

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091825.D
 Acq On : 20 May 2016 00:29
 Operator : UM/SJ
 Sample : H3084-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW007-160512

Quant Time: May 20 04:51:34 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	22622	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	119647	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	77416	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	189729	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	252310	5.00	ng	-0.02
35) Perylene-d12	23.73	264	217056	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	27223	4.60	ng	0.00
5) Phenol-d6	6.97	99	30369	3.65	ng	0.02
8) Nitrobenzene-d5	8.93	82	35320	4.45	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	30918	10.29	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	95784	4.37	ng	-0.01
29) Terphenyl-d14	19.74	244	171158	4.79	ng	-0.02

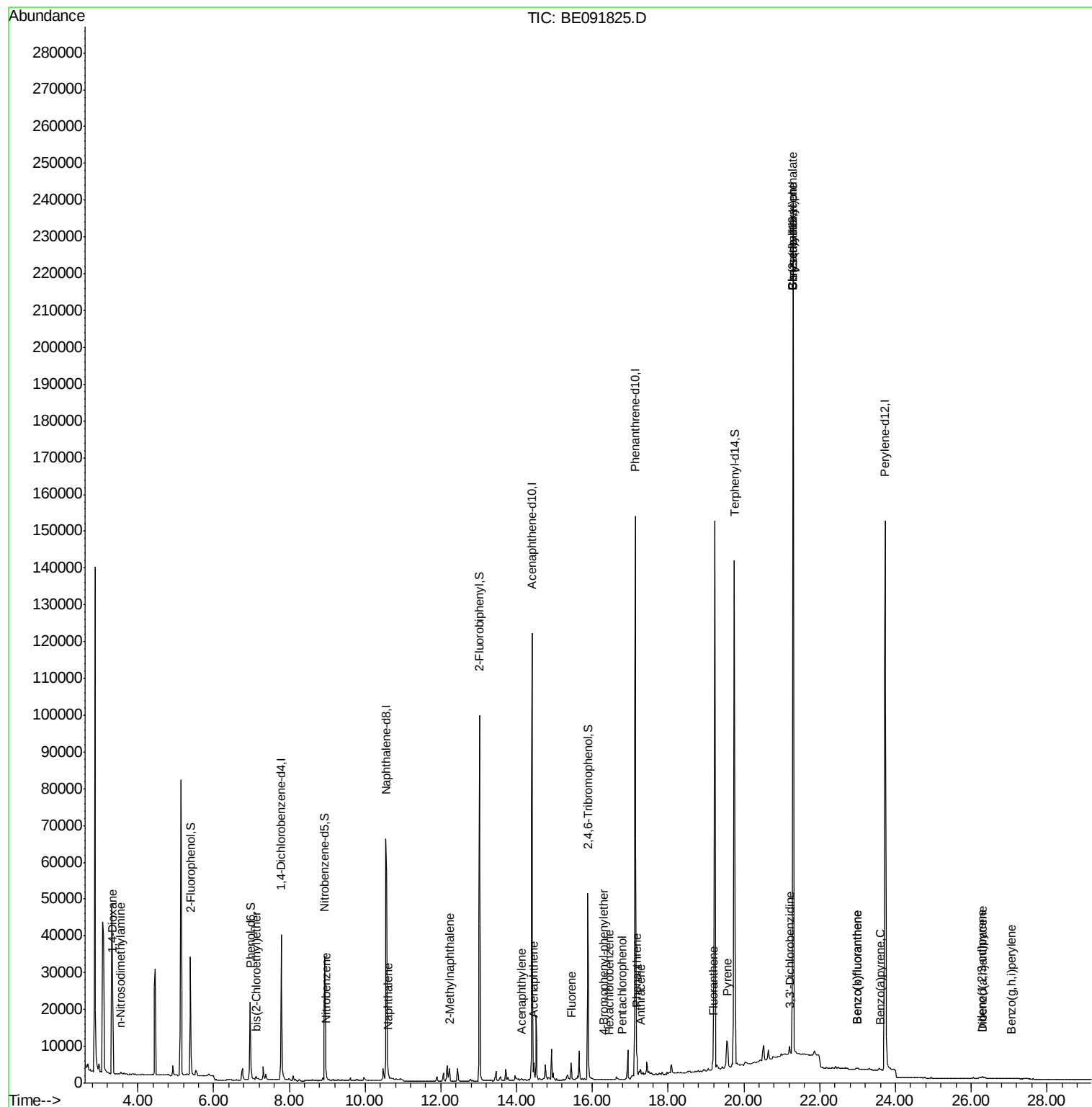
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	29568	12.03	ng	88
3) n-Nitrosodimethylamine	3.54	42	157	0.04	ng	# 1
6) bis(2-Chloroethyl)ether	7.13	93	2169	0.32	ng	# 31
9) Nitrobenzene	8.97	77	568	0.07	ng	# 59
10) Naphthalene	10.61	128	1314	0.05	ng	# 66
12) 2-Methylnaphthalene	12.23	142	2847	0.16	ng	98
16) Acenaphthylene	14.12	152	1890	0.05	ng	# 1
17) Acenaphthene	14.46	154	2426	0.12	ng	# 63
18) Fluorene	15.44	166	3303	0.12	ng	# 91
20) 4-Bromophenyl-phenylether	16.29	248	6	0.00	ng	# 1
21) Hexachlorobenzene	16.45	284	17	0.00	ng	# 38
22) Pentachlorophenol	16.79	266	43	0.01	ng	# 70
23) Phenanthrene	17.17	178	6431	0.07	ng	# 87
24) Anthracene	17.26	178	2015	0.05	ng	# 83
25) Fluoranthene	19.19	202	3198	0.06	ng	# 77
27) Benzdine	19.32	184	326	Below Cal		# 1
28) Pyrene	19.55	202	2649	0.05	ng	# 51
30) Benzo(a)anthracene	21.29	228	1728	0.03	ng	# 4
31) 3,3'-Dichlorobenzidine	21.22	252	386	0.01	ng	# 26
32) Chrysene	21.29	228	1649	0.07	ng	# 14
33) Bis(2-ethylhexyl)phthalate	21.29	149	19875	0.79	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.27	276	228	0.00	ng	# 1
36) Benzo(b)fluoranthene	22.99	252	656	0.01	ng	# 1
37) Benzo(k)fluoranthene	22.99	252	656	0.01	ng	# 1
38) Benzo(a)pyrene	23.61	252	205	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	26.30	278	357	0.01	ng	# 1
40) Benzo(g,h,i)perylene	27.06	276	179	0.00	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091825.D
Acq On : 20 May 2016 00:29
Operator : UM/SJ
Sample : H3084-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW007-160512

Quant Time: May 20 04:51:34 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

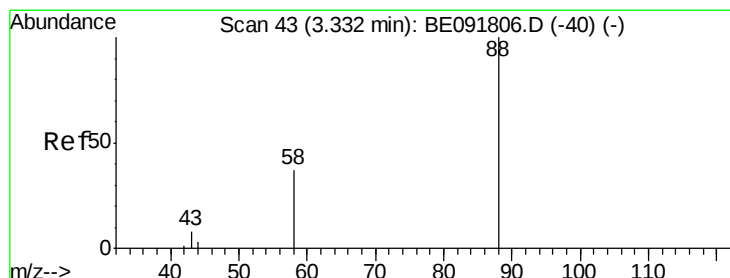
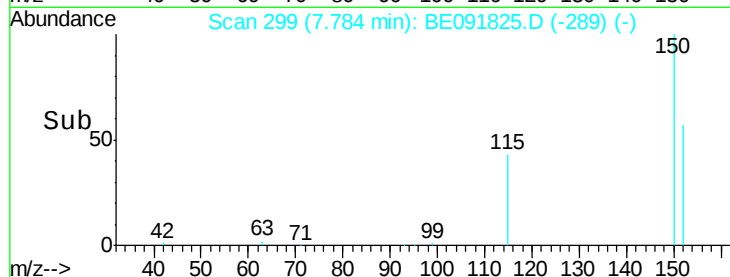
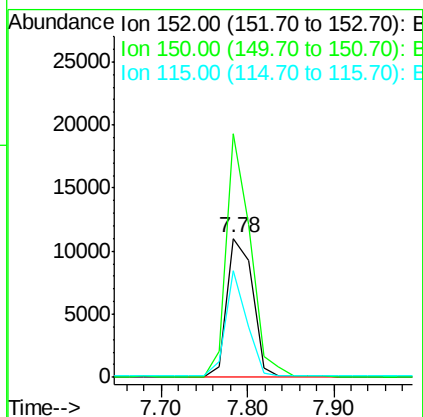
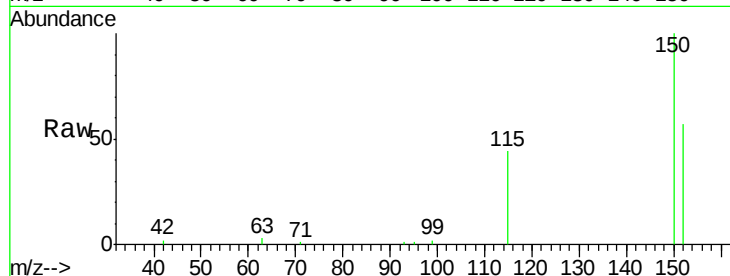




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.78 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BE091825.D
 Acq: 20 May 2016 00:29

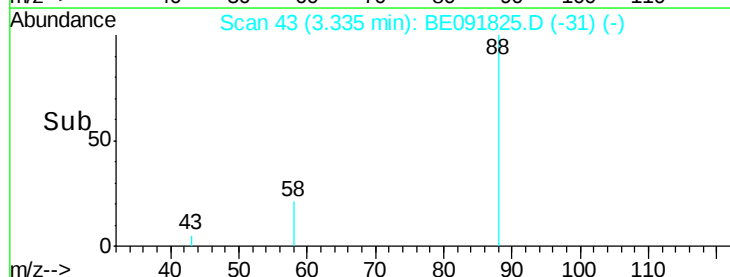
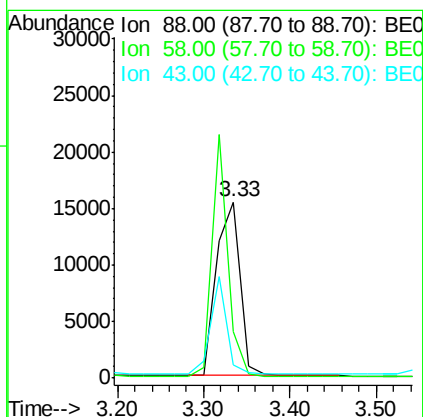
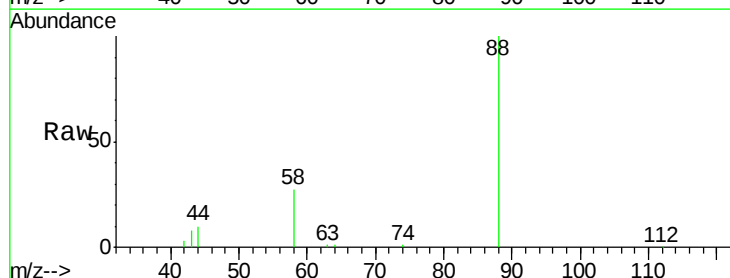
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW007-160512

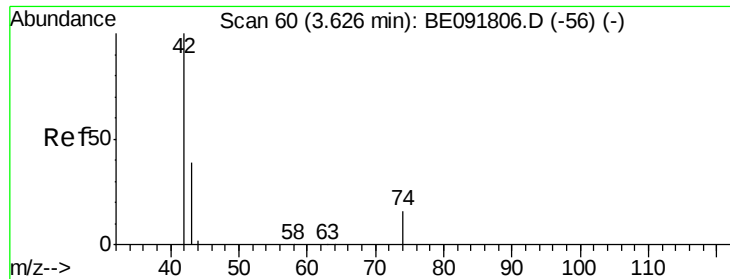
Tgt Ion:152 Resp: 22622
 Ion Ratio Lower Upper
 152 100
 150 175.4 122.6 183.8
 115 76.6 52.8 79.2



#2
 1,4-Dioxane
 Concen: 12.03 ng
 RT: 3.33 min Scan# 43
 Delta R.T. 0.00 min
 Lab File: BE091825.D
 Acq: 20 May 2016 00:29

Tgt Ion: 88 Resp: 29568
 Ion Ratio Lower Upper
 88 100
 58 93.4 65.8 98.6
 43 37.9 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.54 min Scan# 55

Delta R.T. -0.08 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

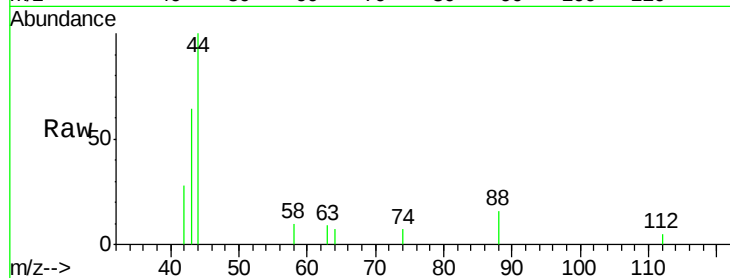
Tgt Ion: 42 Resp: 157

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

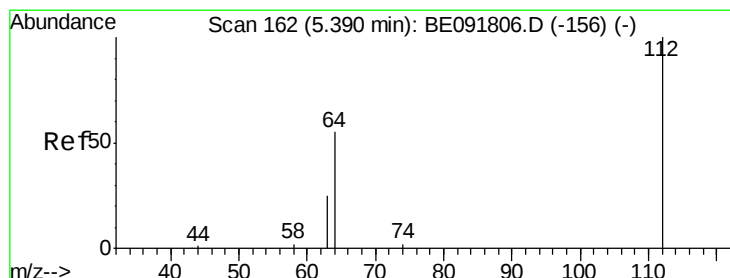
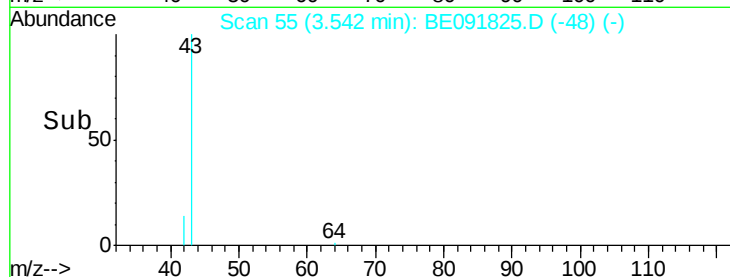
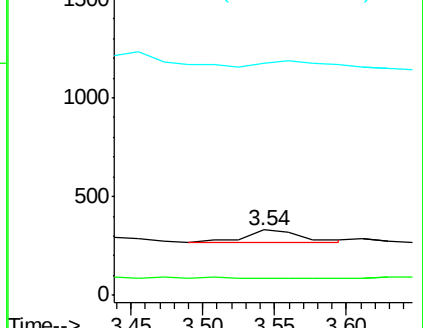
44 134.4 6.6 9.8#



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: 4.60 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

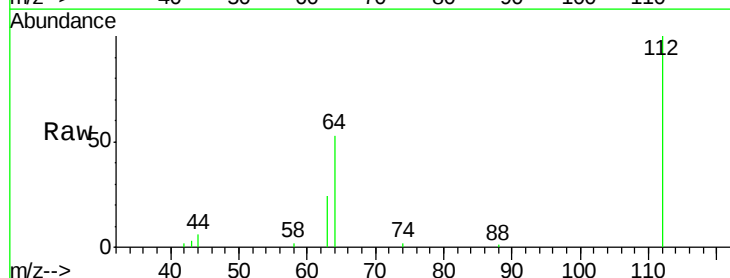
Tgt Ion: 112 Resp: 27223

Ion Ratio Lower Upper

112 100

64 67.6 30.9 46.3#

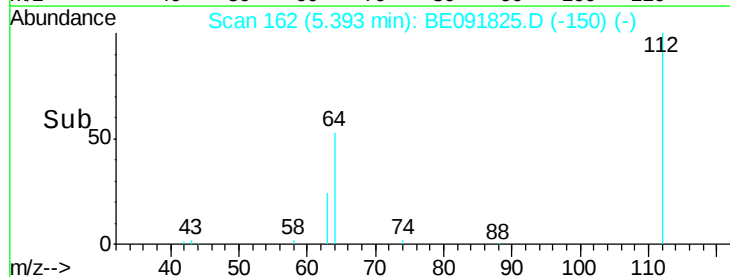
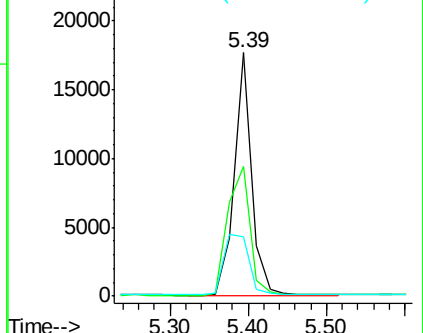
63 36.4 16.7 25.1#

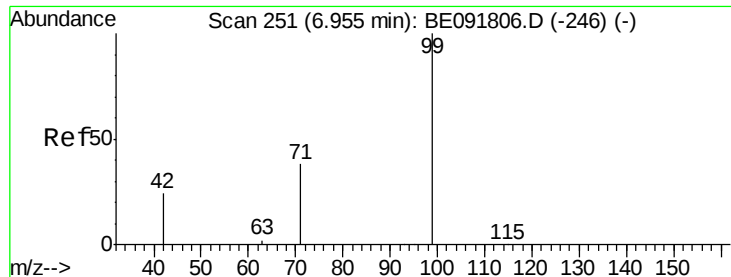


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.65 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

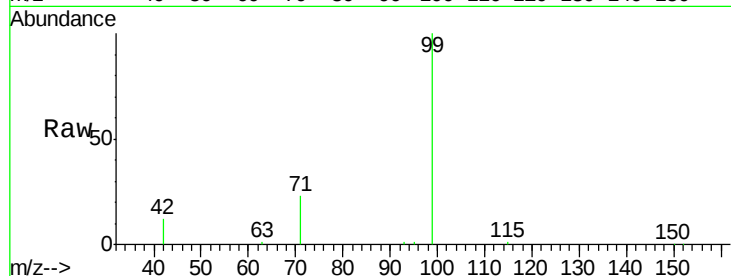
Tgt Ion: 99 Resp: 30369

Ion Ratio Lower Upper

99 100

42 23.5 16.2 24.2

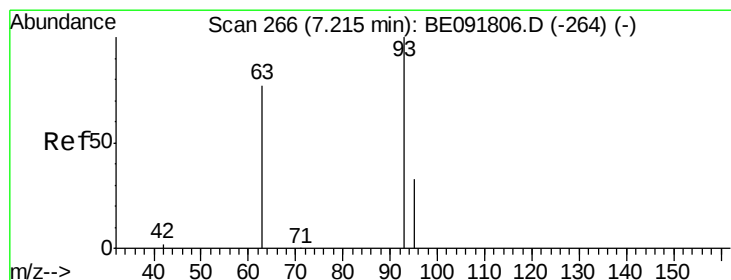
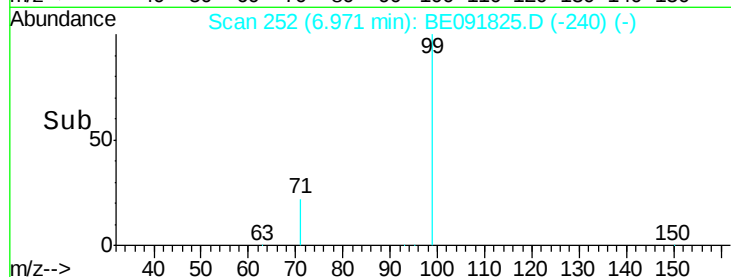
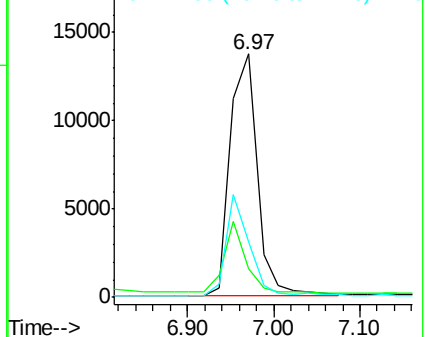
71 36.3 29.0 43.4



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: 0.32 ng

RT: 7.13 min Scan# 261

Delta R.T. -0.09 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

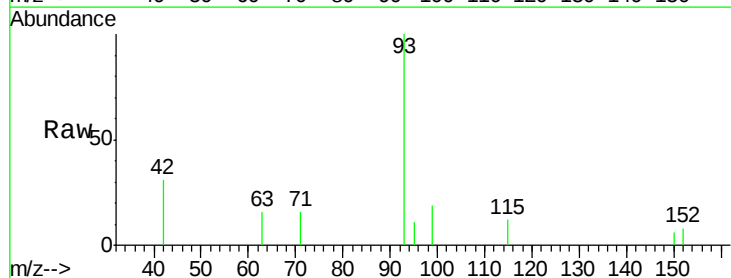
Tgt Ion: 93 Resp: 2169

Ion Ratio Lower Upper

93 100

63 3.4 49.5 74.3#

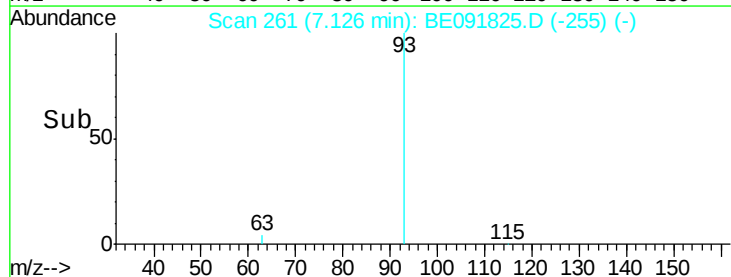
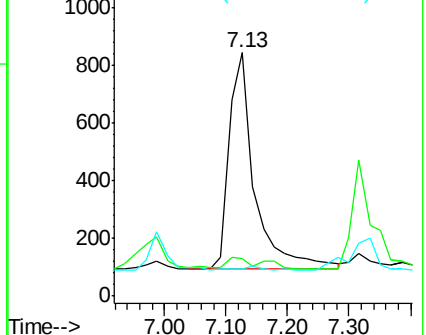
95 0.0 22.2 33.4#

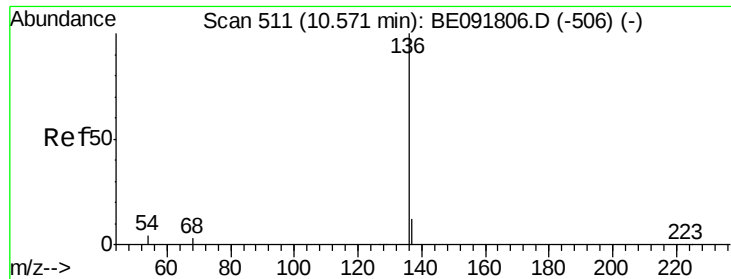


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091825.D

Acq: 20 May 2016 00:29

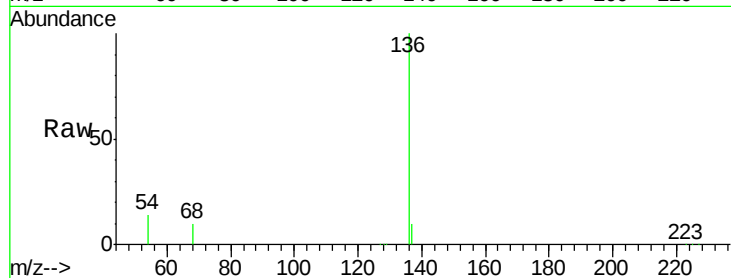
Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

Tgt Ion:	136	Resp:	119647
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	14.3	8.2	12.4#
68	9.8	6.2	9.4#

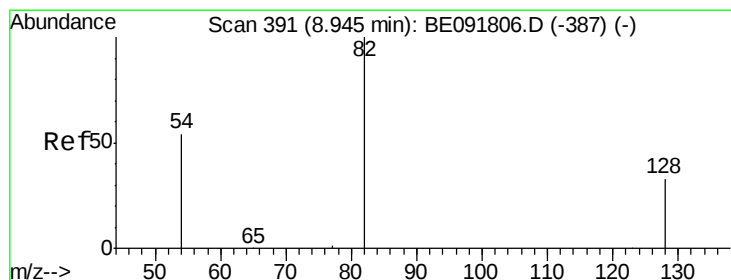
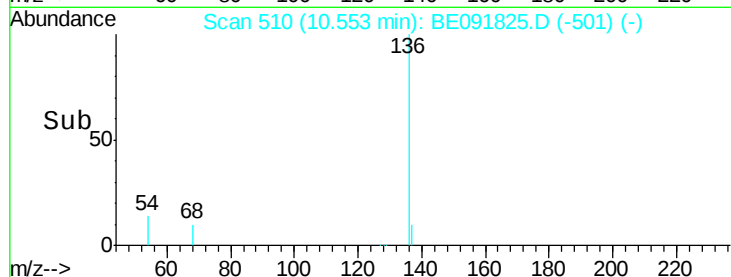
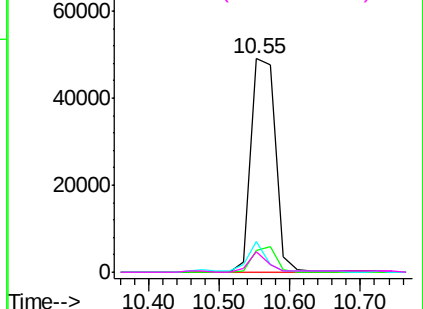


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.45 ng

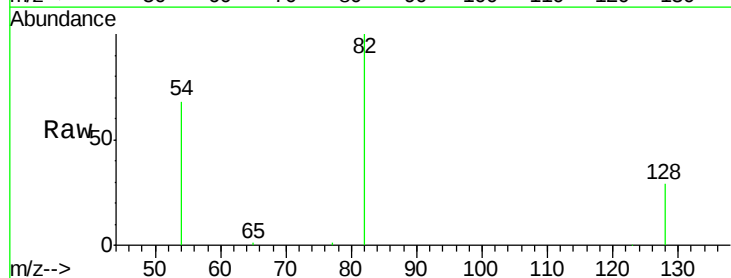
RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

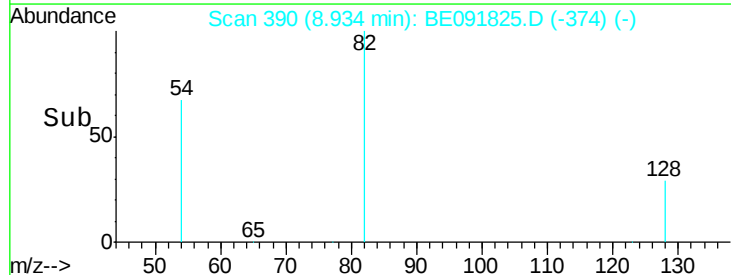
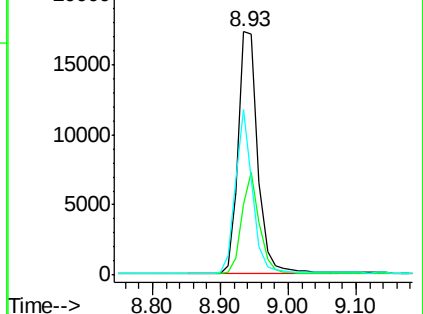
Tgt Ion:	82	Resp:	35320
Ion	Ratio	Lower	Upper
82	100		
128	29.1	25.4	38.0
54	67.8	48.4	72.6

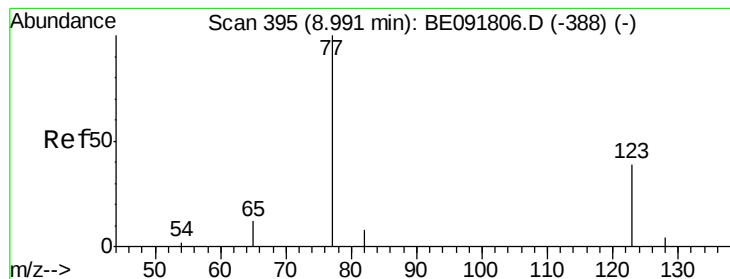


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.07 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.02 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

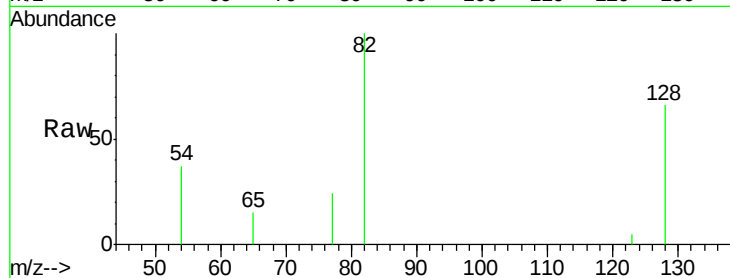
Tgt Ion: 77 Resp: 568

Ion Ratio Lower Upper

77 100

123 7.9 26.9 40.3#

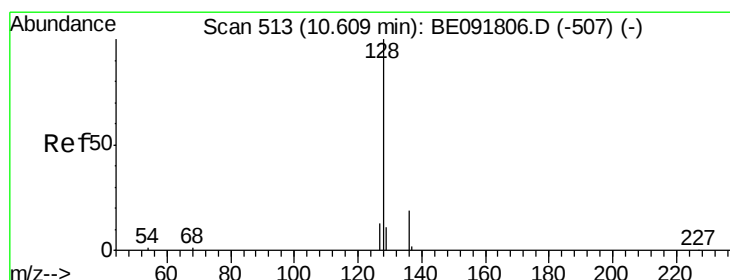
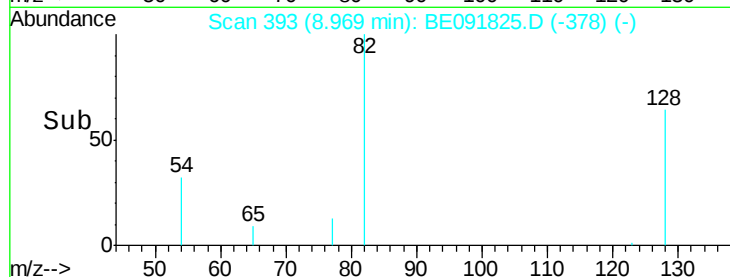
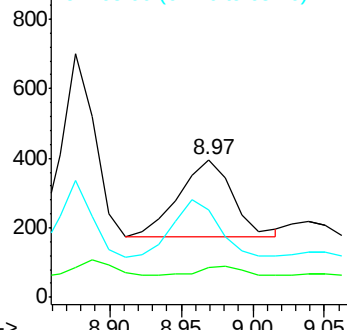
65 0.0 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.05 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

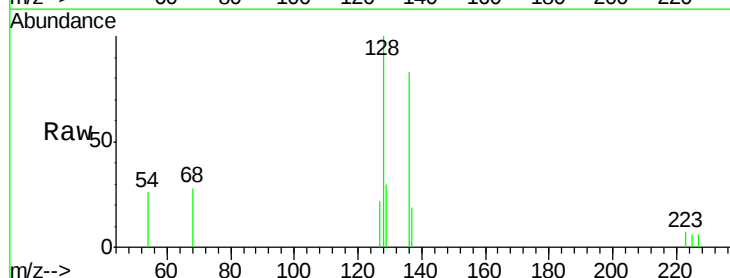
Tgt Ion: 128 Resp: 1314

Ion Ratio Lower Upper

128 100

129 30.1 9.3 13.9#

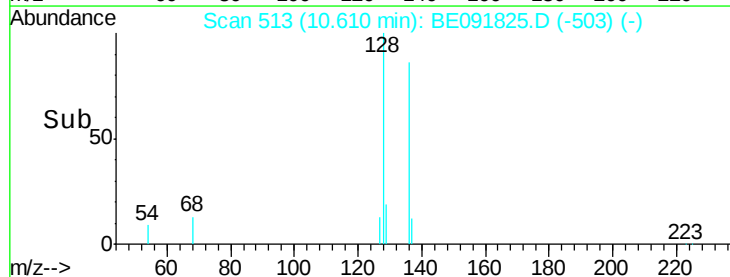
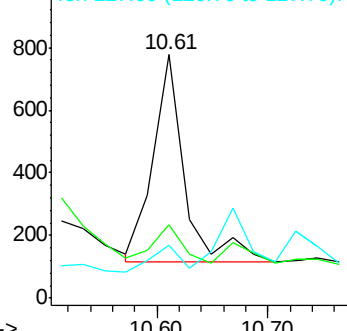
127 21.9 10.7 16.1#

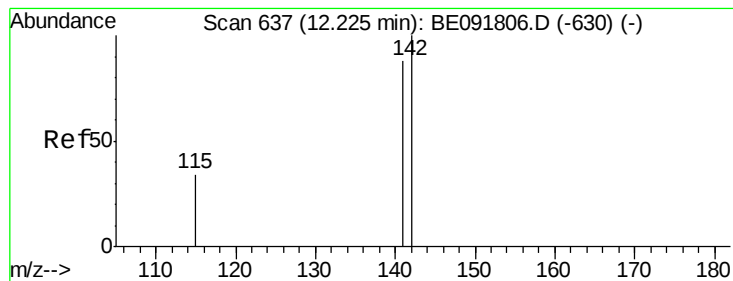


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)





#12

2-Methylnaphthalene

Concen: 0.16 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

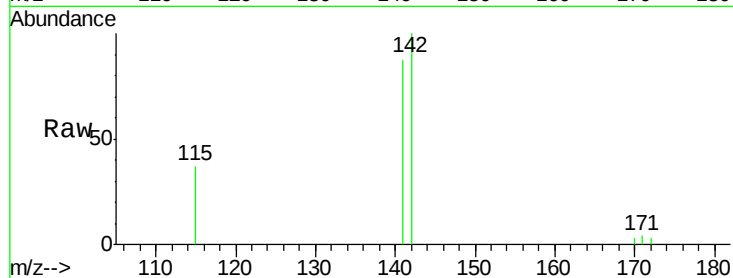
Tgt Ion:142 Resp: 2847

Ion Ratio Lower Upper

142 100

141 87.0 71.4 107.0

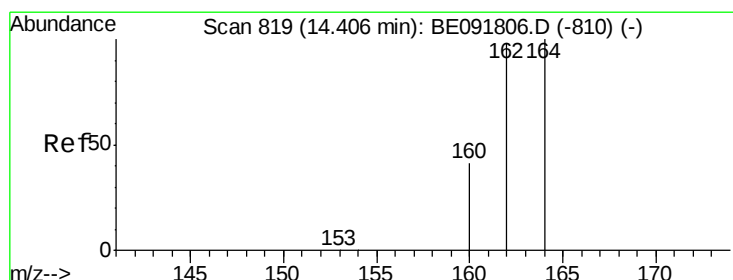
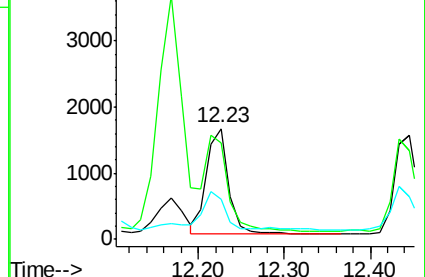
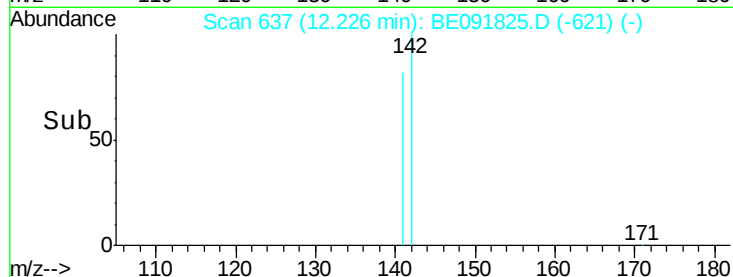
115 36.8 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

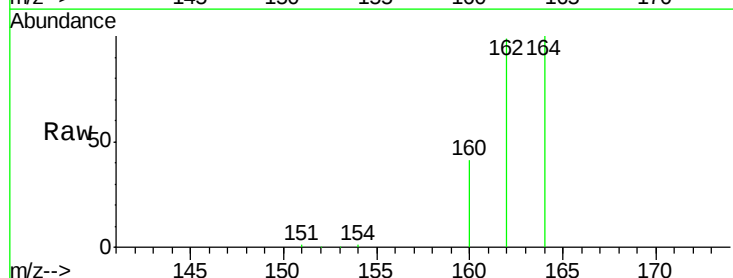
Tgt Ion:164 Resp: 77416

Ion Ratio Lower Upper

164 100

162 98.5 85.3 127.9

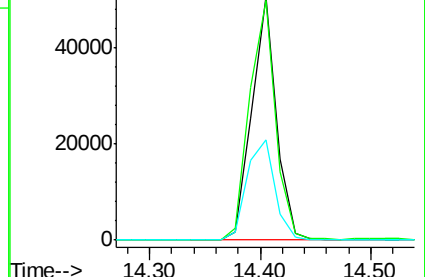
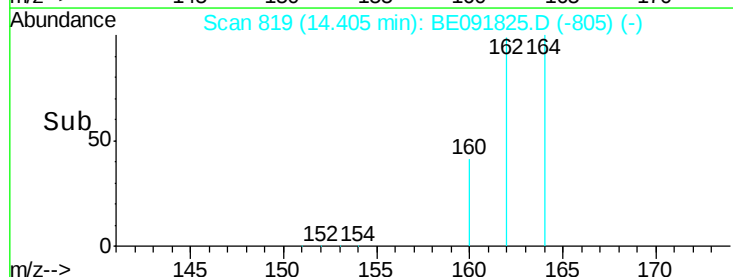
160 41.1 46.2 69.2#

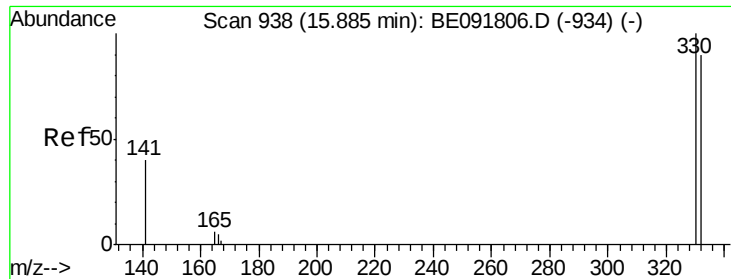


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

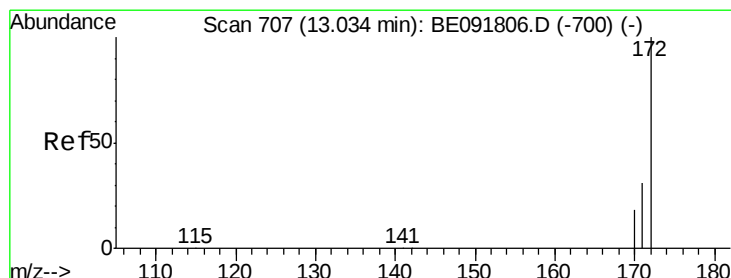
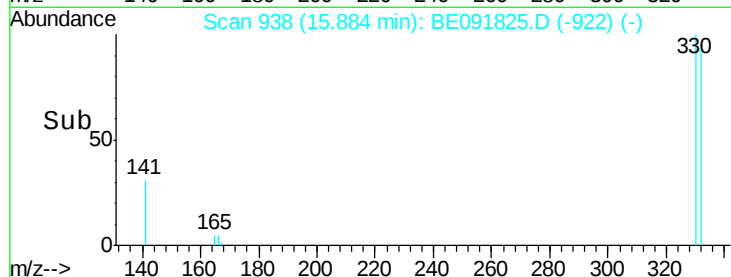
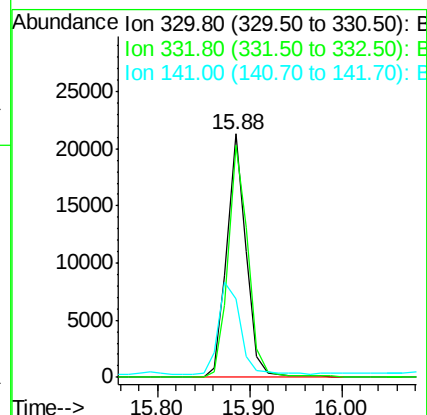
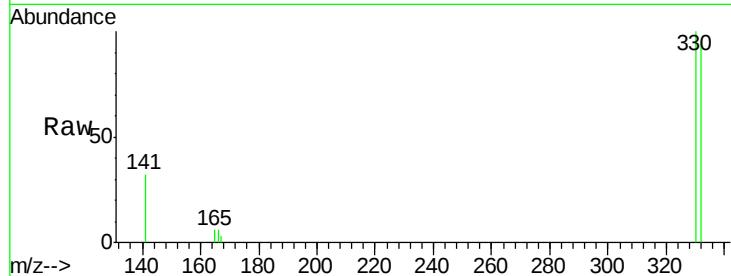




#14
 2,4,6-Tribromophenol
 Concen: 10.29 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091825.D
 Acq: 20 May 2016 00:29

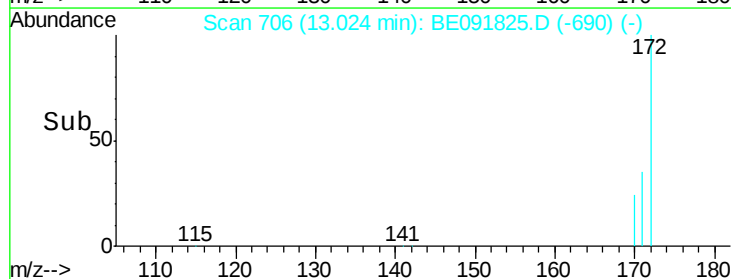
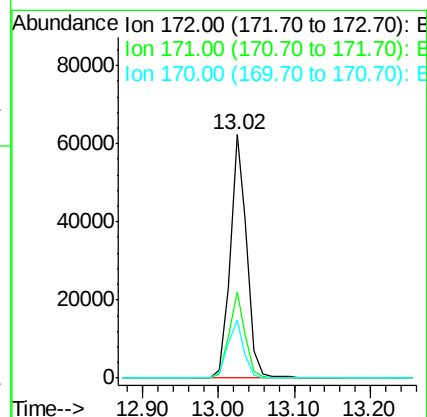
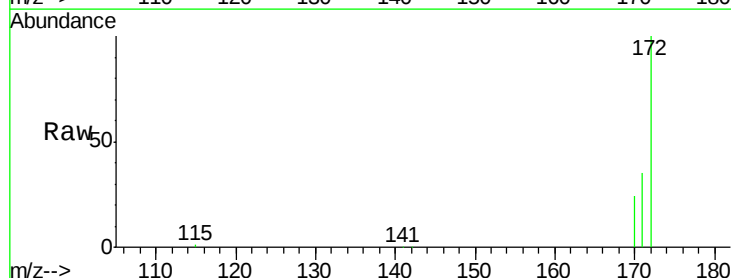
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW007-160512

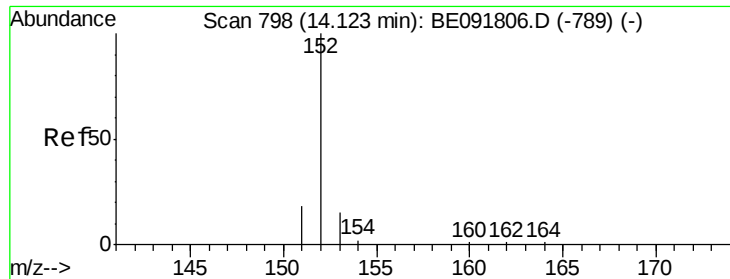
Tgt Ion:330 Resp: 30918
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.1 118.7
 141 43.2 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 4.37 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091825.D
 Acq: 20 May 2016 00:29

Tgt Ion:172 Resp: 95784
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.8 19.3 28.9





#16

Acenaphthylene

Concen: 0.05 ng

RT: 14.12 min Scan# 798

Delta R.T. -0.00 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

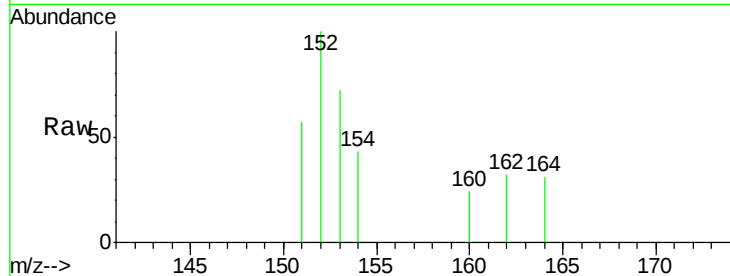
Tgt Ion:152 Resp: 1890

Ion Ratio Lower Upper

152 100

151 27.1 3.9 5.9#

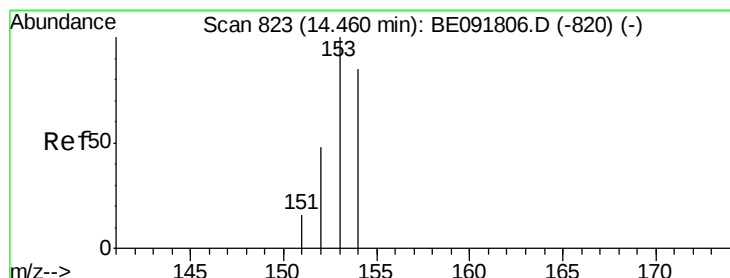
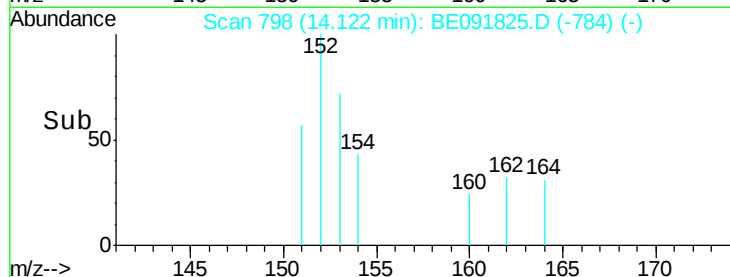
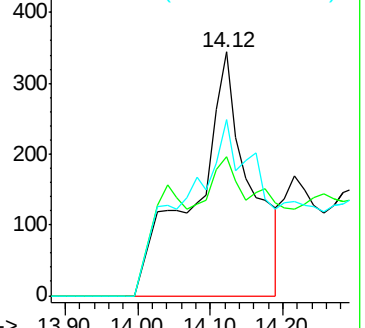
153 97.5 10.3 15.5#



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: 0.12 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

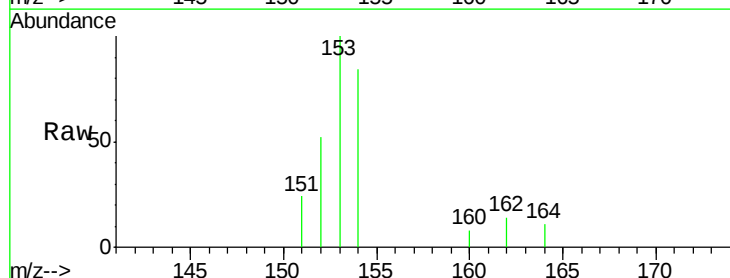
Tgt Ion:154 Resp: 2426

Ion Ratio Lower Upper

154 100

153 118.5 80.0 120.0

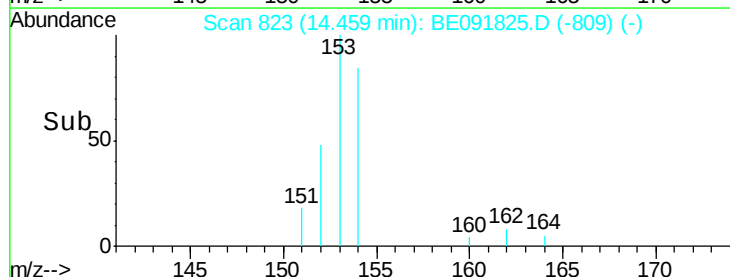
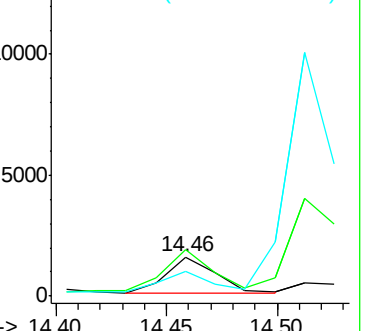
152 0.0 40.0 60.0#

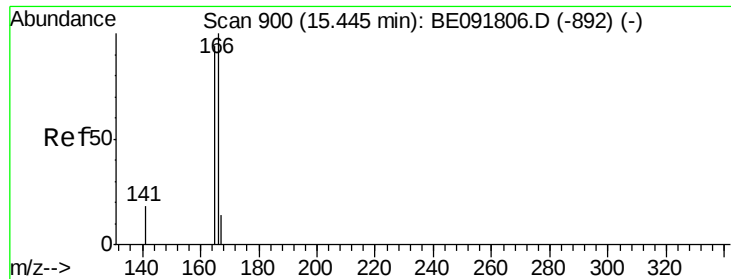


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.12 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

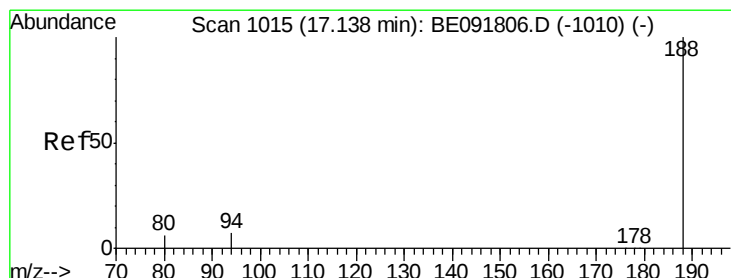
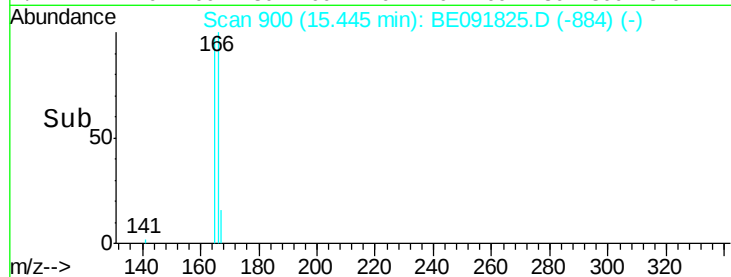
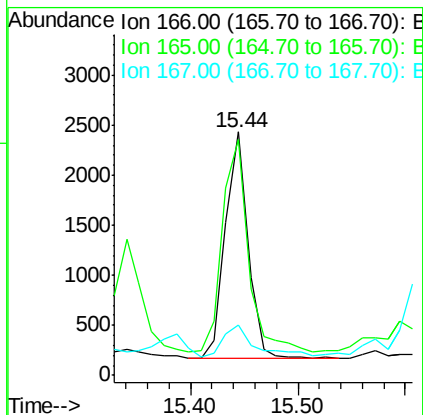
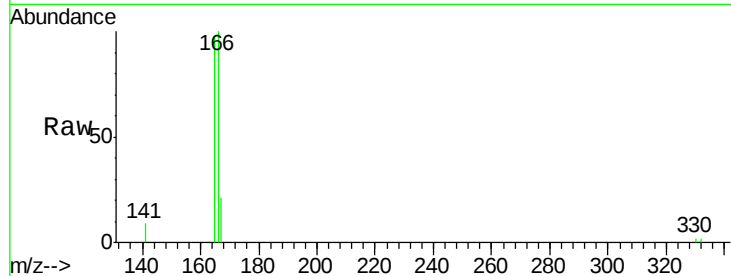
Tgt Ion:166 Resp: 3303

Ion Ratio Lower Upper

166 100

165 108.7 80.8 121.2

167 20.8 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: BE091825.D

Acq: 20 May 2016 00:29

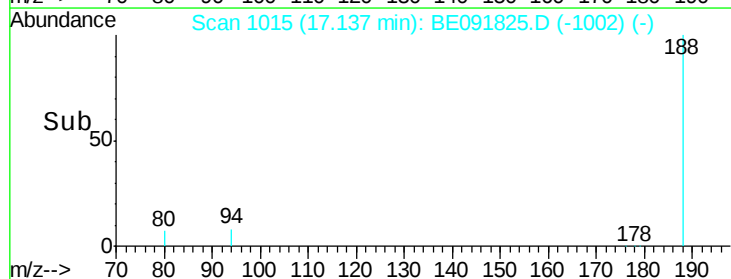
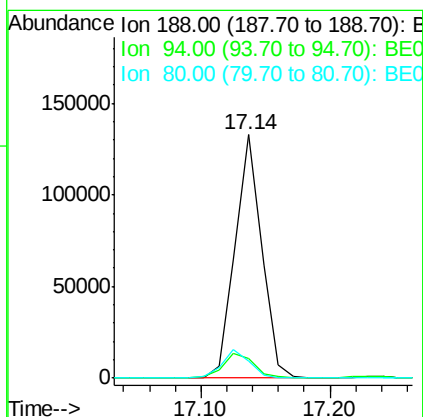
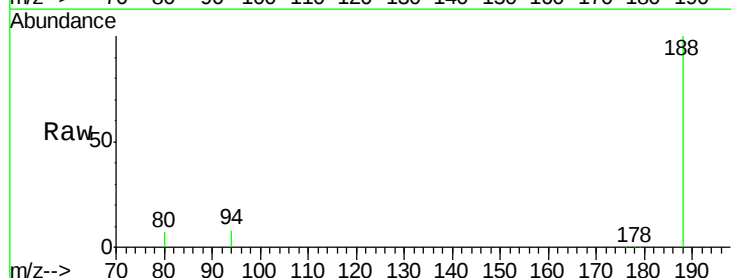
Tgt Ion:188 Resp: 189729

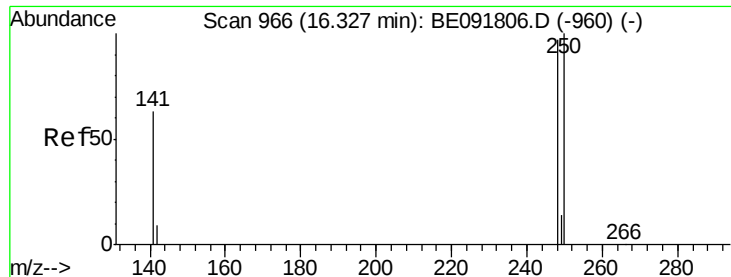
Ion Ratio Lower Upper

188 100

94 7.9 8.7 13.1#

80 7.3 9.4 14.0#

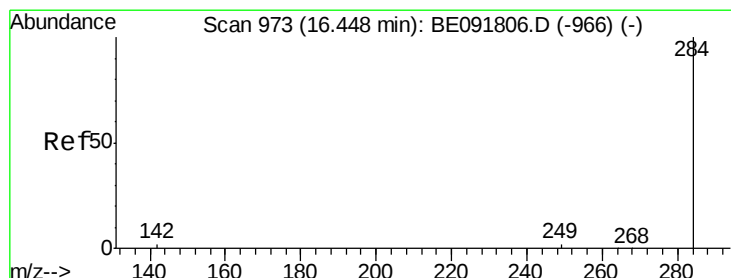
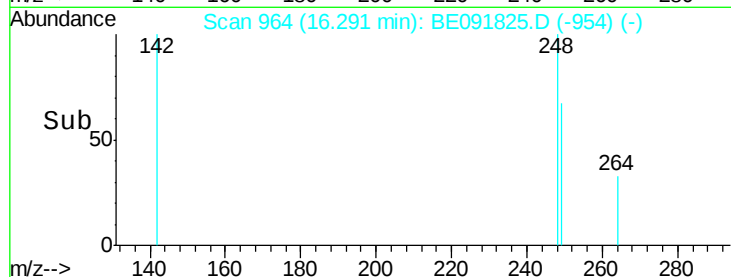
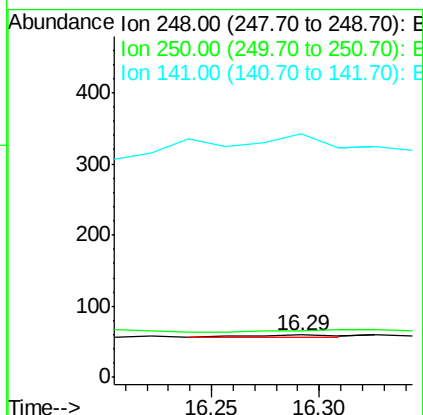
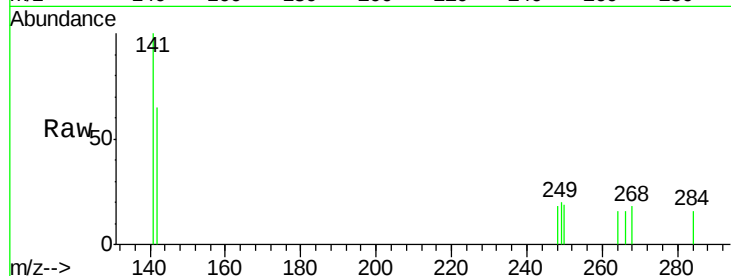




#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.29 min Scan# 964
Delta R.T. -0.03 min
Lab File: BE091825.D
Acq: 20 May 2016 00:29

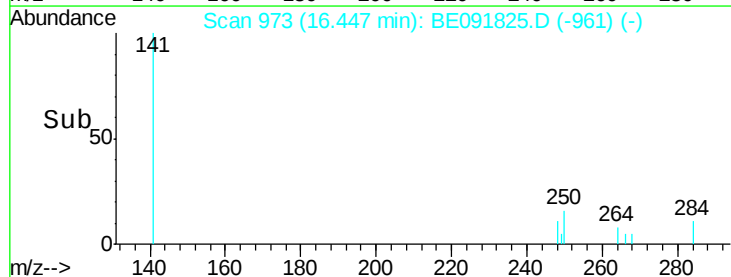
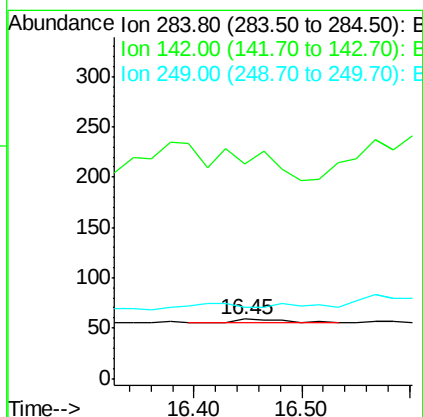
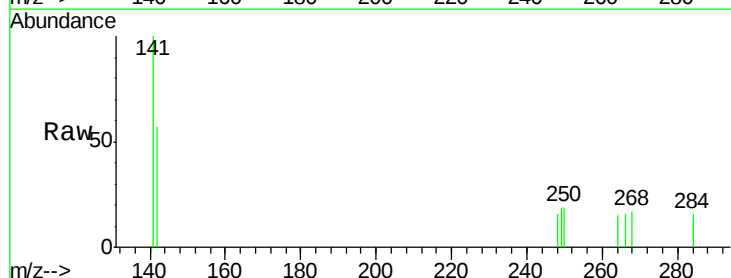
Instrument :
BNA_E
ClientSampleId :
SS043MW007-160512

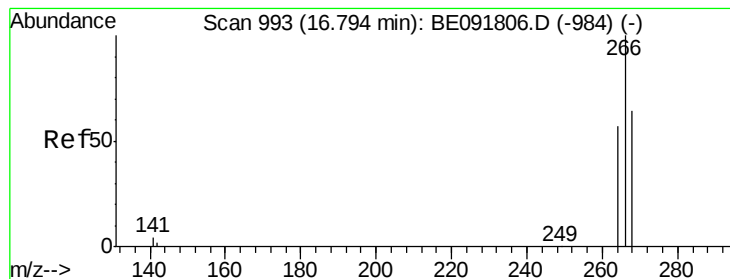
Tgt Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 250.0 80.5 120.7#
141 4000.0 72.0 108.0#



#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091825.D
Acq: 20 May 2016 00:29

Tgt Ion:284 Resp: 17
Ion Ratio Lower Upper
284 100
142 0.0 32.2 48.2#
249 0.0 25.4 38.2#





#22

Pentachlorophenol

Concen: 0.01 ng

RT: 16.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

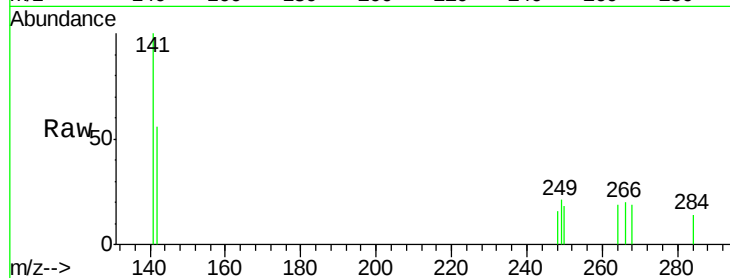
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

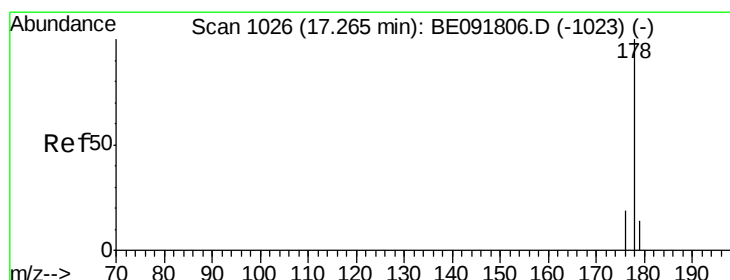
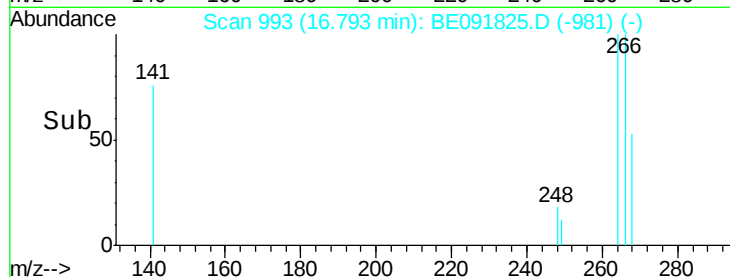
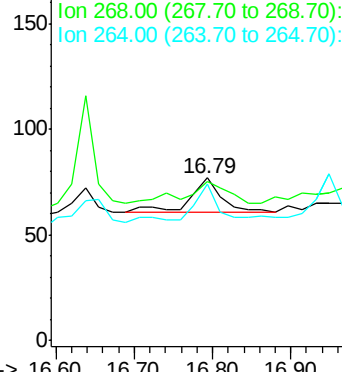
266 100

268 97.4 58.2 87.2#

264 96.1 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: 0.07 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

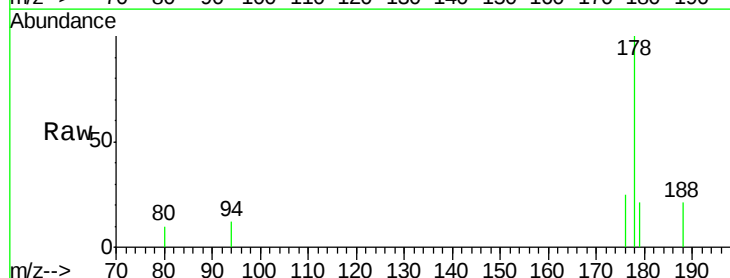
Tgt Ion:178 Resp: 6431

Ion Ratio Lower Upper

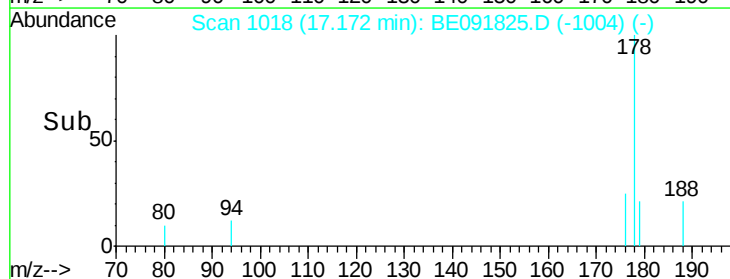
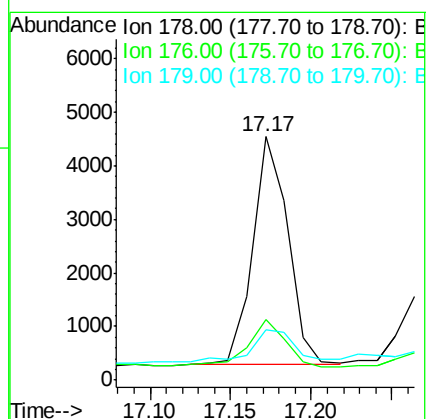
178 100

176 29.7 15.3 22.9#

179 15.8 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: 0.05 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

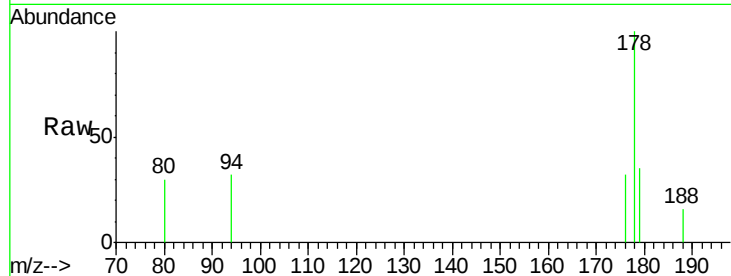
Tgt Ion:178 Resp: 2015

Ion Ratio Lower Upper

178 100

176 23.3 14.6 21.8#

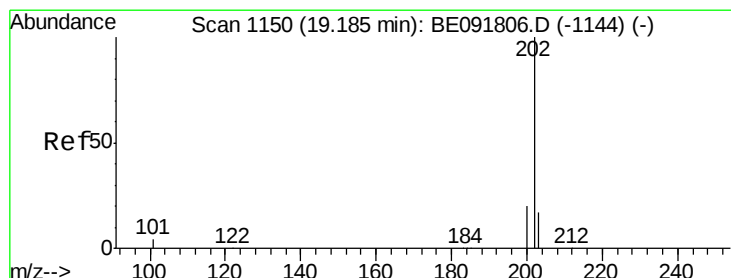
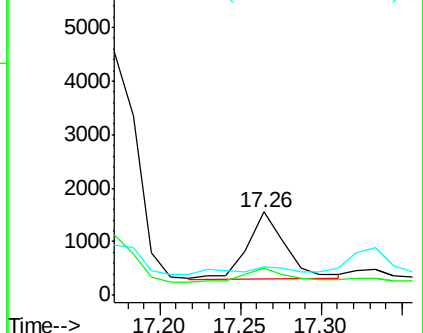
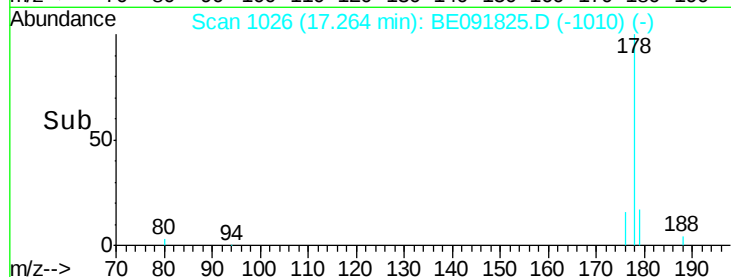
179 24.6 11.8 17.6#



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



#25

Fluoranthene

Concen: 0.06 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

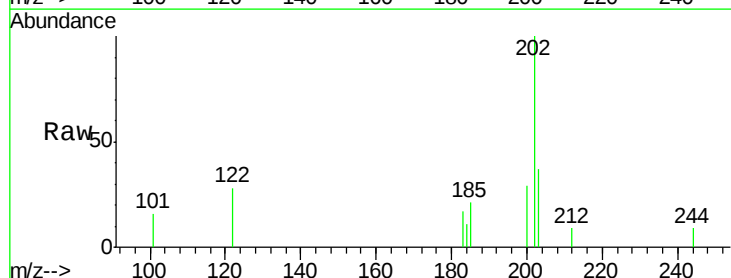
Tgt Ion:202 Resp: 3198

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.6#

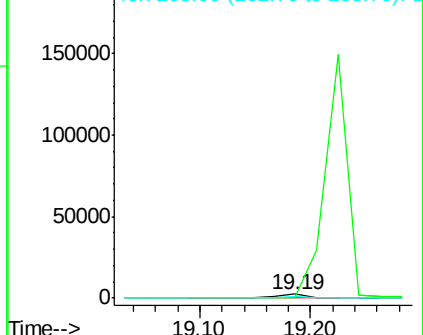
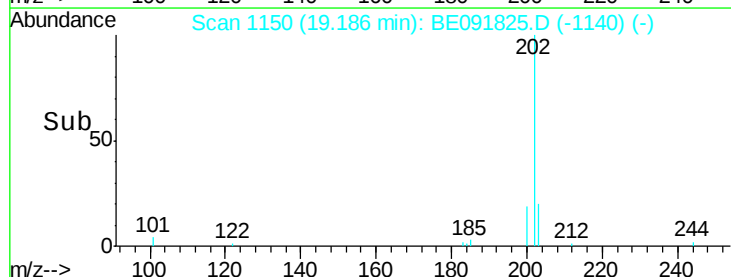
203 23.9 13.9 20.9#

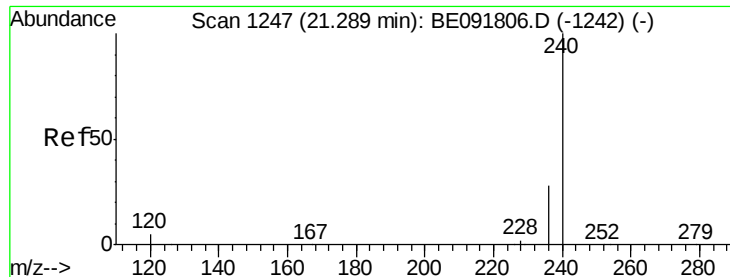


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

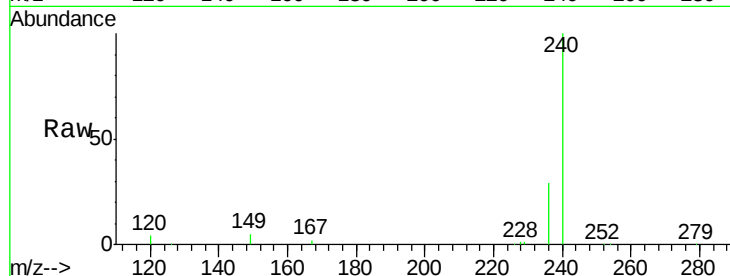
Tgt Ion:240 Resp: 252310

Ion Ratio Lower Upper

240 100

120 4.3 11.0 16.4#

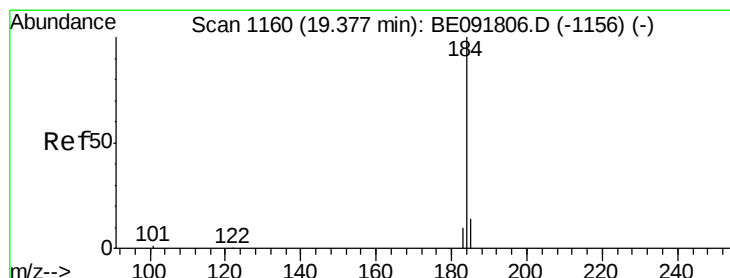
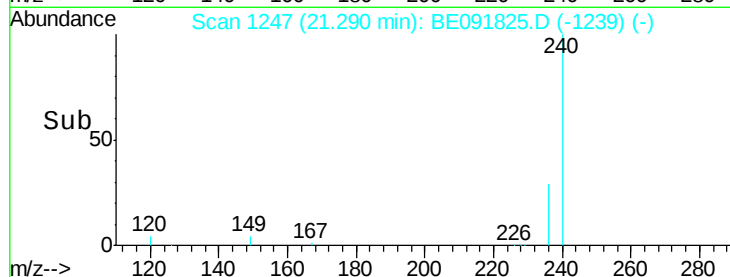
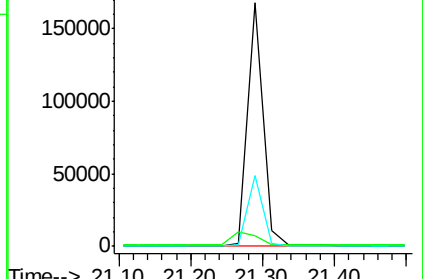
236 28.9 21.7 32.5



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: 19.32 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

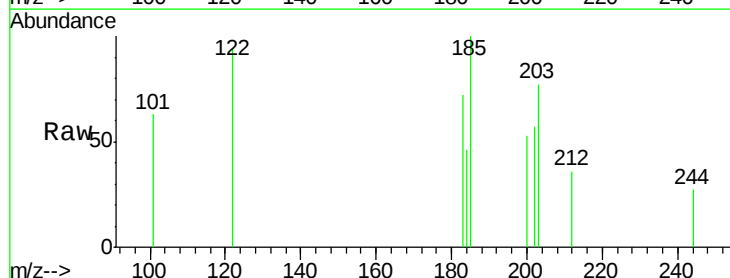
Tgt Ion:184 Resp: 326

Ion Ratio Lower Upper

184 100

185 216.4 22.3 33.5#

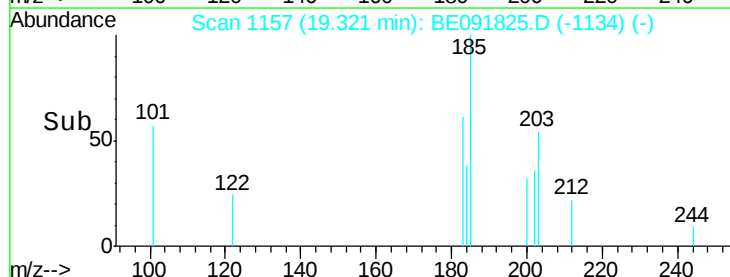
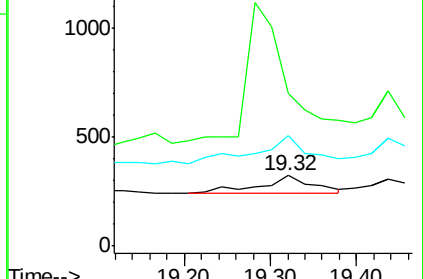
183 155.9 16.4 24.6#

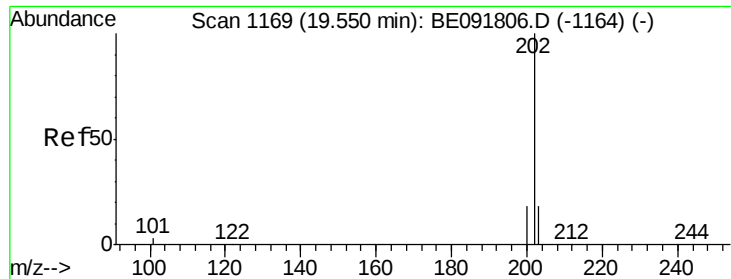


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

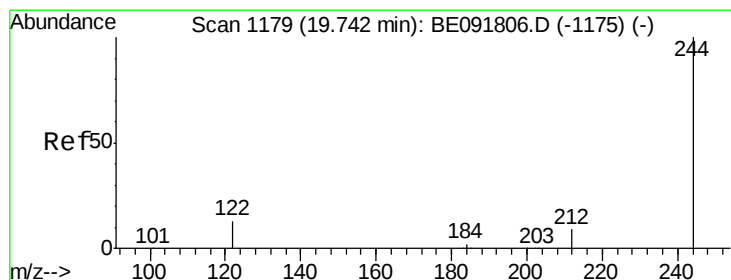
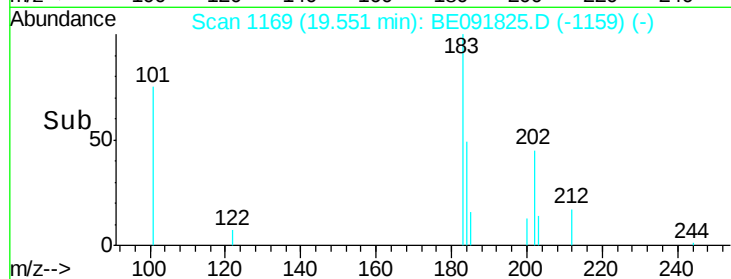
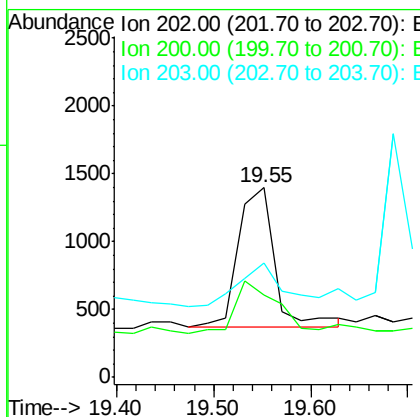
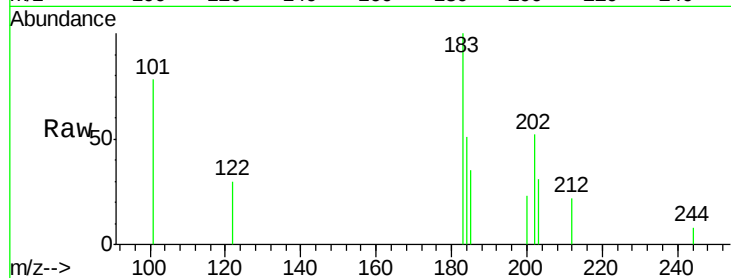




#28
 Pyrene
 Concen: 0.05 ng
 RT: 19.55 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BE091825.D
 Acq: 20 May 2016 00:29

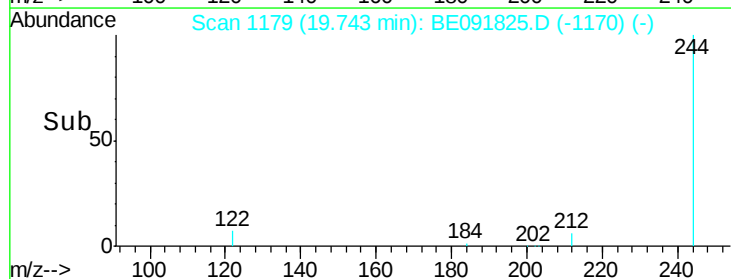
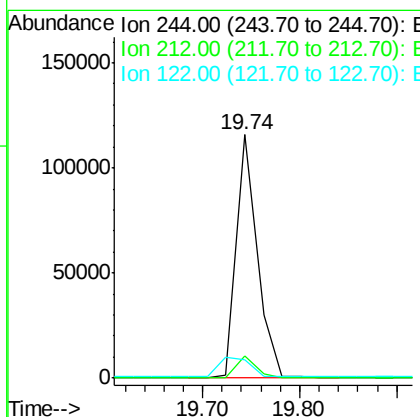
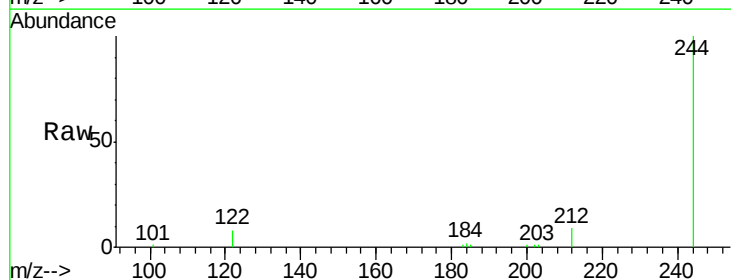
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW007-160512

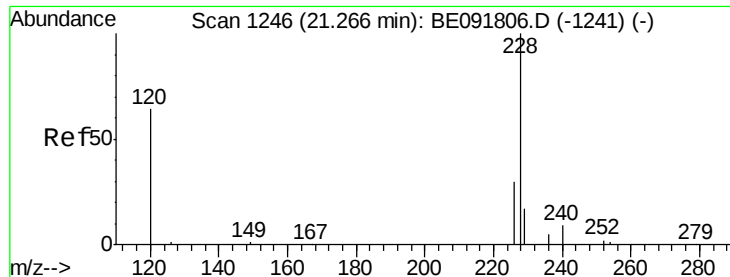
Tgt Ion: 202 Resp: 2649
 Ion Ratio Lower Upper
 202 100
 200 43.5 16.8 25.2#
 203 39.9 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 4.79 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091825.D
 Acq: 20 May 2016 00:29

Tgt Ion: 244 Resp: 171158
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 7.8 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: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

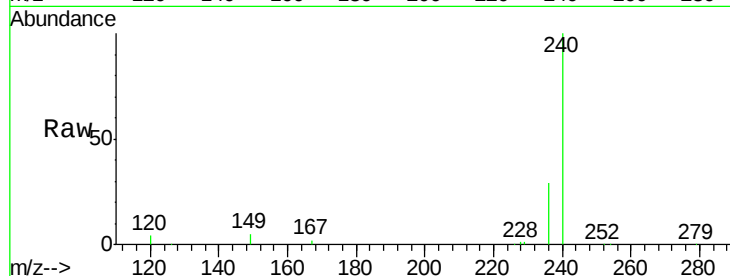
Tgt Ion: 228 Resp: 1728

Ion Ratio Lower Upper

228 100

226 55.8 21.0 31.4#

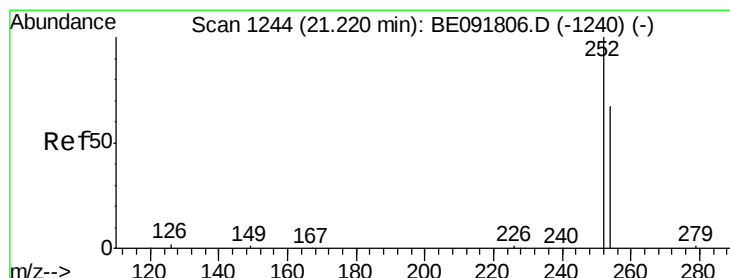
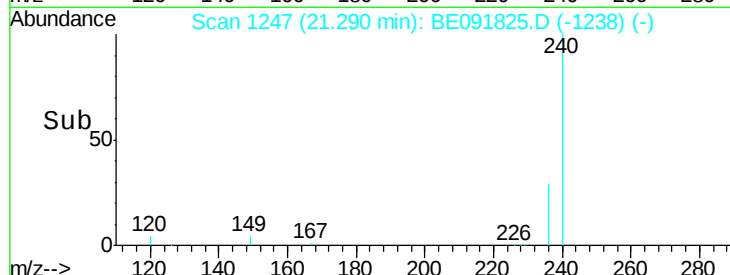
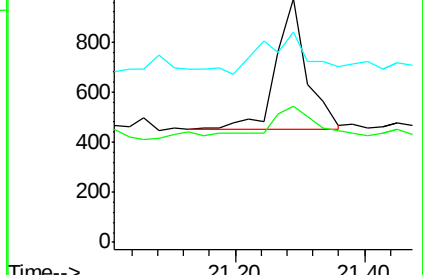
229 86.4 15.7 23.5#



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: 0.01 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

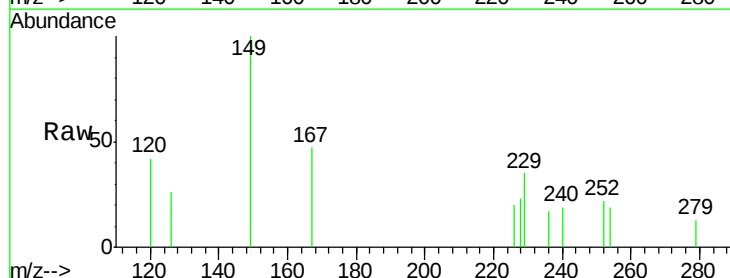
Tgt Ion: 252 Resp: 386

Ion Ratio Lower Upper

252 100

254 88.7 51.1 76.7#

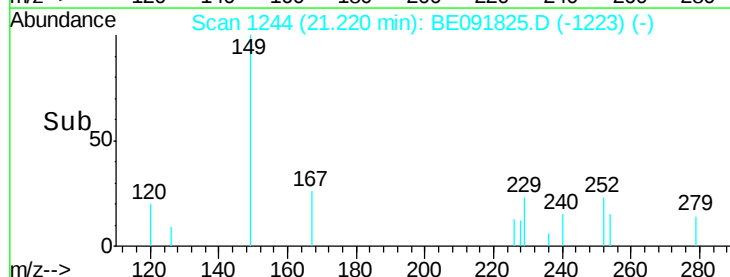
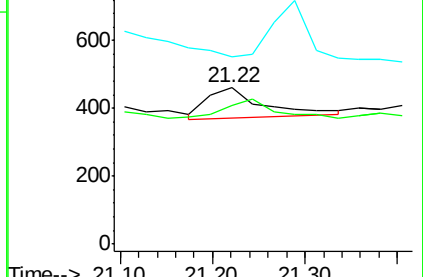
126 120.0 12.6 18.8#

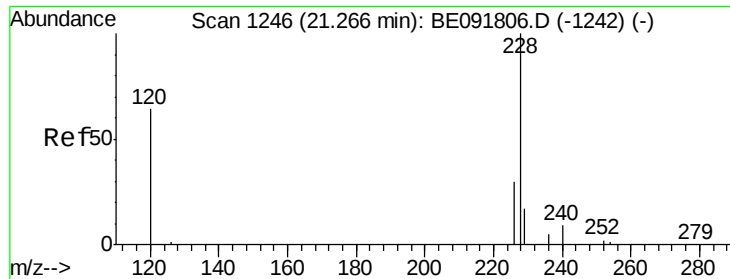


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.07 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.04 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

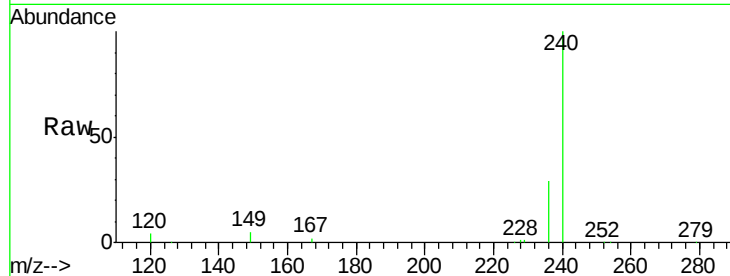
Tgt Ion:228 Resp: 1649

Ion Ratio Lower Upper

228 100

226 55.8 24.0 36.0#

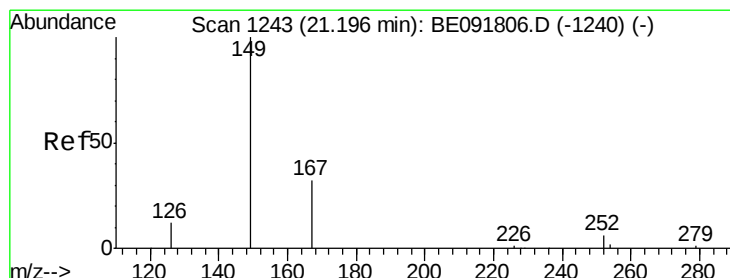
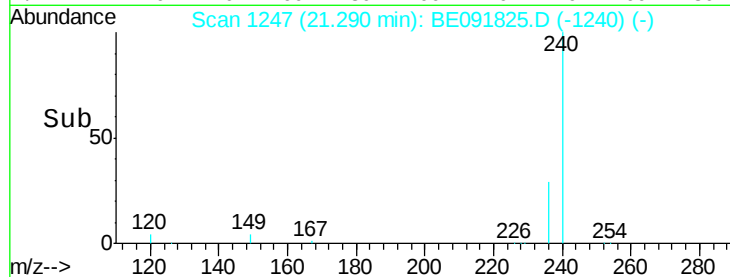
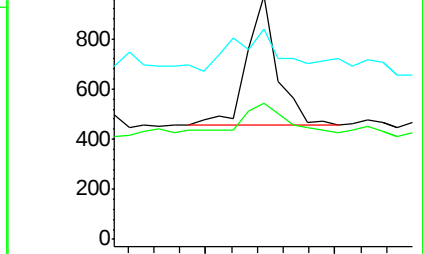
229 86.4 15.9 23.9#



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: 0.79 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.07 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

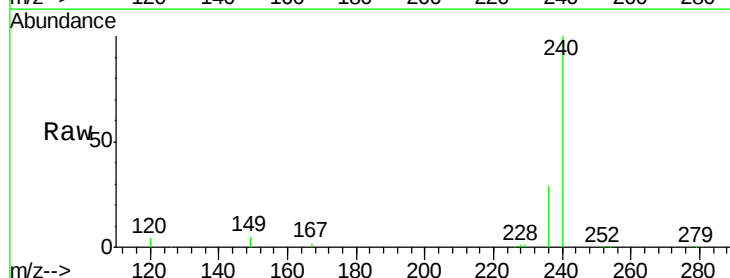
Tgt Ion:149 Resp: 19875

Ion Ratio Lower Upper

149 100

167 23.3 19.5 29.3

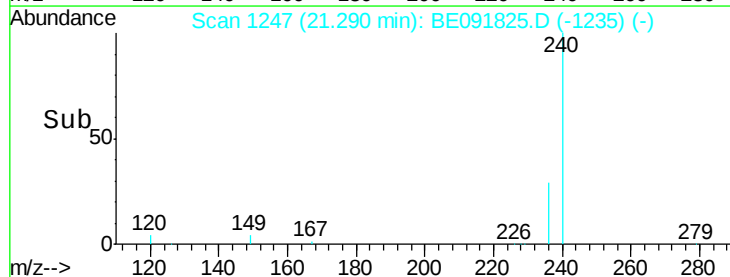
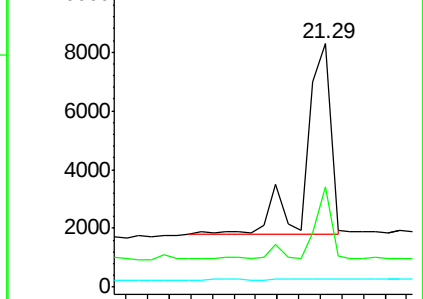
279 0.0 10.0 15.0#

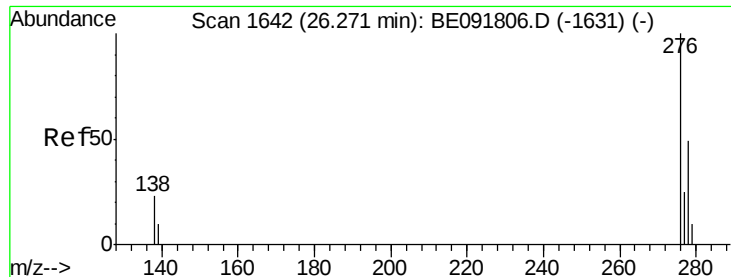


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.04 min

Lab File: BE091825.D

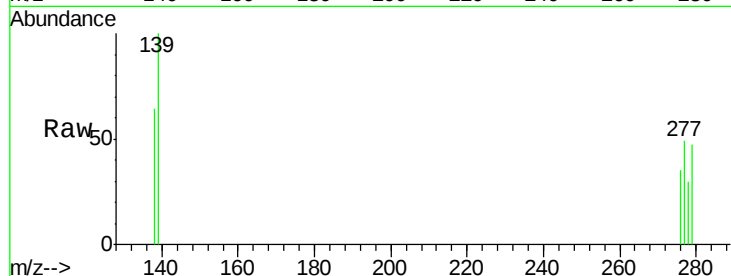
Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512



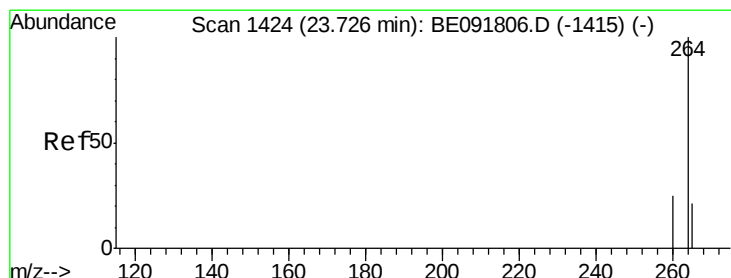
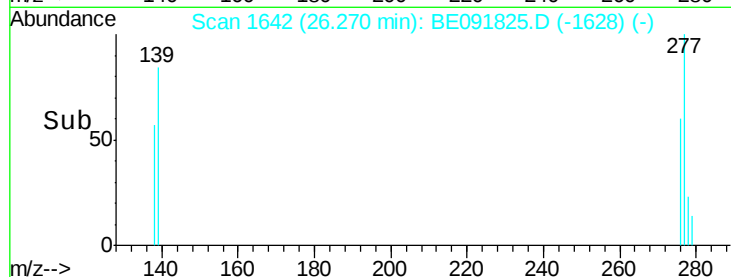
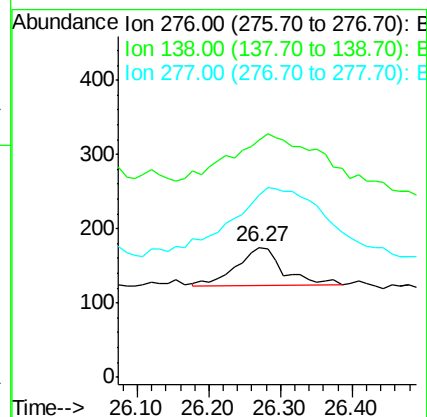
Tgt Ion: 276 Resp: 228

Ion Ratio Lower Upper

276 100

138 220.6 23.4 35.2#

277 378.1 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: BE091825.D

Acq: 20 May 2016 00:29

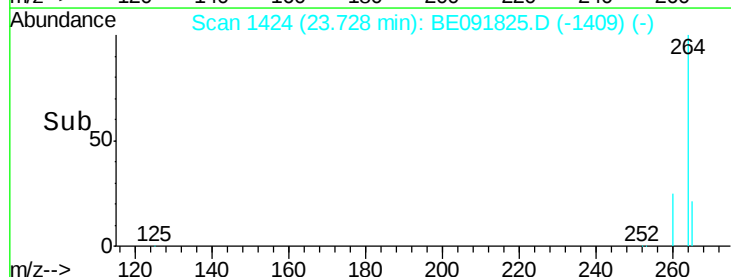
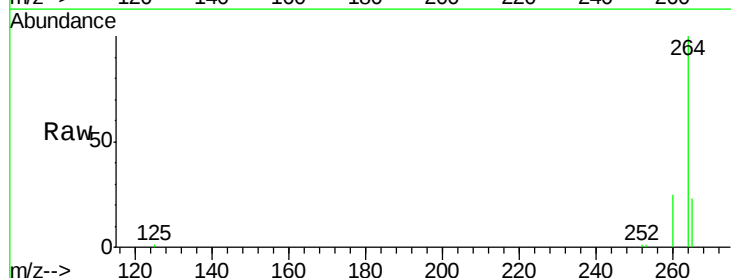
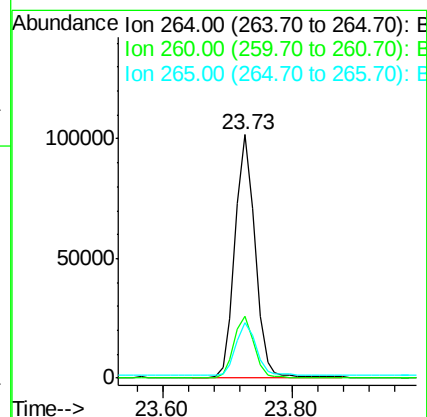
Tgt Ion: 264 Resp: 217056

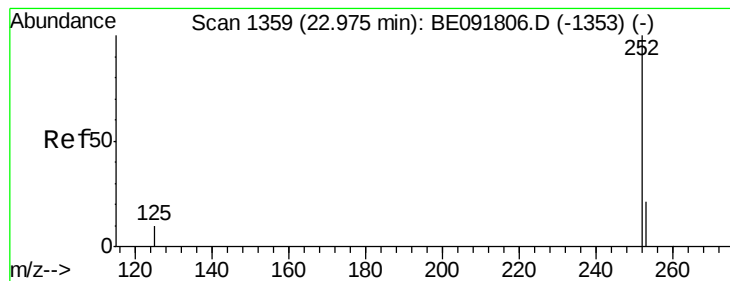
Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 22.8 17.5 26.3





#36

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.99 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

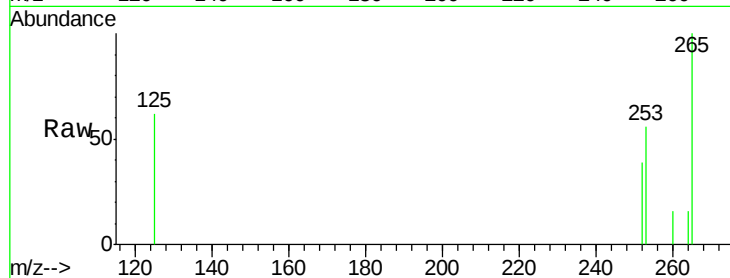
Tgt Ion:252 Resp: 656

Ion Ratio Lower Upper

252 100

253 143.4 17.4 26.0#

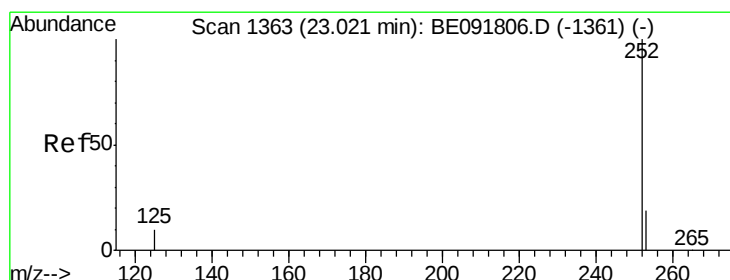
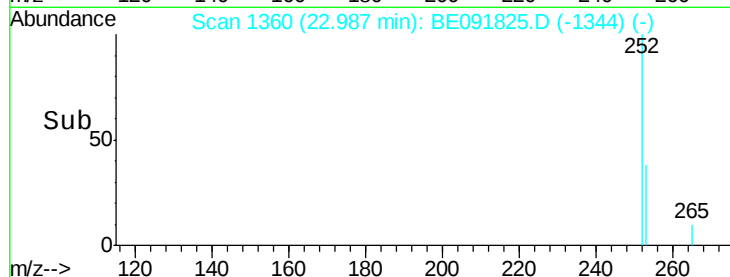
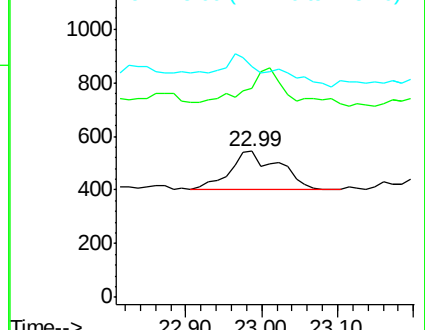
125 158.3 10.2 15.2#



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



#37

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.99 min Scan# 1360

Delta R.T. -0.06 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

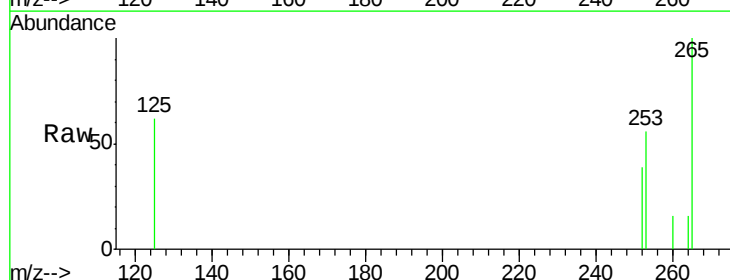
Tgt Ion:252 Resp: 656

Ion Ratio Lower Upper

252 100

253 143.4 17.6 26.4#

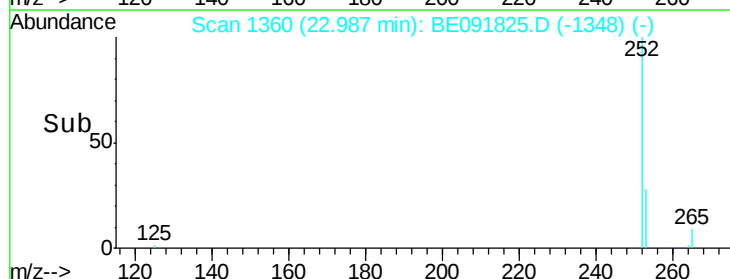
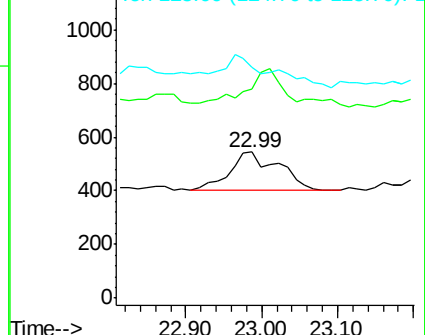
125 158.3 9.9 14.9#

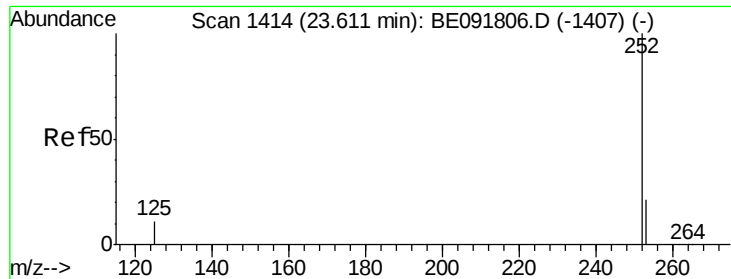


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512

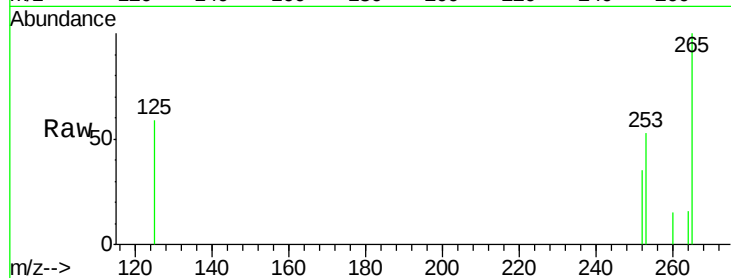
Tgt Ion:252 Resp: 205

Ion Ratio Lower Upper

252 100

253 149.7 18.1 27.1#

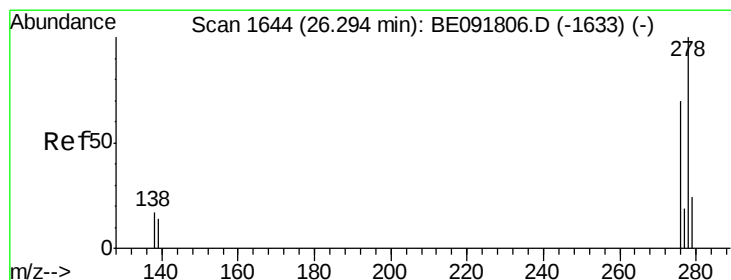
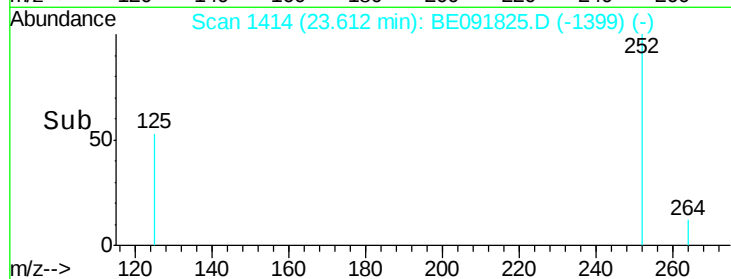
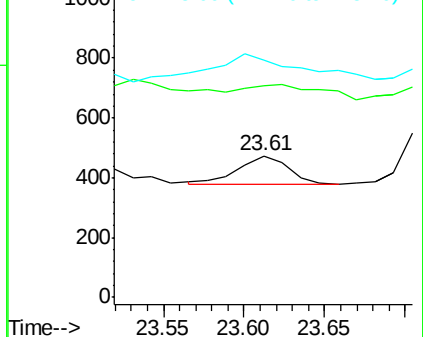
125 167.4 11.0 16.4#



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



#39

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 26.30 min Scan# 1645

Delta R.T. -0.04 min

Lab File: BE091825.D

Acq: 20 May 2016 00:29

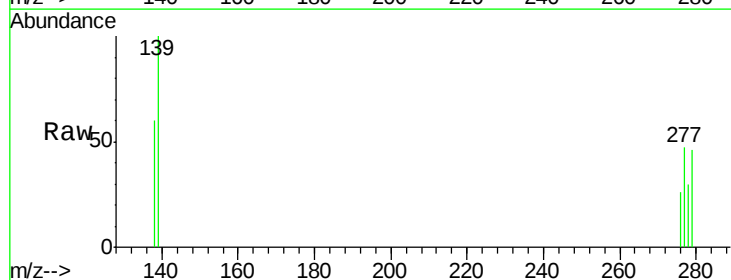
Tgt Ion:278 Resp: 357

Ion Ratio Lower Upper

278 100

139 331.3 16.0 24.0#

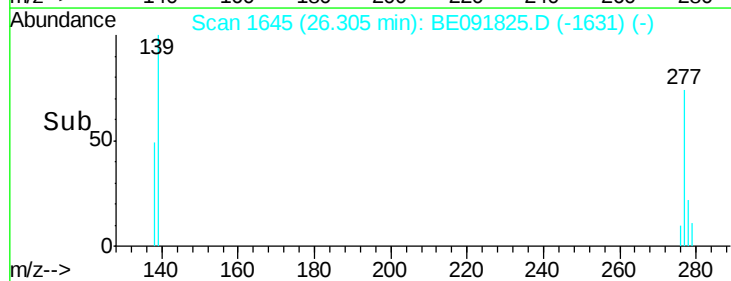
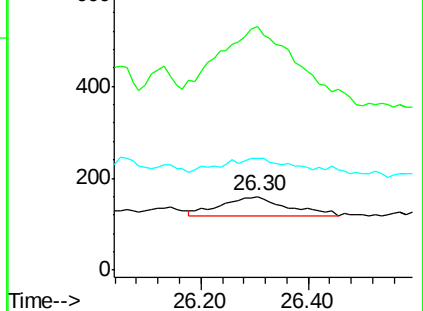
279 151.3 19.4 29.2#

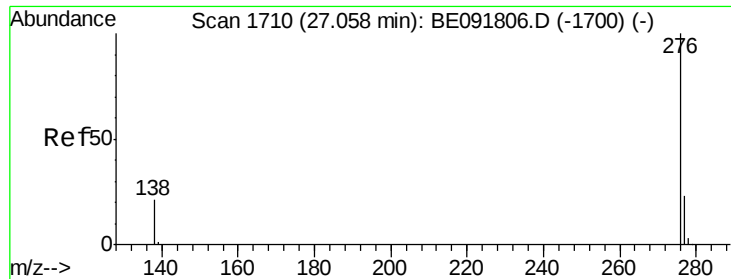


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091825.D

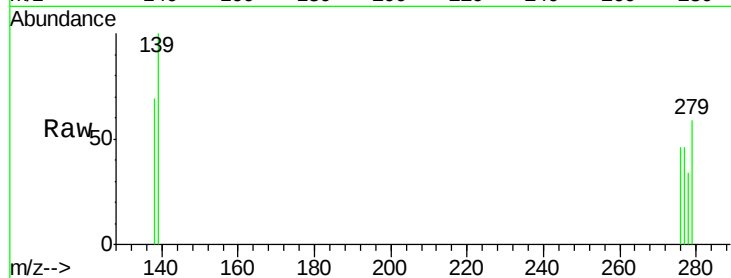
Acq: 20 May 2016 00:29

Instrument :

BNA_E

ClientSampleId :

SS043MW007-160512



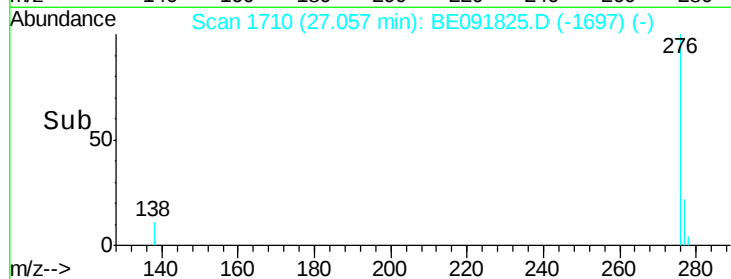
Tgt Ion: 276 Resp: 179

Ion Ratio Lower Upper

276 100

277 100.0 18.6 28.0#

138 148.4 20.4 30.6#



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

