

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
 Data File : BE094420.D
 Acq On : 16 Oct 2017 16:53
 Operator : SJ/JU
 Sample : I5266-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 16 18:41:09 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	1425	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	7092	0.40	ng	-0.02
13) Acenaphthene-d10	14.53	164	3940	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	6841	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9050	0.40	ng	0.00
34) Perylene-d12	23.96	264	8825	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	759806	157.78	ng	0.00
5) Phenol-d6	7.11	99	1170808	155.89	ng	-0.01
8) Nitrobenzene-d5	9.06	82	770920	125.09	ng	-0.02
11) 2-Methylnaphthalene-d10	12.24	152	3	0.00	ng	-0.05
14) 2,4,6-Tribromophenol	16.03	330	271276	180.73	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1533840	109.06	ng	0.00
25) Fluoranthene-d10	19.26	212	35	0.00	ng	-0.03
29) Terphenyl-d14	19.87	244	1794728	98.28	ng	0.00

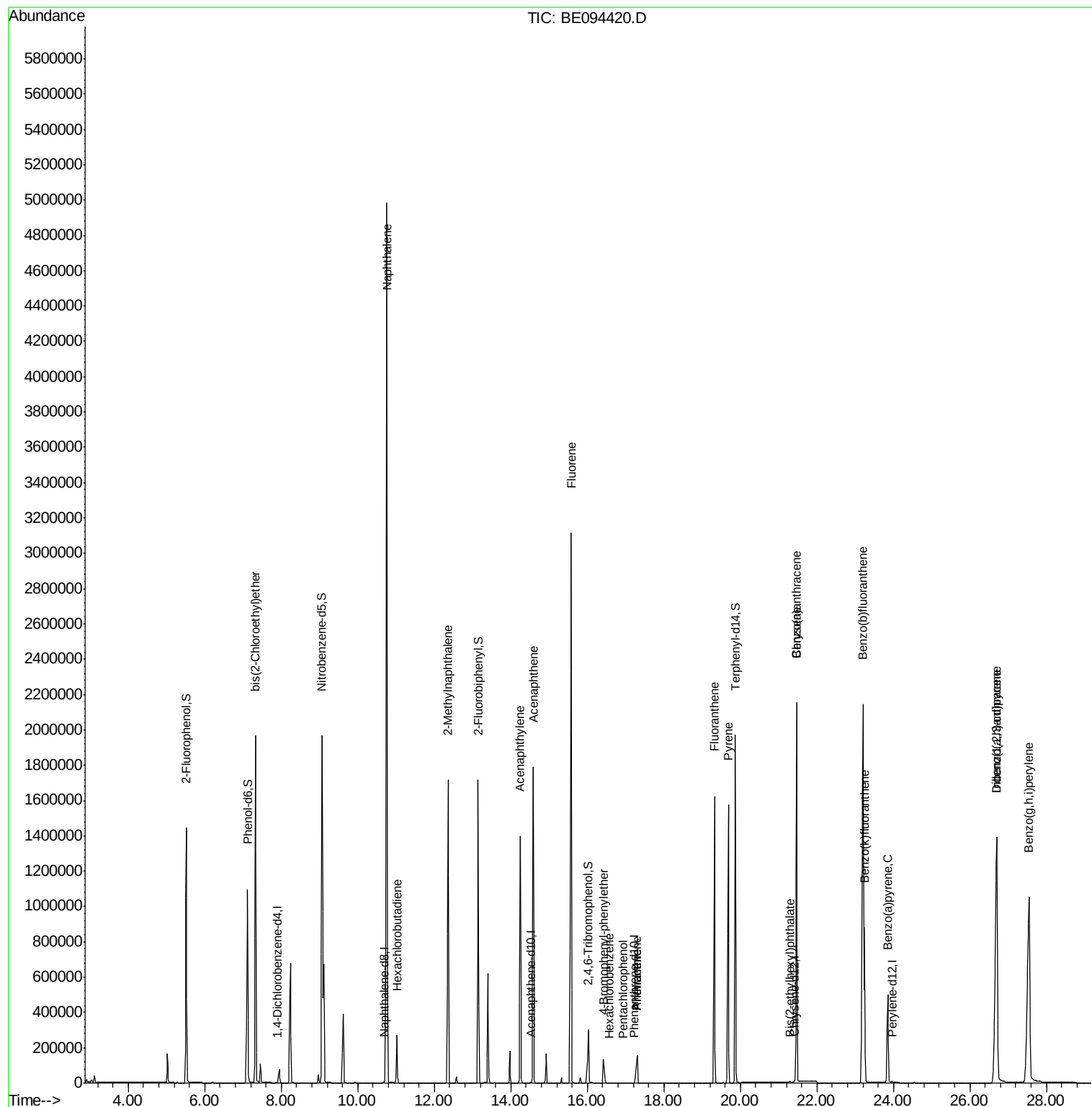
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	23	Below Cal	#	16
6) bis(2-Chloroethyl)ether	7.33	93	679723	122.371	ng	99
9) Naphthalene	10.76	128	9622039	121.329	ng	99
10) Hexachlorobutadiene	11.03	225	216836	68.404	ng	98
12) 2-Methylnaphthalene	12.36	142	1239632	94.816	ng	97
16) Acenaphthylene	14.24	152	1495294	69.984	ng	99
17) Acenaphthene	14.58	154	884975	65.782	ng	97
18) Fluorene	15.58	166	1702259	98.113	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	81618	23.850	ng	# 12
21) Hexachlorobenzene	16.58	284	76	0.038	ng	# 38
22) Pentachlorophenol	16.94	266	18	0.181	ng	91
23) Phenanthrene	17.30	178	305199	11.334	ng	96
24) Anthracene	17.30	178	305299	14.679	ng	97
26) Fluoranthene	19.32	202	1531914	45.847	ng	99
28) Pyrene	19.68	202	1504421	44.059	ng	98
30) Benzo(a)anthracene	21.47	228	1929378	61.638	ng	# 65
31) Chrysene	21.47	228	1931427	64.103	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.29	149	5122	0.057	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.70	276	2877585	94.824	ng	96
35) Benzo(b)fluoranthene	23.21	252	3757569	125.527	ng	# 39
36) Benzo(k)fluoranthene	23.25	252	1038693	35.218	ng	# 38
37) Benzo(a)pyrene	23.85	252	807943	28.717	ng	# 31
38) Dibenzo(a,h)anthracene	26.70	278	930160	34.926	ng	# 42
39) Benzo(g,h,i)perylene	27.55	276	3135411	122.401	ng	# 52

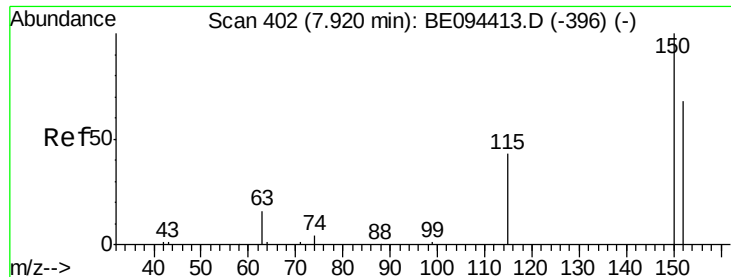
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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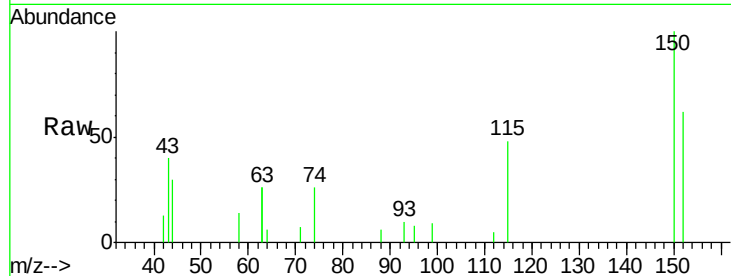


#1

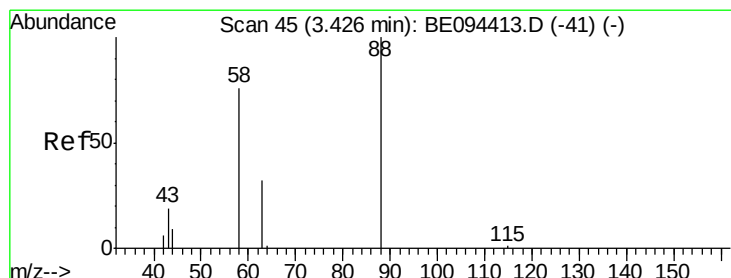
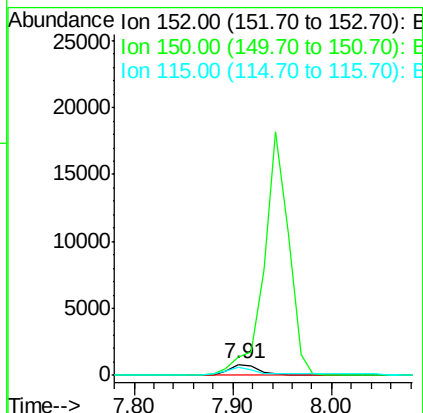
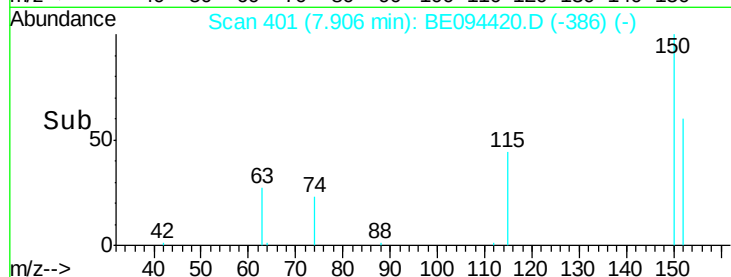
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Tgt Ion: 152 Resp: 1425
 Ion Ratio Lower Upper
 152 100
 150 160.9 117.2 175.8
 115 77.4 57.0 85.6



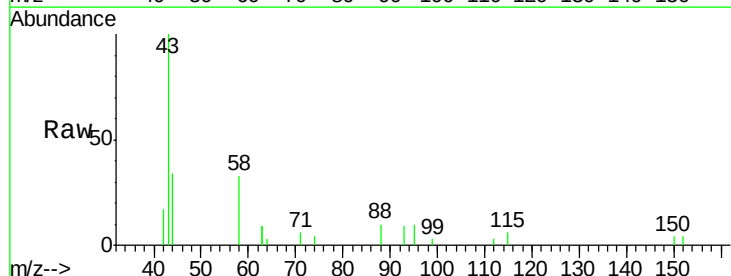
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



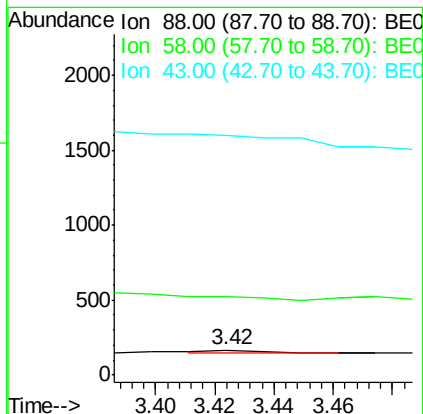
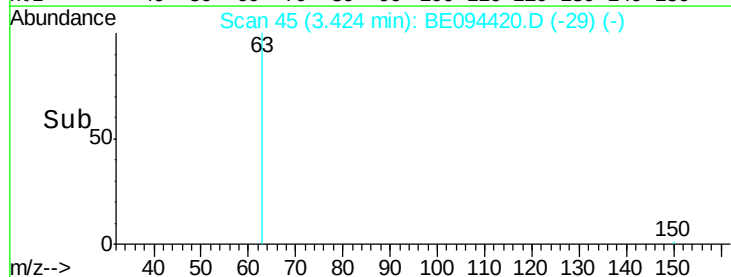
#2

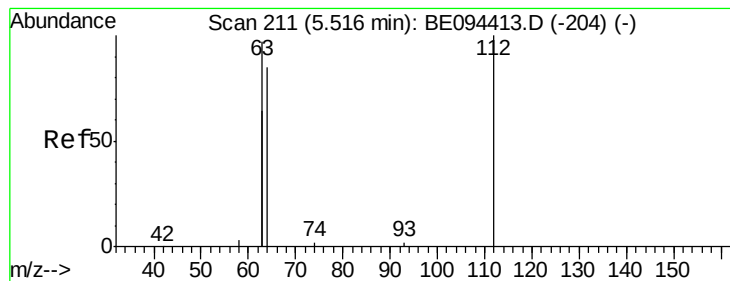
1,4-Dioxane
 Concen: Below Cal
 RT: 3.42 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 58 0.0 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: 157.777 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

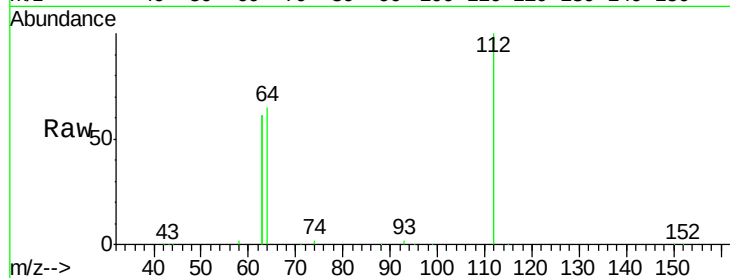
Tgt Ion: 112 Resp: 759806

Ion Ratio Lower Upper

112 100

64 71.8 60.1 90.1

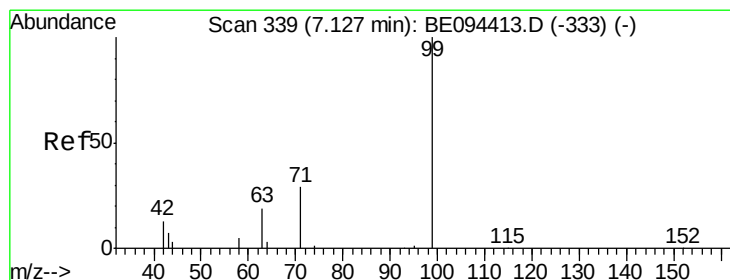
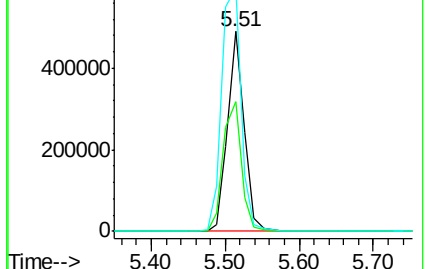
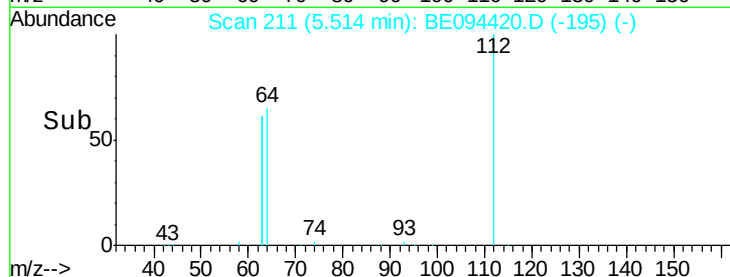
63 142.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE094420.D (-195) (-)

Ion 64.00 (63.70 to 64.70): BE094420.D (-195) (-)

Ion 63.00 (62.70 to 63.70): BE094420.D (-195) (-)



#5

Phenol-d6

Concen: 155.891 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.01 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

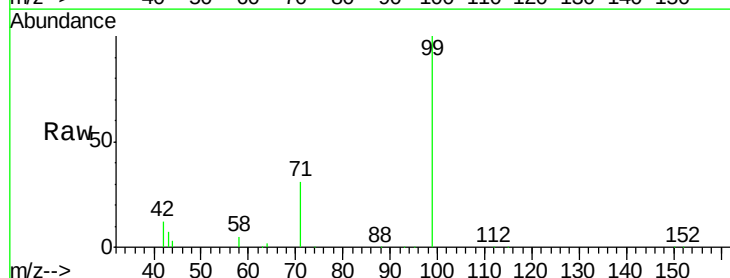
Tgt Ion: 99 Resp: 1170808

Ion Ratio Lower Upper

99 100

42 18.7 20.2 30.2#

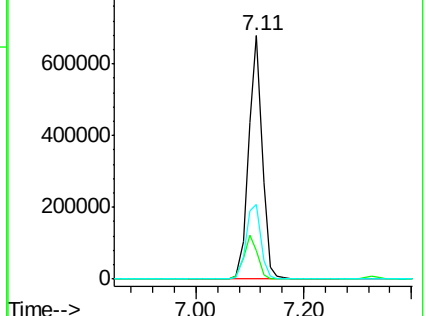
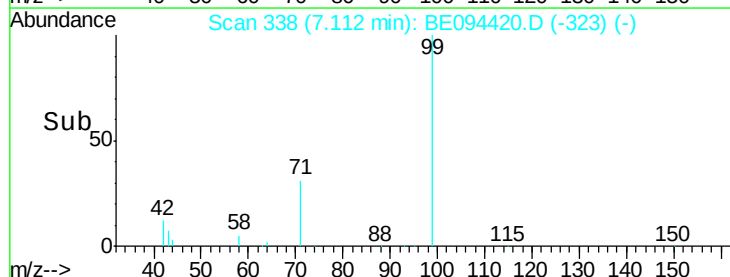
71 34.3 28.4 42.6

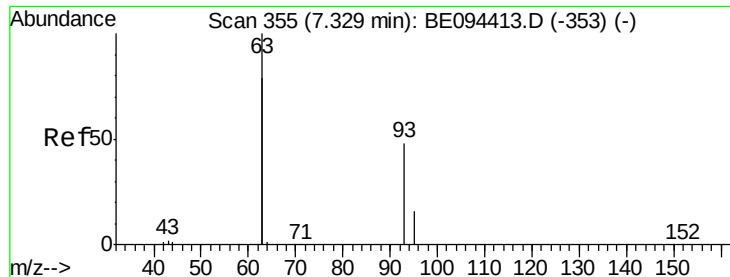


Abundance Ion 99.00 (98.70 to 99.70): BE094420.D (-323) (-)

Ion 42.00 (41.70 to 42.70): BE094420.D (-323) (-)

Ion 71.00 (70.70 to 71.70): BE094420.D (-323) (-)





#6

bis(2-Chloroethyl)ether

Concen: 122.371 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

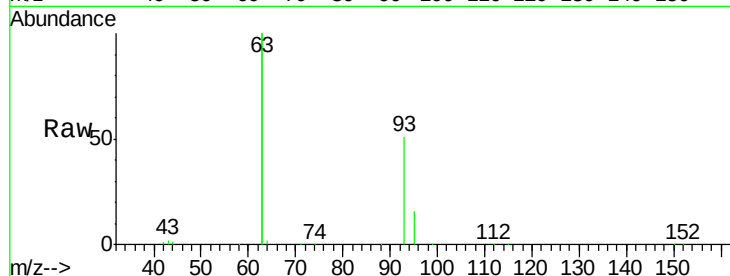
Tgt Ion: 93 Resp: 679723

Ion Ratio Lower Upper

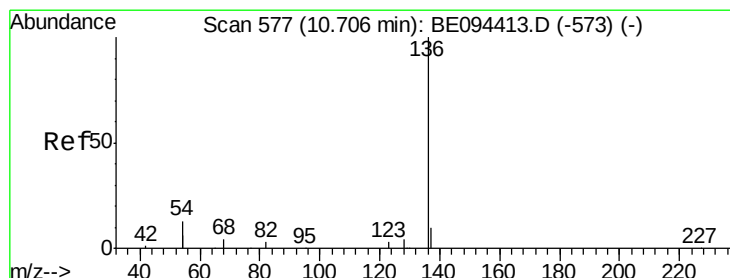
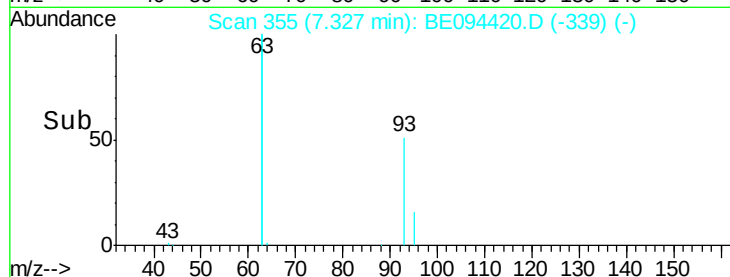
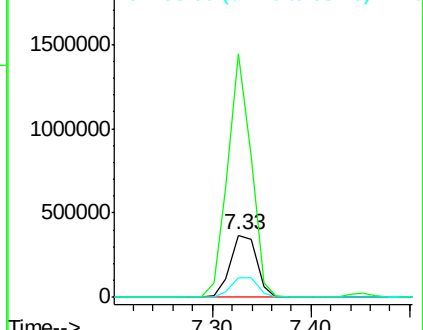
93 100

63 346.8 275.3 412.9

95 32.3 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: BE094420.D

Acq: 16 Oct 2017 16:53

Tgt Ion: 136 Resp: 7092

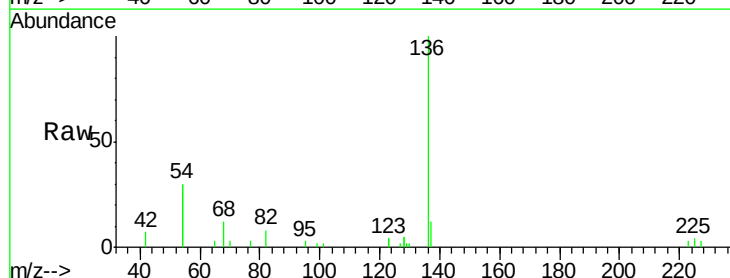
Ion Ratio Lower Upper

136 100

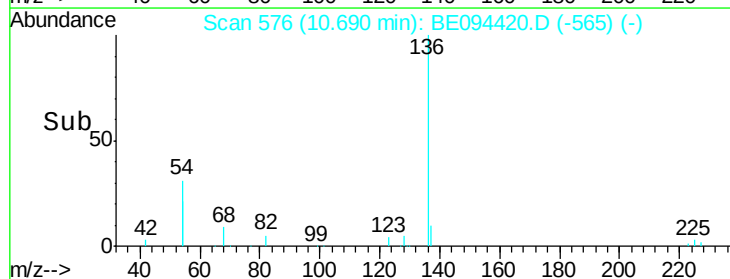
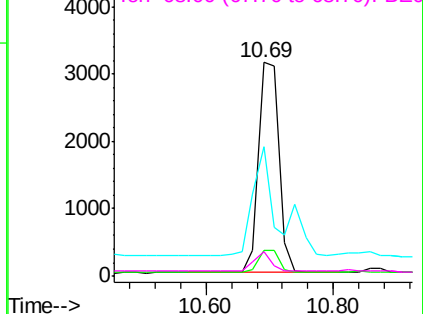
137 11.8 9.5 14.3

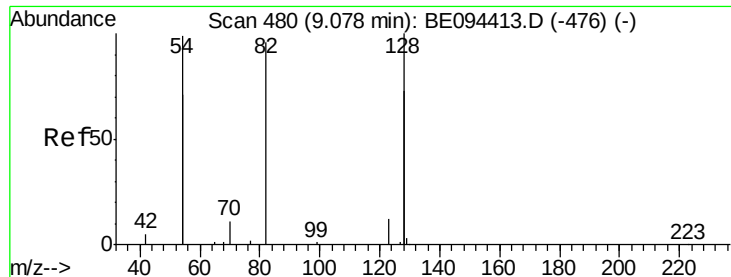
54 60.8 29.1 43.7#

68 11.7 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: 125.089 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

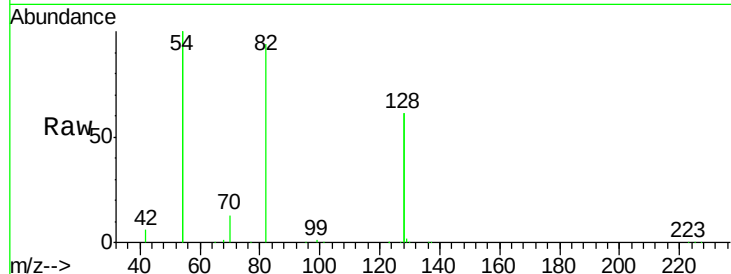
Tgt Ion: 82 Resp: 770920

Ion Ratio Lower Upper

82 100

128 129.8 150.0 225.0#

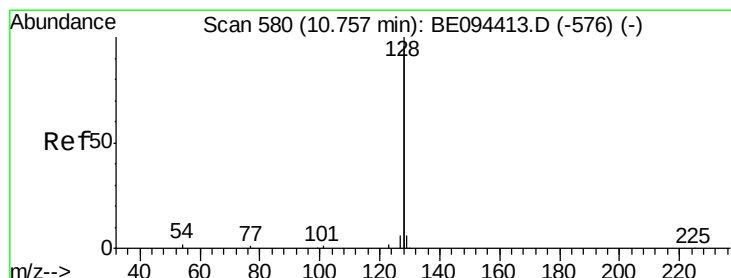
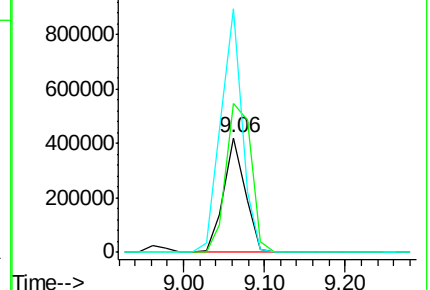
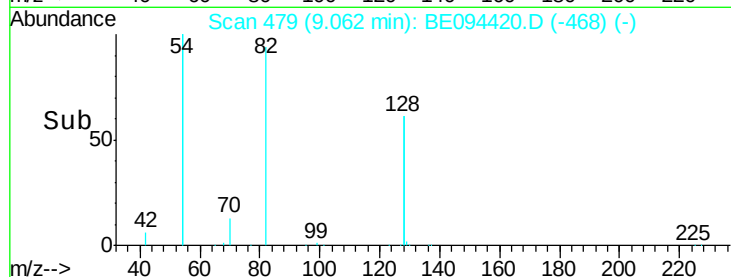
54 212.8 154.2 231.4



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



#9

Naphthalene

Concen: 121.329 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

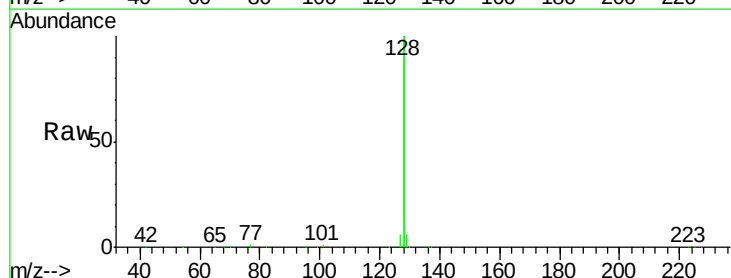
Tgt Ion: 128 Resp: 9622039

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

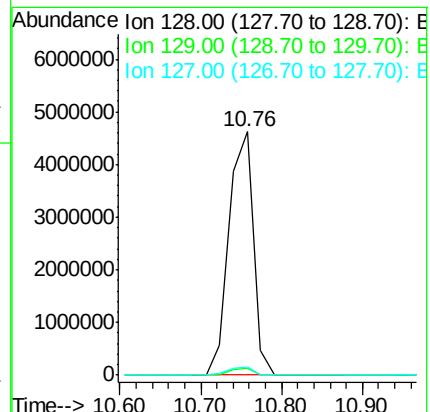
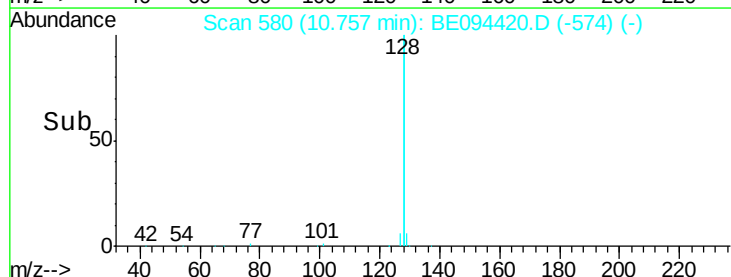
127 3.2 2.8 4.2

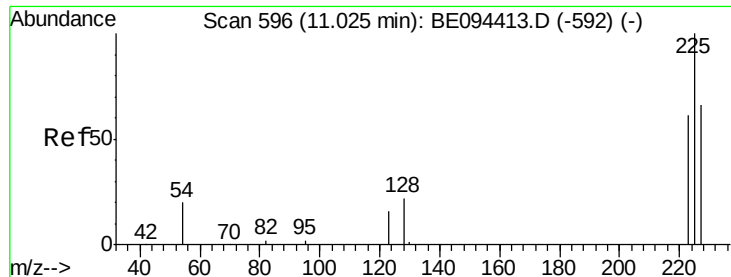


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

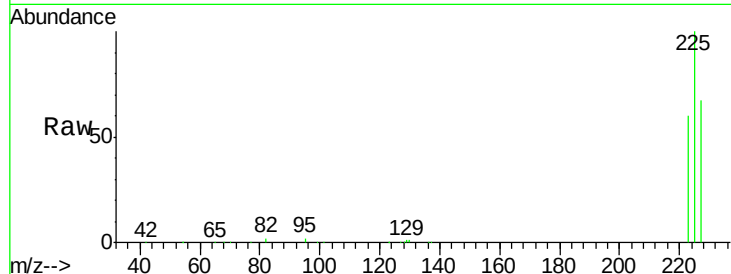




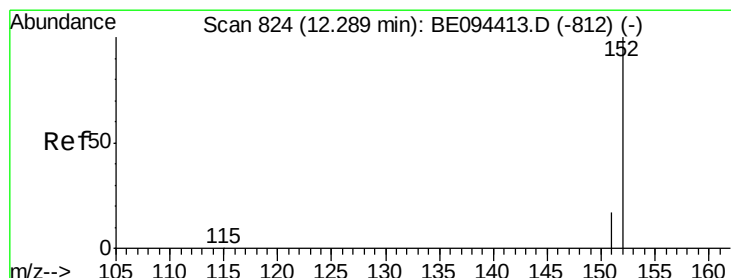
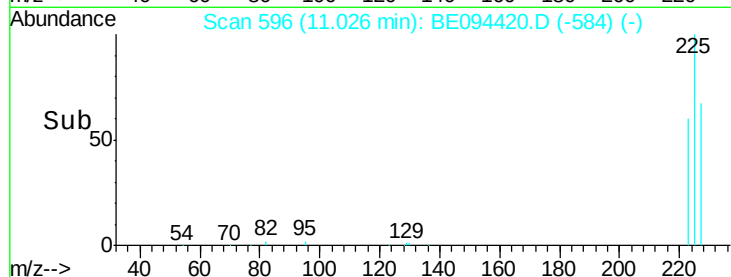
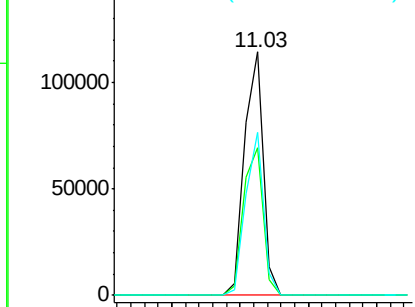
#10
Hexachlorobutadiene
Concen: 68.404 ng
RT: 11.03 min Scan# 596
Delta R.T. 0.00 min
Lab File: BE094420.D
Acq: 16 Oct 2017 16:53

Instrument :
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ClientSampleId :
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Tgt Ion: 225 Resp: 216836
Ion Ratio Lower Upper
225 100
223 63.2 53.0 79.6
227 64.2 51.4 77.2

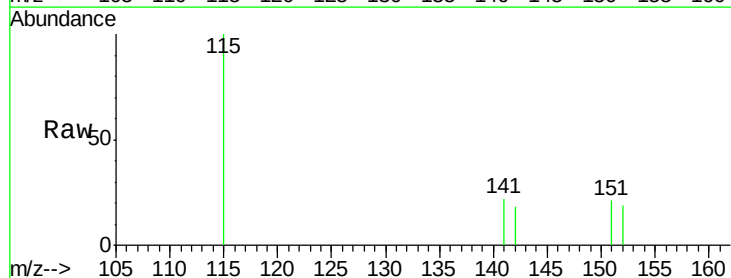


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

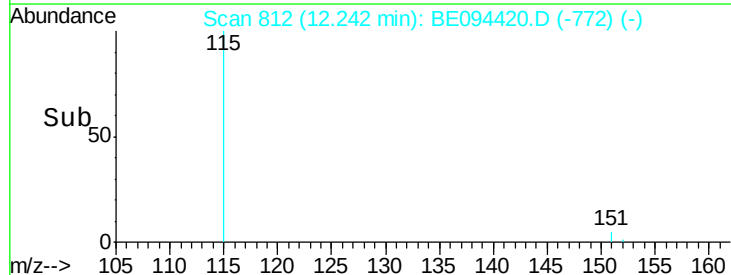
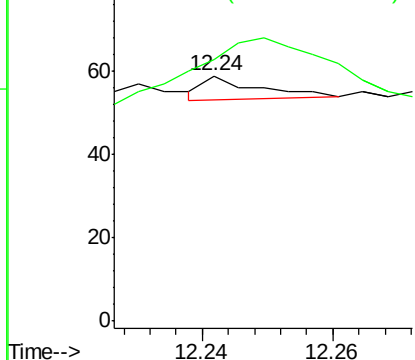


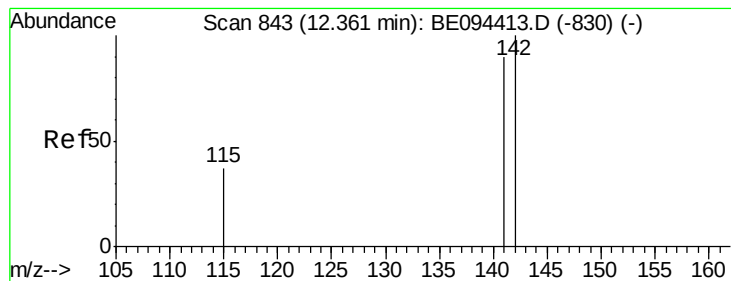
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.24 min Scan# 812
Delta R.T. -0.05 min
Lab File: BE094420.D
Acq: 16 Oct 2017 16:53

Tgt Ion: 152 Resp: 3
Ion Ratio Lower Upper
152 100
151 1233.3 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 94.816 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

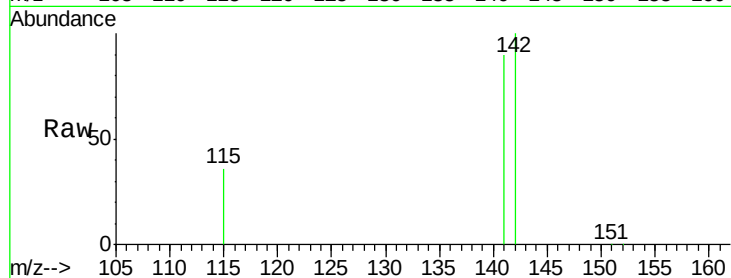
Tgt Ion:142 Resp: 1239632

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

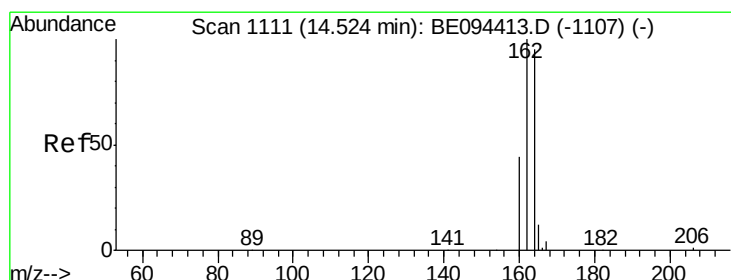
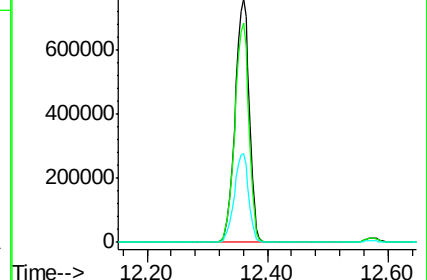
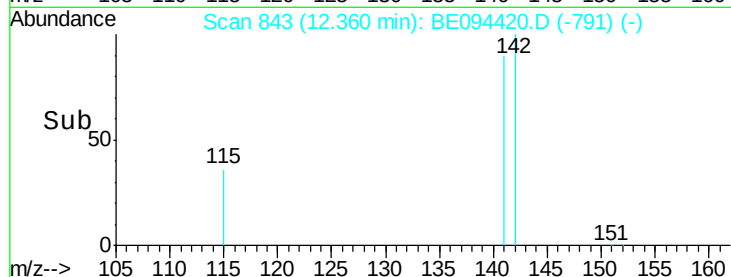
115 36.4 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

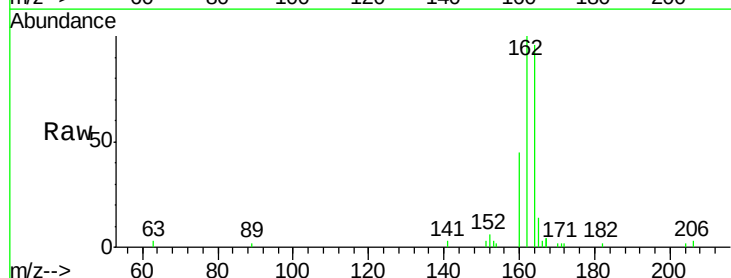
Tgt Ion:164 Resp: 3940

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

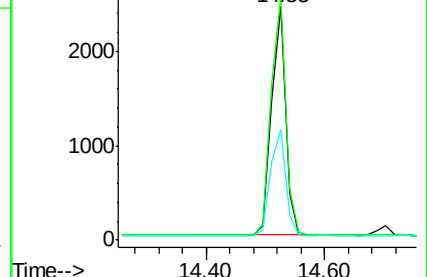
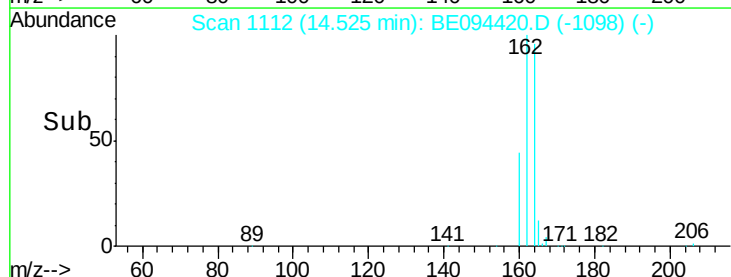
160 47.5 37.1 55.7

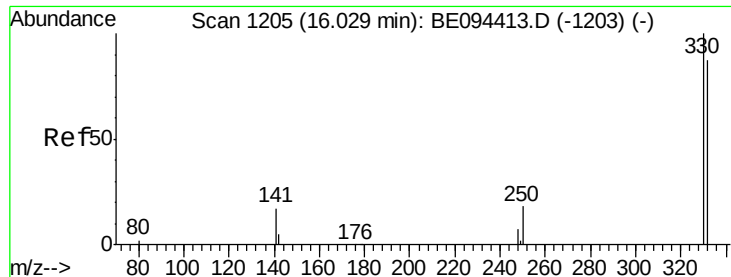


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

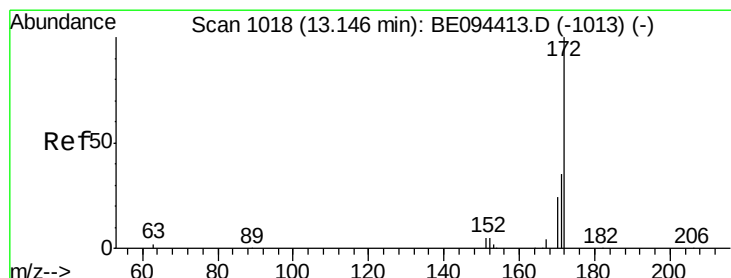
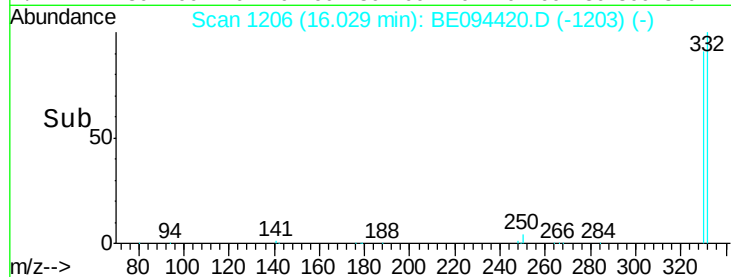
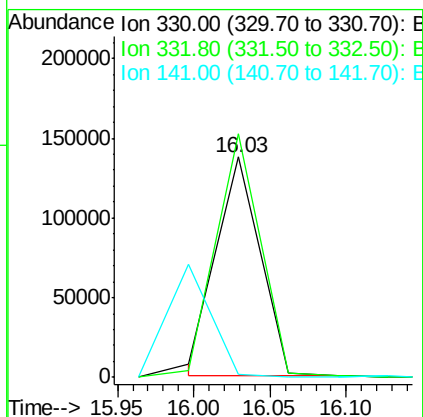
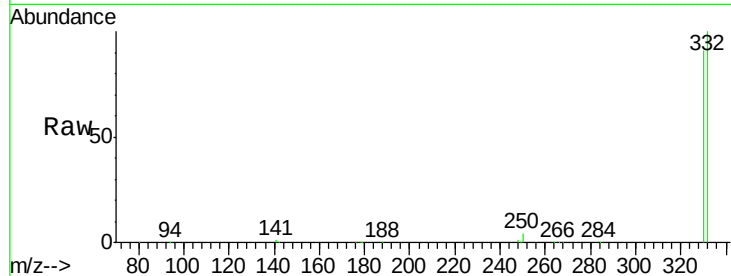




#14
 2,4,6-Tribromophenol
 Concen: 180.726 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

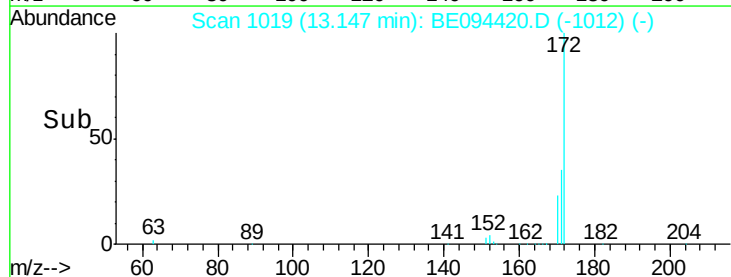
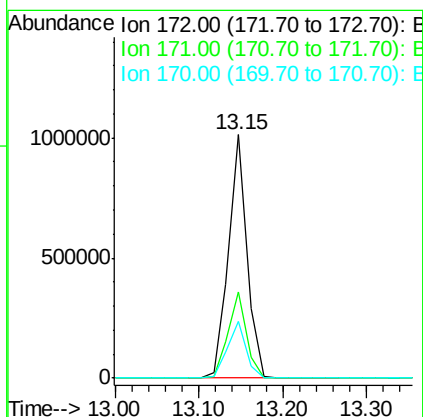
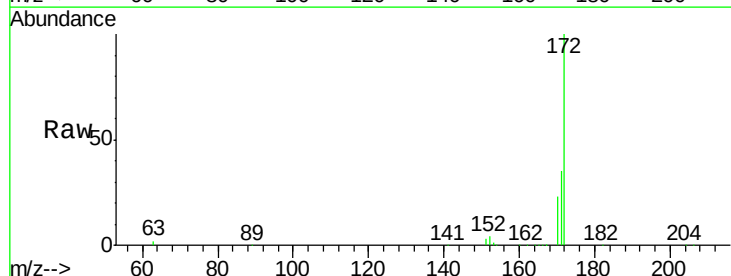
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

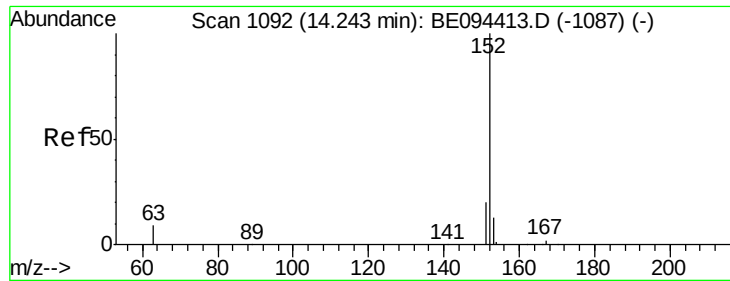
Tgt Ion:330 Resp: 271276
 Ion Ratio Lower Upper
 330 100
 332 110.5 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 109.065 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

Tgt Ion:172 Resp: 1533840
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 23.2 21.8 32.8





#16

Acenaphthylene

Concen: 69.984 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

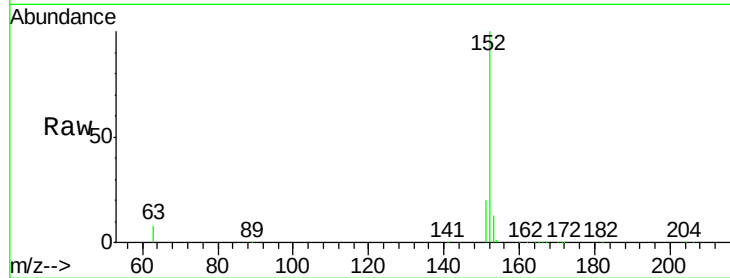
Tgt Ion:152 Resp: 1495294

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

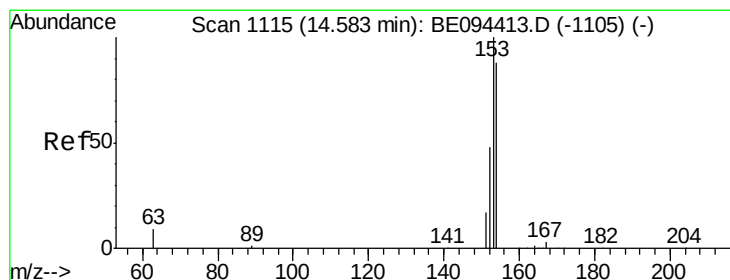
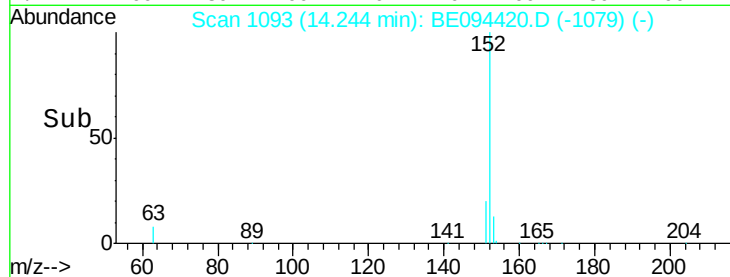
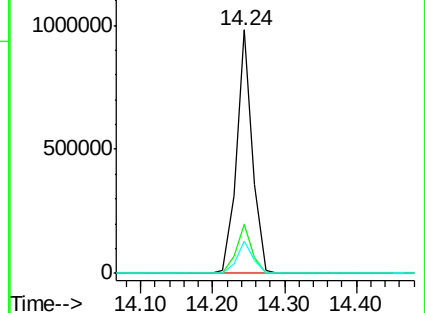
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 65.782 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

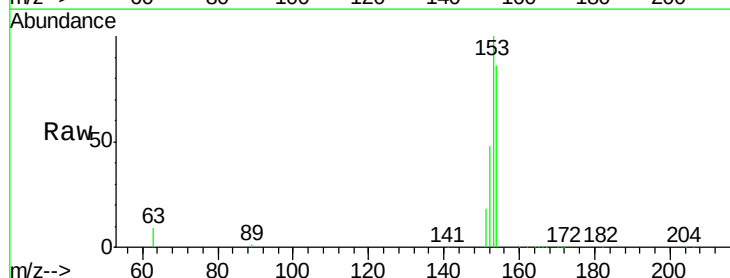
Tgt Ion:154 Resp: 884975

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

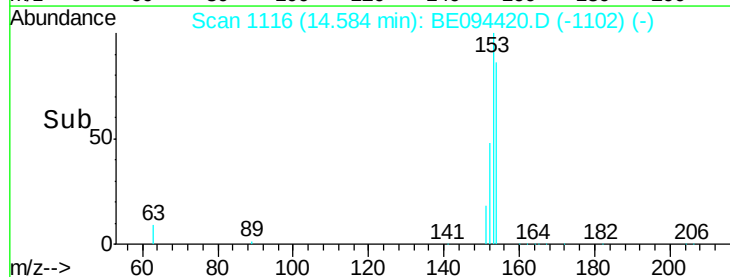
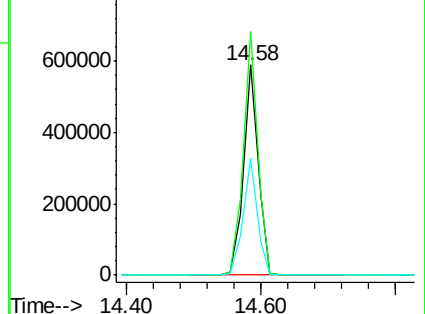
152 54.4 42.0 63.0

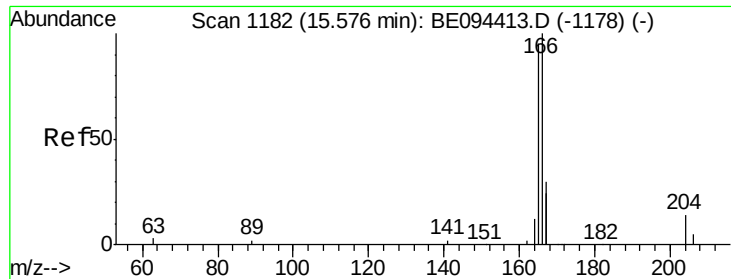


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

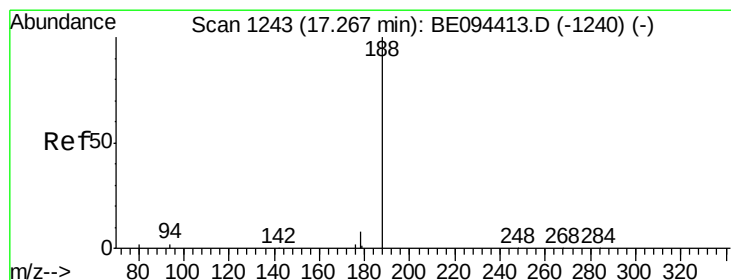
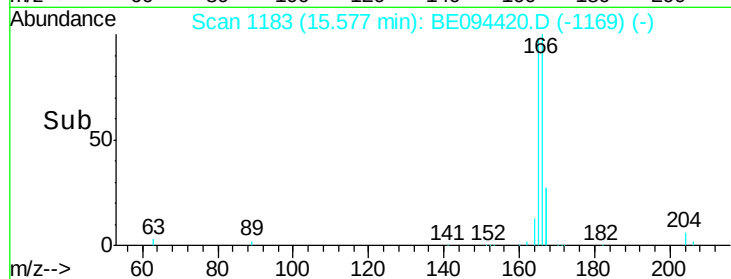
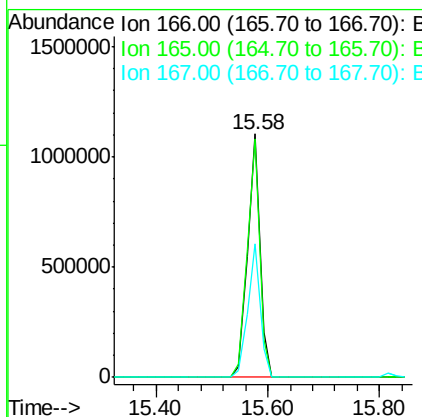
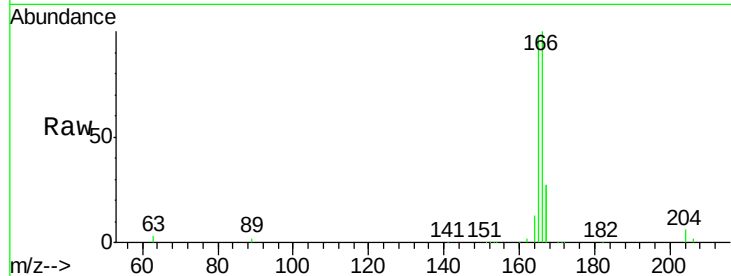




#18
 Fluorene
 Concen: 98.113 ng
 RT: 15.58 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

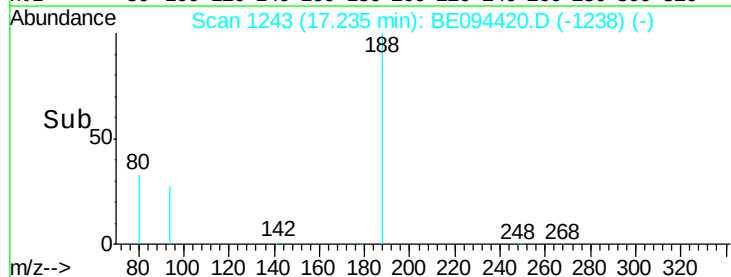
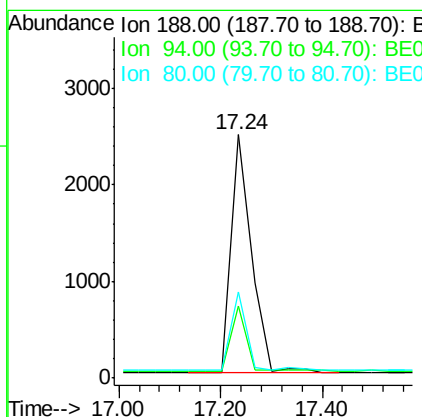
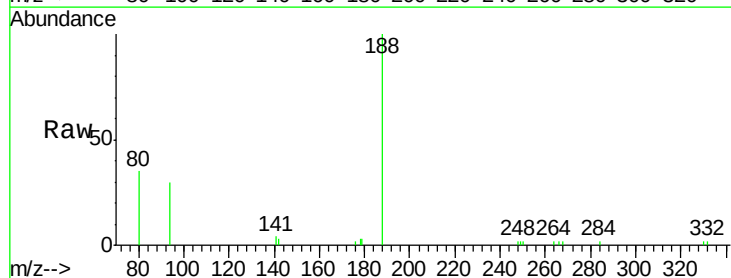
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

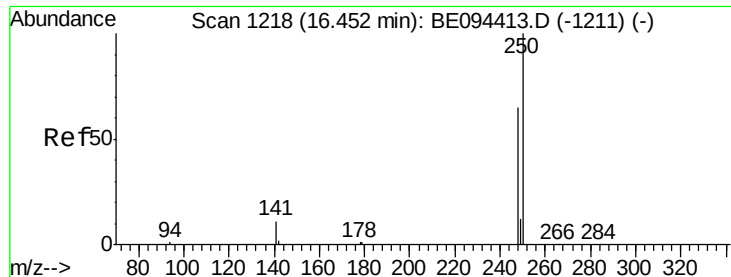
Tgt Ion:166 Resp: 1702259
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.8 116.6
 167 55.0 42.4 63.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

Tgt Ion:188 Resp: 6841
 Ion Ratio Lower Upper
 188 100
 94 29.7 3.9 5.9#
 80 35.3 3.6 5.4#





#20

4-Bromophenyl-phenylether

Concen: 23.850 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

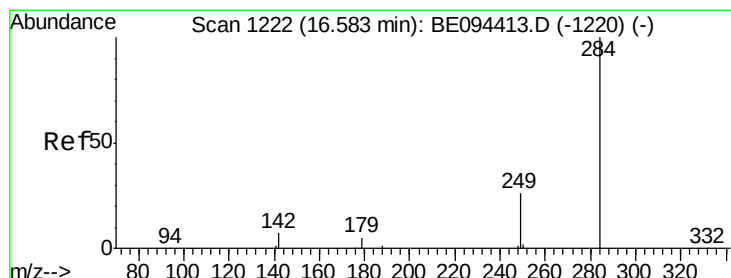
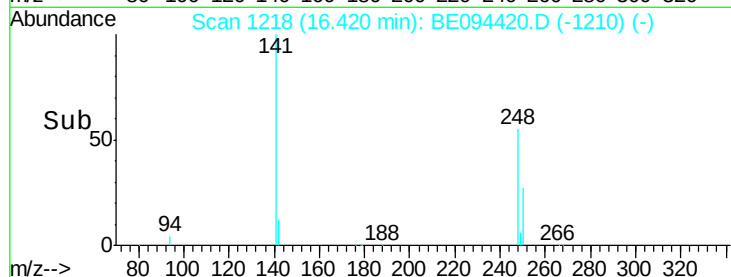
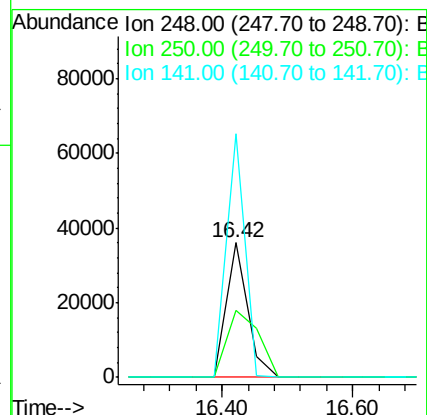
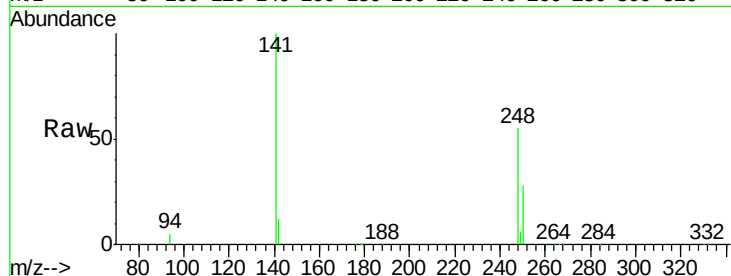
Tgt Ion:248 Resp: 81618

Ion Ratio Lower Upper

248 100

250 49.9 62.7 94.1#

141 180.8 48.2 72.2#



#21

Hexachlorobenzene

Concen: 0.038 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

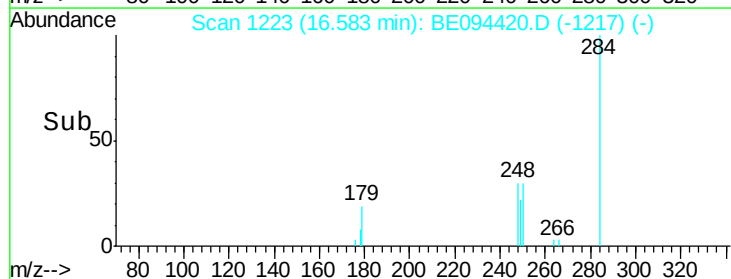
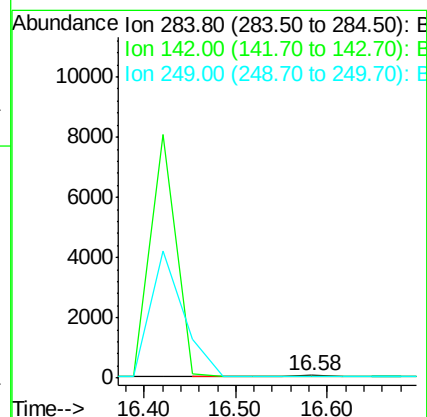
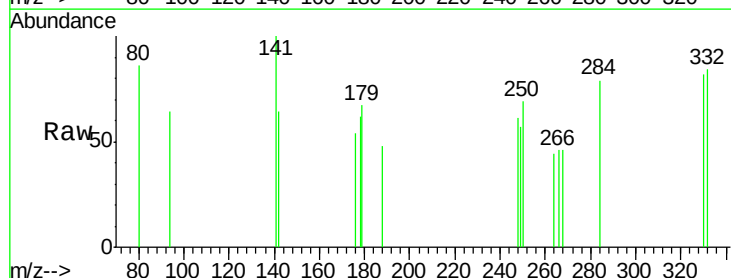
Tgt Ion:284 Resp: 76

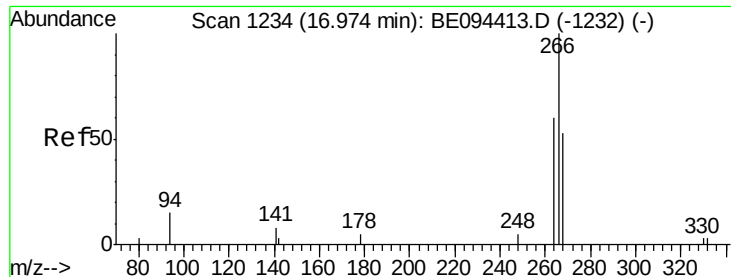
Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

249 0.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.181 ng

RT: 16.94 min Scan# 1234

Delta R.T. -0.03 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

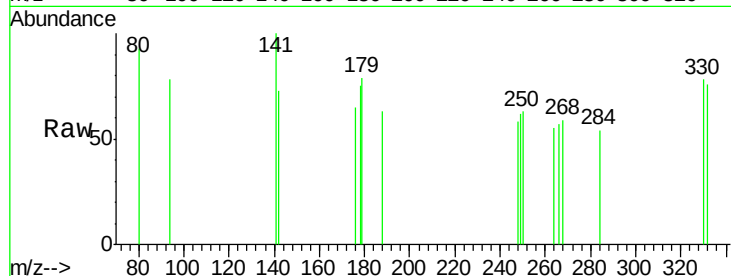
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 96.2 72.5 108.7

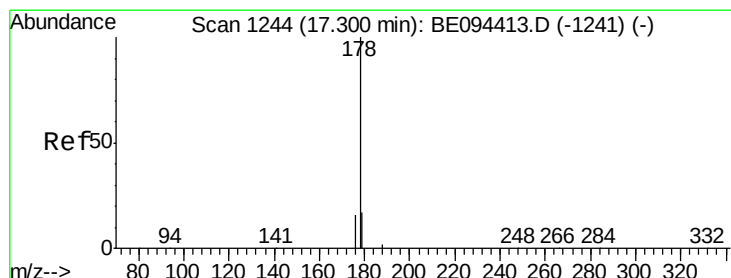
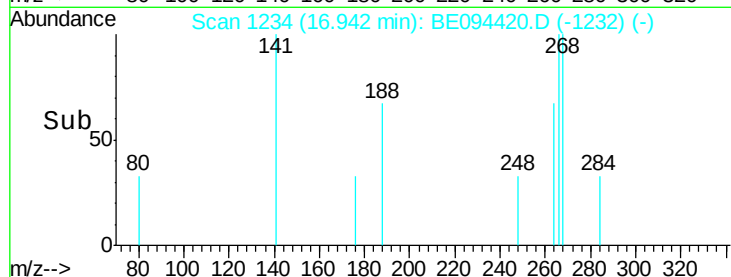
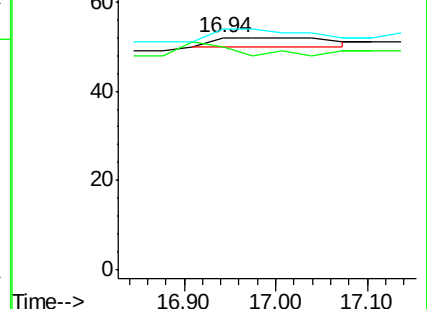
268 103.8 73.8 110.6



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: 11.334 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

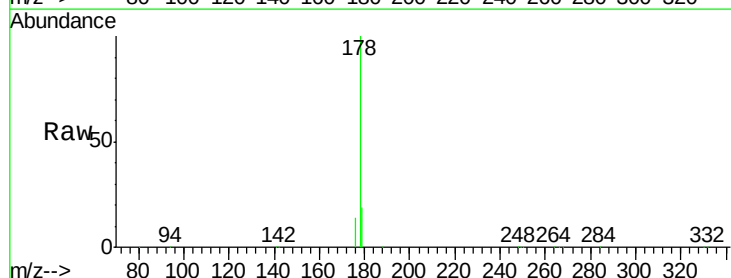
Tgt Ion:178 Resp: 305199

Ion Ratio Lower Upper

178 100

176 17.5 15.1 22.7

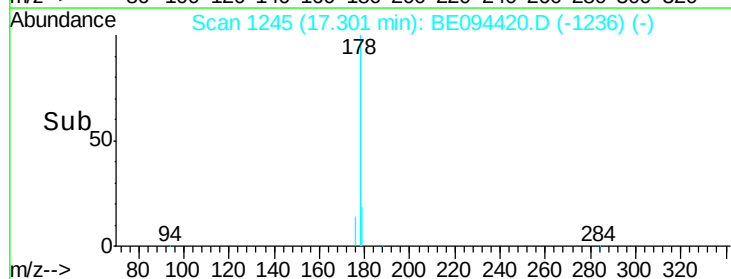
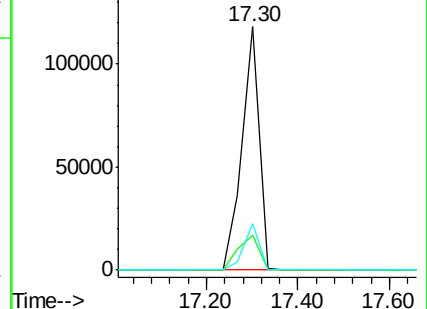
179 17.2 11.8 17.6

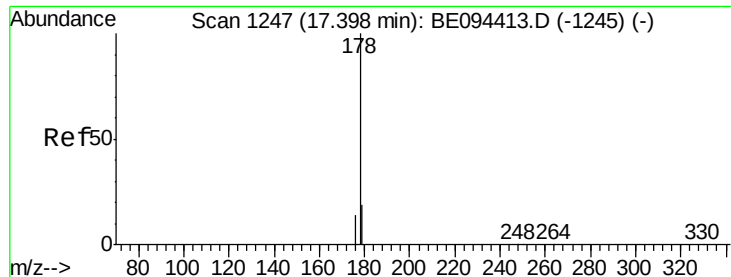


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 14.679 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

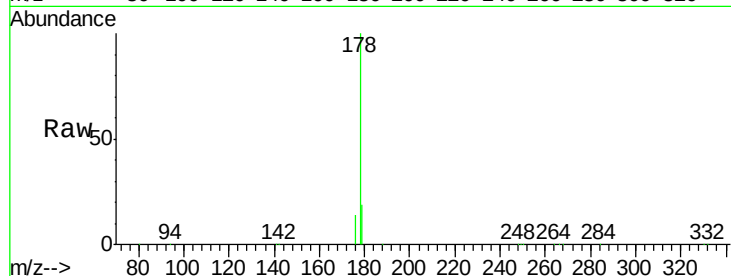
Tgt Ion:178 Resp: 305299

Ion Ratio Lower Upper

178 100

176 17.5 12.8 19.2

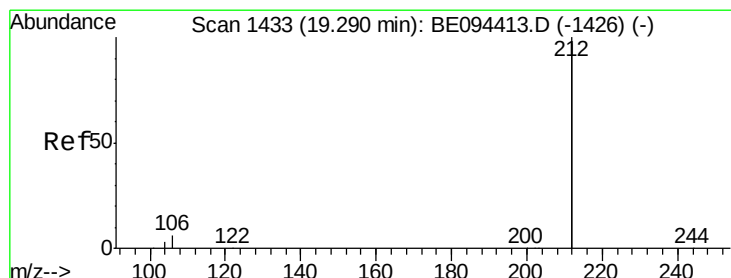
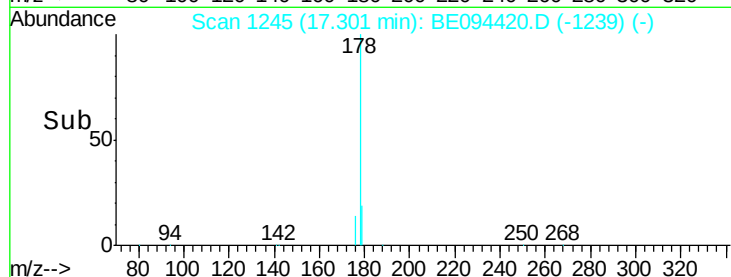
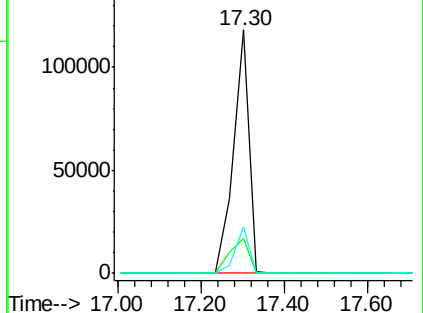
179 17.2 13.0 19.6



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



#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.26 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

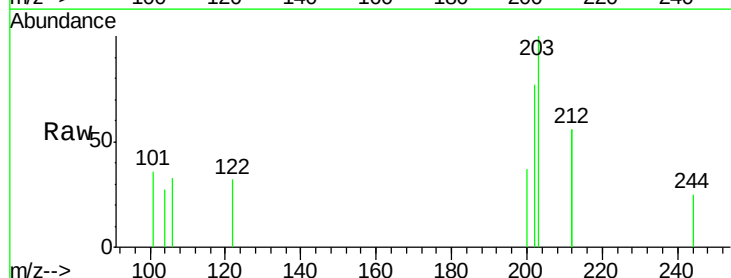
Tgt Ion:212 Resp: 35

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

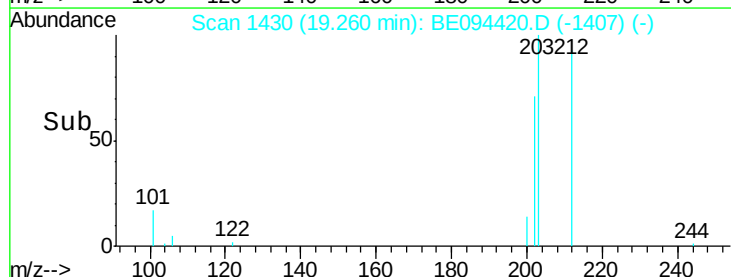
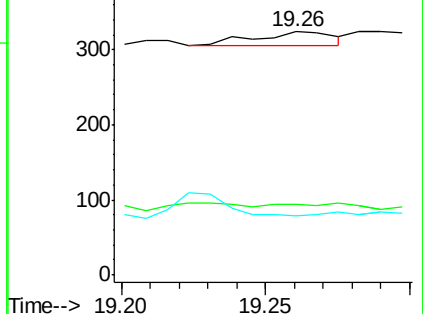
104 14.3 1.6 2.4#

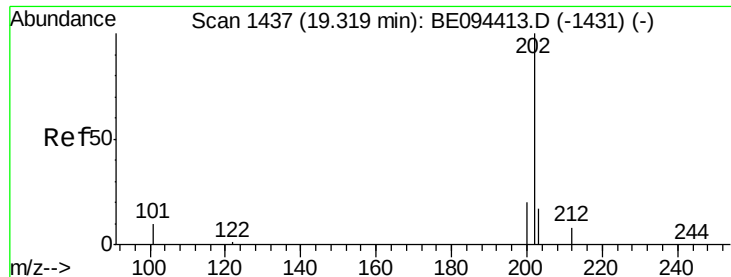


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

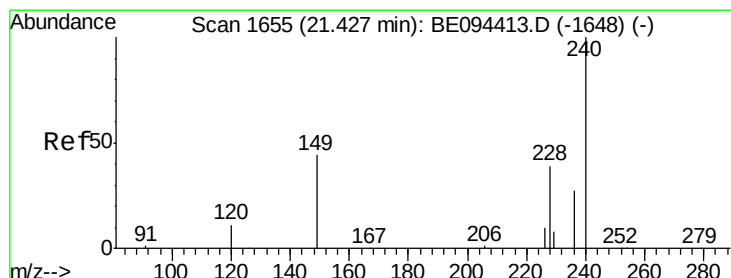
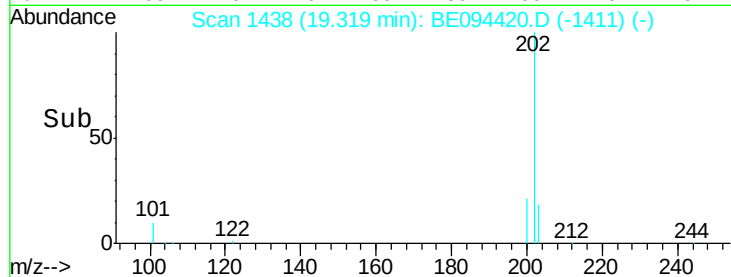
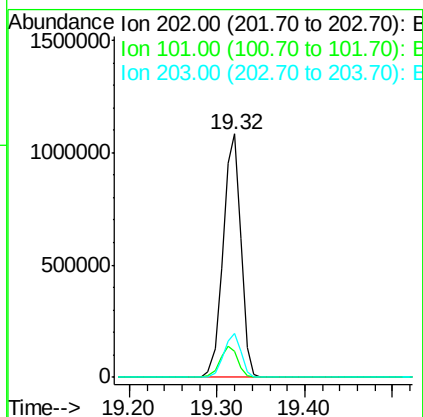
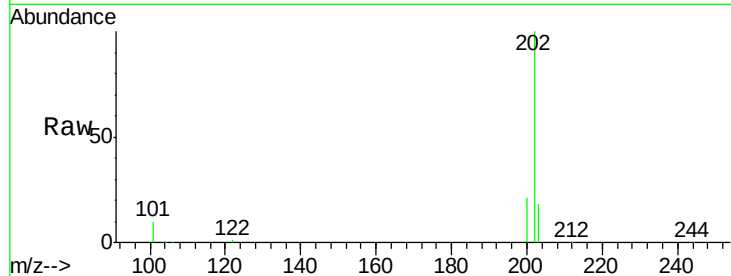




#26
Fluoranthene
Concen: 45.847 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE094420.D
Acq: 16 Oct 2017 16:53

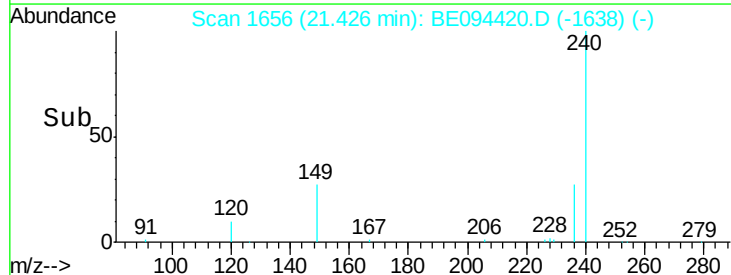
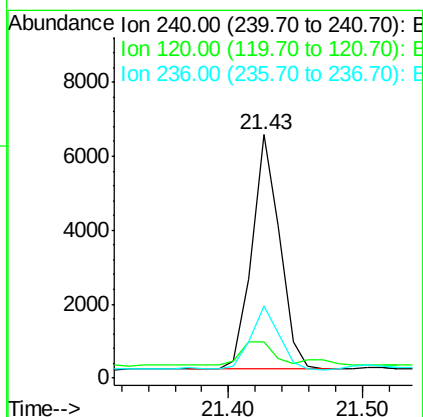
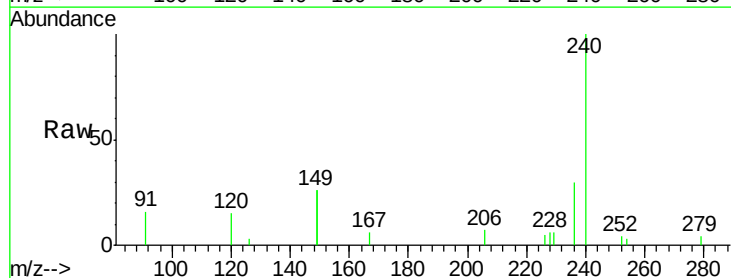
Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

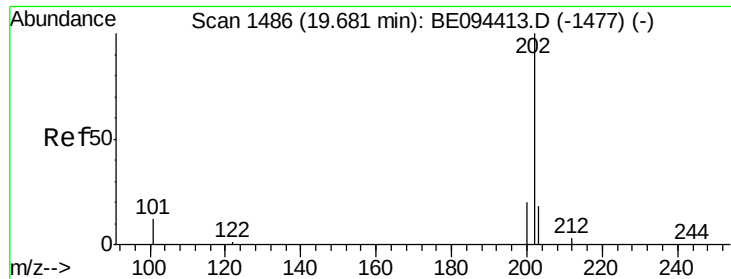
Tgt Ion: 202 Resp: 1531914
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
203 17.8 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094420.D
Acq: 16 Oct 2017 16:53

Tgt Ion: 240 Resp: 9050
Ion Ratio Lower Upper
240 100
120 14.8 5.5 8.3#
236 29.6 20.7 31.1

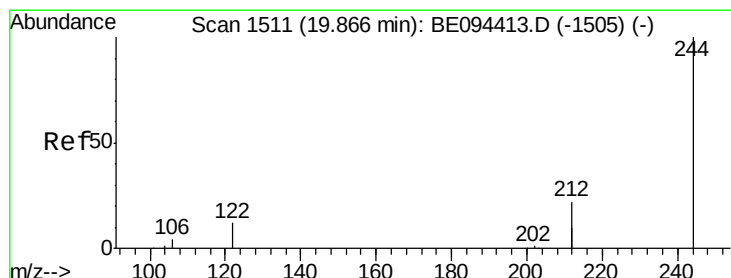
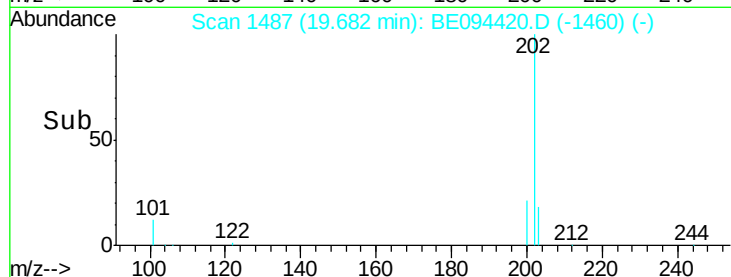
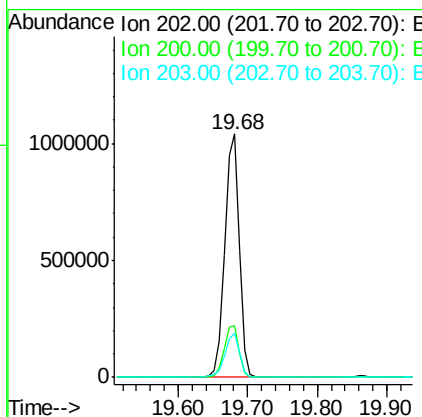
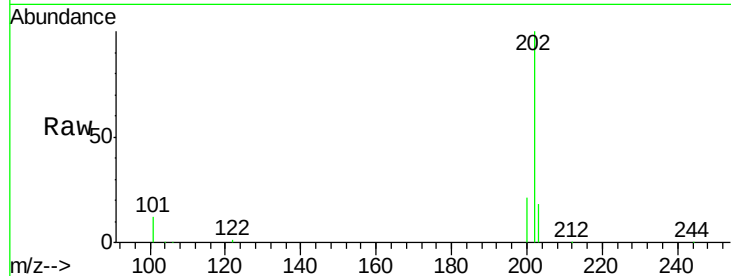




#28
 Pyrene
 Concen: 44.059 ng
 RT: 19.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

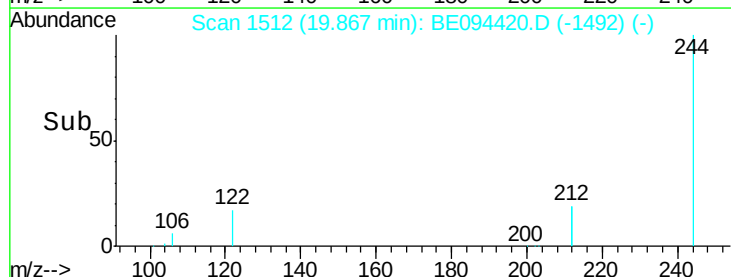
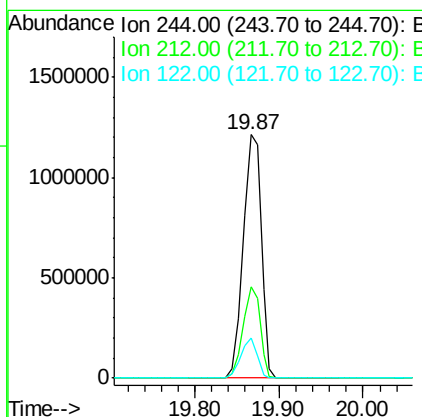
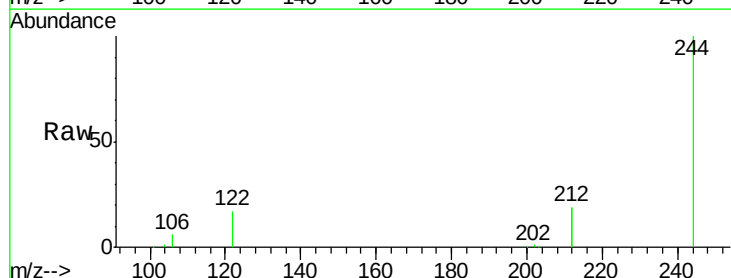
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

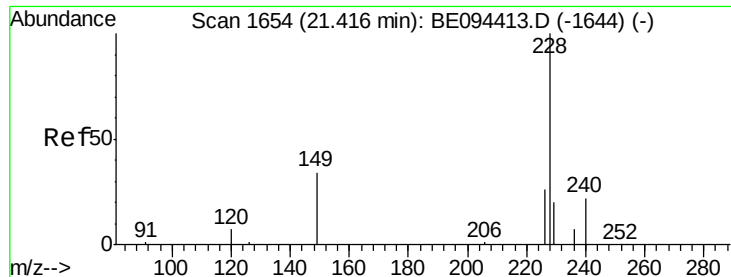
Tgt Ion:202 Resp: 1504421
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.6 25.0
 203 18.5 13.8 20.8



#29
 Terphenyl-d14
 Concen: 98.281 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

Tgt Ion:244 Resp: 1794728
 Ion Ratio Lower Upper
 244 100
 212 37.6 25.4 38.0
 122 16.7 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 61.638 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.05 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

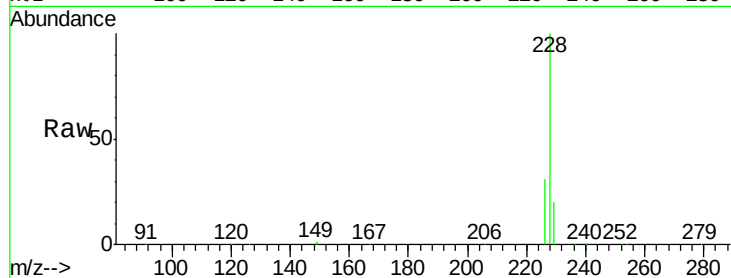
Tgt Ion:228 Resp: 1929378

Ion Ratio Lower Upper

228 100

226 30.8 40.0 60.0#

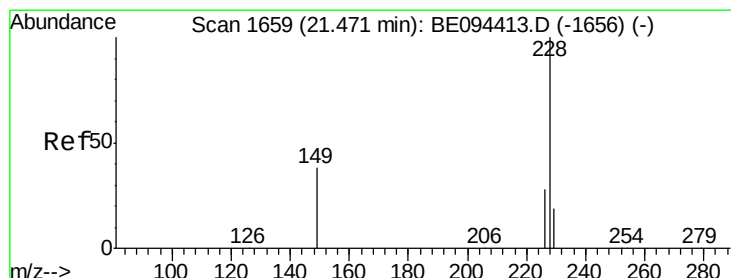
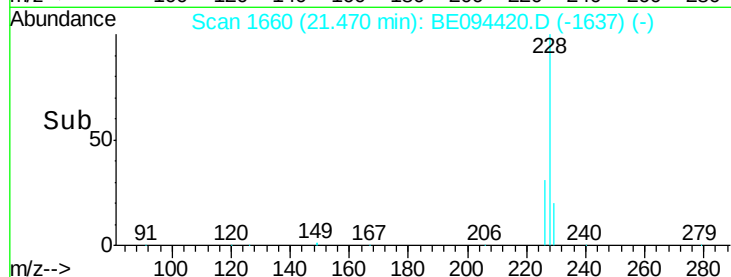
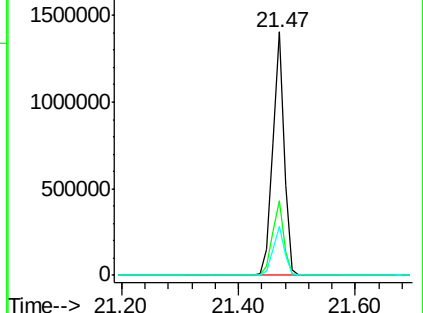
229 20.4 40.0 60.0#



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: 64.103 ng

RT: 21.47 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

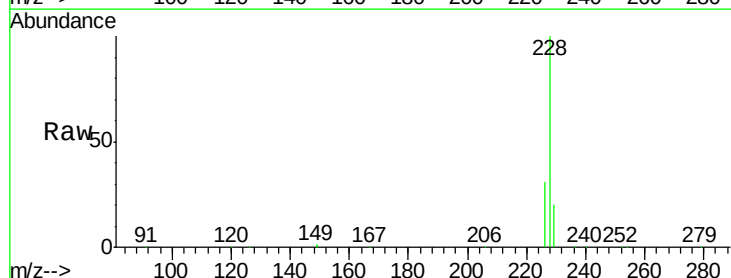
Tgt Ion:228 Resp: 1931427

Ion Ratio Lower Upper

228 100

226 30.8 40.0 60.0#

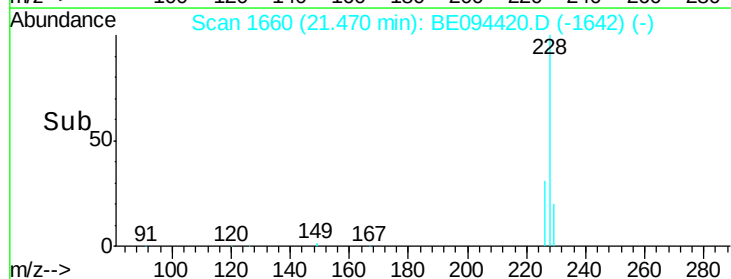
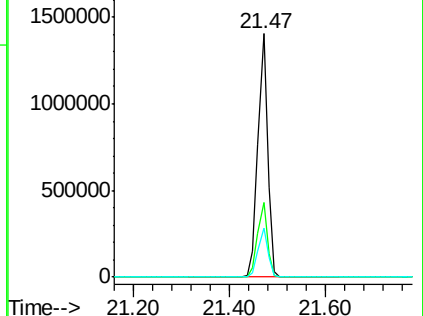
229 20.4 40.0 60.0#

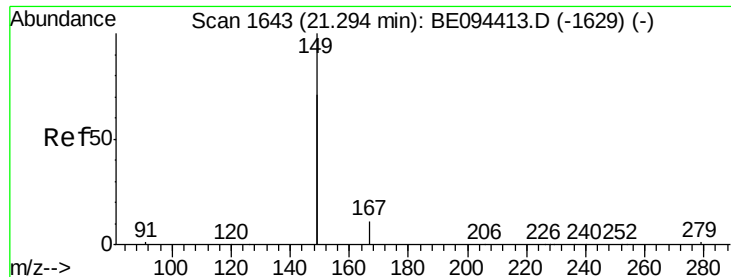


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

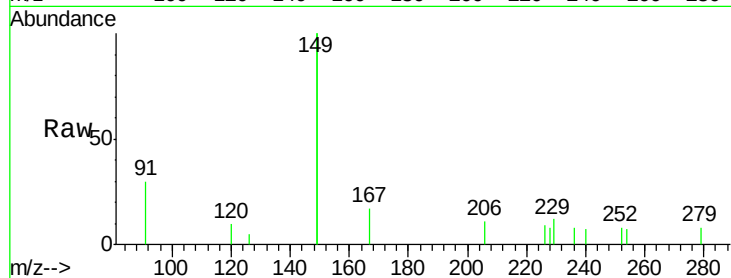
Tgt Ion:149 Resp: 5122

Ion Ratio Lower Upper

149 100

167 8.9 5.4 8.0#

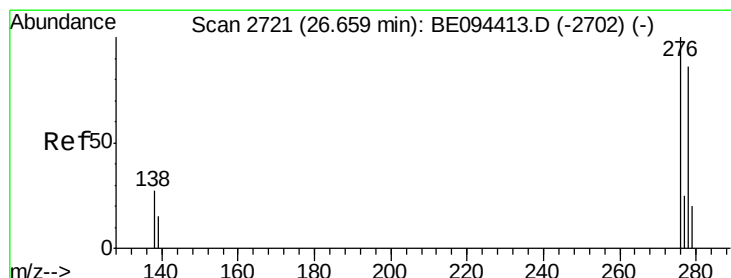
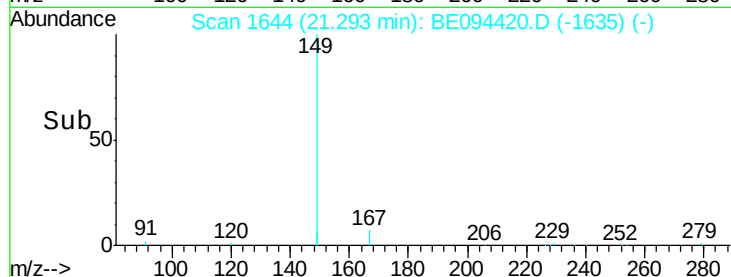
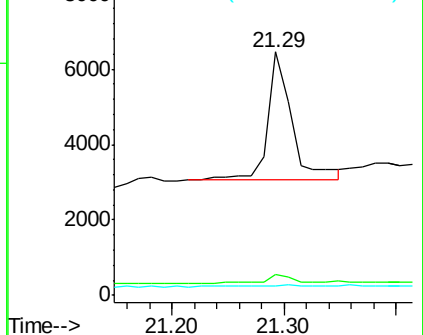
279 2.8 0.7 1.1#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 94.824 ng

RT: 26.70 min Scan# 2731

Delta R.T. 0.04 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

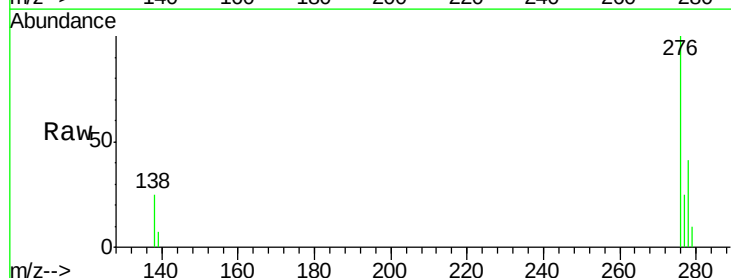
Tgt Ion:276 Resp: 2877585

Ion Ratio Lower Upper

276 100

138 24.5 22.5 33.7

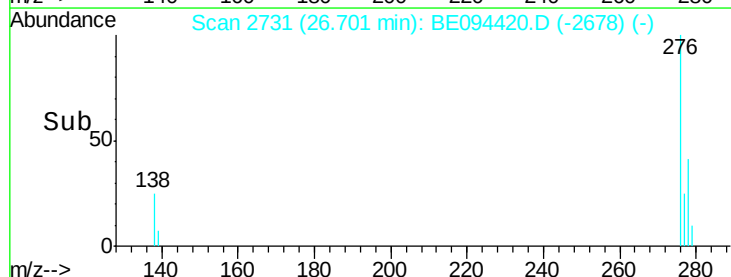
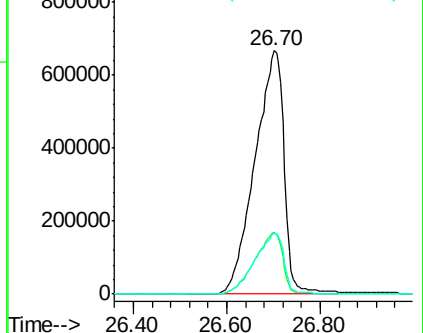
277 25.0 19.9 29.9

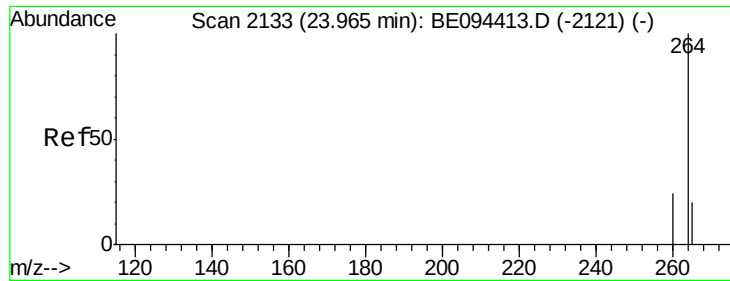


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

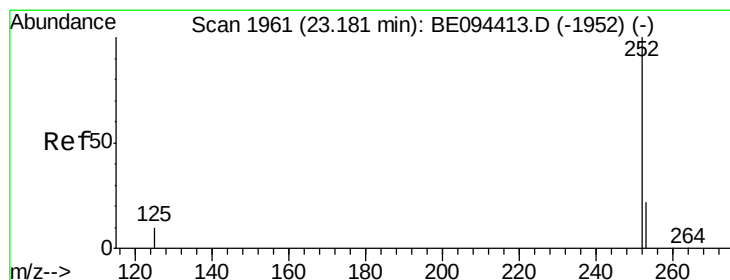
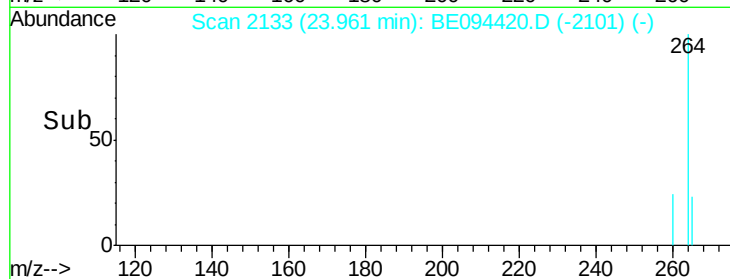
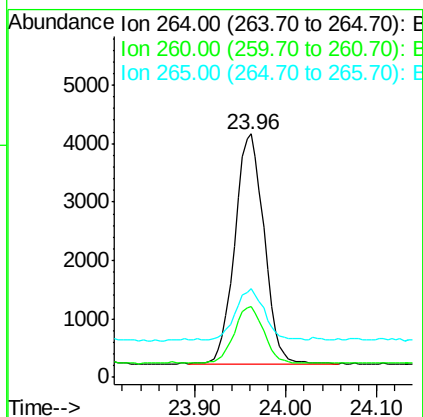
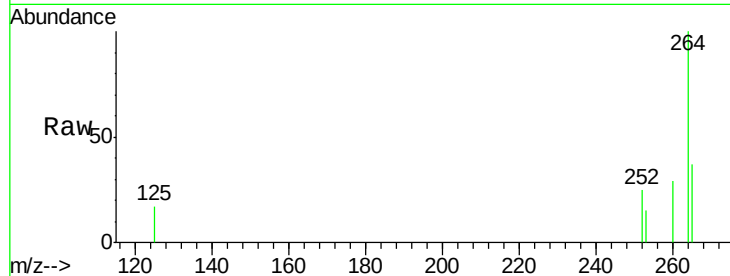




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

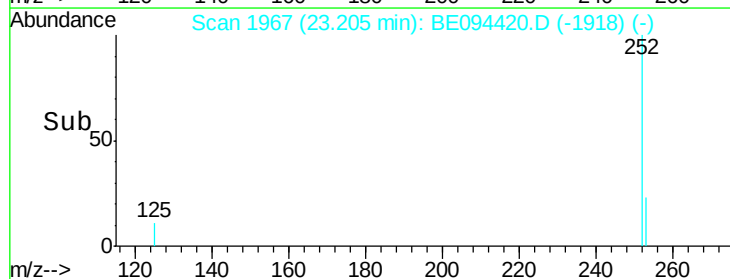
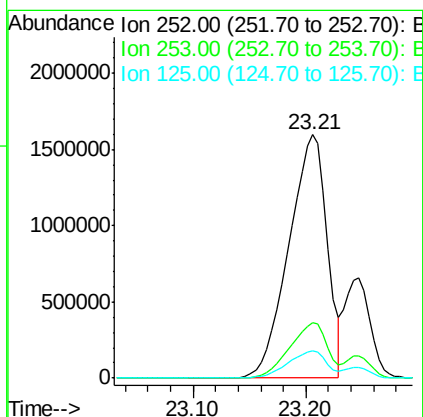
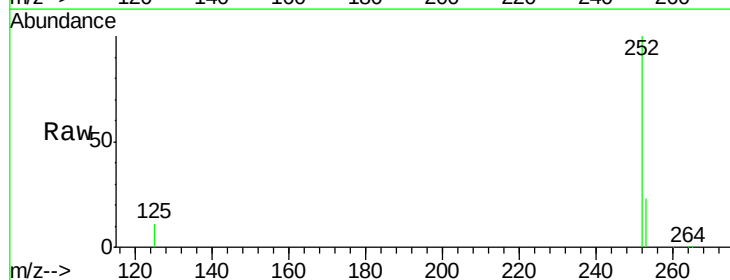
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

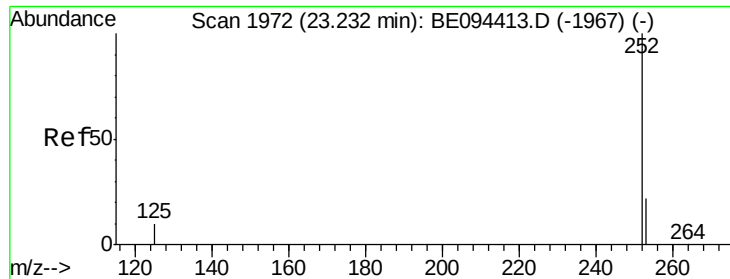
Tgt Ion: 264 Resp: 8825
 Ion Ratio Lower Upper
 264 100
 260 28.9 20.5 30.7
 265 36.5 22.8 34.2#



#35
 Benzo(b)fluoranthene
 Concen: 125.527 ng
 RT: 23.21 min Scan# 1967
 Delta R.T. 0.02 min
 Lab File: BE094420.D
 Acq: 16 Oct 2017 16:53

Tgt Ion: 252 Resp: 3757569
 Ion Ratio Lower Upper
 252 100
 253 22.9 48.0 72.0#
 125 11.2 56.0 84.0#

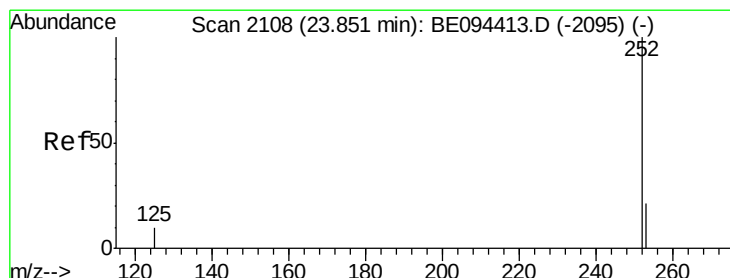
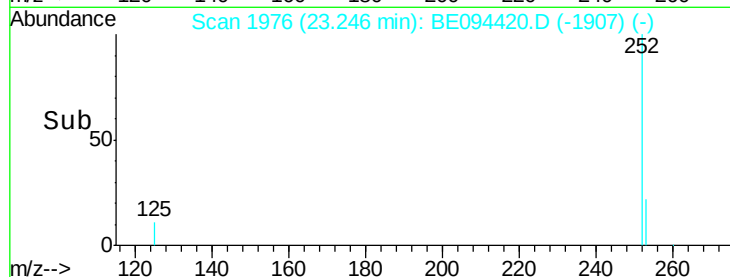
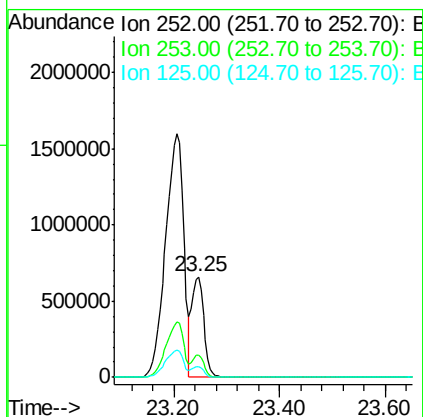
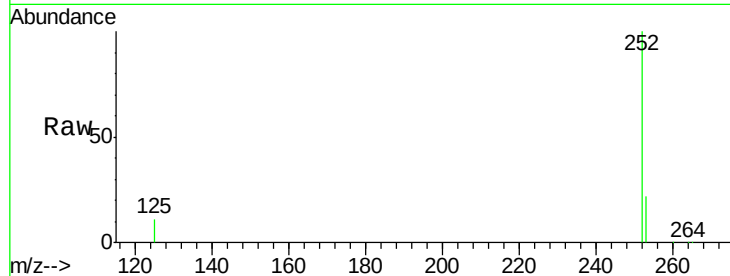




#36
Benzo(k)fluoranthene
Concen: 35.218 ng
RT: 23.25 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BE094420.D
Acq: 16 Oct 2017 16:53

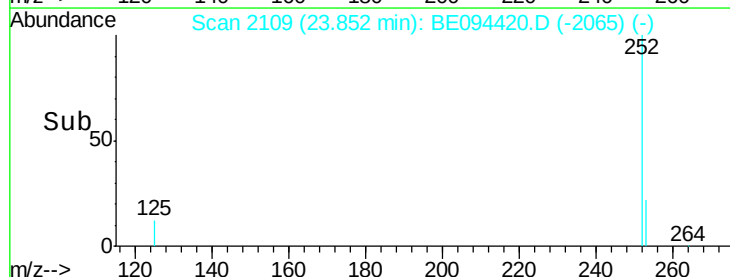
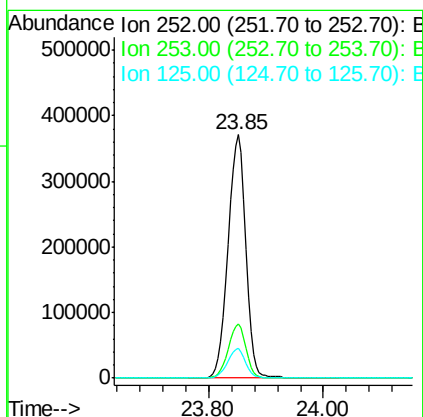
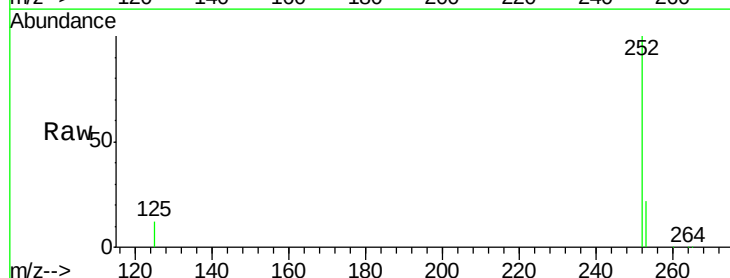
Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

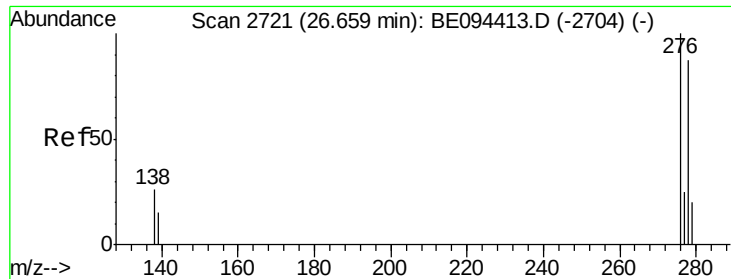
Tgt Ion: 252 Resp: 1038693
Ion Ratio Lower Upper
252 100
253 22.4 48.0 72.0#
125 11.1 56.0 84.0#



#37
Benzo(a)pyrene
Concen: 28.717 ng
RT: 23.85 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BE094420.D
Acq: 16 Oct 2017 16:53

Tgt Ion: 252 Resp: 807943
Ion Ratio Lower Upper
252 100
253 22.2 52.0 78.0#
125 12.2 68.0 102.0#





#38

Dibenzo(a,h)anthracene

Concen: 34.926 ng

RT: 26.70 min Scan# 2730

Delta R.T. 0.04 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

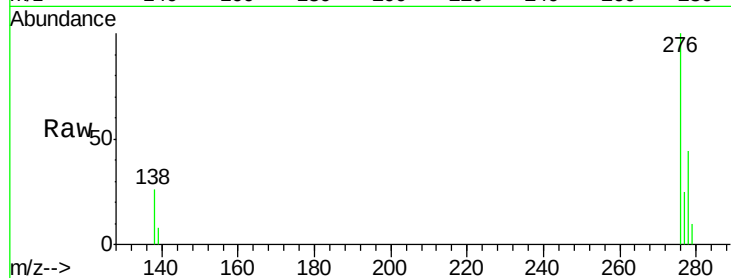
Tgt Ion:278 Resp: 930160

Ion Ratio Lower Upper

278 100

139 18.4 56.0 84.0#

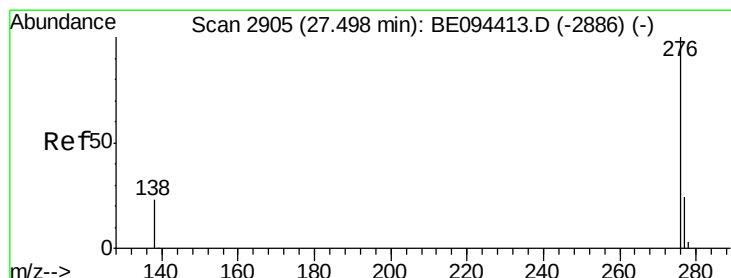
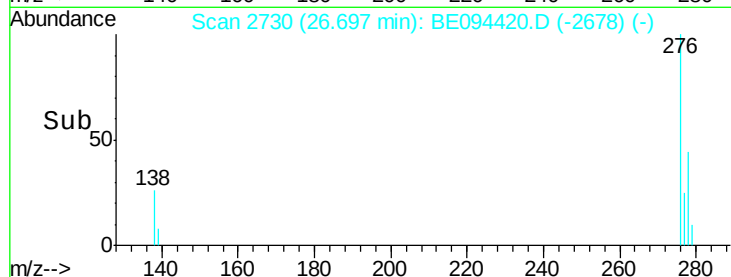
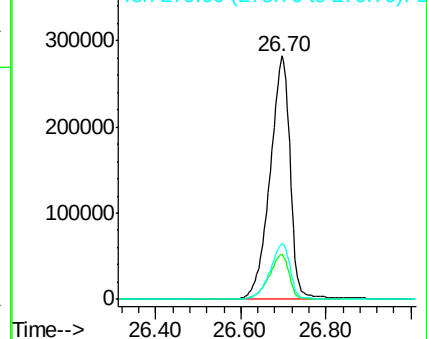
279 22.9 52.0 78.0#



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: 122.401 ng

RT: 27.55 min Scan# 2917

Delta R.T. 0.05 min

Lab File: BE094420.D

Acq: 16 Oct 2017 16:53

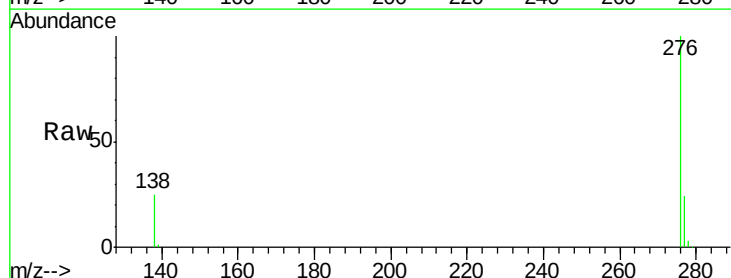
Tgt Ion:276 Resp: 3135411

Ion Ratio Lower Upper

276 100

277 23.7 52.0 78.0#

138 24.8 44.0 66.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

