

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091819.D
 Acq On : 19 May 2016 20:45
 Operator : UM/SJ
 Sample : H3084-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-160512

Quant Time: May 20 04:49:45 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	24032	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	129921	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	87015	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	248564	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	270189	5.00	ng	-0.02
35) Perylene-d12	23.73	264	236220	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	18456	2.94	ng	0.00
5) Phenol-d6	6.95	99	21735	2.46	ng	0.00
8) Nitrobenzene-d5	8.93	82	33296	3.87	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	31325	9.27	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	95520	3.88	ng	-0.01
29) Terphenyl-d14	19.74	244	180097	4.71	ng	-0.02

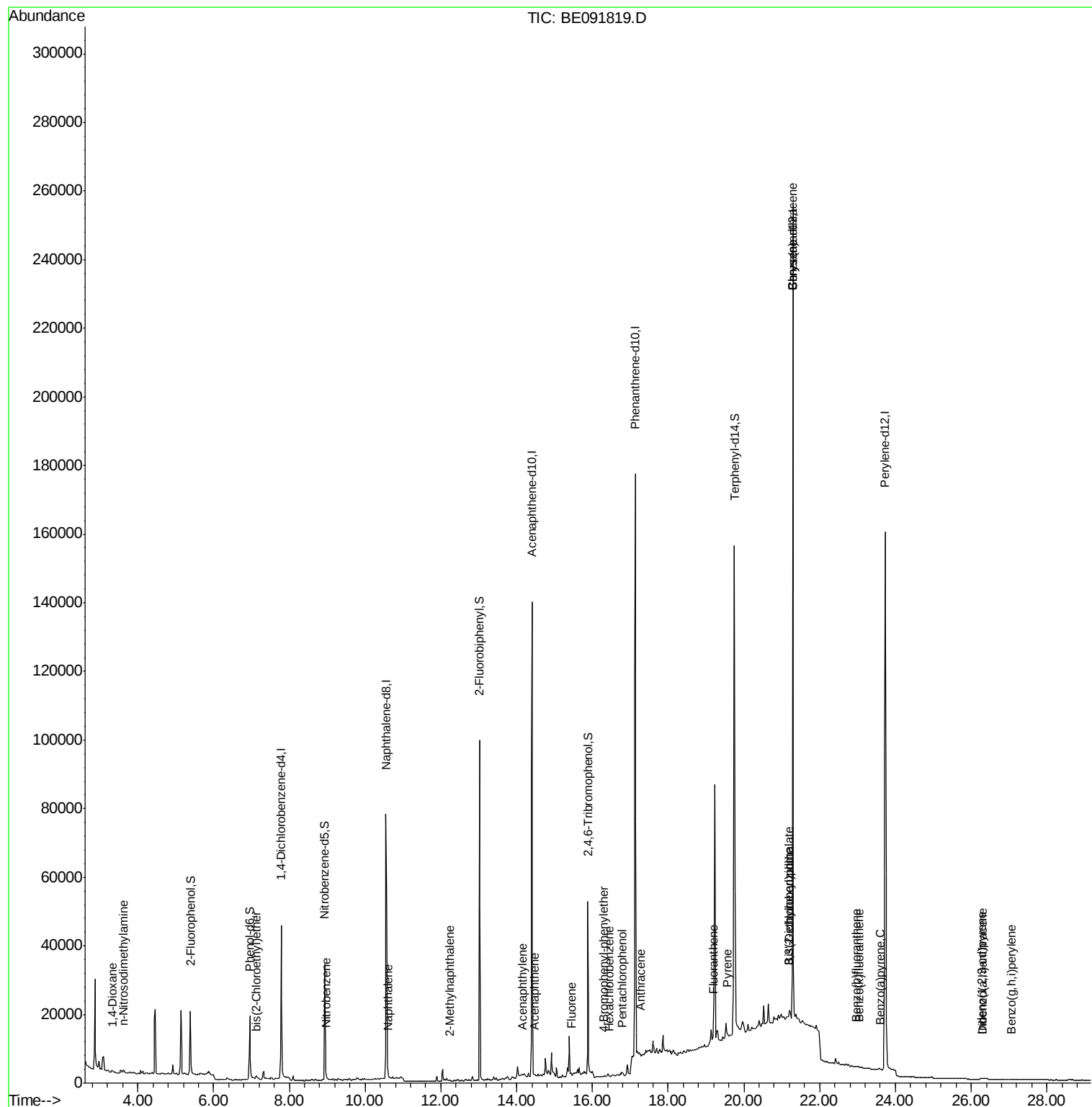
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	349	0.10	ng	# 44
3) n-Nitrosodimethylamine	3.61	42	223	0.06	ng	# 2
6) bis(2-Chloroethyl)ether	7.13	93	1584	0.22	ng	# 35
9) Nitrobenzene	8.97	77	388	0.04	ng	# 49
10) Naphthalene	10.61	128	481	0.02	ng	# 32
12) 2-Methylnaphthalene	12.23	142	210	0.01	ng	# 28
16) Acenaphthylene	14.15	152	6478	0.17	ng	# 72
17) Acenaphthene	14.47	154	479	0.02	ng	# 20
18) Fluorene	15.44	166	531	0.02	ng	# 54
20) 4-Bromophenyl-phenylether	16.29	248	55	0.01	ng	# 27
21) Hexachlorobenzene	16.45	284	16	0.00	ng	# 38
22) Pentachlorophenol	16.79	266	144	0.04	ng	# 79
23) Phenanthrene	17.17	178	2355	Below Cal		# 60
24) Anthracene	17.26	178	504	0.01	ng	# 29
25) Fluoranthene	19.19	202	882	0.01	ng	# 63
27) Benzdine	19.24	184	375	Below Cal		# 1
28) Pyrene	19.55	202	3060	0.05	ng	# 38
30) Benzo(a)anthracene	21.29	228	1772	0.03	ng	# 1
31) 3,3'-Dichlorobenzidine	21.20	252	676	0.02	ng	# 1
32) Chrysene	21.29	228	2236	0.08	ng	# 1
33) Bis(2-ethylhexyl)phthalate	21.20	149	6973	0.43	ng	# 78
34) Indeno(1,2,3-cd)pyrene	26.27	276	287	0.00	ng	# 63
36) Benzo(b)fluoranthene	22.97	252	421	0.01	ng	# 1
37) Benzo(k)fluoranthene	23.03	252	260	0.00	ng	# 1
38) Benzo(a)pyrene	23.61	252	272	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	26.29	278	192	0.00	ng	# 1
40) Benzo(g,h,i)perylene	27.06	276	341	0.01	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091819.D
Acq On : 19 May 2016 20:45
Operator : UM/SJ
Sample : H3084-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF016MW001-160512

Quant Time: May 20 04:49:45 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

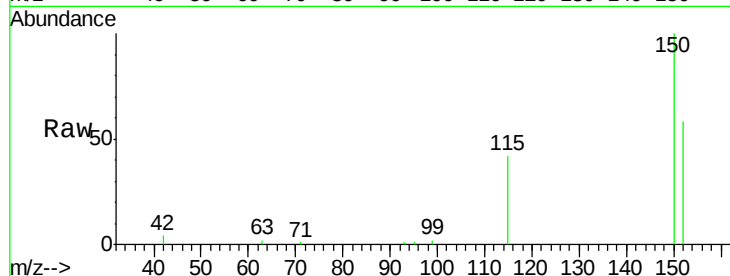
Tgt Ion:152 Resp: 24032

Ion Ratio Lower Upper

152 100

150 172.1 122.6 183.8

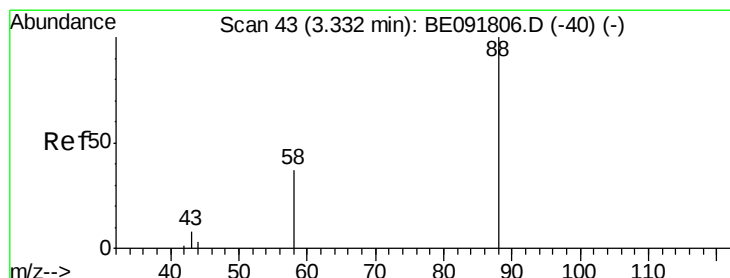
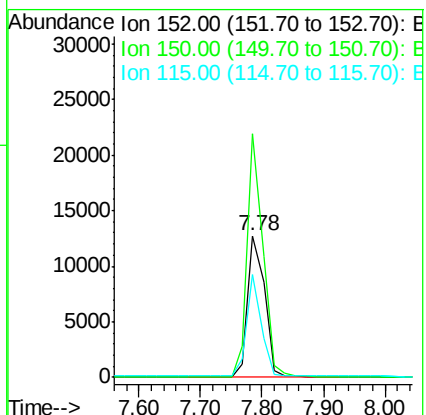
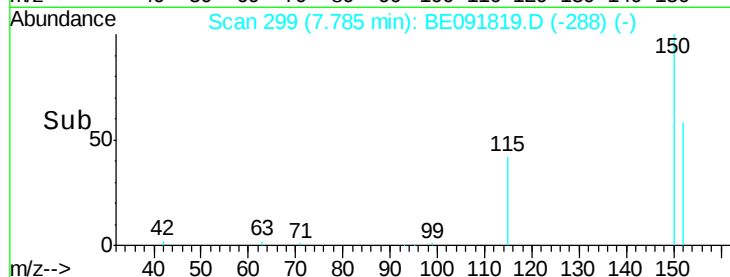
115 72.6 52.8 79.2



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: 0.10 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

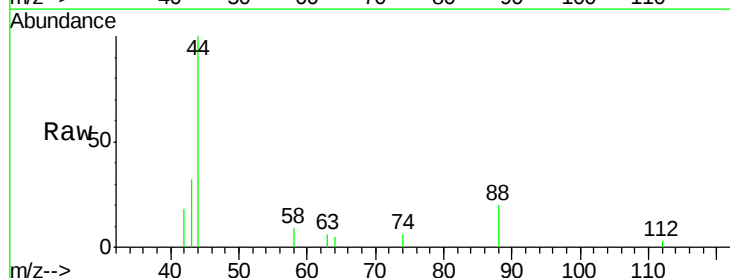
Tgt Ion: 88 Resp: 349

Ion Ratio Lower Upper

88 100

58 81.4 65.8 98.6

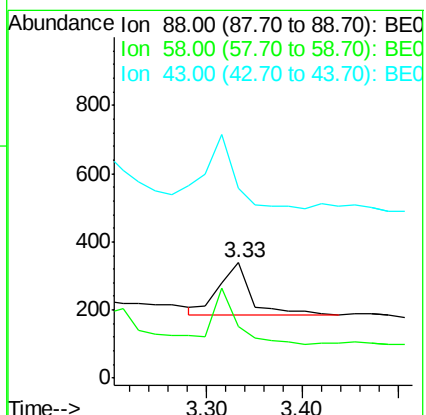
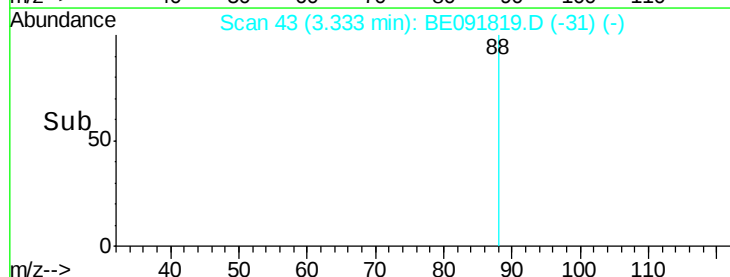
43 142.4 25.3 37.9#

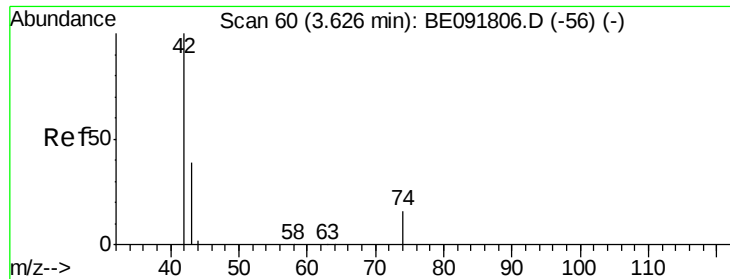


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.61 min Scan# 59

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

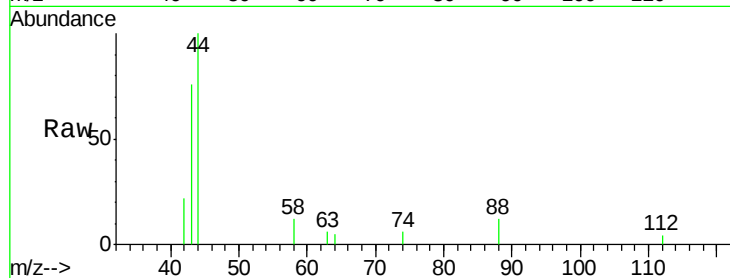
Tgt Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

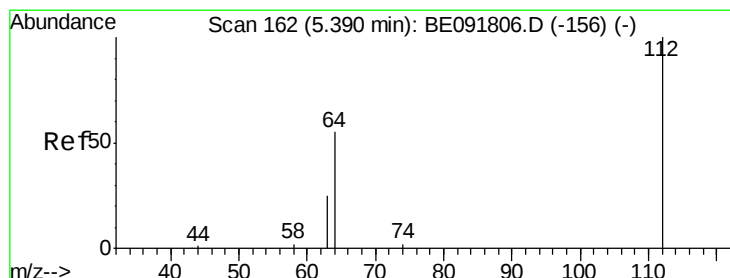
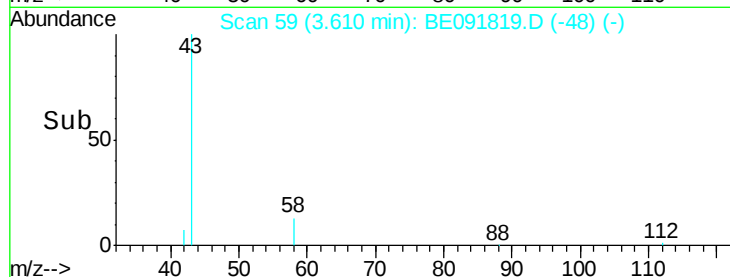
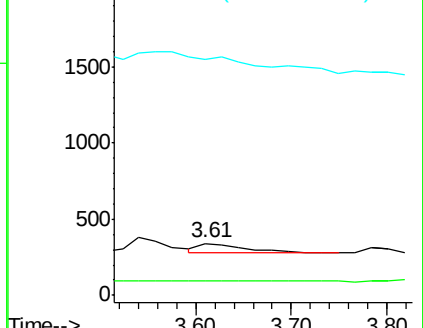
44 0.0 6.6 9.8#



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: 2.94 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

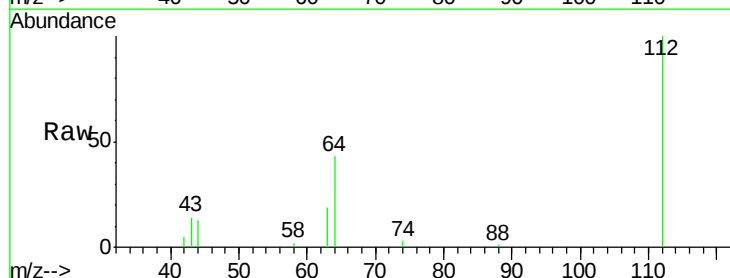
Tgt Ion: 112 Resp: 18456

Ion Ratio Lower Upper

112 100

64 67.3 30.9 46.3#

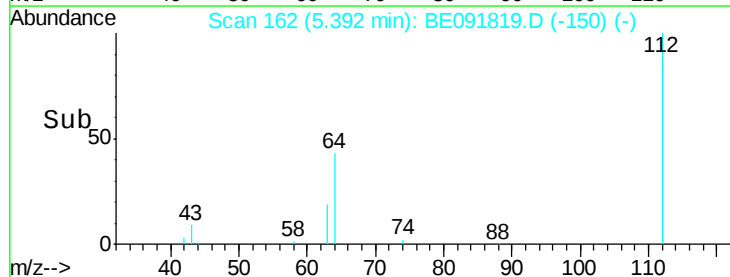
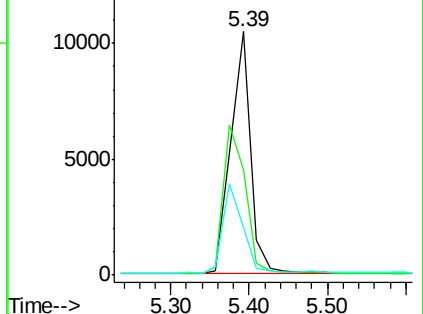
63 36.7 16.7 25.1#

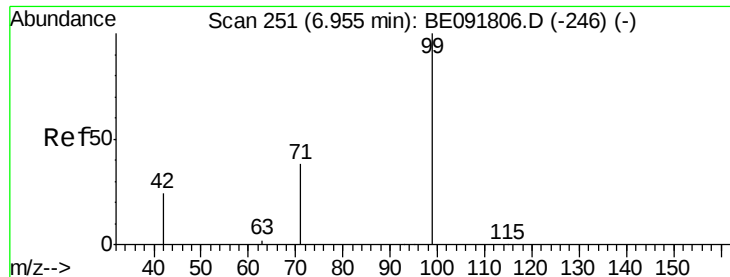


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.46 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

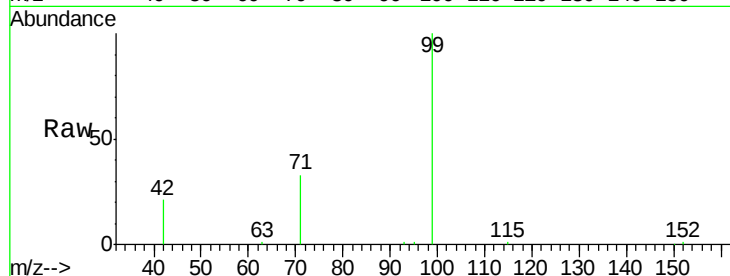
Tgt Ion: 99 Resp: 21735

Ion Ratio Lower Upper

99 100

42 30.7 16.2 24.2#

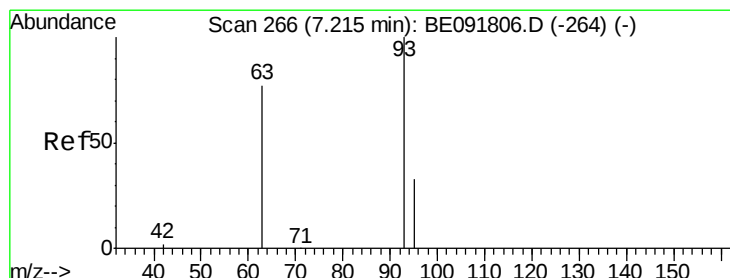
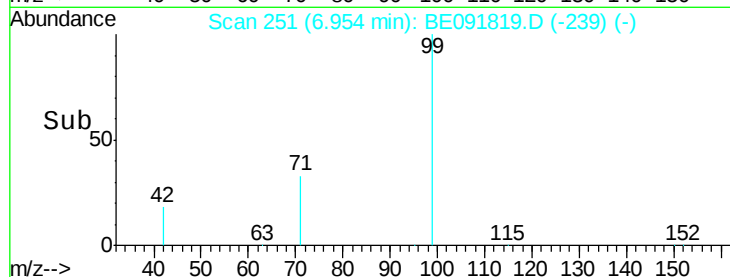
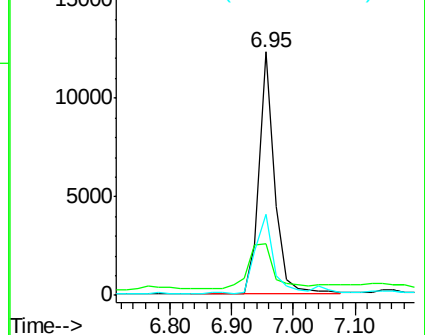
71 37.5 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.22 ng

RT: 7.13 min Scan# 261

Delta R.T. -0.09 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

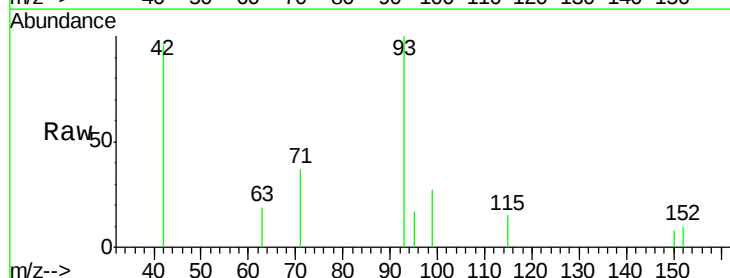
Tgt Ion: 93 Resp: 1584

Ion Ratio Lower Upper

93 100

63 7.3 49.5 74.3#

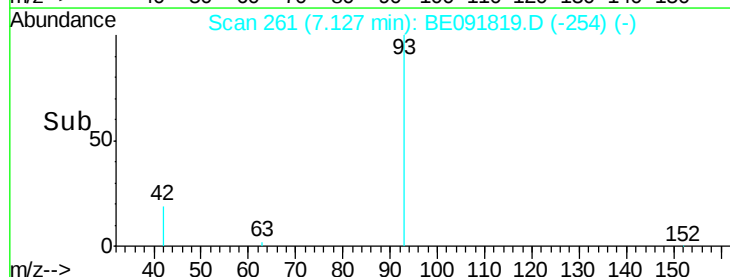
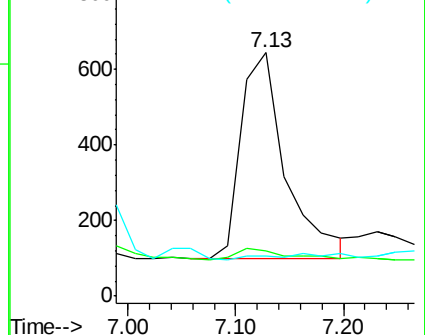
95 0.0 22.2 33.4#

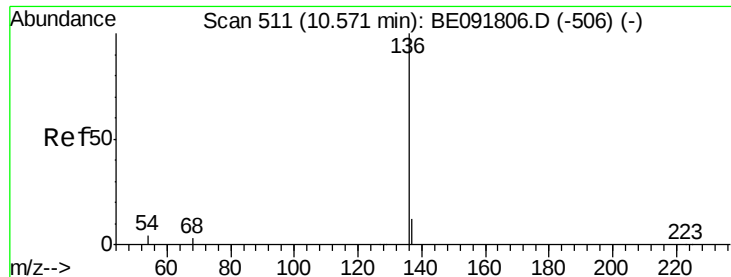


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

Tgt Ion: 136 Resp: 129921

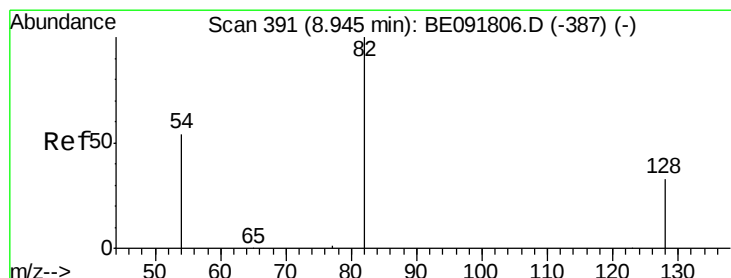
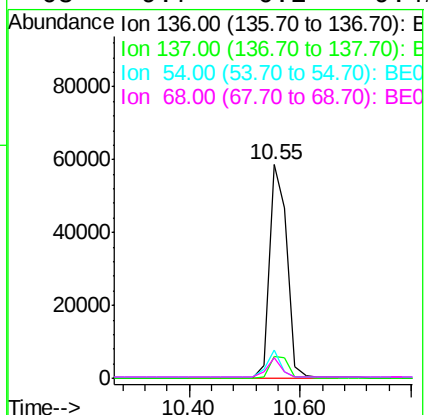
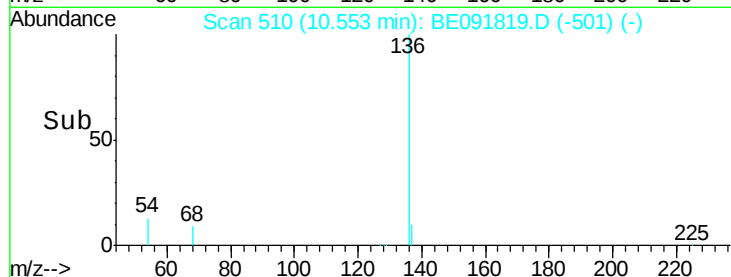
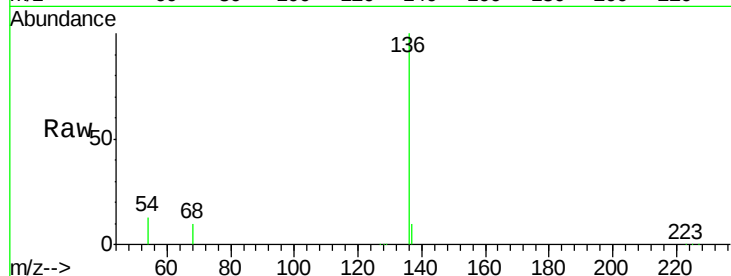
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 13.3 8.2 12.4#

68 9.7 6.2 9.4#



#8

Nitrobenzene-d5

Concen: 3.87 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

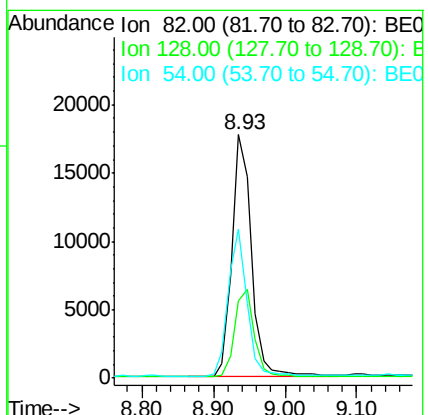
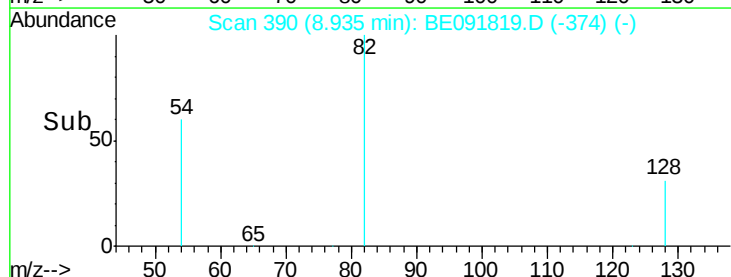
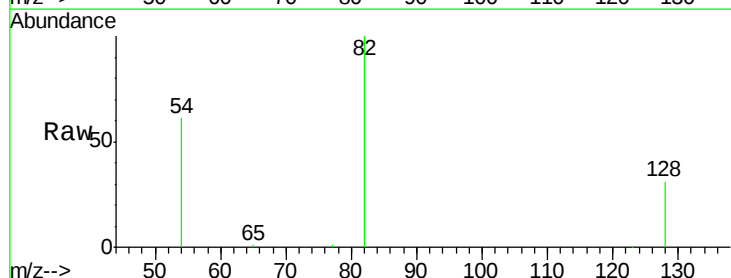
Tgt Ion: 82 Resp: 33296

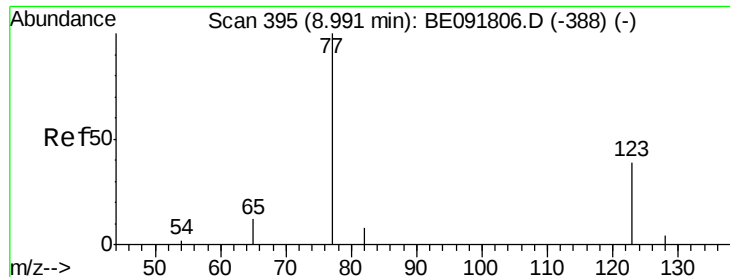
Ion Ratio Lower Upper

82 100

128 31.5 25.4 38.0

54 60.9 48.4 72.6





#9

Nitrobenzene

Concen: 0.04 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

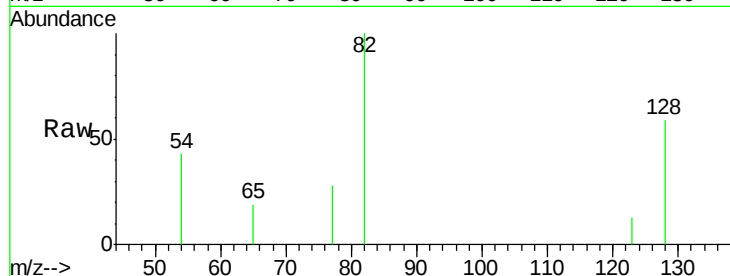
Tgt Ion: 77 Resp: 388

Ion Ratio Lower Upper

77 100

123 43.6 26.9 40.3#

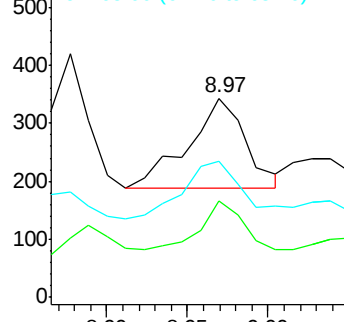
65 67.8 9.4 14.2#



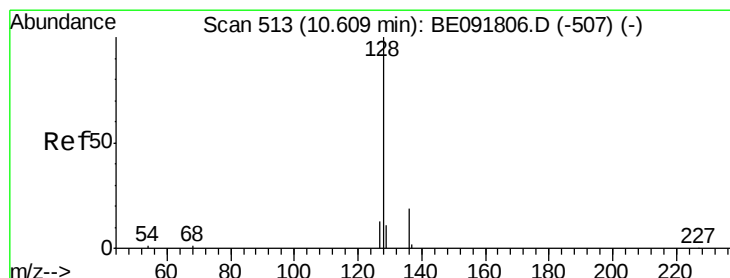
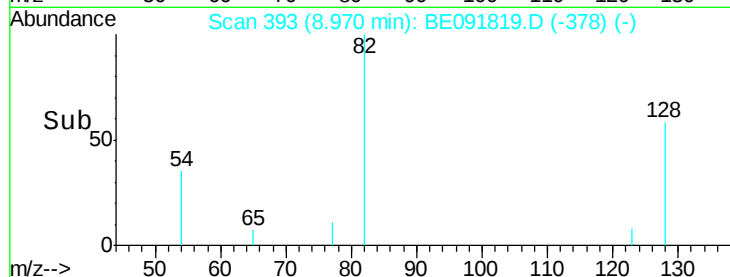
Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



Time-->



#10

Naphthalene

Concen: 0.02 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

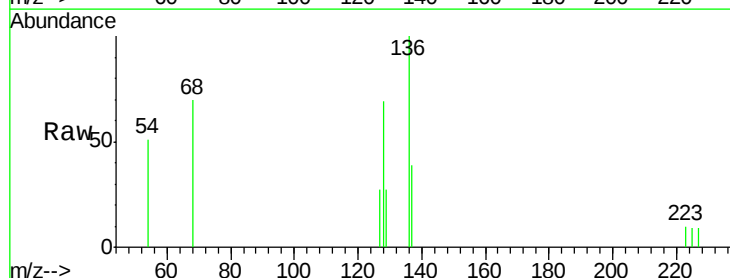
Tgt Ion: 128 Resp: 481

Ion Ratio Lower Upper

128 100

129 38.8 9.3 13.9#

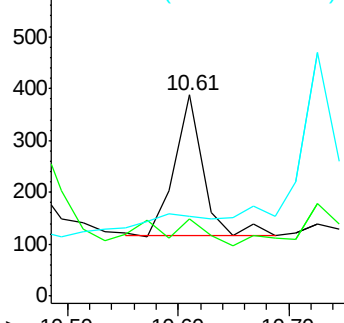
127 39.5 10.7 16.1#



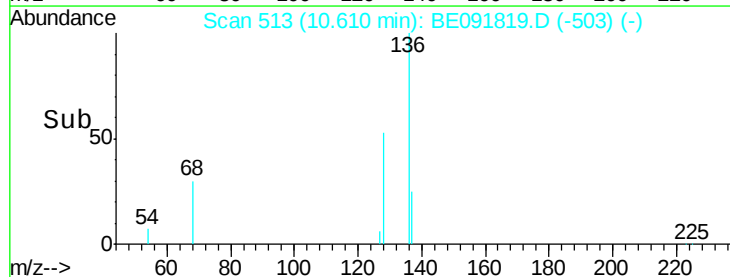
Abundance Ion 128.00 (127.70 to 128.70): E

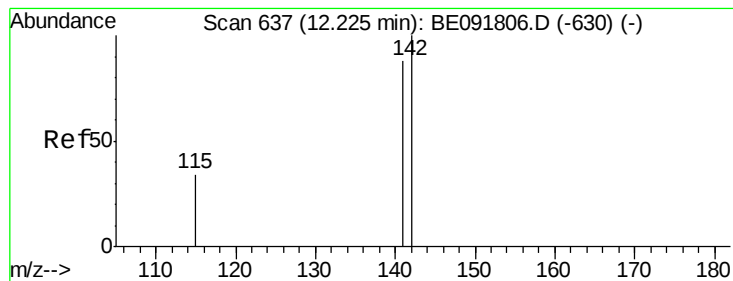
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#12

2-Methylnaphthalene

Concen: 0.01 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

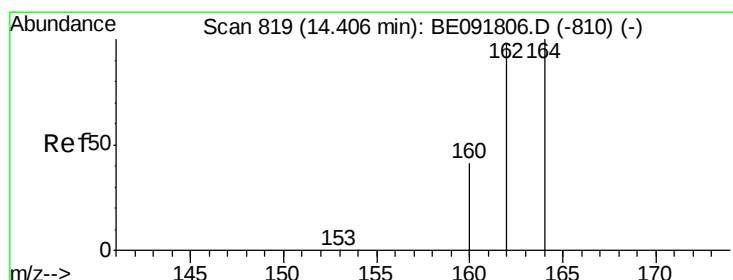
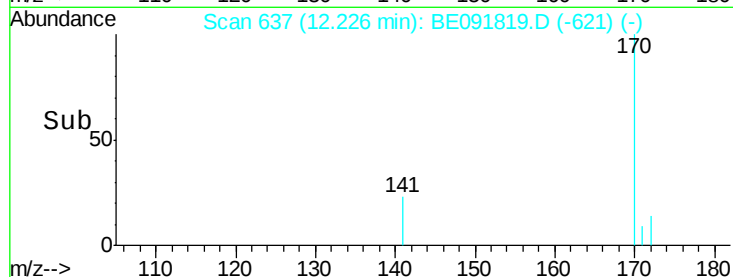
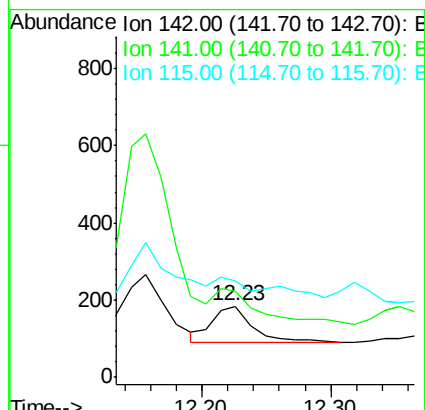
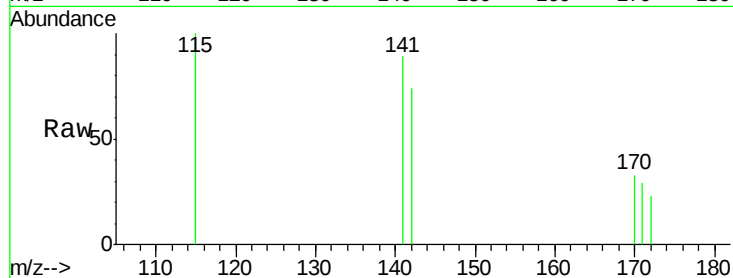
Tgt Ion:142 Resp: 210

Ion Ratio Lower Upper

142 100

141 121.2 71.4 107.0#

115 135.9 30.3 45.5#



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

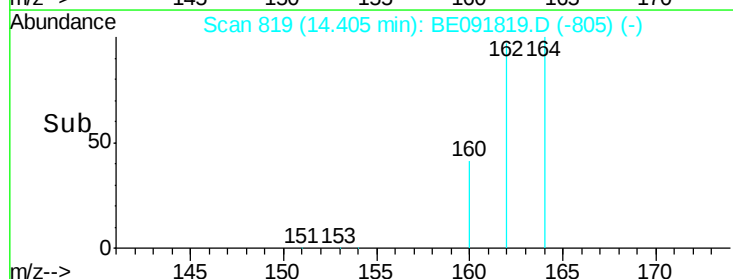
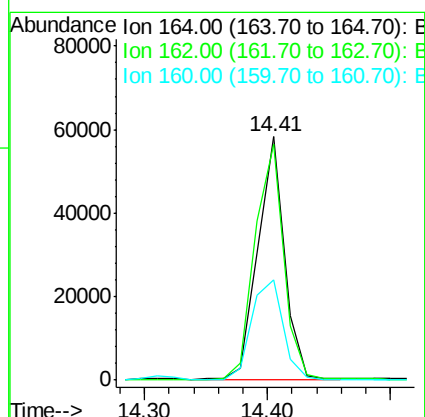
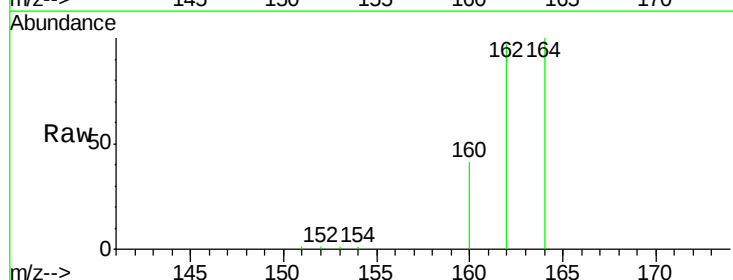
Tgt Ion:164 Resp: 87015

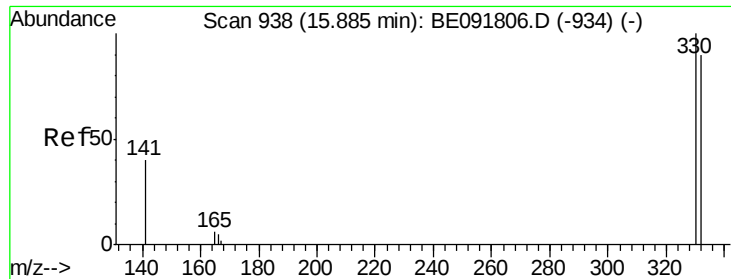
Ion Ratio Lower Upper

164 100

162 96.8 85.3 127.9

160 41.1 46.2 69.2#

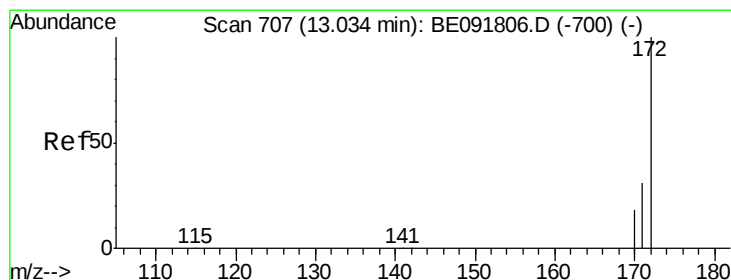
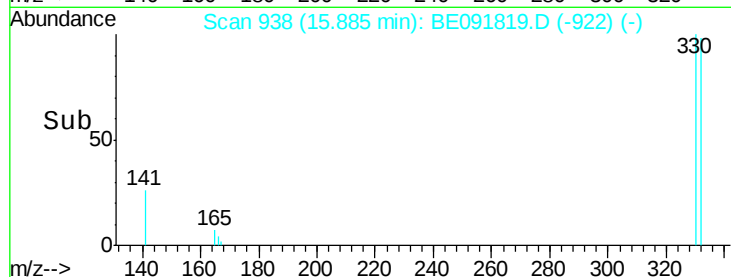
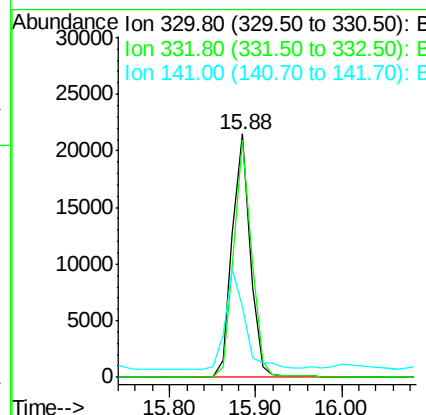
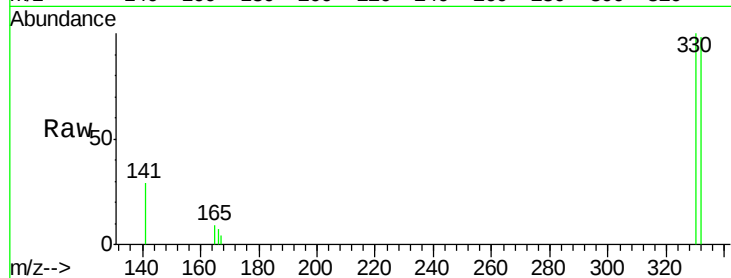




#14
 2,4,6-Tribromophenol
 Concen: 9.27 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091819.D
 Acq: 19 May 2016 20:45

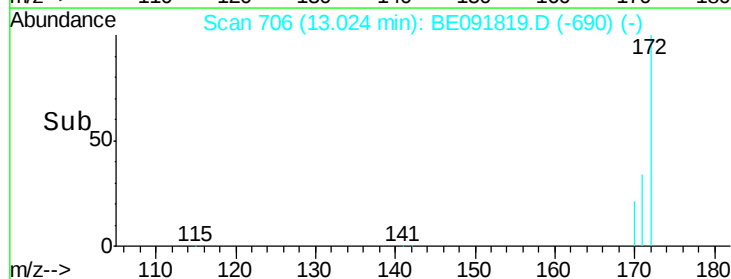
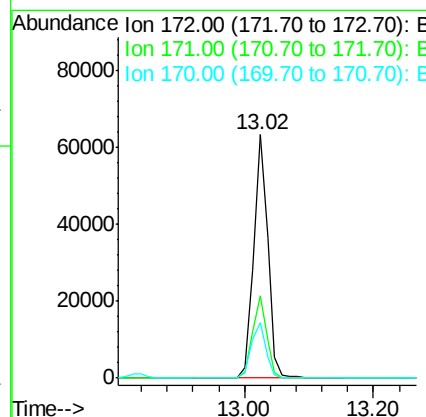
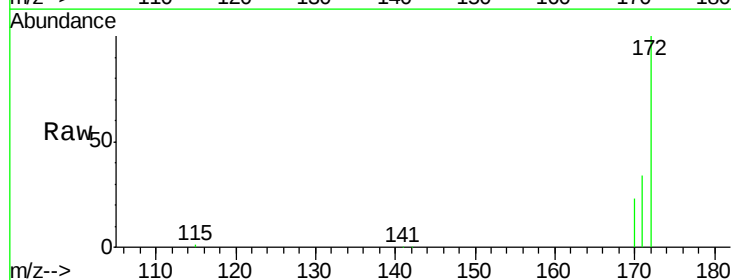
Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-160512

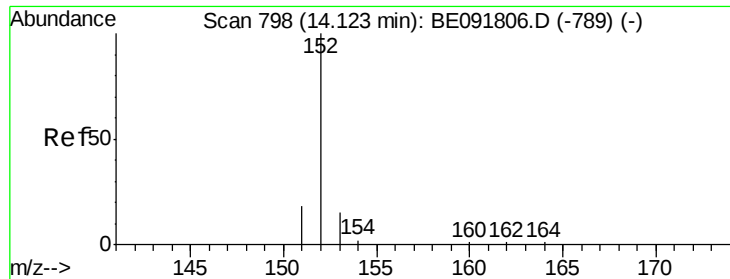
Tgt Ion:330 Resp: 31325
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.1 118.7
 141 45.3 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.88 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091819.D
 Acq: 19 May 2016 20:45

Tgt Ion:172 Resp: 95520
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.8 43.2
 170 22.6 19.3 28.9





#16

Acenaphthylene

Concen: 0.17 ng

RT: 14.15 min Scan# 800

Delta R.T. 0.03 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

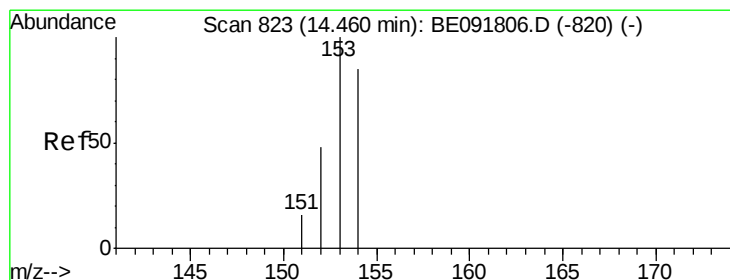
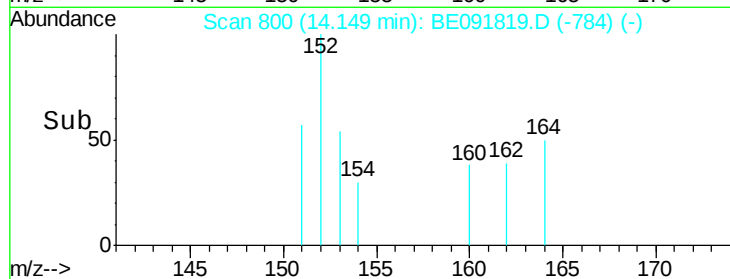
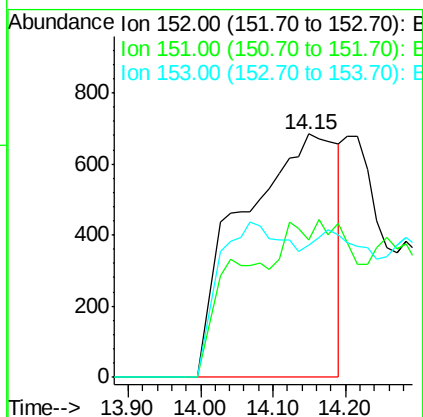
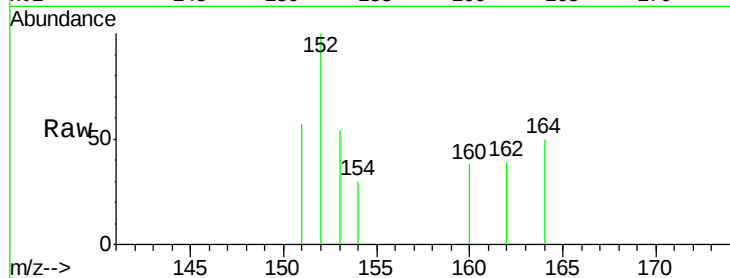
Tgt Ion:152 Resp: 6478

Ion Ratio Lower Upper

152 100

151 0.0 3.9 5.9#

153 0.0 10.3 15.5#



#17

Acenaphthene

Concen: 0.02 ng

RT: 14.47 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

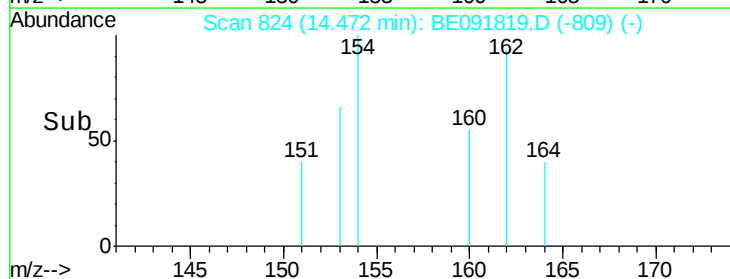
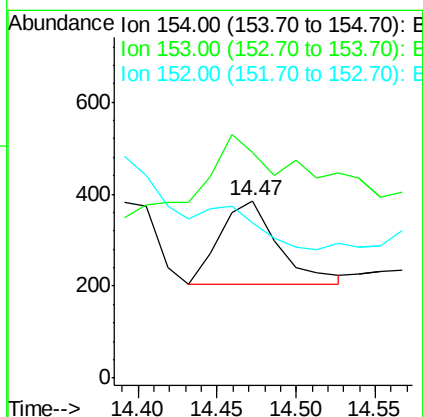
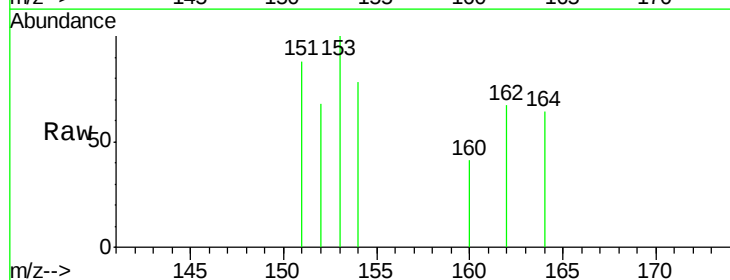
Tgt Ion:154 Resp: 479

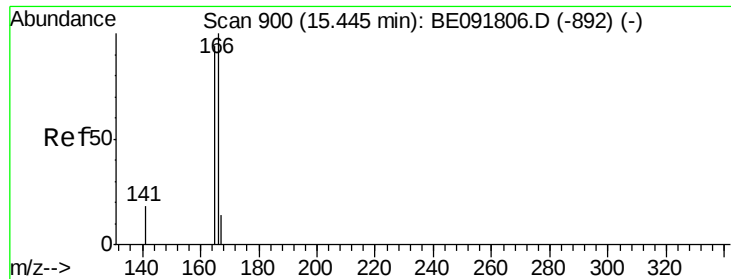
Ion Ratio Lower Upper

154 100

153 184.1 80.0 120.0#

152 0.0 40.0 60.0#

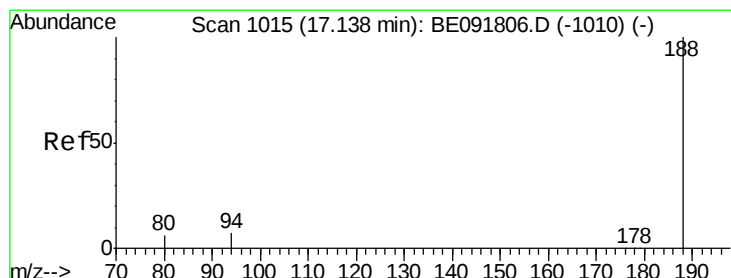
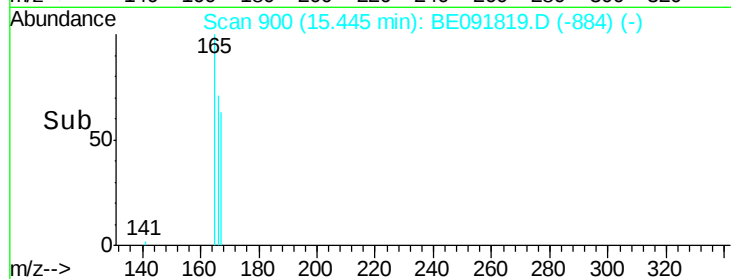
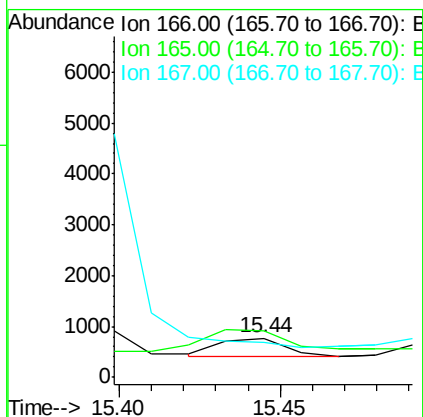
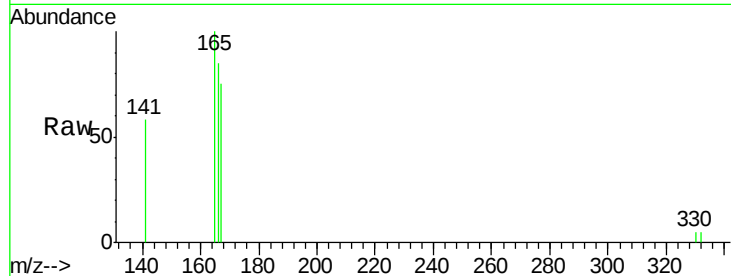




#18
Fluorene
Concen: 0.02 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091819.D
Acq: 19 May 2016 20:45

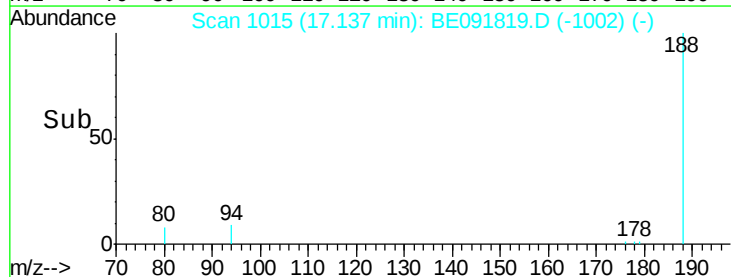
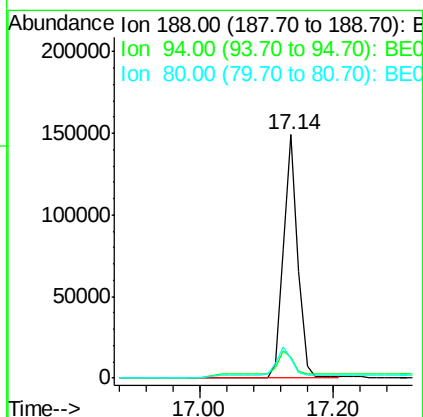
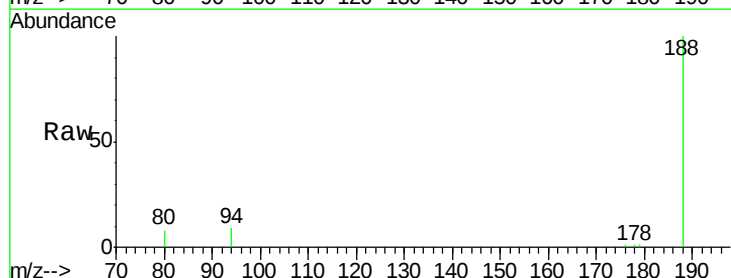
Instrument :
BNA_E
ClientSampleId :
LF016MW001-160512

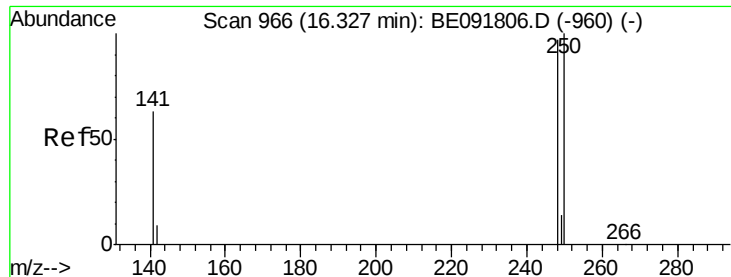
Tgt Ion:166 Resp: 531
Ion Ratio Lower Upper
166 100
165 148.4 80.8 121.2#
167 0.0 10.9 16.3#



#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091819.D
Acq: 19 May 2016 20:45

Tgt Ion:188 Resp: 248564
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 7.8 9.4 14.0#





#20

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.29 min Scan# 964

Delta R.T. -0.03 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

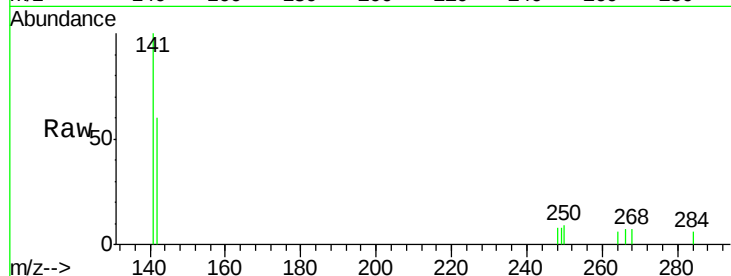
Tgt Ion:248 Resp: 55

Ion Ratio Lower Upper

248 100

250 47.3 80.5 120.7#

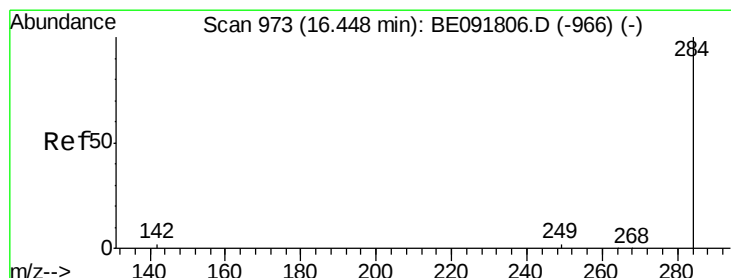
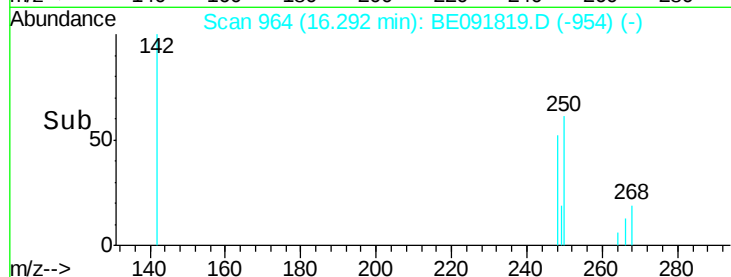
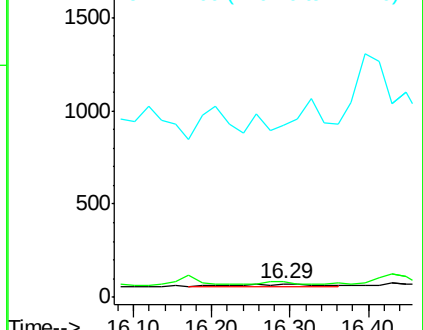
141 0.0 72.0 108.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#21

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.45 min Scan# 973

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

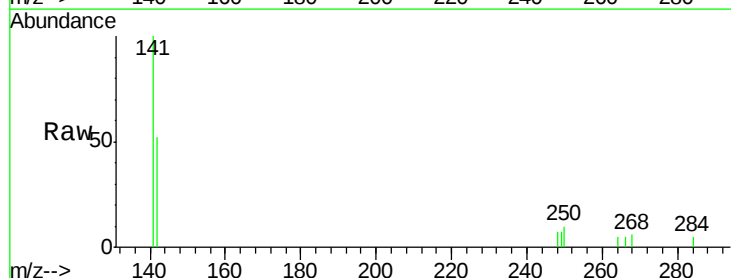
Tgt Ion:284 Resp: 16

Ion Ratio Lower Upper

284 100

142 0.0 32.2 48.2#

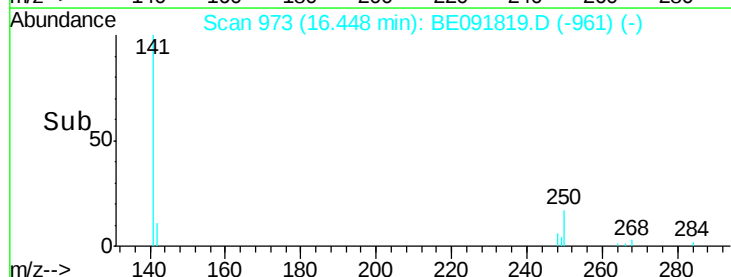
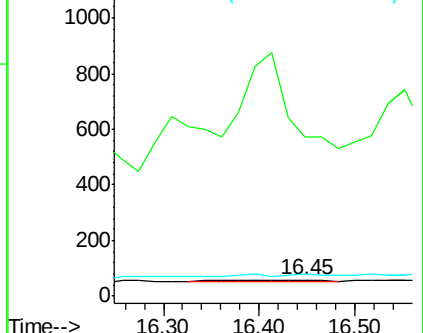
249 0.0 25.4 38.2#

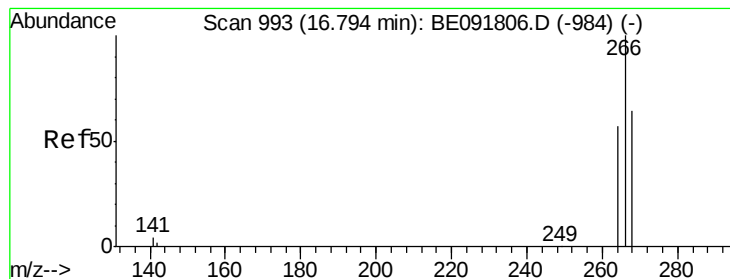


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.04 ng

RT: 16.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

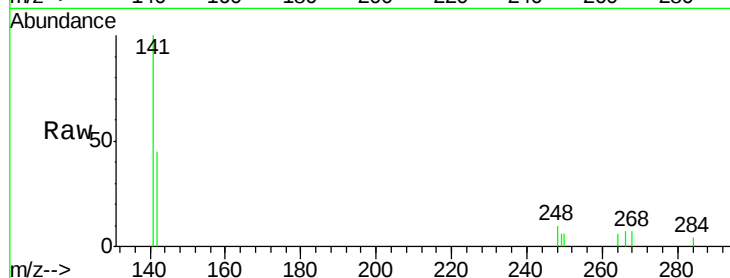
Tgt Ion:266 Resp: 144

Ion Ratio Lower Upper

266 100

268 92.0 58.2 87.2#

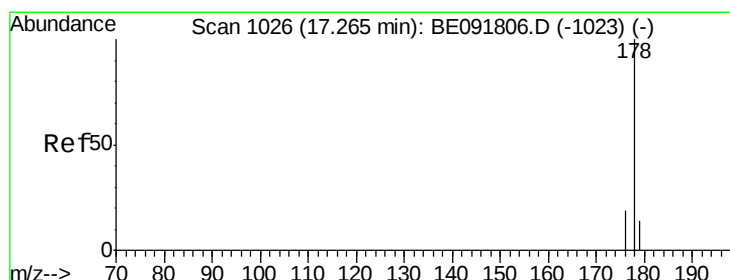
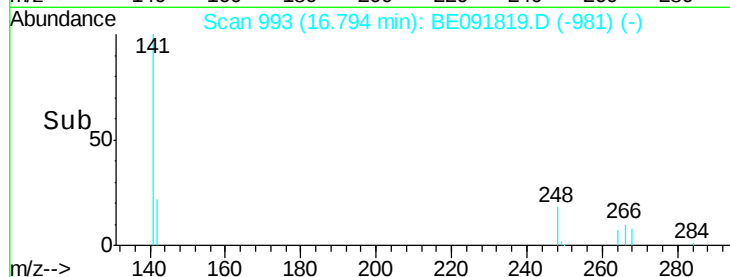
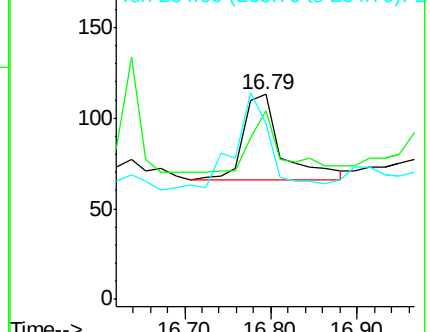
264 85.8 56.2 84.4#



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



#23

Phenanthrene

Concen: Below Cal

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

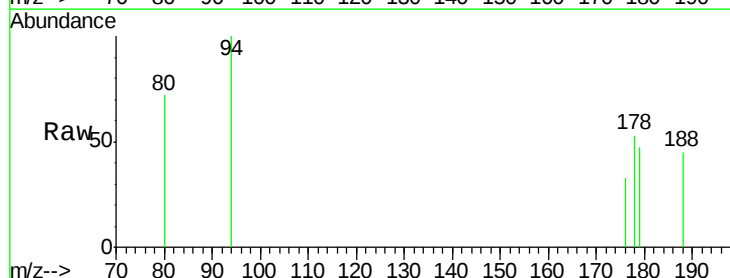
Tgt Ion:178 Resp: 2355

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

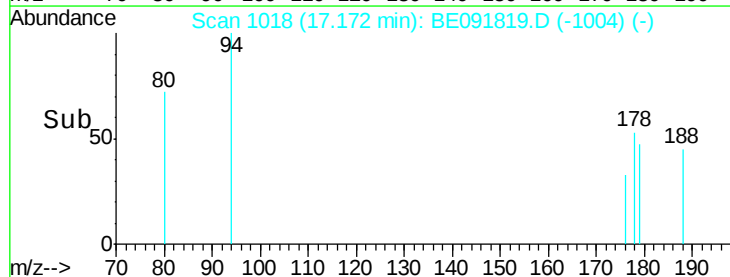
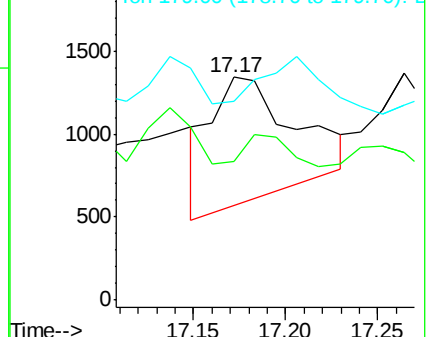
179 0.0 12.6 18.8#



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: 0.01 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

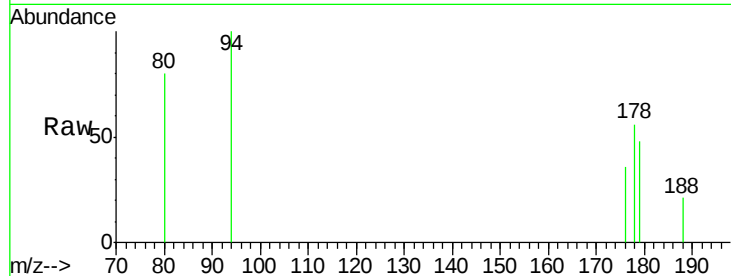
Tgt Ion:178 Resp: 504

Ion Ratio Lower Upper

178 100

176 62.3 14.6 21.8#

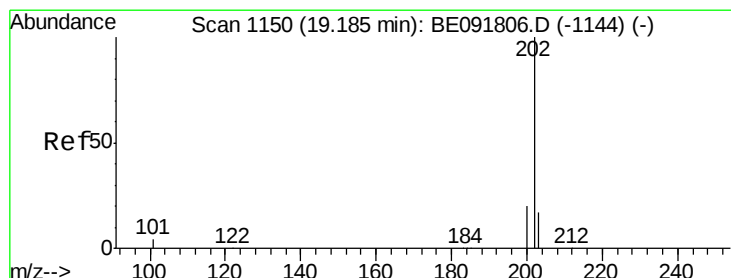
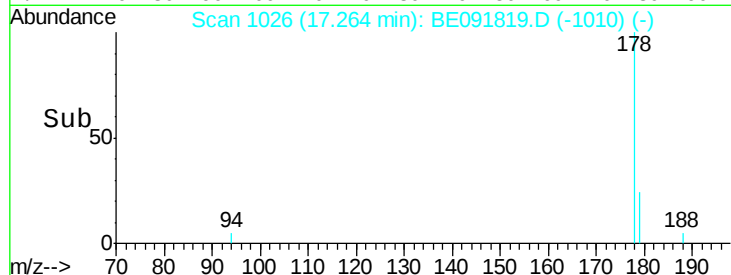
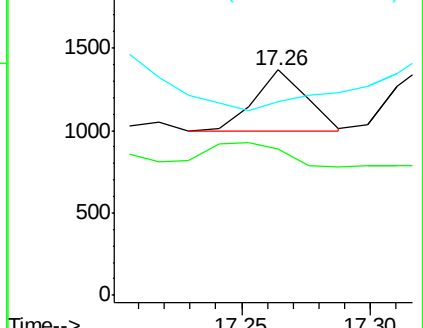
179 0.0 11.8 17.6#



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



#25

Fluoranthene

Concen: 0.01 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

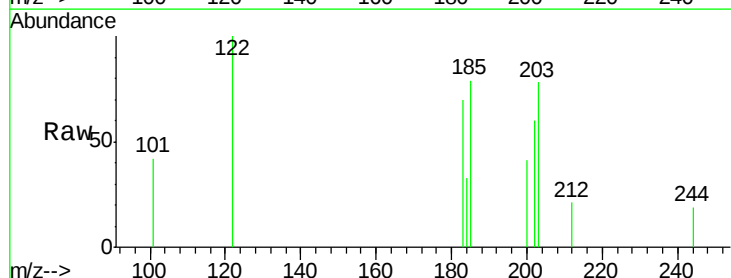
Tgt Ion:202 Resp: 882

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.6#

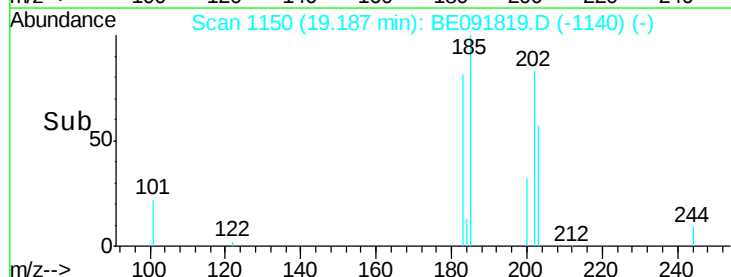
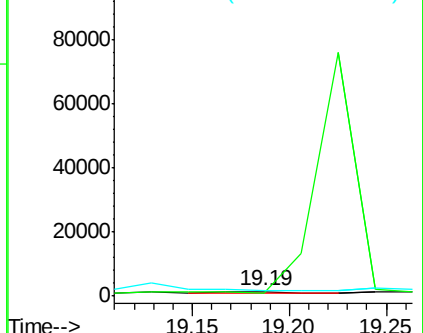
203 0.0 13.9 20.9#

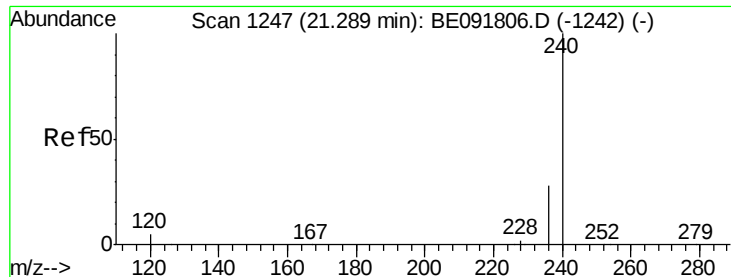


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

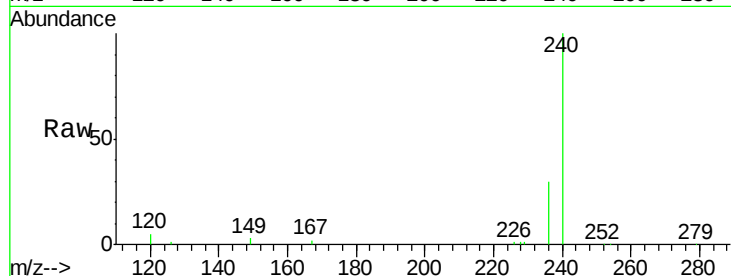
Tgt Ion:240 Resp: 270189

Ion Ratio Lower Upper

240 100

120 5.5 11.0 16.4#

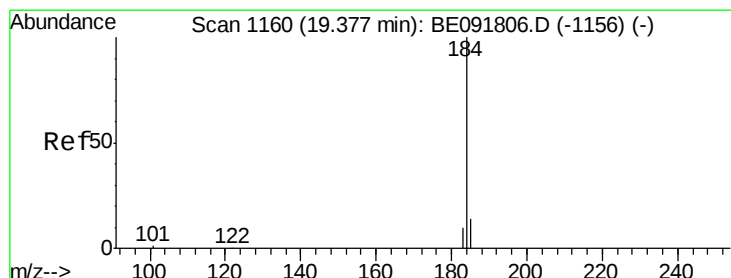
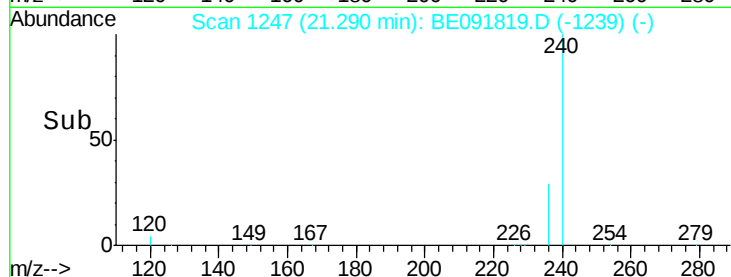
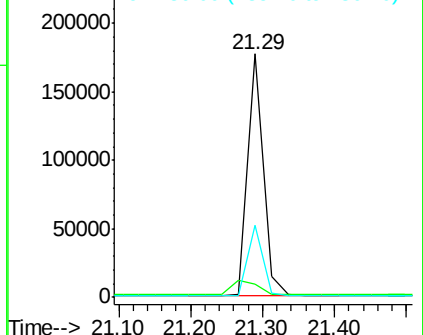
236 29.5 21.7 32.5



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



#27

Benzidine

Concen: Below Cal

RT: 19.24 min Scan# 1153

Delta R.T. -0.13 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

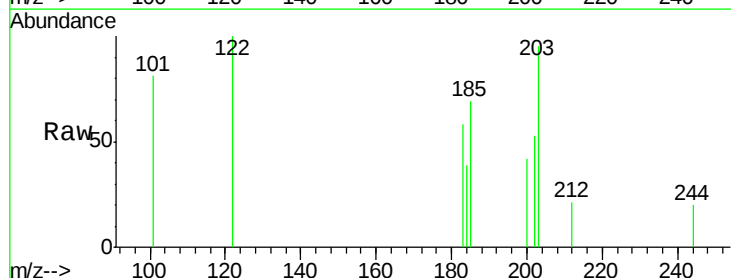
Tgt Ion:184 Resp: 375

Ion Ratio Lower Upper

184 100

185 174.8 22.3 33.5#

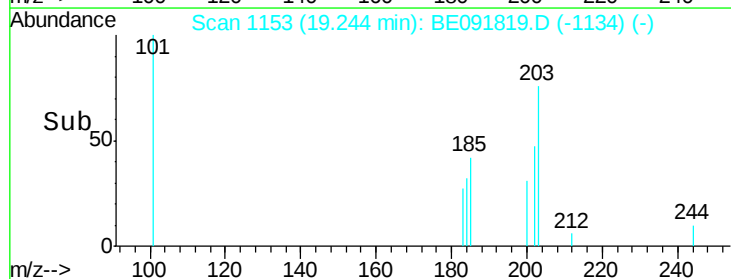
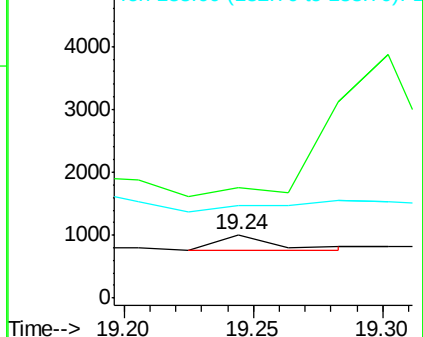
183 146.7 16.4 24.6#

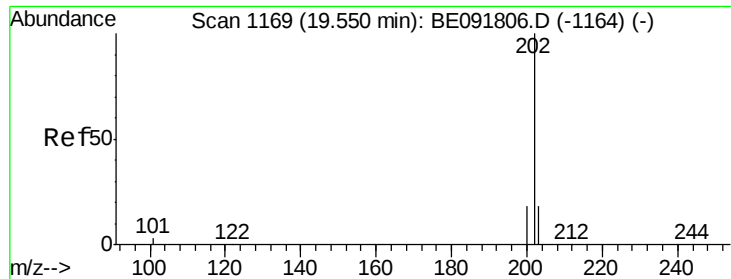


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#28

Pyrene

Concen: 0.05 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091819.D

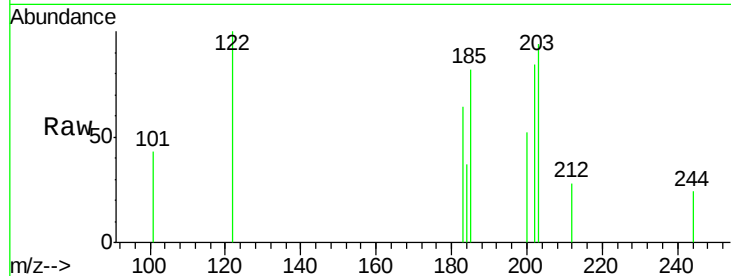
Acq: 19 May 2016 20:45

Instrument :

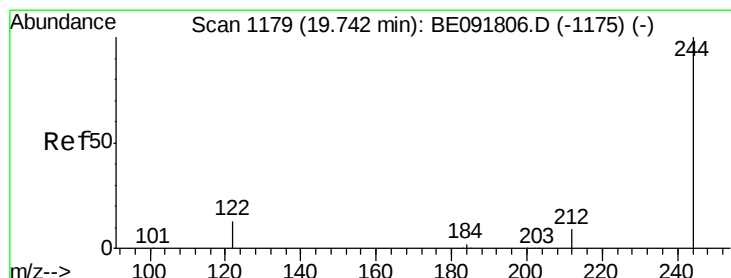
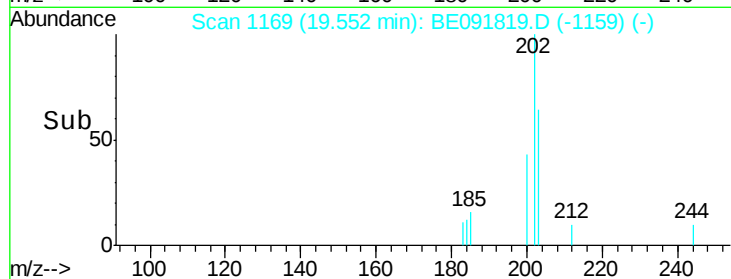
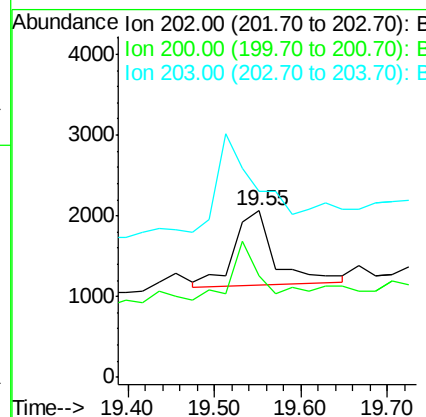
BNA_E

ClientSampleId :

LF016MW001-160512



Tgt Ion:	202	Resp:	3060
Ion	Ratio	Lower	Upper
202	100		
200	58.7	16.8	25.2#
203	0.0	14.0	21.0#



#29

Terphenyl-d14

Concen: 4.71 ng

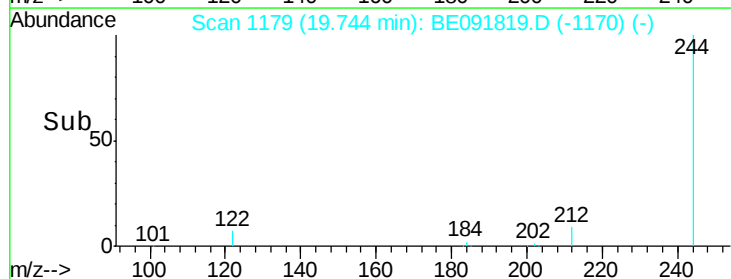
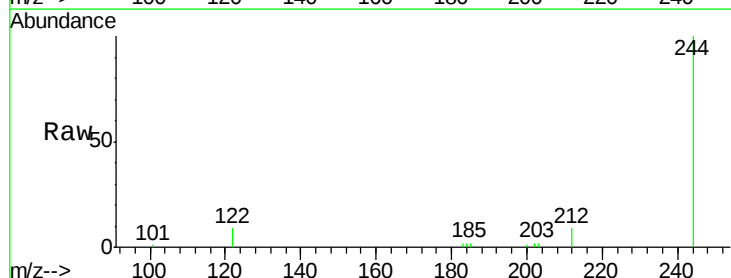
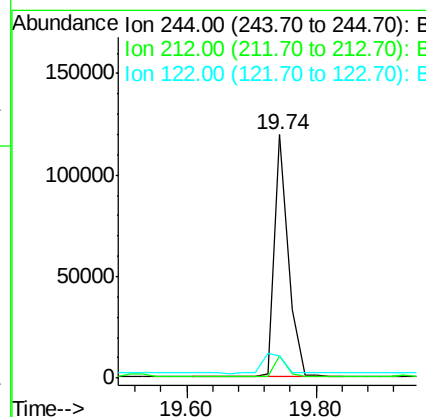
RT: 19.74 min Scan# 1179

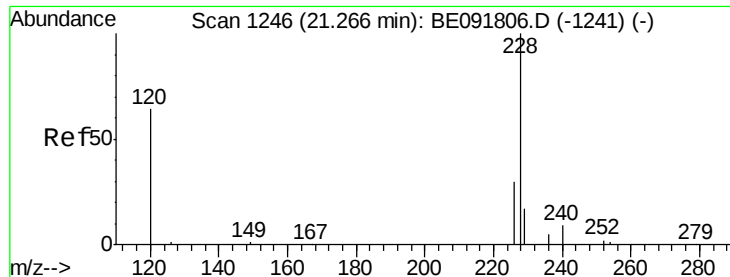
Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Tgt Ion:	244	Resp:	180097
Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.9	10.3
122	9.3	11.0	16.4#





#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

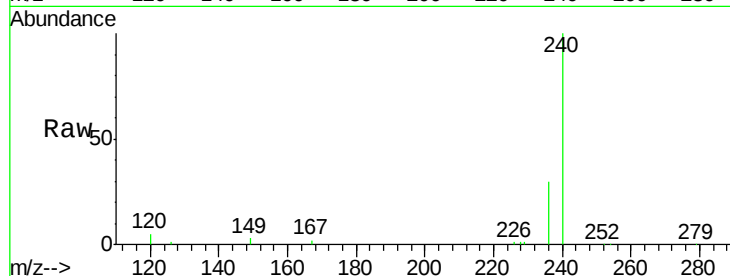
Tgt Ion:228 Resp: 1772

Ion Ratio Lower Upper

228 100

226 61.7 21.0 31.4#

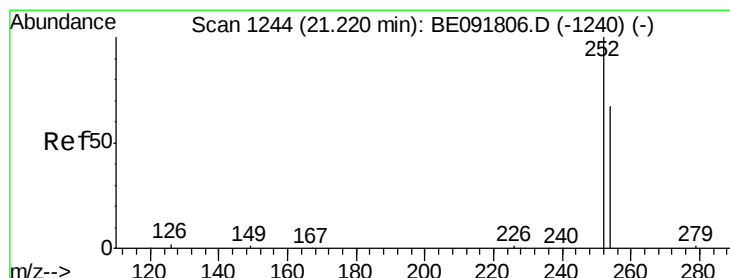
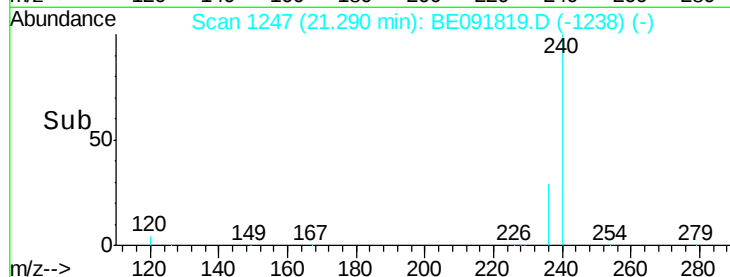
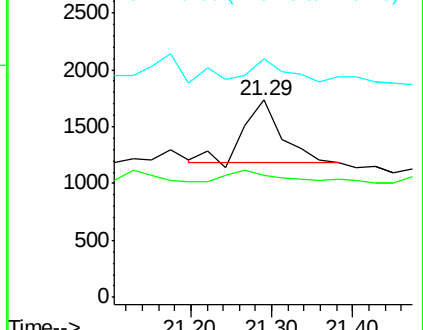
229 120.8 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.04 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

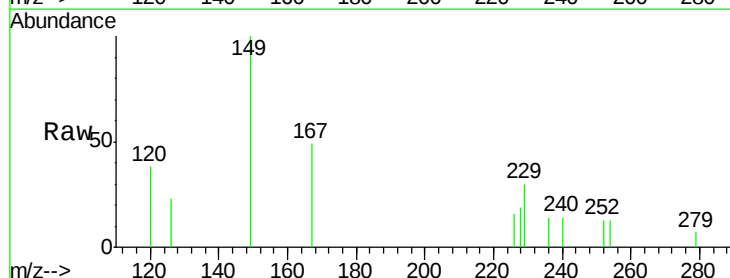
Tgt Ion:252 Resp: 676

Ion Ratio Lower Upper

252 100

254 102.4 51.1 76.7#

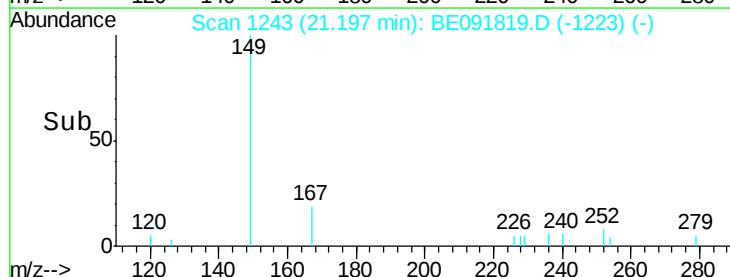
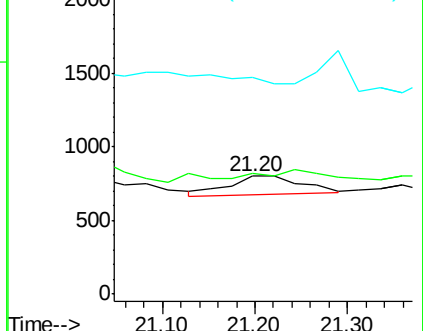
126 184.0 12.6 18.8#

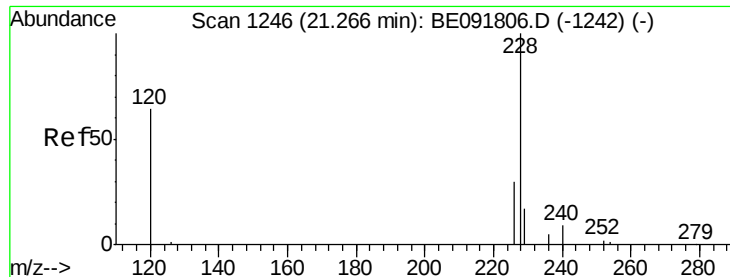


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.08 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.04 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512

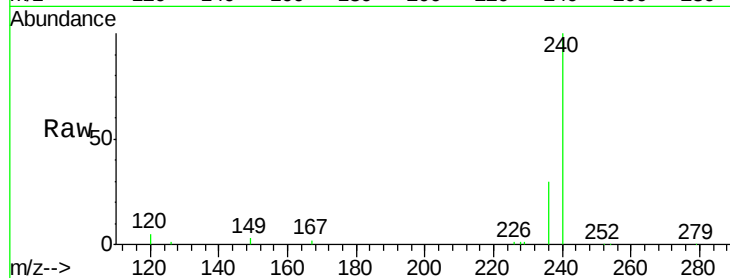
Tgt Ion:228 Resp: 2236

Ion Ratio Lower Upper

228 100

226 61.7 24.0 36.0#

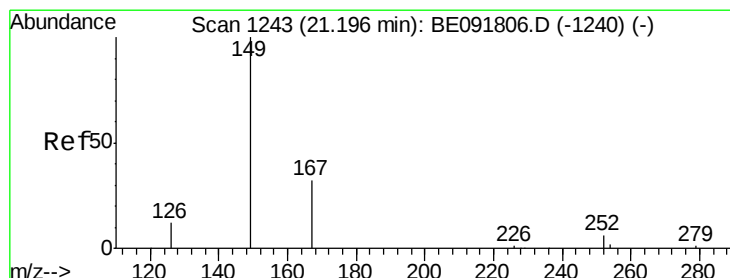
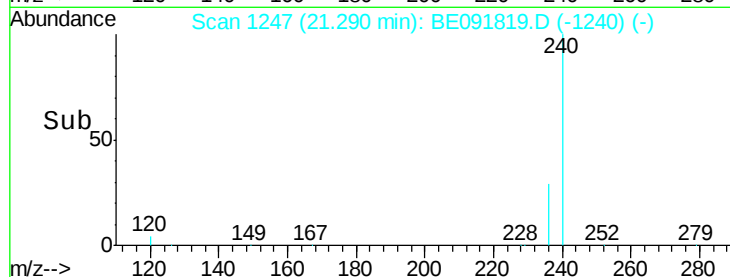
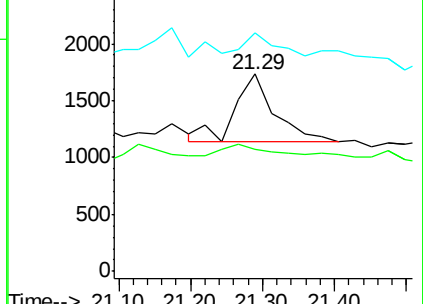
229 120.8 15.9 23.9#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.43 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

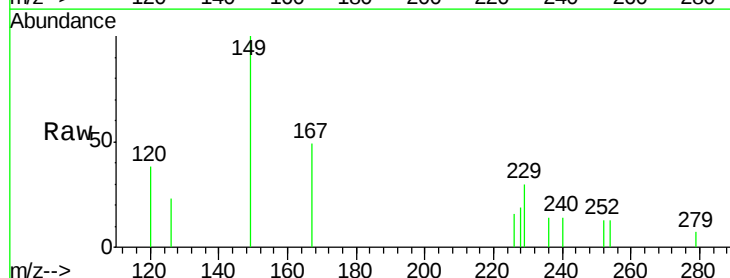
Tgt Ion:149 Resp: 6973

Ion Ratio Lower Upper

149 100

167 15.9 19.5 29.3#

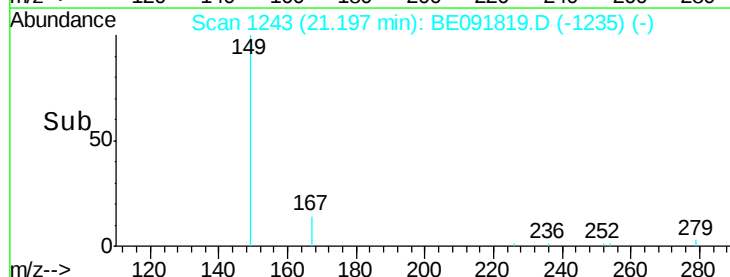
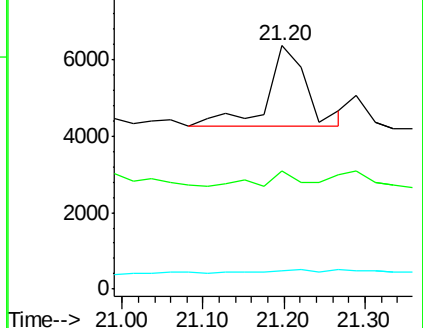
279 0.0 10.0 15.0#

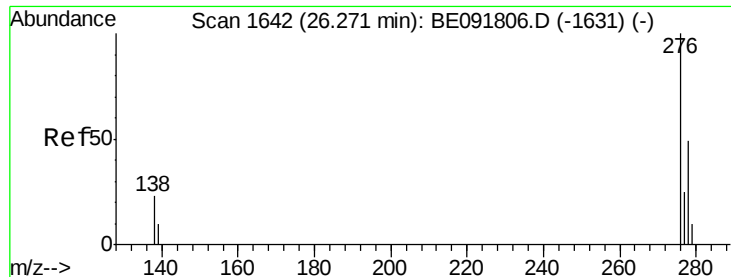


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 26.27 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BE091819.D

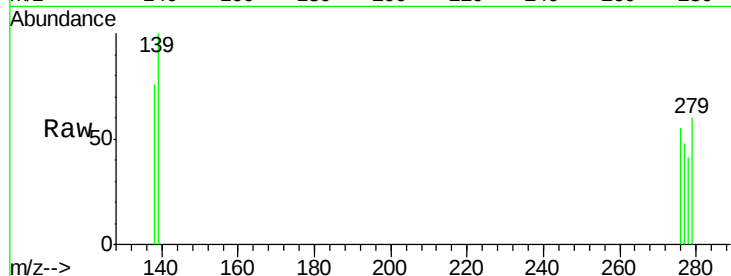
Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512



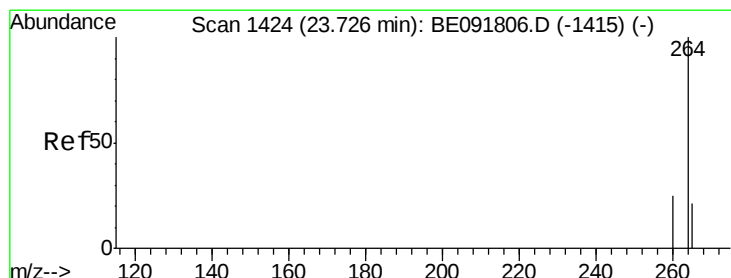
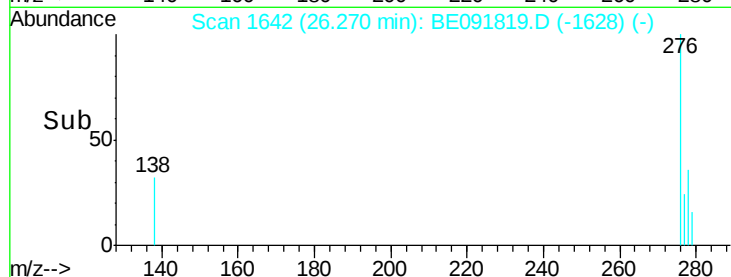
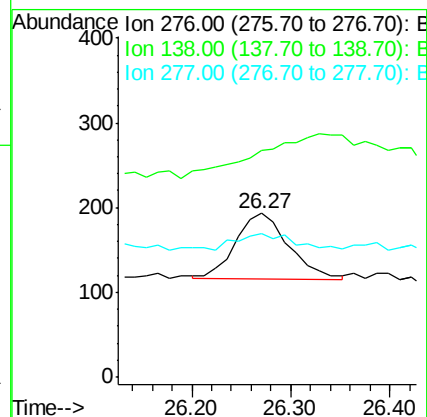
Tgt Ion: 276 Resp: 287

Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.2#

277 32.4 19.8 29.8#



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.73 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

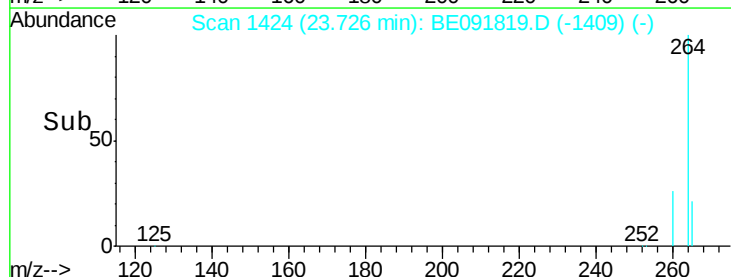
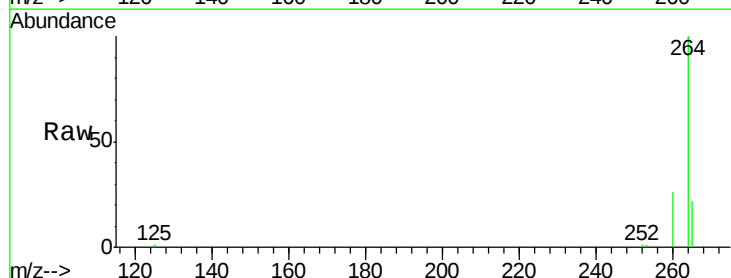
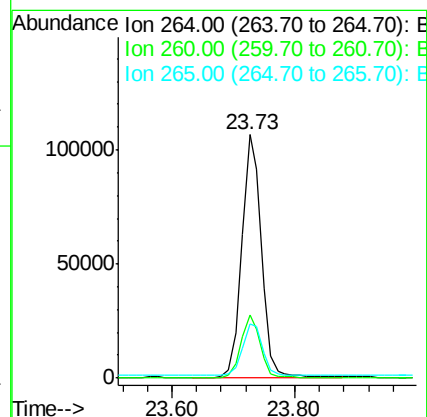
Tgt Ion: 264 Resp: 236220

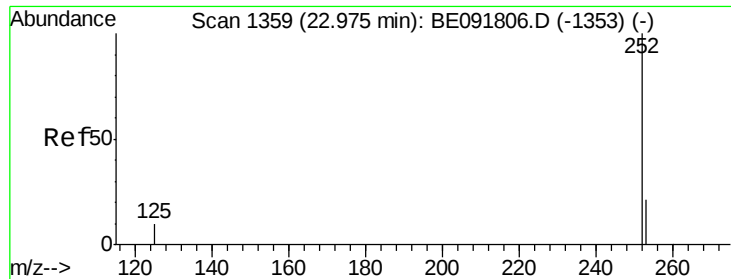
Ion Ratio Lower Upper

264 100

260 25.9 20.0 30.0

265 22.1 17.5 26.3





#36

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.97 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BE091819.D

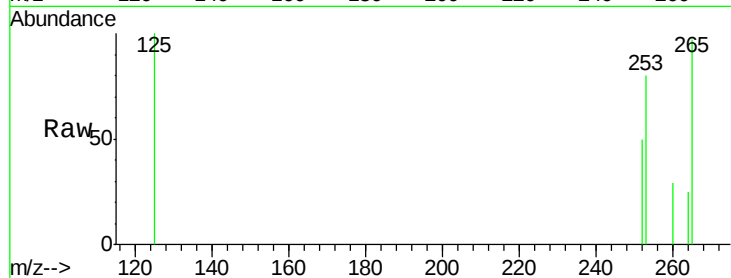
Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512



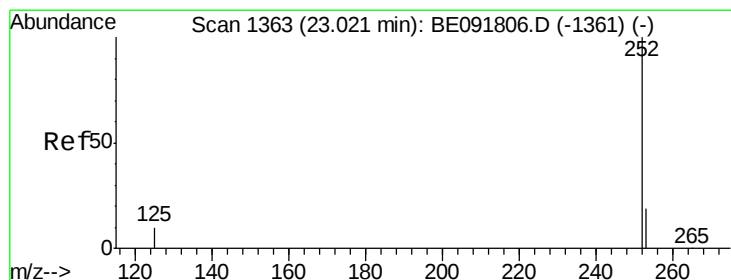
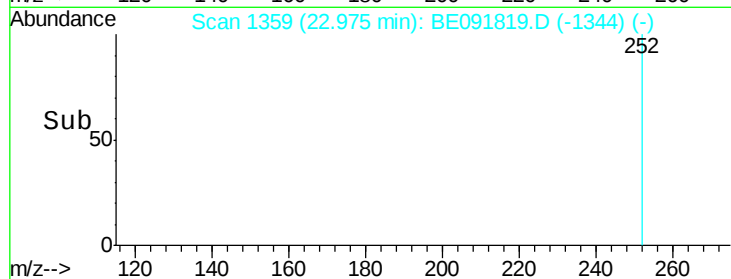
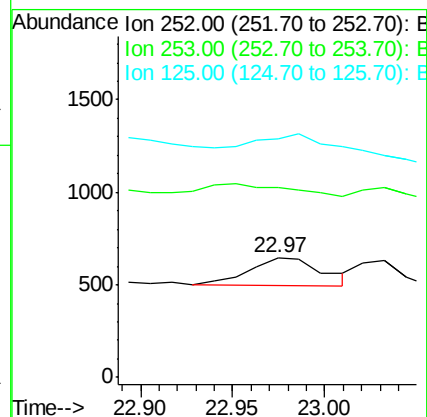
Tgt Ion: 252 Resp: 421

Ion Ratio Lower Upper

252 100

253 158.6 17.4 26.0#

125 198.6 10.2 15.2#



#37

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

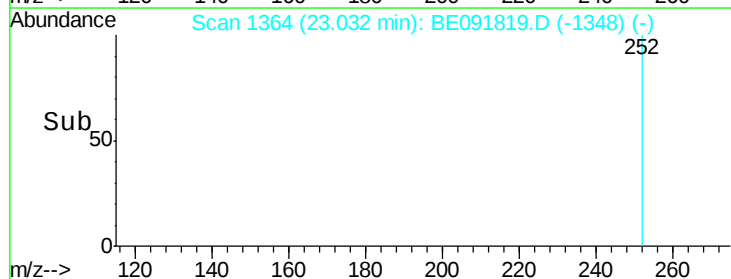
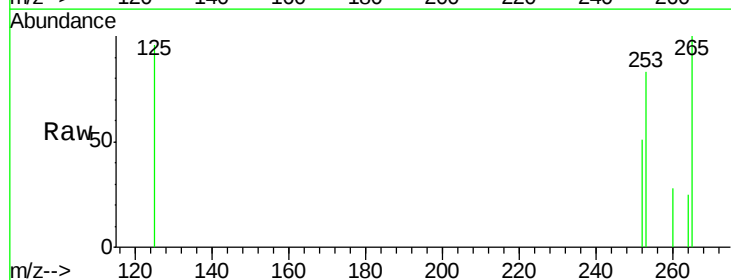
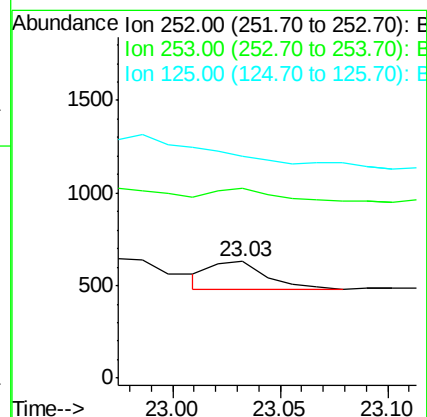
Tgt Ion: 252 Resp: 260

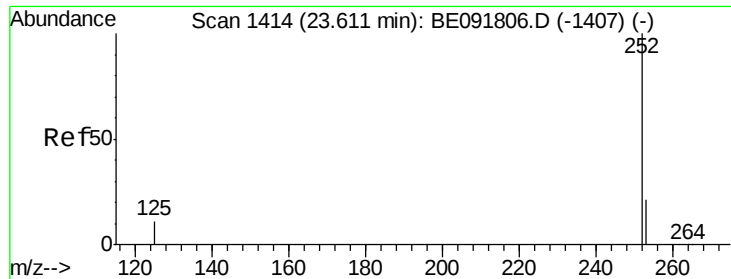
Ion Ratio Lower Upper

252 100

253 163.1 17.6 26.4#

125 190.5 9.9 14.9#





#38

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091819.D

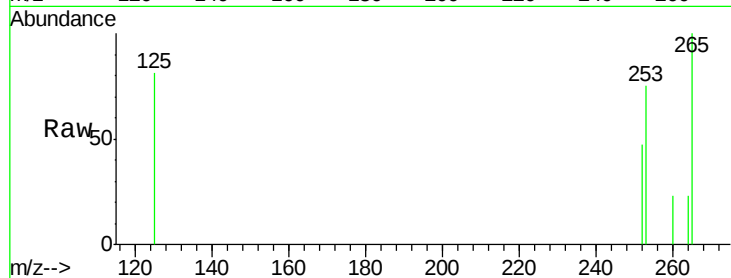
Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512



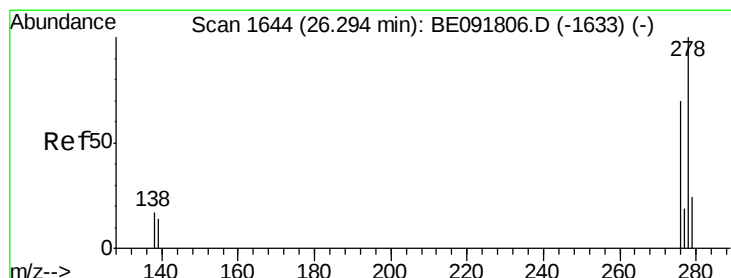
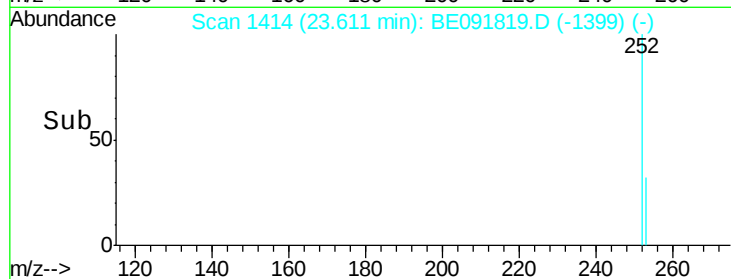
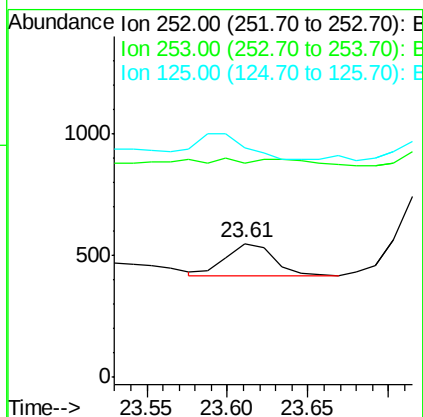
Tgt Ion: 252 Resp: 272

Ion Ratio Lower Upper

252 100

253 160.6 18.1 27.1#

125 171.5 11.0 16.4#



#39

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

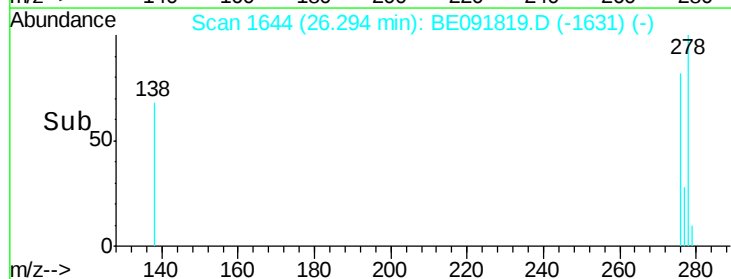
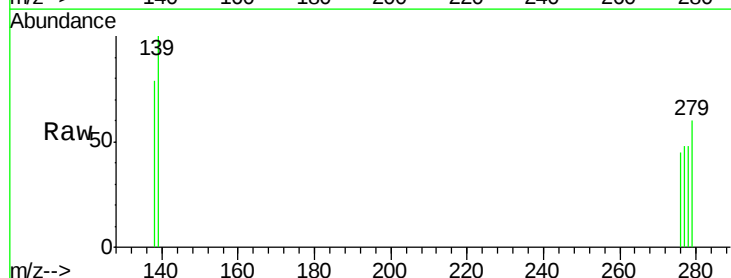
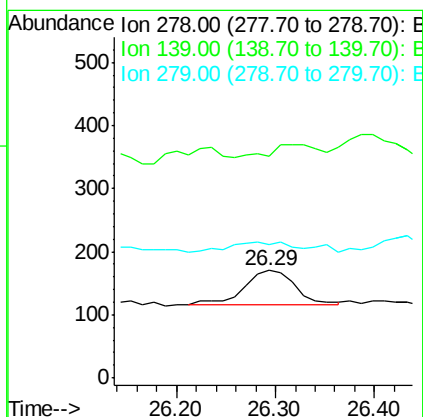
Tgt Ion: 278 Resp: 192

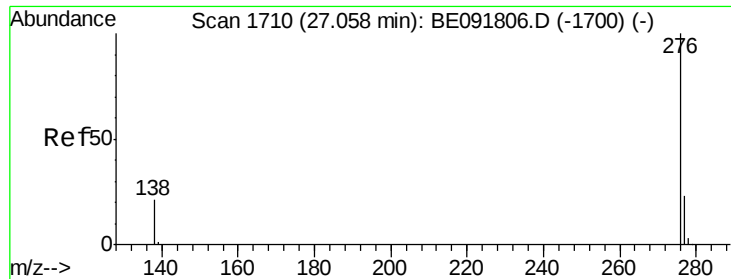
Ion Ratio Lower Upper

278 100

139 206.5 16.0 24.0#

279 124.7 19.4 29.2#





#40

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091819.D

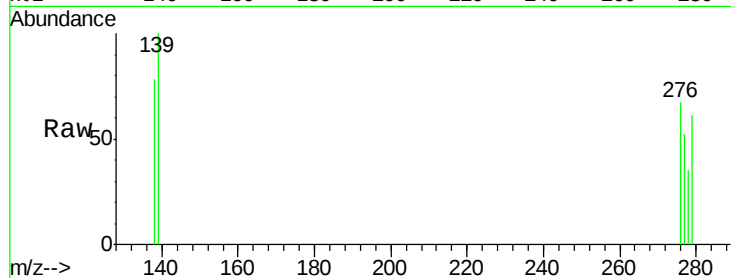
Acq: 19 May 2016 20:45

Instrument :

BNA_E

ClientSampleId :

LF016MW001-160512



Tgt Ion: 276 Resp: 341

Ion Ratio Lower Upper

276 100

277 78.5 18.6 28.0#

138 116.6 20.4 30.6#

