

Data Path : Z:\HPCHEM1\BNA_E\Data\BE062416\
 Data File : BE091952.D
 Acq On : 24 Jun 2016 18:35
 Operator : UM/SJ
 Sample : H3676-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NCHC-011

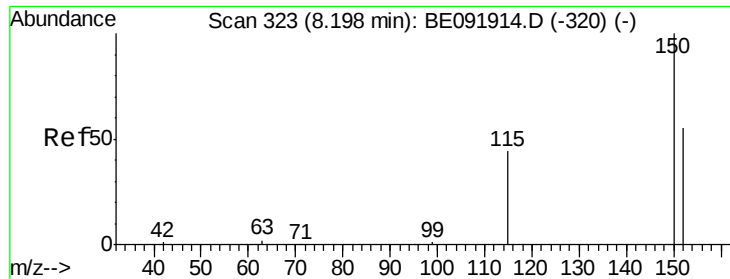
Quant Time: Jun 24 19:20:30 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	40321	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	195008	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	131004	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	245319	5.00	ng	0.00
31) Chrysene-d12	21.76	240	323132	5.00	ng	0.00
40) Perylene-d12	24.17	264	242042	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	50612	6.42	ng	0.00
5) Phenol-d6	7.37	99	85600	6.64	ng	0.02
9) Nitrobenzene-d5	9.37	82	47449	3.52	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	24068	7.07	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	115062	3.46	ng	0.00
34) Terphenyl-d14	20.22	244	130960	3.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.73	42	2652	0.41	ng	# 1
7) n-Nitroso-di-n-propylamine	9.08	70	207	0.14	ng	# 19
10) Nitrobenzene	9.37	77	186	0.06	ng	# 16
11) bis(2-Chloroethoxy)methane	10.07	93	953	0.06	ng	# 1
18) Acenaphthylene	14.59	152	7852	0.06	ng	# 77
19) 2,6-Dinitrotoluene	14.31	165	21167	0.94	ng	# 38
21) 2,4-Dinitrotoluene	14.86	165	61600	2.42	ng	# 1
22) Fluorene	15.91	166	1123	0.03	ng	# 83
23) 4-Chlorophenyl-phenylether	15.55	204	1064	0.06	ng	# 1
27) Pentachlorophenol	17.26	266	89	0.10	ng	# 78
28) Phenanthrene	17.64	178	14248	0.23	ng	97
29) Anthracene	17.64	178	14023	0.26	ng	96
30) Fluoranthene	19.65	202	126945	0.48	ng	# 87
32) Benzidine	19.79	184	85	0.10	ng	# 1
33) Pyrene	20.02	202	121856	0.55	ng	# 67
35) Benzo(a)anthracene	21.78	228	36063	0.71	ng	# 79
36) 3,3'-Dichlorobenzidine	21.70	252	450	0.05	ng	# 88
37) Chrysene	21.78	228	35385	0.48	ng	# 87
38) Bis(2-ethylhexyl)phthalate	21.64	149	28823	0.94	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	49821	0.20	ng	97
41) Benzo(b)fluoranthene	23.43	252	35762	0.58	ng	# 48
42) Benzo(k)fluoranthene	23.43	252	35762	0.63	ng	# 51
43) Benzo(a)pyrene	24.06	252	16955	0.31	ng	# 64
44) Dibenzo(a,h)anthracene	26.70	278	3358	0.06	ng	# 1
45) Benzo(g,h,i)perylene	27.47	276	61433	0.28	ng	# 78

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

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NCHC-011

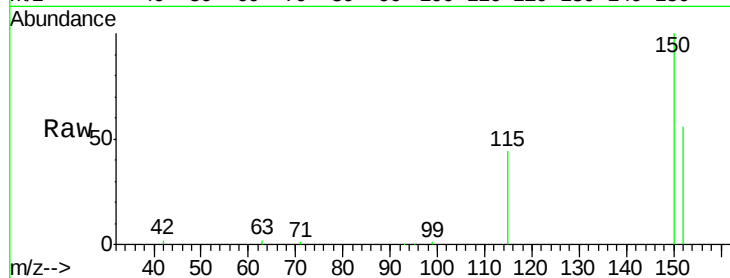
Tgt Ion:152 Resp: 40321

Ion Ratio Lower Upper

152 100

150 179.2 123.9 185.9

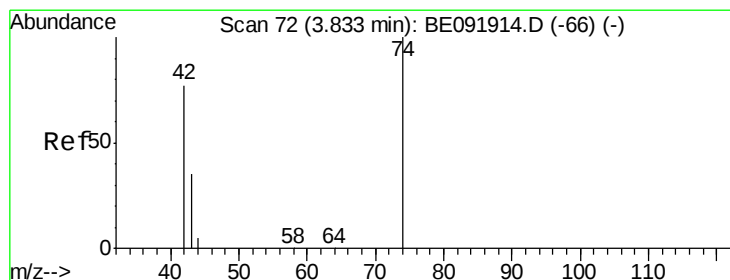
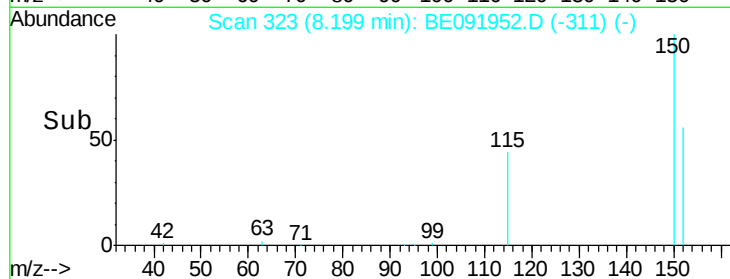
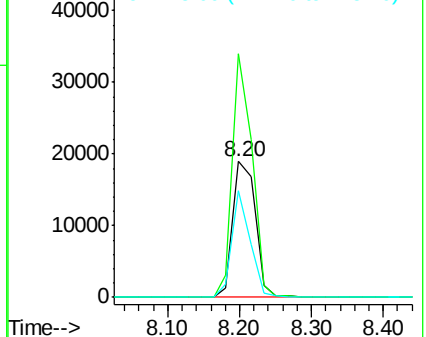
115 78.7 48.3 72.5#



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: 0.41 ng

RT: 3.73 min Scan# 66

Delta R.T. -0.07 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

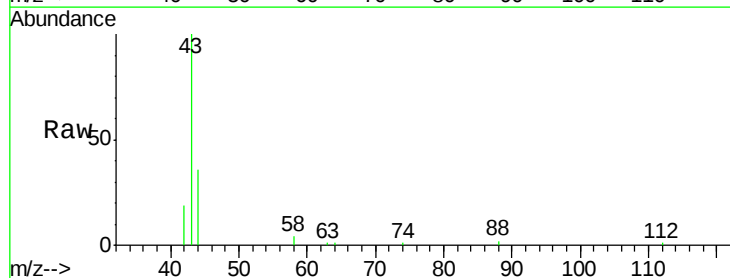
Tgt Ion: 42 Resp: 2652

Ion Ratio Lower Upper

42 100

74 1.0 93.4 140.0#

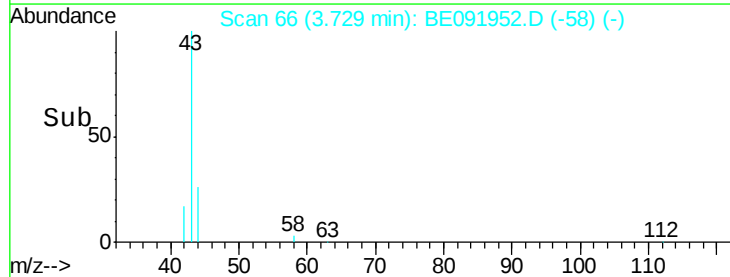
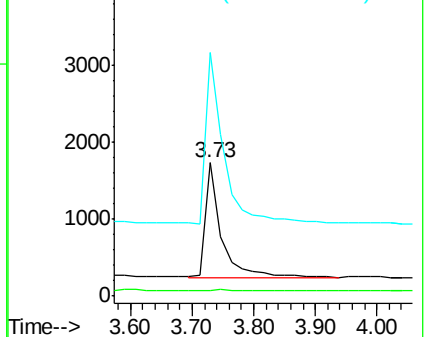
44 168.3 5.0 7.6#

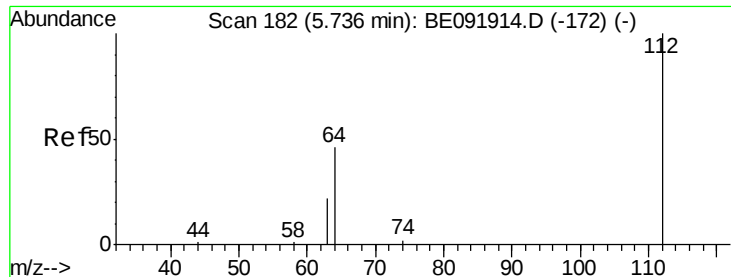


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 6.42 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

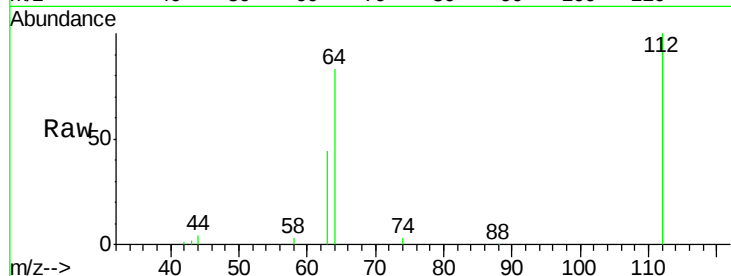
Tgt Ion: 112 Resp: 50612

Ion Ratio Lower Upper

112 100

64 68.9 53.7 80.5

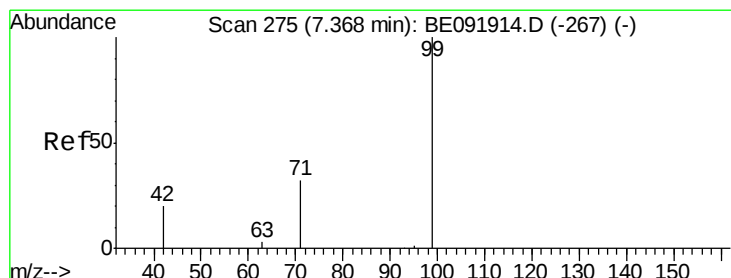
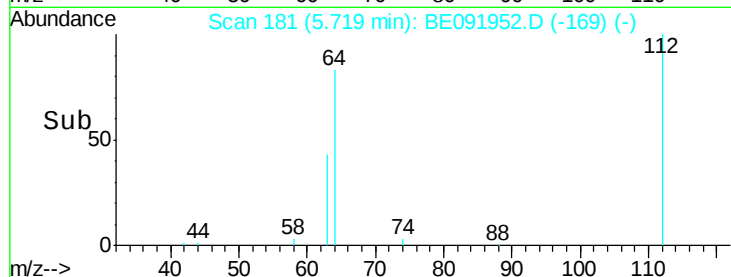
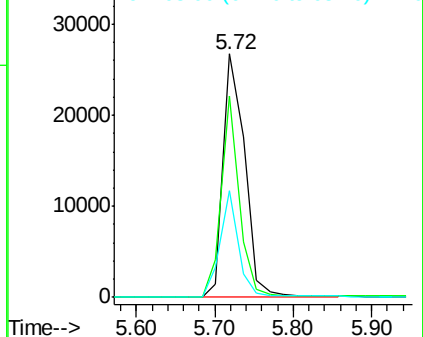
63 36.8 29.5 44.3



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: 6.64 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

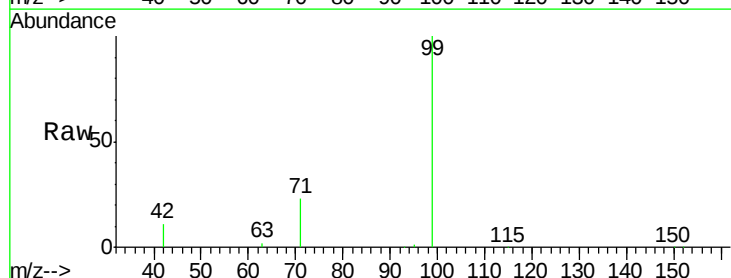
Tgt Ion: 99 Resp: 85600

Ion Ratio Lower Upper

99 100

42 25.1 19.6 29.4

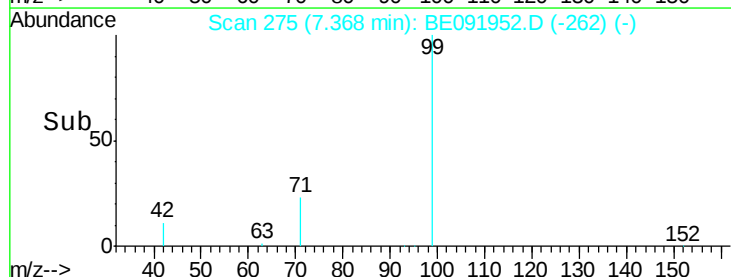
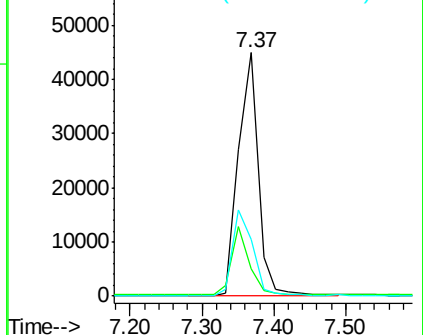
71 35.7 28.1 42.1

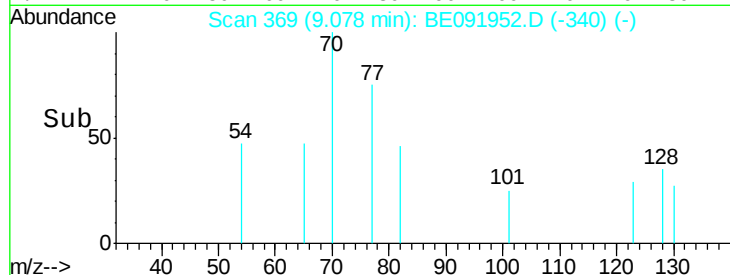
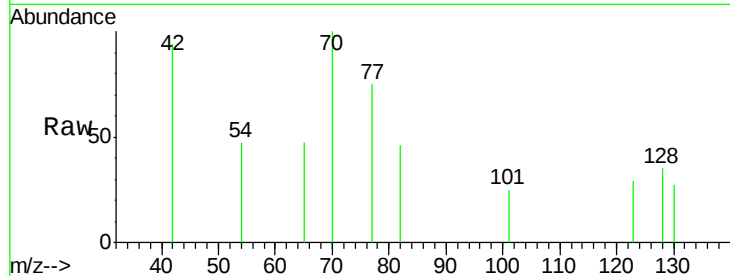
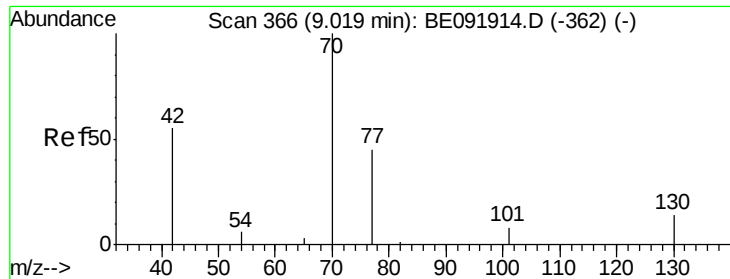


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.14 ng

RT: 9.08 min Scan# 369

Delta R.T. 0.08 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

Tgt Ion: 70 Resp: 207

Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

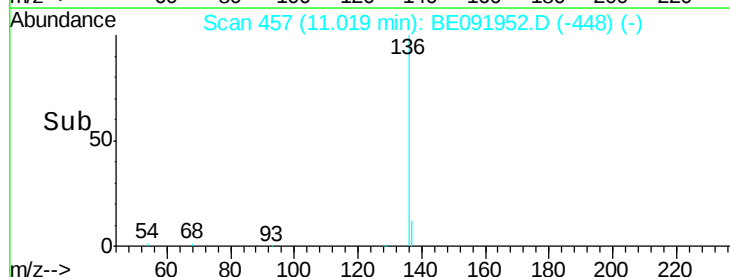
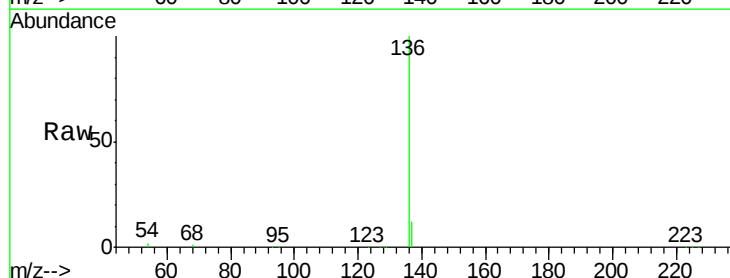
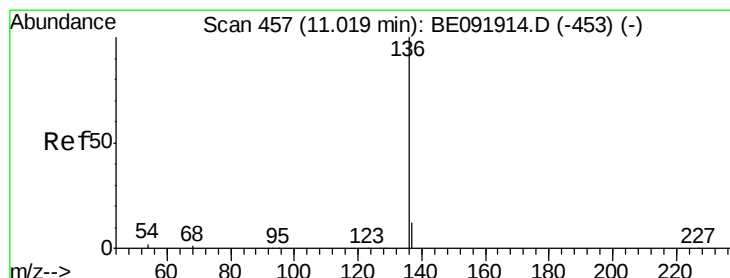
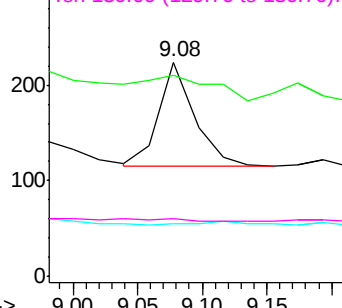
130 0.0 0.0 0.0

Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Tgt Ion: 136 Resp: 195008

Ion Ratio Lower Upper

136 100

137 12.3 8.3 12.5

54 1.5 8.2 12.4#

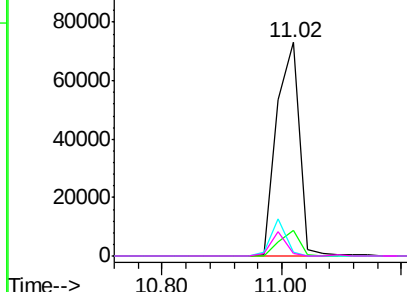
68 1.4 5.9 8.9#

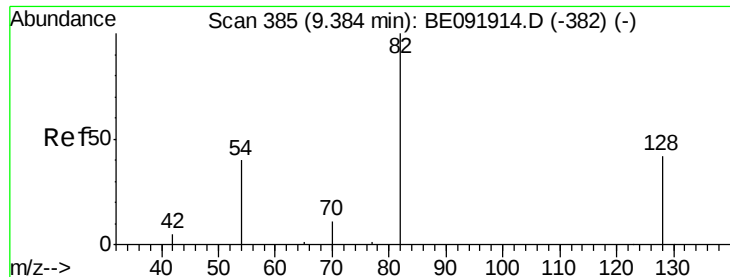
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 3.52 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

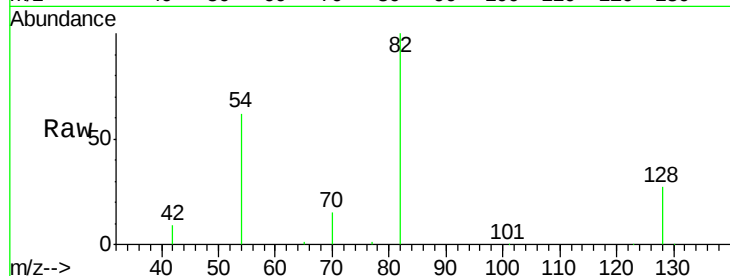
Tgt Ion: 82 Resp: 47449

Ion Ratio Lower Upper

82 100

128 27.3 39.5 59.3#

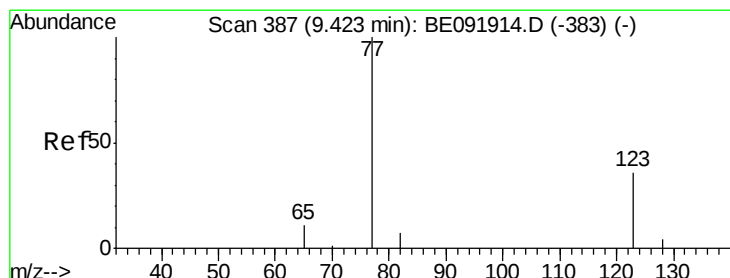
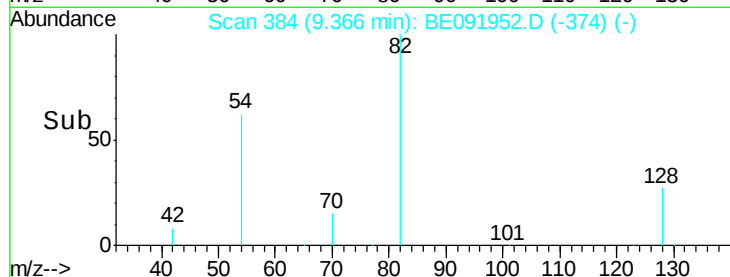
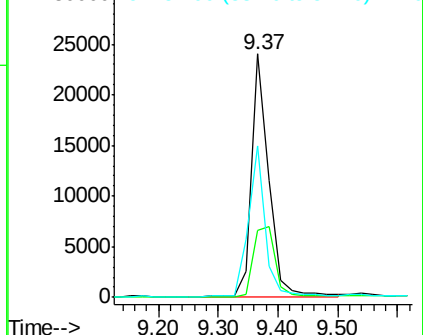
54 62.4 30.3 45.5#



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



#10

Nitrobenzene

Concen: 0.06 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.04 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

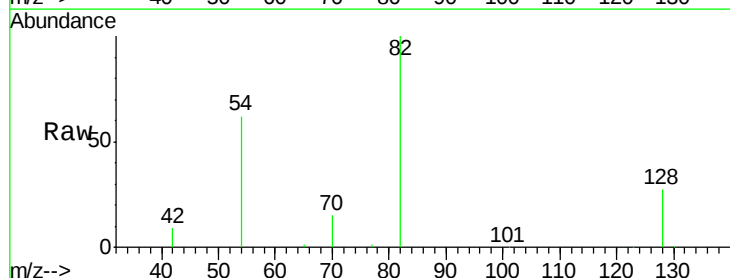
Tgt Ion: 77 Resp: 186

Ion Ratio Lower Upper

77 100

123 11.3 0.0 0.0#

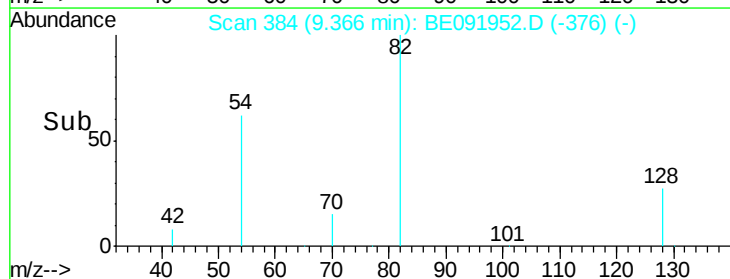
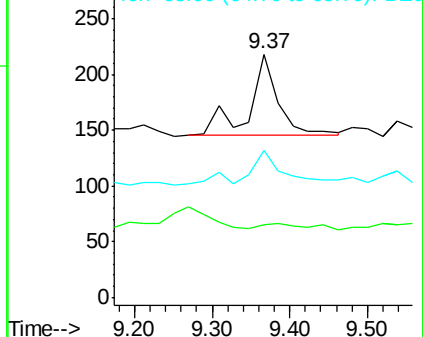
65 47.8 11.1 16.7#

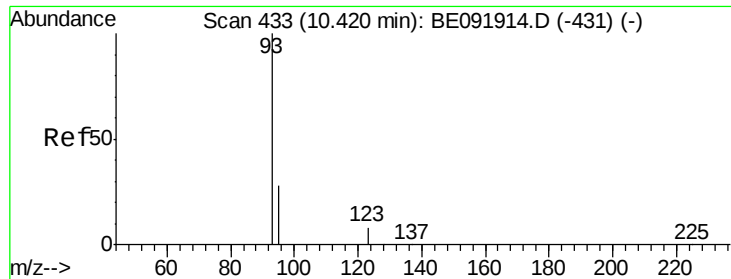


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

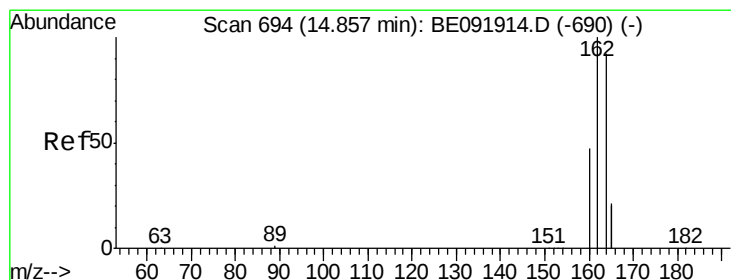
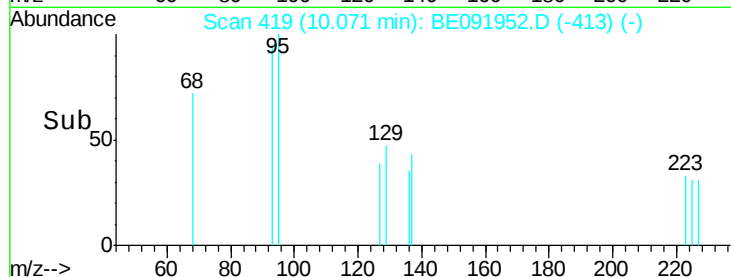
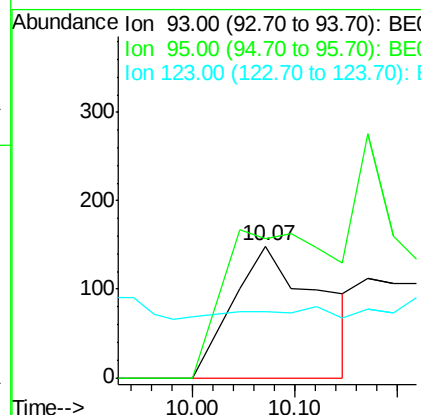
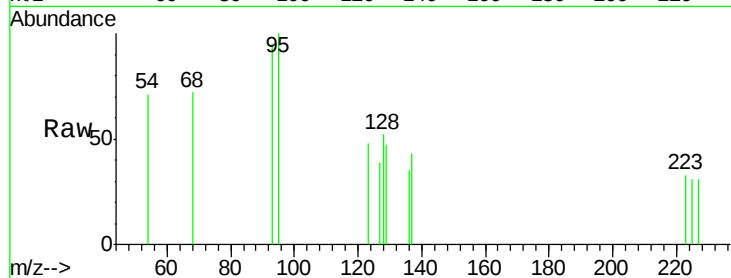




#11
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.07 min Scan# 419
Delta R.T. -0.35 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

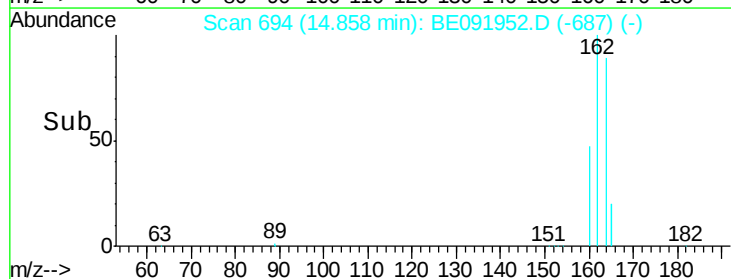
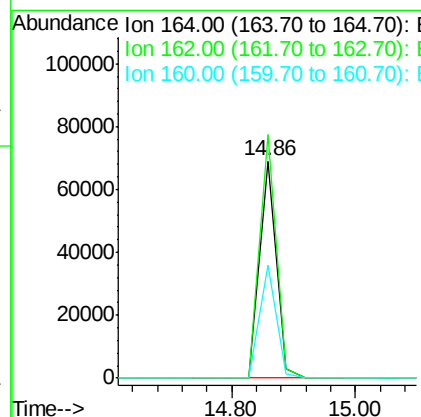
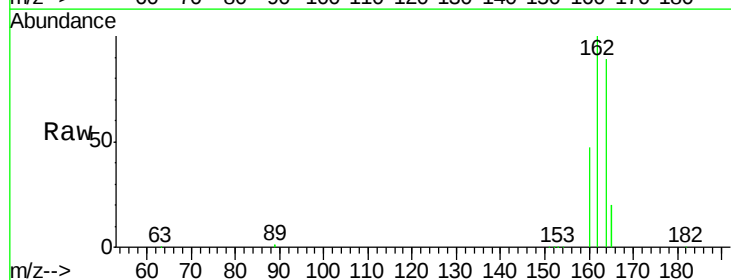
Instrument :
BNA_E
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NCHC-011

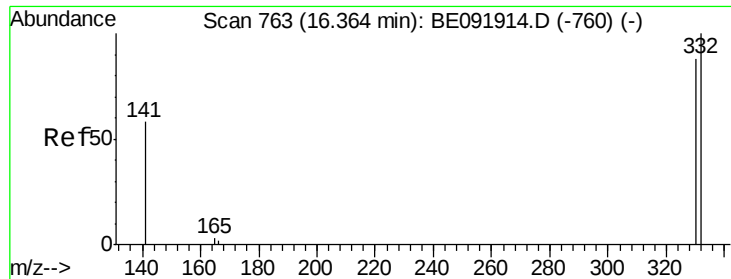
Tgt Ion: 93 Resp: 953
Ion Ratio Lower Upper
93 100
95 0.0 57.6 86.4#
123 4.9 100.2 150.4#



#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion: 164 Resp: 131004
Ion Ratio Lower Upper
164 100
162 112.1 71.8 107.8#
160 52.2 28.0 42.0#

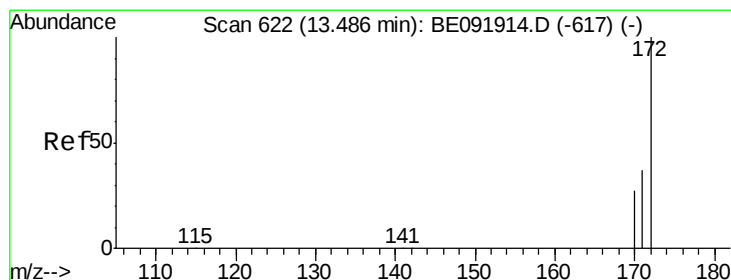
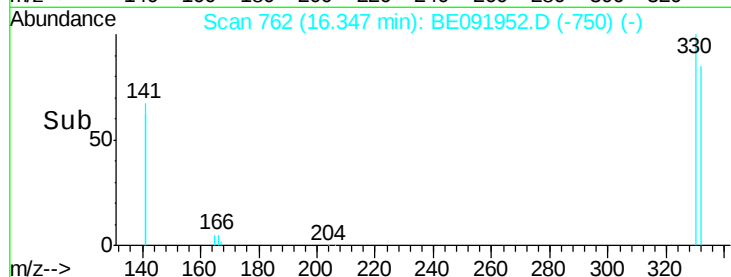
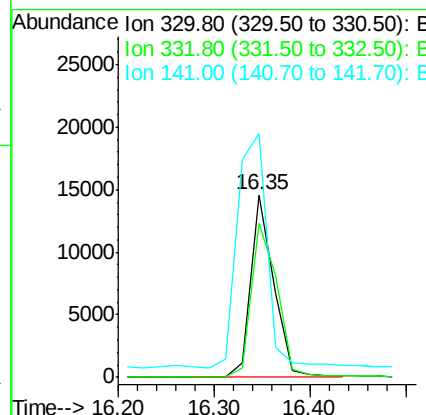
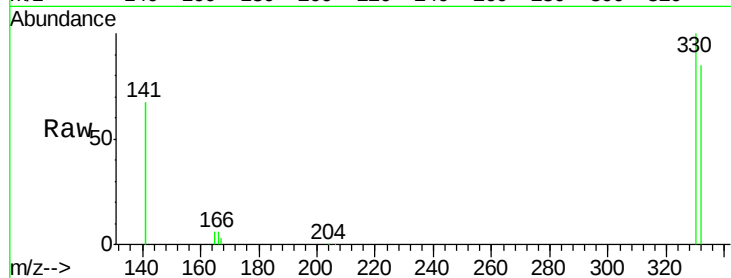




#16
 2,4,6-Tribromophenol
 Concen: 7.07 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091952.D
 Acq: 24 Jun 2016 18:35

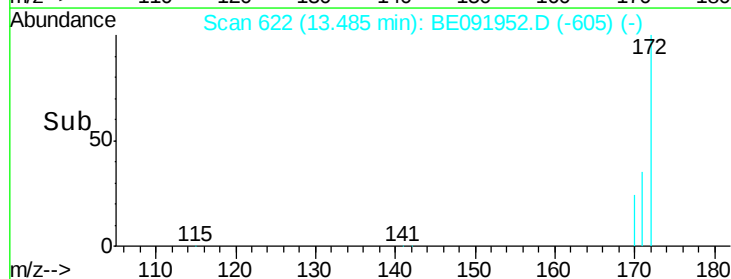
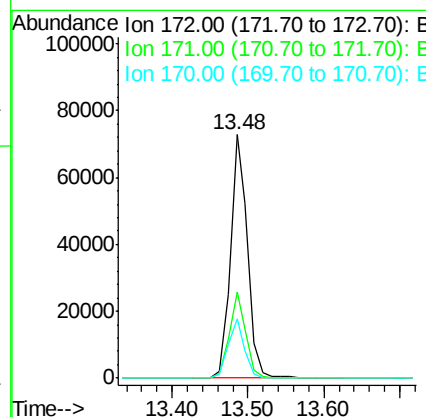
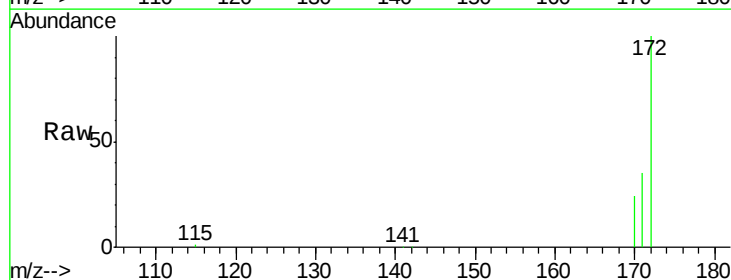
Instrument :
 BNA_E
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 NCHC-011

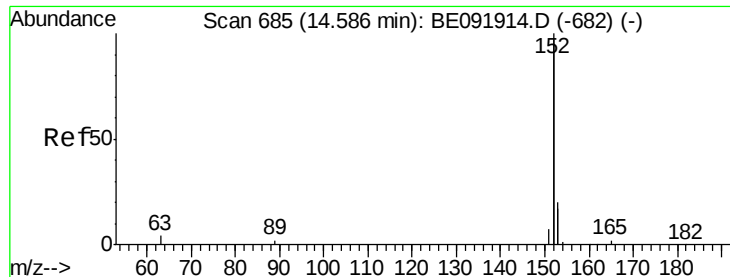
Tgt Ion:330 Resp: 24068
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 172.4 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 13.48 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091952.D
 Acq: 24 Jun 2016 18:35

Tgt Ion:172 Resp: 115062
 Ion Ratio Lower Upper
 172 100
 171 35.4 24.3 36.5
 170 24.3 14.9 22.3#





#18

Acenaphthylene

Concen: 0.06 ng

RT: 14.59 min Scan# 685

Delta R.T. 0.03 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

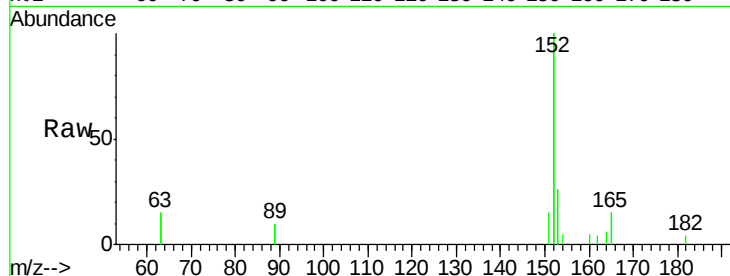
Tgt Ion:152 Resp: 7852

Ion Ratio Lower Upper

152 100

151 6.3 19.4 29.2#

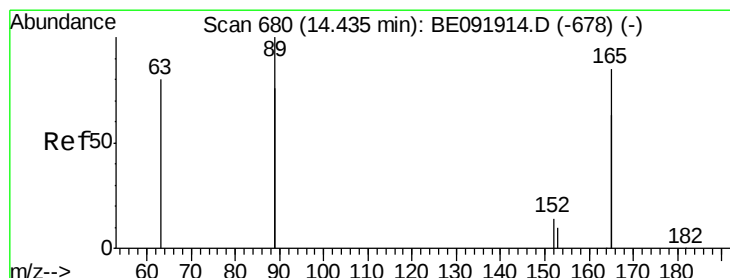
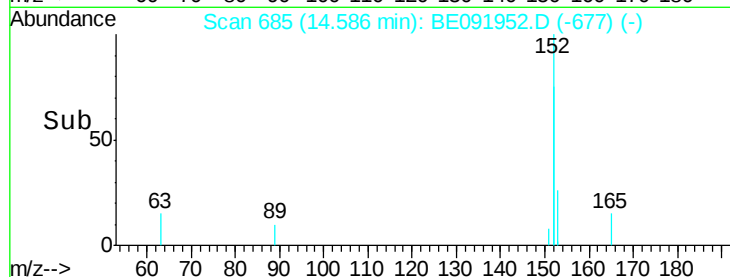
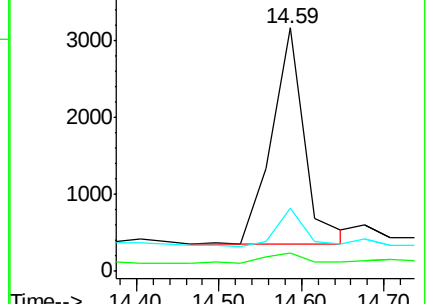
153 15.6 14.4 21.6



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



#19

2,6-Dinitrotoluene

Concen: 0.94 ng

RT: 14.31 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

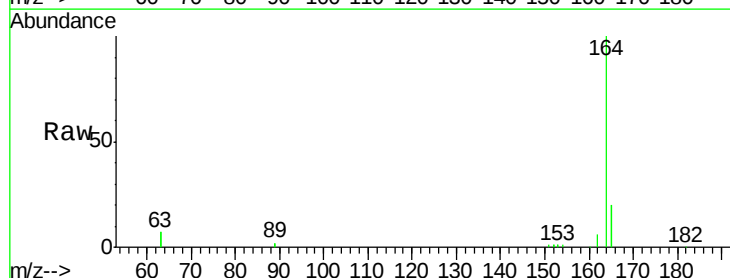
Tgt Ion:165 Resp: 21167

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

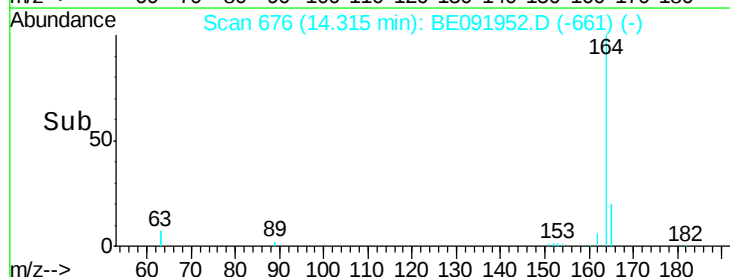
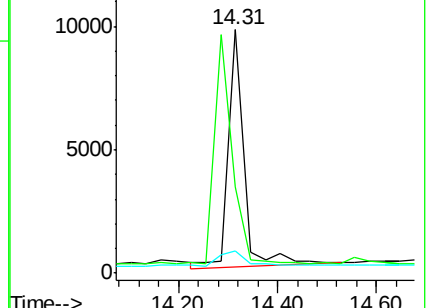
89 49.8 59.1 88.7#

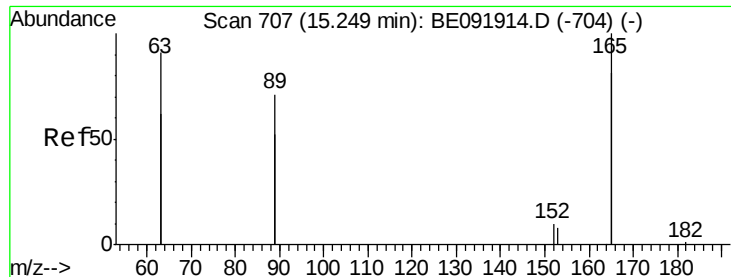


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

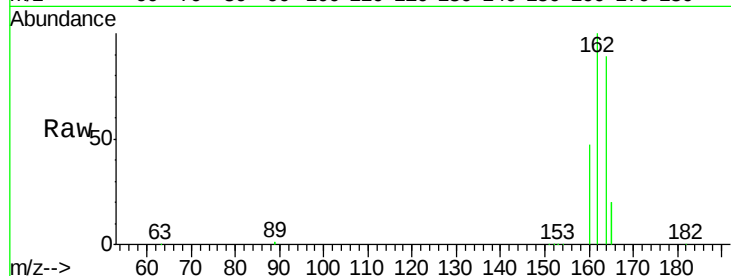




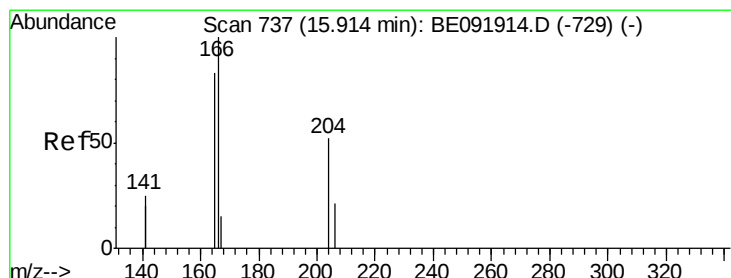
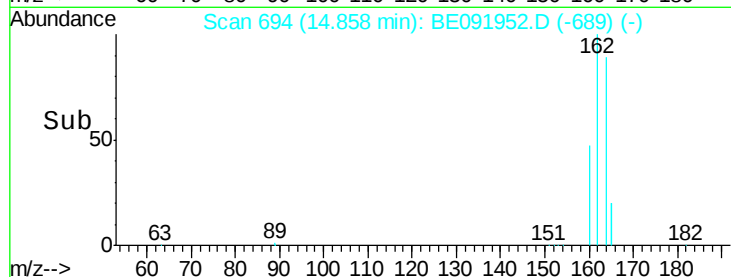
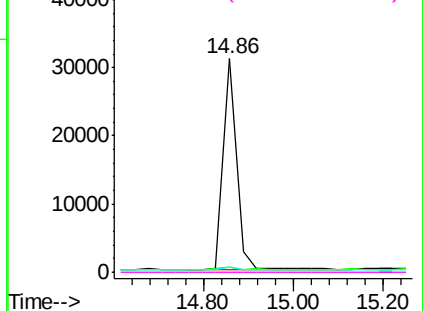
#21
2,4-Dinitrotoluene
Concen: 2.42 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.36 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:165 Resp: 61600
Ion Ratio Lower Upper
165 100
63 2.0 0.0 0.0#
89 1.9 99.8 149.8#
182 0.0 0.0 0.0

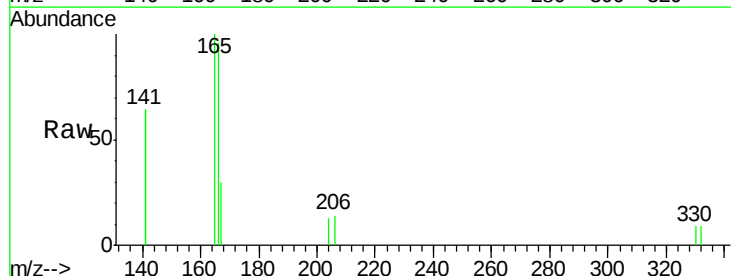


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

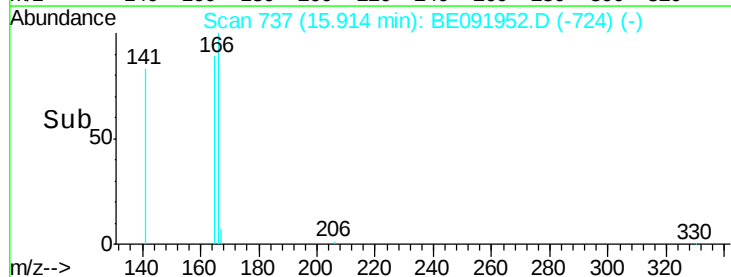
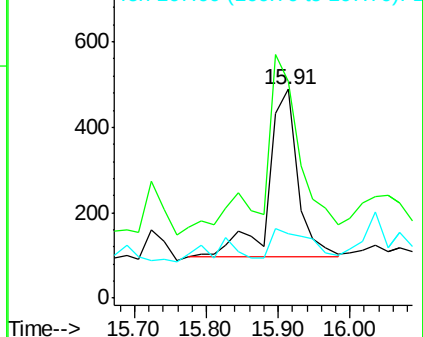


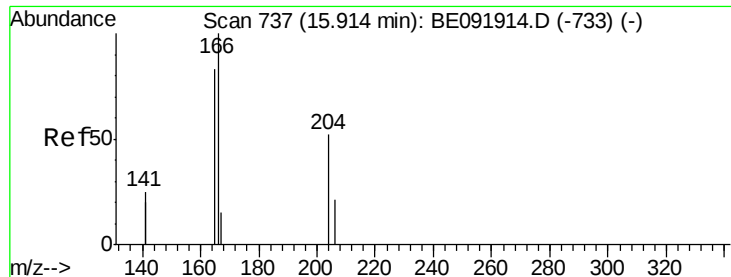
#22
Fluorene
Concen: 0.03 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:166 Resp: 1123
Ion Ratio Lower Upper
166 100
165 114.0 78.6 117.8
167 22.9 10.8 16.2#



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





#23

4-Chlorophenyl-phenylether

Concen: 0.06 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

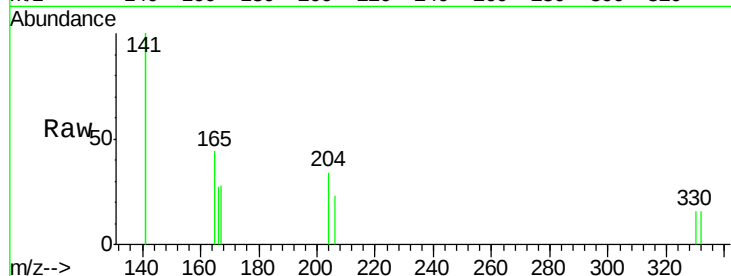
Tgt Ion: 204 Resp: 1064

Ion Ratio Lower Upper

204 100

206 0.0 27.8 41.6#

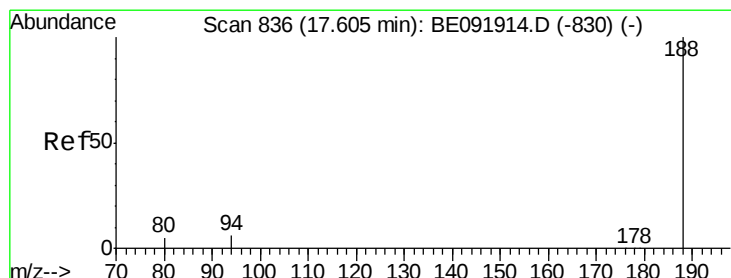
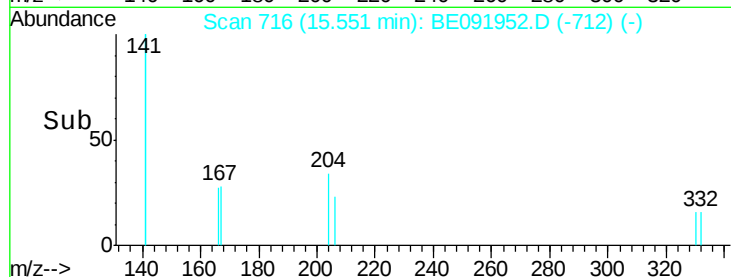
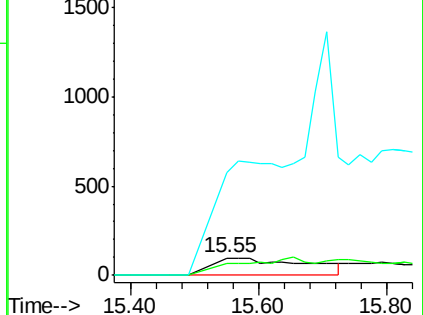
141 510.3 197.6 296.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.61 min Scan# 836

Delta R.T. -0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

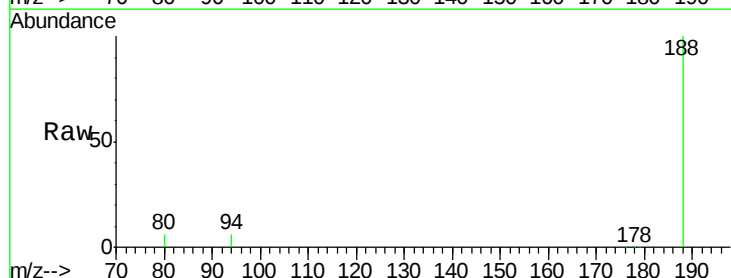
Tgt Ion: 188 Resp: 245319

Ion Ratio Lower Upper

188 100

94 6.3 4.1 6.1#

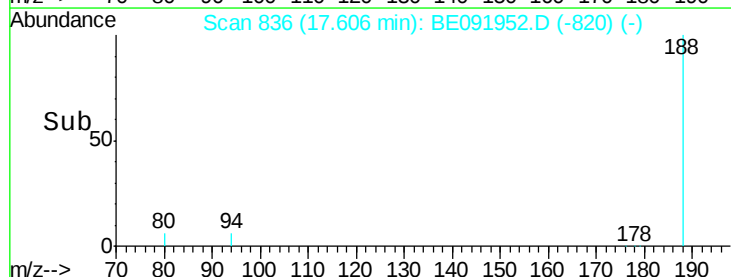
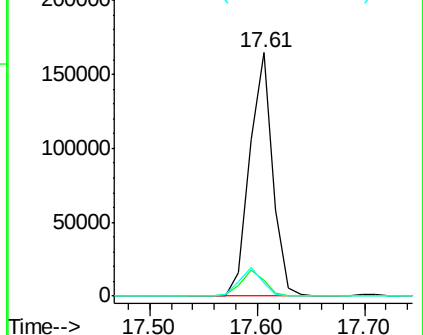
80 5.6 3.4 5.2#

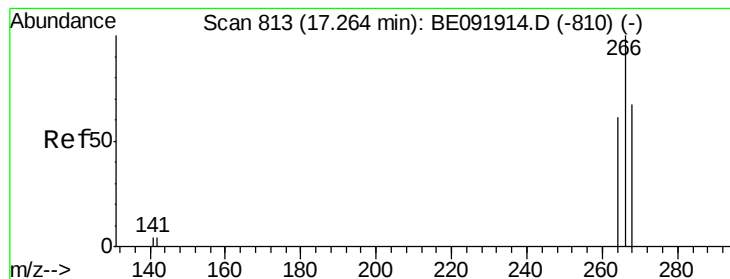


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#27

Pentachlorophenol

Concen: 0.10 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

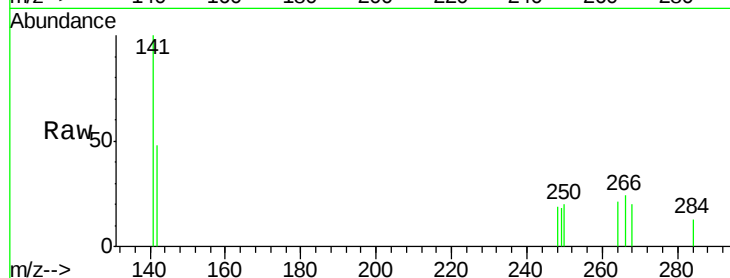
Tgt Ion:266 Resp: 89

Ion Ratio Lower Upper

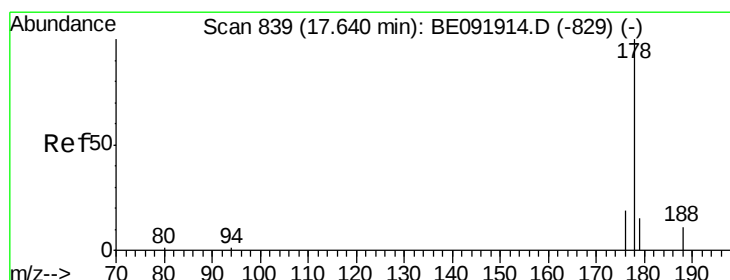
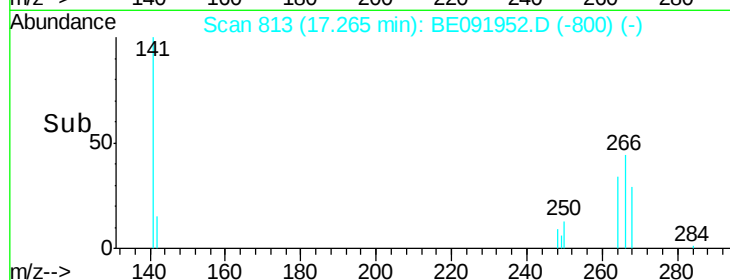
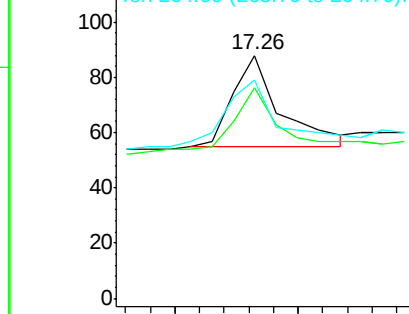
266 100

268 86.4 60.5 90.7

264 89.8 51.0 76.4#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 0.23 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

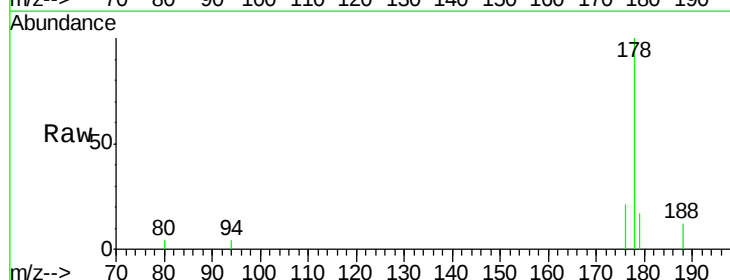
Tgt Ion:178 Resp: 14248

Ion Ratio Lower Upper

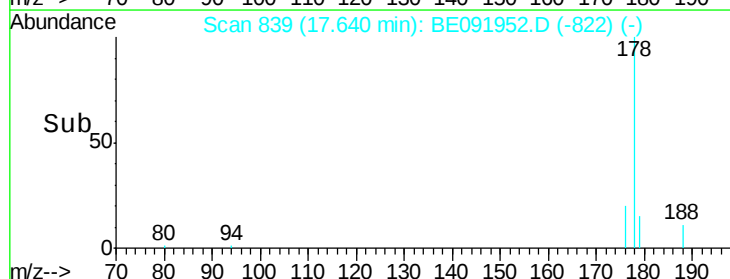
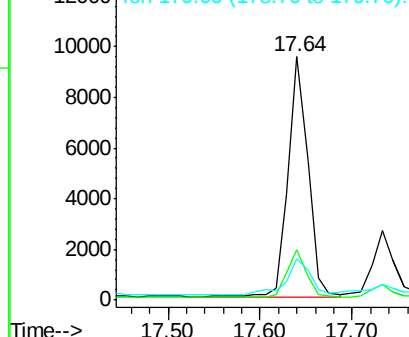
178 100

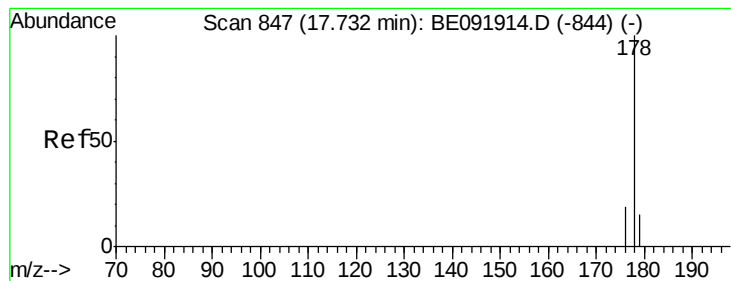
176 19.3 15.4 23.2

179 19.0 12.9 19.3



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





#29

Anthracene

Concen: 0.26 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.09 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

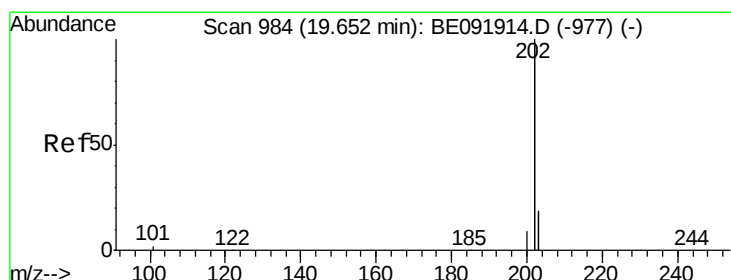
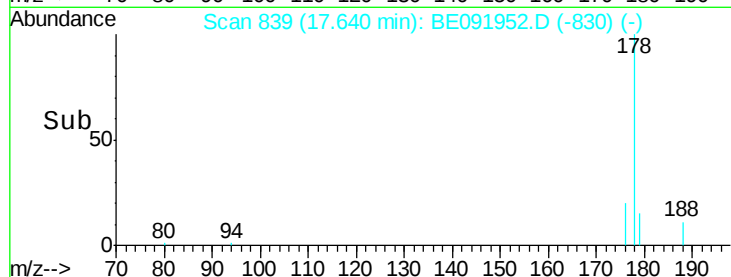
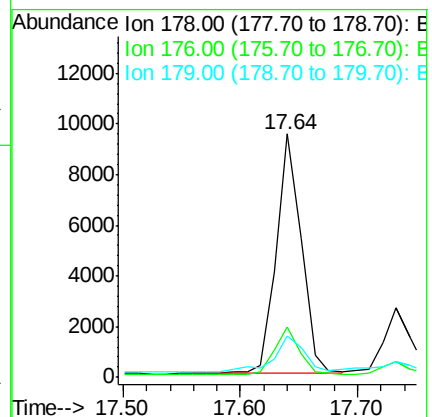
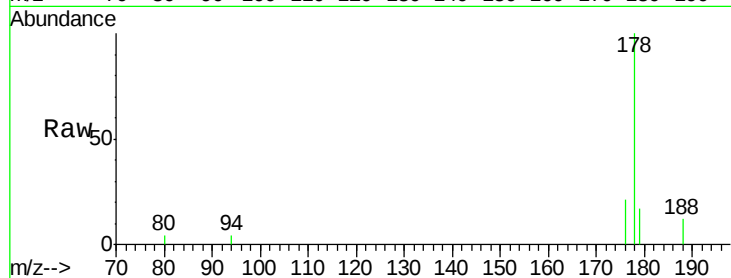
Tgt Ion:178 Resp: 14023

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 17.8 12.1 18.1



#30

Fluoranthene

Concen: 0.48 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

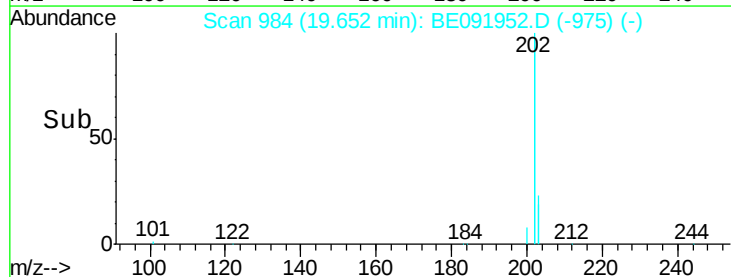
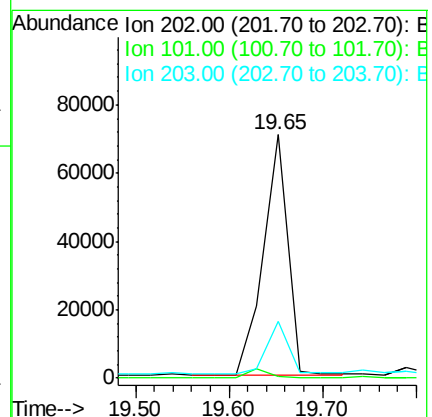
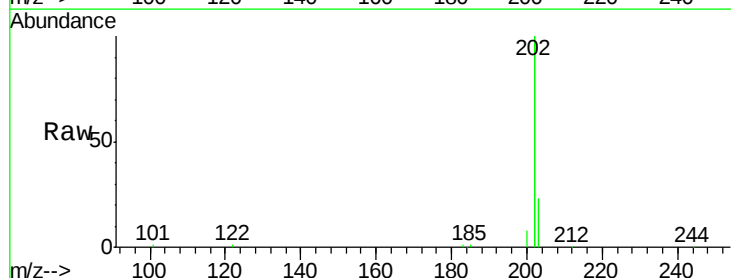
Tgt Ion:202 Resp: 126945

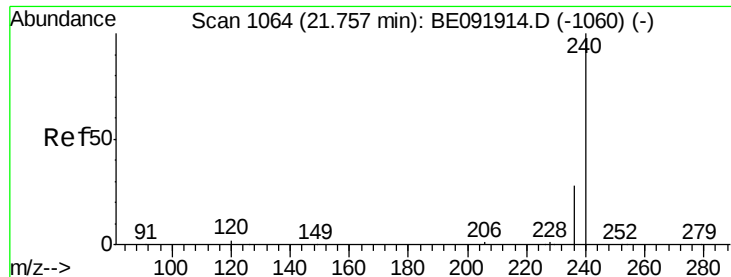
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 18.7 14.3 21.5

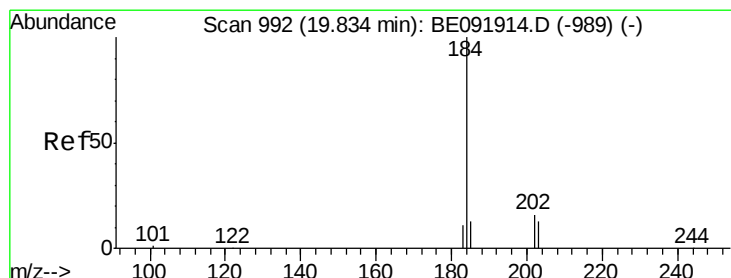
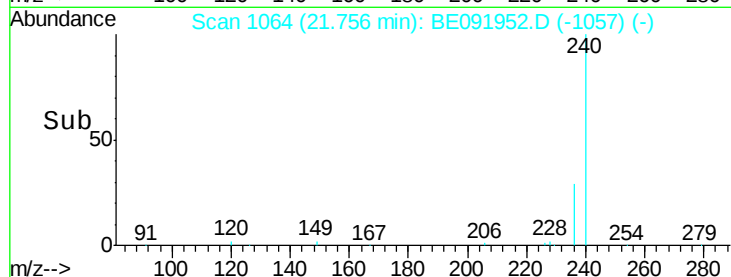
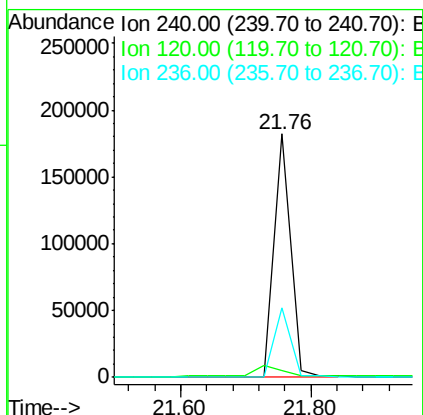
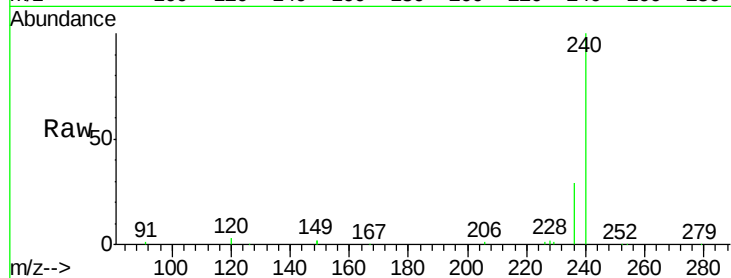




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

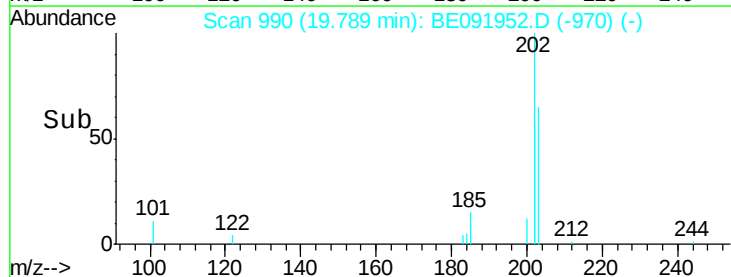
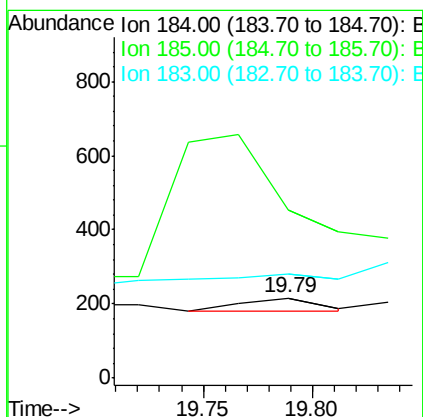
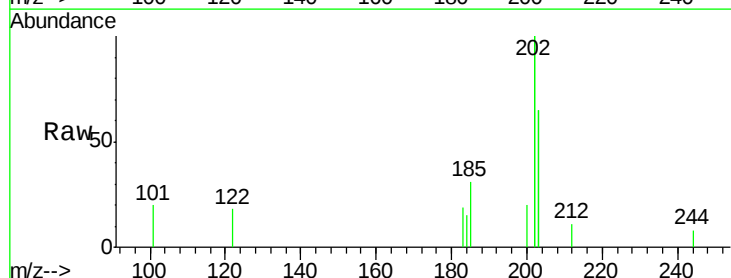
Instrument :
BNA_E
ClientSampleId :
NCHC-011

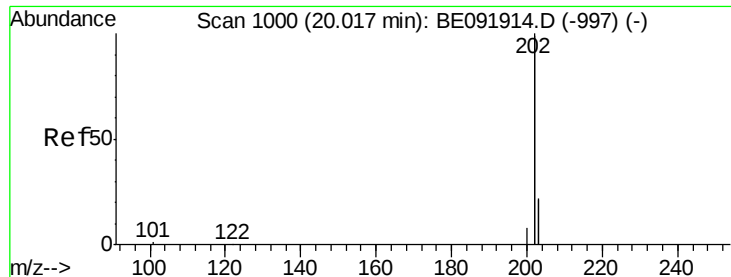
Tgt Ion: 240 Resp: 323132
Ion Ratio Lower Upper
240 100
120 2.6 1.2 1.8#
236 28.8 19.8 29.8



#32
Benzidine
Concen: 0.10 ng
RT: 19.79 min Scan# 990
Delta R.T. -0.04 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion: 184 Resp: 85
Ion Ratio Lower Upper
184 100
185 209.3 11.4 17.2#
183 130.6 11.8 17.6#

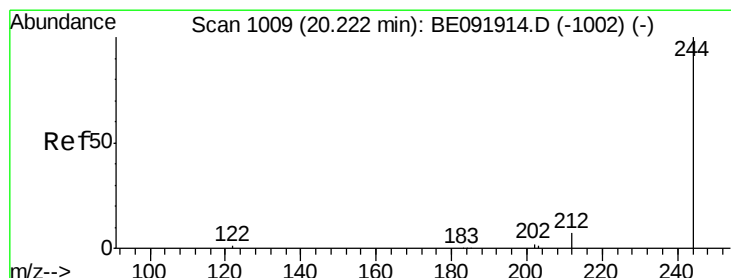
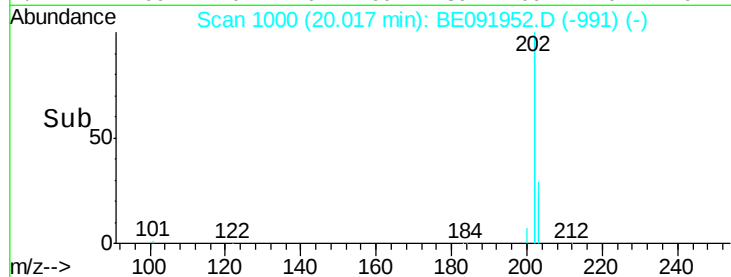
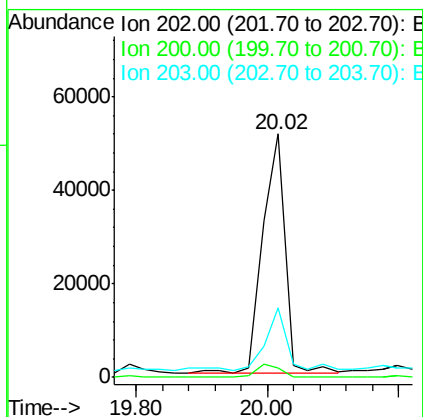
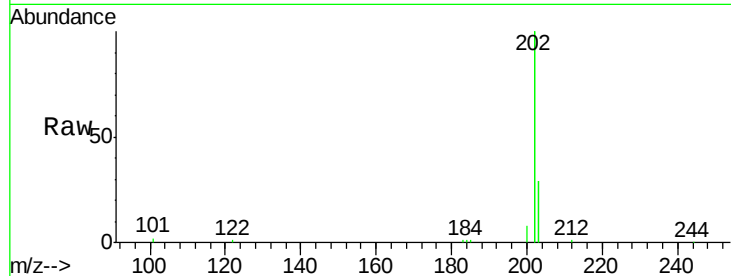




#33
 Pyrene
 Concen: 0.55 ng
 RT: 20.02 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BE091952.D
 Acq: 24 Jun 2016 18:35

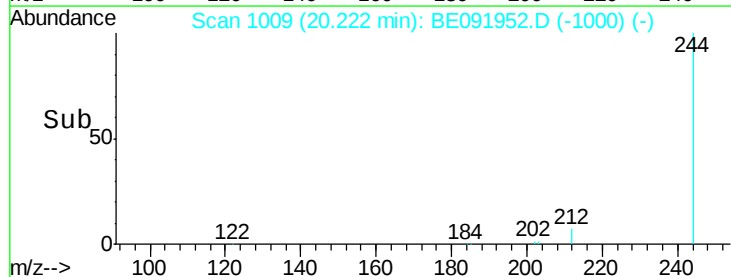
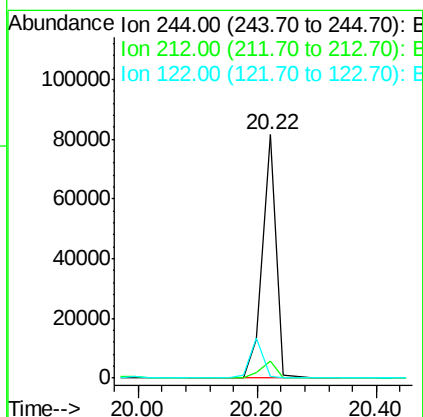
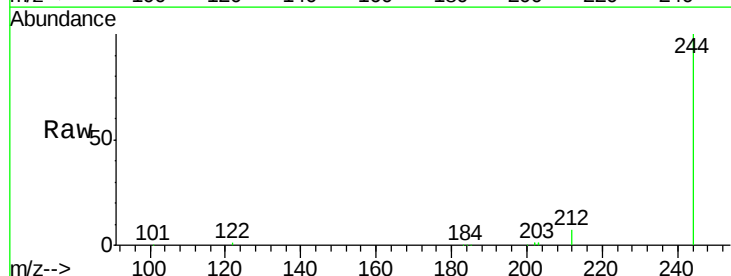
Instrument :
 BNA_E
 ClientSampleId :
 NCHC-011

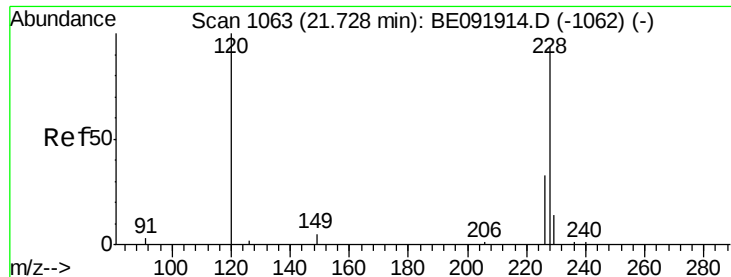
Tgt Ion: 202 Resp: 121856
 Ion Ratio Lower Upper
 202 100
 200 0.0 16.9 25.3#
 203 25.4 14.1 21.1#



#34
 Terphenyl-d14
 Concen: 3.31 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE091952.D
 Acq: 24 Jun 2016 18:35

Tgt Ion: 244 Resp: 130960
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 0.7 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.71 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampled :

NCHC-011

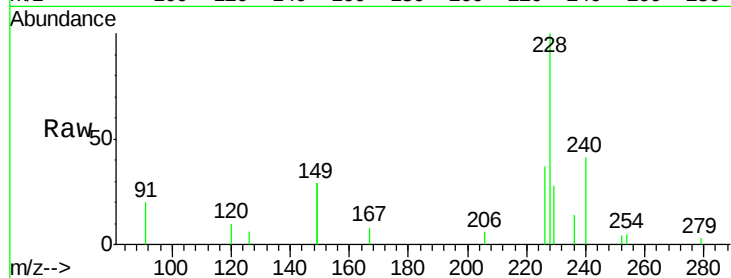
Tgt Ion: 228 Resp: 36063

Ion Ratio Lower Upper

228 100

226 37.4 21.0 31.4#

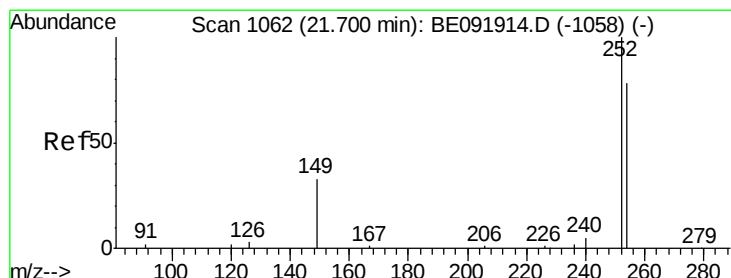
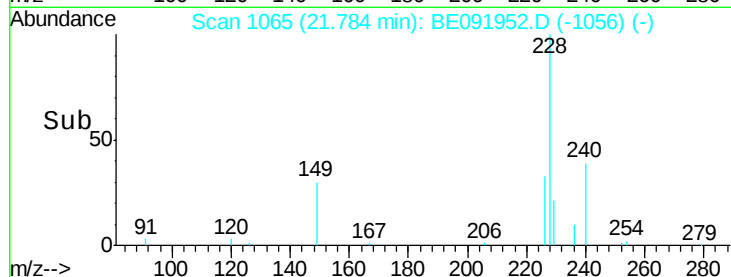
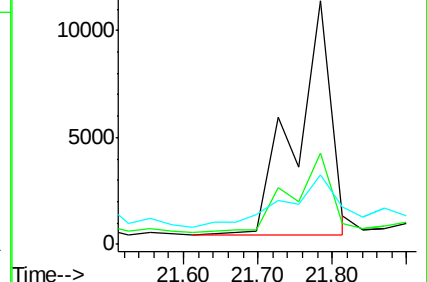
229 28.4 15.8 23.8#



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



#36

3,3'-Dichlorobenzidine

Concen: 0.05 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.03 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

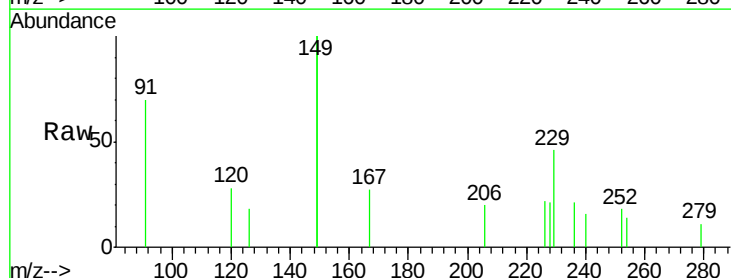
Tgt Ion: 252 Resp: 450

Ion Ratio Lower Upper

252 100

254 75.8 61.5 92.3

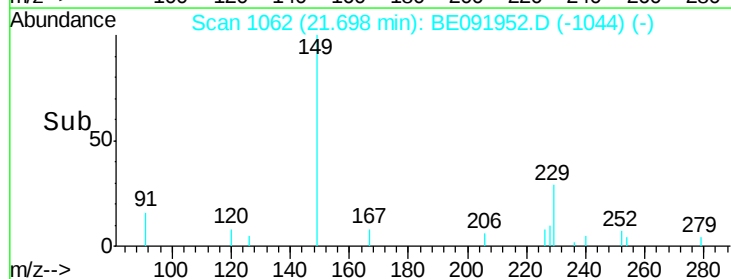
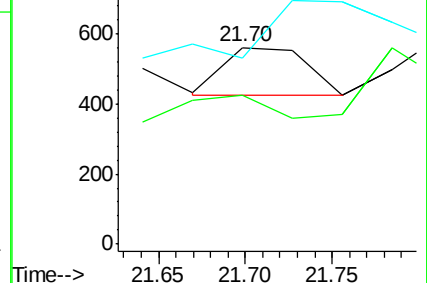
126 95.0 2.5 3.7#

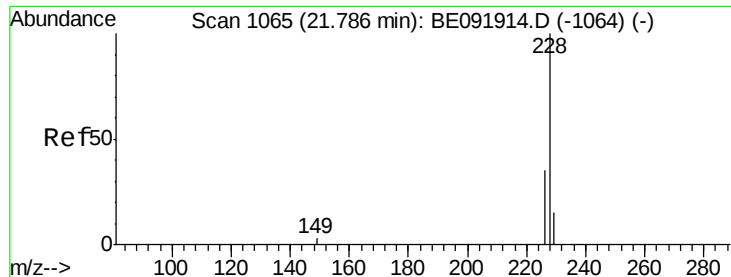


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.48 ng

RT: 21.78 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampled :

NCHC-011

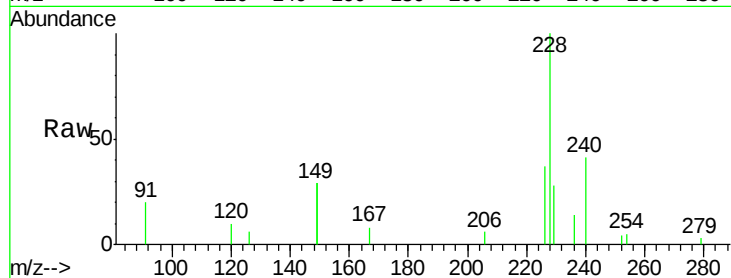
Tgt Ion:228 Resp: 35385

Ion Ratio Lower Upper

228 100

226 37.4 27.0 40.6

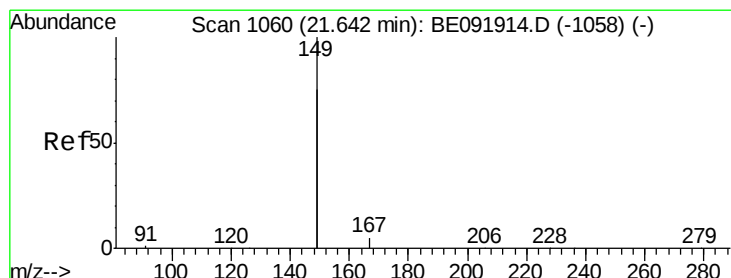
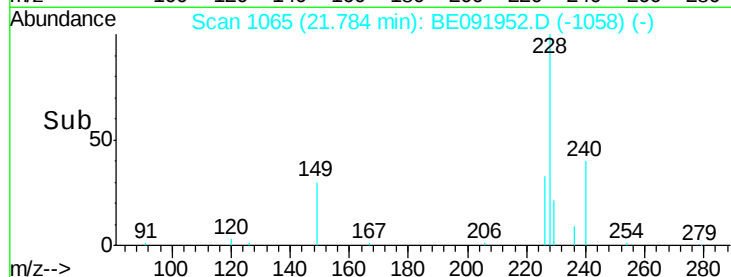
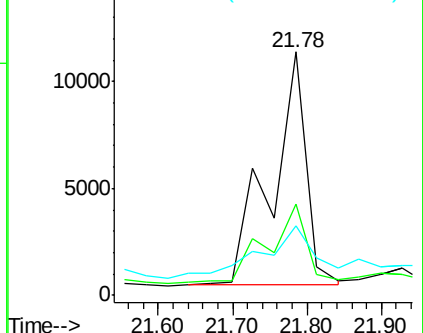
229 28.4 13.8 20.8#



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.94 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

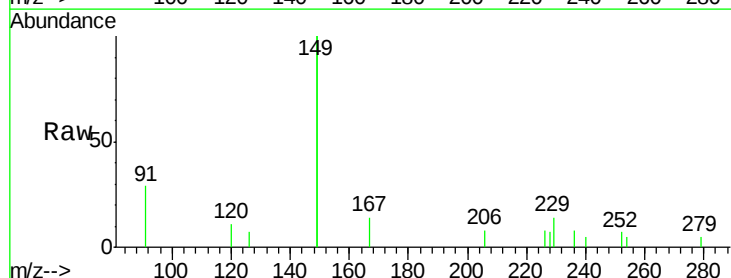
Tgt Ion:149 Resp: 28823

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

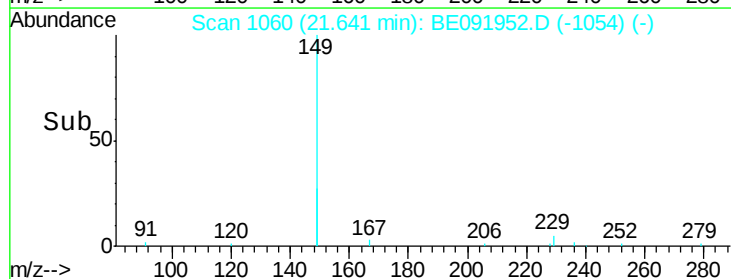
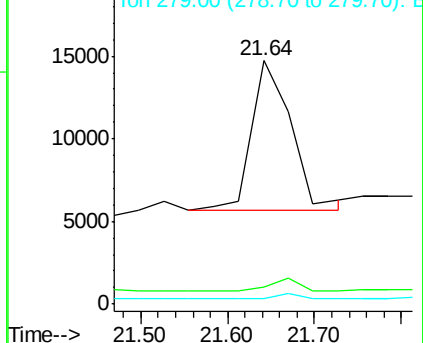
279 0.0 0.0 0.0

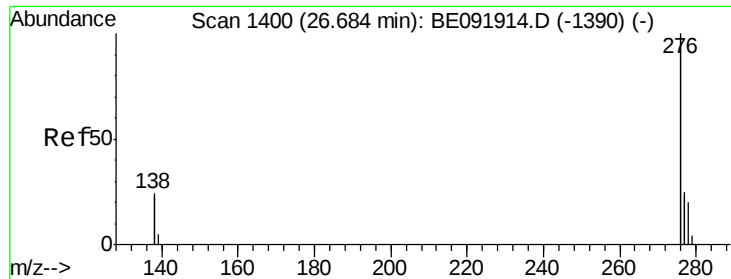


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

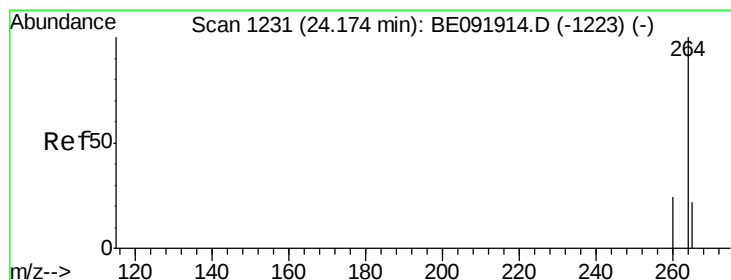
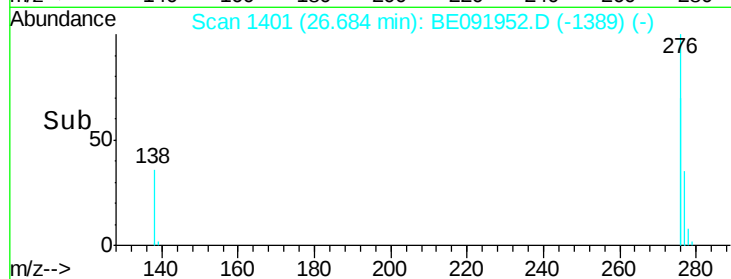
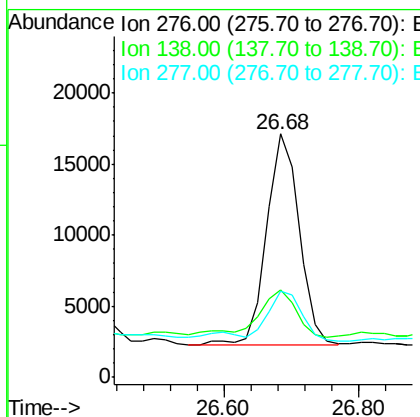
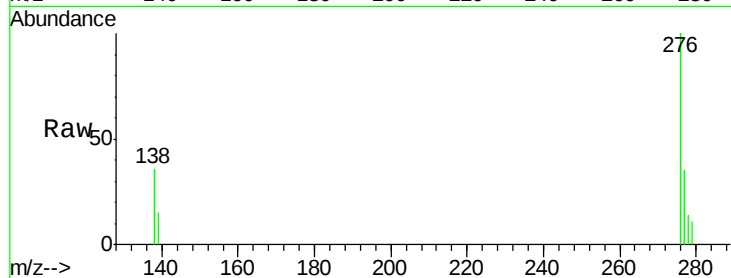




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.20 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091952.D
 Acq: 24 Jun 2016 18:35

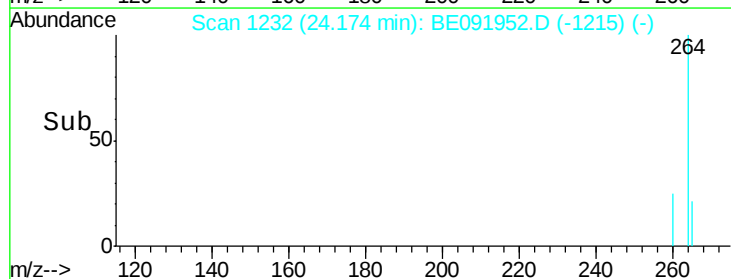
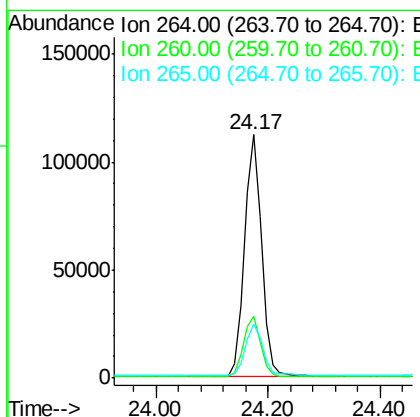
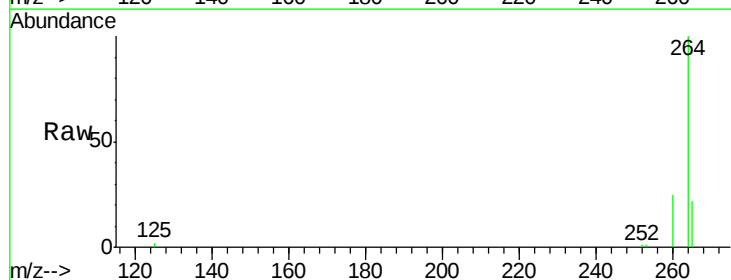
Instrument :
 BNA_E
 ClientSampleId :
 NCHC-011

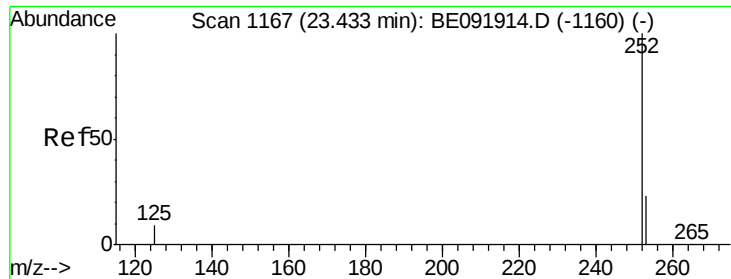
Tgt Ion: 276 Resp: 49821
 Ion Ratio Lower Upper
 276 100
 138 26.9 19.7 29.5
 277 24.1 20.1 30.1



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.17 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE091952.D
 Acq: 24 Jun 2016 18:35

Tgt Ion: 264 Resp: 242042
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.3 30.5
 265 22.2 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.58 ng

RT: 23.43 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

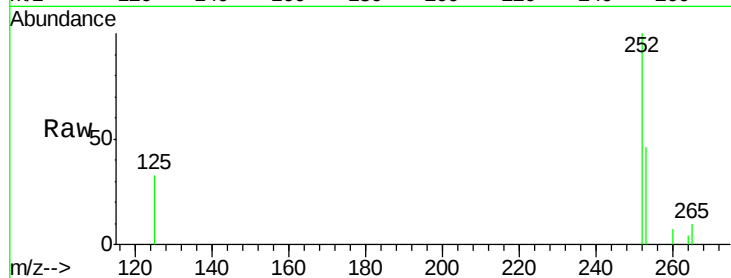
Tgt Ion:252 Resp: 35762

Ion Ratio Lower Upper

252 100

253 46.1 17.8 26.6#

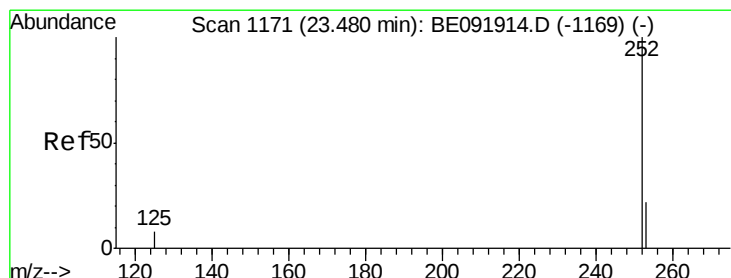
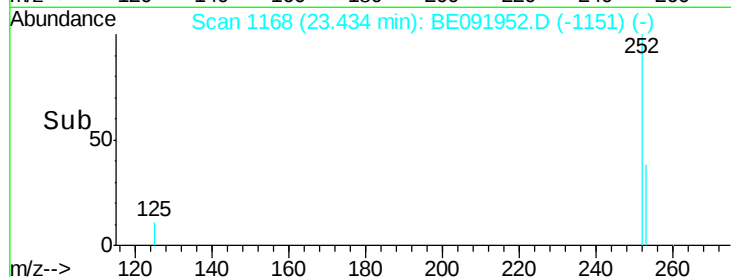
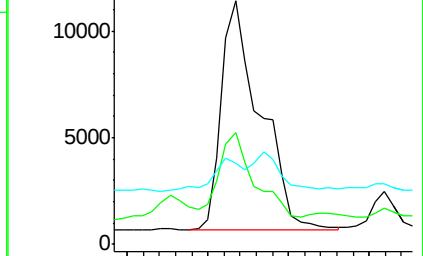
125 33.2 9.4 14.2#



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



#42

Benzo(k)fluoranthene

Concen: 0.63 ng

RT: 23.43 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

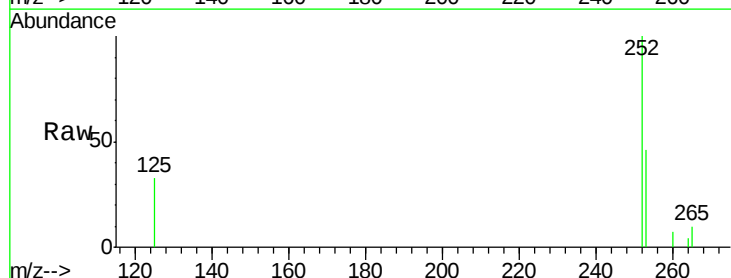
Tgt Ion:252 Resp: 35762

Ion Ratio Lower Upper

252 100

253 46.1 19.4 29.2#

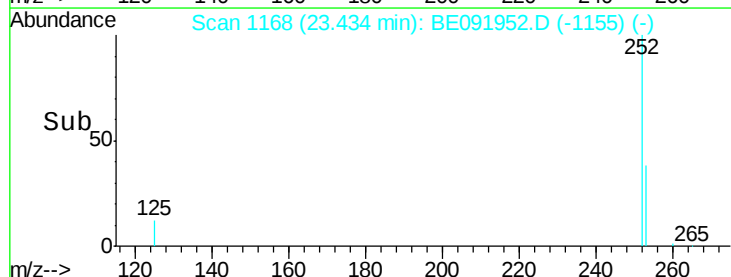
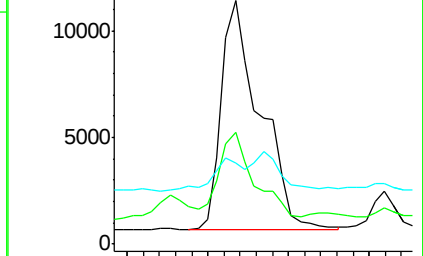
125 33.2 8.3 12.5#

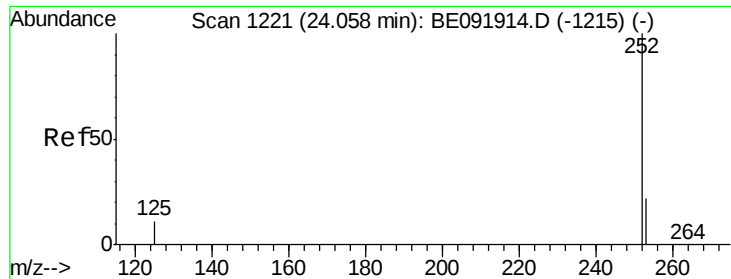


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.31 ng

RT: 24.06 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011

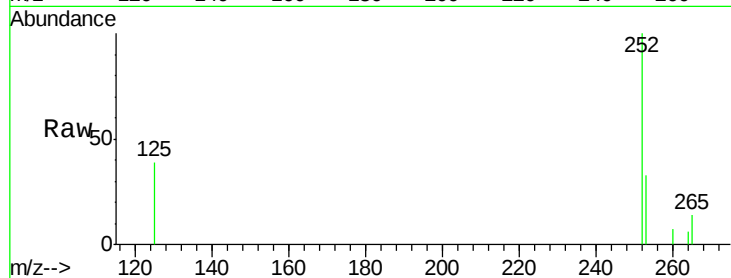
Tgt Ion: 252 Resp: 16955

Ion Ratio Lower Upper

252 100

253 33.3 18.9 28.3#

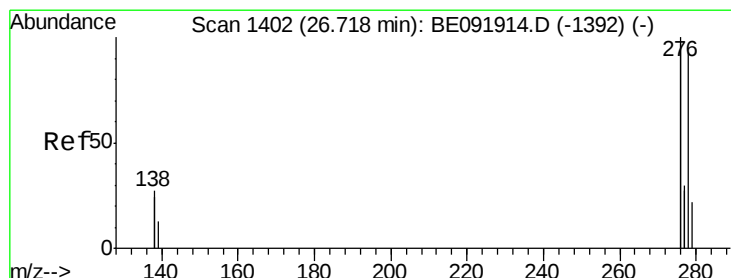
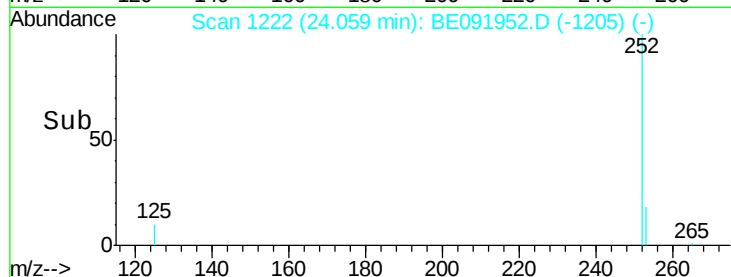
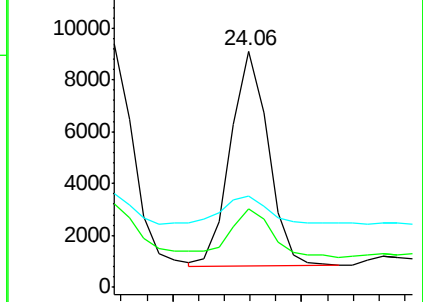
125 38.8 10.5 15.7#



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



#44

Dibenzo(a,h)anthracene

Concen: 0.06 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BE091952.D

Acq: 24 Jun 2016 18:35

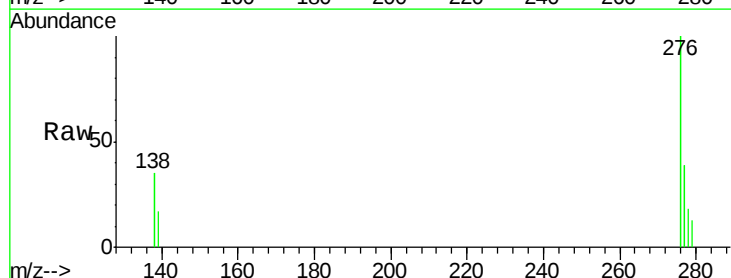
Tgt Ion: 278 Resp: 3358

Ion Ratio Lower Upper

278 100

139 97.0 12.6 18.8#

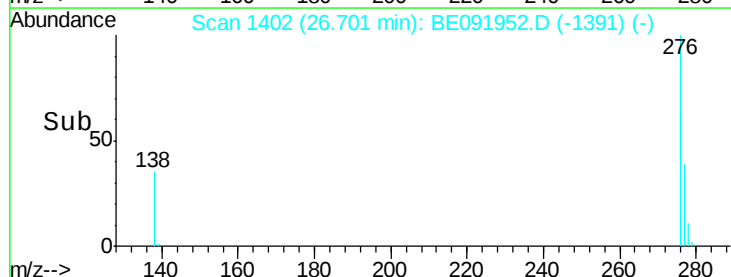
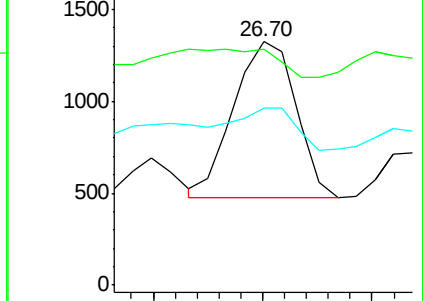
279 72.9 20.0 30.0#

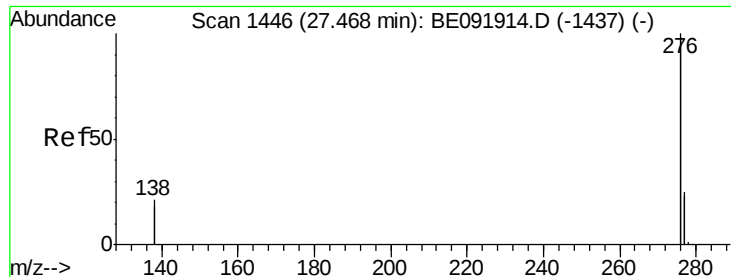


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.28 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091952.D

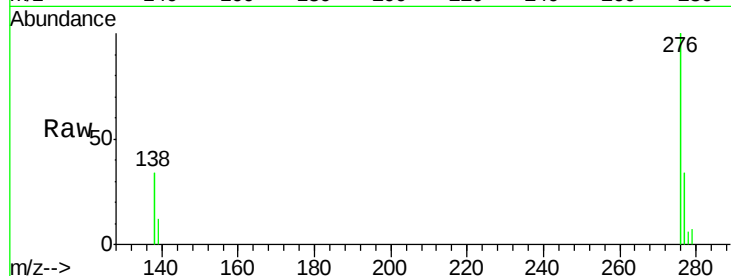
Acq: 24 Jun 2016 18:35

Instrument :

BNA_E

ClientSampleId :

NCHC-011



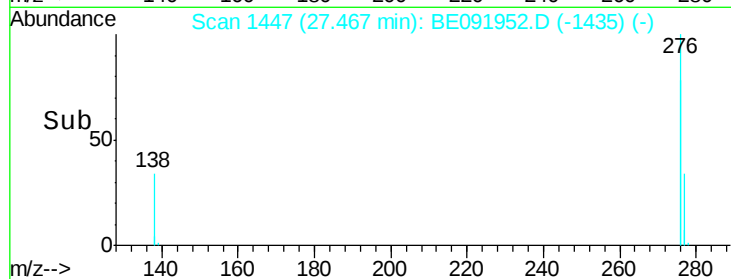
Tgt Ion: 276 Resp: 61433

Ion Ratio Lower Upper

276 100

277 34.0 19.5 29.3#

138 33.6 17.7 26.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

