

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094460.D
 Acq On : 19 Oct 2017 23:56
 Operator : SJ/JU
 Sample : I5819-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3915-PA4

Quant Time: Oct 20 12:43:47 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1347	0.40	ng	-0.02
7) Naphthalene-d8	10.71	136	6601	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4096	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	8860	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9709	0.40	ng	0.00
34) Perylene-d12	23.95	264	9359	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	571	0.13	ng	0.00
5) Phenol-d6	7.15	99	583	0.08	ng	0.02
8) Nitrobenzene-d5	9.08	82	2408	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4629	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	229	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6589	0.45	ng	0.00
25) Fluoranthene-d10	19.28	212	52589	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	12563	0.64	ng	0.00

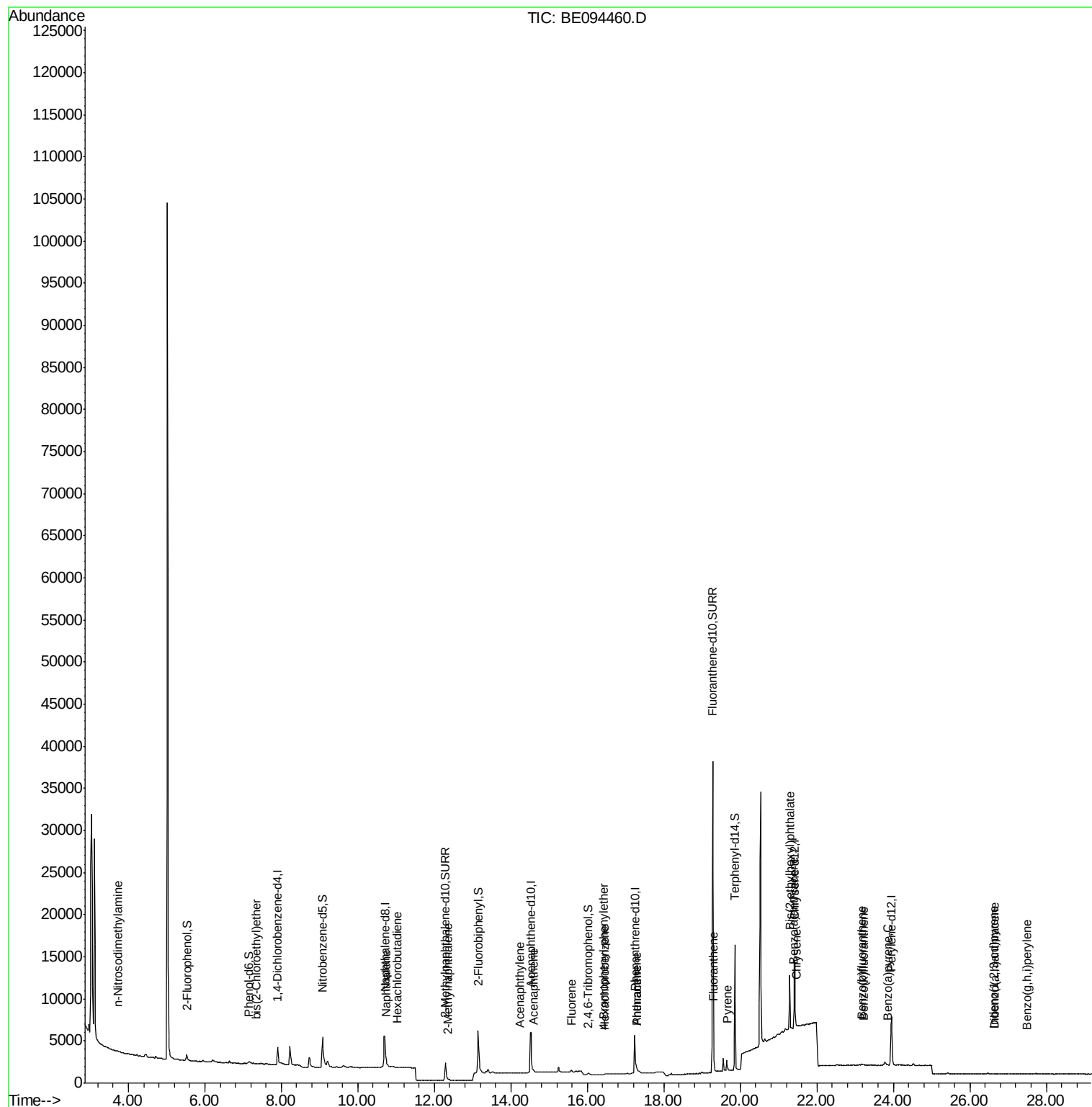
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.72	42	51	0.022	ng	# 1
6) bis(2-Chloroethyl)ether	7.35	93	26	0.005	ng	# 1
9) Naphthalene	10.74	128	429	0.006	ng	# 65
10) Hexachlorobutadiene	11.02	225	3	0.001	ng	# 1
12) 2-Methylnaphthalene	12.36	142	41	0.003	ng	# 57
16) Acenaphthylene	14.24	152	13	0.001	ng	# 1
17) Acenaphthene	14.58	154	220	0.016	ng	# 92
18) Fluorene	15.58	166	128	0.007	ng	# 68
20) 4-Bromophenyl-phenylether	16.42	248	4	0.001	ng	# 27
21) Hexachlorobenzene	16.45	284	4	0.027	ng	# 1
23) Phenanthrene	17.30	178	688	0.020	ng	# 65
24) Anthracene	17.30	178	712	0.026	ng	# 77
26) Fluoranthene	19.31	202	522	0.012	ng	# 90
28) Pyrene	19.67	202	253	0.007	ng	# 96
30) Benzo(a)anthracene	21.40	228	128	0.004	ng	# 18
31) Chrysene	21.46	228	159	0.005	ng	# 33
32) Bis(2-ethylhexyl)phthalate	21.29	149	7495	0.078	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.62	276	31	0.001	ng	# 53
35) Benzo(b)fluoranthene	23.17	252	199	0.006	ng	# 17
36) Benzo(k)fluoranthene	23.22	252	90	0.003	ng	# 1
37) Benzo(a)pyrene	23.84	252	32	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	22	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.48	276	50	0.002	ng	# 25

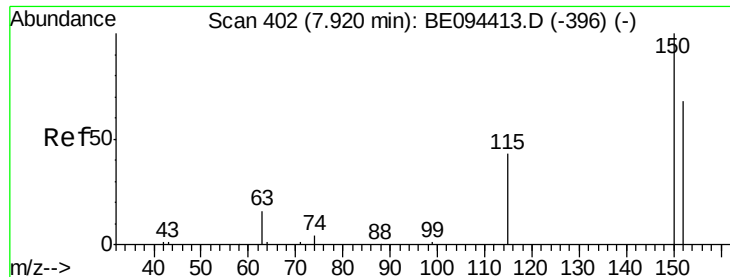
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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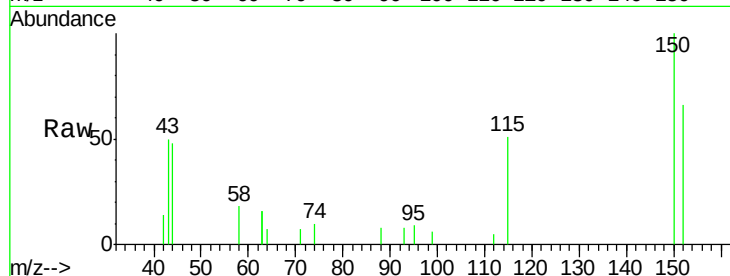


#1

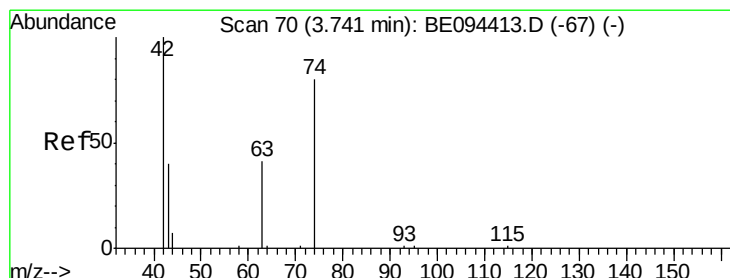
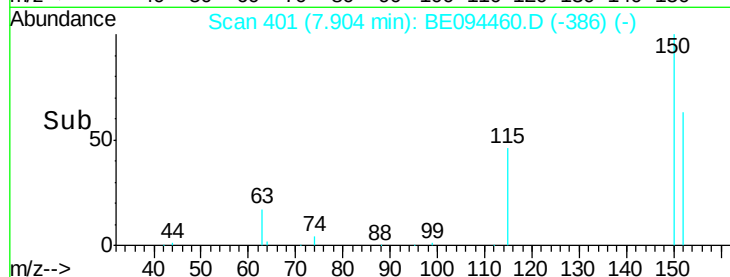
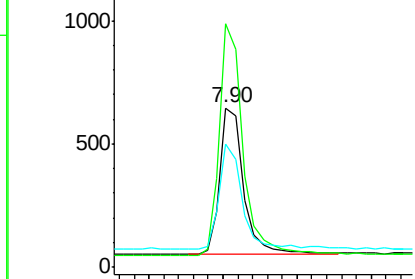
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Instrument :
BNA_E
ClientSampleId :
3915-PA4

Tgt Ion: 152 Resp: 1347
Ion Ratio Lower Upper
152 100
150 152.6 117.2 175.8
115 77.4 57.0 85.6



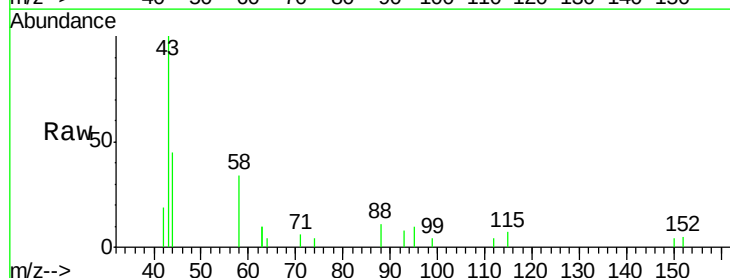
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



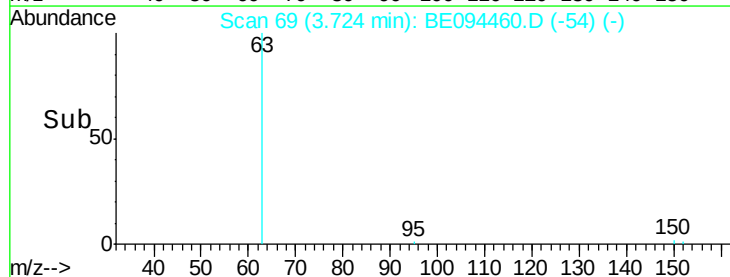
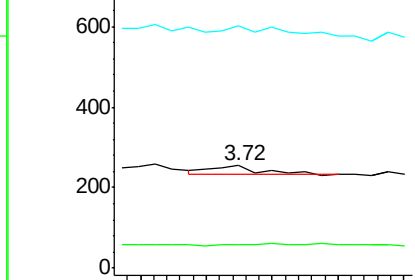
#3

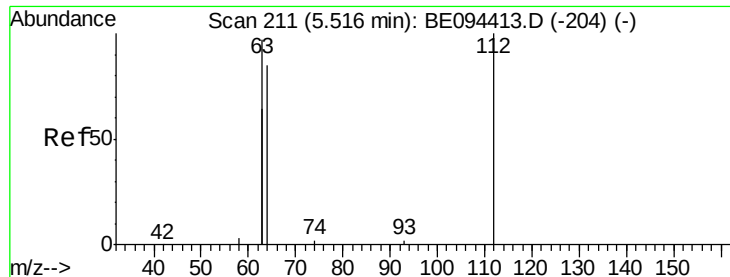
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.72 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion: 42 Resp: 51
Ion Ratio Lower Upper
42 100
74 13.7 100.3 150.5#
44 288.2 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: 0.125 ng

RT: 5.52 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

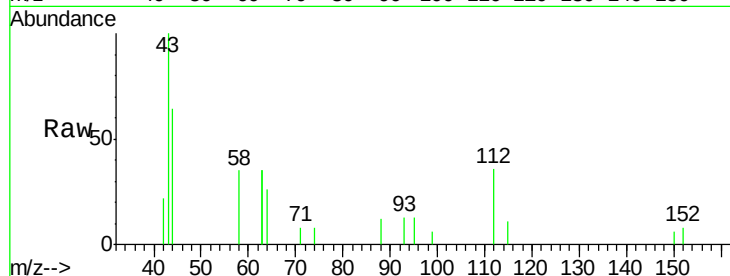
Tgt Ion: 112 Resp: 571

Ion Ratio Lower Upper

112 100

64 74.3 60.1 90.1

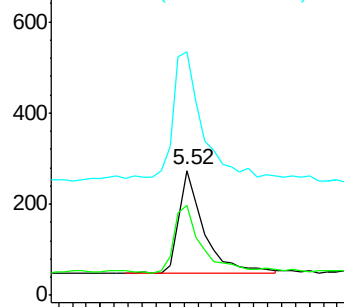
63 138.5 116.8 175.2



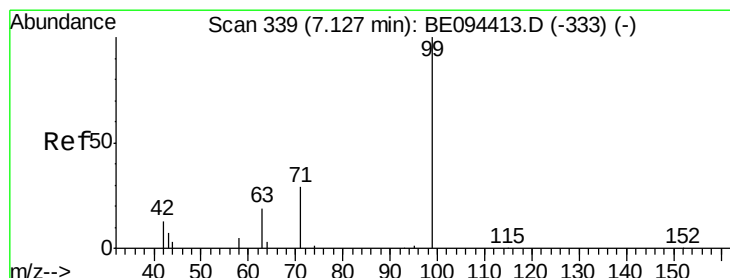
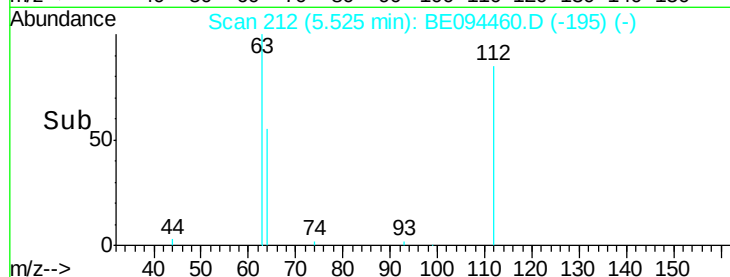
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.082 ng

RT: 7.15 min Scan# 341

Delta R.T. 0.02 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

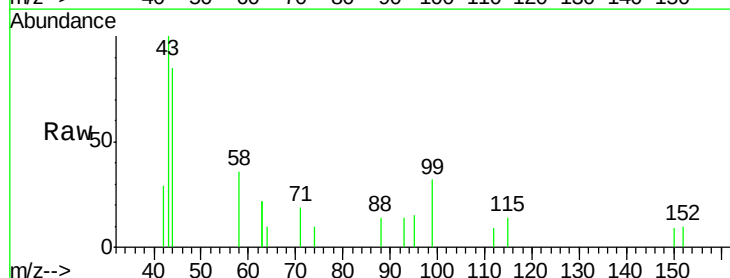
Tgt Ion: 99 Resp: 583

Ion Ratio Lower Upper

99 100

42 17.7 20.2 30.2#

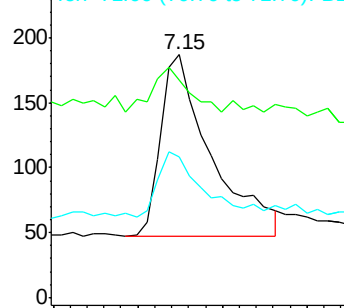
71 32.1 28.4 42.6



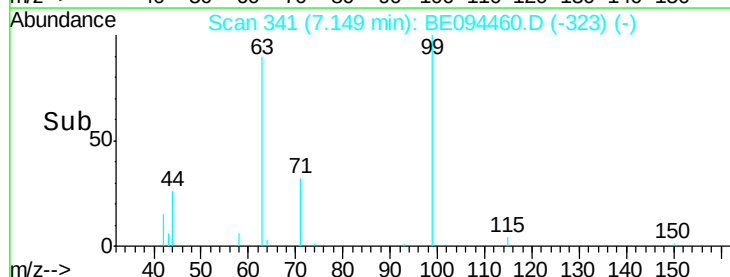
Abundance Ion 99.00 (98.70 to 99.70): BE0

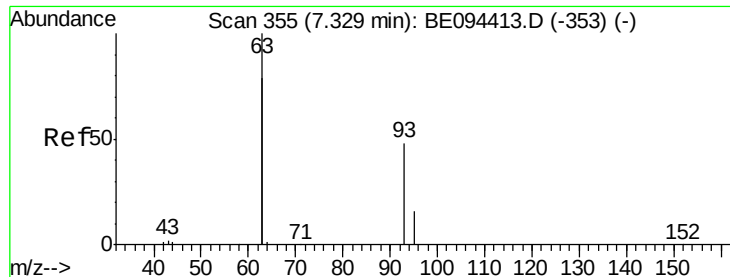
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.35 min Scan# 357

Delta R.T. 0.02 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampled :

3915-PA4

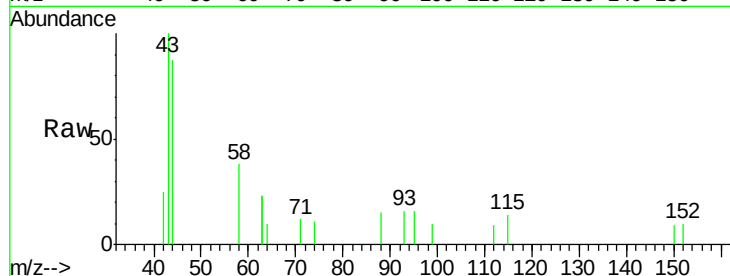
Tgt Ion: 93 Resp: 26

Ion Ratio Lower Upper

93 100

63 80.8 275.3 412.9#

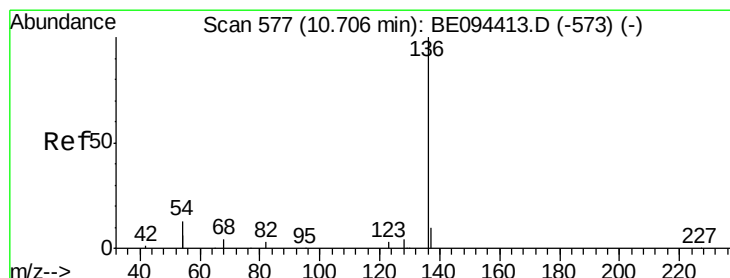
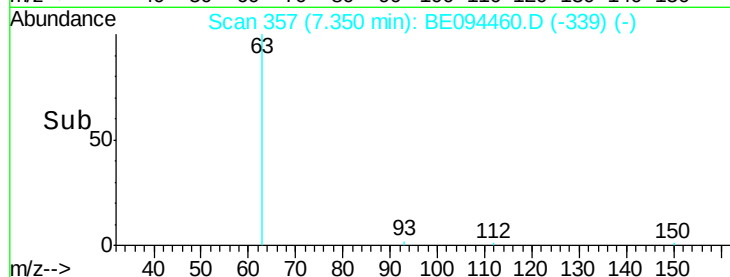
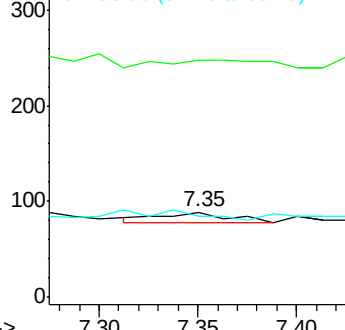
95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Tgt Ion: 136 Resp: 6601

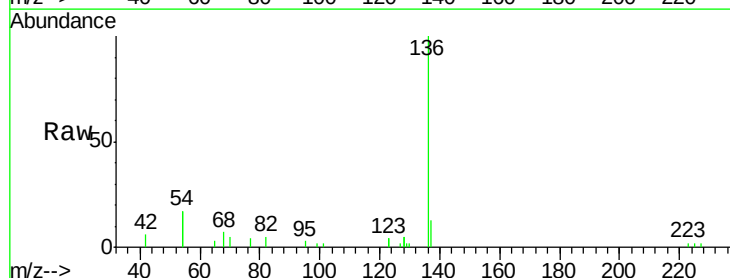
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 34.1 29.1 43.7

68 7.2 6.2 9.2

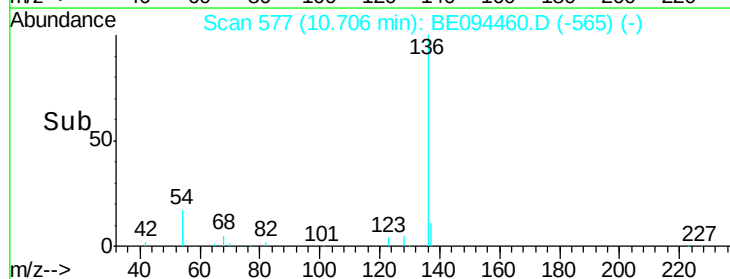
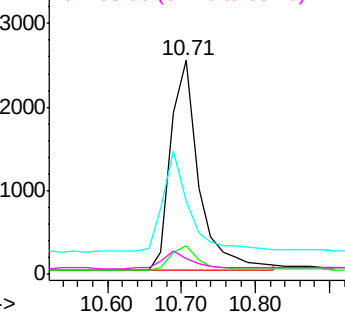


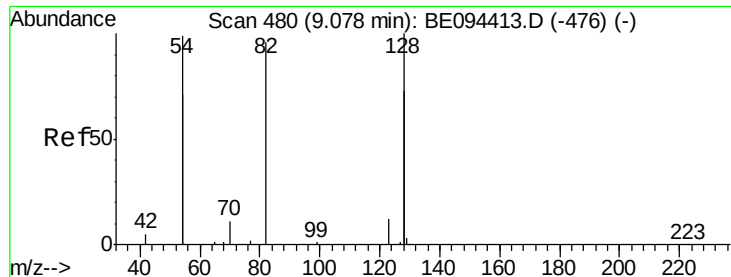
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.420 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

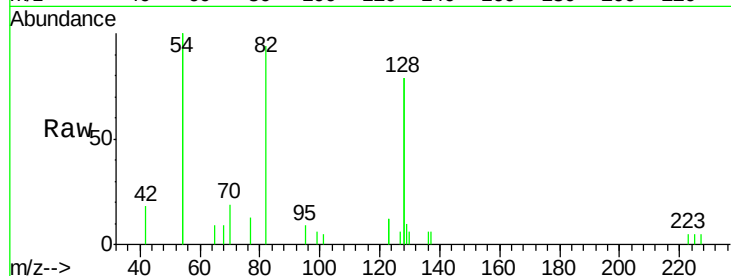
Tgt Ion: 82 Resp: 2408

Ion Ratio Lower Upper

82 100

128 168.7 150.0 225.0

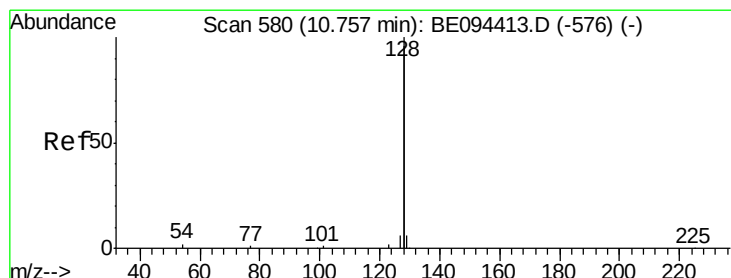
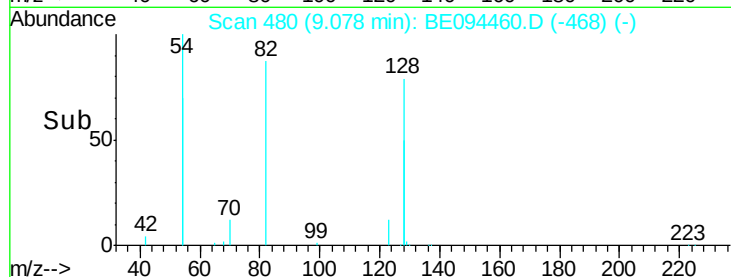
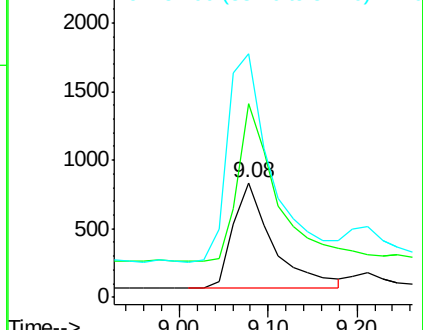
54 212.2 154.2 231.4



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: 0.006 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

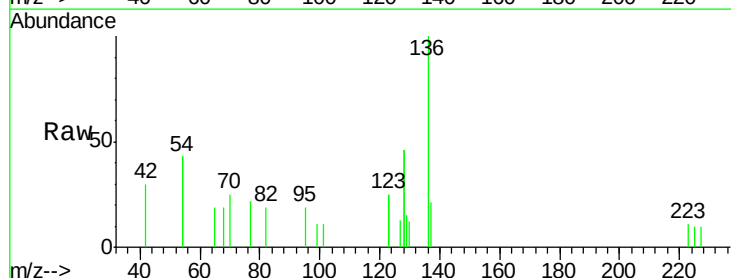
Tgt Ion: 128 Resp: 429

Ion Ratio Lower Upper

128 100

129 15.9 2.6 3.8#

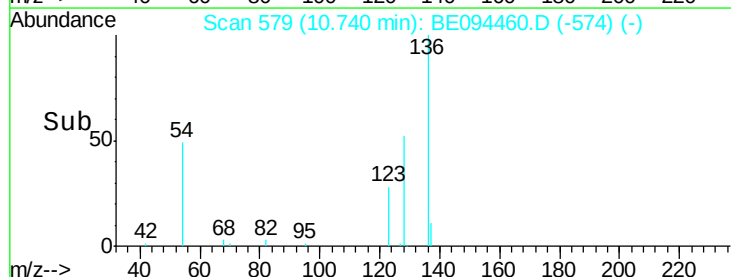
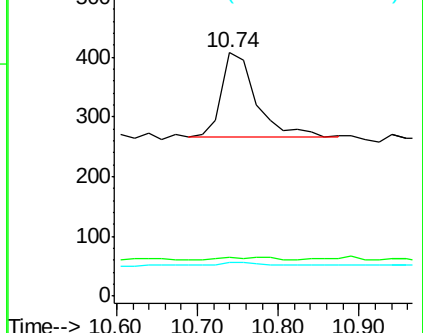
127 14.0 2.8 4.2#

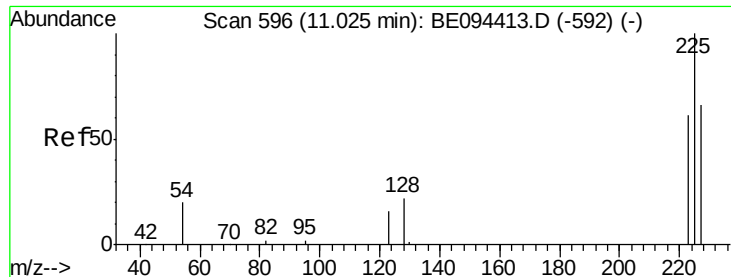


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

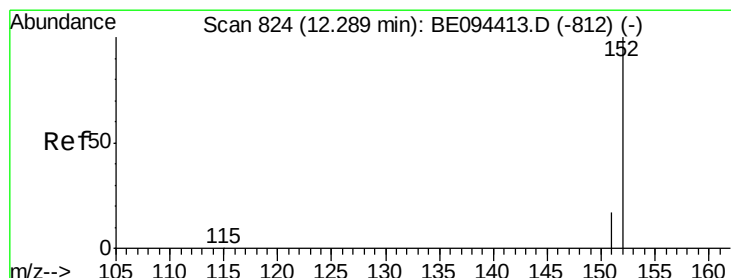
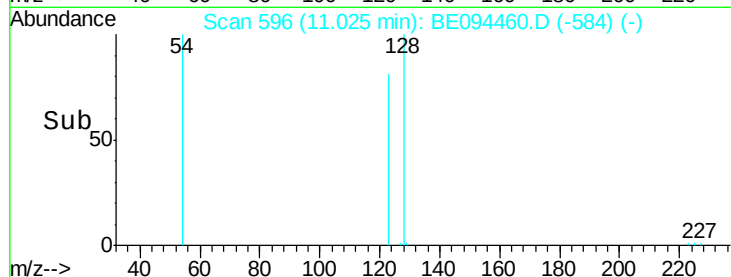
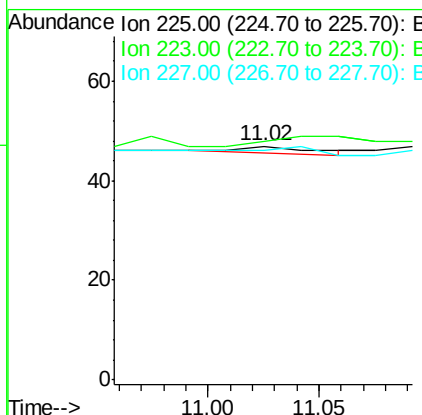
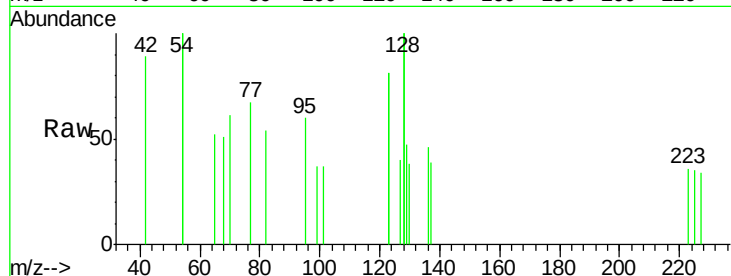




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

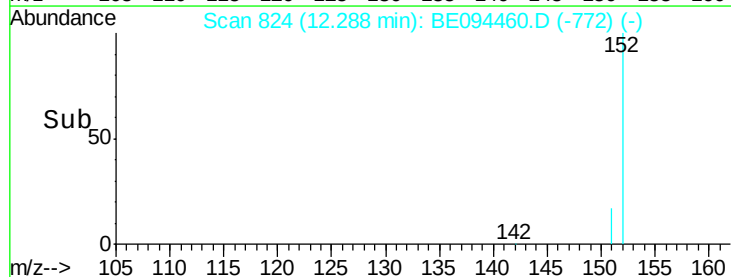
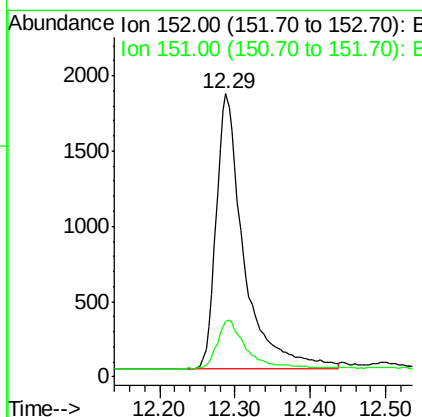
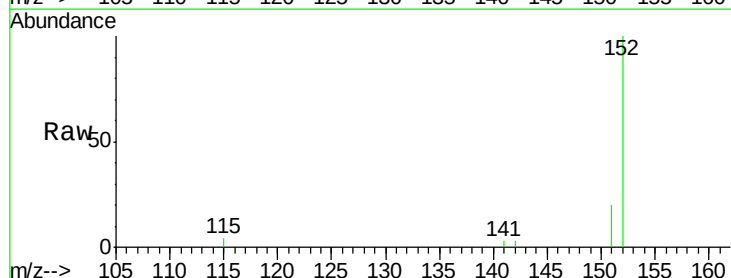
Instrument :
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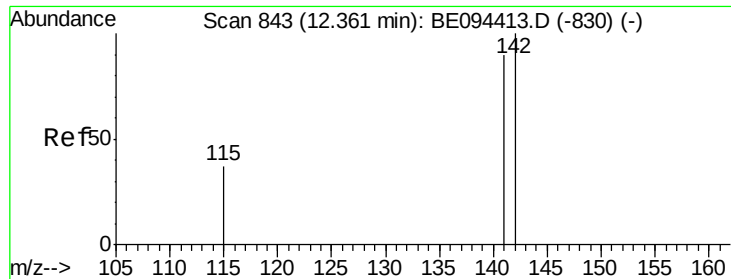
Tgt Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 233.3 53.0 79.6#
227 100.0 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion: 152 Resp: 4629
Ion Ratio Lower Upper
152 100
151 18.2 15.4 23.0

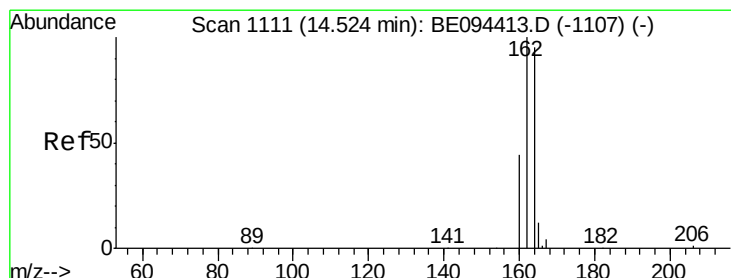
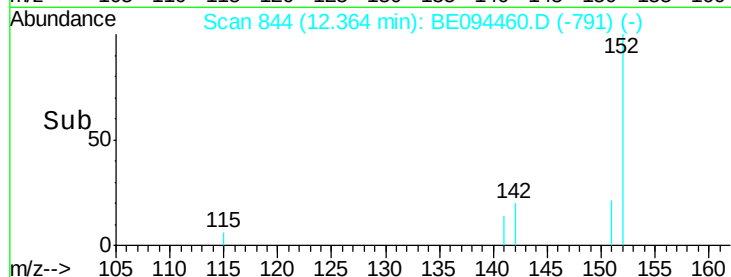
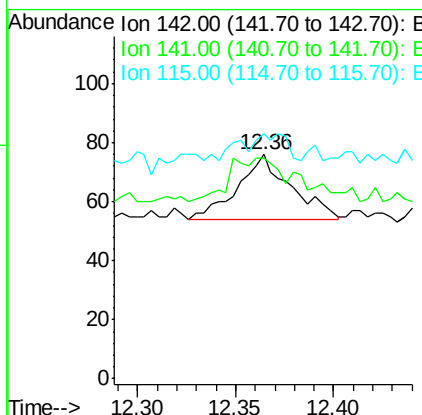
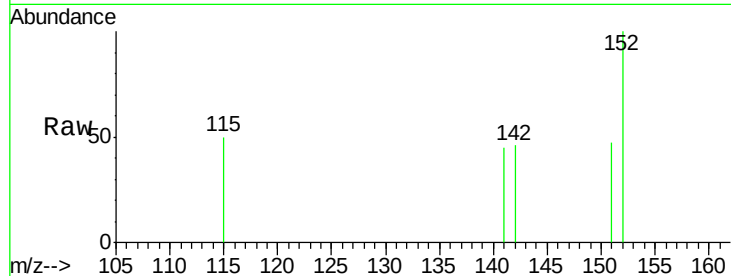




#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

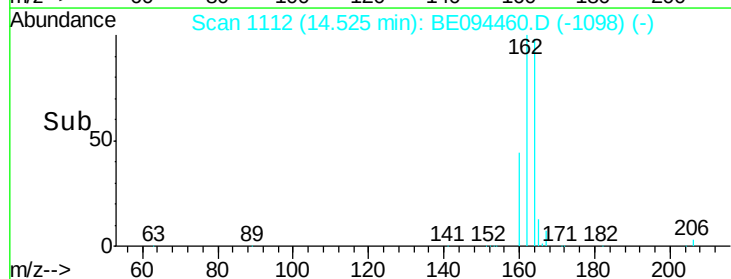
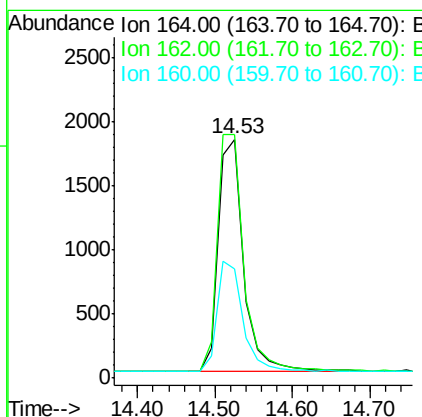
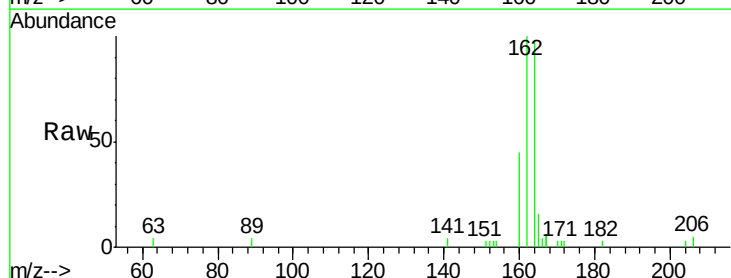
Instrument :
BNA_E
ClientSampleId :
3915-PA4

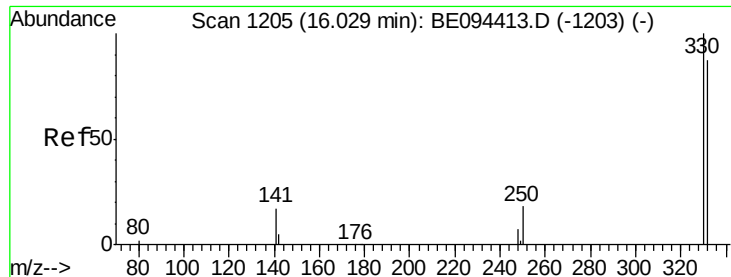
Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 98.7 70.4 105.6
115 109.2 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:164 Resp: 4096
Ion Ratio Lower Upper
164 100
162 102.0 83.1 124.7
160 46.0 37.1 55.7

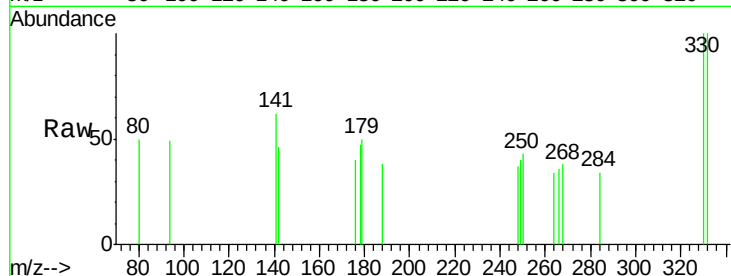




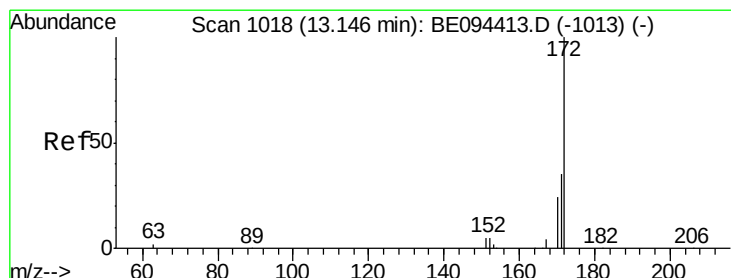
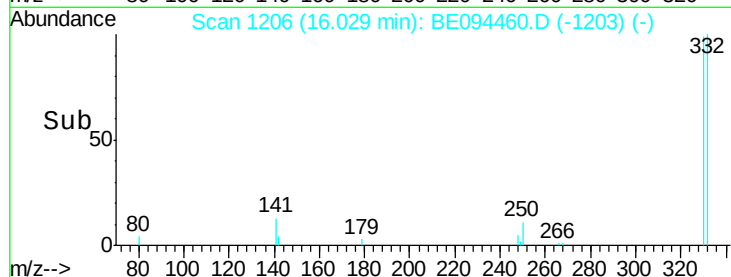
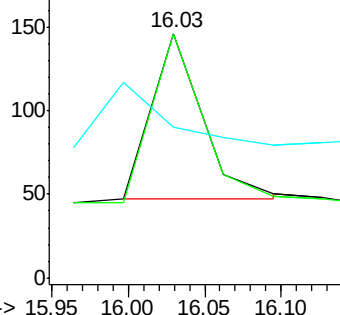
#14
 2,4,6-Tribromophenol
 Concen: 0.147 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

Instrument :
 BNA_E
 ClientSampleId :
 3915-PA4

Tgt Ion: 330 Resp: 229
 Ion Ratio Lower Upper
 330 100
 332 104.4 152.7 229.1#
 141 0.0 33.7 50.5#

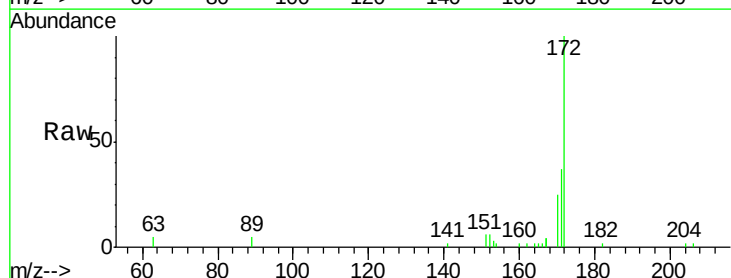


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

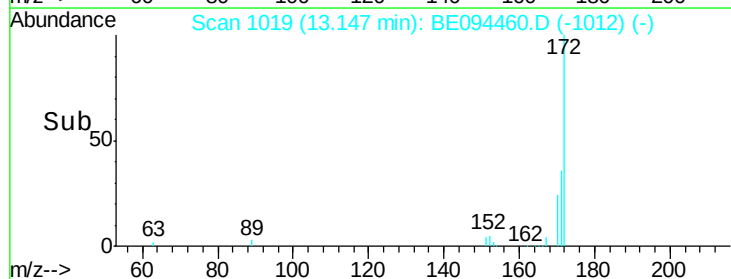
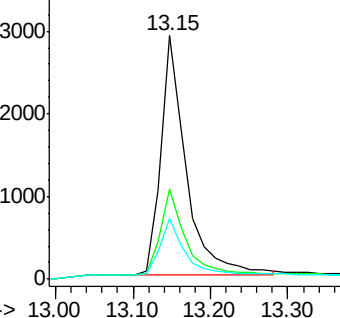


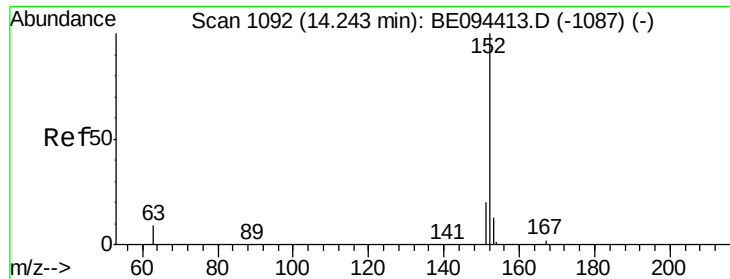
#15
 2-Fluorobiphenyl
 Concen: 0.451 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

Tgt Ion: 172 Resp: 6589
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 25.0 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

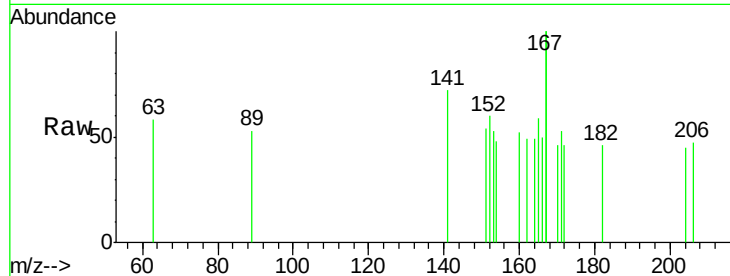
Tgt Ion:152 Resp: 13

Ion Ratio Lower Upper

152 100

151 161.5 15.7 23.5#

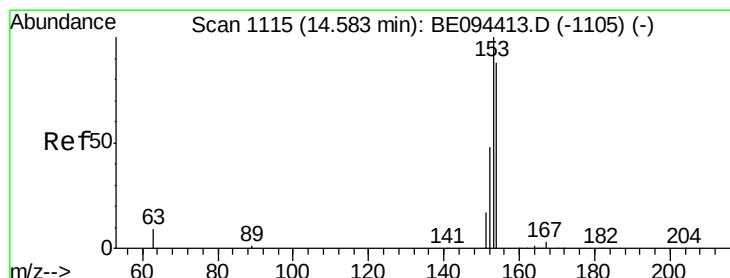
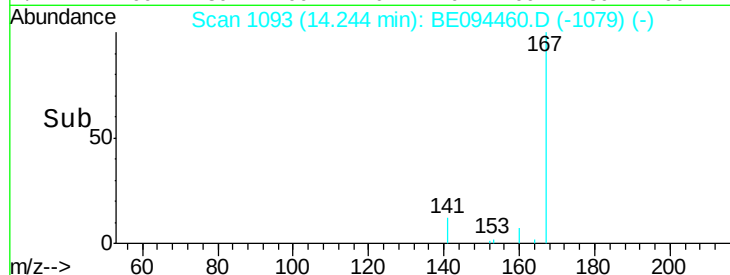
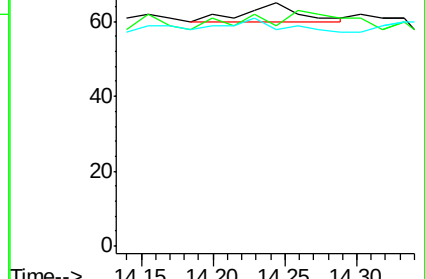
153 0.0 10.5 15.7#



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: 0.016 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

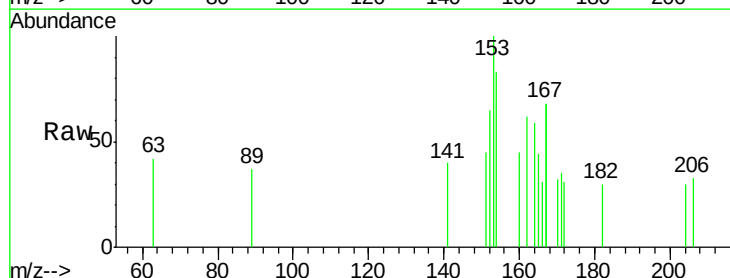
Tgt Ion:154 Resp: 220

Ion Ratio Lower Upper

154 100

153 100.0 89.2 133.8

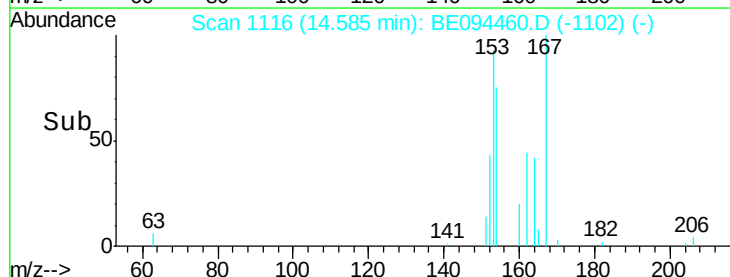
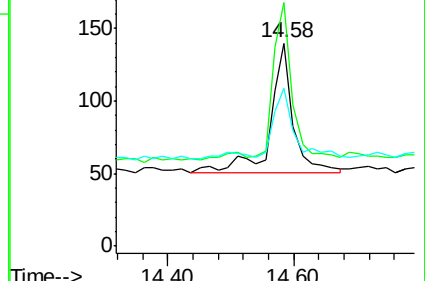
152 51.8 42.0 63.0

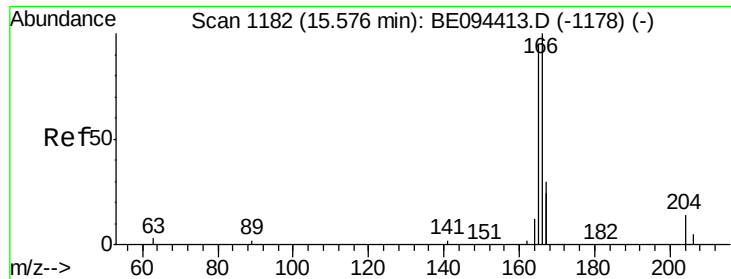


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.007 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

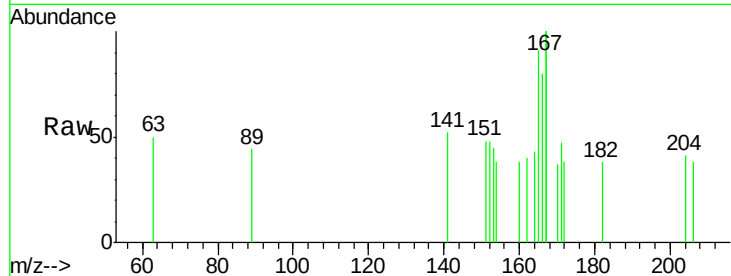
Tgt Ion:166 Resp: 128

Ion Ratio Lower Upper

166 100

165 110.9 77.8 116.6

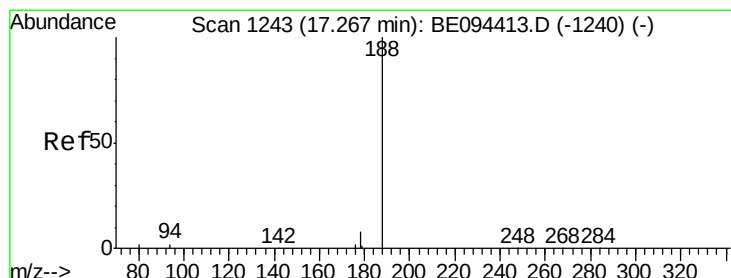
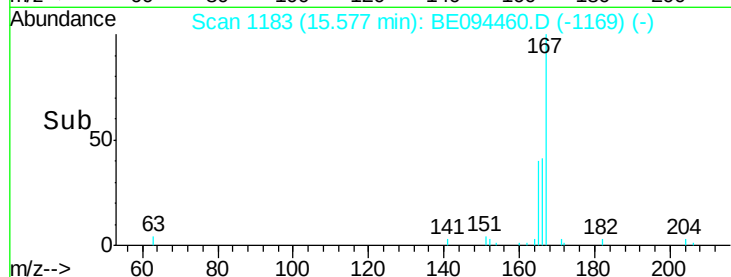
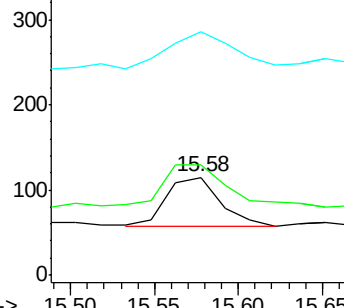
167 100.0 42.4 63.6#



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: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

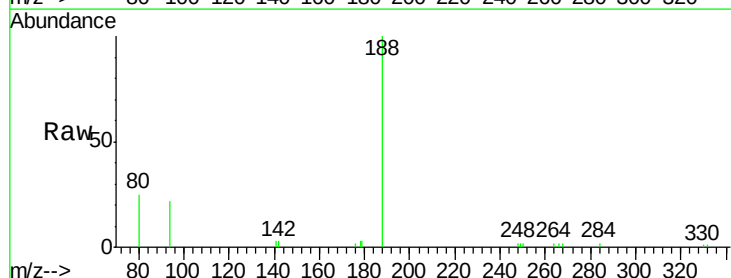
Tgt Ion:188 Resp: 8860

Ion Ratio Lower Upper

188 100

94 22.4 3.9 5.9#

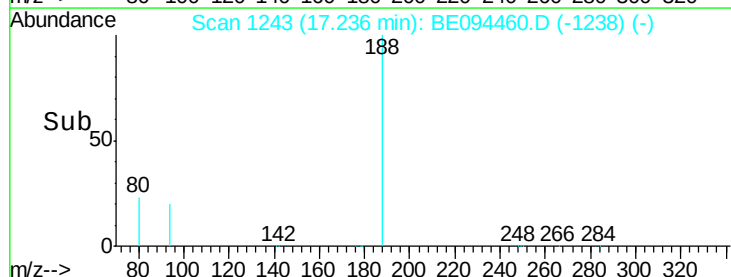
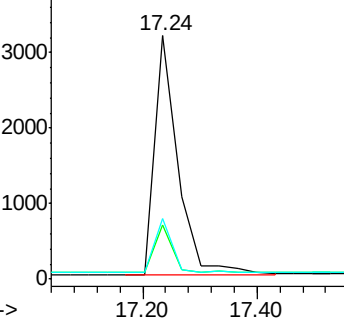
80 24.9 3.6 5.4#

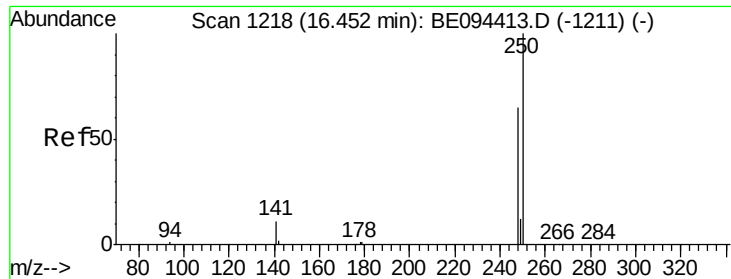


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

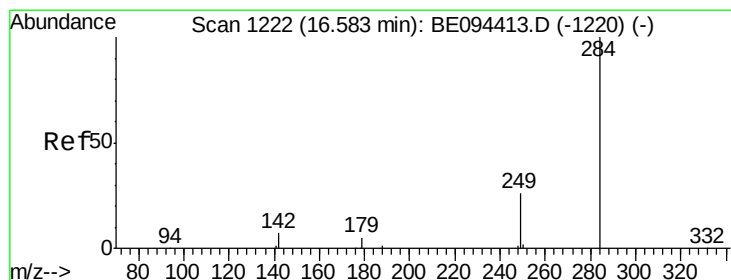
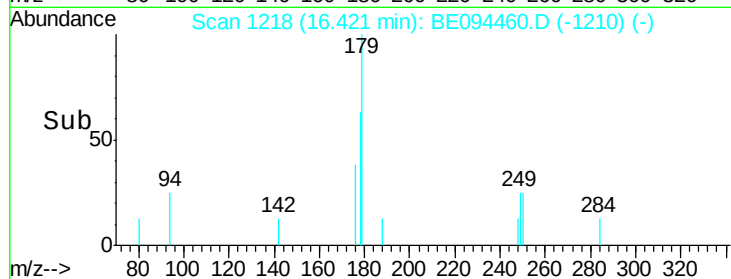
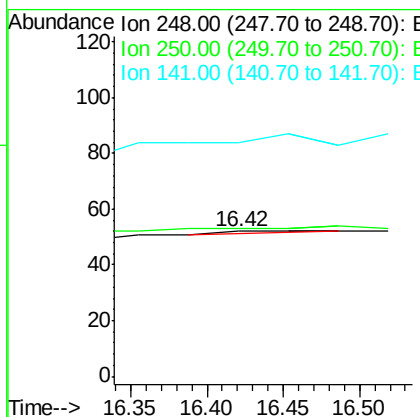
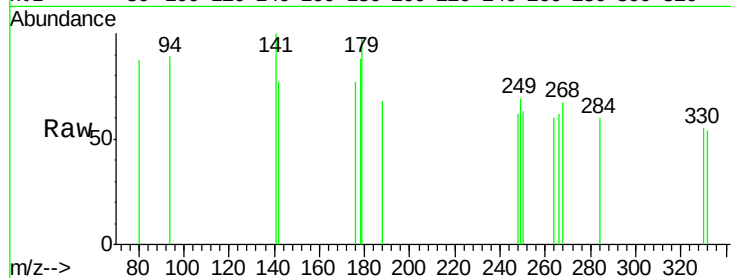




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

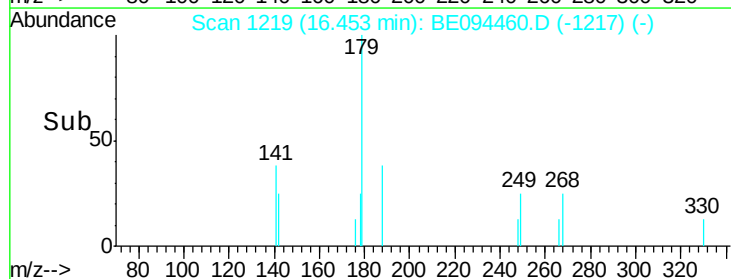
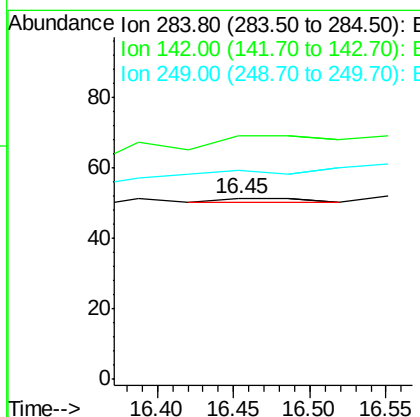
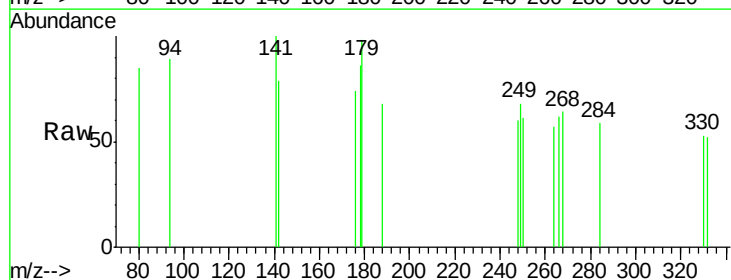
Instrument :
BNA_E
ClientSampleId :
3915-PA4

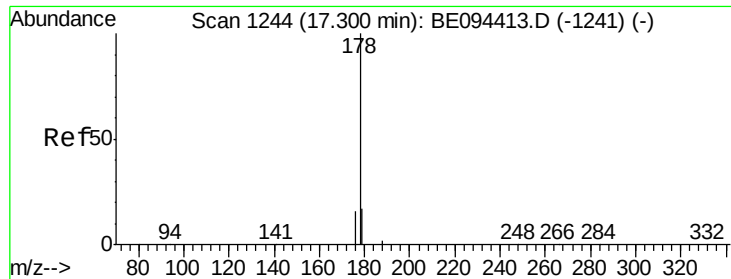
Tgt Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 101.9 62.7 94.1#
141 161.5 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.027 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.13 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:284 Resp: 4
Ion Ratio Lower Upper
284 100
142 550.0 22.1 33.1#
249 0.0 34.8 52.2#





#23

Phenanthrene

Concen: 0.020 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

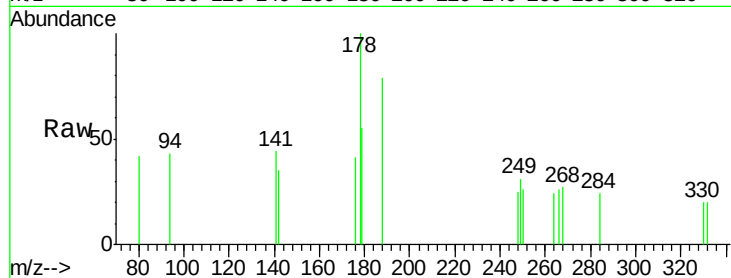
Tgt Ion:178 Resp: 688

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

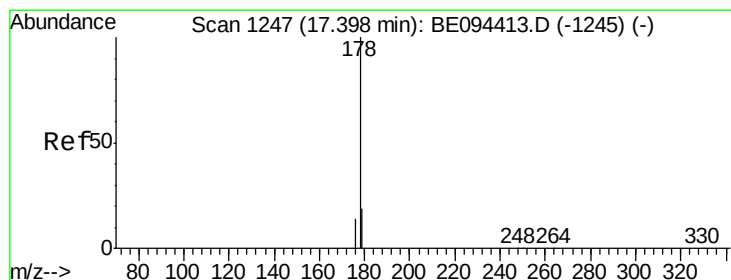
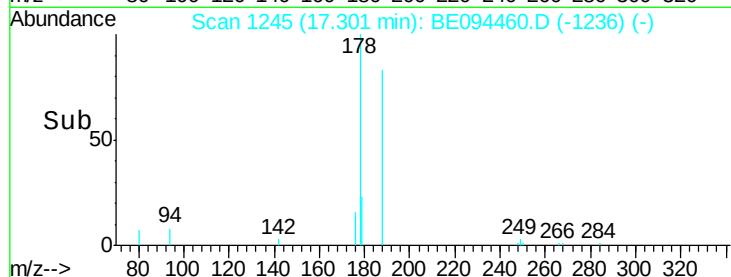
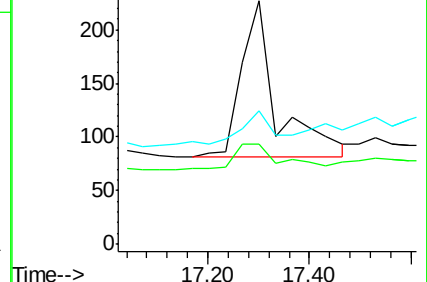
179 25.6 11.8 17.6#



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: 0.026 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

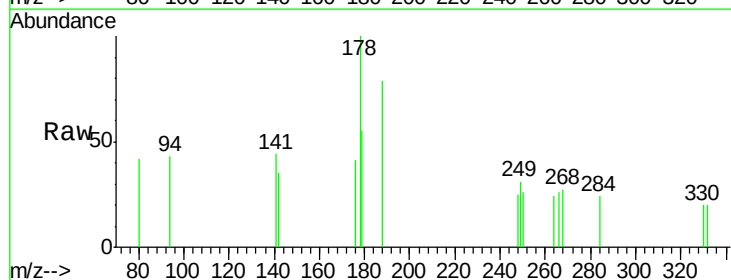
Tgt Ion:178 Resp: 712

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

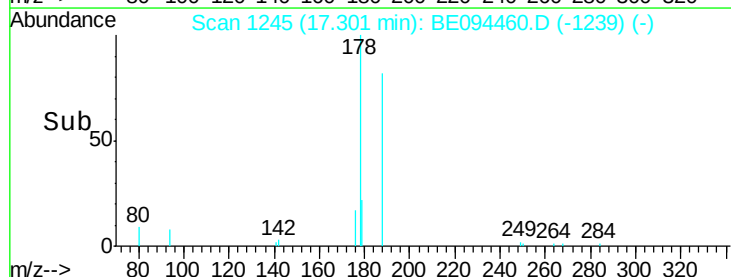
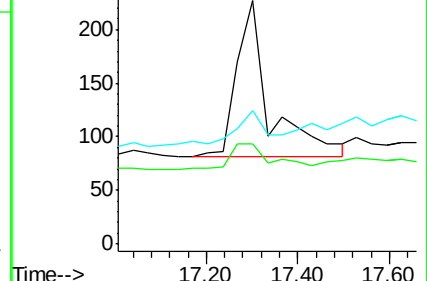
179 20.1 13.0 19.6#

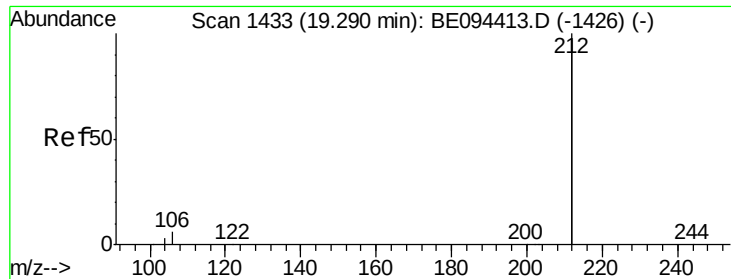


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

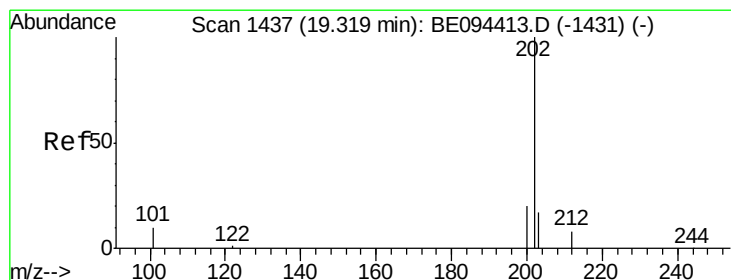
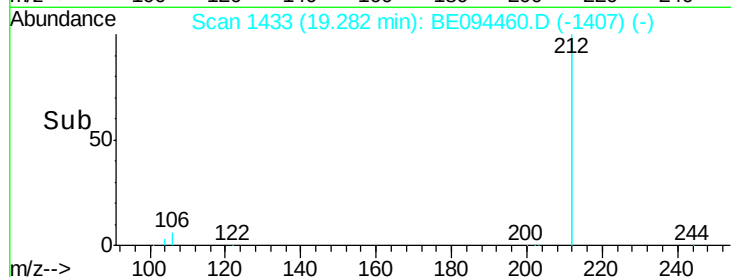
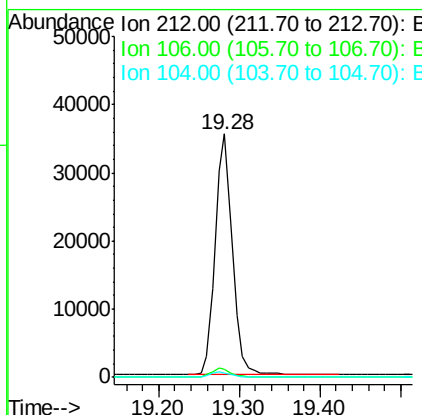
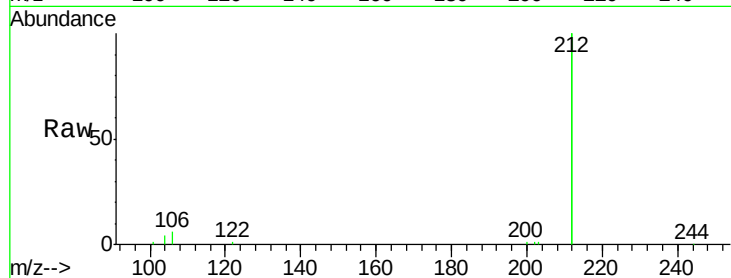




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

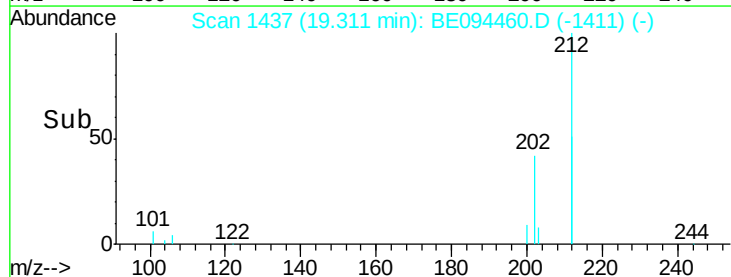
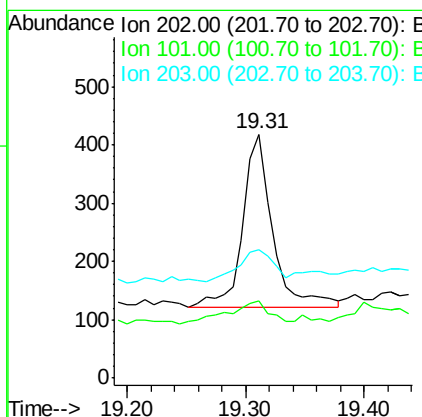
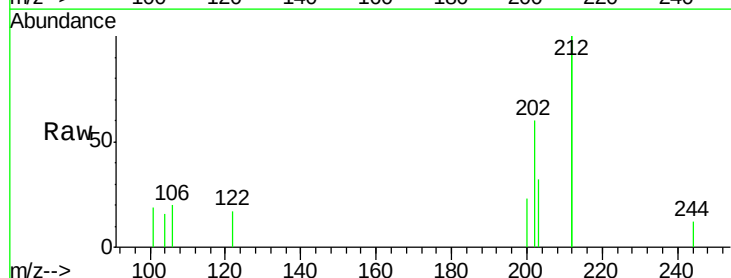
Instrument :
 BNA_E
 ClientSampleId :
 3915-PA4

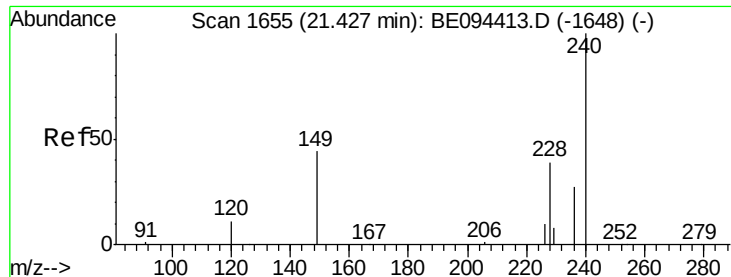
Tgt Ion:212 Resp: 52589
 Ion Ratio Lower Upper
 212 100
 106 3.7 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.012 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

Tgt Ion:202 Resp: 522
 Ion Ratio Lower Upper
 202 100
 101 18.0 9.8 14.8#
 203 20.3 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: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

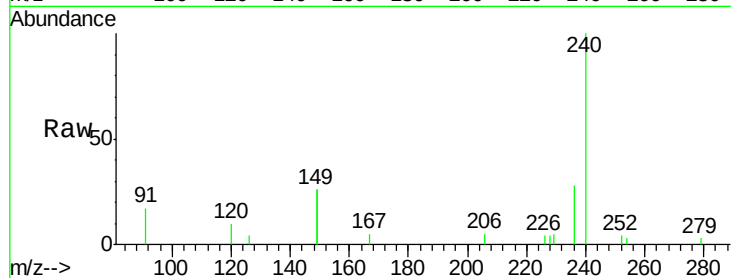
Tgt Ion:240 Resp: 9709

Ion Ratio Lower Upper

240 100

120 10.1 5.5 8.3#

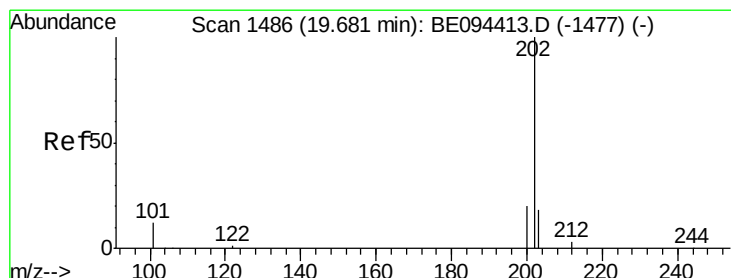
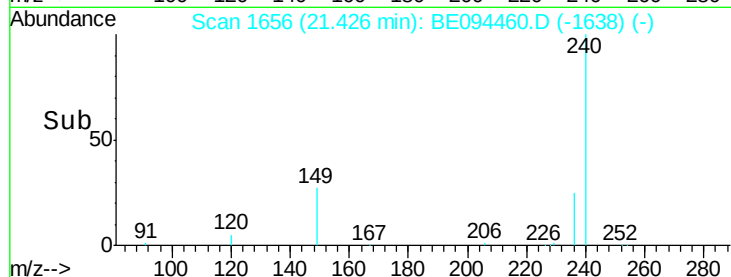
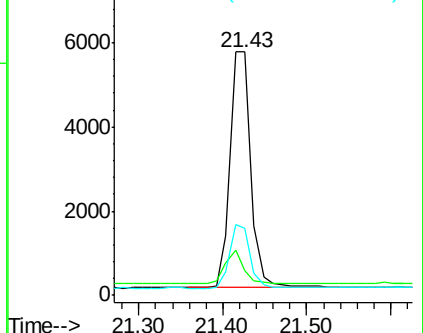
236 27.6 20.7 31.1



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: 0.007 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

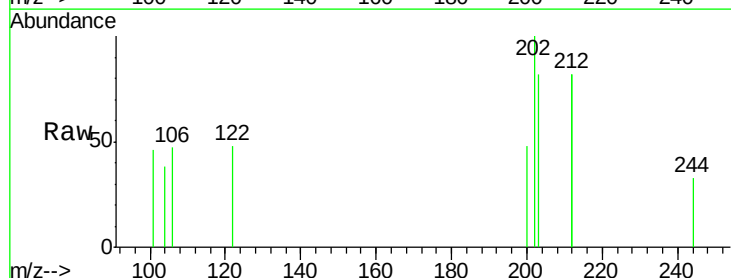
Tgt Ion:202 Resp: 253

Ion Ratio Lower Upper

202 100

200 19.4 16.6 25.0

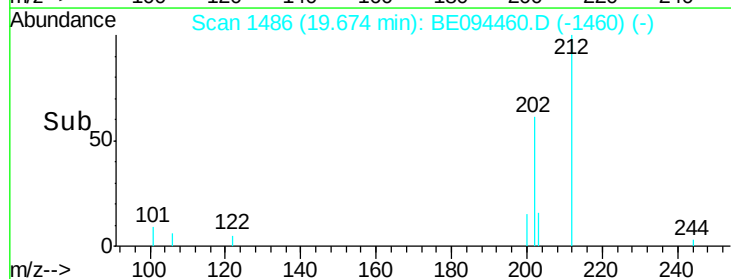
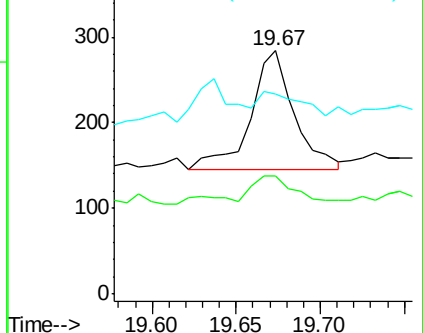
203 19.4 13.8 20.8

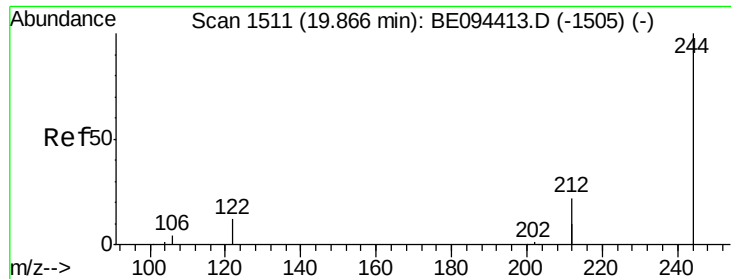


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

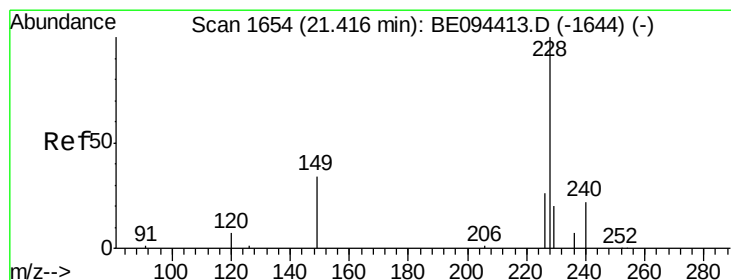
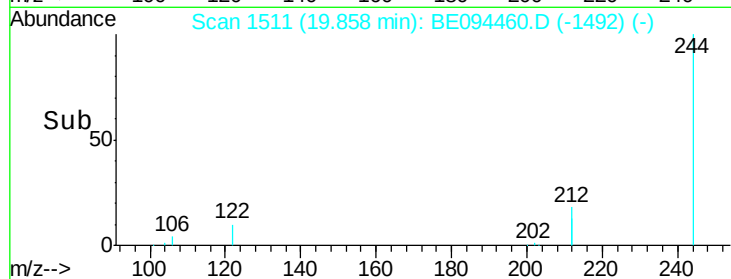
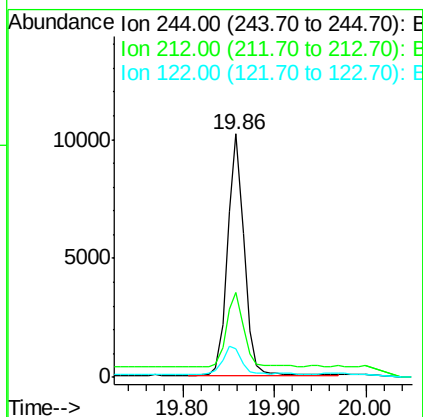
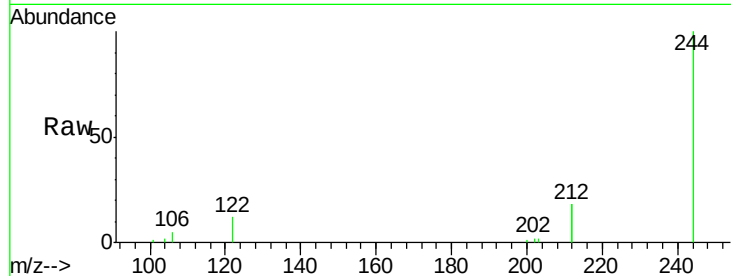




#29
 Terphenyl-d14
 Concen: 0.641 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

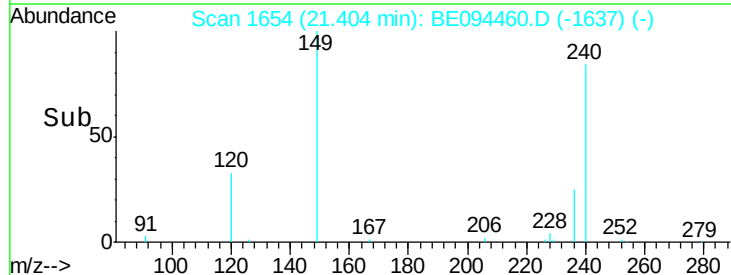
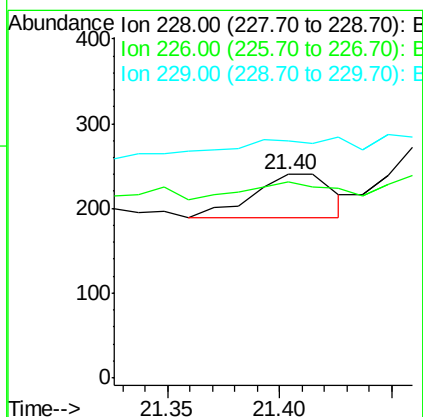
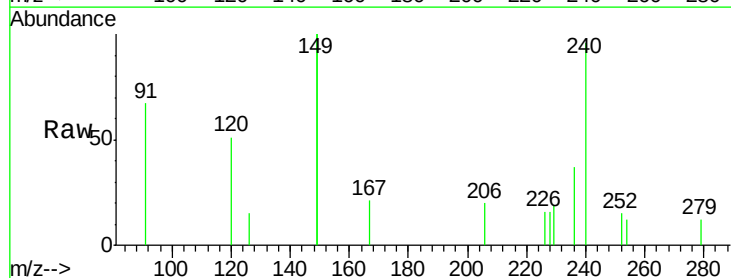
Instrument :
 BNA_E
 ClientSampleId :
 3915-PA4

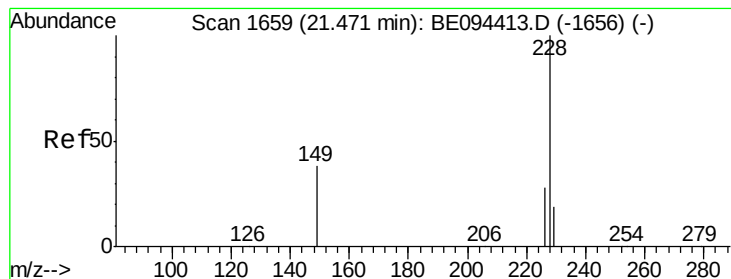
Tgt Ion: 244 Resp: 12563
 Ion Ratio Lower Upper
 244 100
 212 35.1 25.4 38.0
 122 11.5 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.004 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

Tgt Ion: 228 Resp: 128
 Ion Ratio Lower Upper
 228 100
 226 96.3 40.0 60.0#
 229 116.7 40.0 60.0#





#31

Chrysene

Concen: 0.005 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

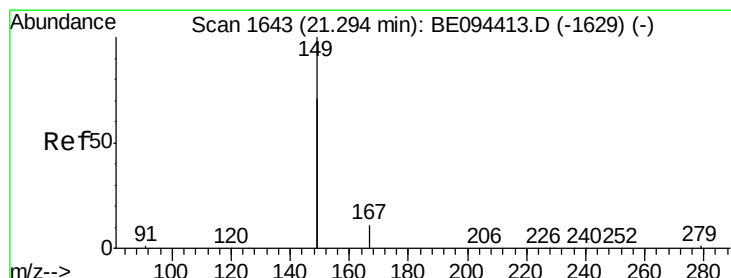
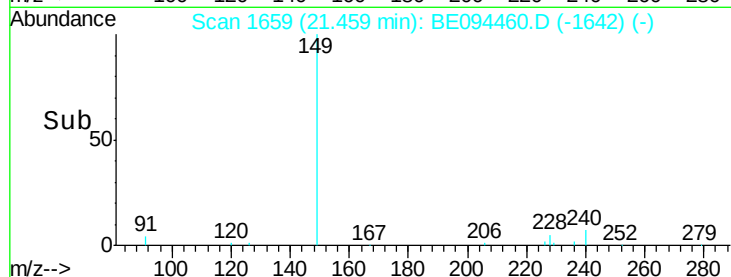
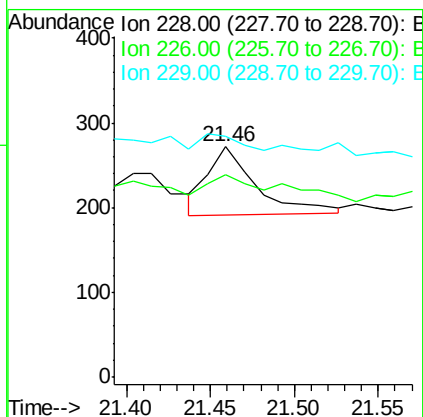
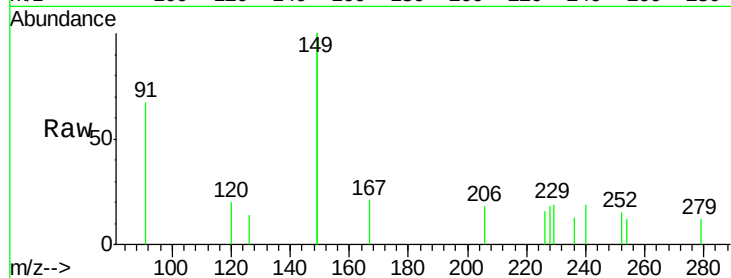
Tgt Ion: 228 Resp: 159

Ion Ratio Lower Upper

228 100

226 87.9 40.0 60.0#

229 104.4 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

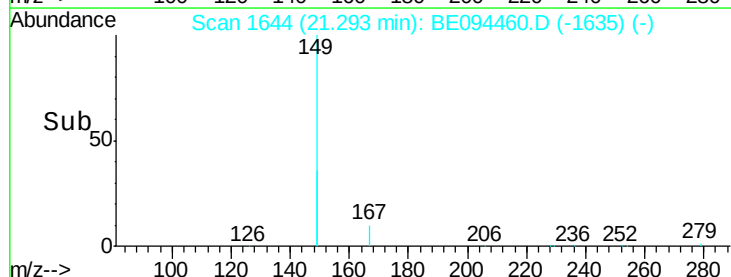
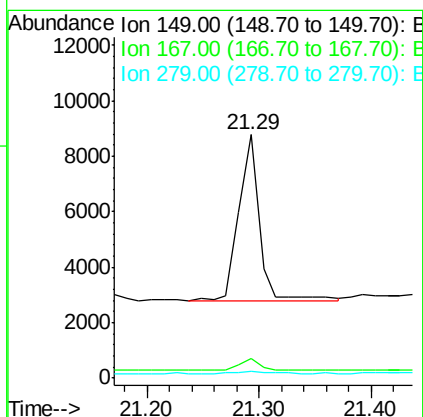
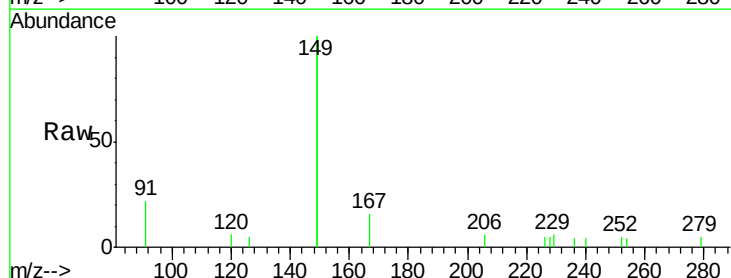
Tgt Ion: 149 Resp: 7495

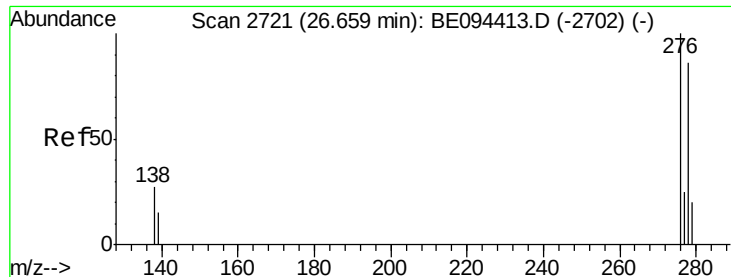
Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

279 1.2 0.7 1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 26.62 min Scan# 2714

Delta R.T. -0.03 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

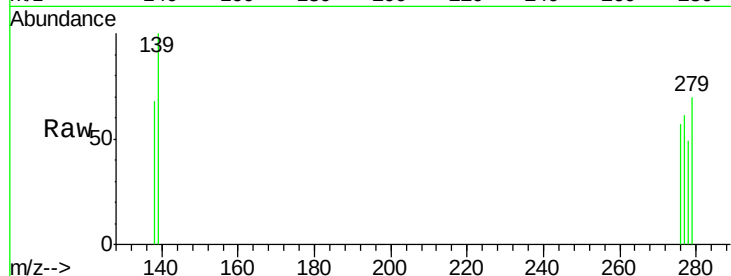
Tgt Ion:276 Resp: 31

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

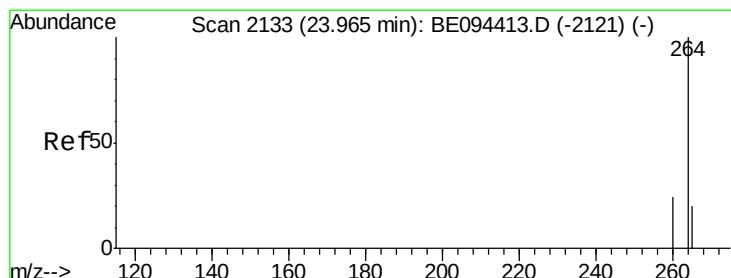
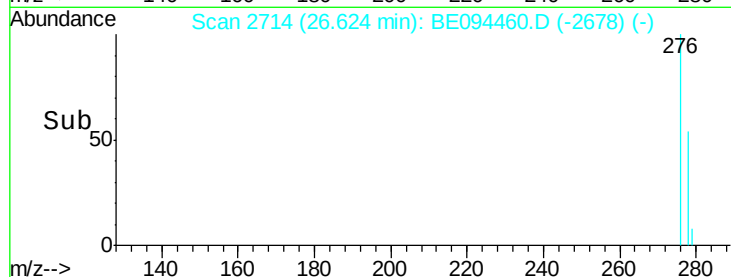
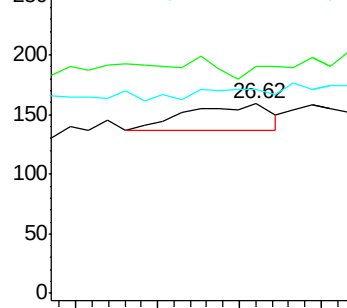
277 45.2 19.9 29.9#



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: BE094460.D

Acq: 19 Oct 2017 23:56

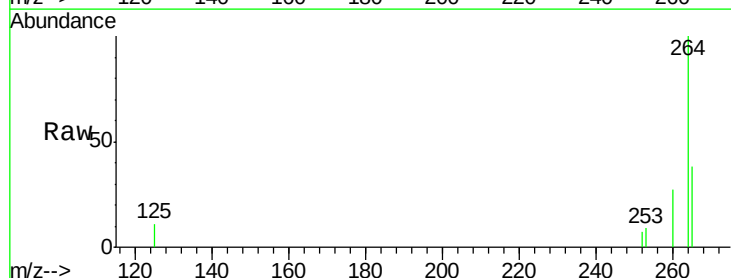
Tgt Ion:264 Resp: 9359

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

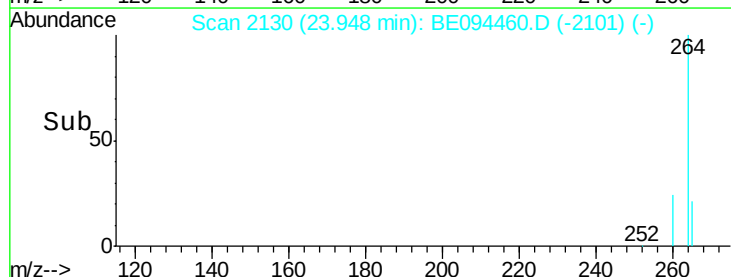
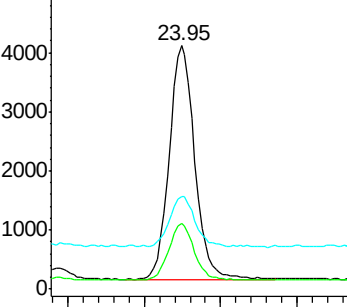
265 38.0 22.8 34.2#

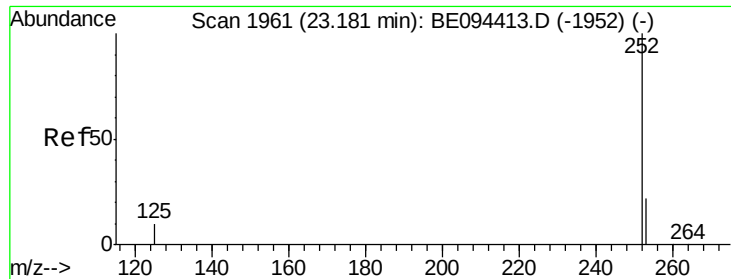


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.17 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

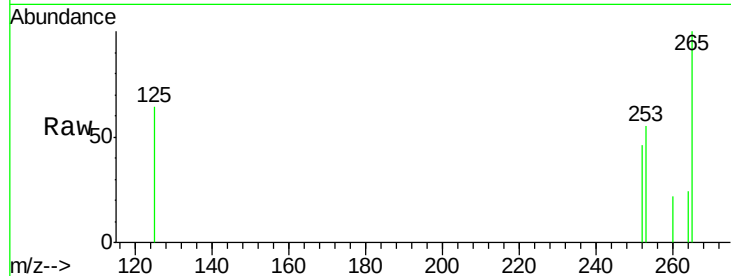
Tgt Ion: 252 Resp: 199

Ion Ratio Lower Upper

252 100

253 120.6 48.0 72.0#

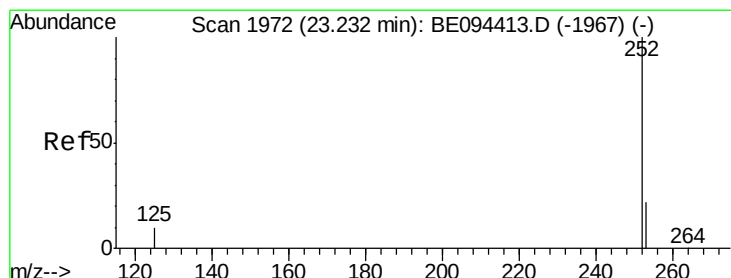
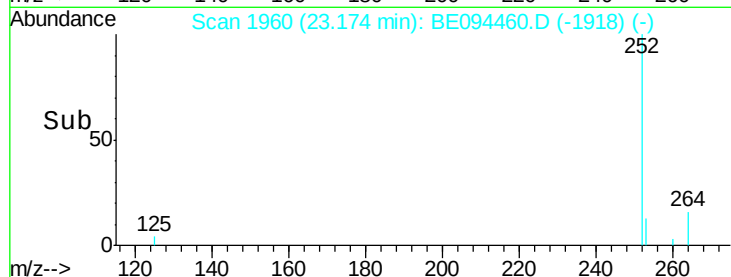
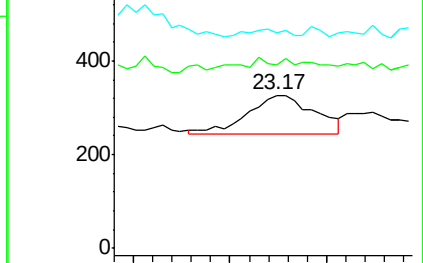
125 140.8 56.0 84.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.22 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

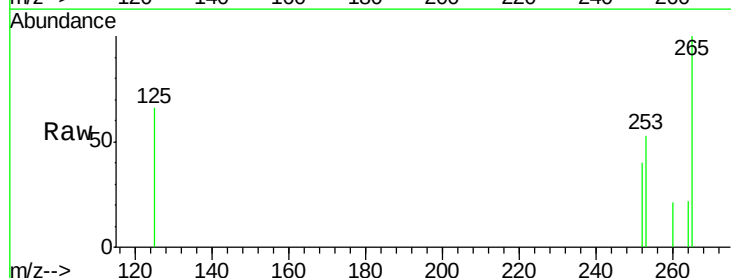
Tgt Ion: 252 Resp: 90

Ion Ratio Lower Upper

252 100

253 132.4 48.0 72.0#

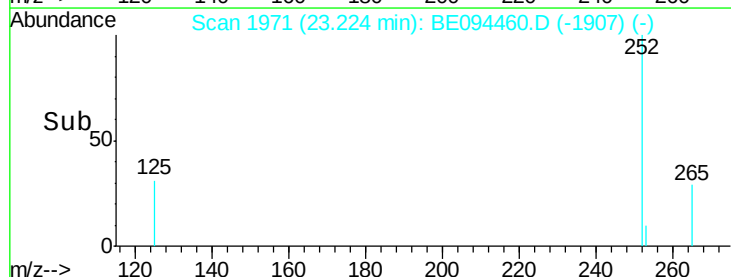
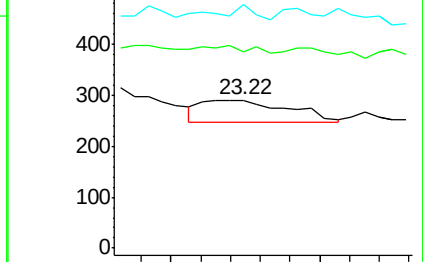
125 164.5 56.0 84.0#

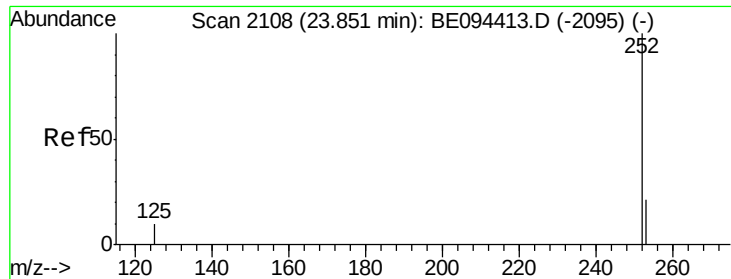


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.84 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

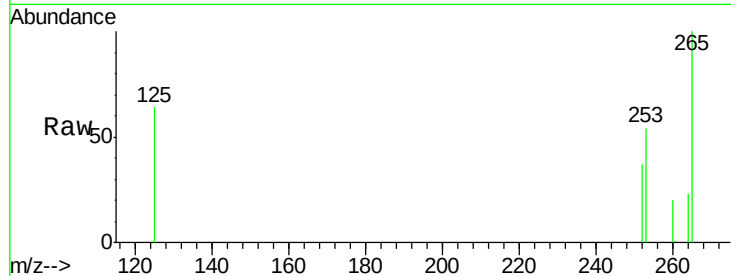
Tgt Ion: 252 Resp: 32

Ion Ratio Lower Upper

252 100

253 146.1 52.0 78.0#

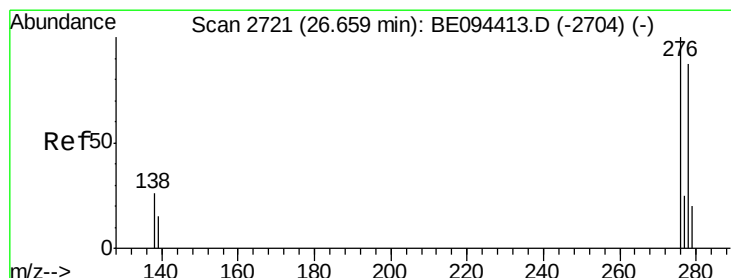
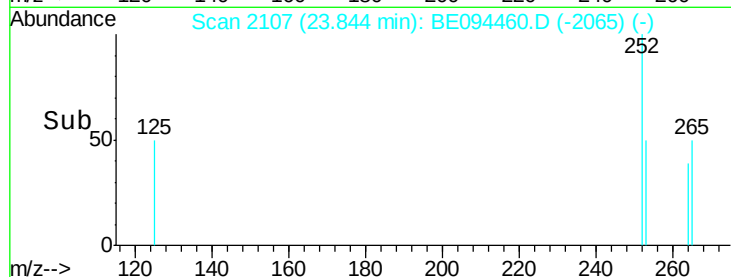
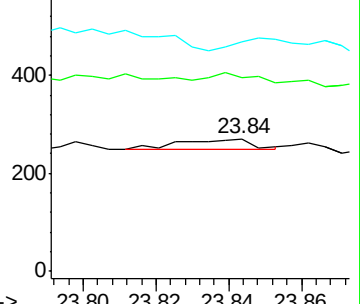
125 173.1 68.0 102.0#



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: 26.65 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

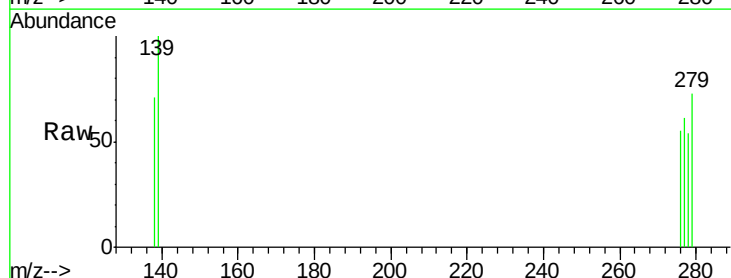
Tgt Ion: 278 Resp: 22

Ion Ratio Lower Upper

278 100

139 184.6 56.0 84.0#

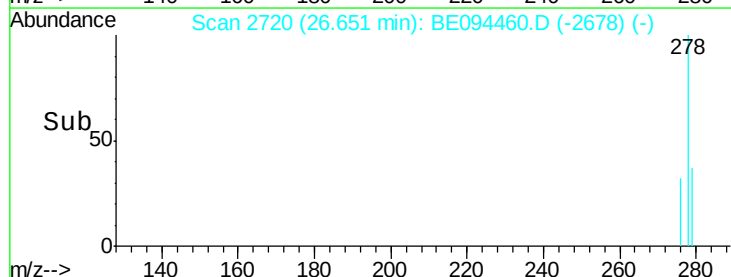
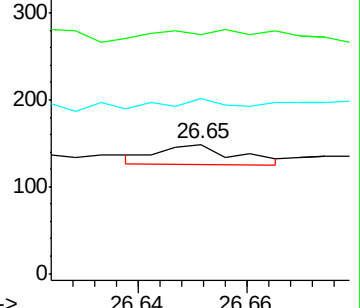
279 135.6 52.0 78.0#

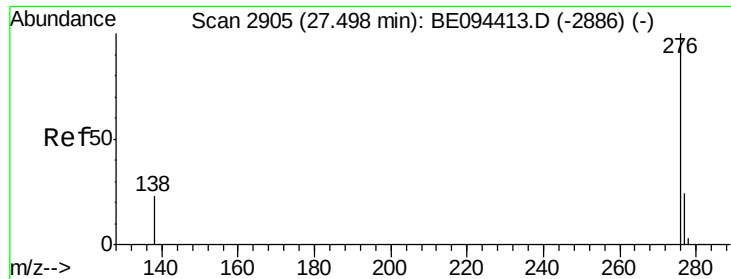


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.48 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BE094460.D

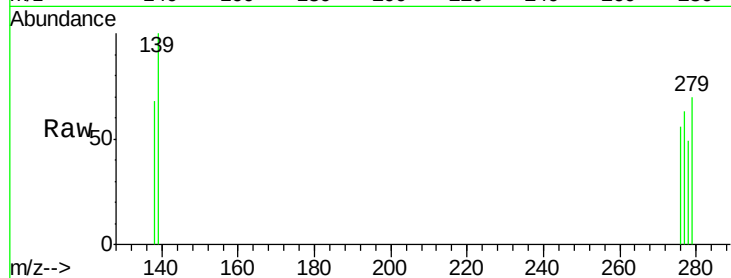
Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4



Tgt Ion: 276 Resp: 50

Ion Ratio Lower Upper

276 100

277 112.5 52.0 78.0#

138 121.7 44.0 66.0#

