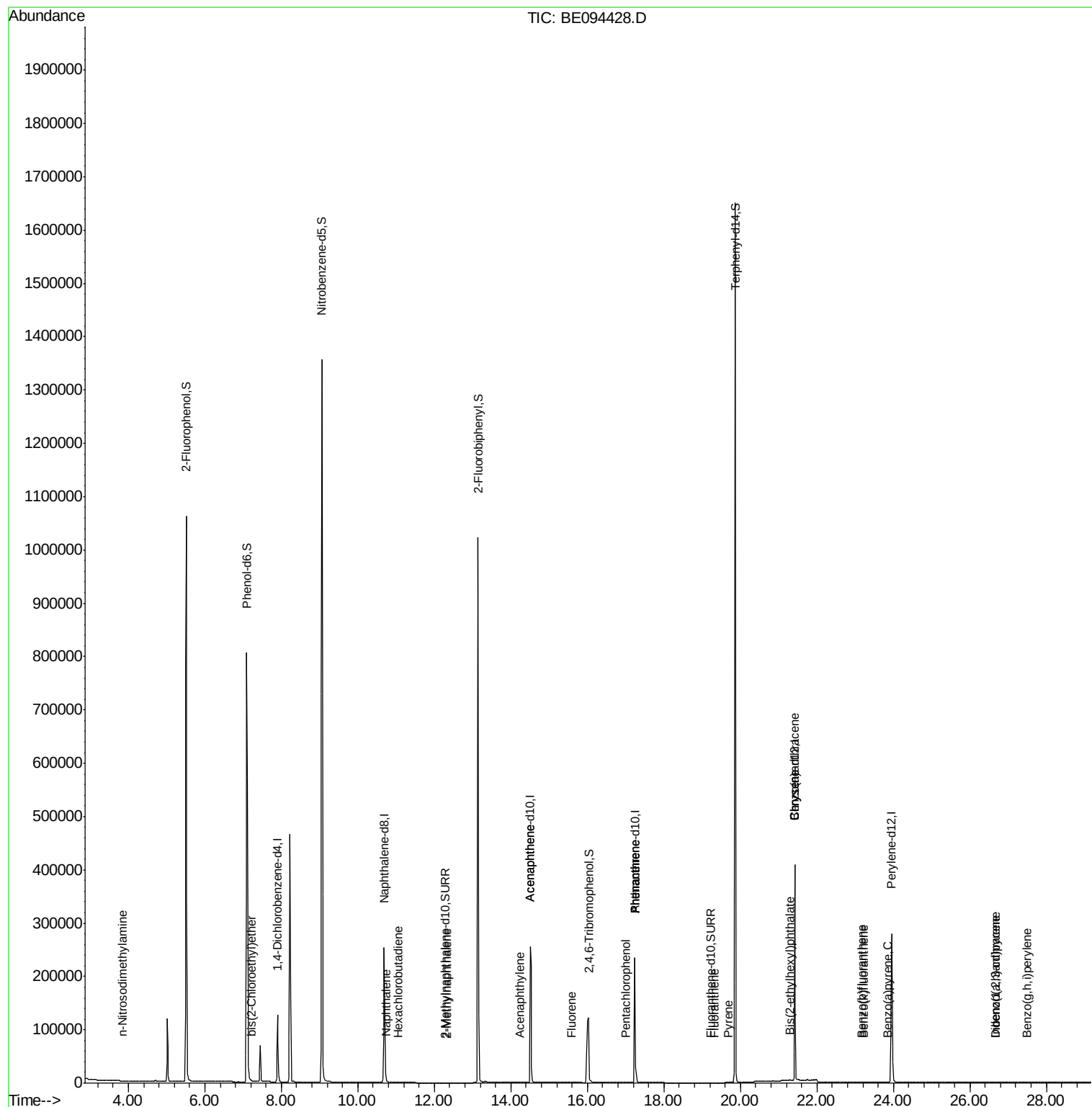
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	11	Below Cal	#	1
3) n-Nitrosodimethylamine	3.84	42	42	0.000	ng	# 8
6) bis(2-Chloroethyl)ether	7.21	93	39	0.000	ng	# 1
9) Naphthalene	10.74	128	195	0.000	ng	# 54
10) Hexachlorobutadiene	11.04	225	2	0.000	ng	# 1
12) 2-Methylnaphthalene	12.33	142	1	0.000	ng	# 40
16) Acenaphthylene	14.23	152	16	0.000	ng	# 69
17) Acenaphthene	14.51	154	698	0.001	ng	# 10
18) Fluorene	15.58	166	28	0.000	ng	# 76
22) Pentachlorophenol	17.01	266	12	0.157	ng	97
23) Phenanthrene	17.24	178	350	0.000	ng	# 1
24) Anthracene	17.24	178	305	0.000	ng	# 1
26) Fluoranthene	19.32	202	111	0.000	ng	# 82
28) Pyrene	19.68	202	147	0.000	ng	# 58
30) Benzo(a)anthracene	21.43	228	1491	0.001	ng	# 81
31) Chrysene	21.43	228	1499	0.001	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.29	149	1953	0.000	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.66	276	100	0.000	ng	# 81
35) Benzo(b)fluoranthene	23.18	252	281	0.000	ng	# 26
36) Benzo(k)fluoranthene	23.23	252	150	0.000	ng	# 7
37) Benzo(a)pyrene	23.84	252	92	0.000	ng	# 9
38) Dibenzo(a,h)anthracene	26.65	278	13	0.000	ng	# 10
39) Benzo(g,h,i)perylene	27.49	276	48	0.000	ng	# 53

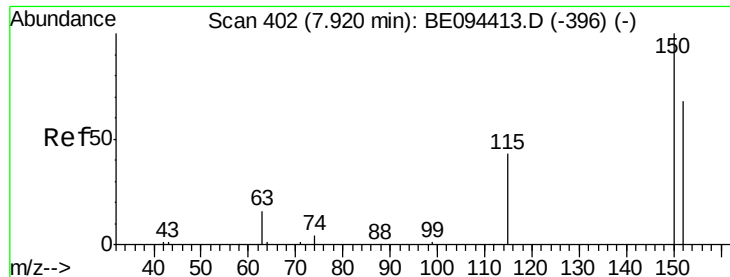
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

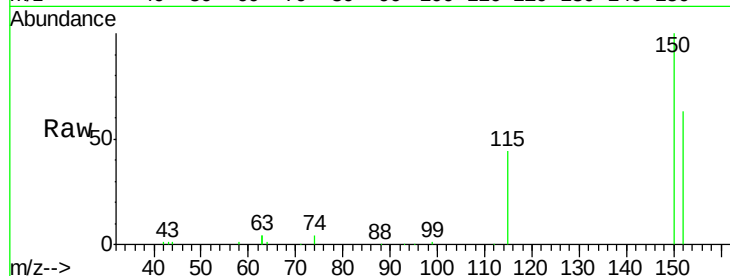
Tgt Ion: 152 Resp: 58759

Ion Ratio Lower Upper

152 100

150 159.7 117.2 175.8

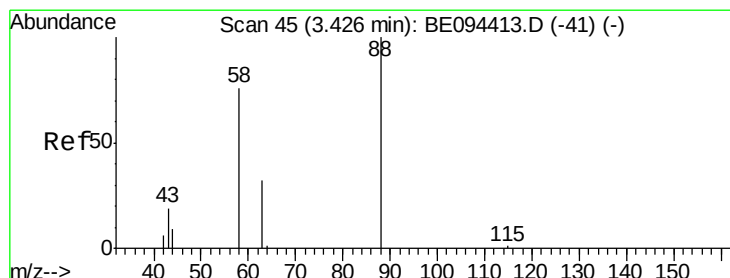
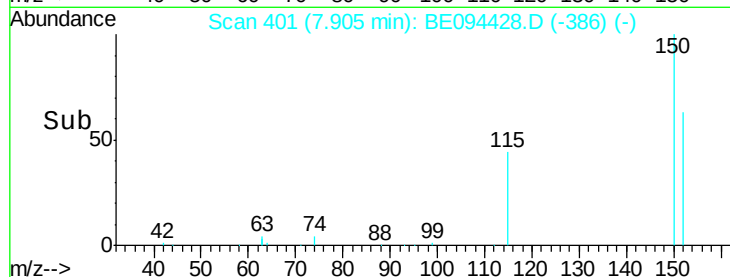
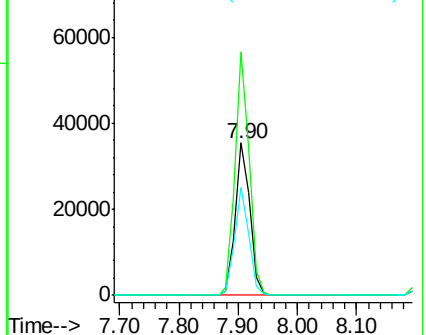
115 70.6 57.0 85.6



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: Below Cal

RT: 3.52 min Scan# 53

Delta R.T. 0.10 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

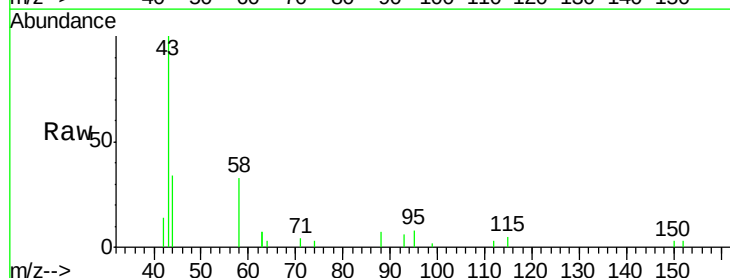
Tgt Ion: 88 Resp: 11

Ion Ratio Lower Upper

88 100

58 381.8 63.2 94.8#

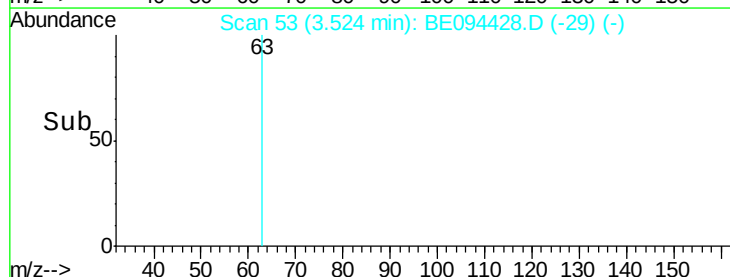
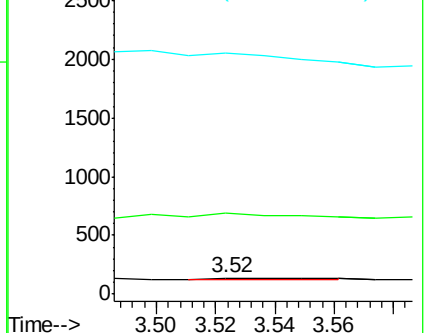
43 0.0 41.2 61.8#

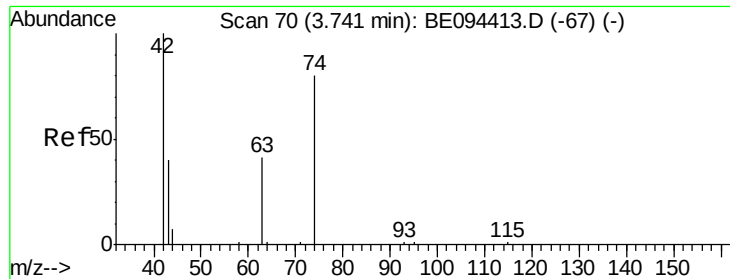


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.000 ng

RT: 3.84 min Scan# 78

Delta R.T. 0.10 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

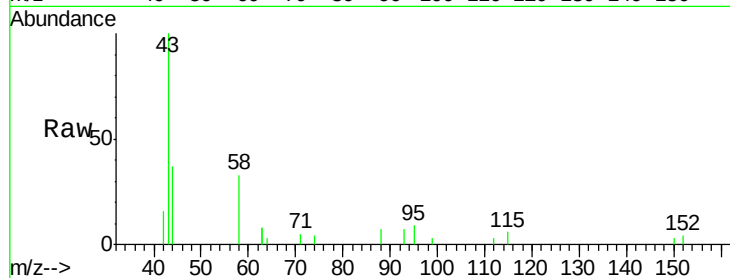
Tgt Ion: 42 Resp: 42

Ion Ratio Lower Upper

42 100

74 11.9 100.3 150.5#

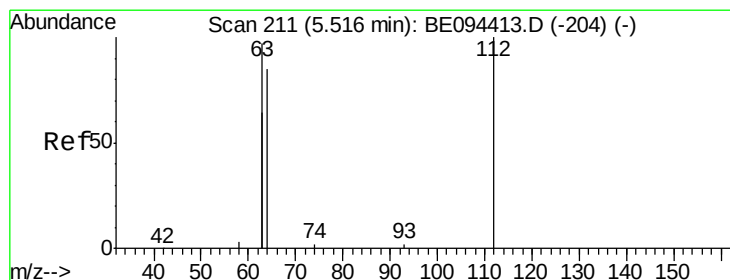
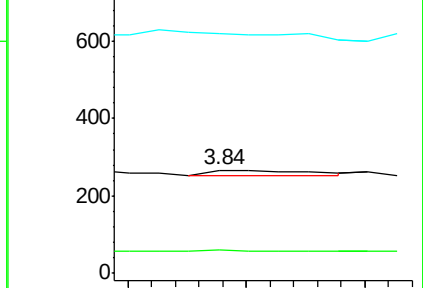
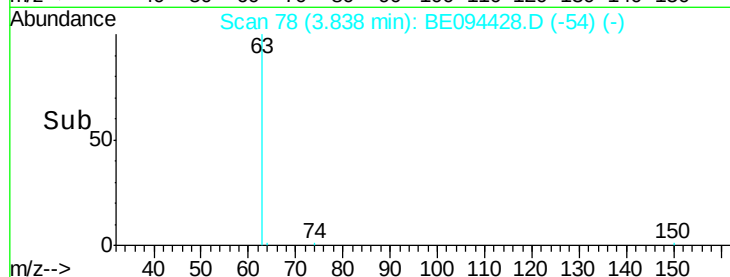
44 0.0 17.0 25.4#



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: 2.831 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

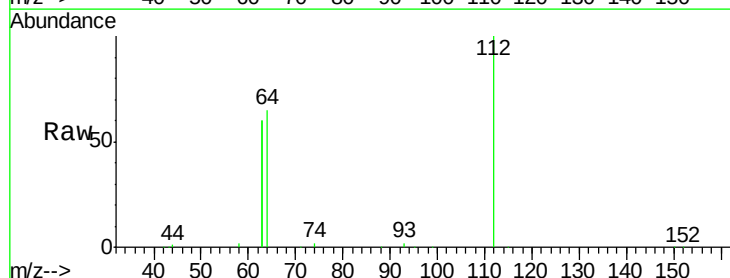
Tgt Ion: 112 Resp: 562105

Ion Ratio Lower Upper

112 100

64 72.2 60.1 90.1

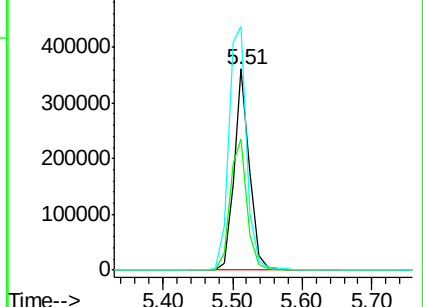
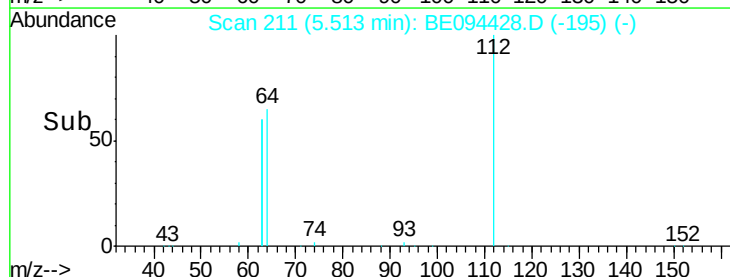
63 142.4 116.8 175.2

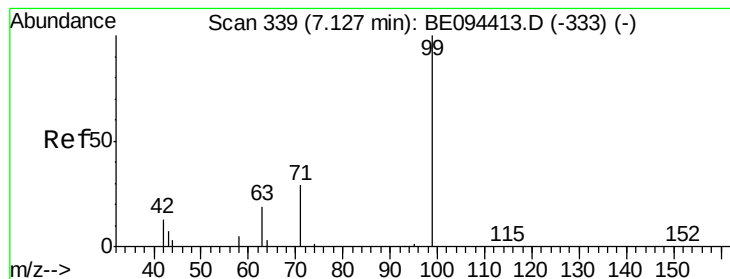


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.706 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.03 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

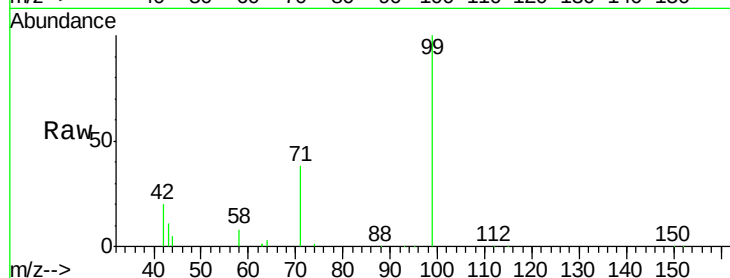
Tgt Ion: 99 Resp: 838065

Ion Ratio Lower Upper

99 100

42 18.7 20.2 30.2#

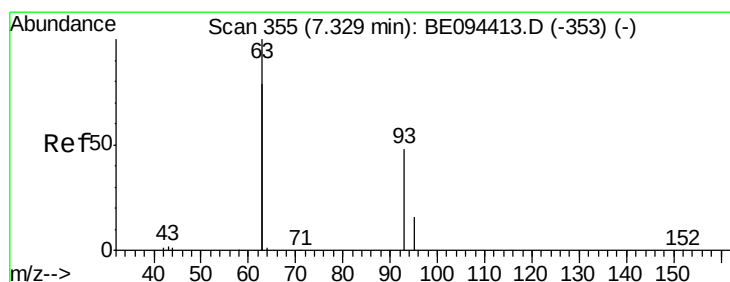
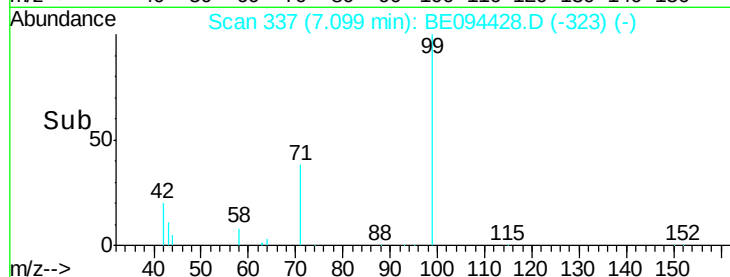
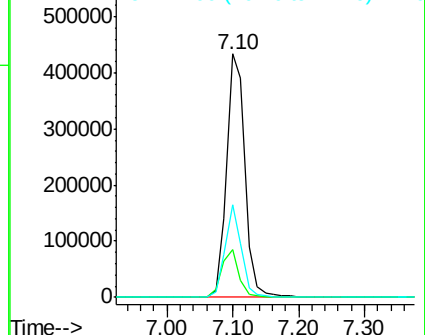
71 34.0 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.000 ng

RT: 7.21 min Scan# 346

Delta R.T. -0.12 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

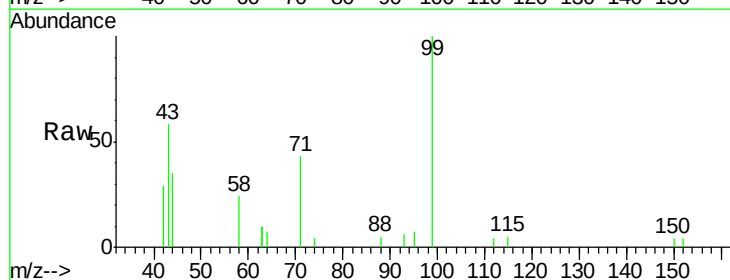
Tgt Ion: 93 Resp: 39

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

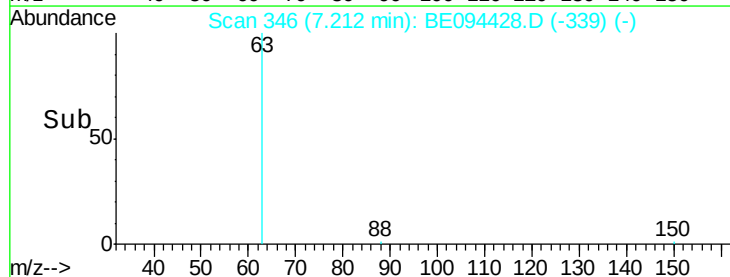
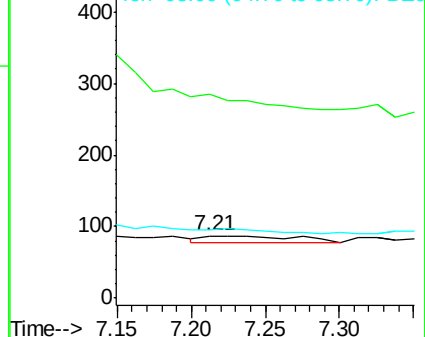
95 0.0 25.2 37.8#

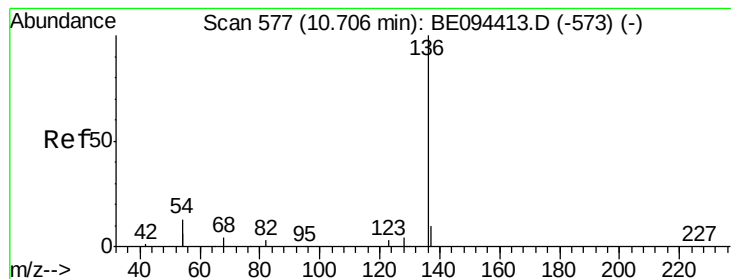


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

Tgt Ion: 136 Resp: 299878

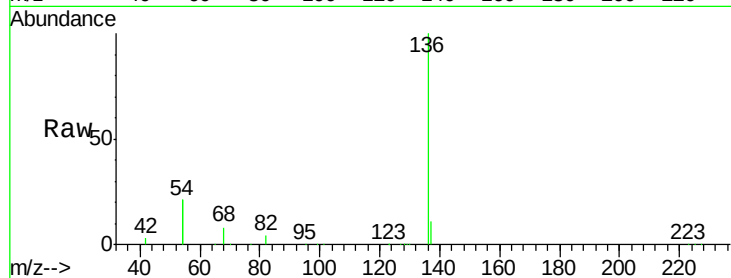
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 43.0 29.1 43.7

68 8.5 6.2 9.2

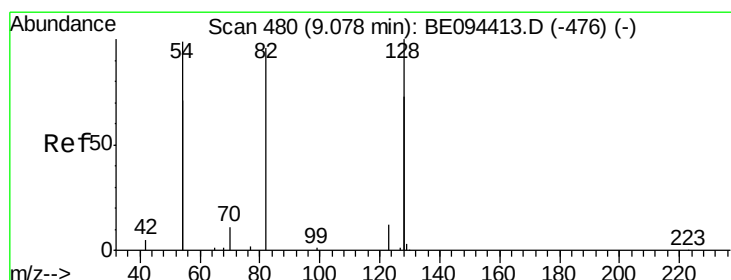
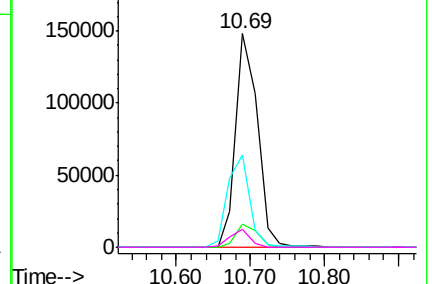
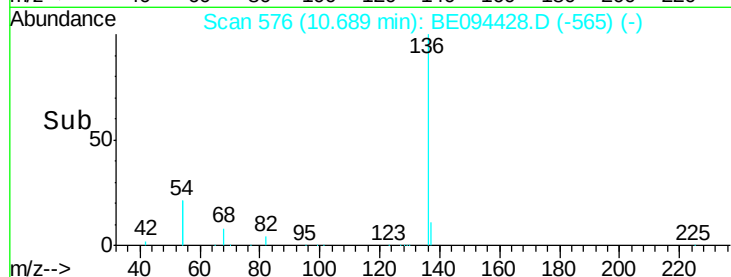


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.031 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

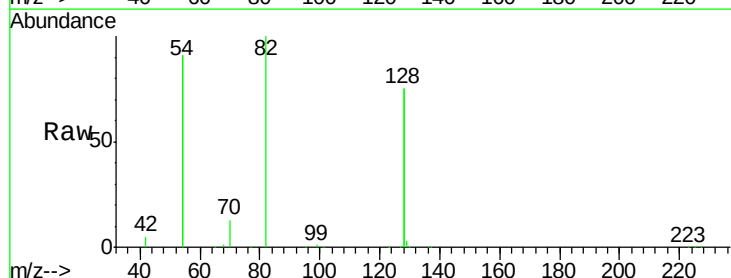
Tgt Ion: 82 Resp: 529224

Ion Ratio Lower Upper

82 100

128 149.5 150.0 225.0#

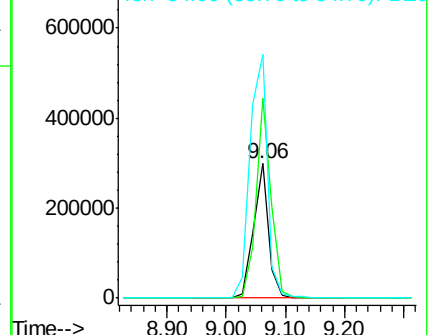
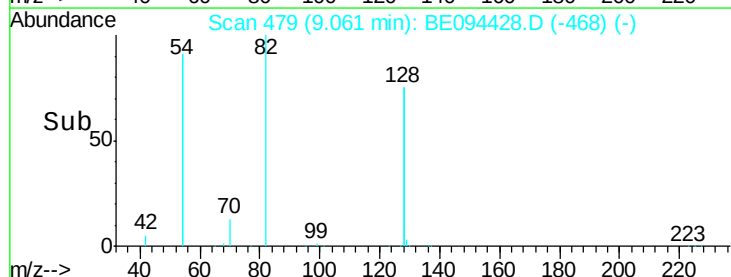
54 181.4 154.2 231.4

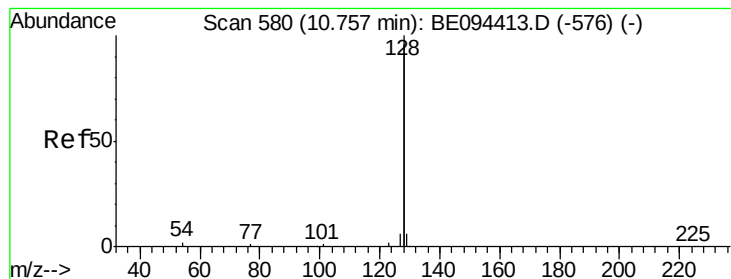


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.000 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

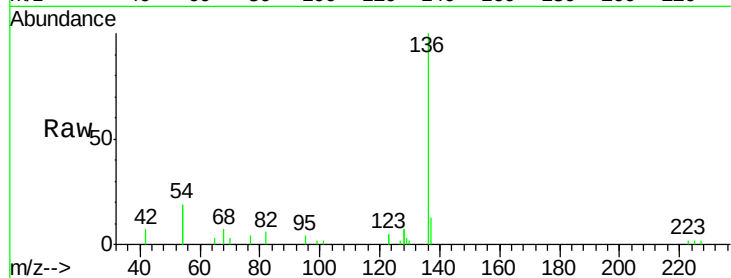
Tgt Ion:128 Resp: 195

Ion Ratio Lower Upper

128 100

129 20.7 2.6 3.8#

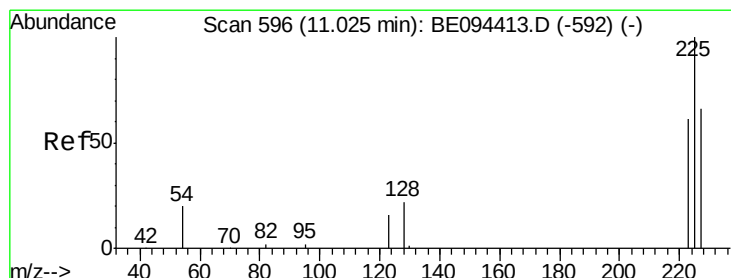
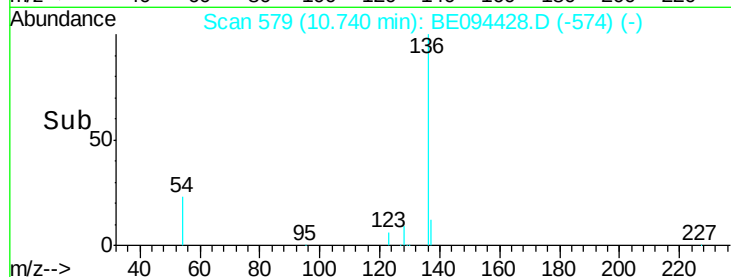
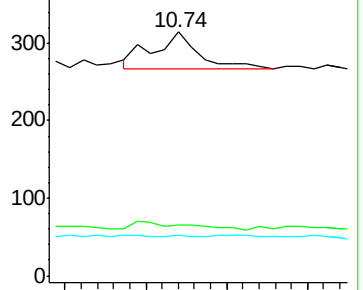
127 16.6 2.8 4.2#



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: 0.000 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

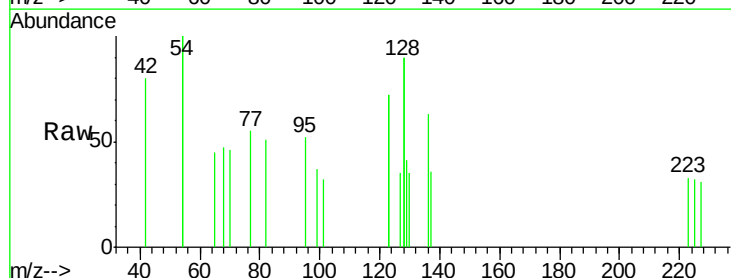
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 250.0 53.0 79.6#

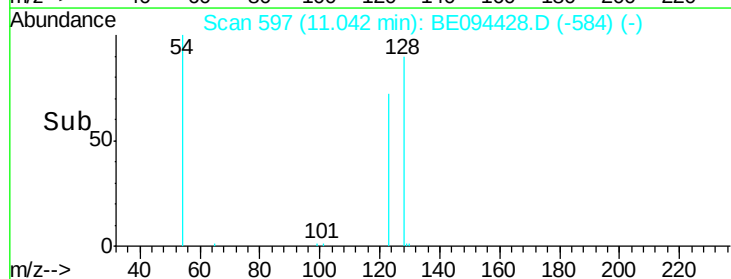
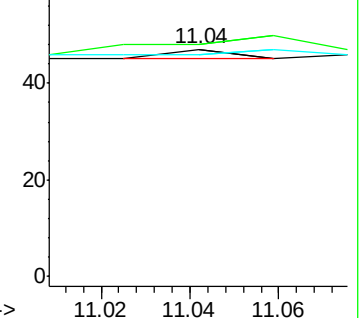
227 50.0 51.4 77.2#

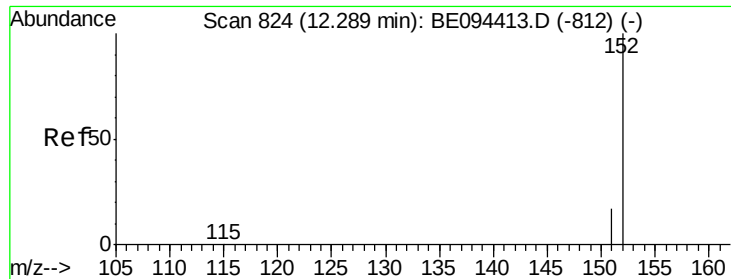


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

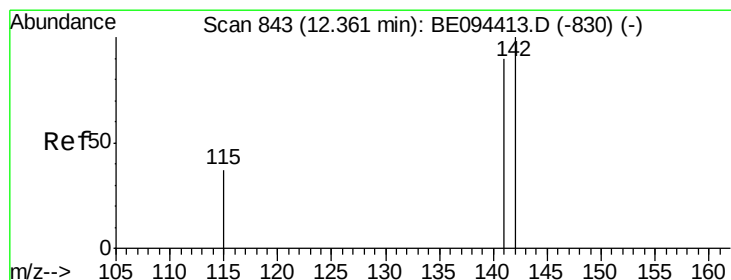
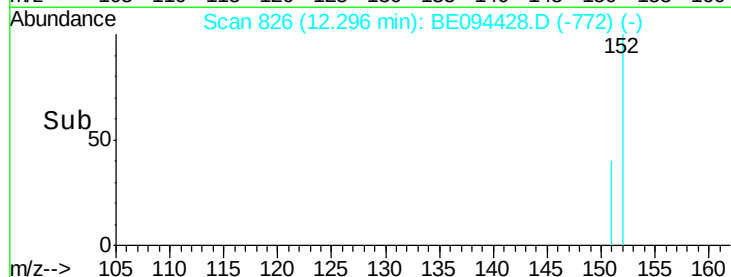
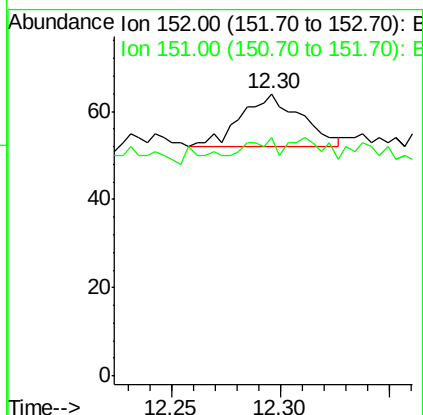
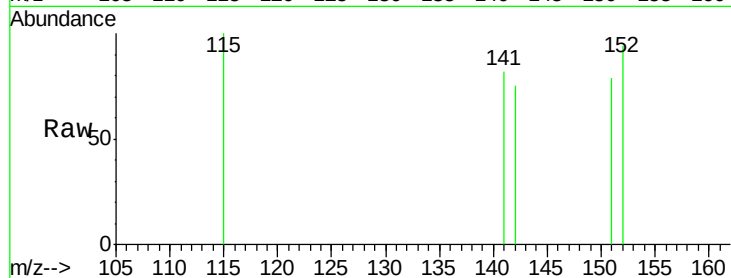




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.30 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

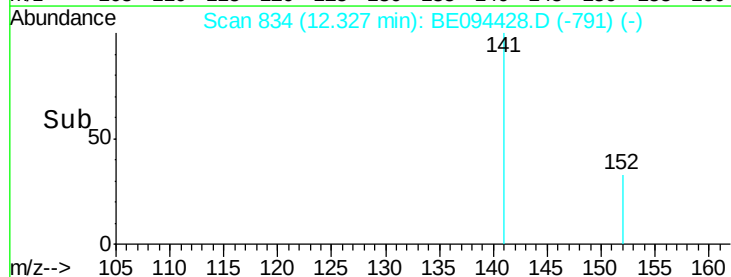
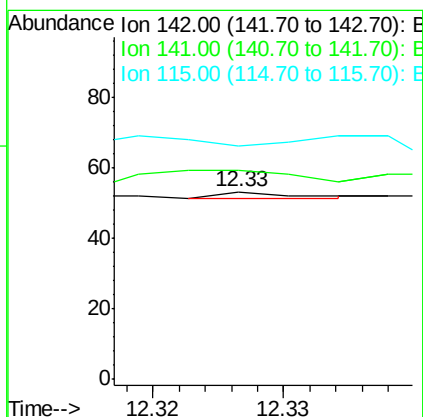
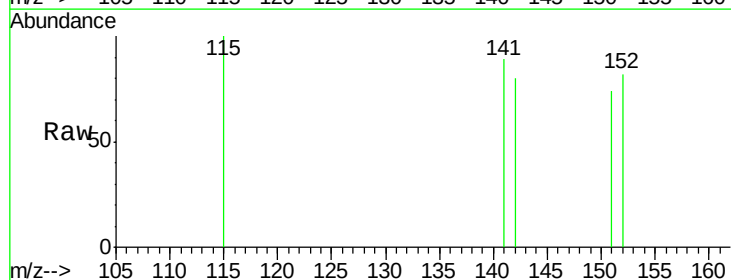
Instrument :
BNA_E
ClientSampleId :
PB102812BL

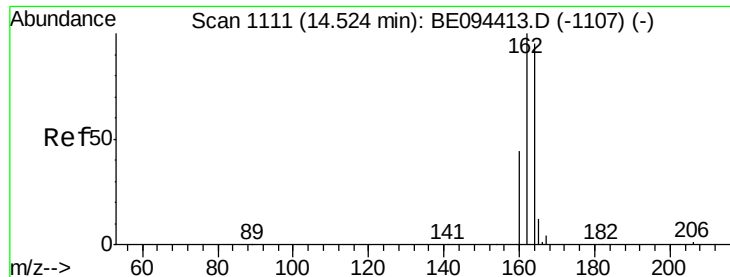
Tgt Ion:152 Resp: 23
Ion Ratio Lower Upper
152 100
151 17.4 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.33 min Scan# 834
Delta R.T. -0.03 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 111.3 70.4 105.6#
115 124.5 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

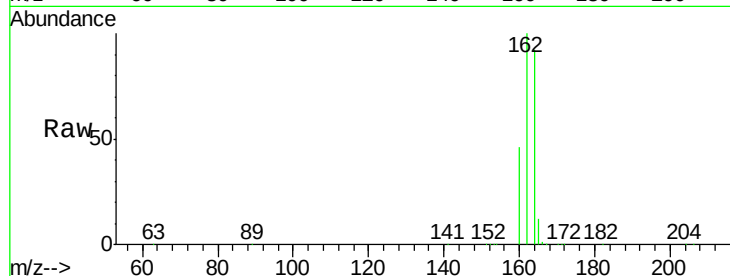
Tgt Ion:164 Resp: 179355

Ion Ratio Lower Upper

164 100

162 108.9 83.1 124.7

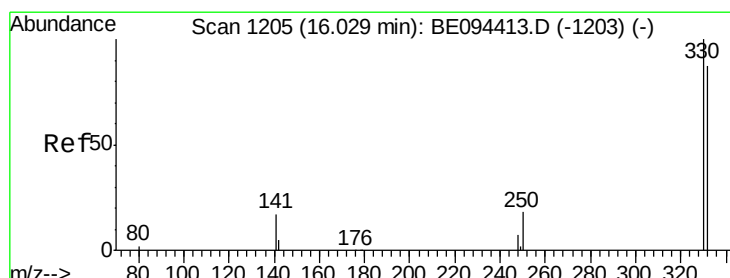
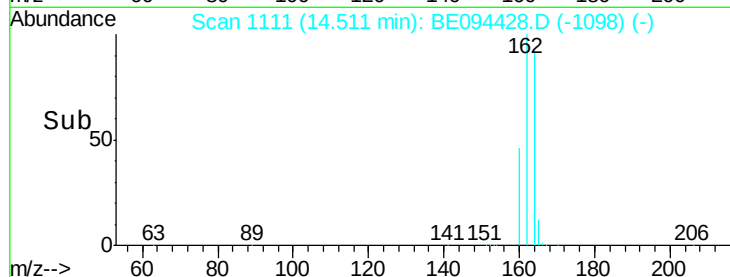
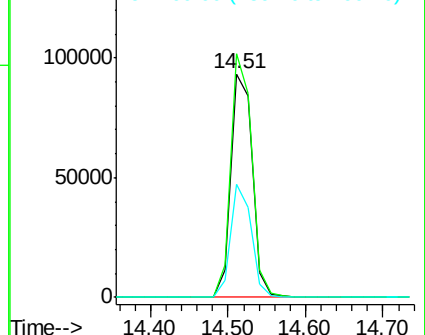
160 50.5 37.1 55.7



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: 2.177 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

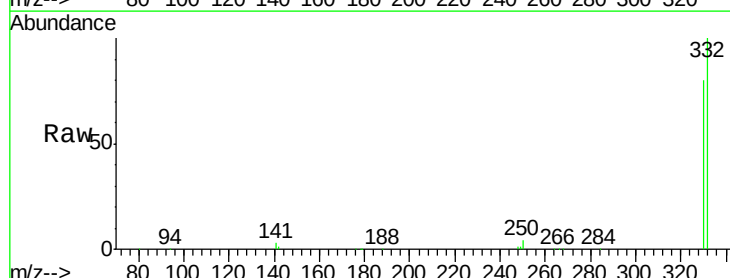
Tgt Ion:330 Resp: 148778

Ion Ratio Lower Upper

330 100

332 107.2 152.7 229.1#

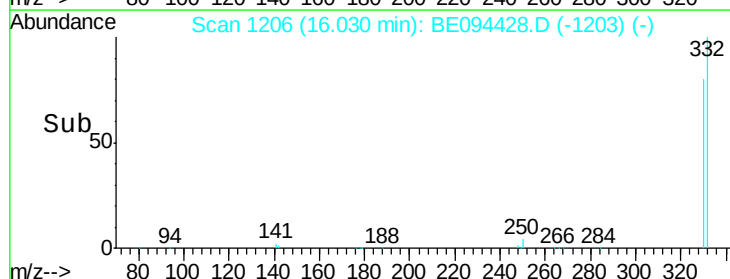
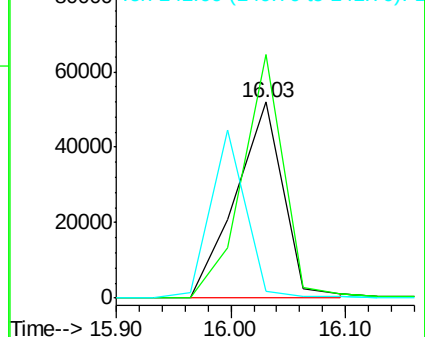
141 0.0 33.7 50.5#

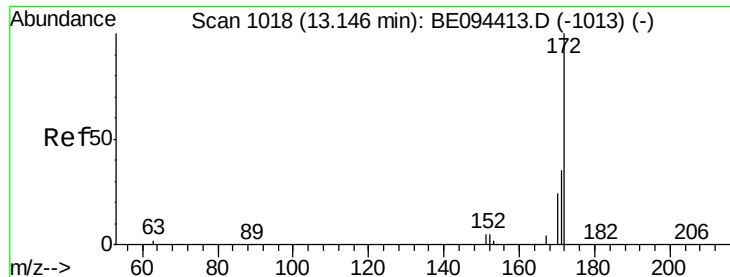


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

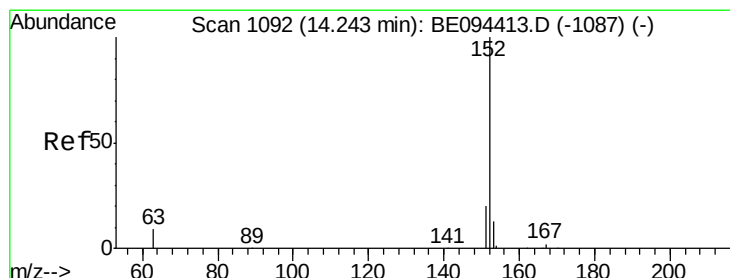
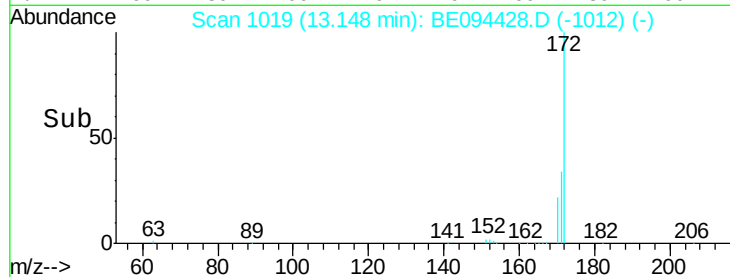
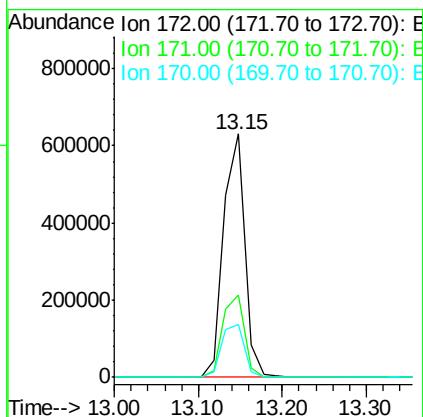
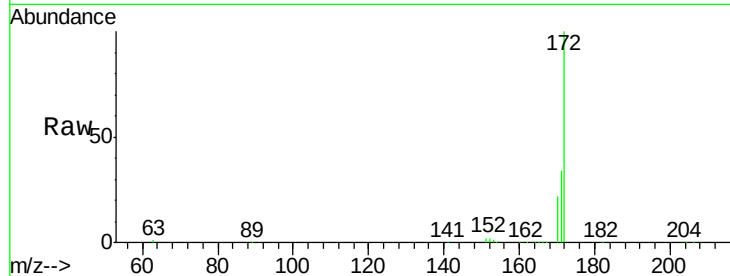




#15
2-Fluorobiphenyl
Concen: 1.730 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

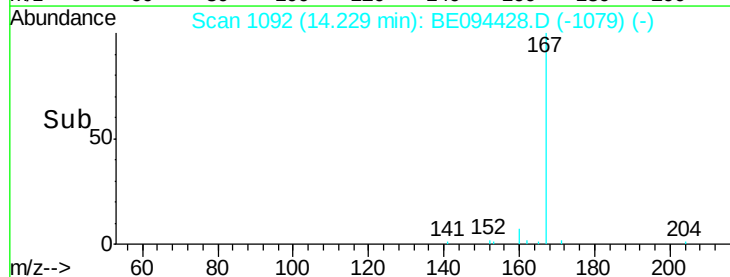
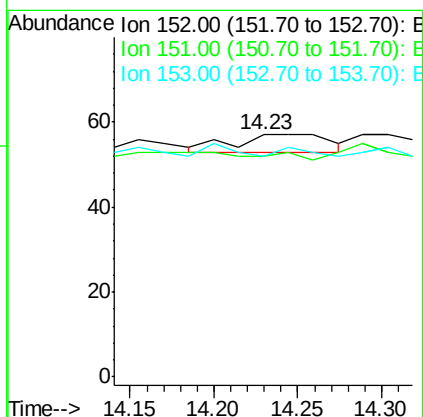
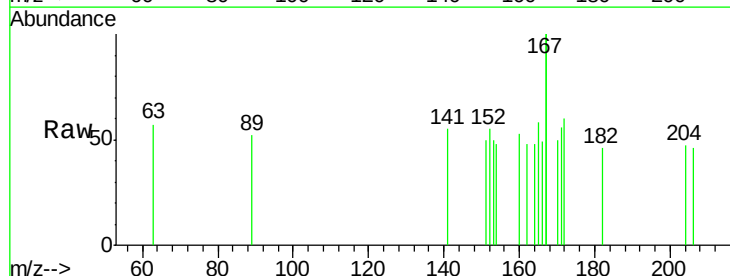
Instrument :
BNA_E
ClientSampleId :
PB102812BL

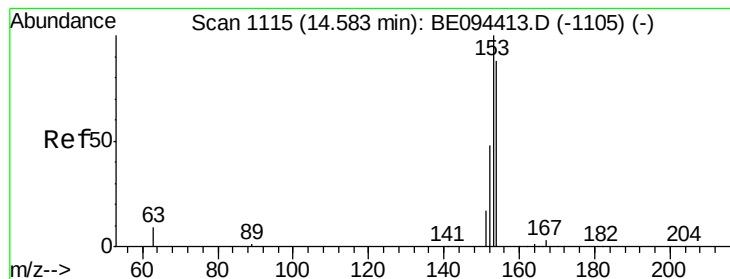
Tgt Ion:172 Resp: 1107368
Ion Ratio Lower Upper
172 100
171 34.0 29.9 44.9
170 21.6 21.8 32.8#



#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 18.8 10.5 15.7#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.07 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

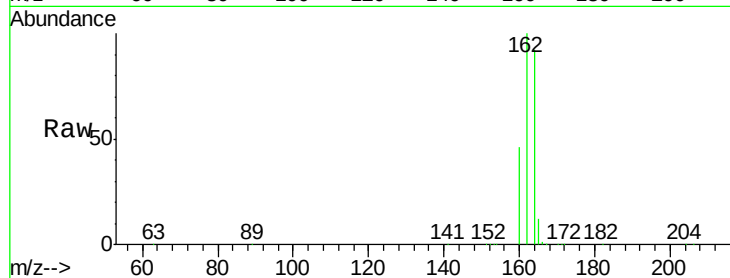
Tgt Ion:154 Resp: 698

Ion Ratio Lower Upper

154 100

153 8.3 89.2 133.8#

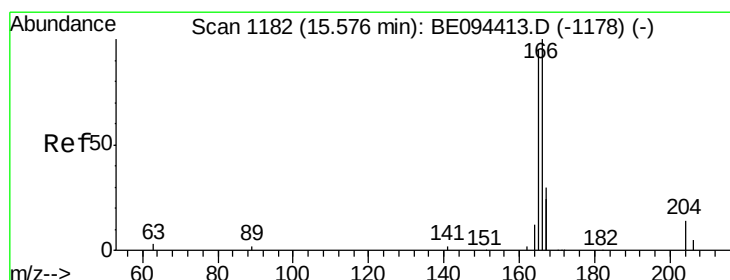
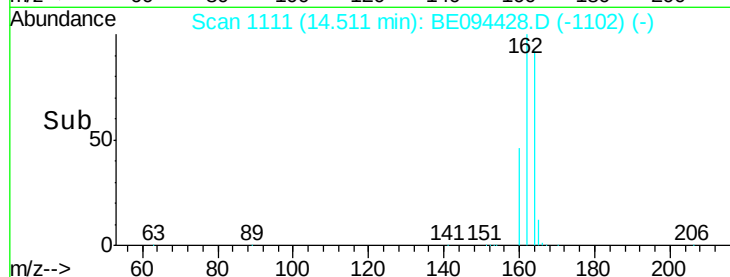
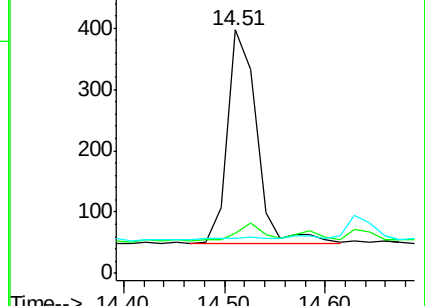
152 0.0 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.000 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

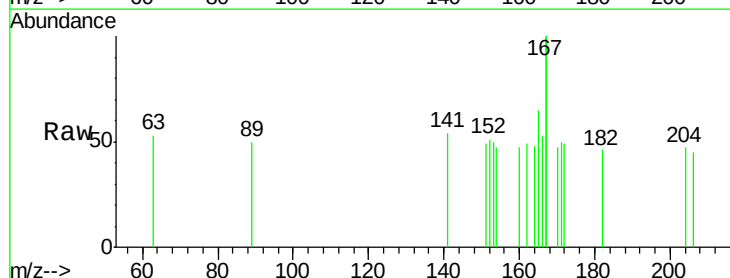
Tgt Ion:166 Resp: 28

Ion Ratio Lower Upper

166 100

165 64.3 77.8 116.6#

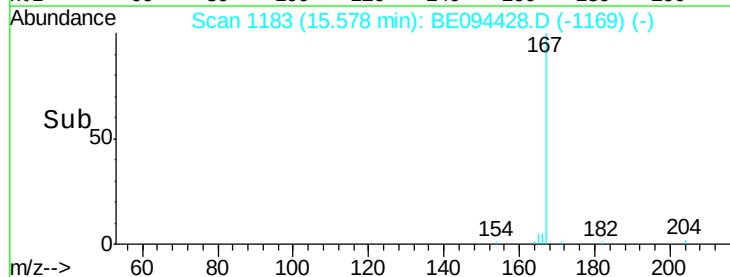
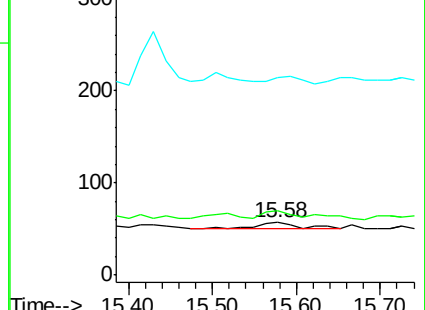
167 57.1 42.4 63.6

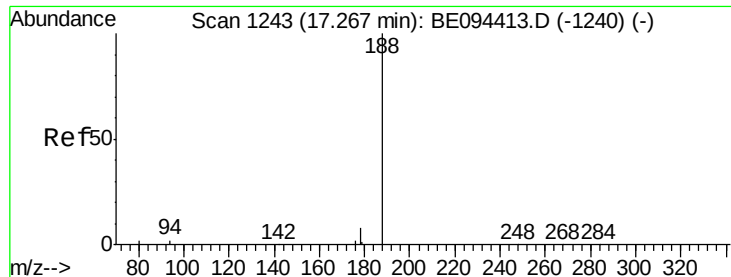


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

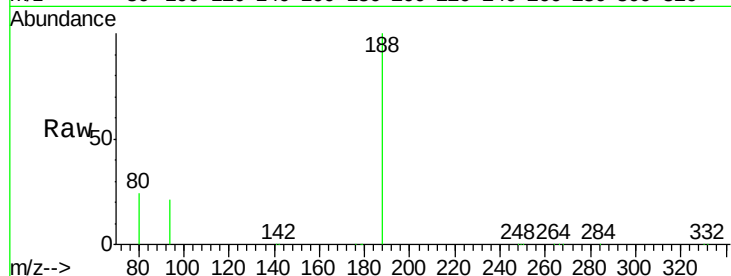
Tgt Ion:188 Resp: 375417

Ion Ratio Lower Upper

188 100

94 20.8 3.9 5.9#

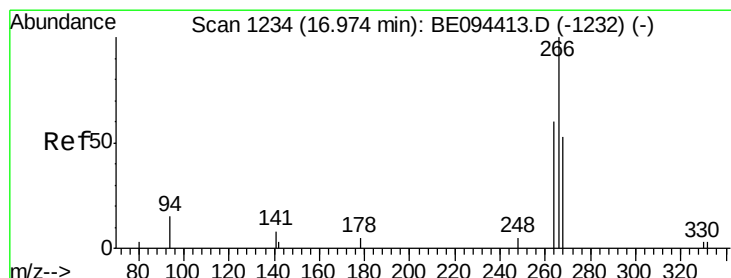
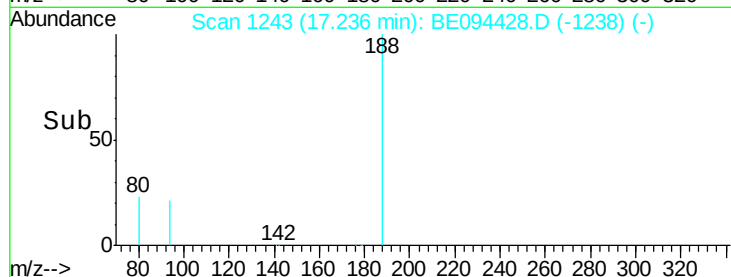
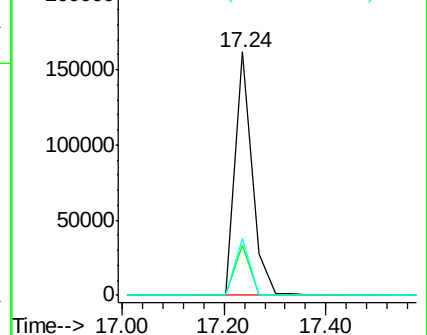
80 23.5 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.157 ng

RT: 17.01 min Scan# 1236

Delta R.T. 0.03 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

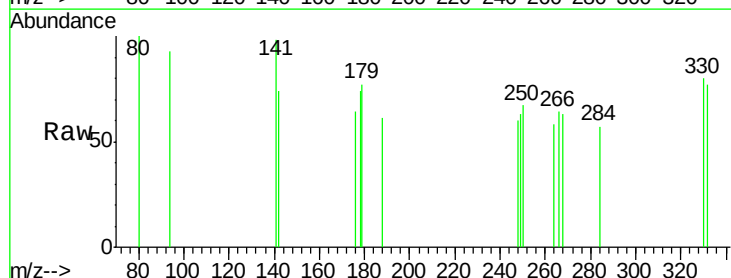
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 90.7 72.5 108.7

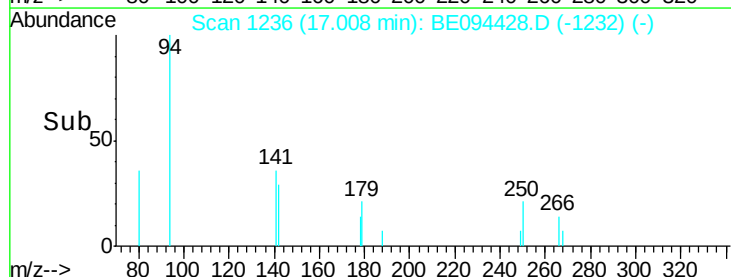
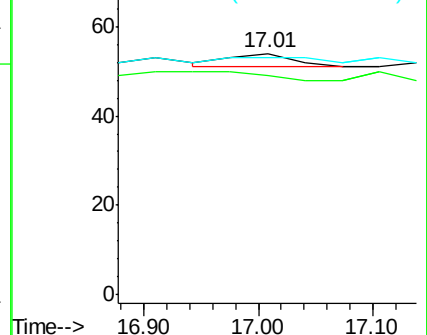
268 98.1 73.8 110.6

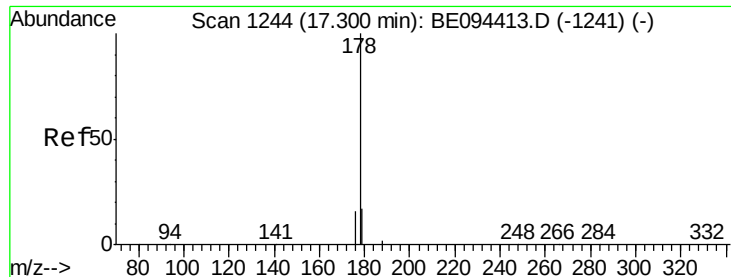


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.000 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.06 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

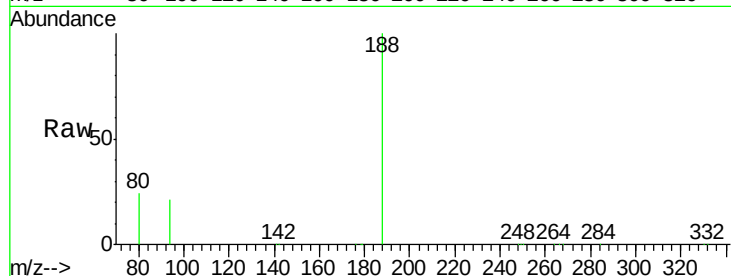
Tgt Ion:178 Resp: 350

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

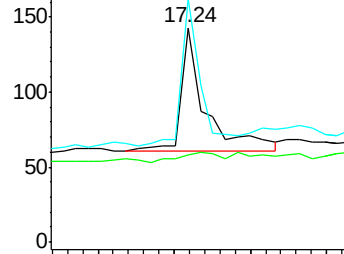
179 96.0 11.8 17.6#



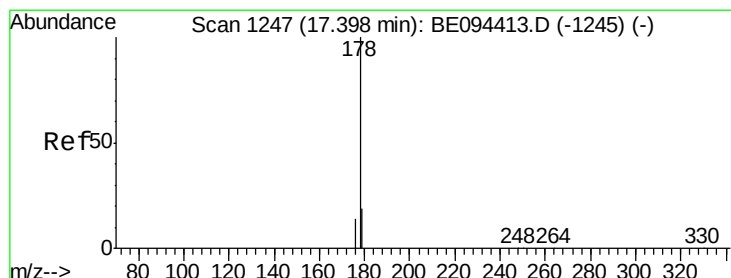
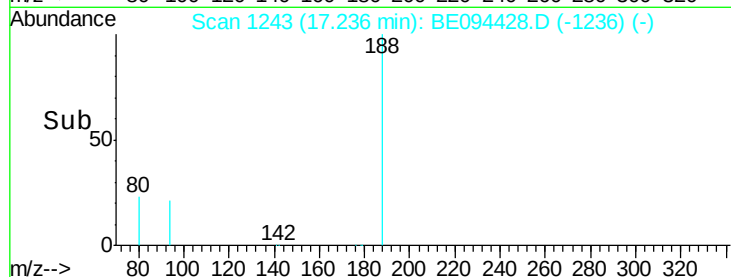
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.000 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.16 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

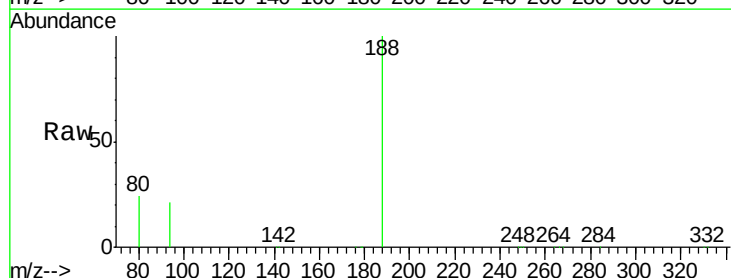
Tgt Ion:178 Resp: 305

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

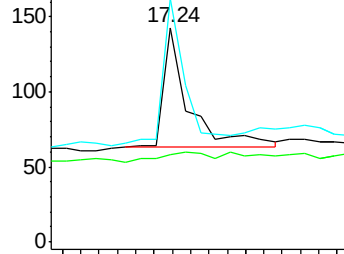
179 100.0 13.0 19.6#



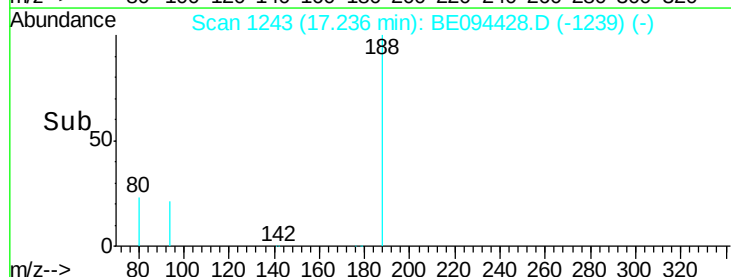
Abundance Ion 178.00 (177.70 to 178.70): E

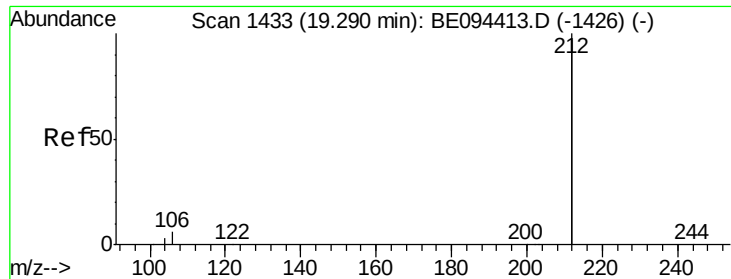
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.23 min Scan# 1426

Delta R.T. -0.06 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

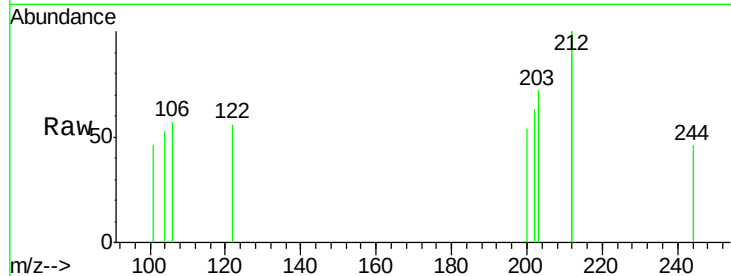
Tgt Ion:212 Resp: 37

Ion Ratio Lower Upper

212 100

106 16.2 2.8 4.2#

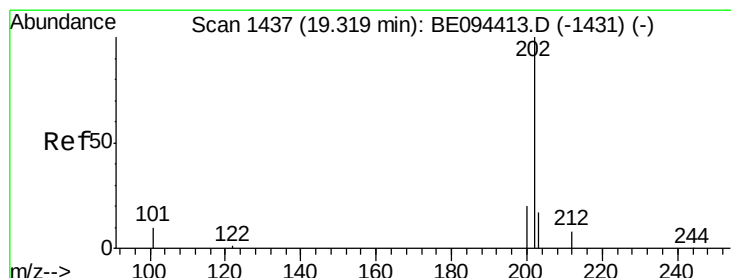
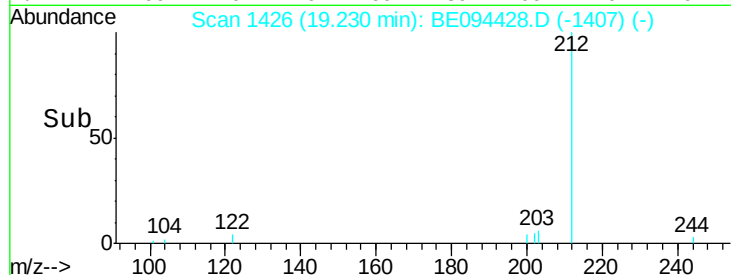
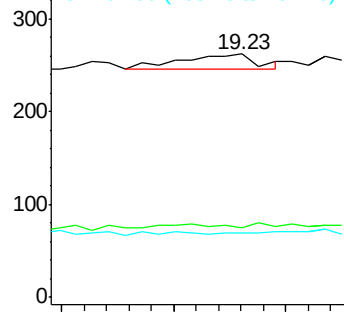
104 0.0 1.6 2.4#



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



#26

Fluoranthene

Concen: 0.000 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

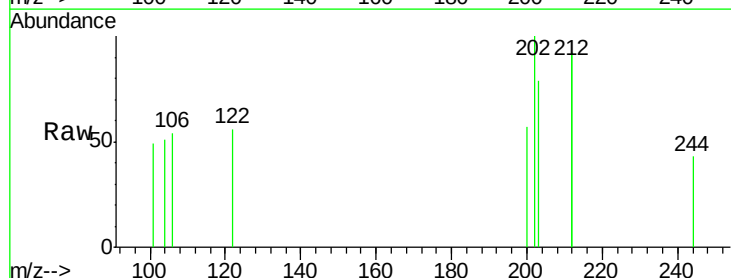
Tgt Ion:202 Resp: 111

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

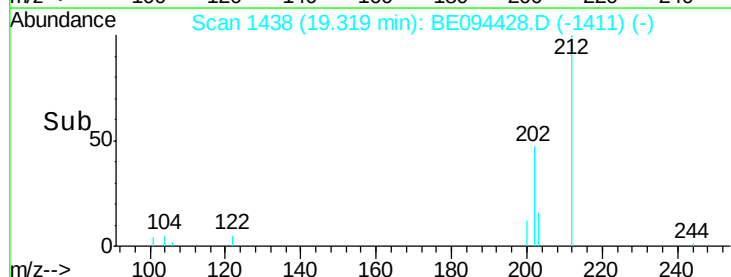
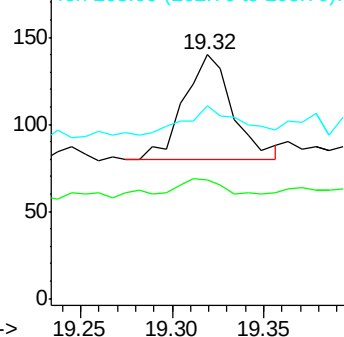
203 29.7 13.7 20.5#

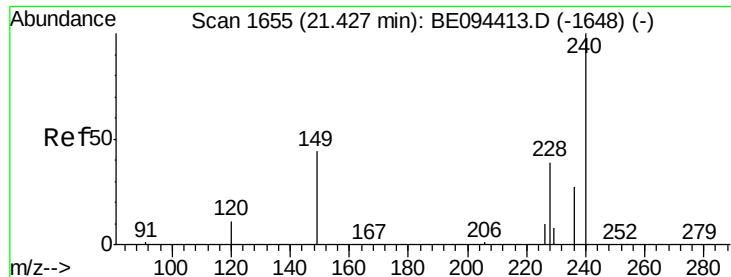


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

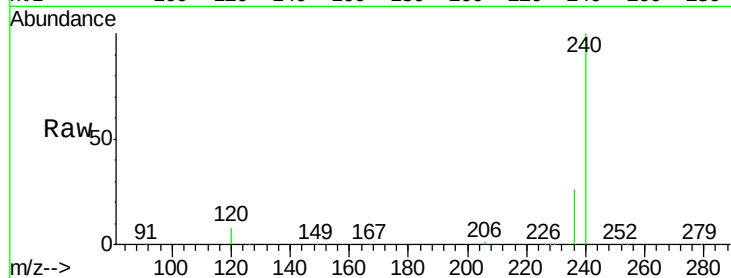
Tgt Ion:240 Resp: 429699

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

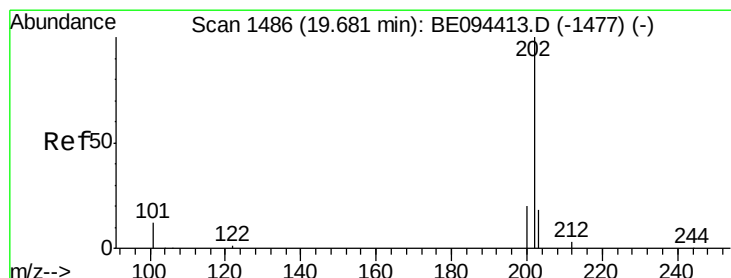
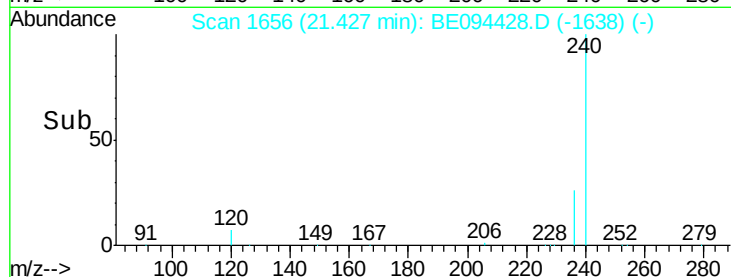
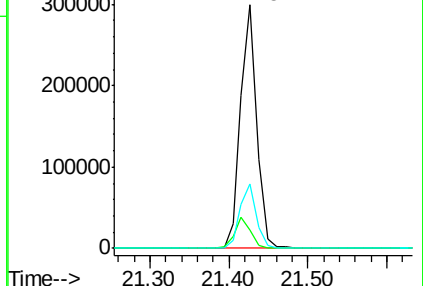
236 26.3 20.7 31.1



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



#28

Pyrene

Concen: 0.000 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

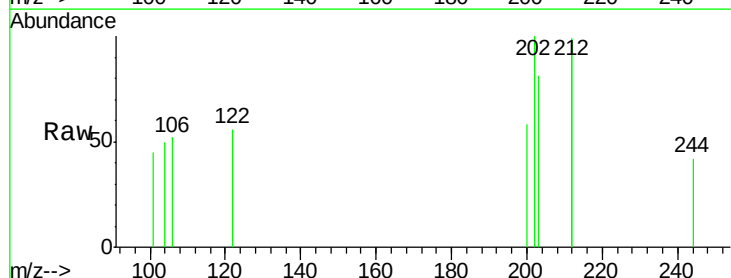
Tgt Ion:202 Resp: 147

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

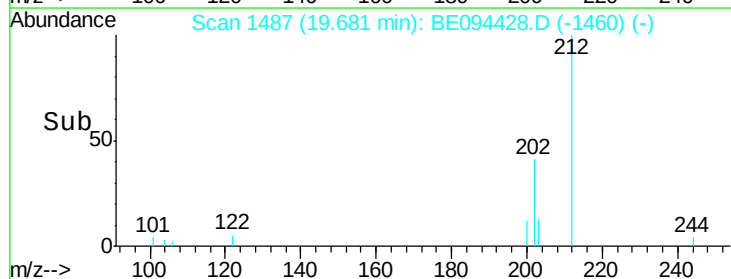
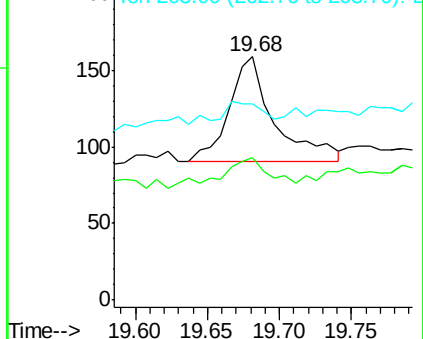
203 0.0 13.8 20.8#

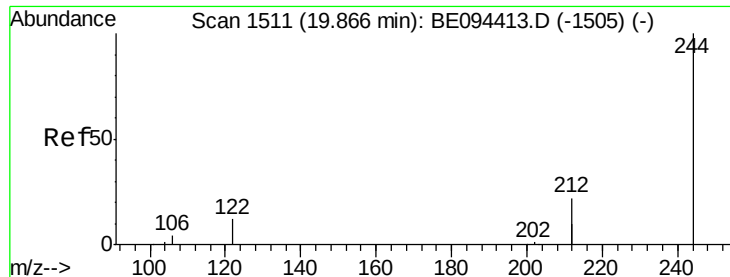


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.625 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

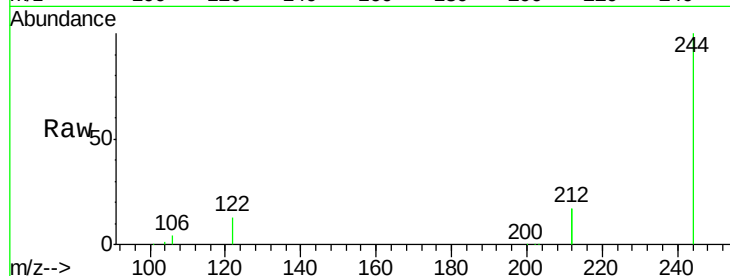
Tgt Ion:244 Resp: 1409141

Ion Ratio Lower Upper

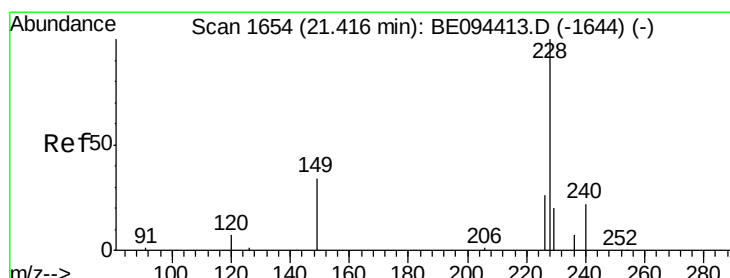
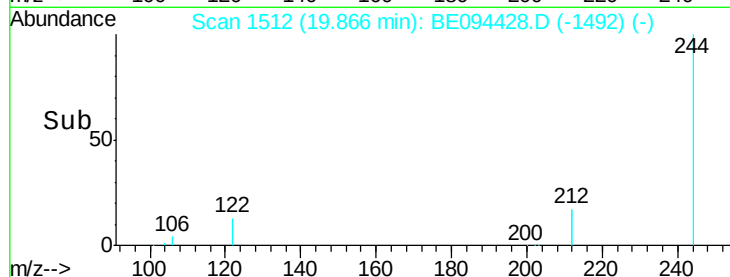
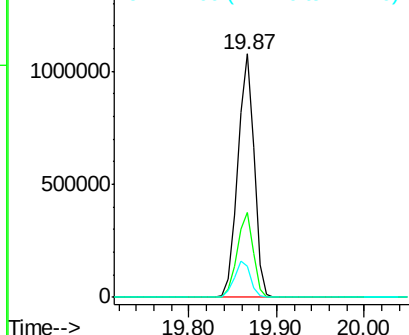
244 100

212 34.8 25.4 38.0

122 12.6 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



#30

Benzo(a)anthracene

Concen: 0.001 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

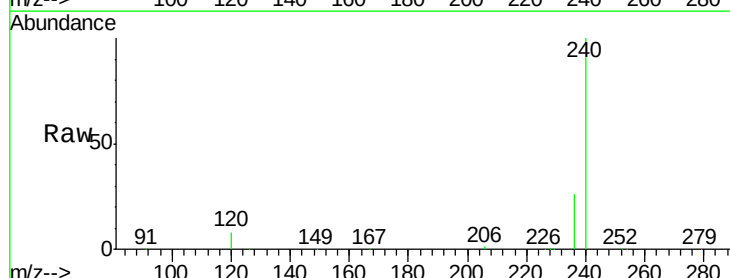
Tgt Ion:228 Resp: 1491

Ion Ratio Lower Upper

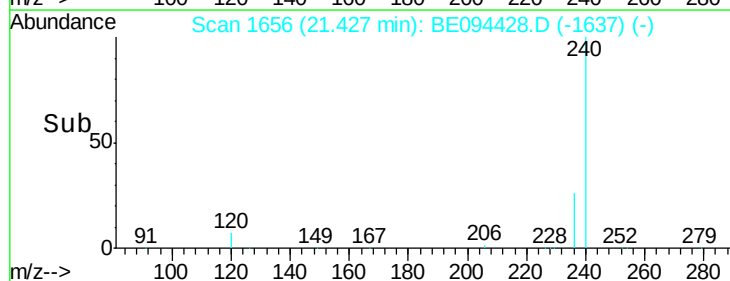
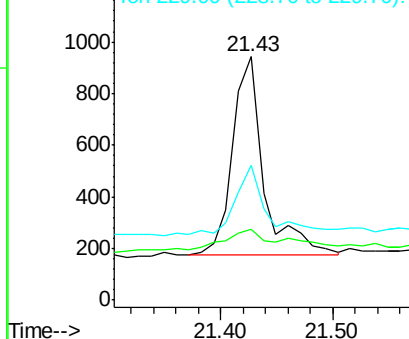
228 100

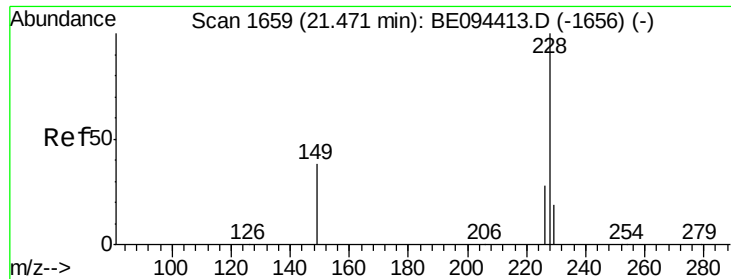
226 29.3 40.0 60.0#

229 55.2 40.0 60.0



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

Chrysene

Concen: 0.001 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.04 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

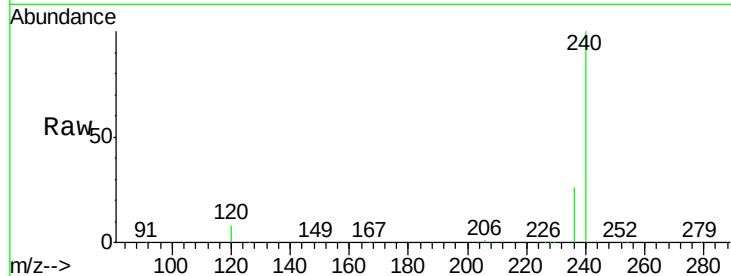
Tgt Ion: 228 Resp: 1499

Ion Ratio Lower Upper

228 100

226 29.3 40.0 60.0#

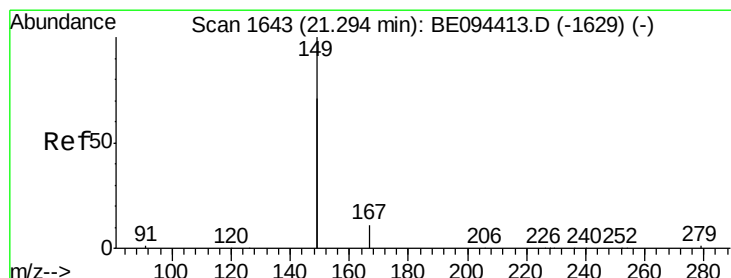
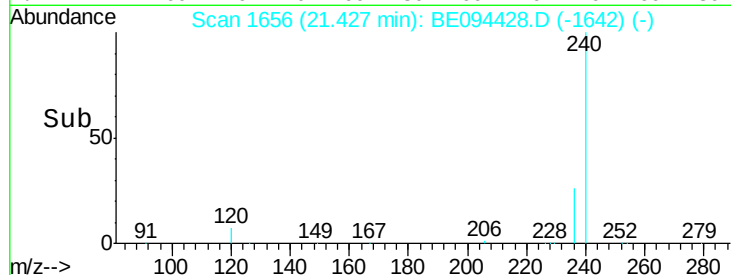
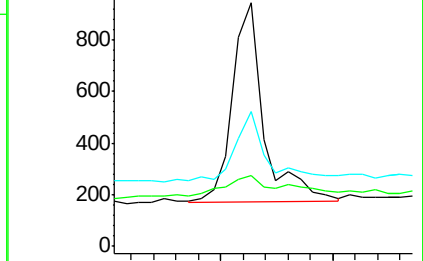
229 55.2 40.0 60.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.000 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

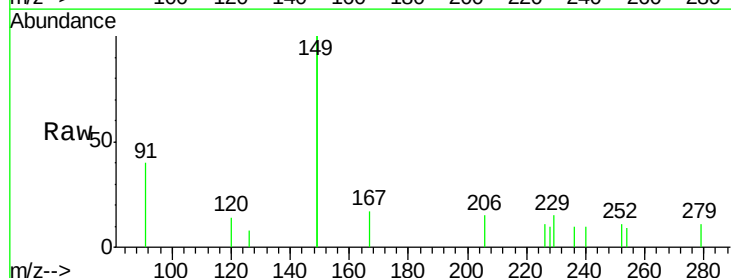
Tgt Ion: 149 Resp: 1953

Ion Ratio Lower Upper

149 100

167 6.0 5.4 8.0

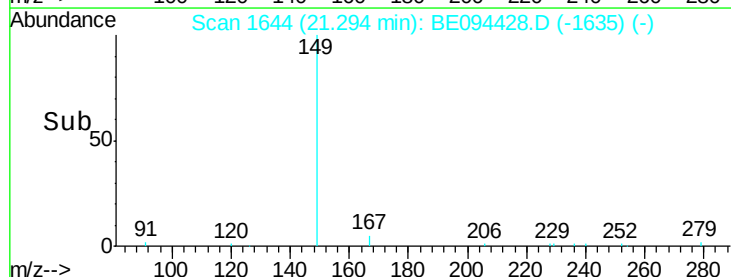
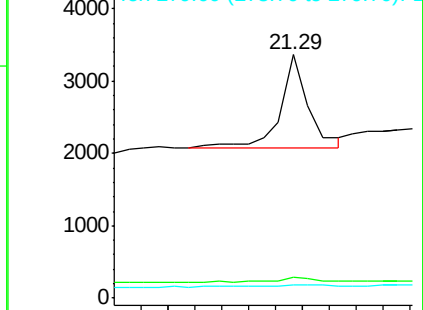
279 4.9 0.7 1.1#

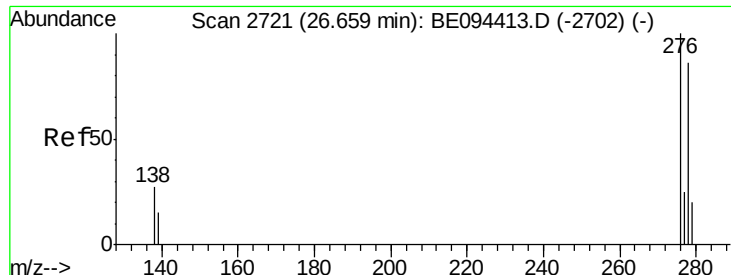


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.66 min Scan# 2722

Delta R.T. 0.00 min

Lab File: BE094428.D

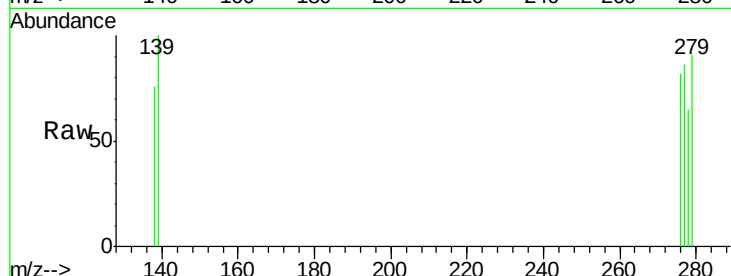
Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL



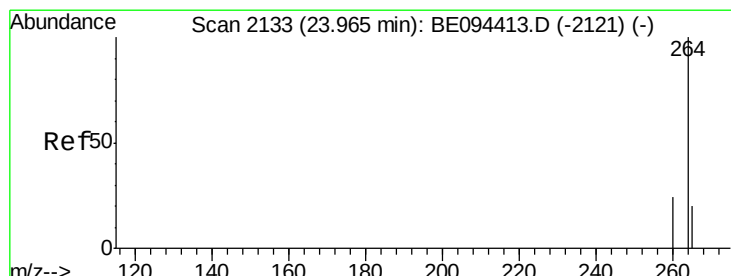
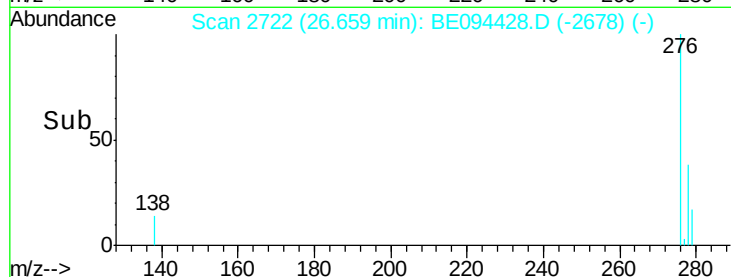
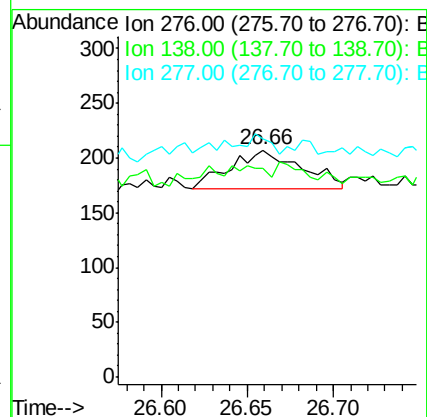
Tgt Ion:276 Resp: 100

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

277 12.0 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

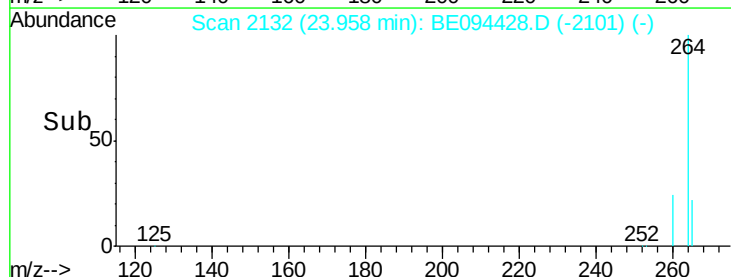
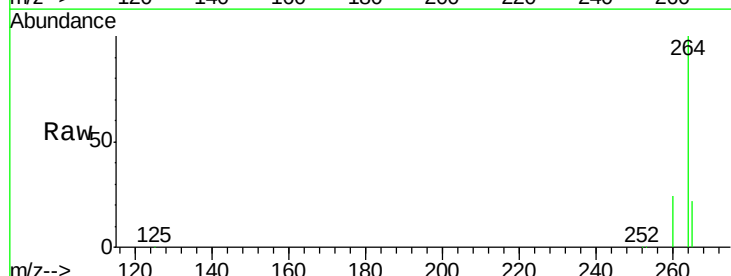
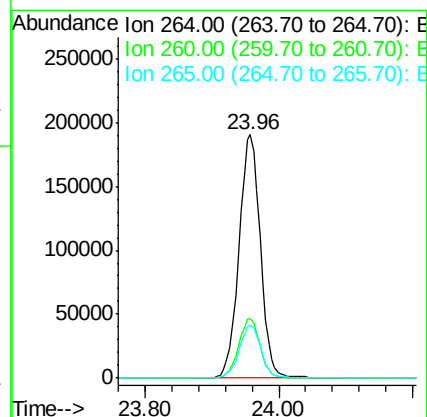
Tgt Ion:264 Resp: 421554

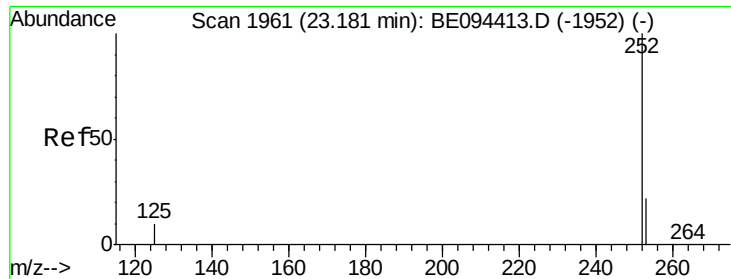
Ion Ratio Lower Upper

264 100

260 24.5 20.5 30.7

265 21.8 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.000 ng

RT: 23.18 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

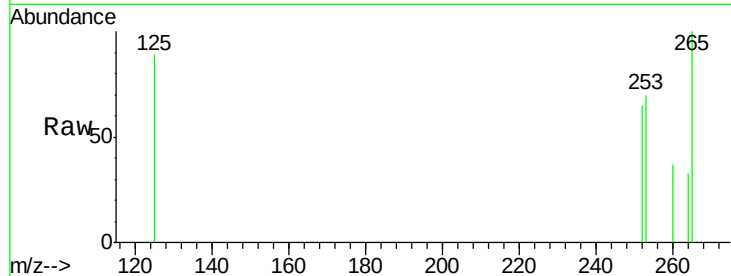
Tgt Ion:252 Resp: 281

Ion Ratio Lower Upper

252 100

253 108.5 48.0 72.0#

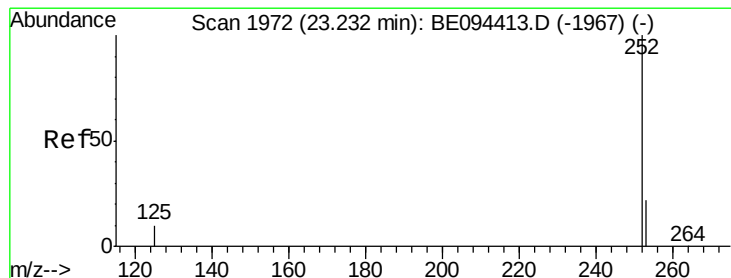
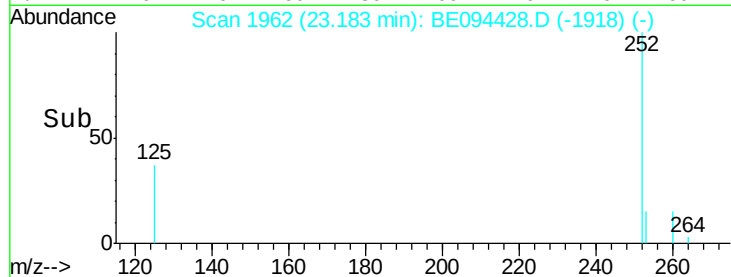
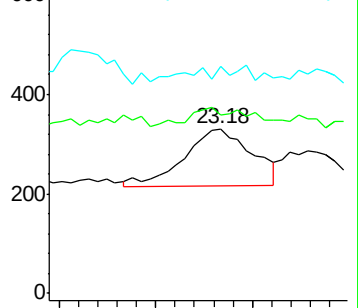
125 138.1 56.0 84.0#



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(k)fluoranthene

Concen: 0.000 ng

RT: 23.23 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

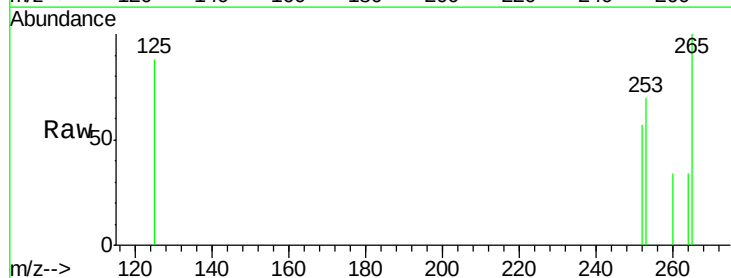
Tgt Ion:252 Resp: 150

Ion Ratio Lower Upper

252 100

253 122.3 48.0 72.0#

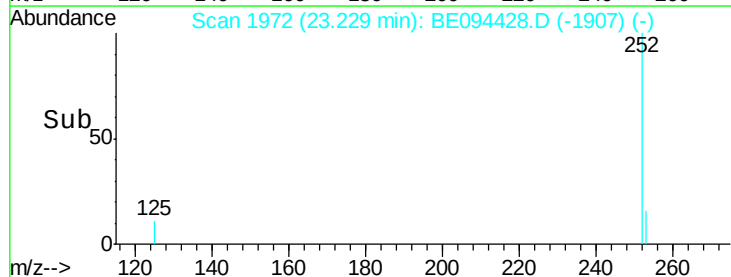
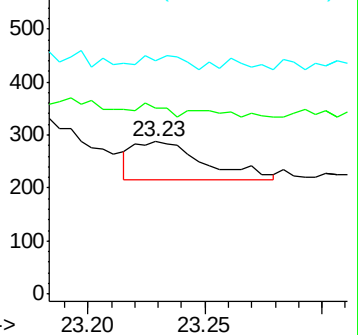
125 153.3 56.0 84.0#

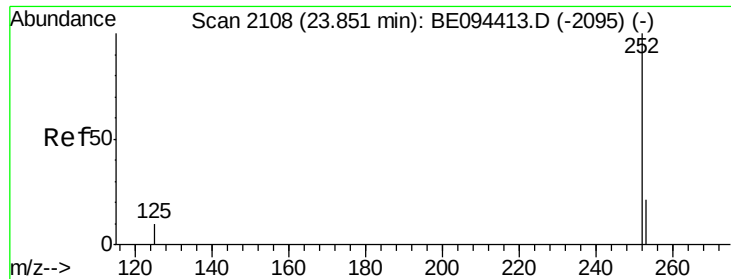


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.84 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

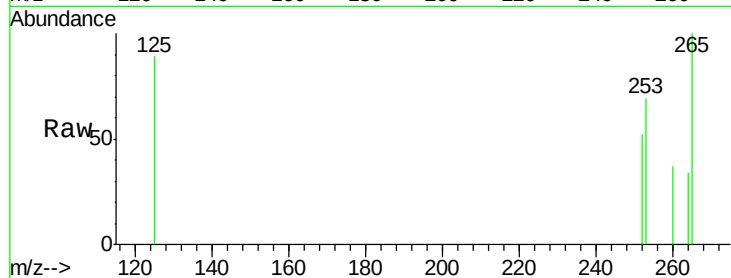
Tgt Ion: 252 Resp: 92

Ion Ratio Lower Upper

252 100

253 133.1 52.0 78.0#

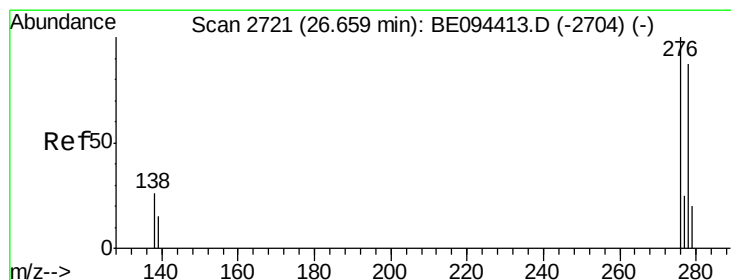
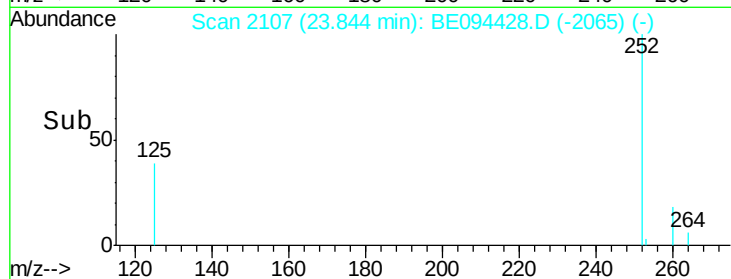
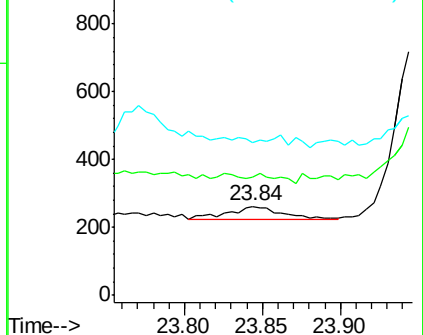
125 171.5 68.0 102.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.65 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

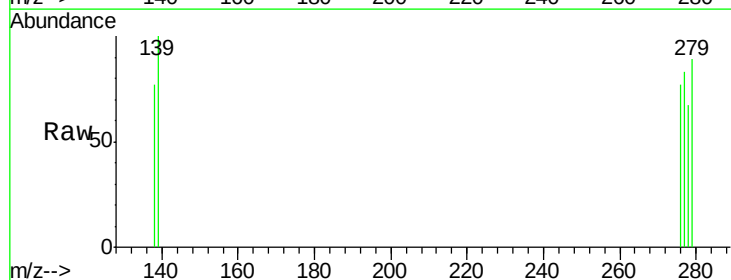
Tgt Ion: 278 Resp: 13

Ion Ratio Lower Upper

278 100

139 148.2 56.0 84.0#

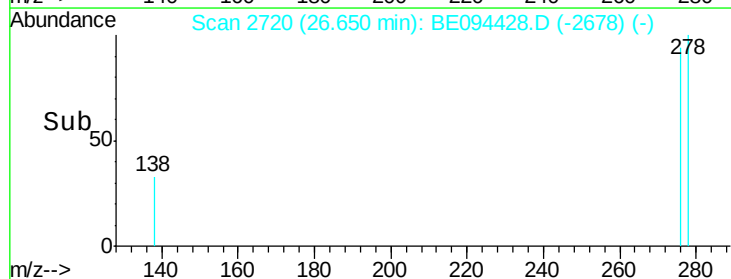
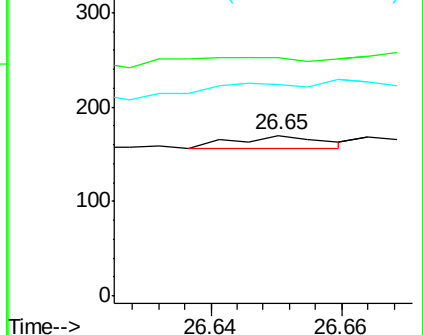
279 131.8 52.0 78.0#

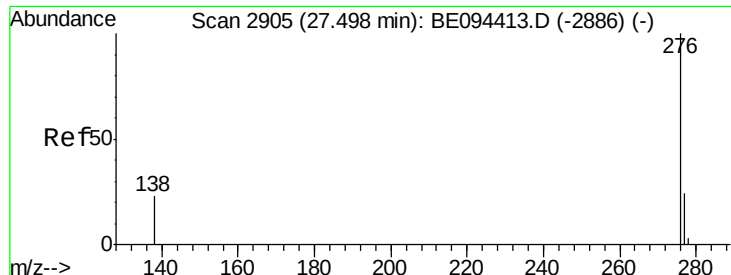


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.49 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BE094428.D

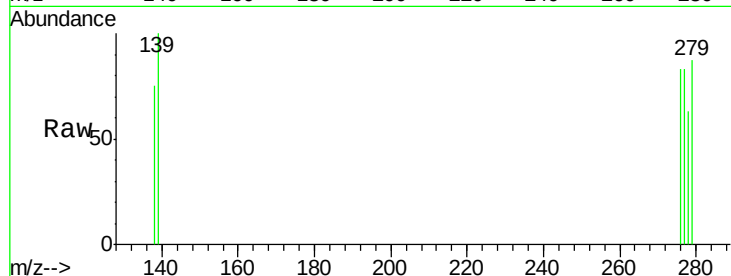
Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL



Tgt Ion: 276 Resp: 48

Ion Ratio Lower Upper

276 100

277 100.5 52.0 78.0#

138 90.2 44.0 66.0#

