

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094451.D
 Acq On : 19 Oct 2017 17:11
 Operator : SJ/JU
 Sample : I5819-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3905-PP3

Quant Time: Oct 20 12:41:14 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	1381	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	7083	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4213	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	10724	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	9892	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9387	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	895	0.19	ng	0.00
5) Phenol-d6	7.14	99	724	0.10	ng	0.01
8) Nitrobenzene-d5	9.08	82	2867	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5000	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	559	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7592	0.50	ng	0.00
25) Fluoranthene-d10	19.28	212	54057	0.31	ng	-0.01
29) Terphenyl-d14	19.86	244	14113	0.71	ng	0.00

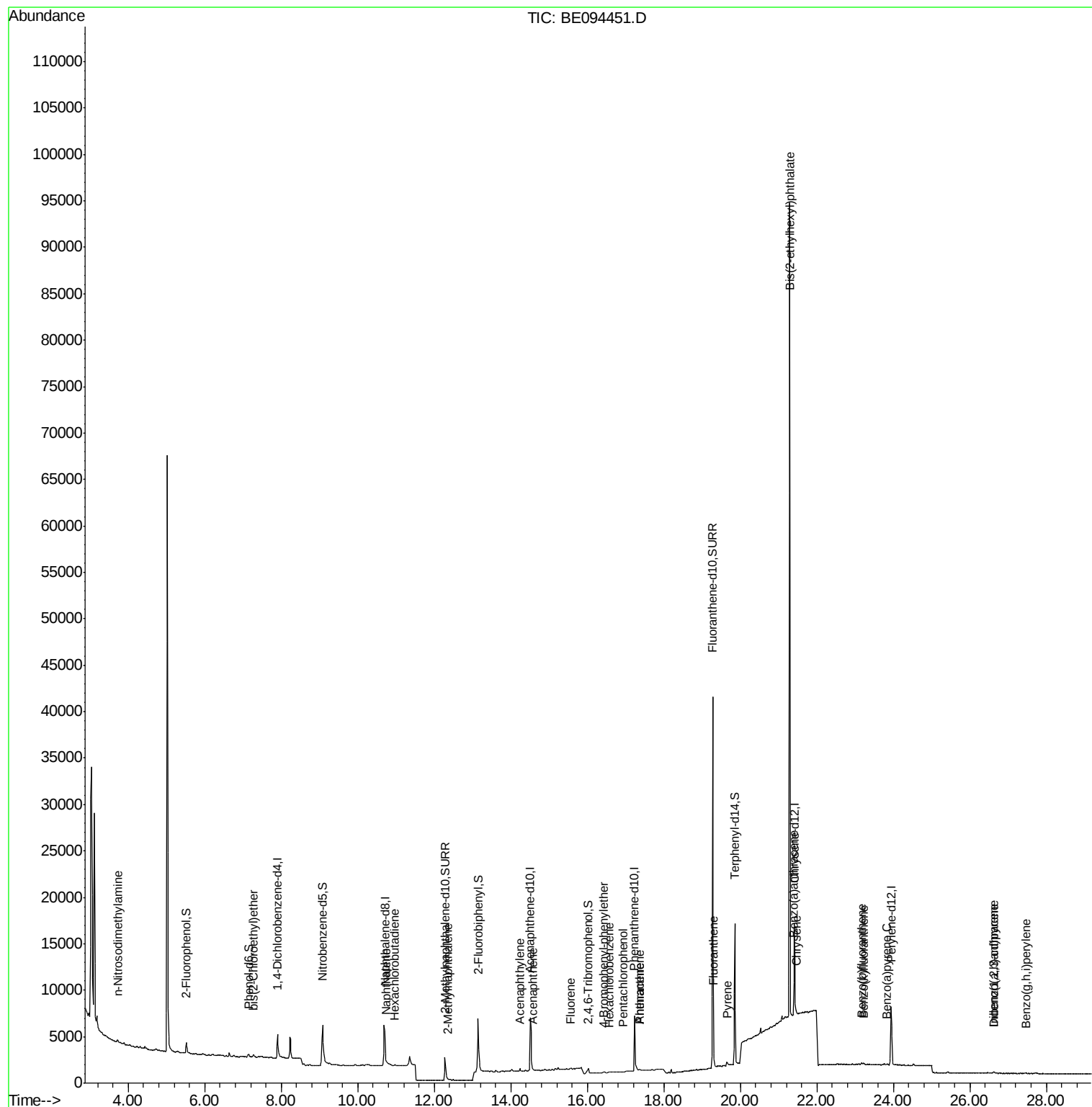
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.73	42	128	0.053	ng	# 3
6) bis(2-Chloroethyl)ether	7.27	93	366	0.068	ng	# 1
9) Naphthalene	10.74	128	280	0.004	ng	# 61
10) Hexachlorobutadiene	10.96	225	10	0.003	ng	# 17
12) 2-Methylnaphthalene	12.35	142	29	0.002	ng	# 49
16) Acenaphthylene	14.24	152	212	0.009	ng	# 39
17) Acenaphthene	14.57	154	30	0.002	ng	# 42
18) Fluorene	15.56	166	117	0.006	ng	# 1
20) 4-Bromophenyl-phenylether	16.42	248	8	0.001	ng	# 1
21) Hexachlorobenzene	16.58	284	6	0.028	ng	# 38
22) Pentachlorophenol	16.94	266	8	0.163	ng	# 93
23) Phenanthrene	17.37	178	902	0.021	ng	# 68
24) Anthracene	17.37	178	921	0.028	ng	# 68
26) Fluoranthene	19.31	202	523	0.010	ng	# 85
28) Pyrene	19.67	202	324	0.009	ng	# 56
30) Benzo(a)anthracene	21.40	228	215	0.006	ng	# 41
31) Chrysene	21.46	228	333	0.010	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.29	149	100098	1.016	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.63	276	255	0.008	ng	# 77
35) Benzo(b)fluoranthene	23.17	252	343	0.011	ng	# 46
36) Benzo(k)fluoranthene	23.22	252	185	0.006	ng	# 25
37) Benzo(a)pyrene	23.82	252	113	0.004	ng	# 24
38) Dibenzo(a,h)anthracene	26.62	278	65	0.002	ng	# 7
39) Benzo(g,h,i)perylene	27.46	276	220	0.008	ng	# 54

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094451.D
Acq On : 19 Oct 2017 17:11
Operator : SJ/JU
Sample : I5819-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3905-PP3

Quant Time: Oct 20 12:41:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

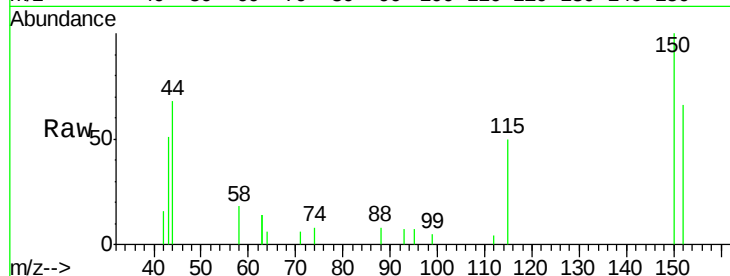
Tgt Ion:152 Resp: 1381

Ion Ratio Lower Upper

152 100

150 152.0 117.2 175.8

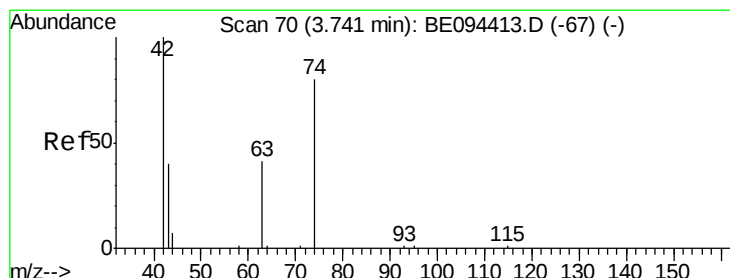
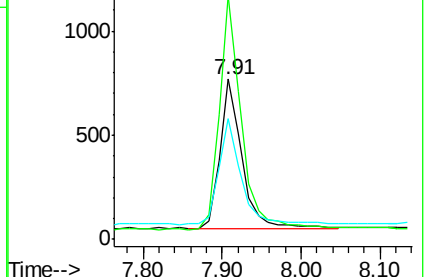
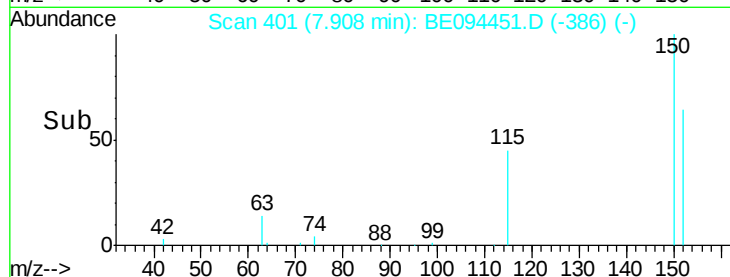
115 75.6 57.0 85.6



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



#3

n-Nitrosodimethylamine

Concen: 0.053 ng

RT: 3.73 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

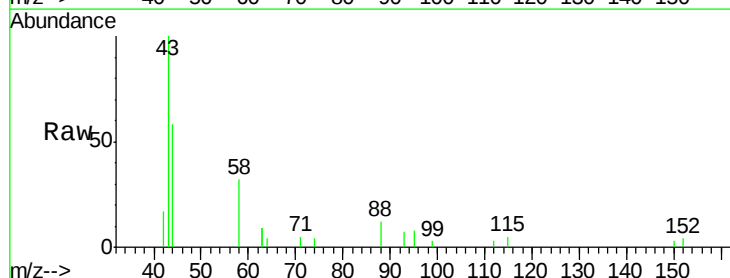
Tgt Ion: 42 Resp: 128

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

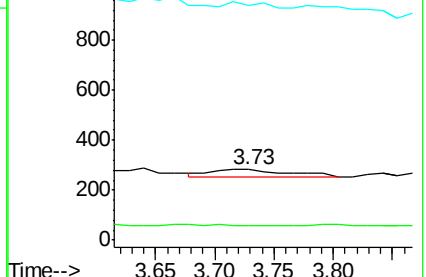
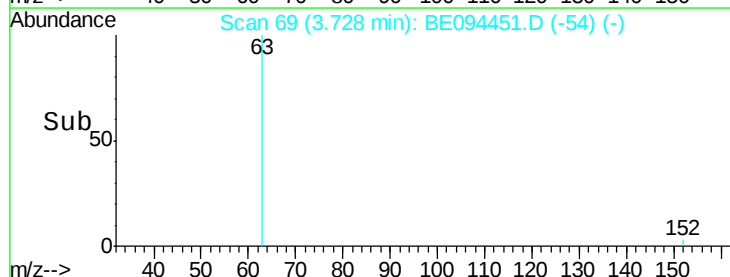
44 29.7 17.0 25.4#

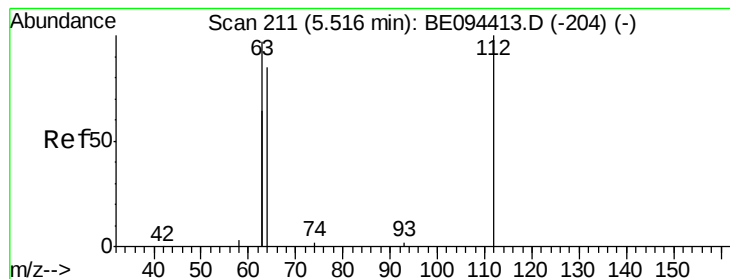


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.192 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

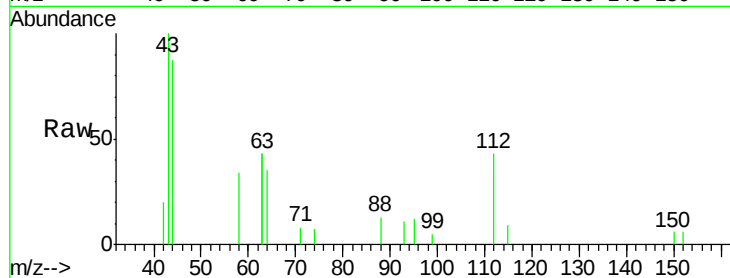
Tgt Ion: 112 Resp: 895

Ion Ratio Lower Upper

112 100

64 73.5 60.1 90.1

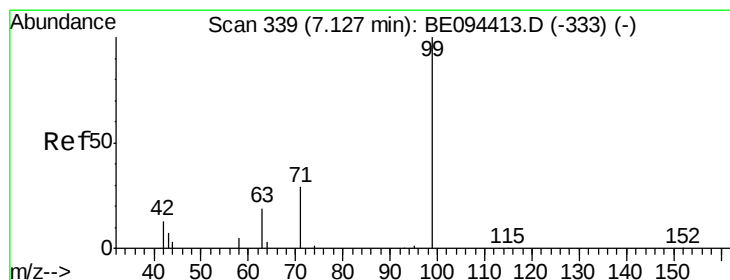
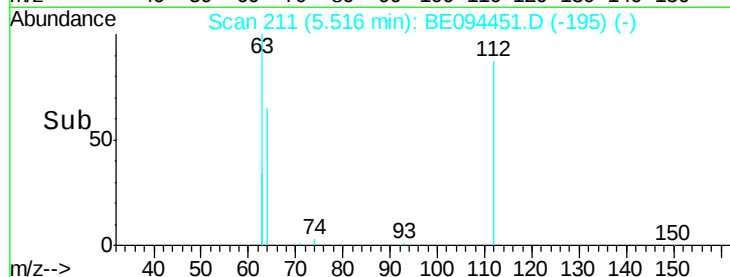
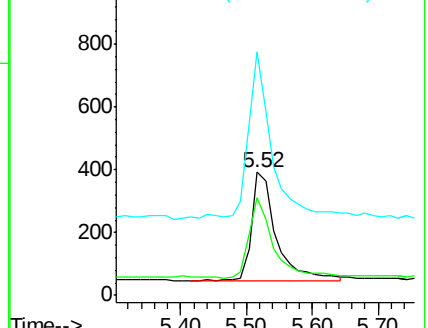
63 150.3 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.099 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

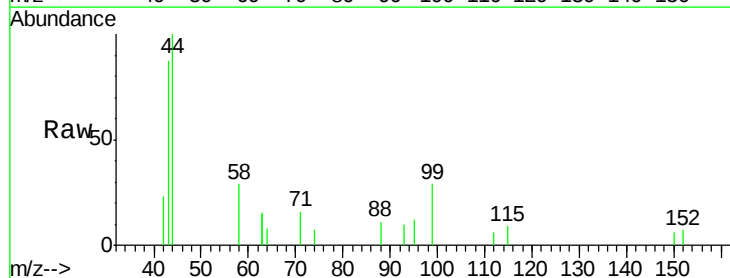
Tgt Ion: 99 Resp: 724

Ion Ratio Lower Upper

99 100

42 17.5 20.2 30.2#

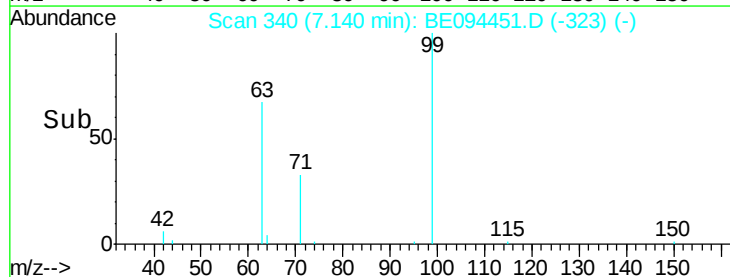
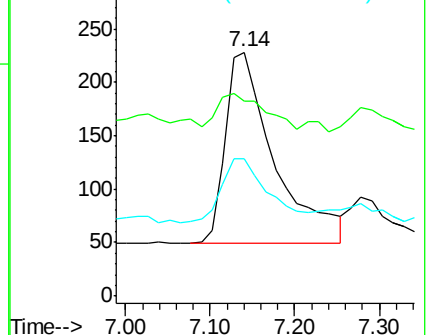
71 32.3 28.4 42.6

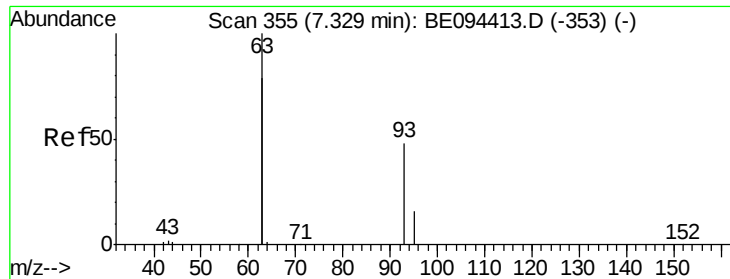


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.068 ng

RT: 7.27 min Scan# 350

Delta R.T. -0.06 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

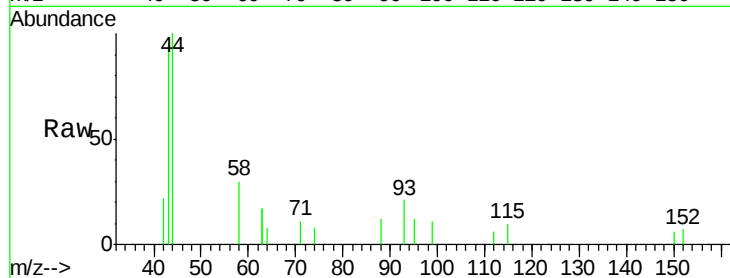
Tgt Ion: 93 Resp: 366

Ion Ratio Lower Upper

93 100

63 22.1 275.3 412.9#

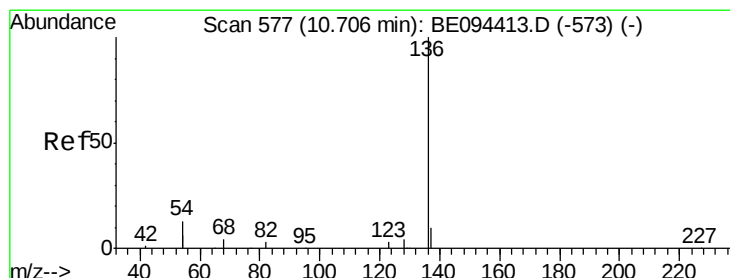
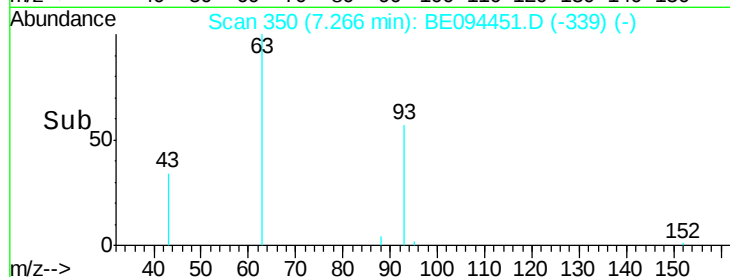
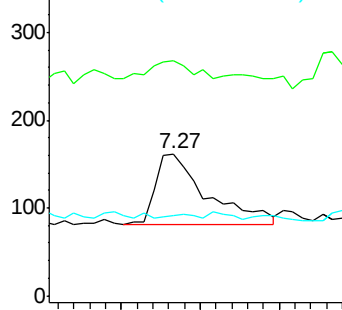
95 3.8 25.2 37.8#



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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Tgt Ion: 136 Resp: 7083

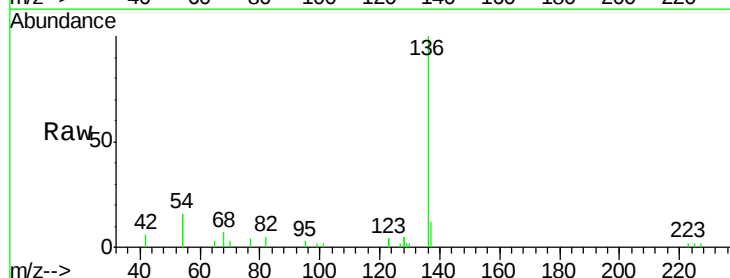
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 31.7 29.1 43.7

68 6.8 6.2 9.2

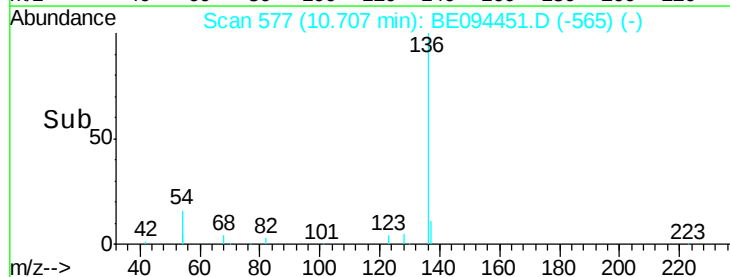
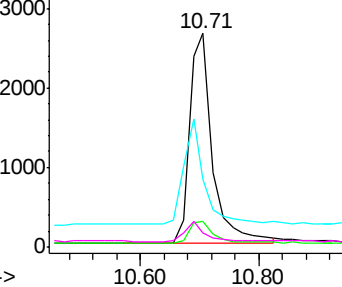


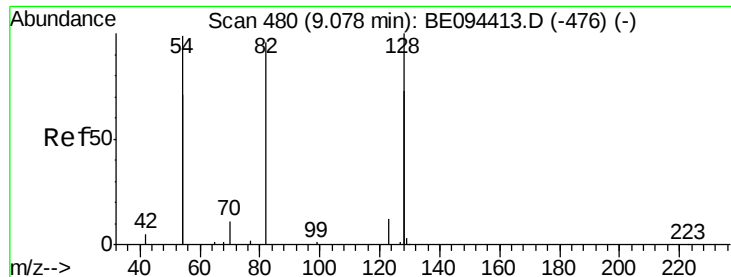
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.466 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

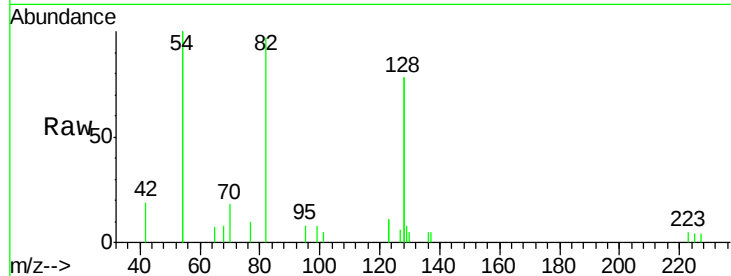
Tgt Ion: 82 Resp: 2867

Ion Ratio Lower Upper

82 100

128 160.2 150.0 225.0

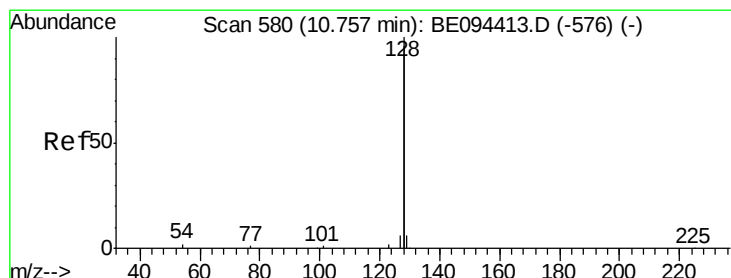
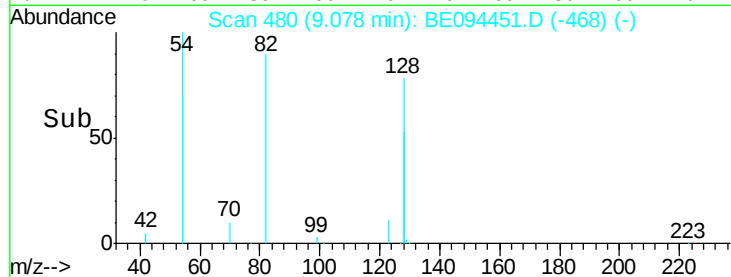
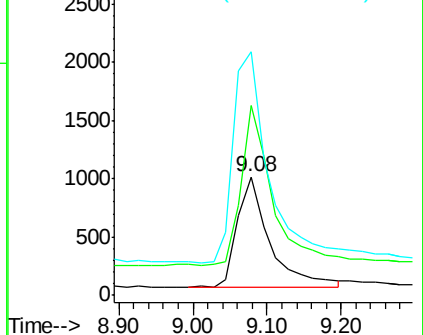
54 205.9 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094413.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE094413.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE094413.D (-476) (-)



#9

Naphthalene

Concen: 0.004 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

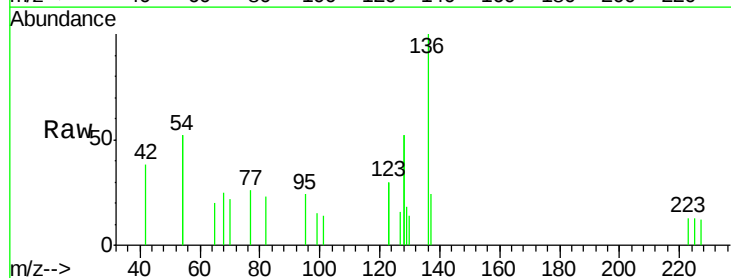
Tgt Ion: 128 Resp: 280

Ion Ratio Lower Upper

128 100

129 17.1 2.6 3.8#

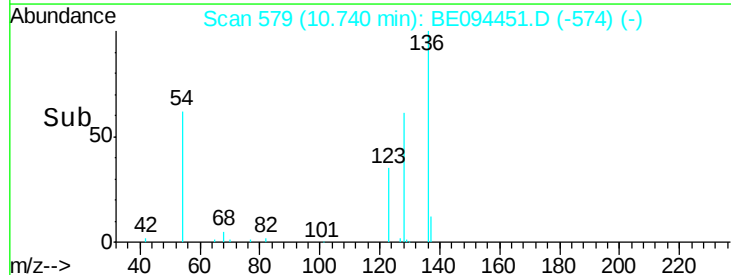
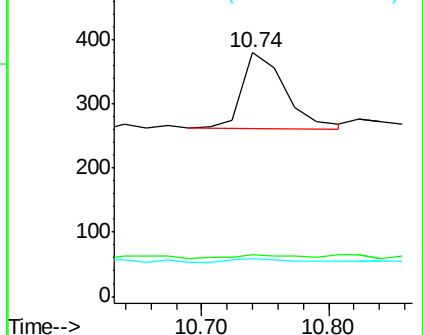
127 15.3 2.8 4.2#

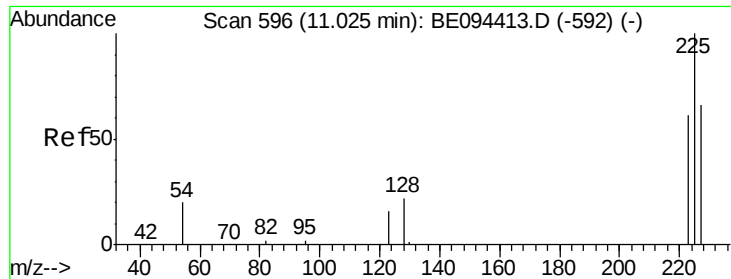


Abundance Ion 128.00 (127.70 to 128.70): BE094413.D (-576) (-)

Ion 129.00 (128.70 to 129.70): BE094413.D (-576) (-)

Ion 127.00 (126.70 to 127.70): BE094413.D (-576) (-)

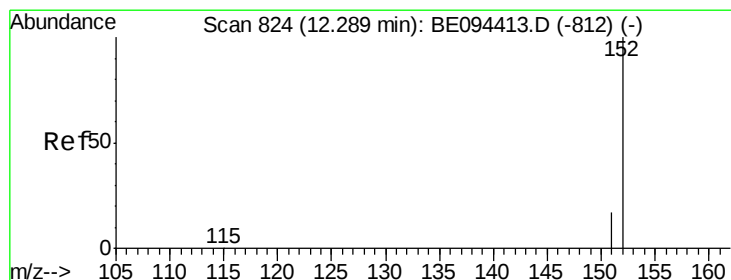
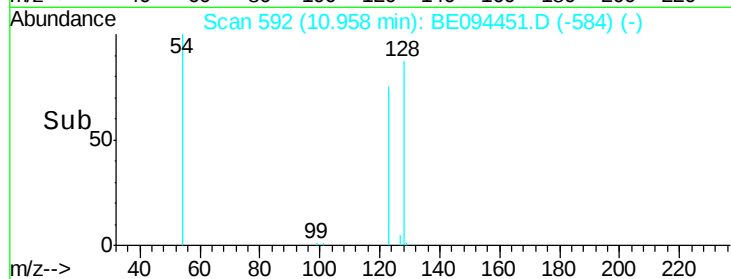
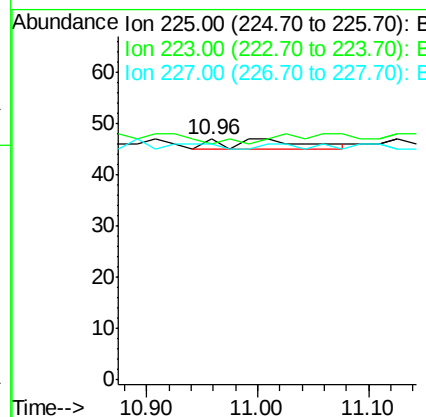
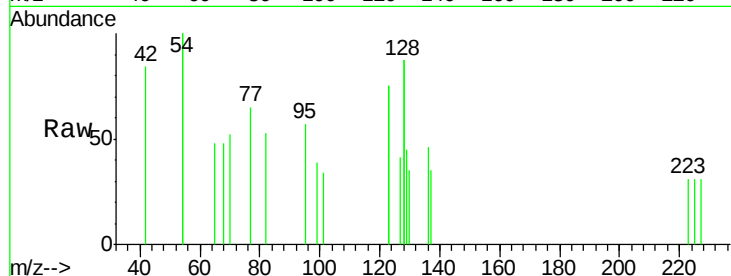




#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.96 min Scan# 592
Delta R.T. -0.07 min
Lab File: BE094451.D
Acq: 19 Oct 2017 17:11

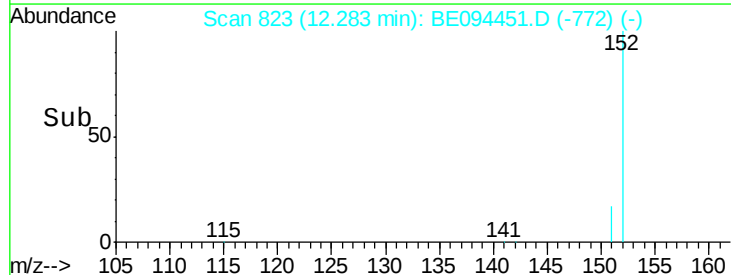
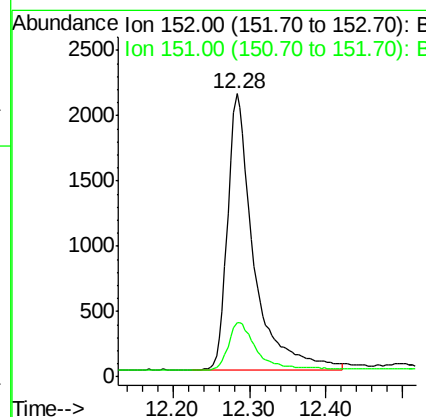
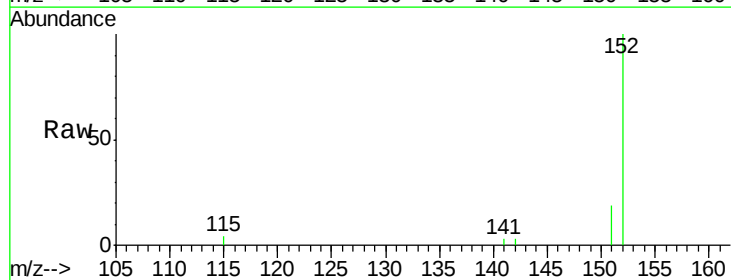
Instrument :
BNA_E
ClientSampleId :
3905-PP3

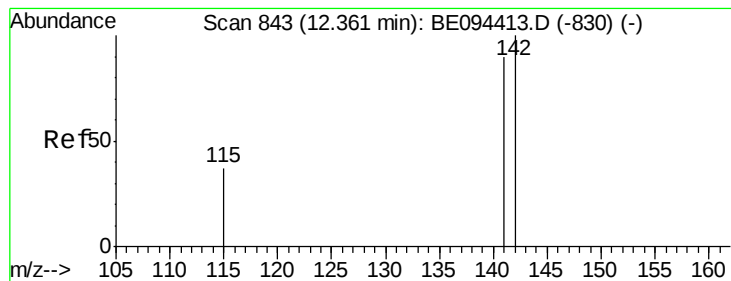
Tgt Ion: 225 Resp: 10
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 0.0 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE094451.D
Acq: 19 Oct 2017 17:11

Tgt Ion: 152 Resp: 5000
Ion Ratio Lower Upper
152 100
151 18.1 15.4 23.0





#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.35 min Scan# 841

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

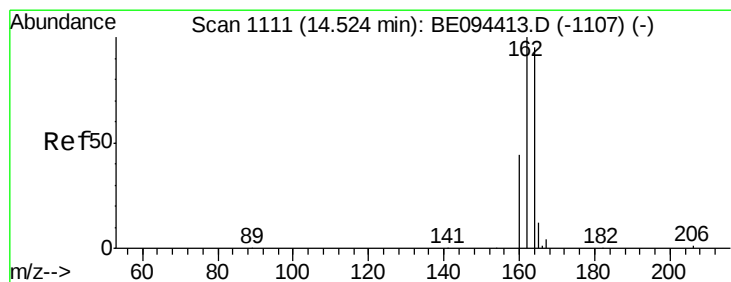
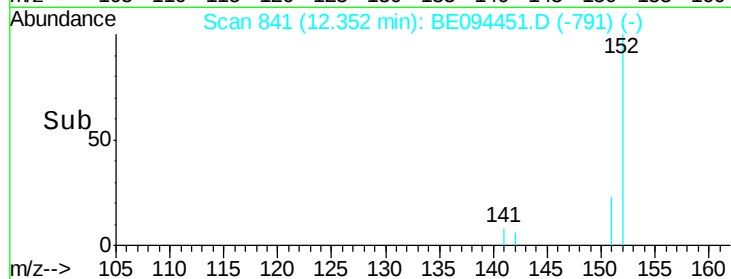
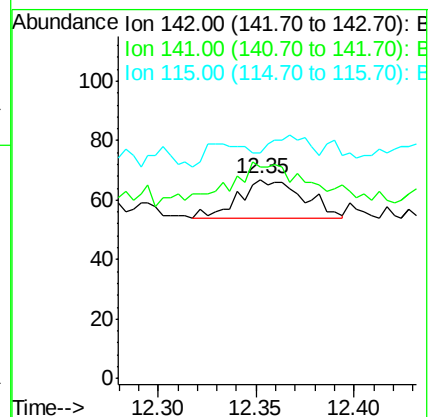
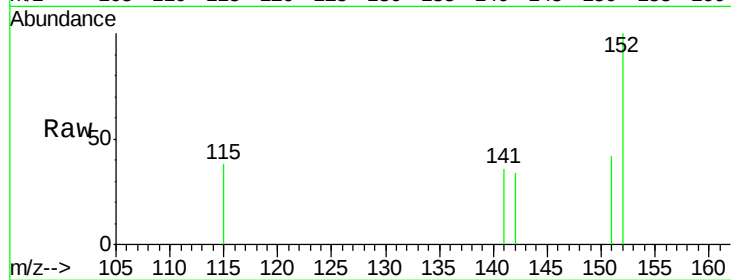
Tgt Ion:142 Resp: 29

Ion Ratio Lower Upper

142 100

141 106.0 70.4 105.6#

115 113.4 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: BE094451.D

Acq: 19 Oct 2017 17:11

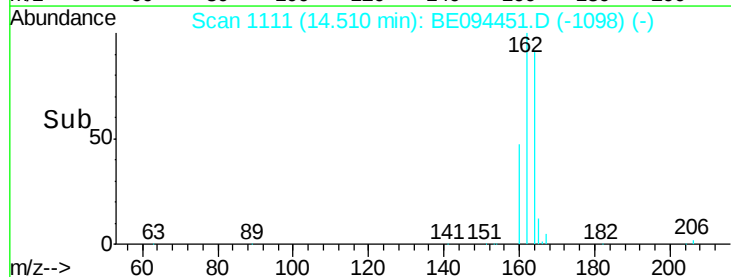
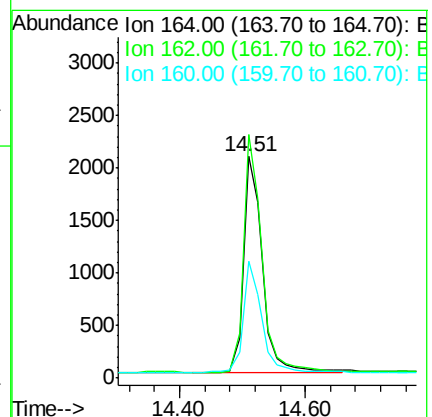
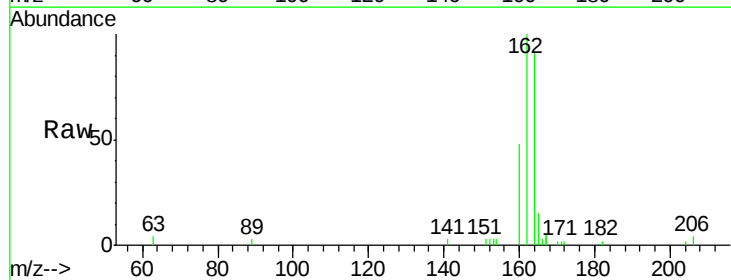
Tgt Ion:164 Resp: 4213

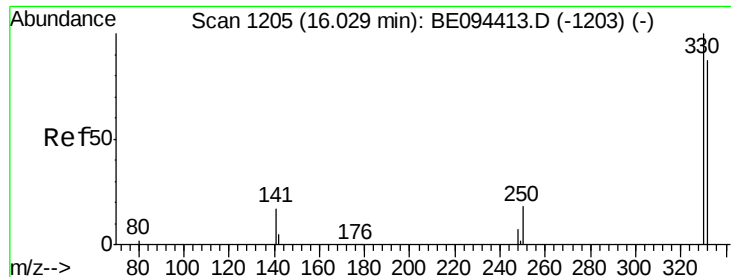
Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

160 52.8 37.1 55.7

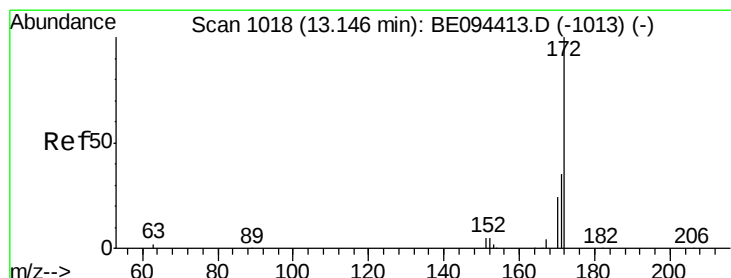
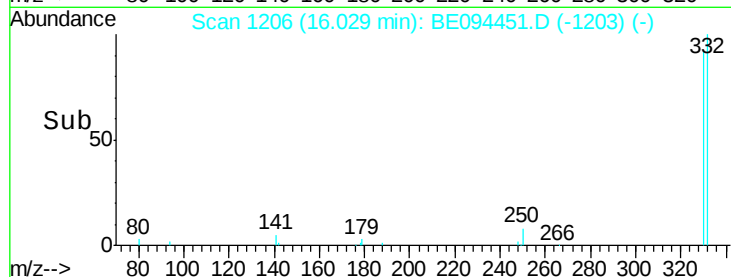
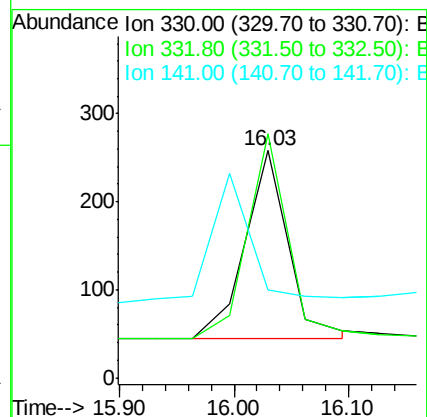
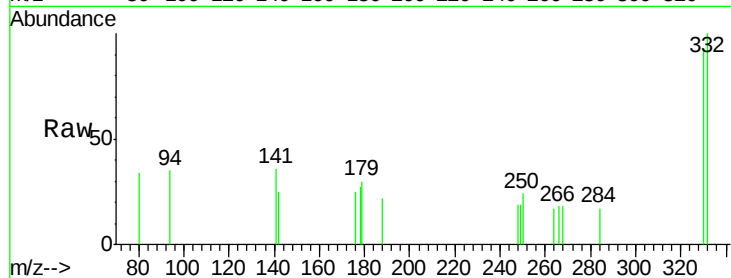




#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

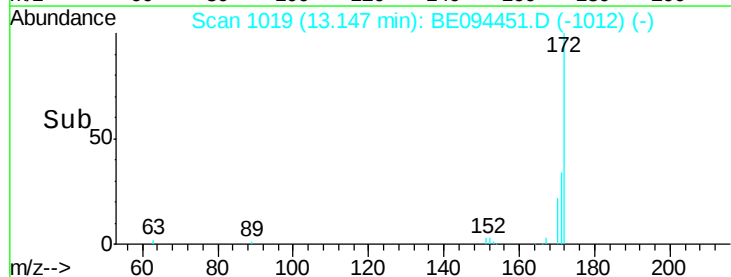
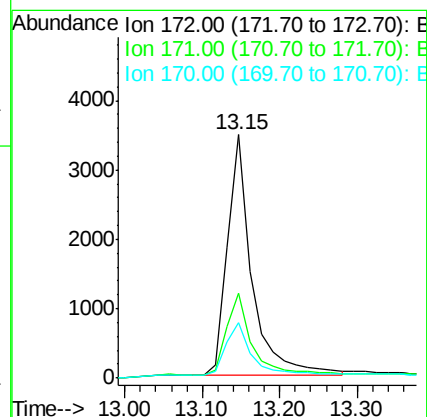
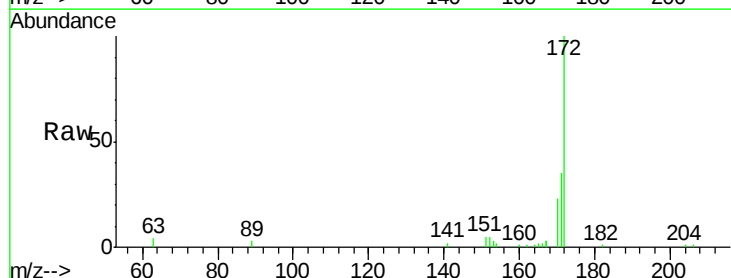
Instrument :
 BNA_E
 ClientSampleId :
 3905-PP3

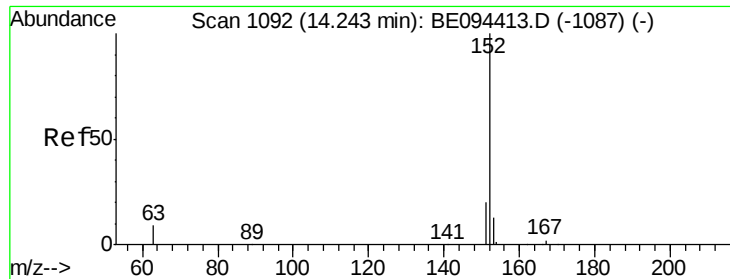
Tgt Ion:330 Resp: 559
 Ion Ratio Lower Upper
 330 100
 332 101.8 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.505 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

Tgt Ion:172 Resp: 7592
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.9 44.9
 170 23.0 21.8 32.8





#16

Acenaphthylene

Concen: 0.009 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

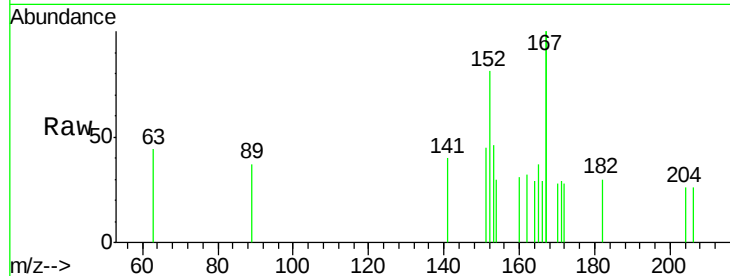
Tgt Ion:152 Resp: 212

Ion Ratio Lower Upper

152 100

151 35.8 15.7 23.5#

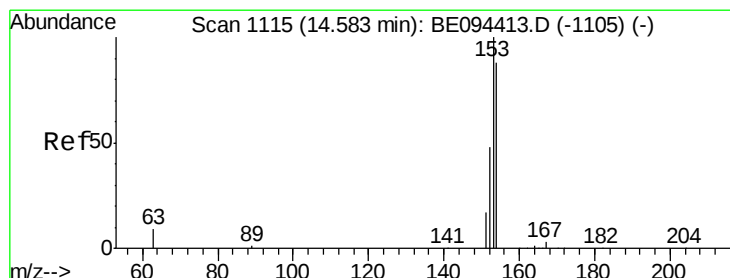
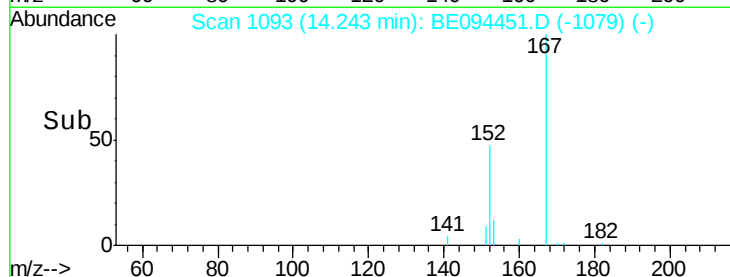
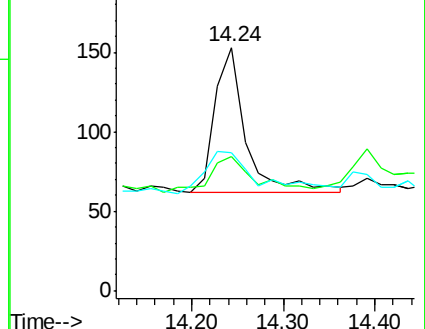
153 52.4 10.5 15.7#



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: 0.002 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

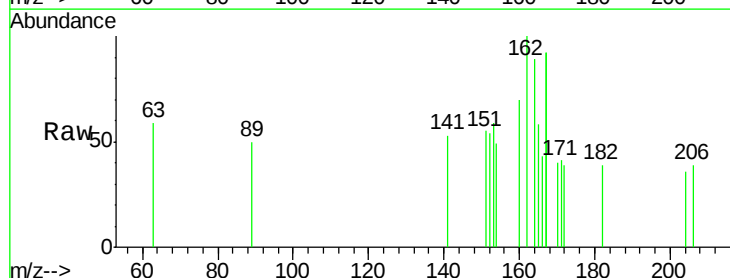
Tgt Ion:154 Resp: 30

Ion Ratio Lower Upper

154 100

153 166.7 89.2 133.8#

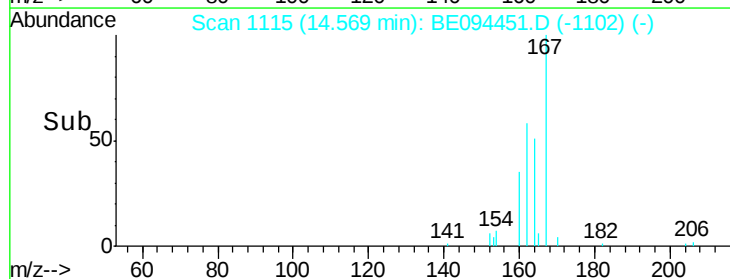
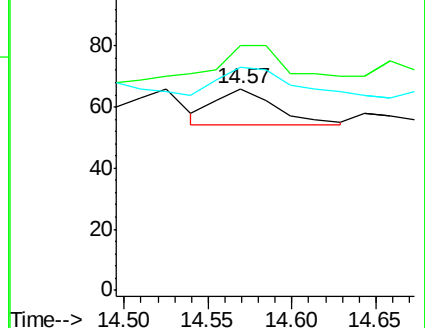
152 103.3 42.0 63.0#

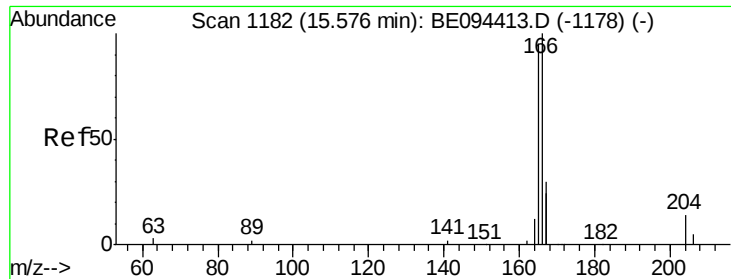


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

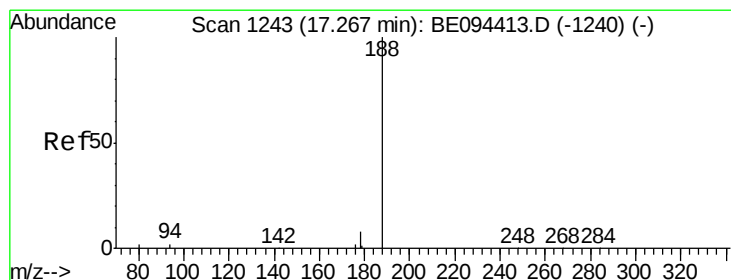
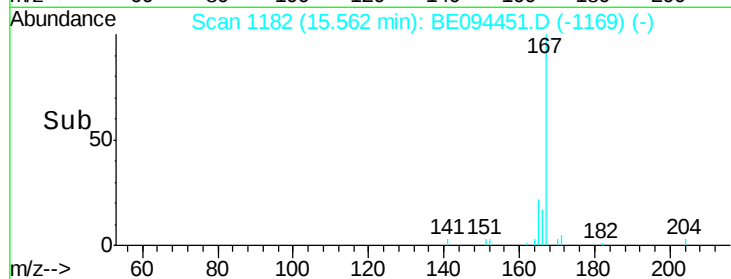
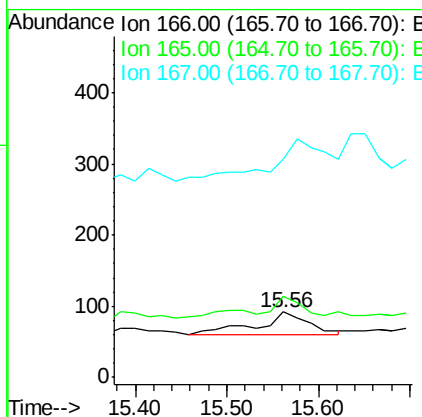
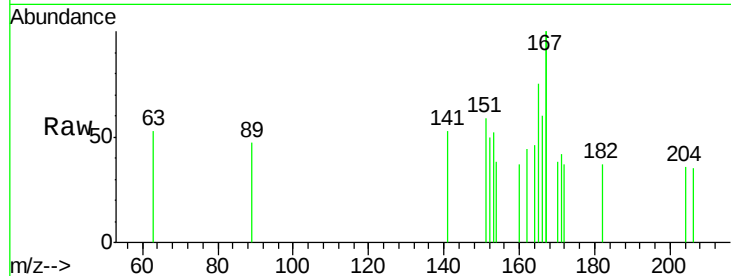




#18
Fluorene
 Concen: 0.006 ng
 RT: 15.56 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

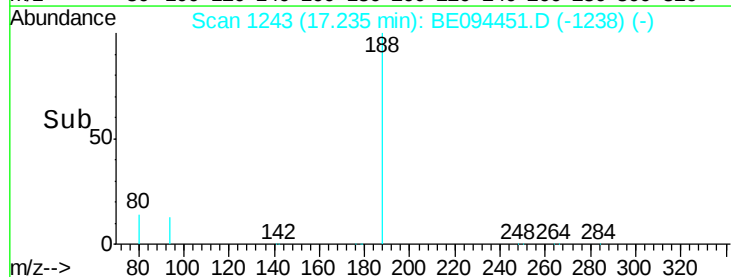
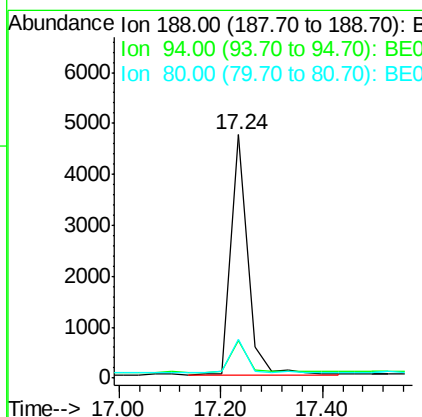
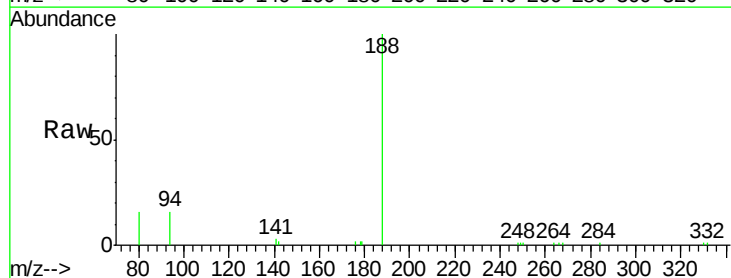
Instrument :
 BNA_E
 ClientSampleId :
 3905-PP3

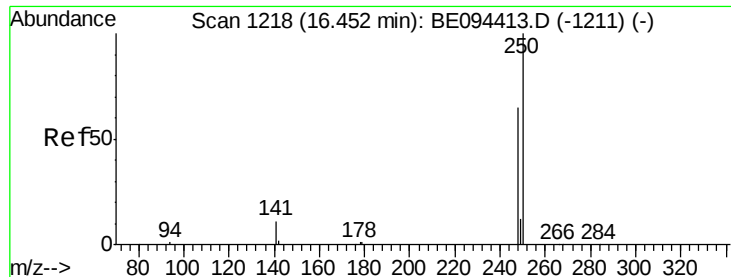
Tgt Ion:166 Resp: 117
 Ion Ratio Lower Upper
 166 100
 165 53.0 77.8 116.6#
 167 214.5 42.4 63.6#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

Tgt Ion:188 Resp: 10724
 Ion Ratio Lower Upper
 188 100
 94 15.6 3.9 5.9#
 80 15.9 3.6 5.4#





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

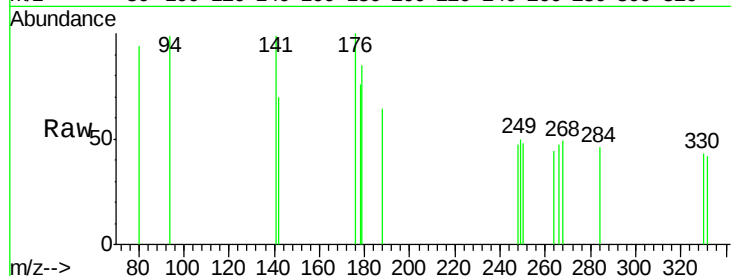
Tgt Ion:248 Resp: 8

Ion Ratio Lower Upper

248 100

250 102.0 62.7 94.1#

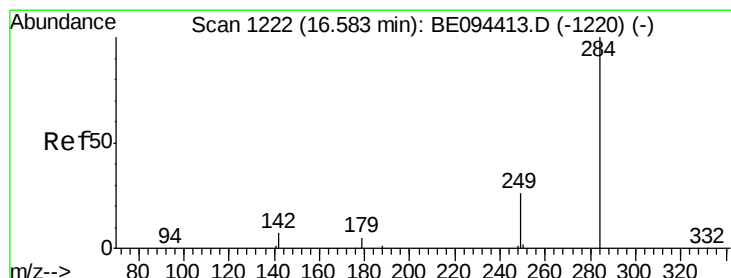
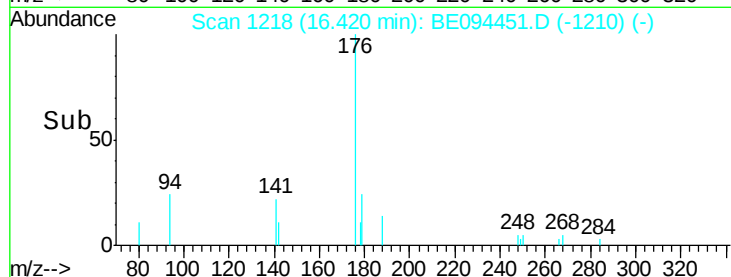
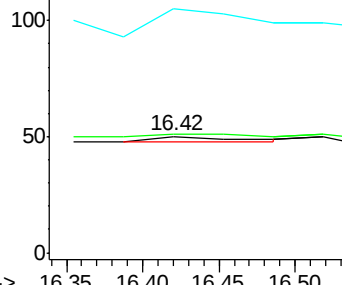
141 210.0 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#21

Hexachlorobenzene

Concen: 0.028 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

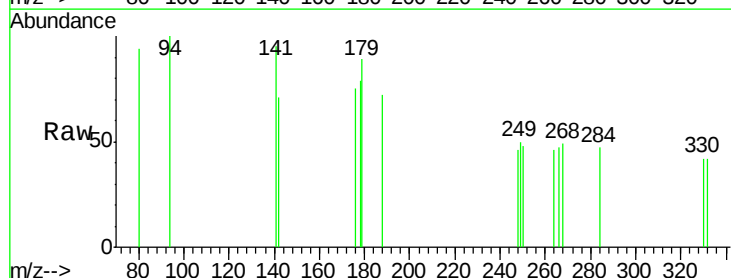
Tgt Ion:284 Resp: 6

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

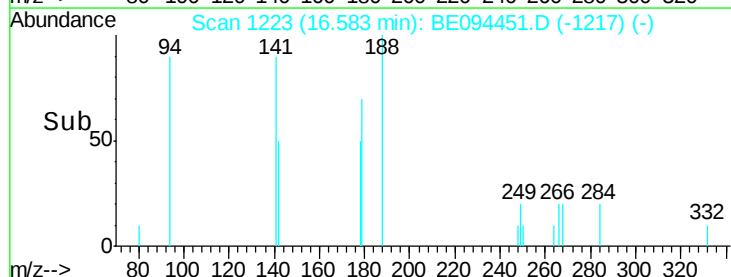
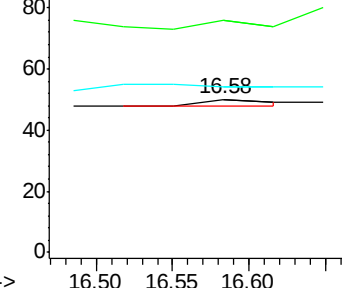
249 0.0 34.8 52.2#

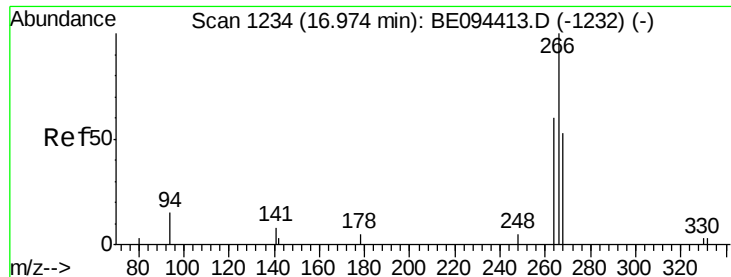


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.163 ng

RT: 16.94 min Scan# 1234

Delta R.T. -0.03 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

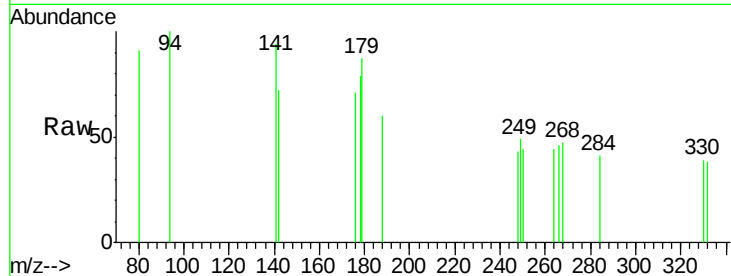
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 94.4 72.5 108.7

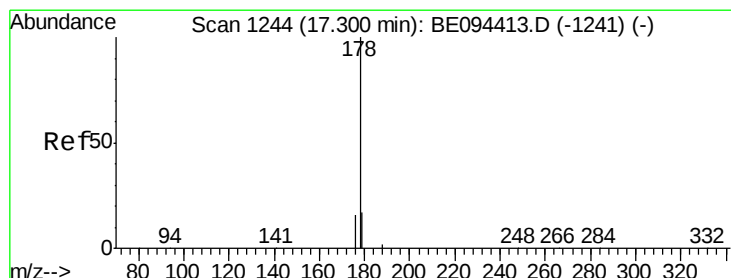
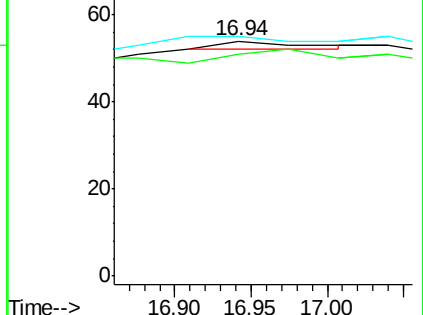
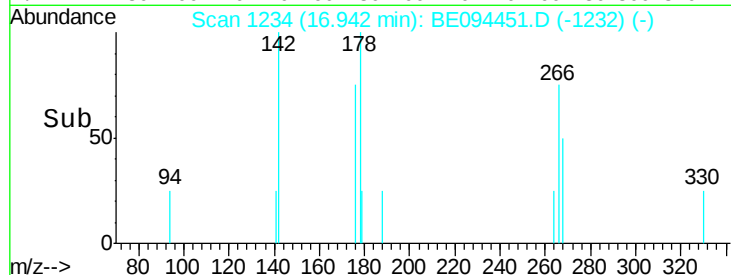
268 101.9 73.8 110.6



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: 0.021 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.07 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

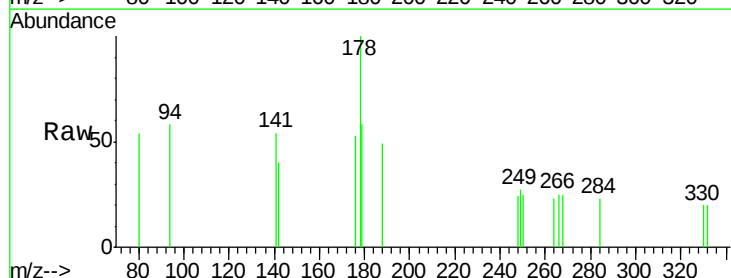
Tgt Ion:178 Resp: 902

Ion Ratio Lower Upper

178 100

176 32.0 15.1 22.7#

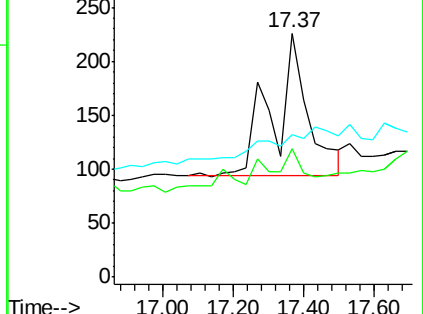
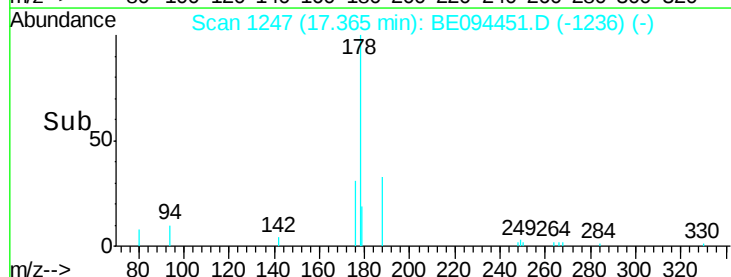
179 0.0 11.8 17.6#

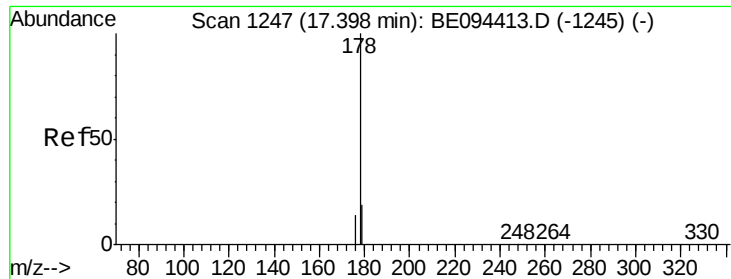


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.028 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

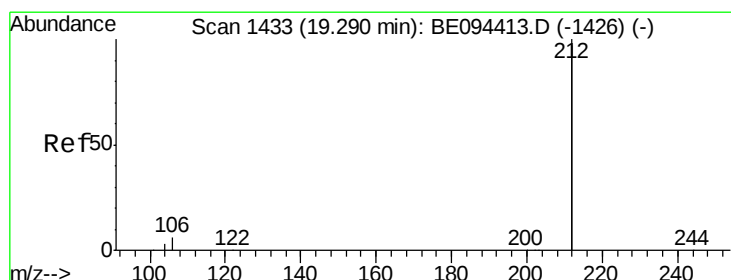
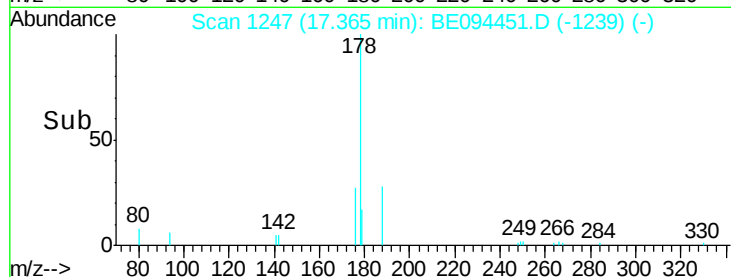
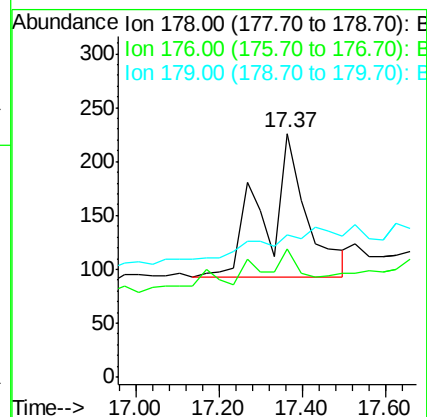
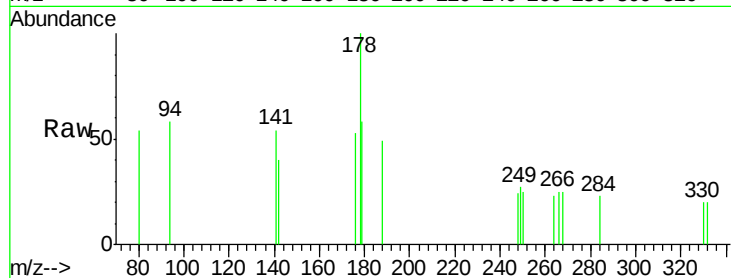
Tgt Ion:178 Resp: 921

Ion Ratio Lower Upper

178 100

176 26.7 12.8 19.2#

179 0.0 13.0 19.6#



#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

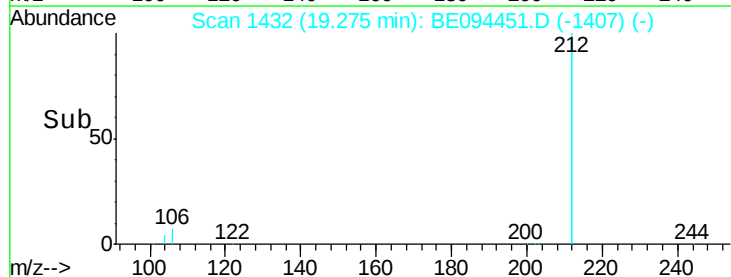
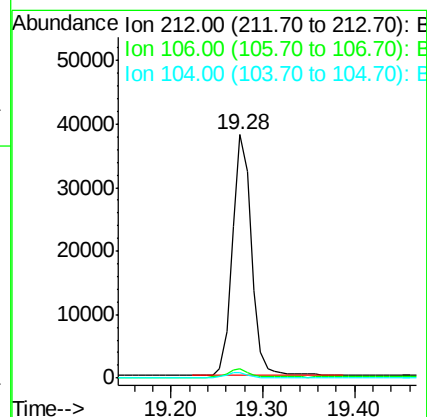
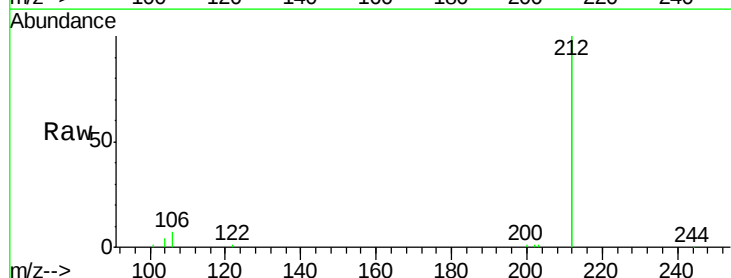
Tgt Ion:212 Resp: 54057

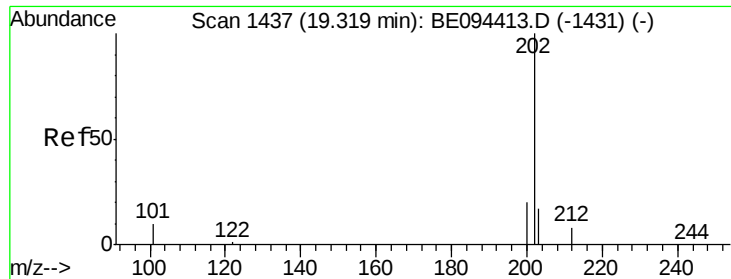
Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

104 2.0 1.6 2.4

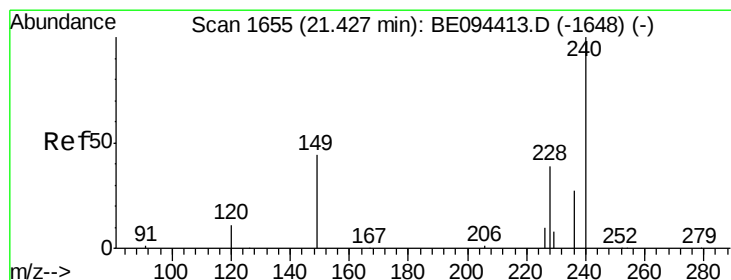
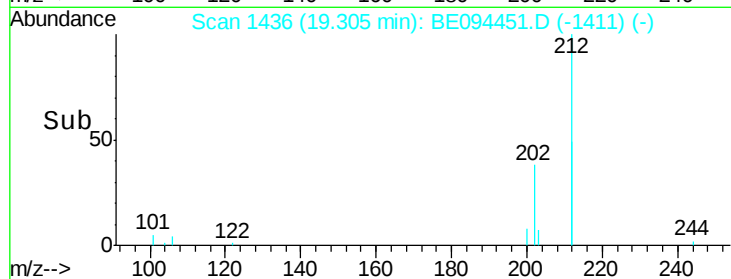
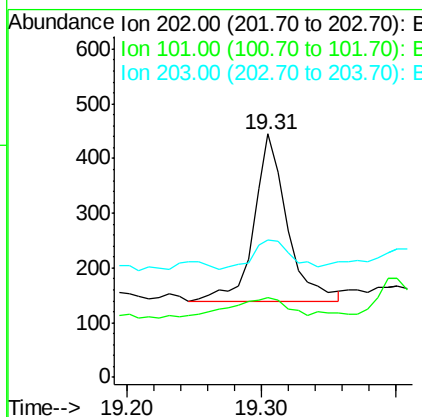
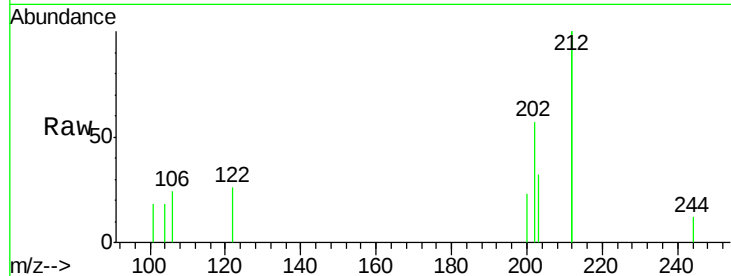




#26
 Fluoranthene
 Concen: 0.010 ng
 RT: 19.31 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

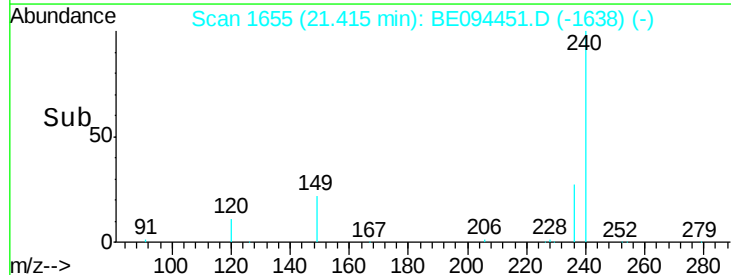
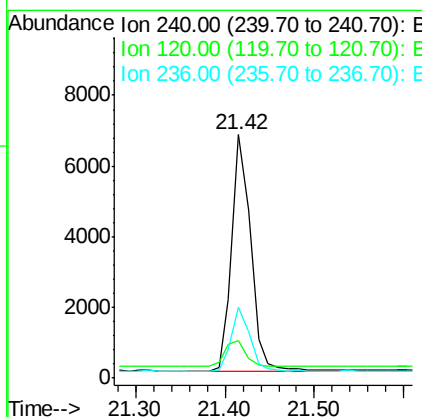
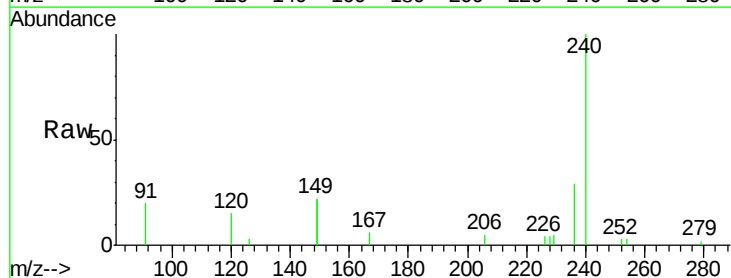
Instrument :
 BNA_E
 ClientSampled :
 3905-PP3

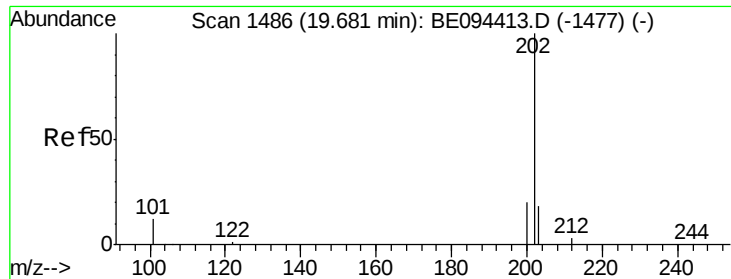
Tgt Ion: 202 Resp: 523
 Ion Ratio Lower Upper
 202 100
 101 22.0 9.8 14.8#
 203 20.7 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

Tgt Ion: 240 Resp: 9892
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.5 8.3#
 236 29.0 20.7 31.1





#28

Pyrene

Concen: 0.009 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

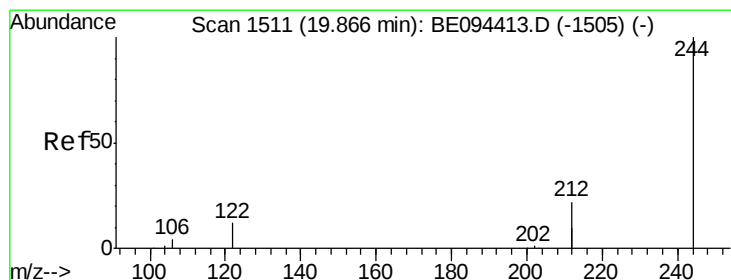
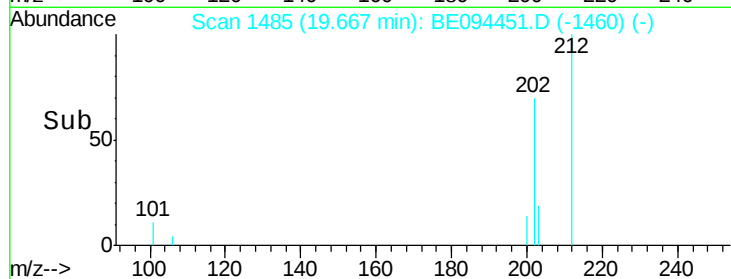
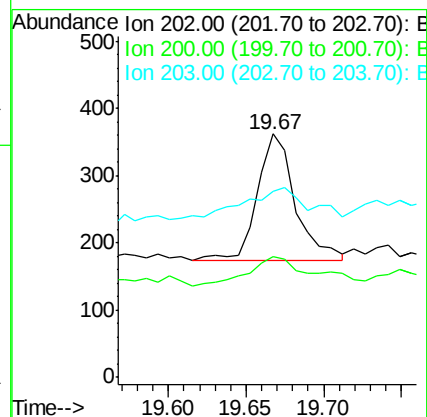
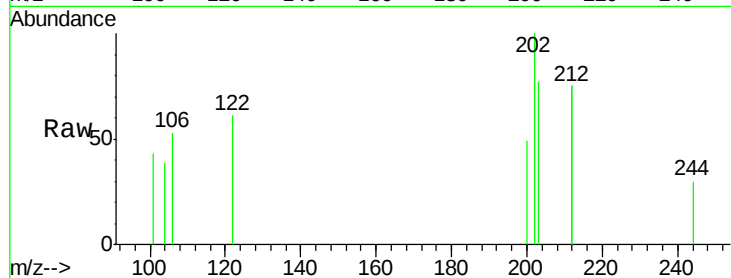
Tgt Ion:202 Resp: 324

Ion Ratio Lower Upper

202 100

200 41.0 16.6 25.0#

203 37.0 13.8 20.8#



#29

Terphenyl-d14

Concen: 0.707 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

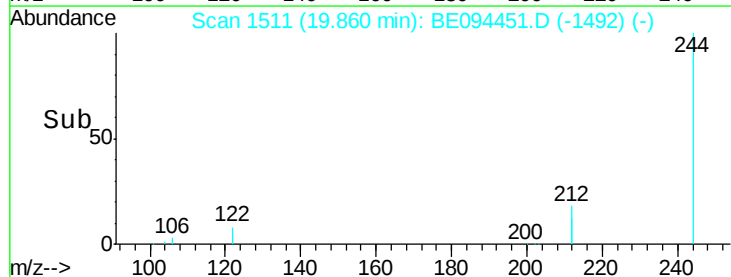
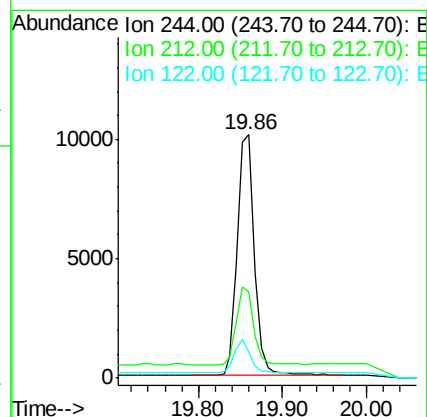
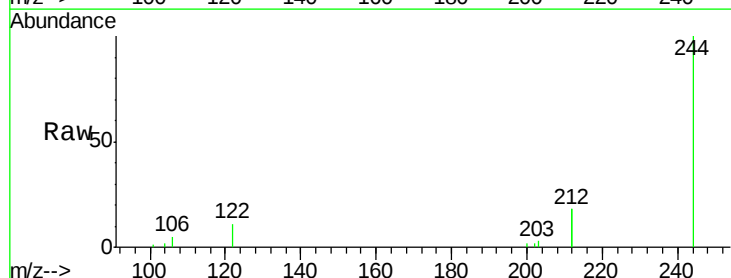
Tgt Ion:244 Resp: 14113

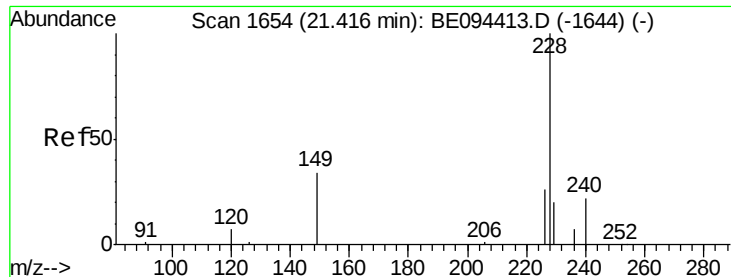
Ion Ratio Lower Upper

244 100

212 35.3 25.4 38.0

122 10.6 8.1 12.1





#30

Benzo(a)anthracene

Concen: 0.006 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampled :

3905-PP3

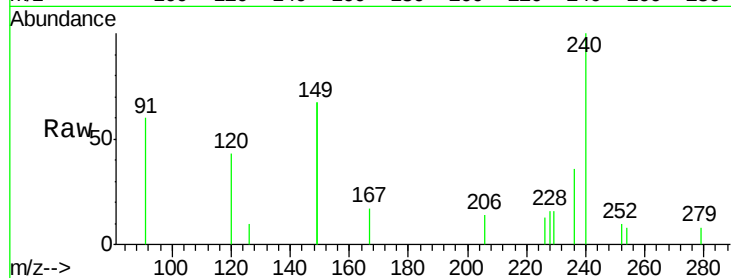
Tgt Ion:228 Resp: 215

Ion Ratio Lower Upper

228 100

226 81.7 40.0 60.0#

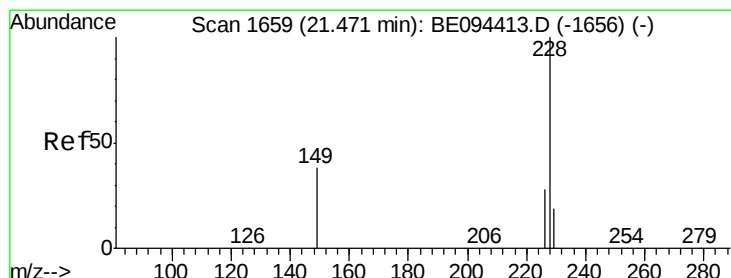
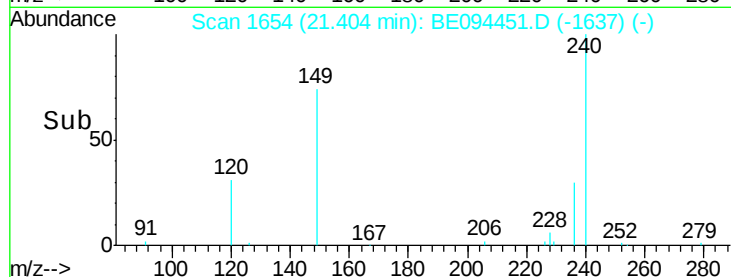
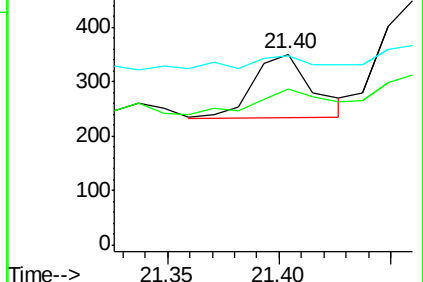
229 99.4 40.0 60.0#



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: 0.010 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

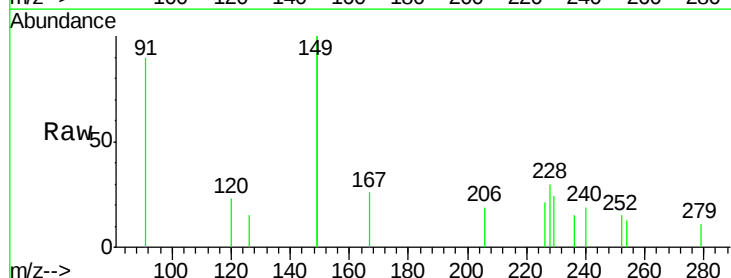
Tgt Ion:228 Resp: 333

Ion Ratio Lower Upper

228 100

226 69.4 40.0 60.0#

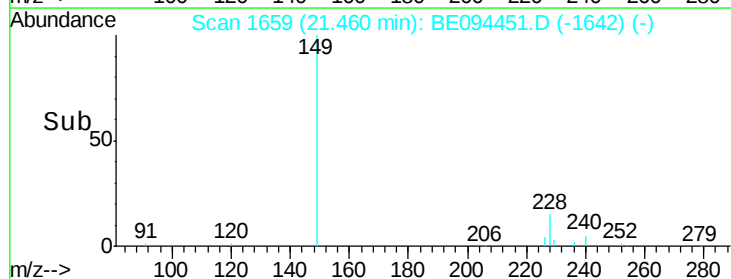
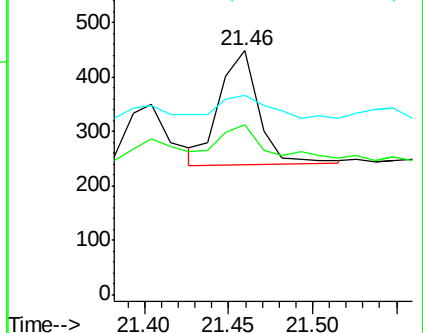
229 81.9 40.0 60.0#

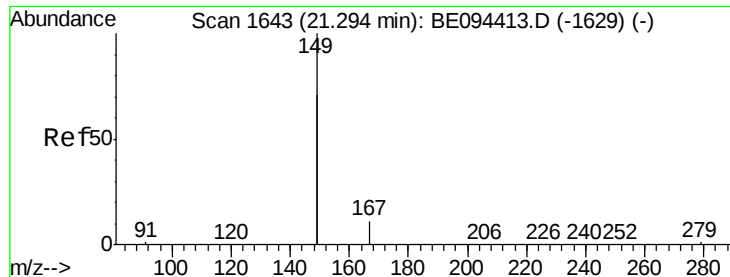


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.016 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

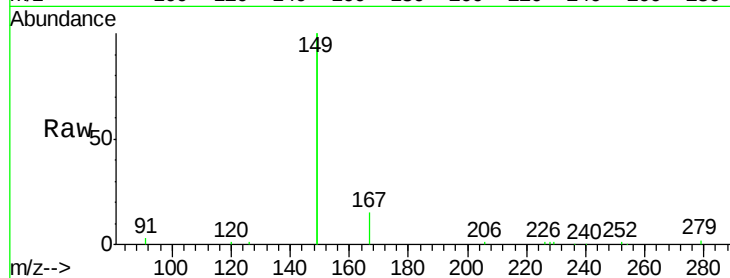
Tgt Ion:149 Resp: 100098

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

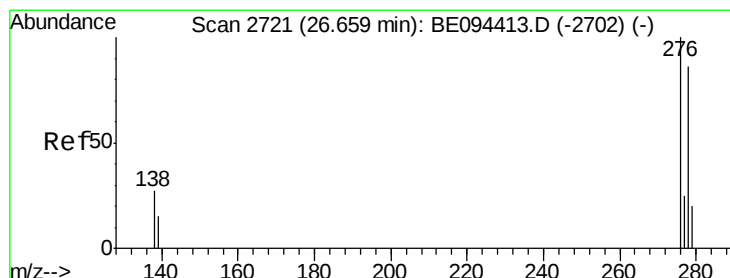
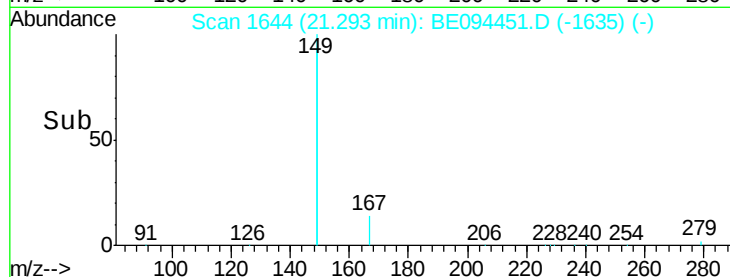
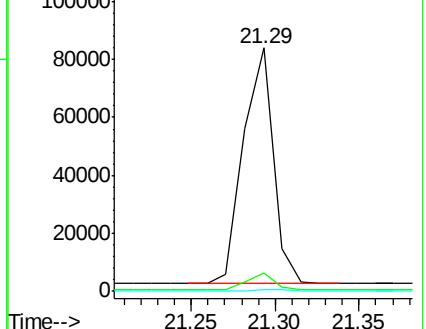
279 0.9 0.7 1.1



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: 0.008 ng

RT: 26.63 min Scan# 2715

Delta R.T. -0.03 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

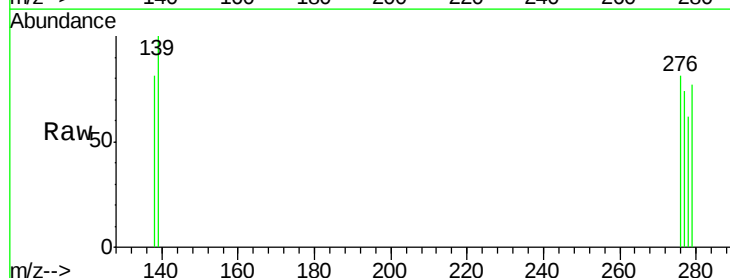
Tgt Ion:276 Resp: 255

Ion Ratio Lower Upper

276 100

138 23.1 22.5 33.7

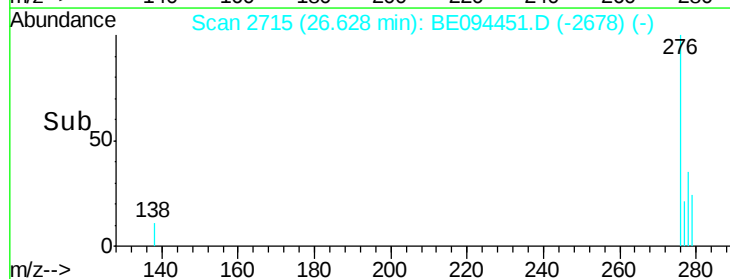
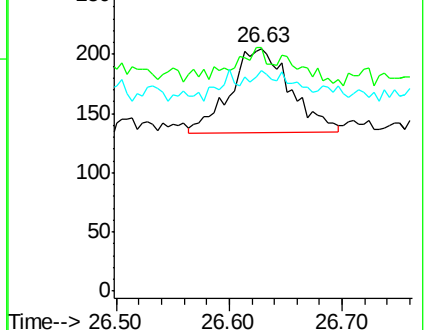
277 5.9 19.9 29.9#

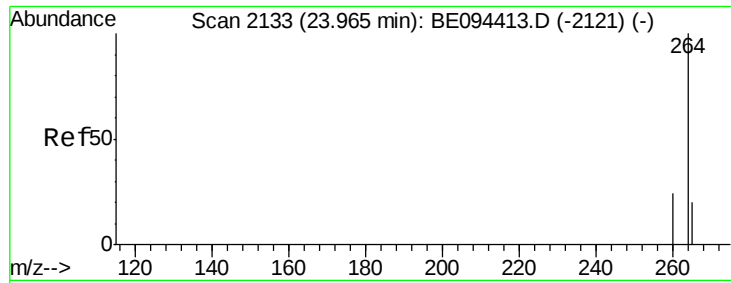


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

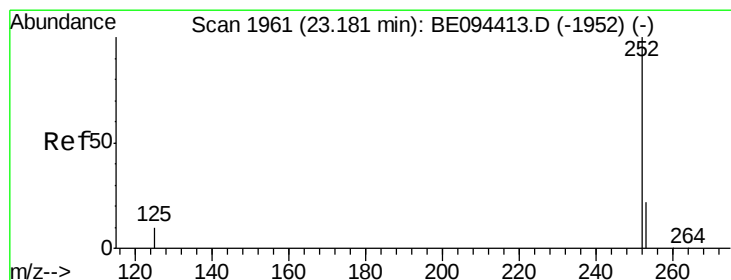
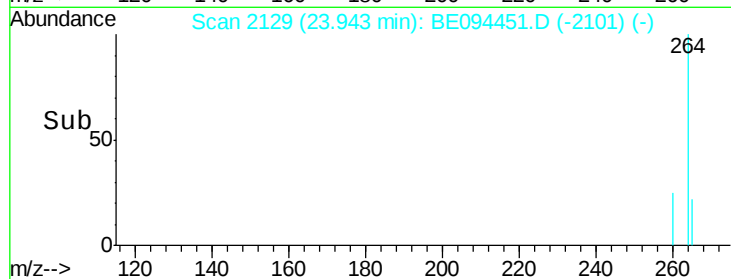
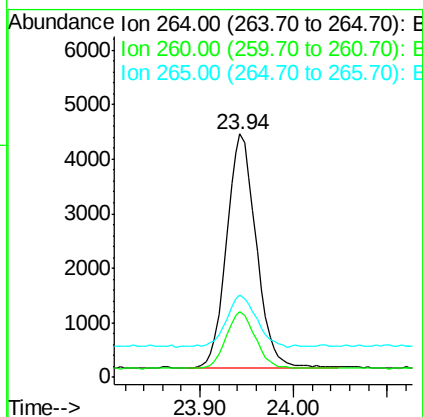
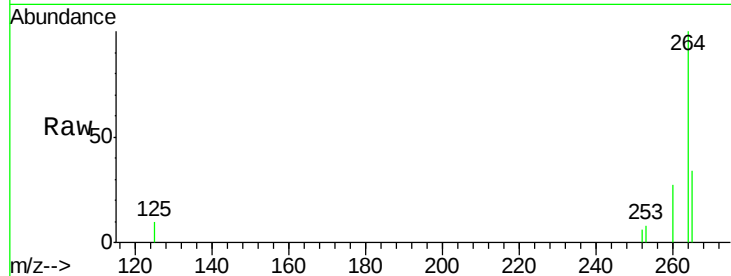




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

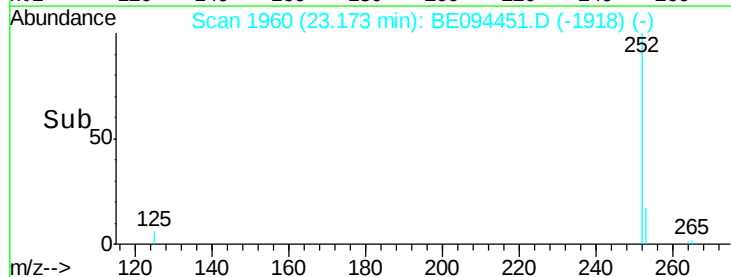
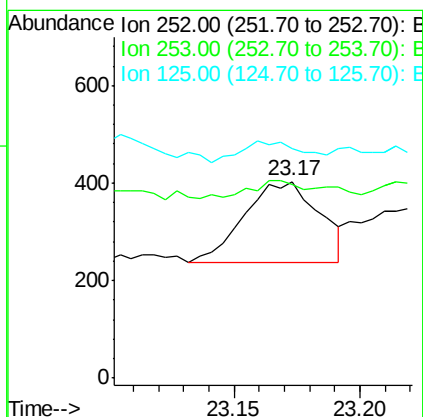
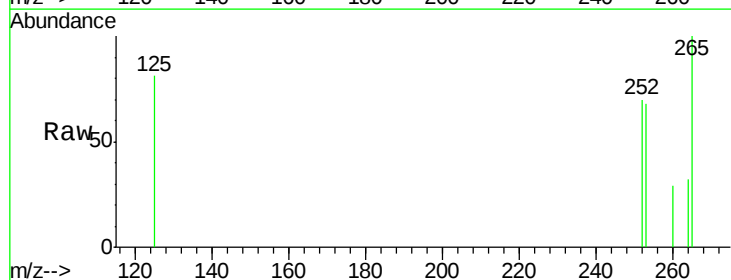
Instrument :
 BNA_E
 ClientSampleId :
 3905-PP3

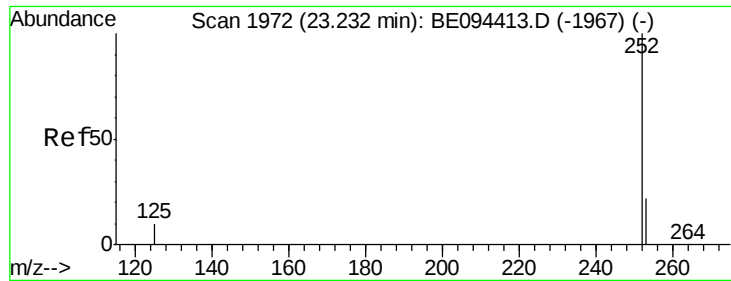
Tgt Ion: 264 Resp: 9387
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 33.8 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.011 ng
 RT: 23.17 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BE094451.D
 Acq: 19 Oct 2017 17:11

Tgt Ion: 252 Resp: 343
 Ion Ratio Lower Upper
 252 100
 253 98.3 48.0 72.0#
 125 116.6 56.0 84.0#





#36

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.22 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

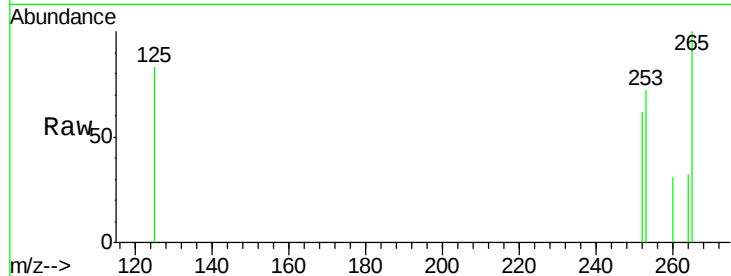
Tgt Ion: 252 Resp: 185

Ion Ratio Lower Upper

252 100

253 115.2 48.0 72.0#

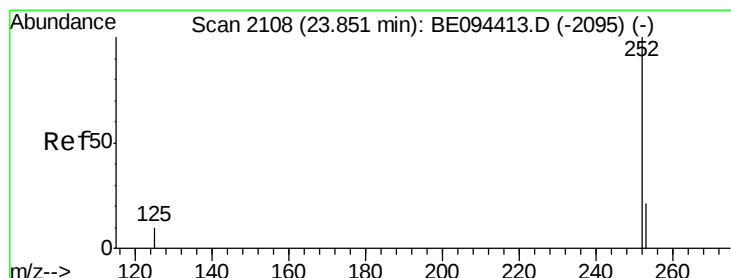
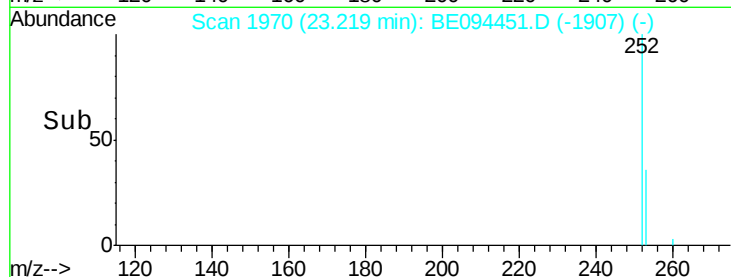
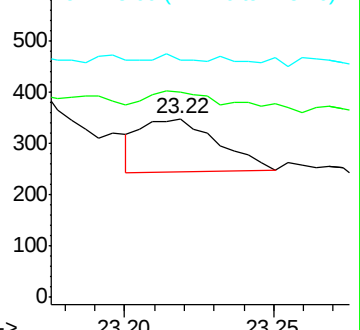
125 132.8 56.0 84.0#



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: 0.004 ng

RT: 23.82 min Scan# 2103

Delta R.T. -0.03 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

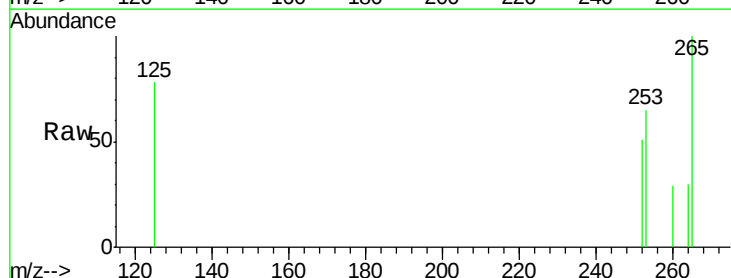
Tgt Ion: 252 Resp: 113

Ion Ratio Lower Upper

252 100

253 126.6 52.0 78.0#

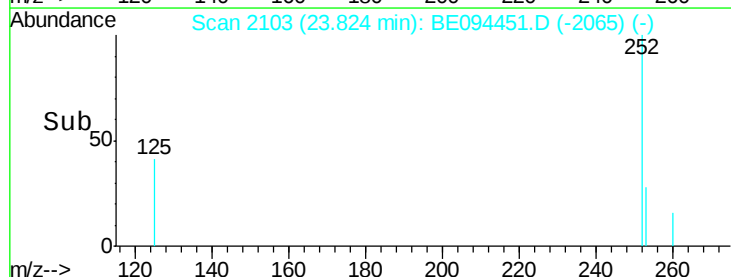
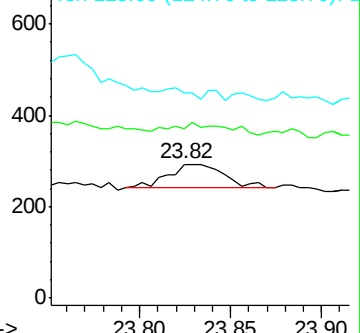
125 152.9 68.0 102.0#

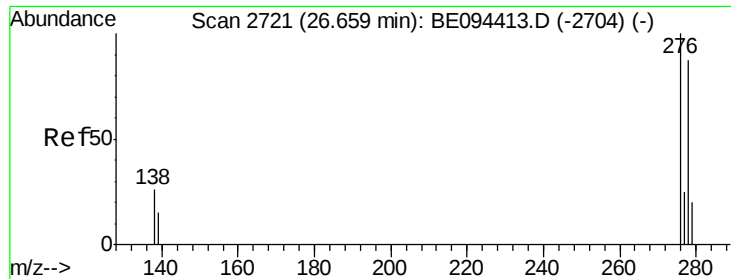


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.62 min Scan# 2714

Delta R.T. -0.04 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Instrument :

BNA_E

ClientSampleId :

3905-PP3

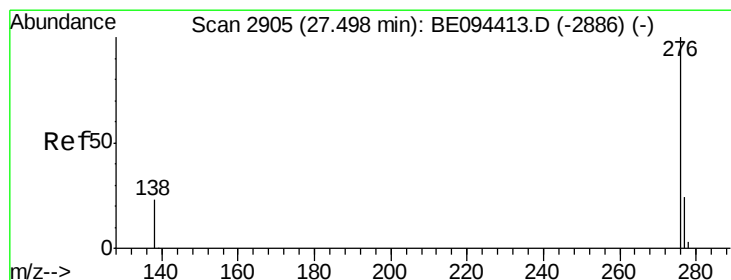
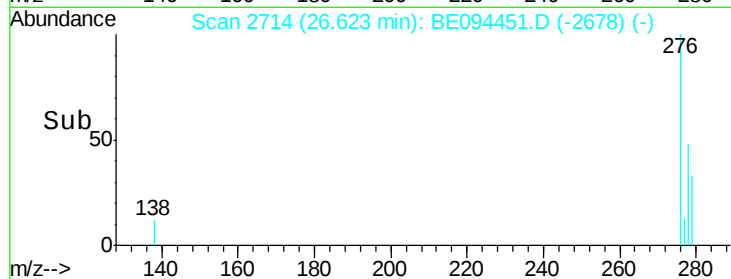
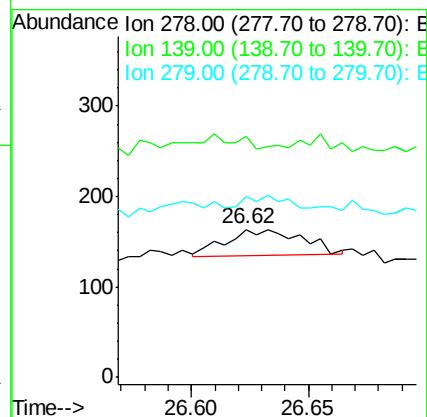
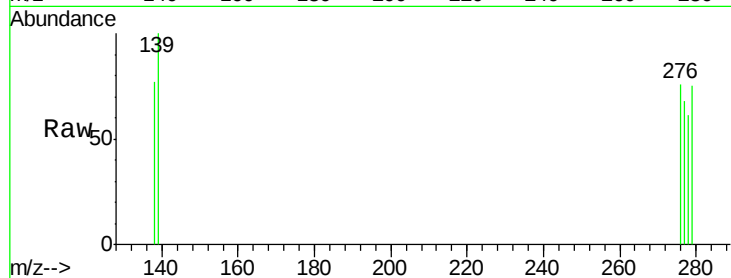
Tgt Ion:278 Resp: 65

Ion Ratio Lower Upper

278 100

139 162.8 56.0 84.0#

279 122.0 52.0 78.0#



#39

Benzo(g,h,i)perylene

Concen: 0.008 ng

RT: 27.46 min Scan# 2898

Delta R.T. -0.04 min

Lab File: BE094451.D

Acq: 19 Oct 2017 17:11

Tgt Ion:276 Resp: 220

Ion Ratio Lower Upper

276 100

277 93.3 52.0 78.0#

138 96.9 44.0 66.0#

