

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094459.D
 Acq On : 19 Oct 2017 23:21
 Operator : SJ/JU
 Sample : I5819-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3914-PA3

Quant Time: Oct 20 12:43:29 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	1526	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	7793	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4650	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	12689	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	10539	0.40	ng	-0.01
34) Perylene-d12	23.95	264	9716	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1190	0.23	ng	0.00
5) Phenol-d6	7.14	99	1025	0.13	ng	0.00
8) Nitrobenzene-d5	9.08	82	3391	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5992	0.50	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	614	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	8588	0.52	ng	-0.01
25) Fluoranthene-d10	19.27	212	62764	0.31	ng	-0.01
29) Terphenyl-d14	19.85	244	12319	0.58	ng	-0.01

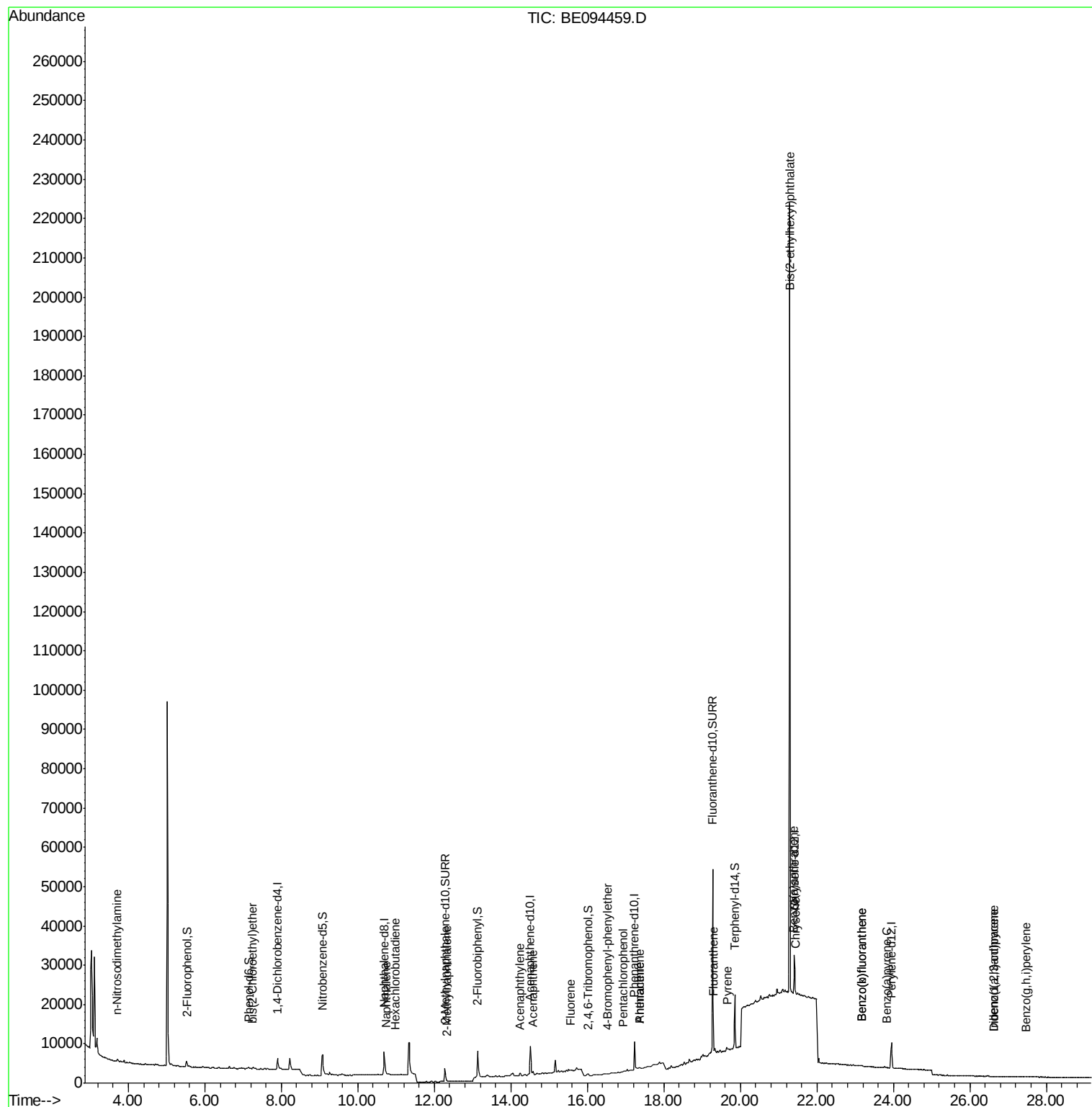
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	33	Below Cal		# 16
3) n-Nitrosodimethylamine	3.71	42	57	0.021	ng	# 10
6) bis(2-Chloroethyl)ether	7.25	93	827	0.139	ng	# 1
9) Naphthalene	10.74	128	391	0.004	ng	# 59
10) Hexachlorobutadiene	10.97	225	4	0.001	ng	# 17
12) 2-Methylnaphthalene	12.35	142	17	0.001	ng	# 46
16) Acenaphthylene	14.23	152	276	0.011	ng	# 55
17) Acenaphthene	14.57	154	262	0.017	ng	# 97
18) Fluorene	15.56	166	123	0.006	ng	# 1
20) 4-Bromophenyl-phenylether	16.52	248	74	0.012	ng	# 1
22) Pentachlorophenol	16.94	266	94	0.227	ng	# 93
23) Phenanthrene	17.37	178	1729	0.035	ng	# 29
24) Anthracene	17.37	178	1729	0.045	ng	# 46
26) Fluoranthene	19.30	202	394	0.006	ng	# 53
28) Pyrene	19.67	202	432	0.011	ng	# 66
30) Benzo(a)anthracene	21.40	228	175	0.005	ng	# 7
31) Chrysene	21.45	228	137	0.004	ng	# 10
32) Bis(2-ethylhexyl)phthalate	21.29	149	217123	2.068	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.63	276	64	0.002	ng	# 84
35) Benzo(b)fluoranthene	23.17	252	234	0.007	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	234	0.007	ng	# 1
37) Benzo(a)pyrene	23.83	252	170	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.62	278	20	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.47	276	83	0.003	ng	# 22

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

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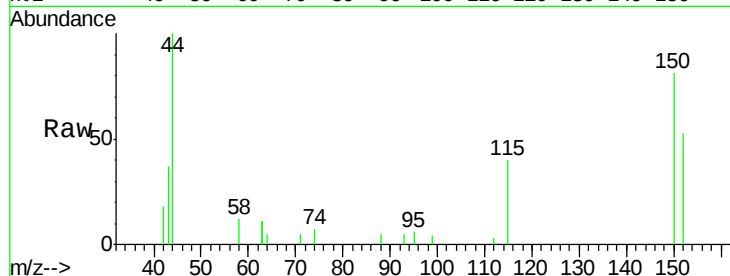


#1

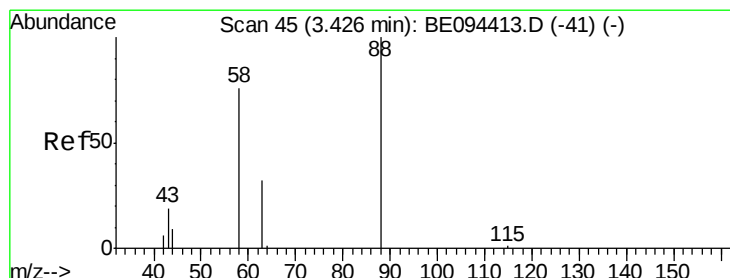
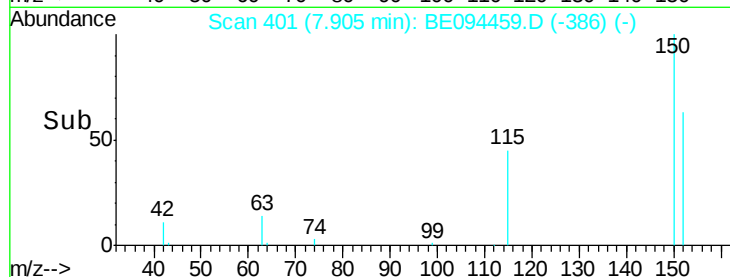
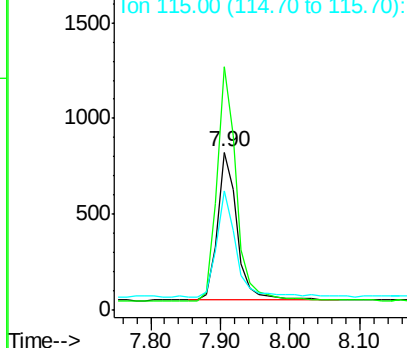
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

Instrument :
BNA_E
ClientSampleId :
3914-PA3

Tgt Ion: 152 Resp: 1526
Ion Ratio Lower Upper
152 100
150 153.6 117.2 175.8
115 75.7 57.0 85.6



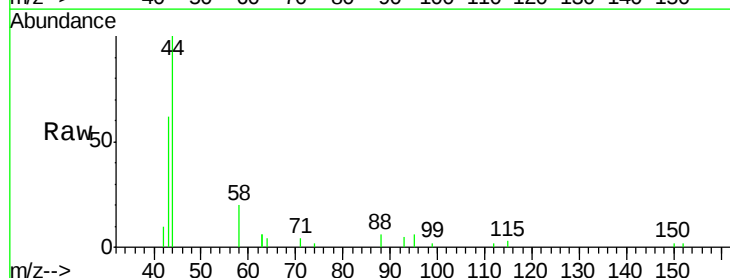
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



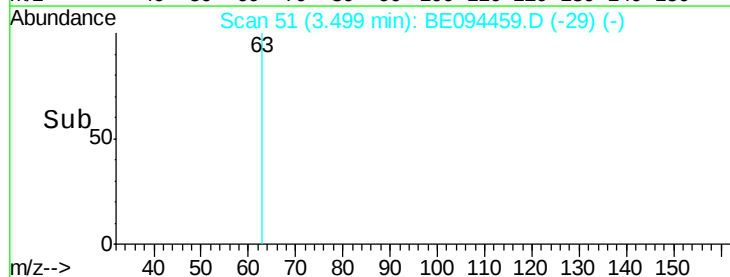
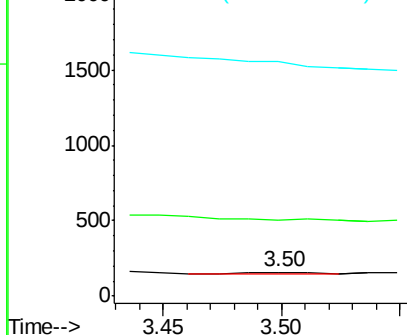
#2

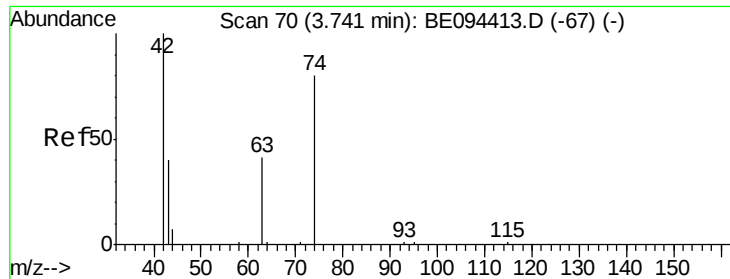
1,4-Dioxane
Concen: Below Cal
RT: 3.50 min Scan# 51
Delta R.T. 0.07 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

Tgt Ion: 88 Resp: 33
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



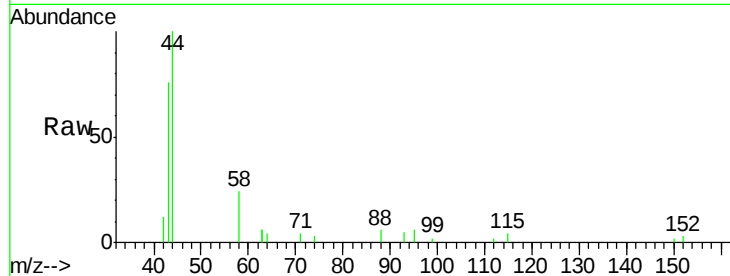


#3

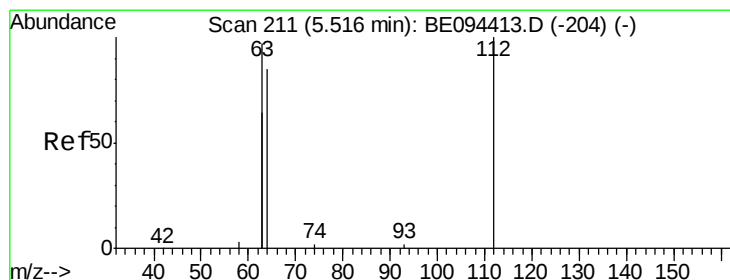
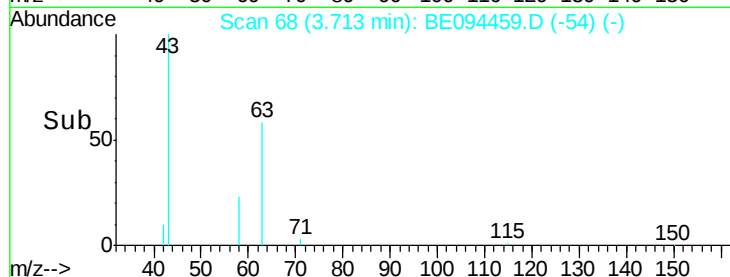
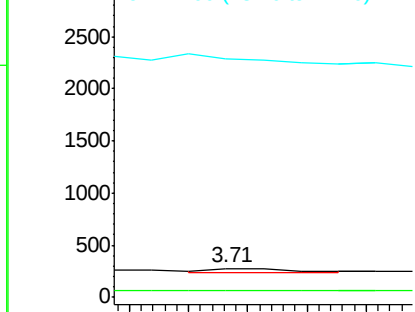
n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.71 min Scan# 68
 Delta R.T. -0.03 min
 Lab File: BE094459.D
 Acq: 19 Oct 2017 23:21

Instrument :
 BNA_E
 ClientSampleId :
 3914-PA3

Tgt Ion: 42 Resp: 57
 Ion Ratio Lower Upper
 42 100
 74 14.0 100.3 150.5#
 44 0.0 17.0 25.4#



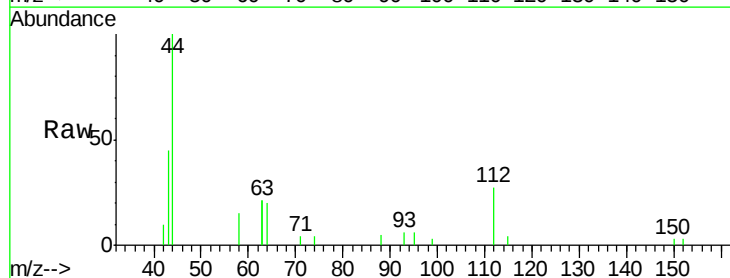
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



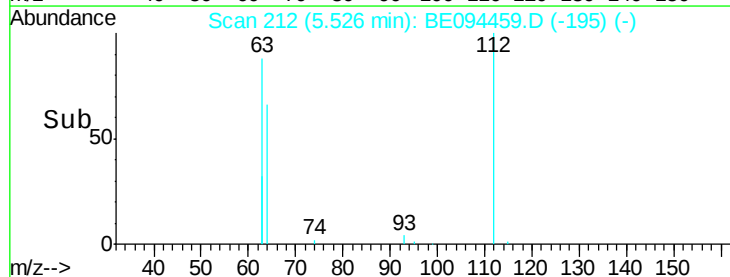
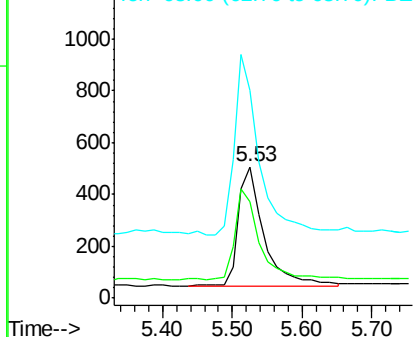
#4

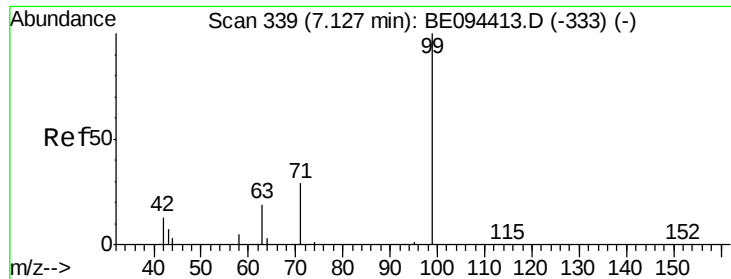
2-Fluorophenol
 Concen: 0.231 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BE094459.D
 Acq: 19 Oct 2017 23:21

Tgt Ion: 112 Resp: 1190
 Ion Ratio Lower Upper
 112 100
 64 73.8 60.1 90.1
 63 143.4 116.8 175.2



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: 0.127 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

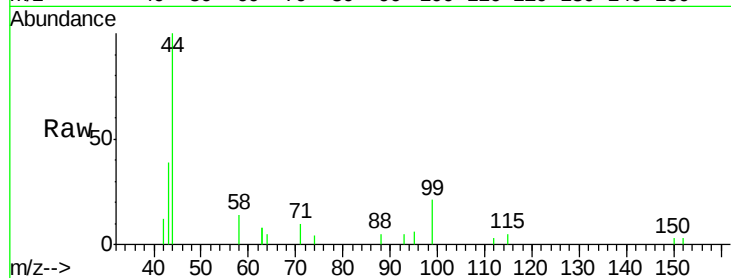
Tgt Ion: 99 Resp: 1025

Ion Ratio Lower Upper

99 100

42 18.6 20.2 30.2#

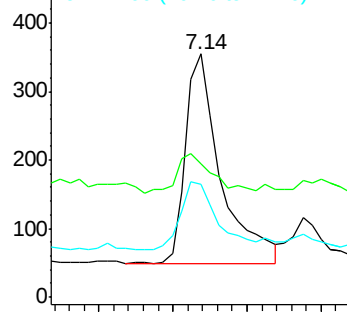
71 33.3 28.4 42.6



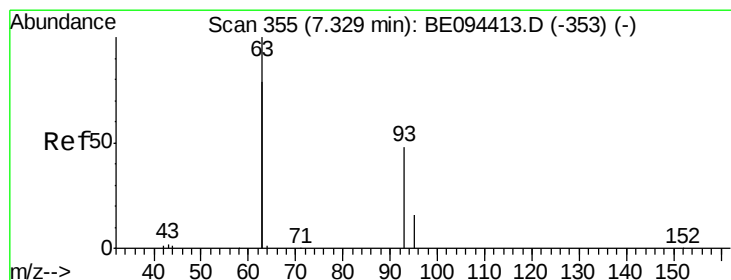
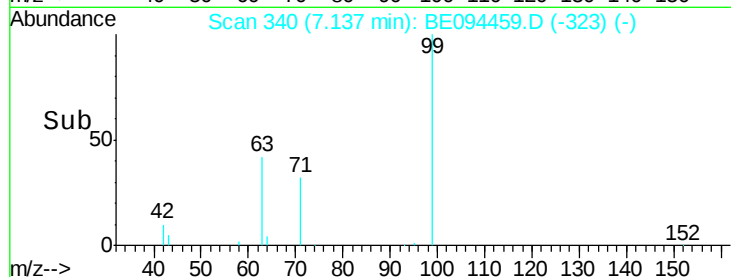
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.139 ng

RT: 7.25 min Scan# 349

Delta R.T. -0.08 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

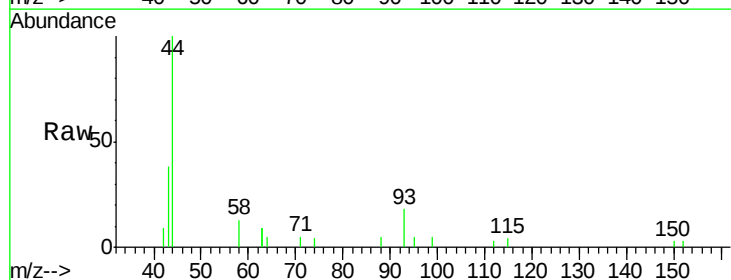
Tgt Ion: 93 Resp: 827

Ion Ratio Lower Upper

93 100

63 27.6 275.3 412.9#

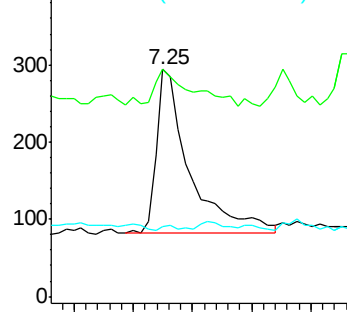
95 1.1 25.2 37.8#



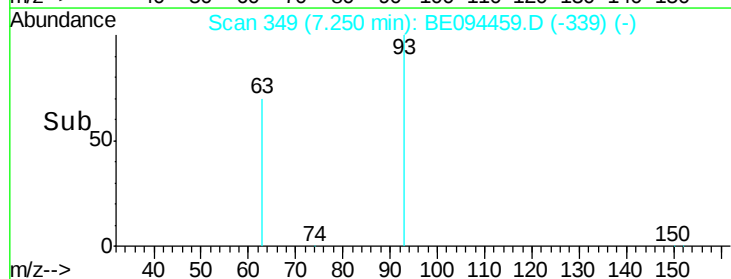
Abundance Ion 93.00 (92.70 to 93.70): BE0

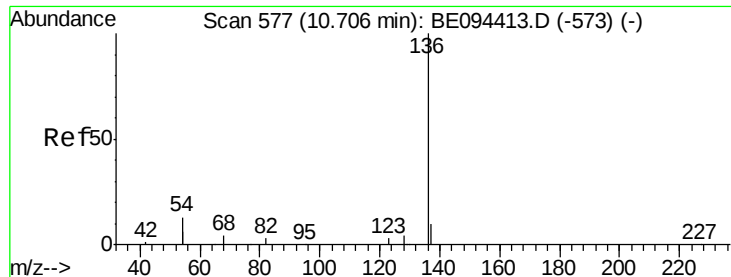
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

Tgt Ion: 136 Resp: 7793

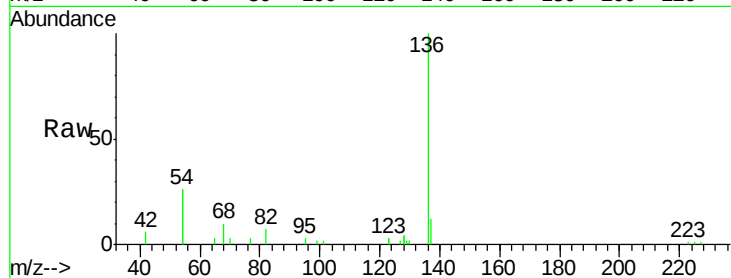
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 52.2 29.1 43.7#

68 10.3 6.2 9.2#

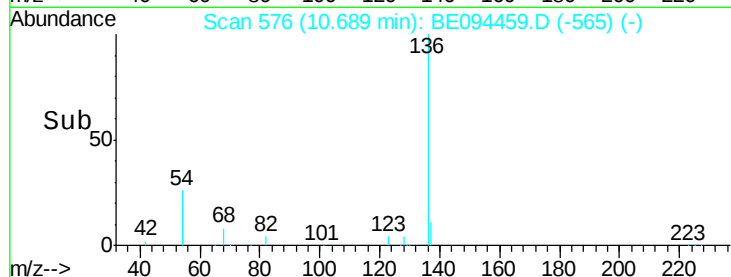


Abundance Ion 136.00 (135.70 to 136.70): E

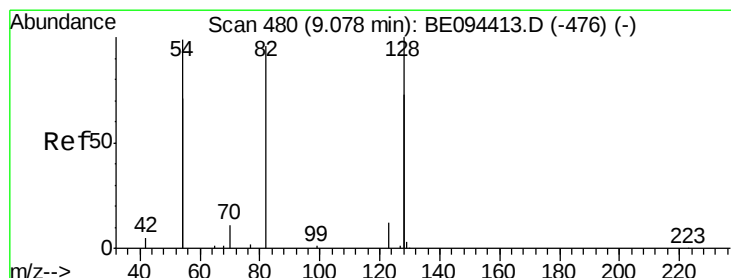
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.501 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

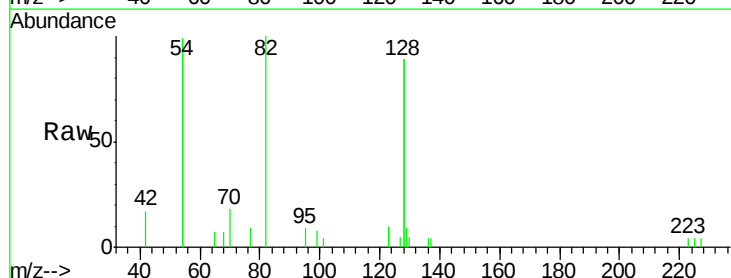
Tgt Ion: 82 Resp: 3391

Ion Ratio Lower Upper

82 100

128 178.3 150.0 225.0

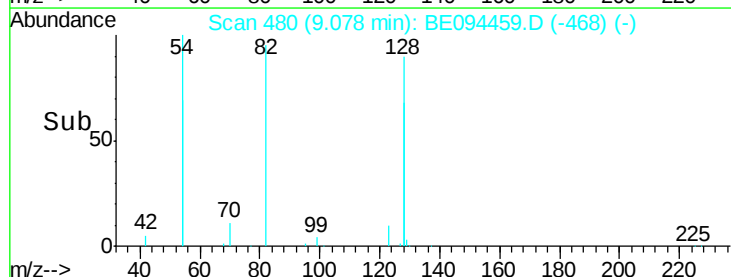
54 197.1 154.2 231.4



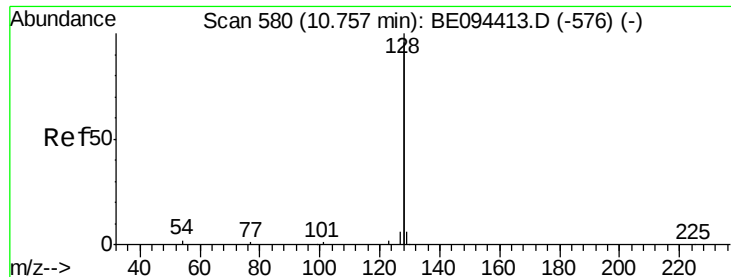
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.004 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

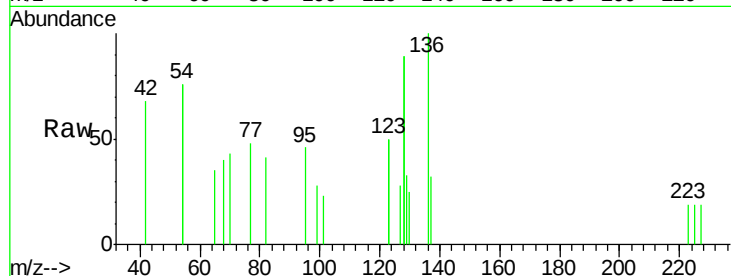
Tgt Ion:128 Resp: 391

Ion Ratio Lower Upper

128 100

129 18.3 2.6 3.8#

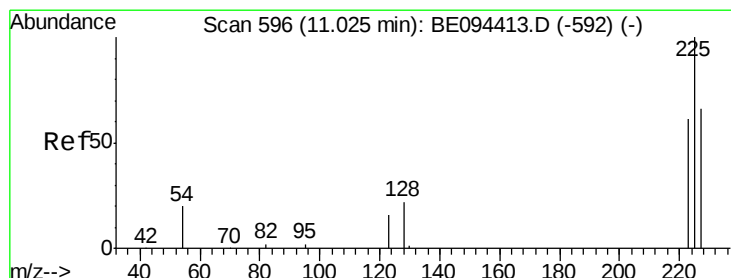
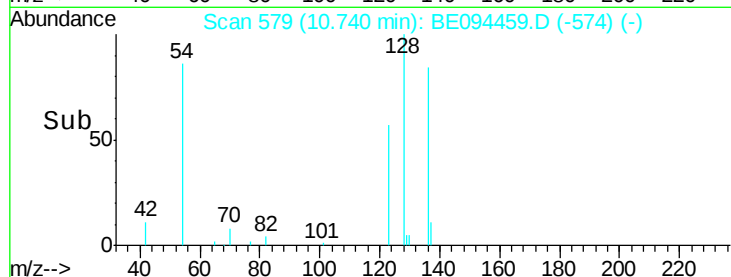
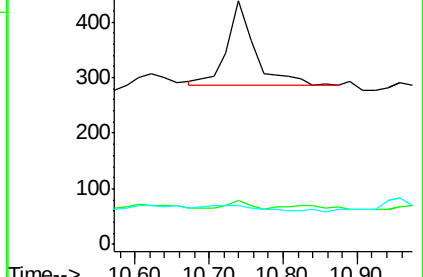
127 15.8 2.8 4.2#



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: 0.001 ng

RT: 10.97 min Scan# 593

Delta R.T. -0.05 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

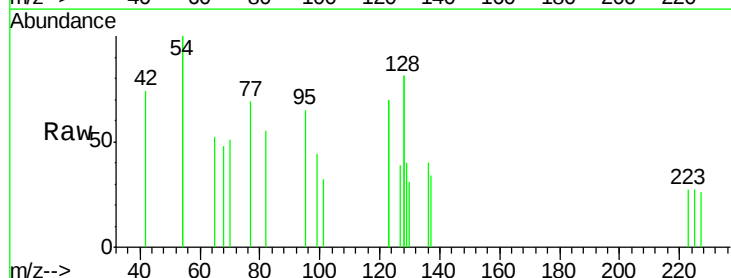
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

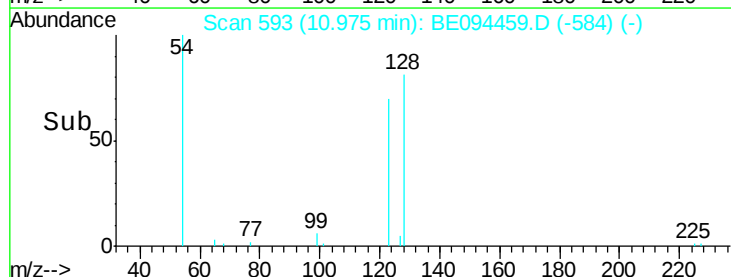
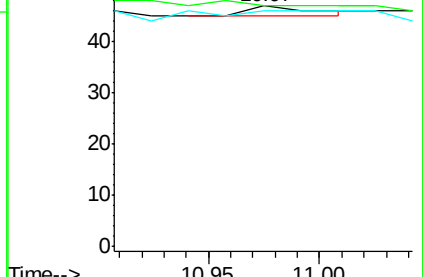
227 0.0 51.4 77.2#



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: 0.499 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

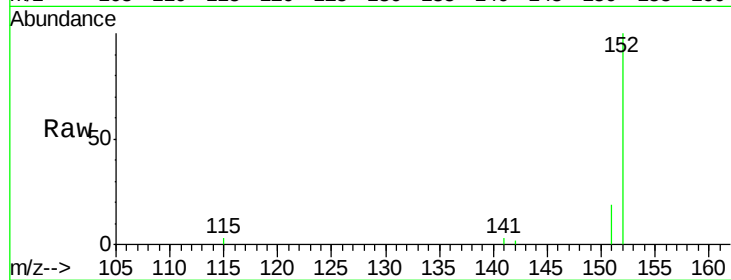
3914-PA3

Tgt Ion:152 Resp: 5992

Ion Ratio Lower Upper

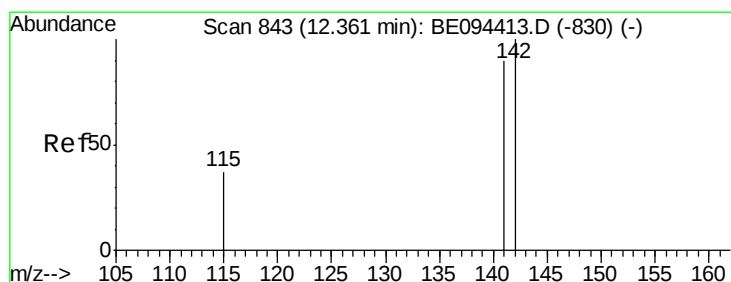
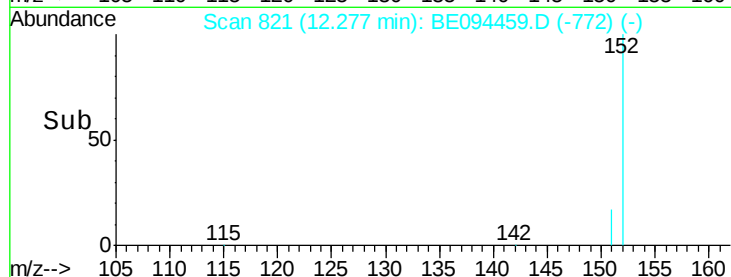
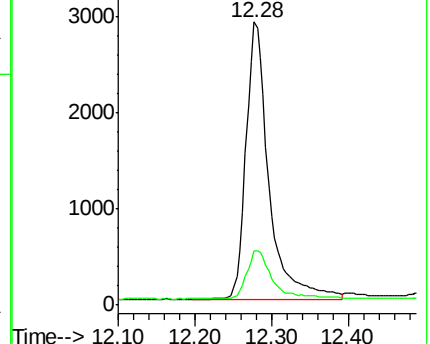
152 100

151 18.8 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: 0.001 ng

RT: 12.35 min Scan# 839

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

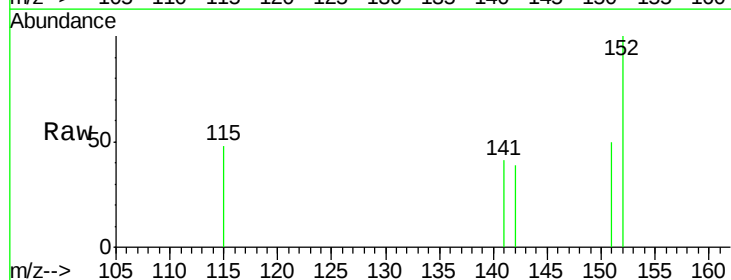
Tgt Ion:142 Resp: 17

Ion Ratio Lower Upper

142 100

141 103.8 70.4 105.6

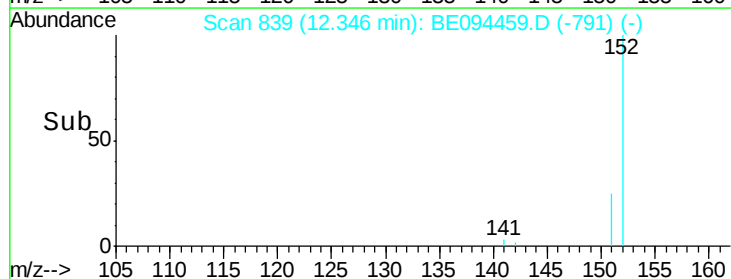
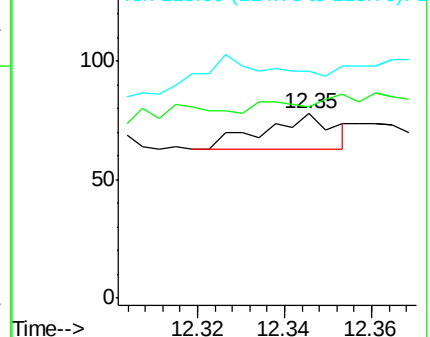
115 123.1 31.7 47.5#

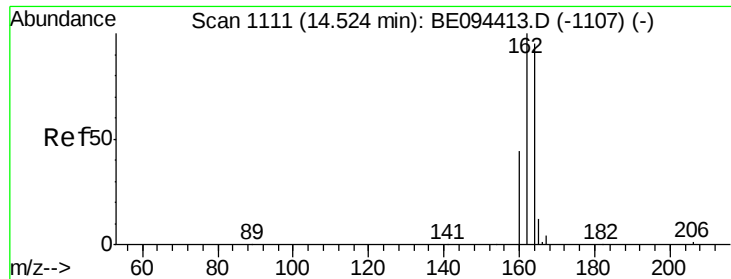


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

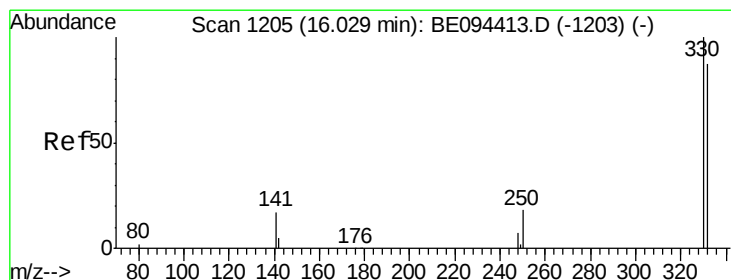
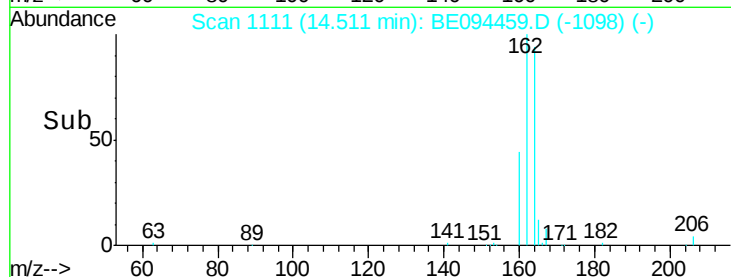
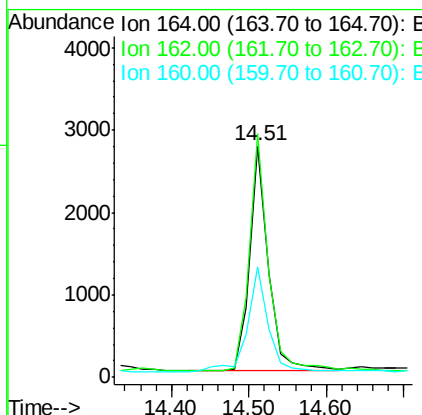
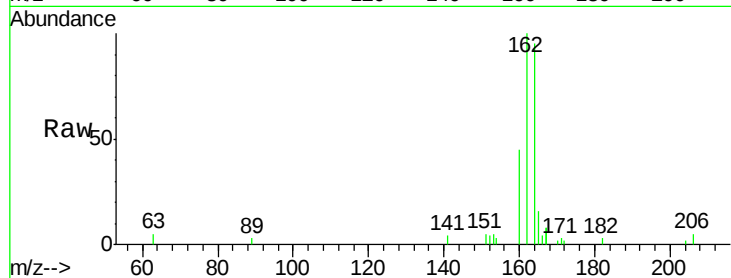




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

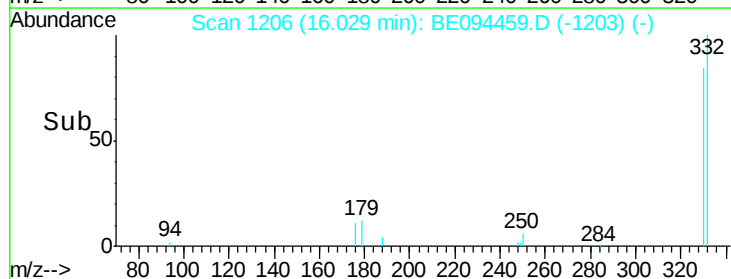
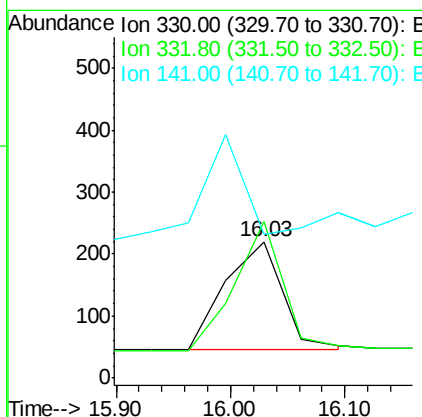
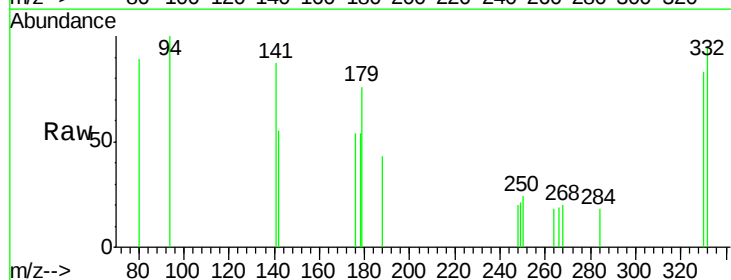
Instrument :
BNA_E
ClientSampleId :
3914-PA3

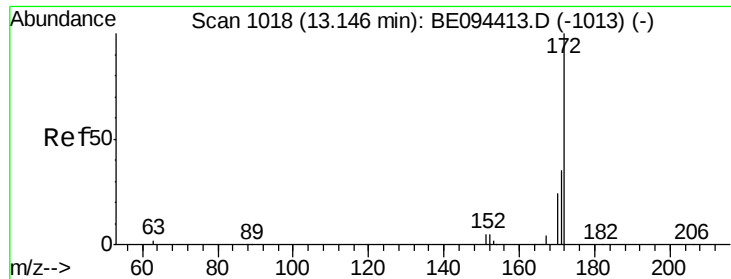
Tgt Ion:164 Resp: 4650
Ion Ratio Lower Upper
164 100
162 105.3 83.1 124.7
160 47.8 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

Tgt Ion:330 Resp: 614
Ion Ratio Lower Upper
330 100
332 100.3 152.7 229.1#
141 0.0 33.7 50.5#

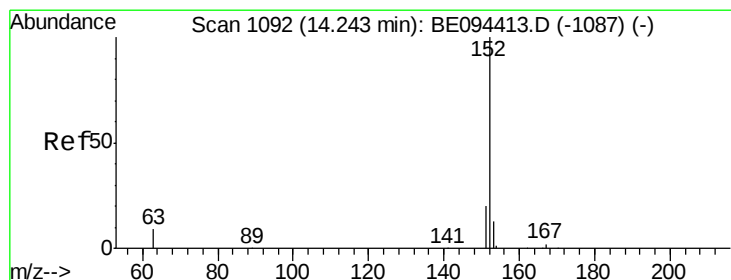
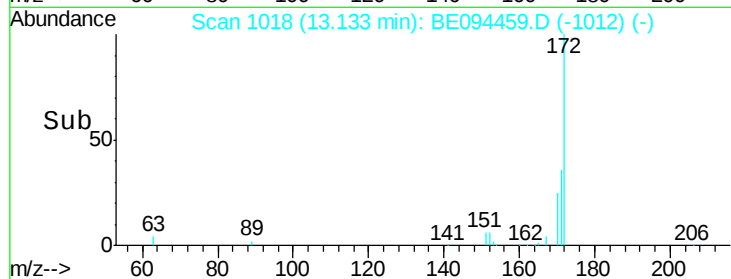
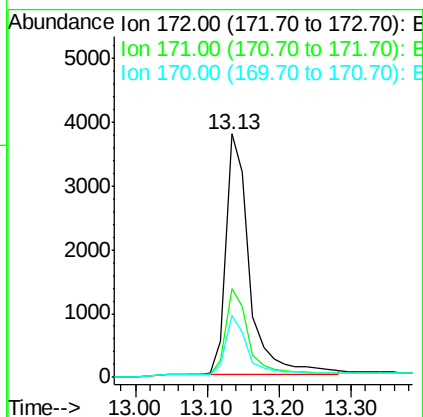
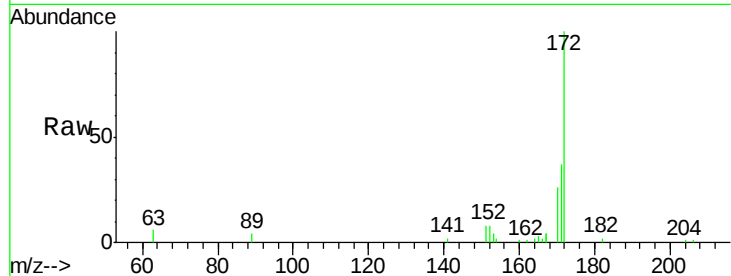




#15
2-Fluorobiphenyl
Concen: 0.517 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

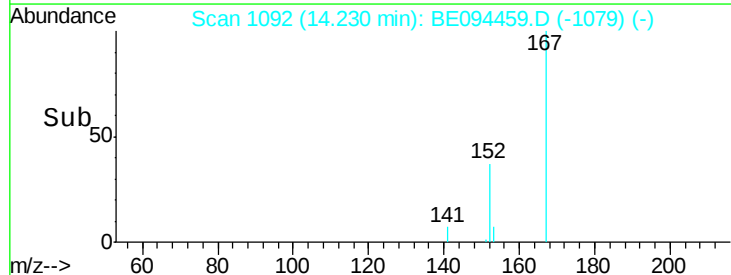
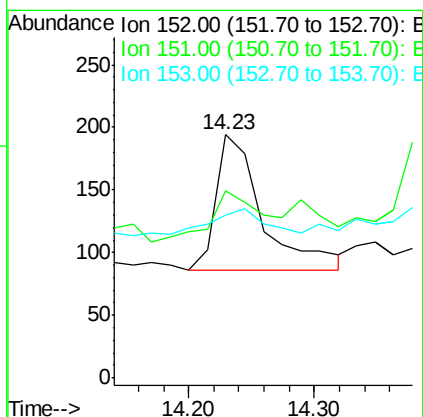
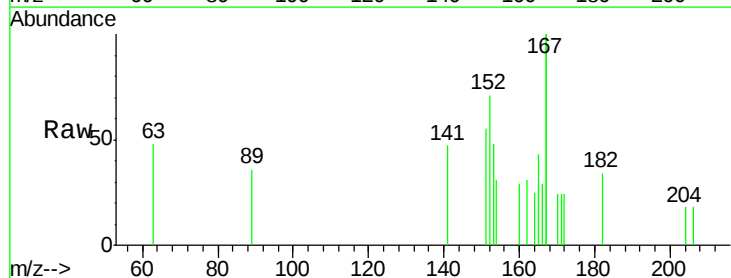
Instrument :
BNA_E
ClientSampleId :
3914-PA3

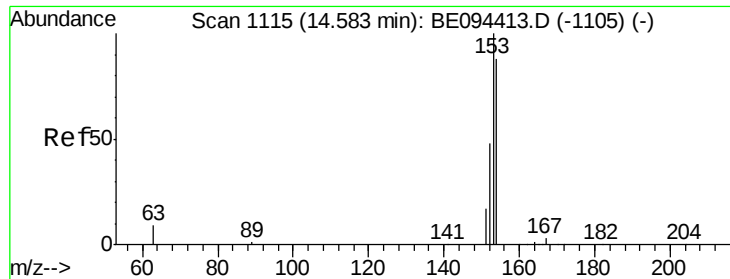
Tgt Ion:172 Resp: 8588
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.011 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

Tgt Ion:152 Resp: 276
Ion Ratio Lower Upper
152 100
151 42.8 15.7 23.5#
153 27.5 10.5 15.7#





#17

Acenaphthene

Concen: 0.017 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

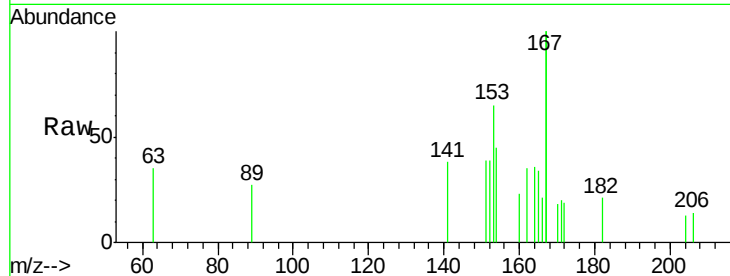
Tgt Ion:154 Resp: 262

Ion Ratio Lower Upper

154 100

153 113.4 89.2 133.8

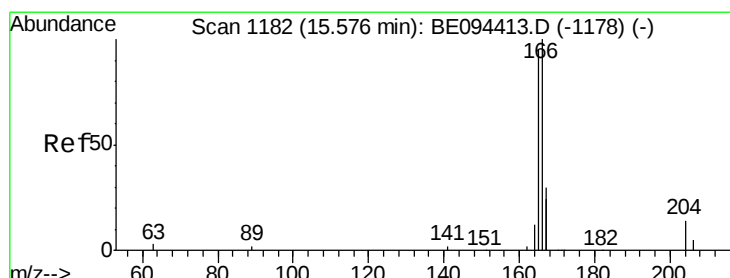
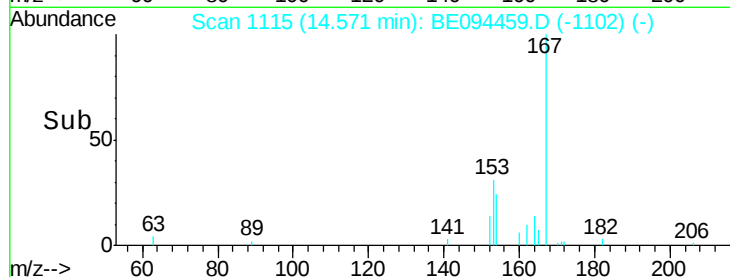
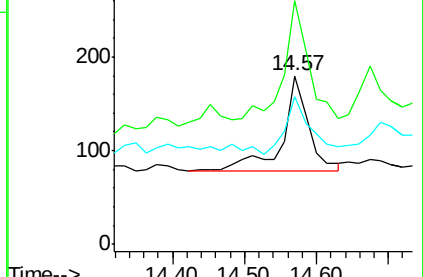
152 57.3 42.0 63.0



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: BE094459.D

Acq: 19 Oct 2017 23:21

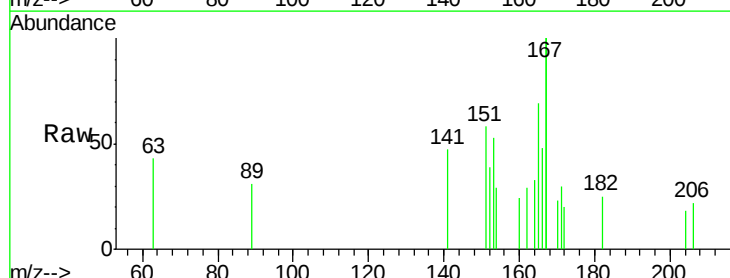
Tgt Ion:166 Resp: 123

Ion Ratio Lower Upper

166 100

165 332.5 77.8 116.6#

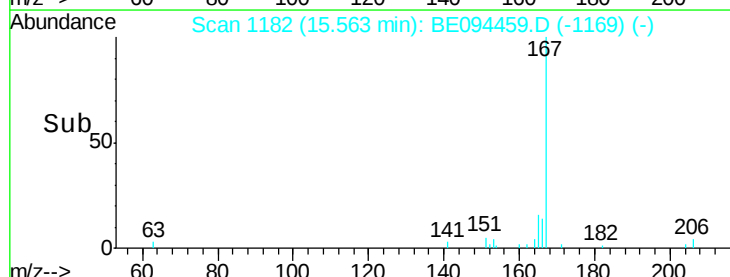
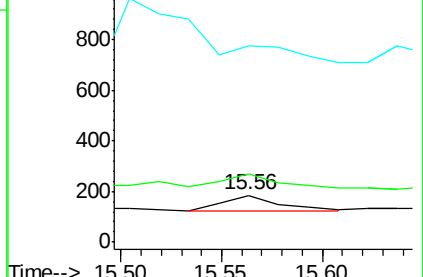
167 0.0 42.4 63.6#

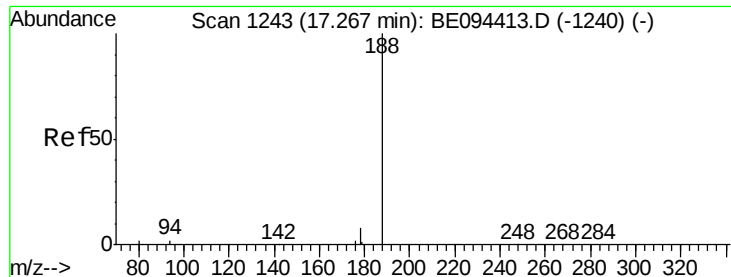


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

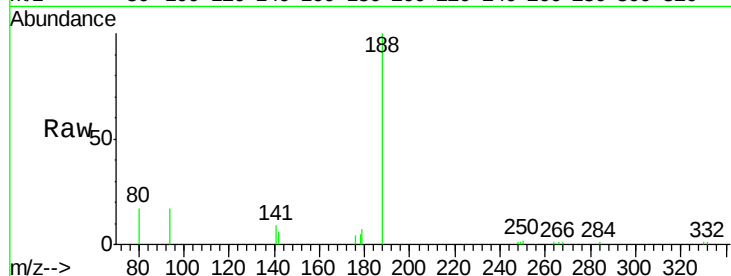
Tgt Ion:188 Resp: 12689

Ion Ratio Lower Upper

188 100

94 17.5 3.9 5.9#

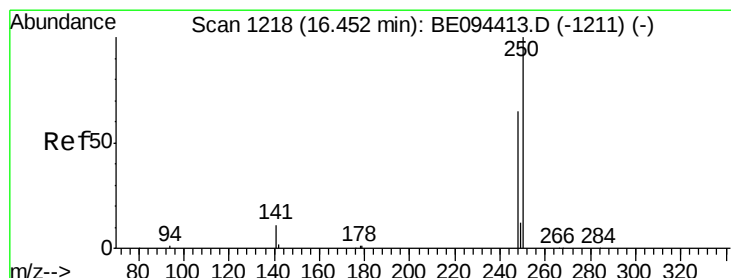
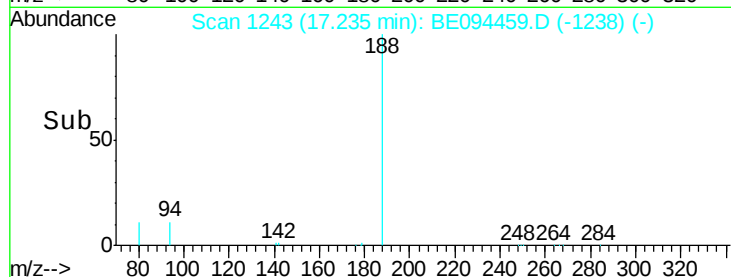
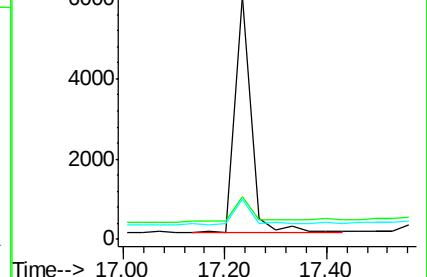
80 16.7 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.012 ng

RT: 16.52 min Scan# 1221

Delta R.T. 0.07 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

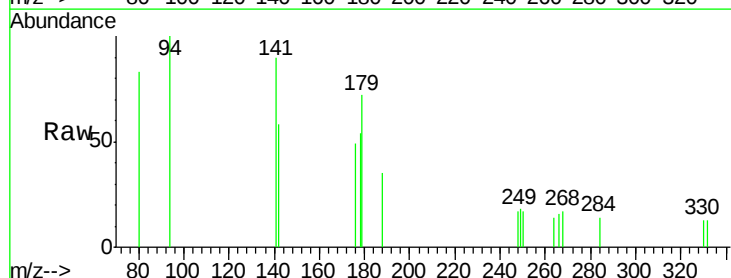
Tgt Ion:248 Resp: 74

Ion Ratio Lower Upper

248 100

250 101.7 62.7 94.1#

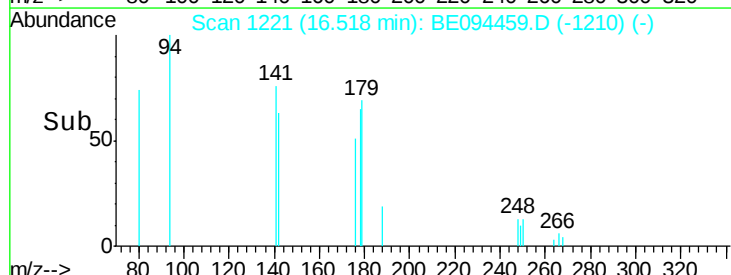
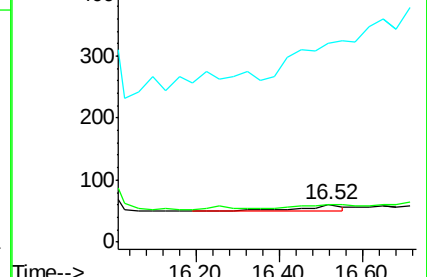
141 533.3 48.2 72.2#

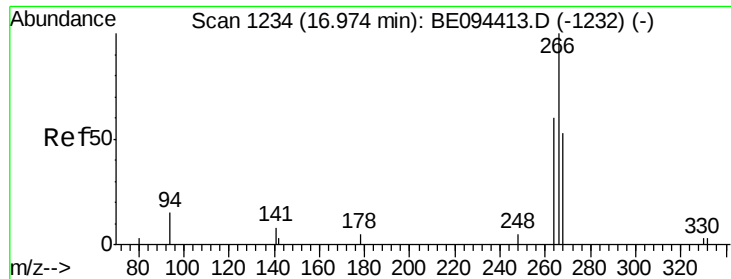


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.227 ng

RT: 16.94 min Scan# 1234

Delta R.T. -0.03 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

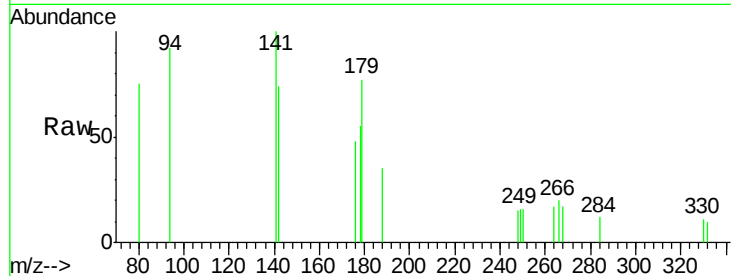
Tgt Ion:266 Resp: 94

Ion Ratio Lower Upper

266 100

264 83.1 72.5 108.7

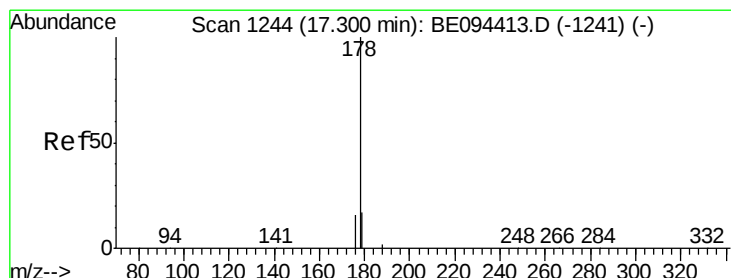
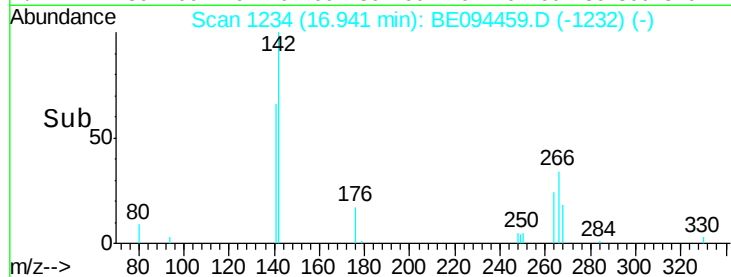
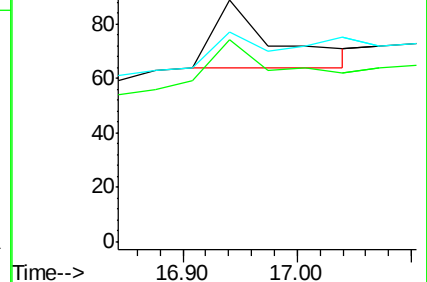
268 86.5 73.8 110.6



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: 0.035 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.07 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

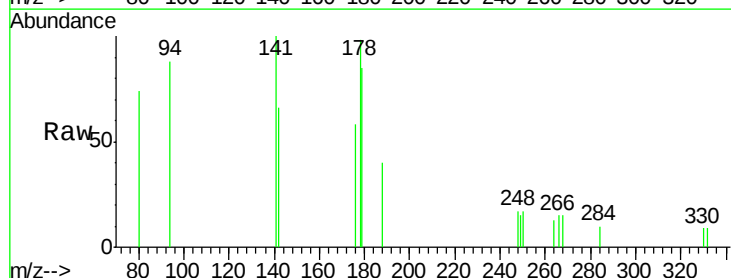
Tgt Ion:178 Resp: 1729

Ion Ratio Lower Upper

178 100

176 63.2 15.1 22.7#

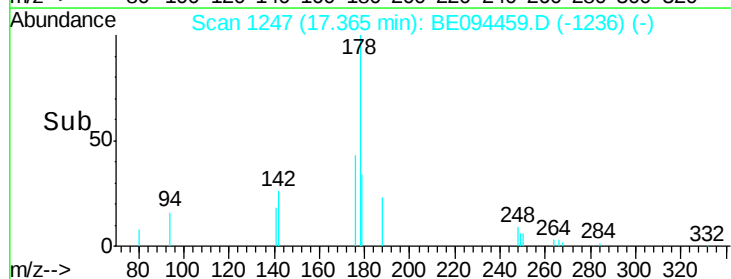
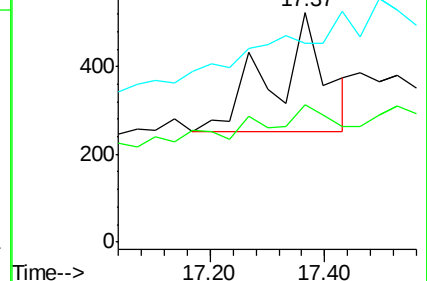
179 0.0 11.8 17.6#

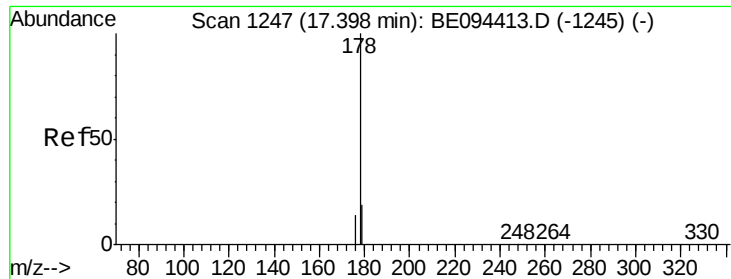


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.045 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

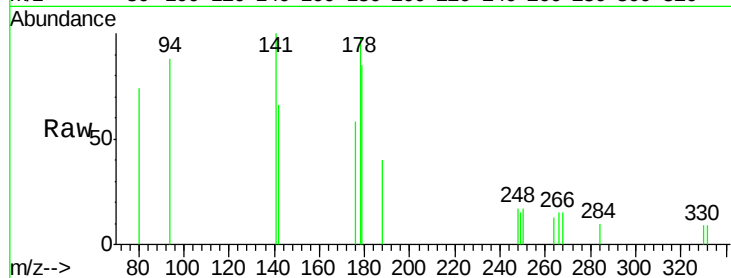
Tgt Ion:178 Resp: 1729

Ion Ratio Lower Upper

178 100

176 45.7 12.8 19.2#

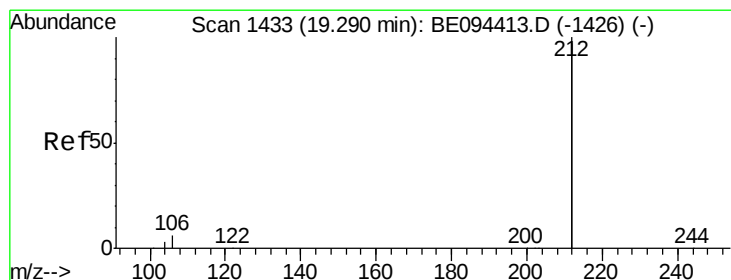
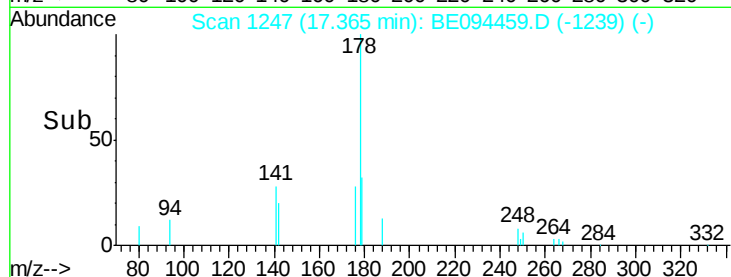
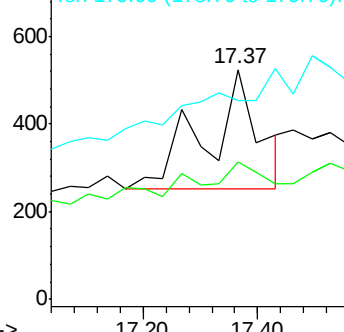
179 0.0 13.0 19.6#



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



#25

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

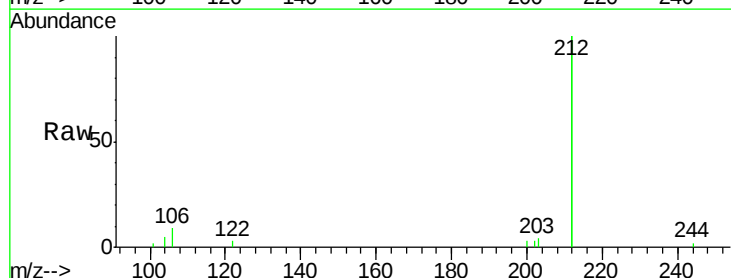
Tgt Ion:212 Resp: 62764

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

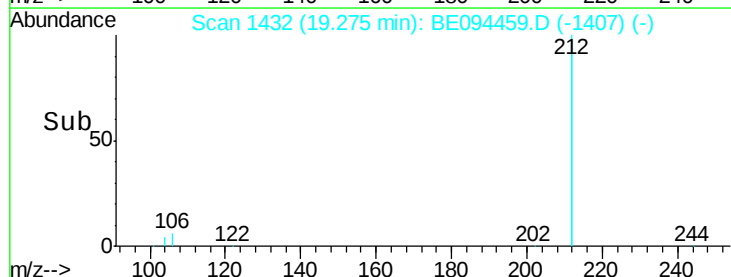
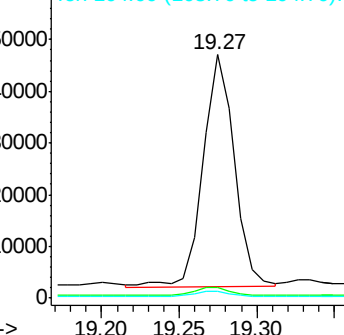
104 2.1 1.6 2.4

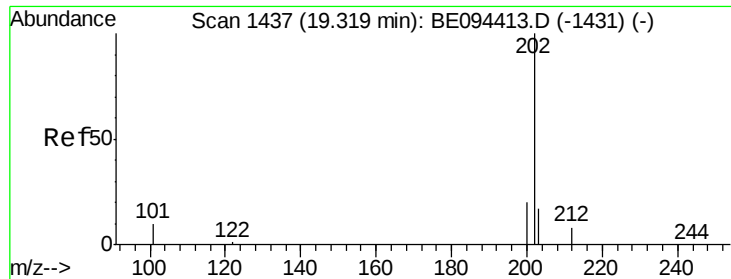


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.006 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

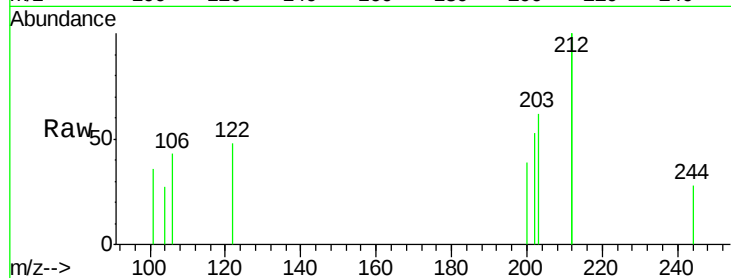
Tgt Ion: 202 Resp: 394

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

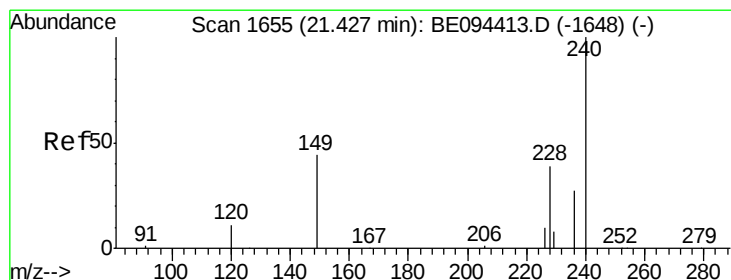
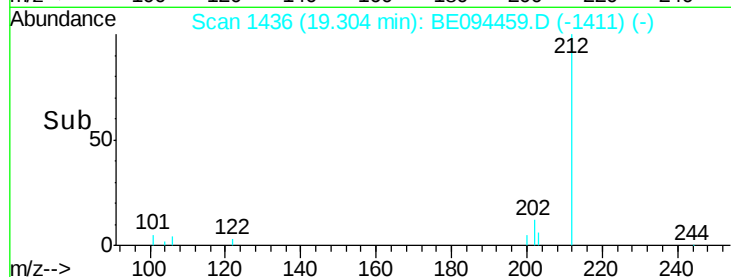
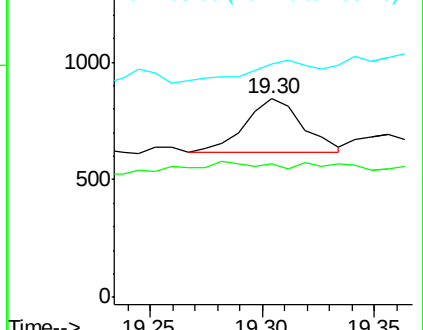
203 42.1 13.7 20.5#



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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

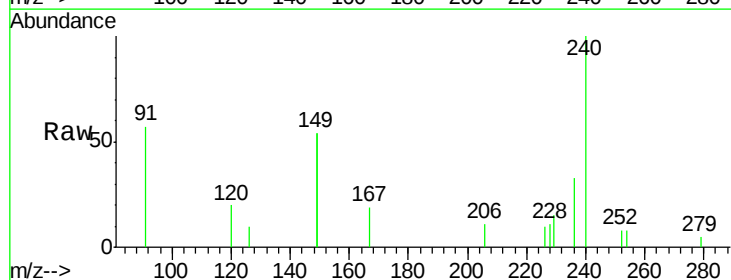
Tgt Ion: 240 Resp: 10539

Ion Ratio Lower Upper

240 100

120 20.4 5.5 8.3#

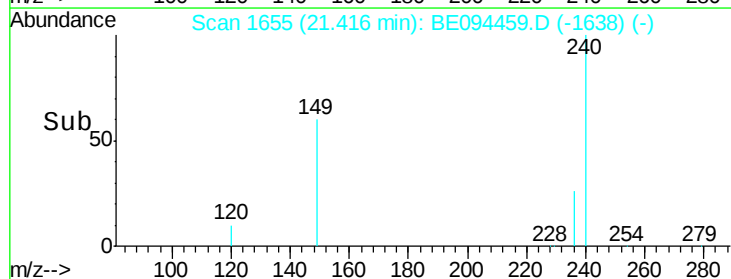
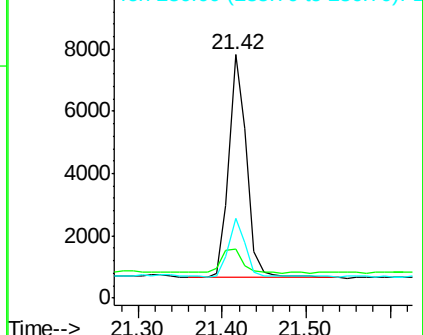
236 32.8 20.7 31.1#

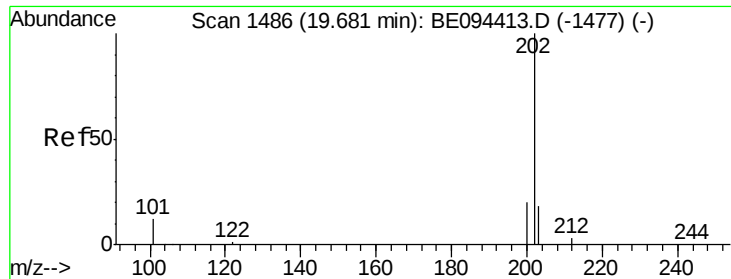


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.011 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

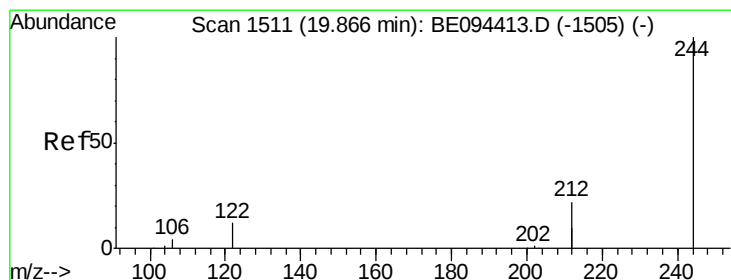
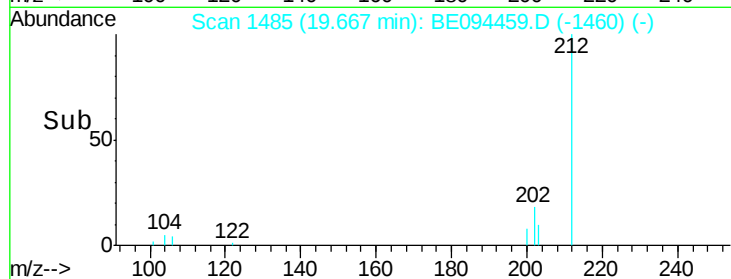
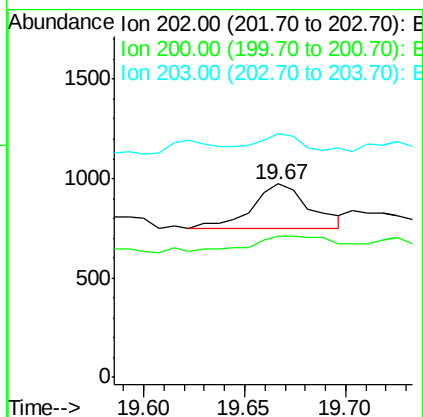
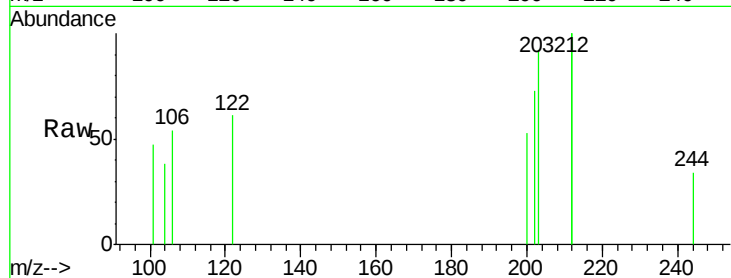
Tgt Ion:202 Resp: 432

Ion Ratio Lower Upper

202 100

200 39.1 16.6 25.0#

203 29.2 13.8 20.8#



#29

Terphenyl-d14

Concen: 0.579 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

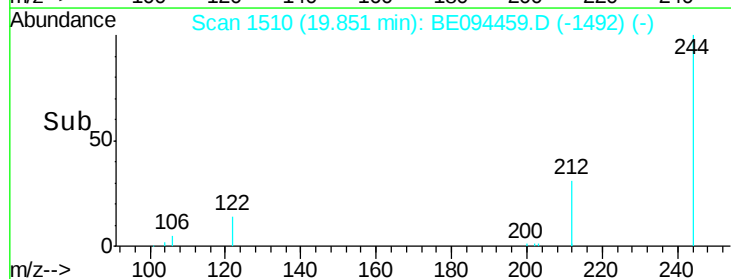
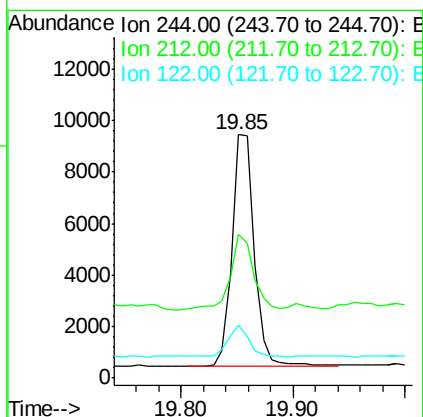
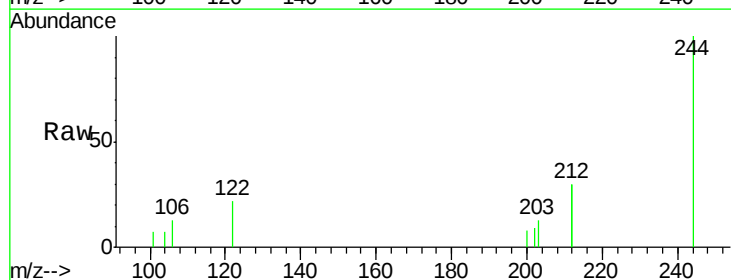
Tgt Ion:244 Resp: 12319

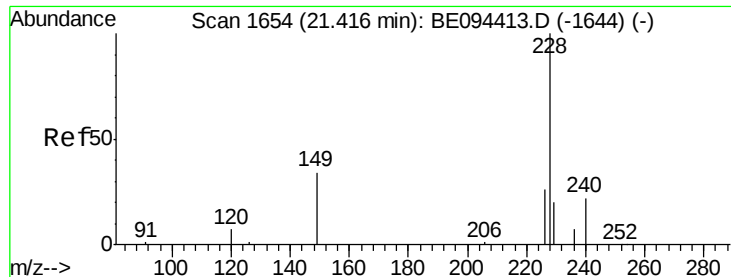
Ion Ratio Lower Upper

244 100

212 59.0 25.4 38.0#

122 21.9 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.005 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

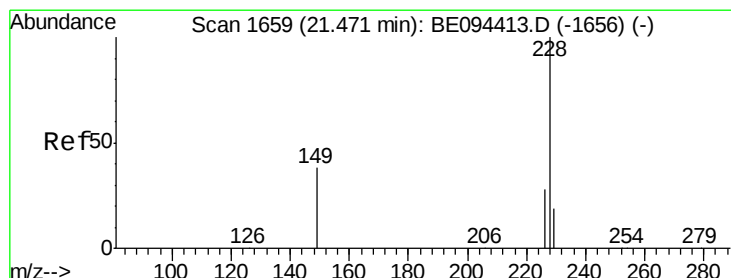
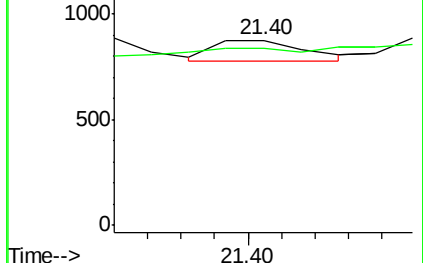
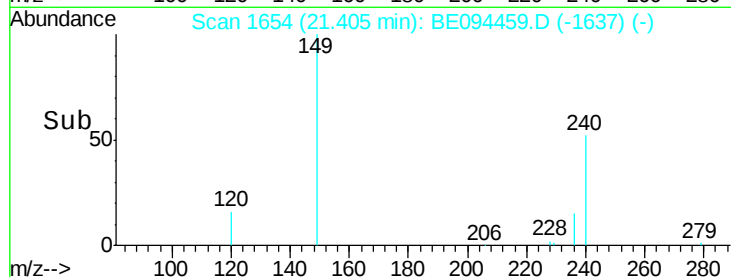
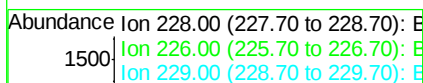
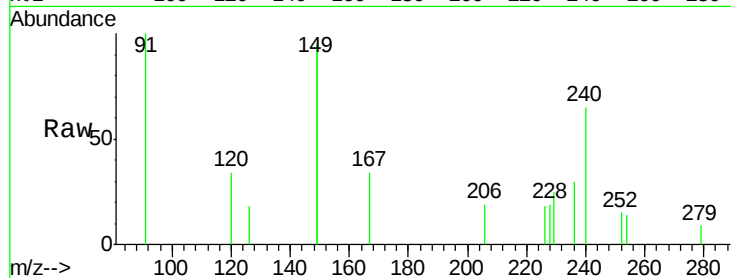
Tgt Ion:228 Resp: 175

Ion Ratio Lower Upper

228 100

226 95.9 40.0 60.0#

229 131.8 40.0 60.0#



#31

Chrysene

Concen: 0.004 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

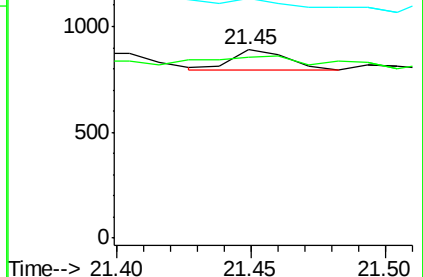
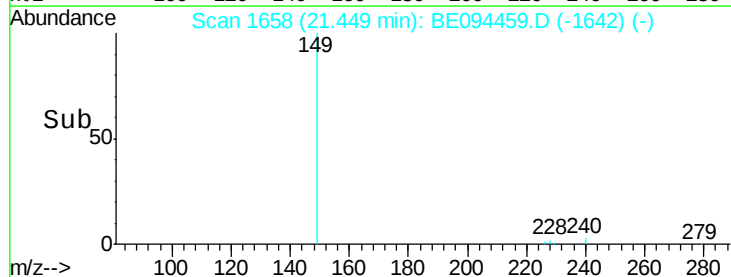
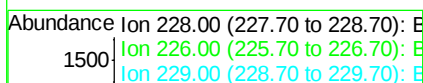
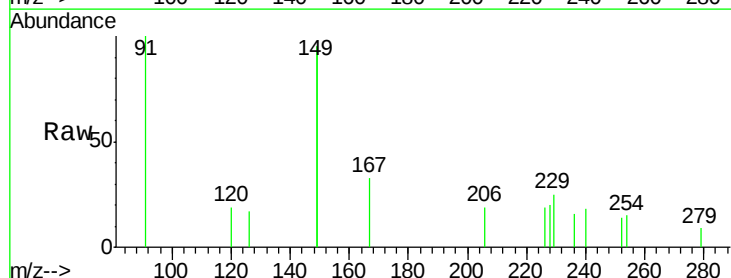
Tgt Ion:228 Resp: 137

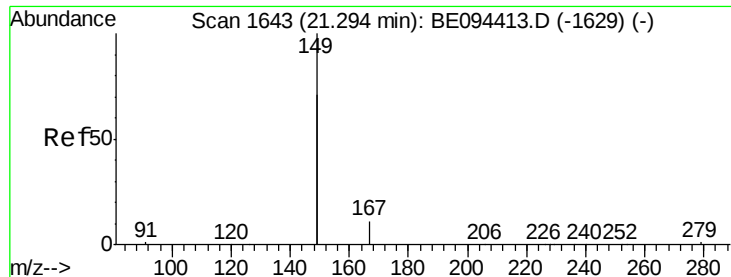
Ion Ratio Lower Upper

228 100

226 96.4 40.0 60.0#

229 127.2 40.0 60.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.068 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

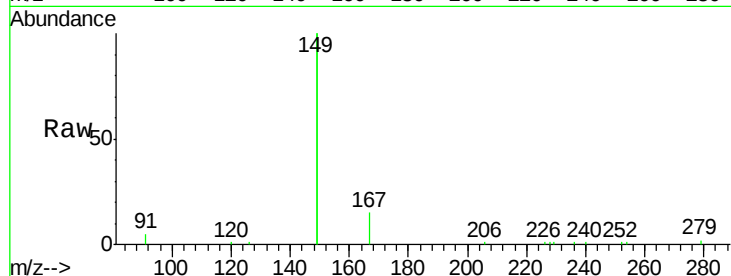
Tgt Ion:149 Resp: 217123

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

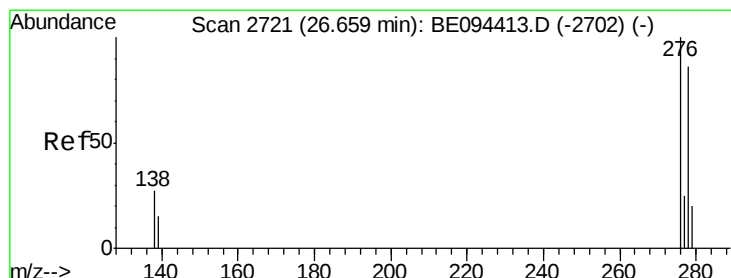
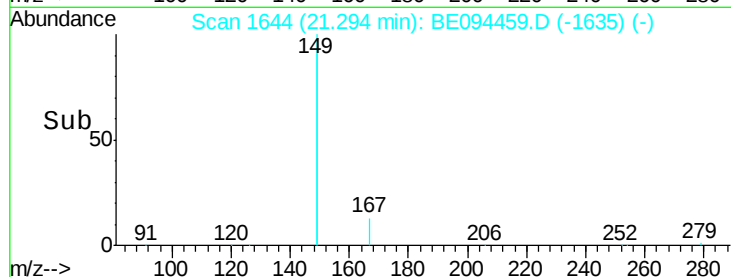
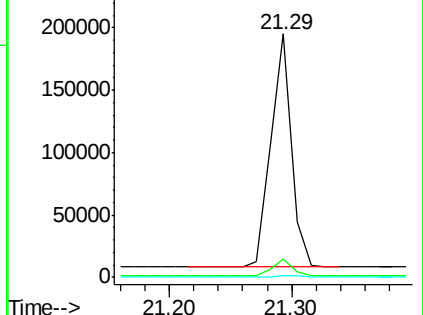
279 0.9 0.7 1.1



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: 0.002 ng

RT: 26.63 min Scan# 2716

Delta R.T. -0.03 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

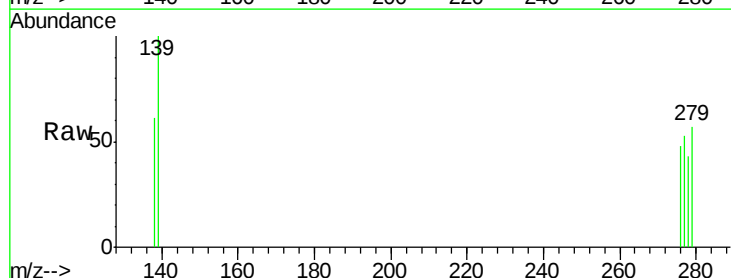
Tgt Ion:276 Resp: 64

Ion Ratio Lower Upper

276 100

138 21.9 22.5 33.7#

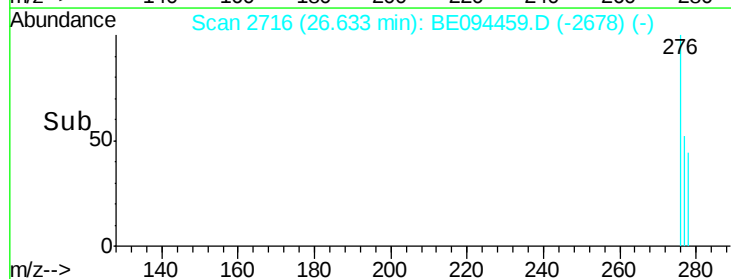
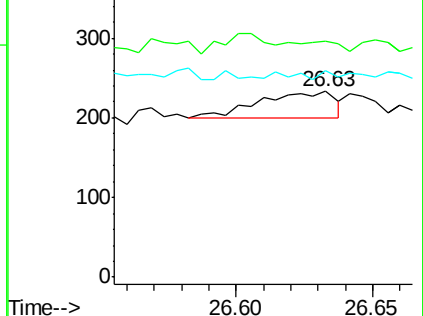
277 14.1 19.9 29.9#

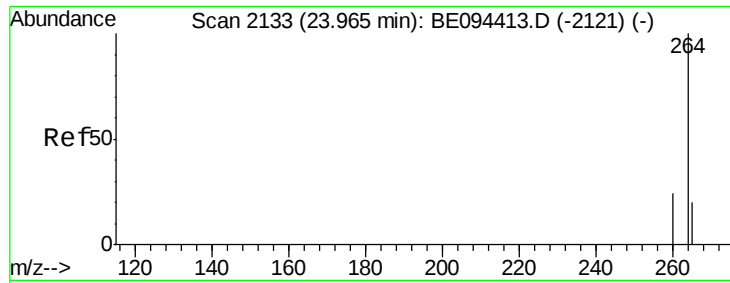


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

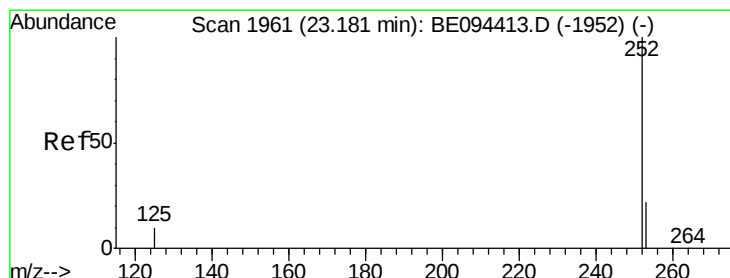
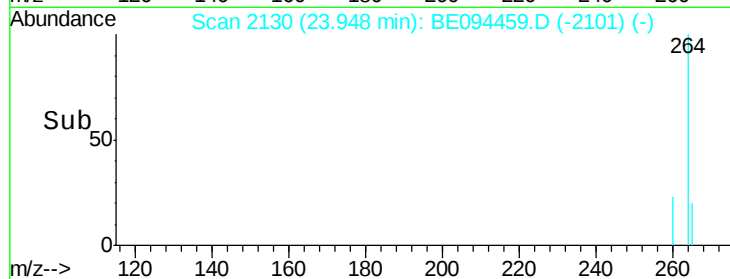
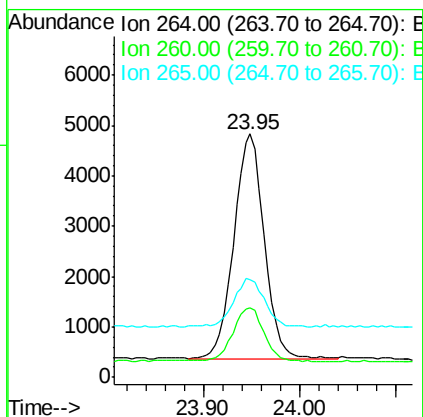
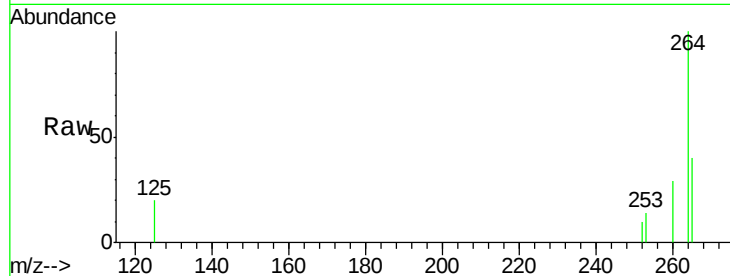




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BE094459.D
 Acq: 19 Oct 2017 23:21

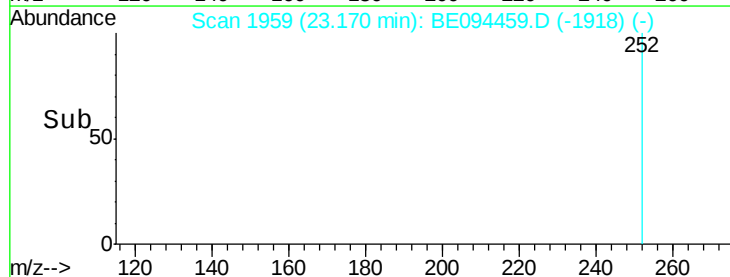
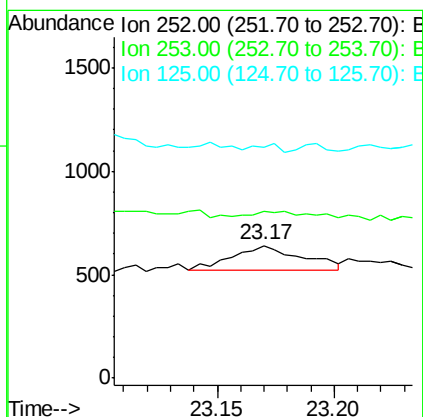
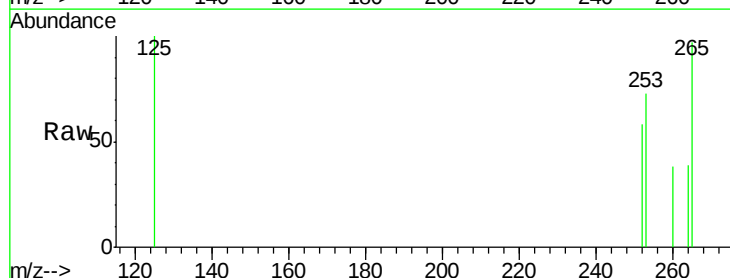
Instrument :
 BNA_E
 ClientSampleId :
 3914-PA3

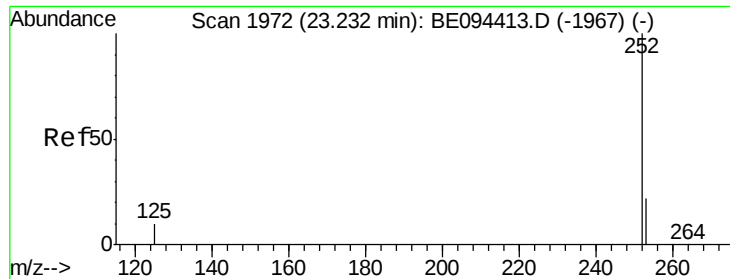
Tgt Ion: 264 Resp: 9716
 Ion Ratio Lower Upper
 264 100
 260 28.5 20.5 30.7
 265 39.9 22.8 34.2#



#35
 Benzo(b)fluoranthene
 Concen: 0.007 ng
 RT: 23.17 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BE094459.D
 Acq: 19 Oct 2017 23:21

Tgt Ion: 252 Resp: 234
 Ion Ratio Lower Upper
 252 100
 253 125.9 48.0 72.0#
 125 173.4 56.0 84.0#





#36

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.06 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

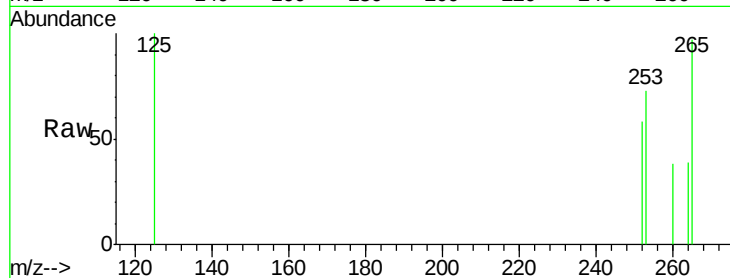
Tgt Ion: 252 Resp: 234

Ion Ratio Lower Upper

252 100

253 125.9 48.0 72.0#

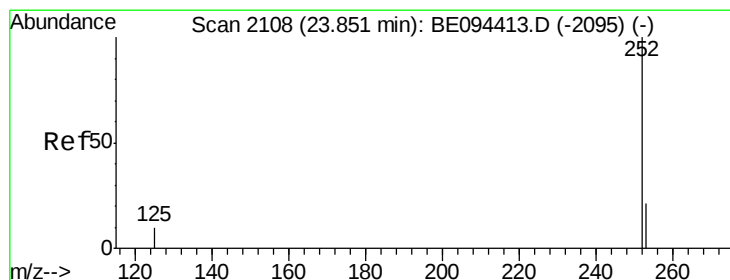
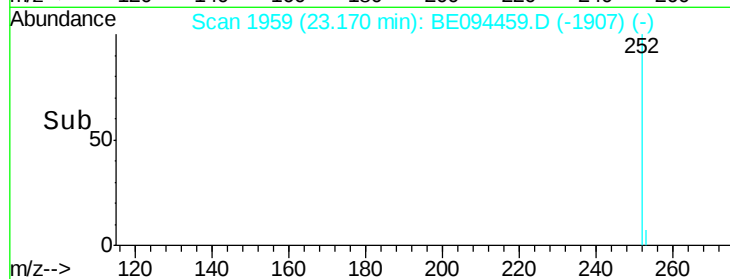
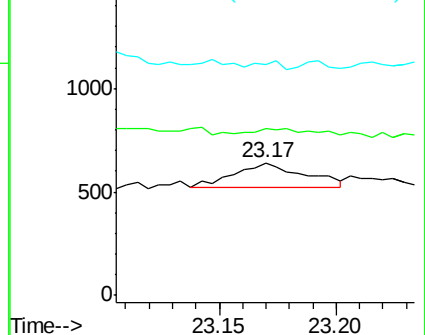
125 173.4 56.0 84.0#



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: 0.005 ng

RT: 23.83 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

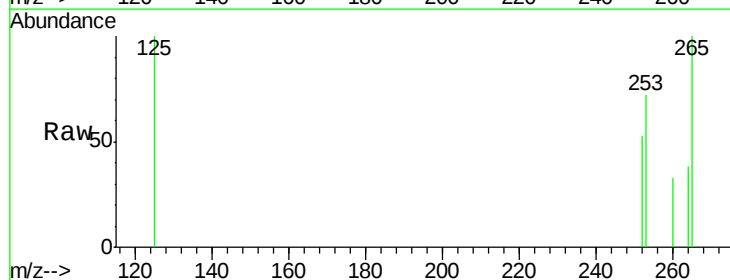
Tgt Ion: 252 Resp: 170

Ion Ratio Lower Upper

252 100

253 136.1 52.0 78.0#

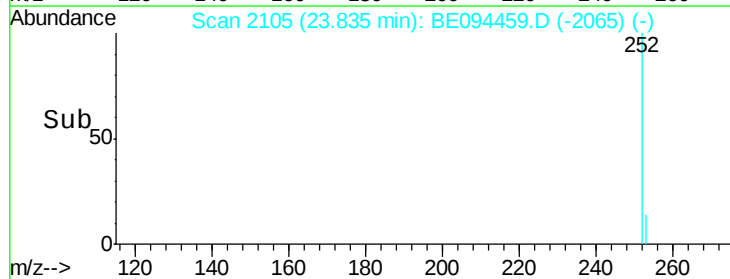
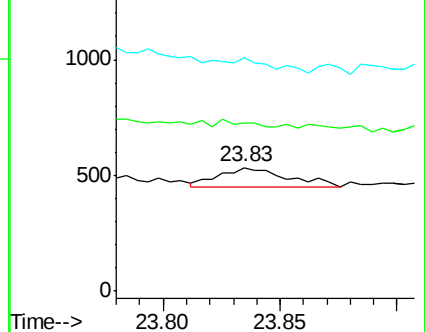
125 189.3 68.0 102.0#

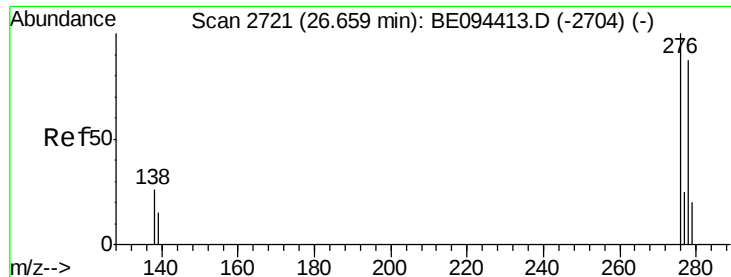


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.62 min Scan# 2714

Delta R.T. -0.04 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

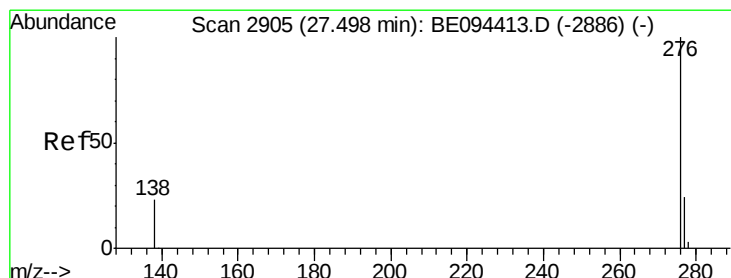
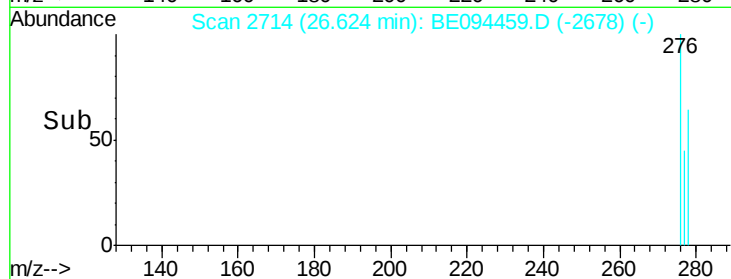
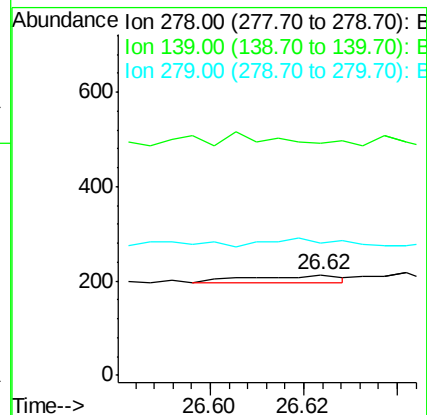
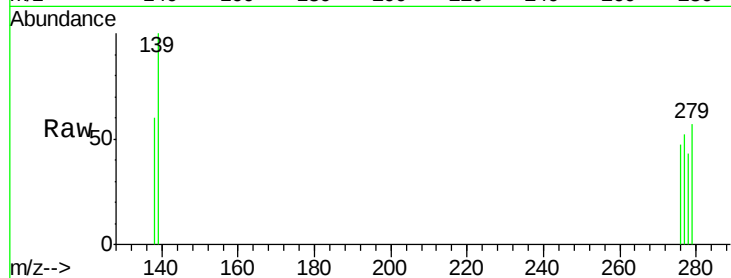
Tgt Ion:278 Resp: 20

Ion Ratio Lower Upper

278 100

139 229.9 56.0 84.0#

279 131.3 52.0 78.0#



#39

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 27.47 min Scan# 2899

Delta R.T. -0.03 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Tgt Ion:276 Resp: 83

Ion Ratio Lower Upper

276 100

277 114.8 52.0 78.0#

138 124.5 44.0 66.0#

