

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091639.D
 Acq On : 11 Apr 2016 21:46
 Operator : UM/SJ
 Sample : H2248-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

Quant Time: Apr 12 01:49:25 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	40992	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	199821	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	123526	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	295651	5.00	ng	-0.01
26) Chrysene-d12	21.31	240	394133	5.00	ng	0.00
35) Perylene-d12	23.76	264	361404	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	62182	6.36	ng	0.00
5) Phenol-d6	6.97	99	96555	7.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	45705	3.94	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	33657	7.46	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	129220	3.76	ng	0.00
29) Terphenyl-d14	19.76	244	207908	4.23	ng	0.00

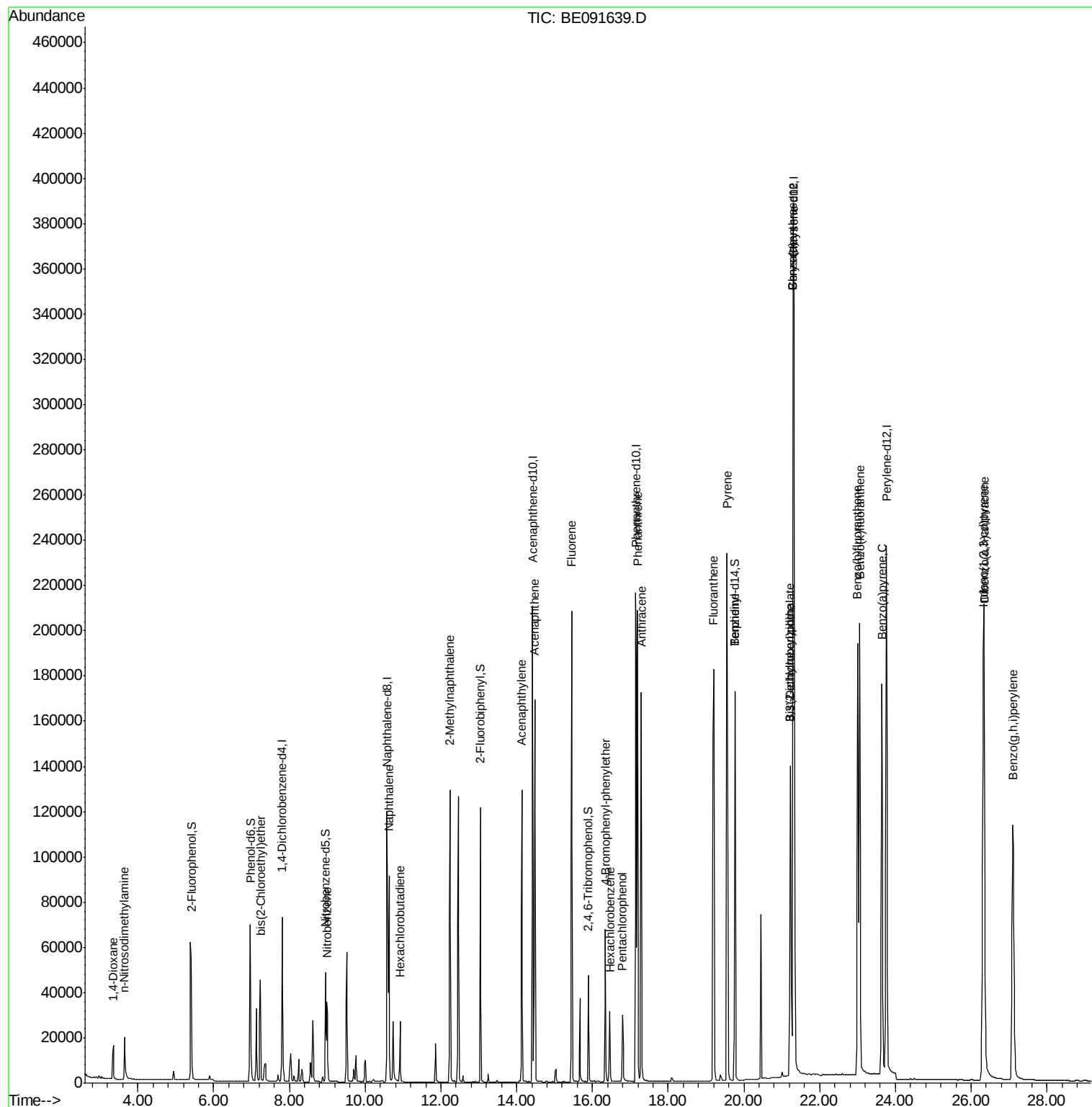
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	12374	2.72	ng	# 94
3) n-Nitrosodimethylamine	3.64	42	16599	2.64	ng	92
6) bis(2-Chloroethyl)ether	7.23	93	37014	3.27	ng	# 75
9) Nitrobenzene	8.99	77	42689	3.00	ng	94
10) Naphthalene	10.63	128	129800	3.15	ng	98
11) Hexachlorobutadiene	10.92	225	21899	3.61	ng	97
12) 2-Methylnaphthalene	12.24	142	93064	3.54	ng	99
16) Acenaphthylene	14.14	152	163079	3.40	ng	# 86
17) Acenaphthene	14.47	154	96580	3.19	ng	89
18) Fluorene	15.46	166	127855	3.38	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	36097	3.46	ng	96
21) Hexachlorobenzene	16.46	284	36270	3.35	ng	99
22) Pentachlorophenol	16.79	266	22878	4.16	ng	# 88
23) Phenanthrene	17.19	178	226583	3.36	ng	99
24) Anthracene	17.29	178	216060	3.61	ng	98
25) Fluoranthene	19.21	202	264693	3.71	ng	97
27) Benzdine	19.76	184	3245	0.41	ng	99
28) Pyrene	19.55	202	283232	3.59	ng	99
30) Benzo(a)anthracene	21.29	228	630940	7.16	ng	99
31) 3,3'-Dichlorobenzidine	21.22	252	63936	1.13	ng	# 77
32) Chrysene	21.29	228	634318	7.93	ng	95
33) Bis(2-ethylhexyl)phthalate	21.22	149	132388	2.27	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.32	276	322612	3.61	ng	96
36) Benzo(b)fluoranthene	23.00	252	318586	3.80	ng	98
37) Benzo(k)fluoranthene	23.05	252	269292	3.25	ng	98
38) Benzo(a)pyrene	23.64	252	288546	3.70	ng	98
39) Dibenzo(a,h)anthracene	26.34	278	267132	3.48	ng	96
40) Benzo(g,h,i)perylene	27.10	276	275641	3.48	ng	96

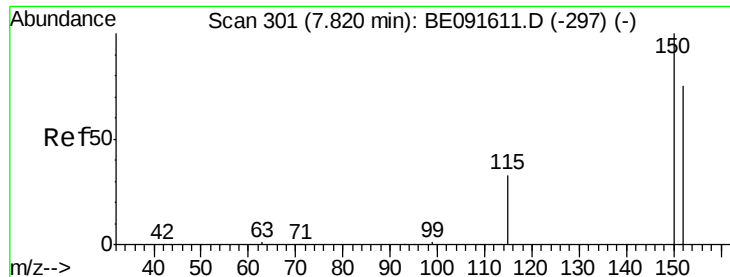
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

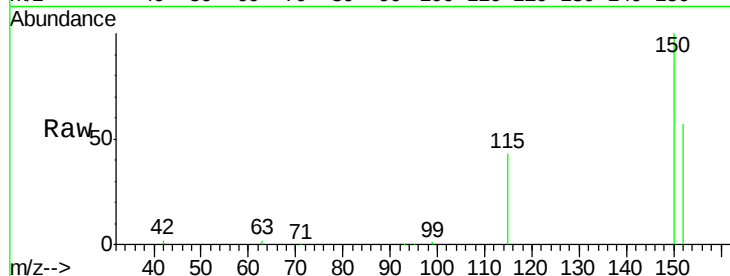
Tgt Ion:152 Resp: 40992

Ion Ratio Lower Upper

152 100

150 176.3 122.6 183.8

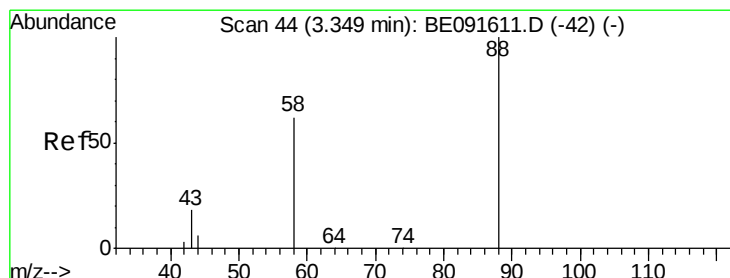
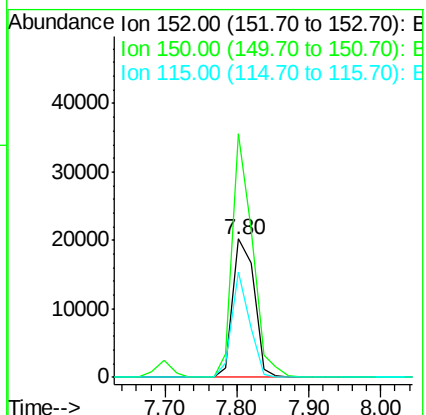
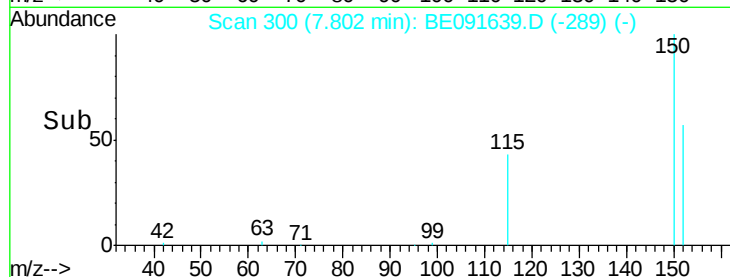
115 76.5 52.8 79.2



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: 2.72 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

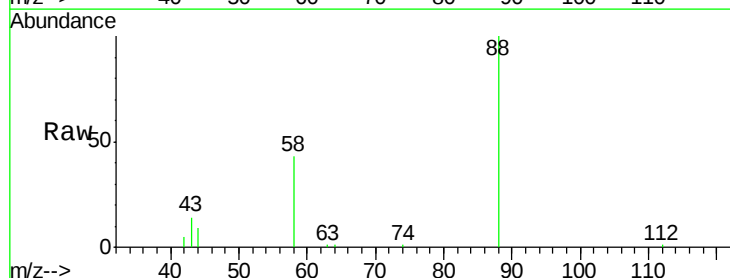
Tgt Ion: 88 Resp: 12374

Ion Ratio Lower Upper

88 100

58 85.9 65.8 98.6

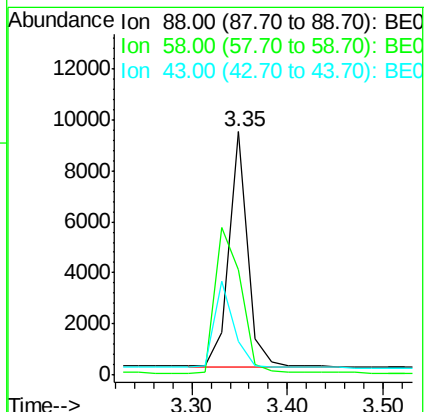
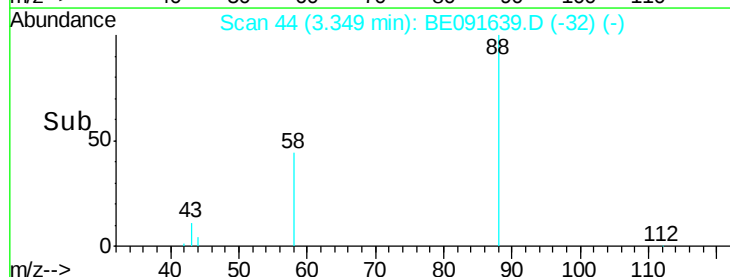
43 38.5 25.3 37.9#

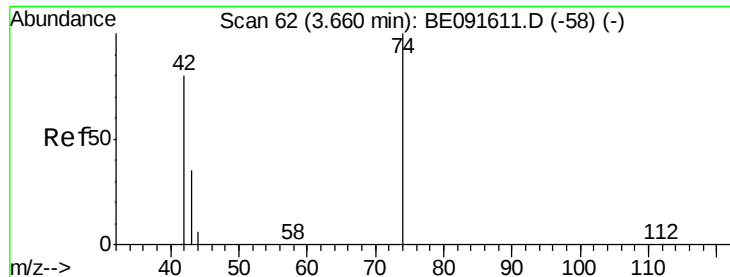


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.64 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

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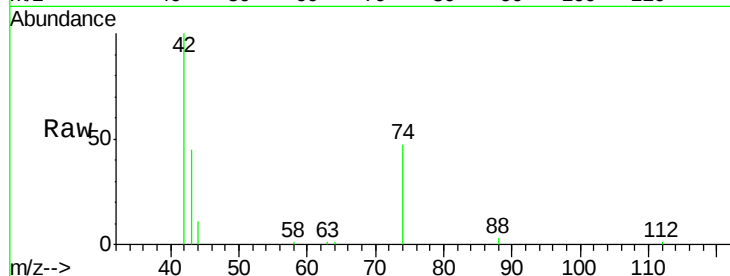
Tgt Ion: 42 Resp: 16599

Ion Ratio Lower Upper

42 100

74 101.4 87.9 131.9

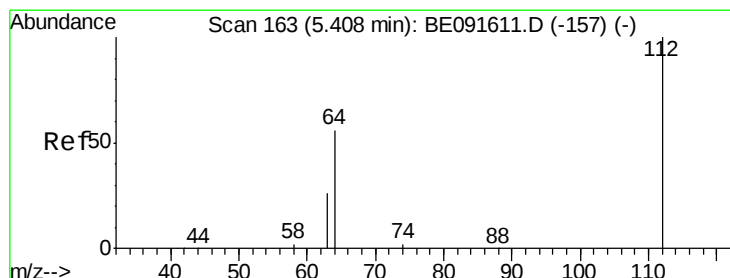
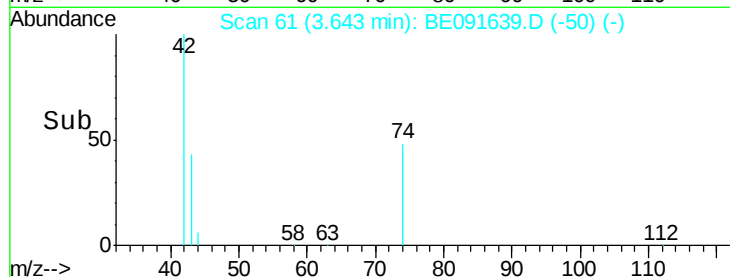
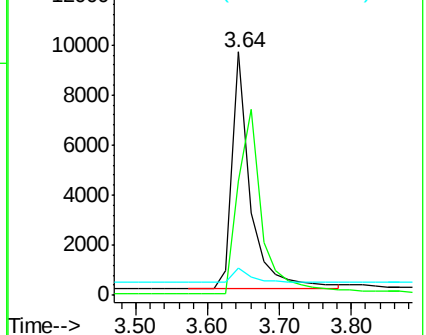
44 6.6 6.6 9.8



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: 6.36 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

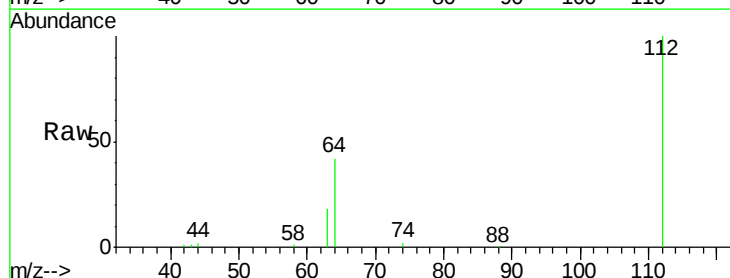
Tgt Ion: 112 Resp: 62182

Ion Ratio Lower Upper

112 100

64 69.7 30.9 46.3#

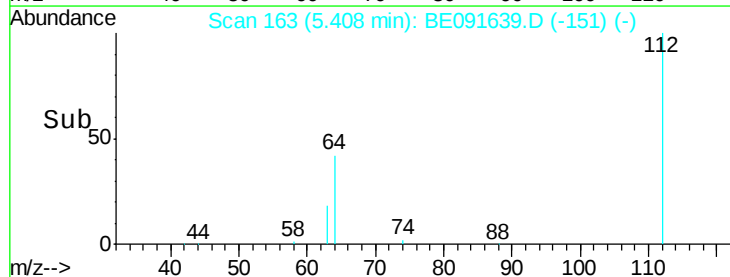
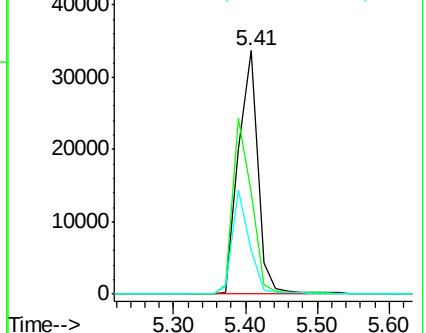
63 37.4 16.7 25.1#

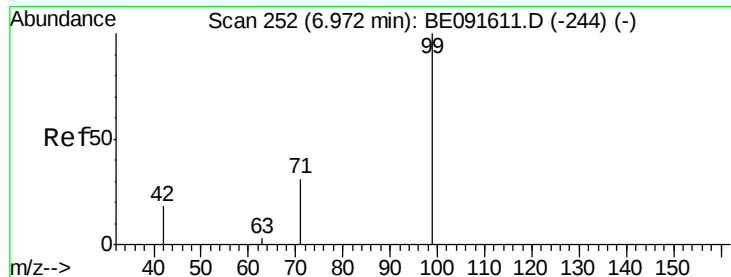


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.40 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

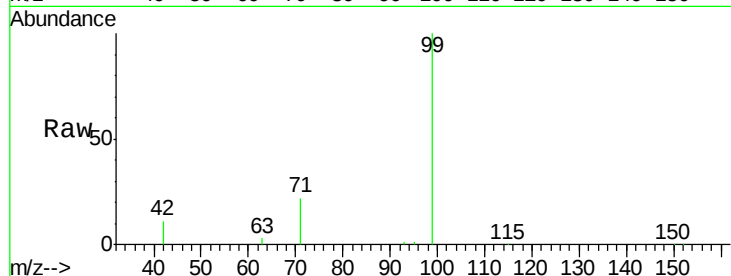
Tgt Ion: 99 Resp: 96555

Ion Ratio Lower Upper

99 100

42 25.8 16.2 24.2#

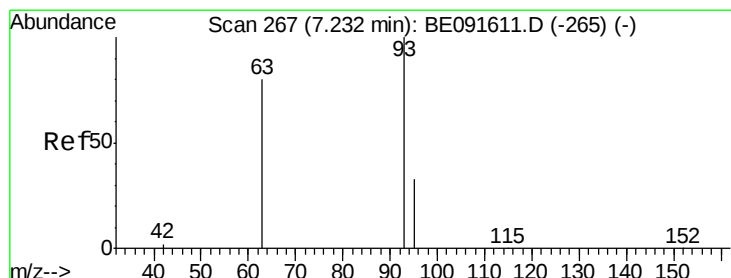
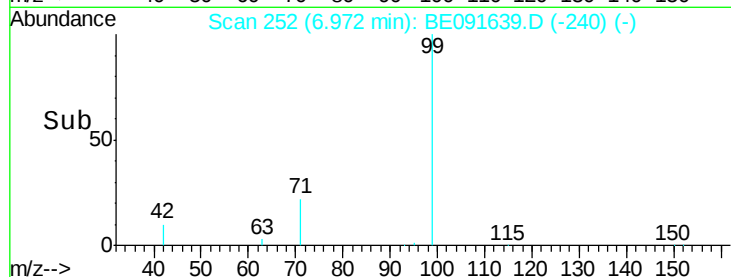
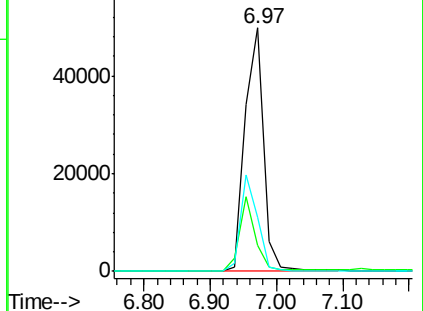
71 36.3 29.0 43.4



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: 3.27 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

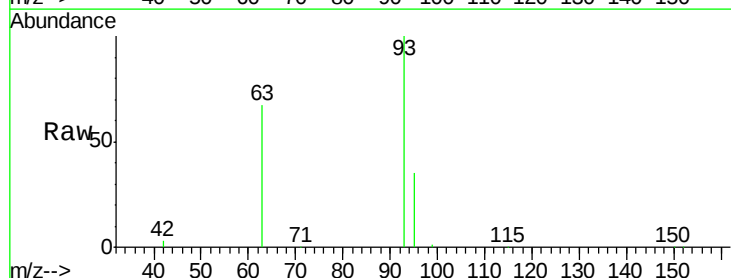
Tgt Ion: 93 Resp: 37014

Ion Ratio Lower Upper

93 100

63 86.2 49.5 74.3#

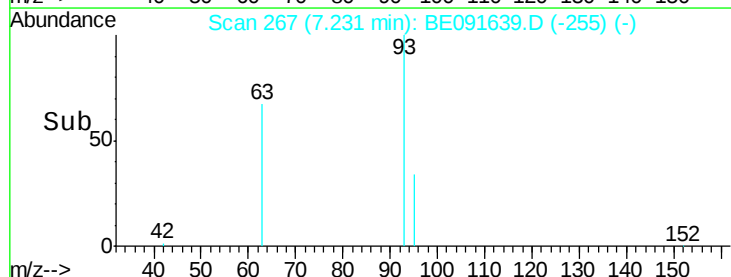
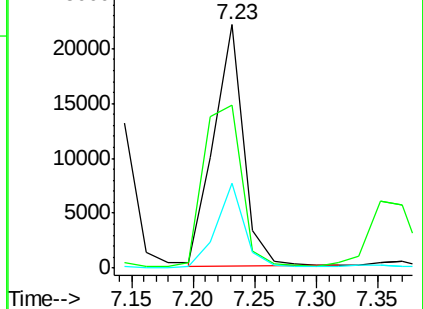
95 32.6 22.2 33.4

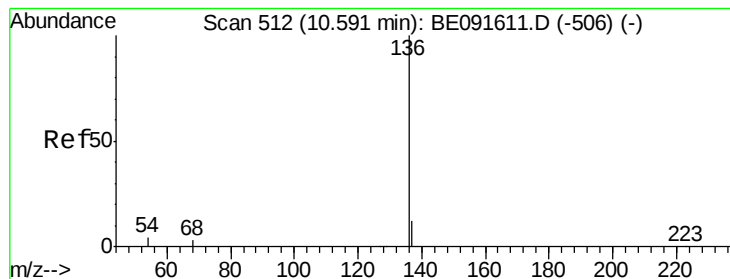


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

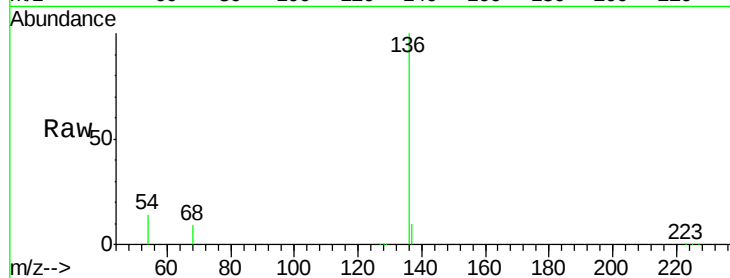
Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

Tgt Ion:	136	Resp:	199821
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.9	13.3
54	13.7	8.2	12.4#
68	9.2	6.2	9.4

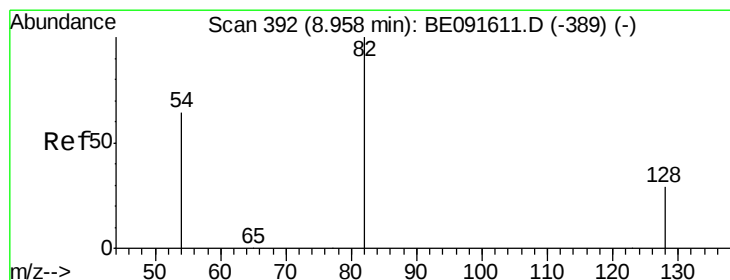
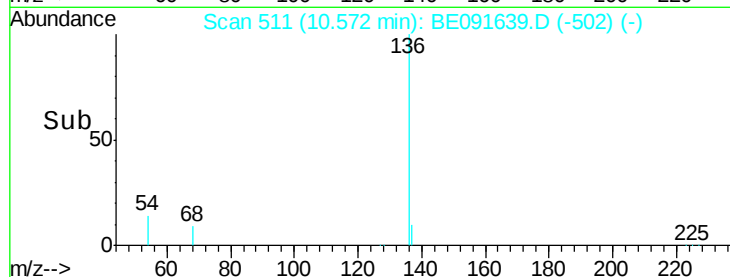
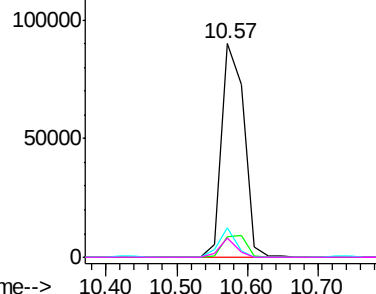


Abundance Ion 136.00 (135.70 to 136.70): BE091639.D (-502) (-)

Ion 137.00 (136.70 to 137.70): BE091639.D (-502) (-)

Ion 54.00 (53.70 to 54.70): BE091639.D (-502) (-)

Ion 68.00 (67.70 to 68.70): BE091639.D (-502) (-)



#8

Nitrobenzene-d5

Concen: 3.94 ng

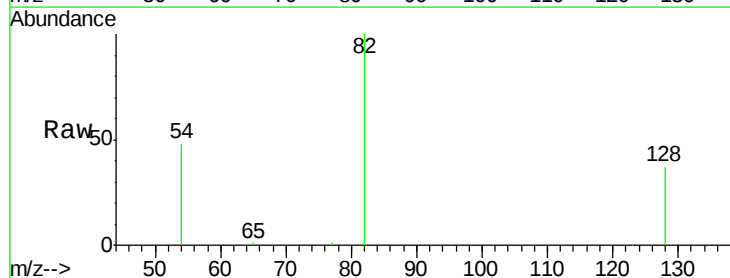
RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

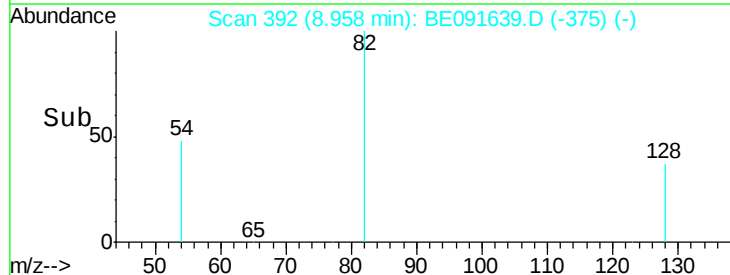
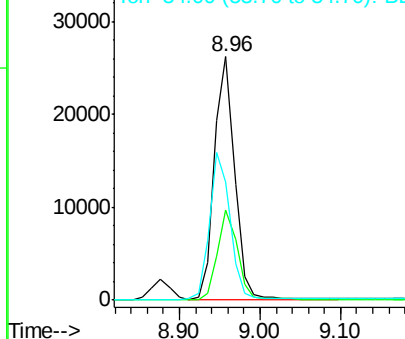
Tgt Ion:	82	Resp:	45705
Ion Ratio	Lower	Upper	
82	100		
128	36.9	25.4	38.0
54	48.4	48.4	72.6

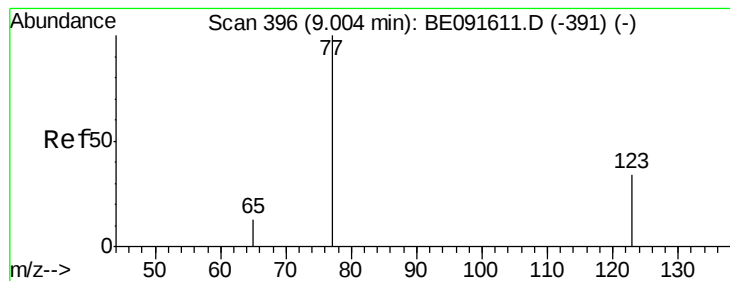


Abundance Ion 82.00 (81.70 to 82.70): BE091639.D (-375) (-)

Ion 128.00 (127.70 to 128.70): BE091639.D (-375) (-)

Ion 54.00 (53.70 to 54.70): BE091639.D (-375) (-)





#9

Nitrobenzene

Concen: 3.00 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

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ClientSampleId :

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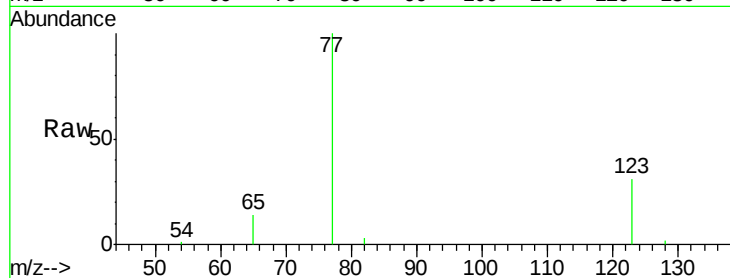
Tgt Ion: 77 Resp: 42689

Ion Ratio Lower Upper

77 100

123 37.2 26.9 40.3

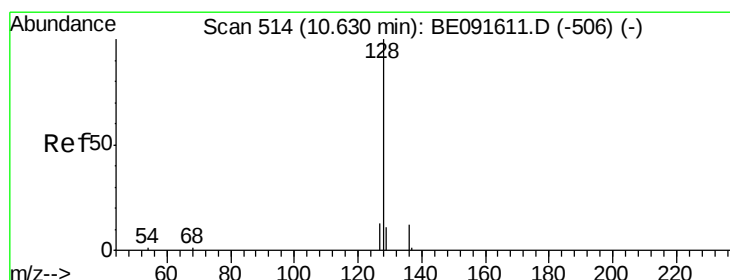
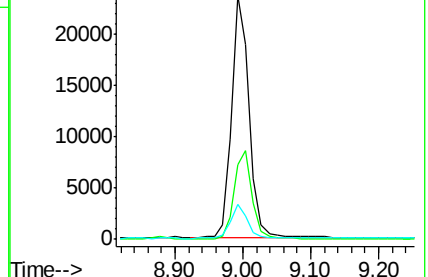
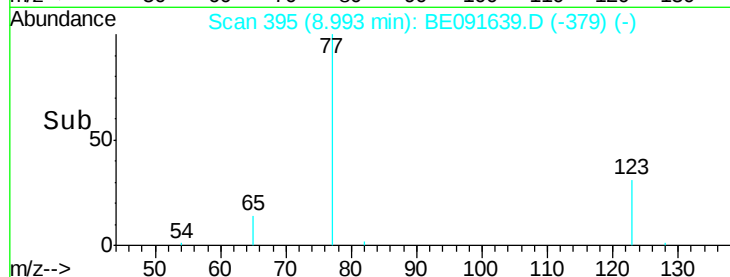
65 13.9 9.4 14.2



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



#10

Naphthalene

Concen: 3.15 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

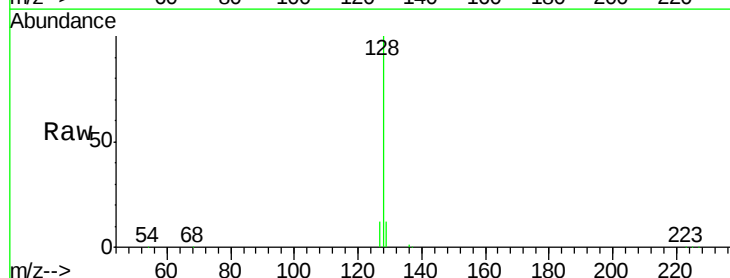
Tgt Ion: 128 Resp: 129800

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

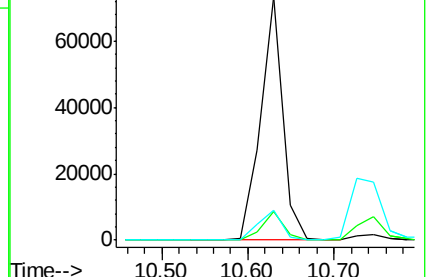
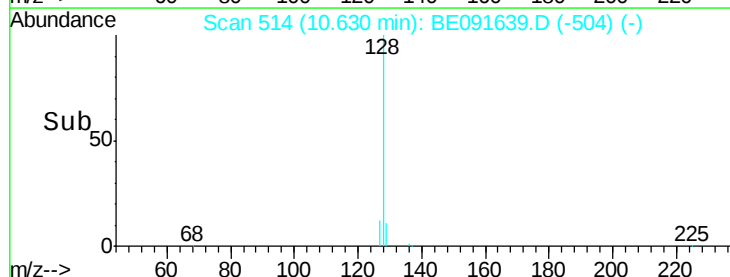
127 12.0 10.7 16.1

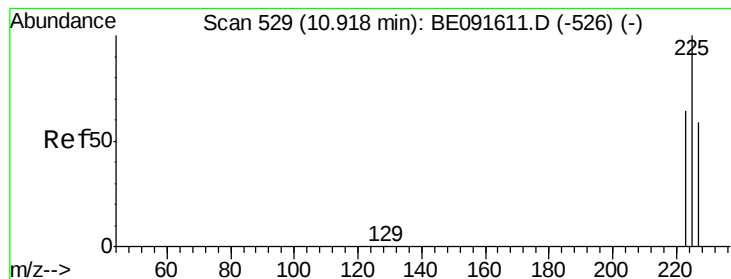


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

Hexachlorobutadiene

Concen: 3.61 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

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ClientSampleId :

TILCONMHDGA005MSD

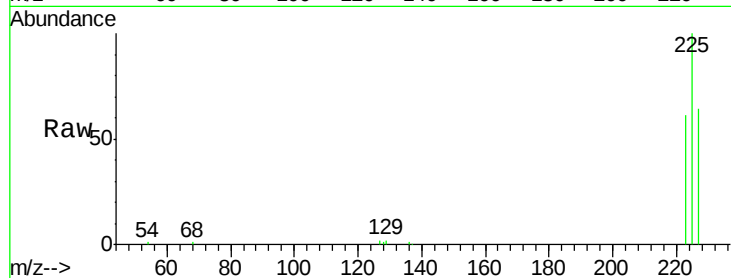
Tgt Ion: 225 Resp: 21899

Ion Ratio Lower Upper

225 100

223 64.0 49.0 73.6

227 64.6 50.3 75.5

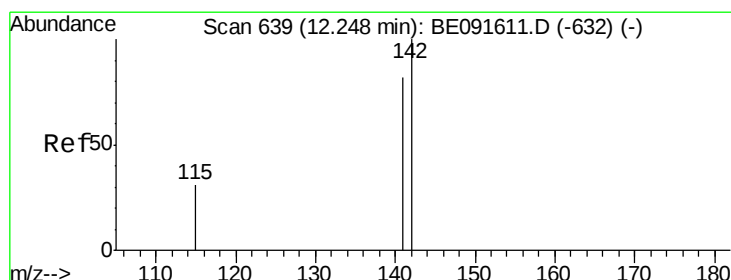
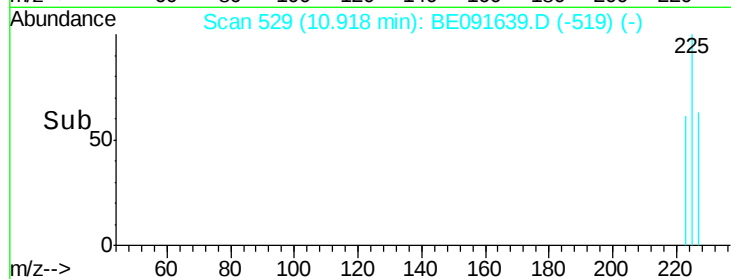
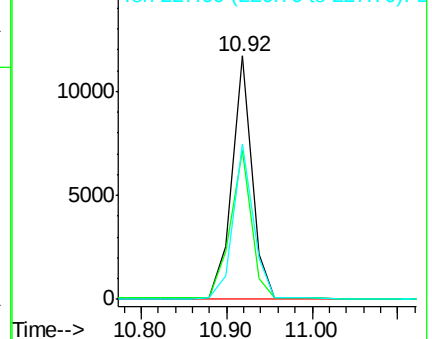


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 3.54 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

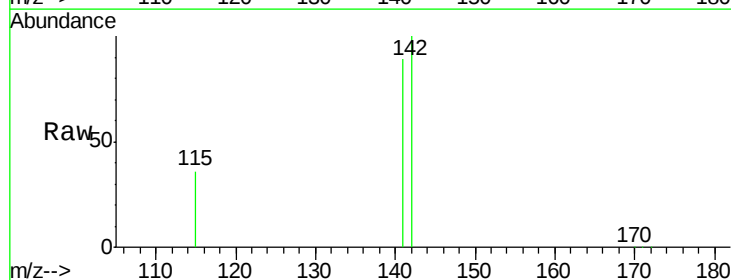
Tgt Ion: 142 Resp: 93064

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.0

115 35.9 30.3 45.5

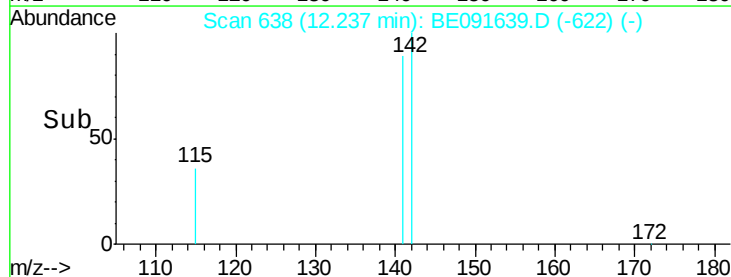
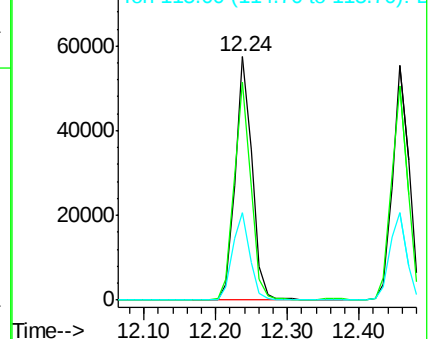


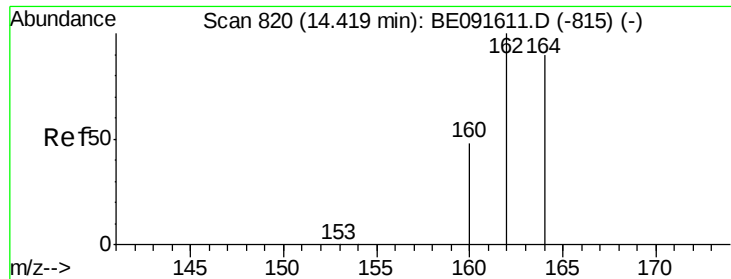
Abundance

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

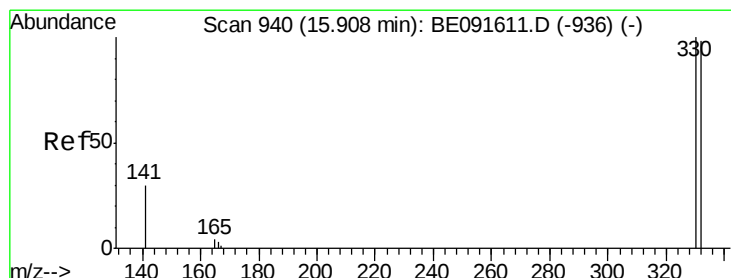
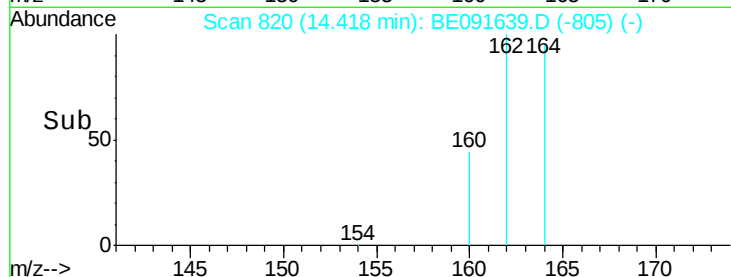
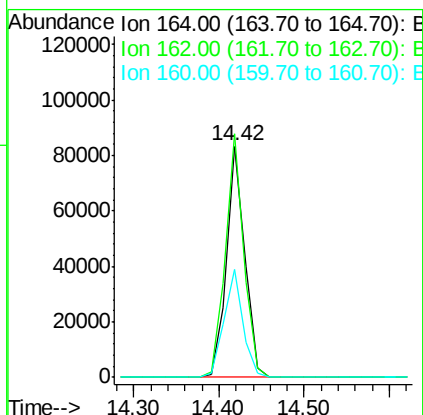
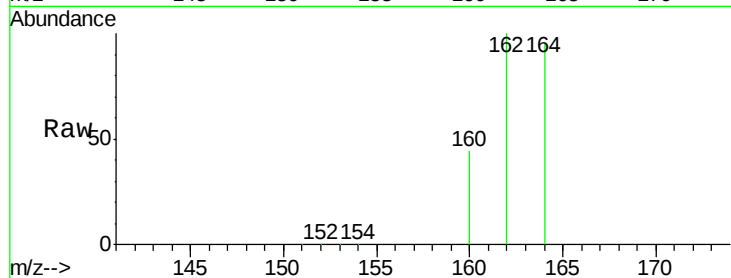




#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

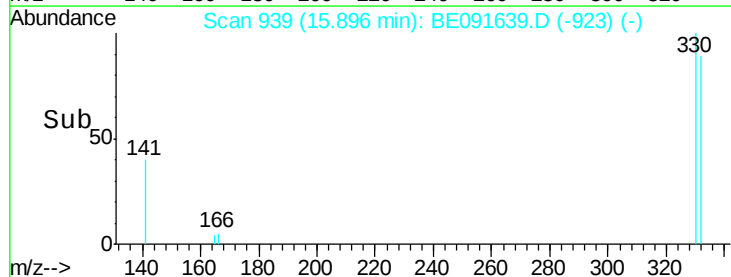
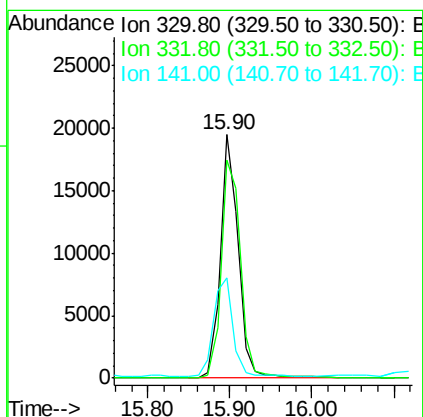
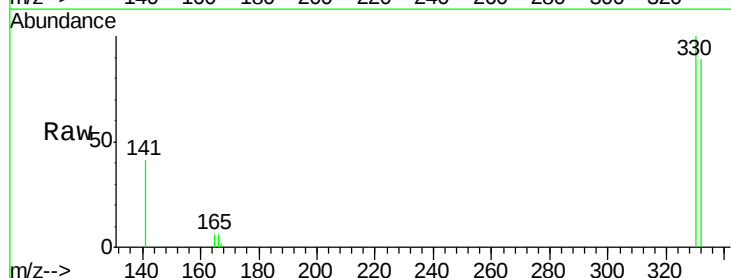
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

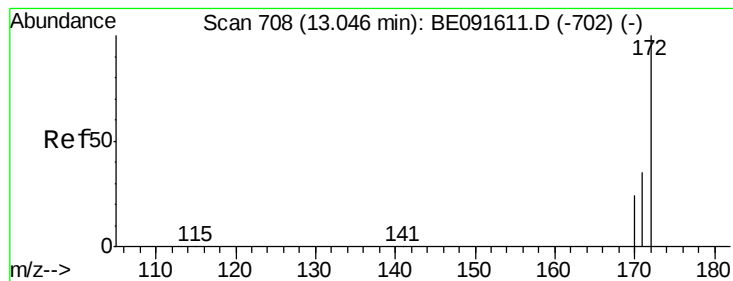
Tgt Ion:164 Resp: 123526
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.3 127.9
 160 46.5 46.2 69.2



#14
 2,4,6-Tribromophenol
 Concen: 7.46 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion:330 Resp: 33657
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.1 118.7
 141 38.8 125.4 188.0#

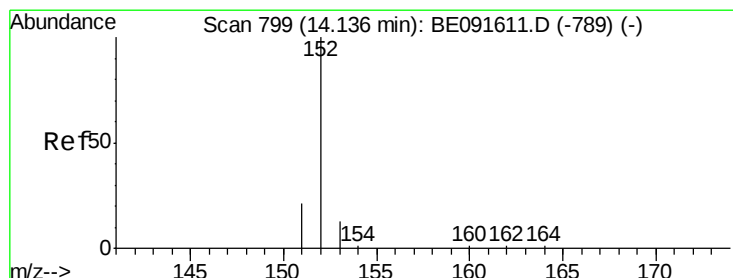
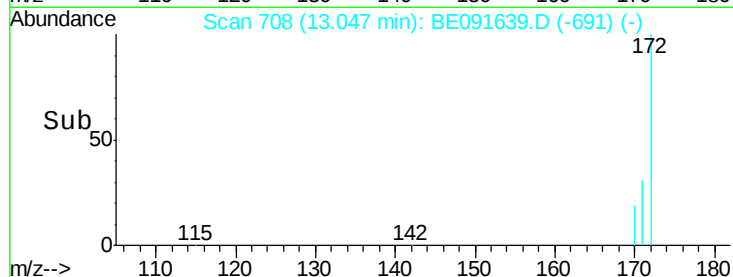
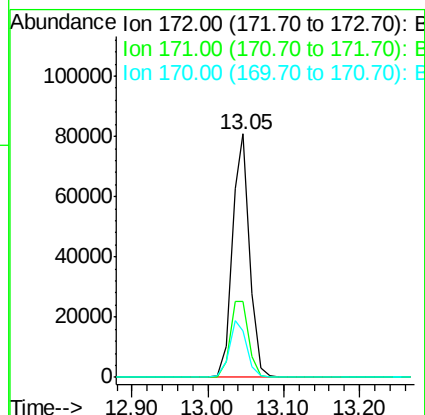
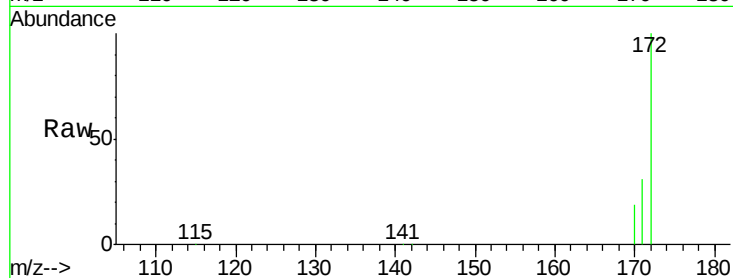




#15
2-Fluorobiphenyl
Concen: 3.76 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

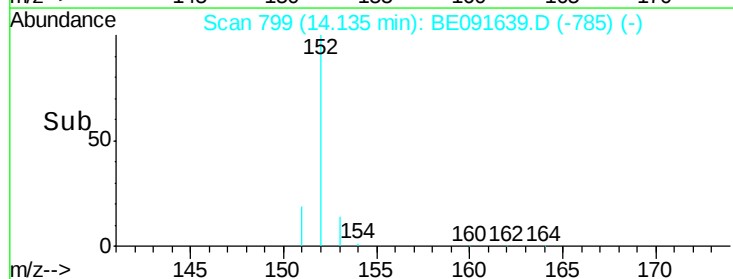
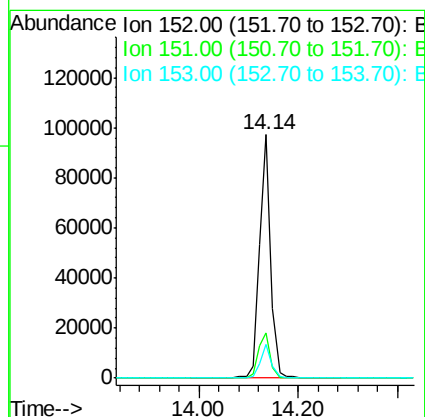
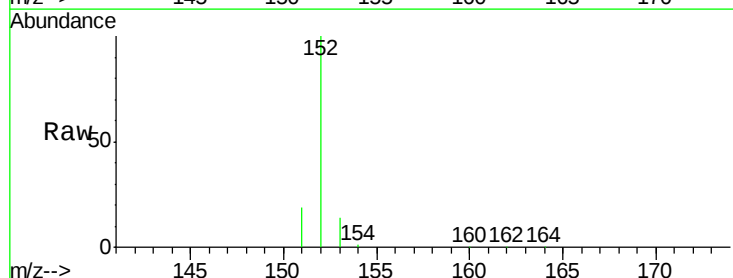
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

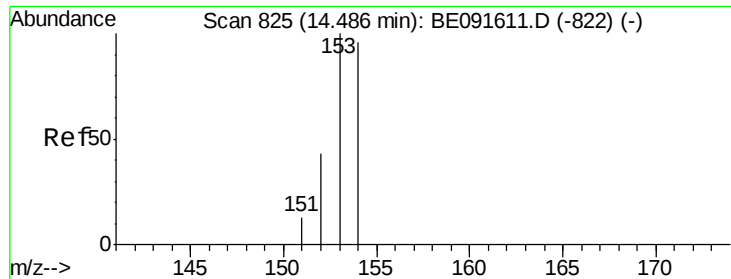
Tgt Ion:172 Resp: 129220
Ion Ratio Lower Upper
172 100
171 31.1 28.8 43.2
170 18.9 19.3 28.9#



#16
Acenaphthylene
Concen: 3.40 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion:152 Resp: 163079
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.7 10.3 15.5

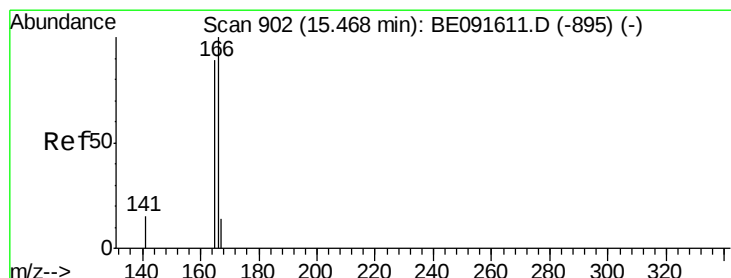
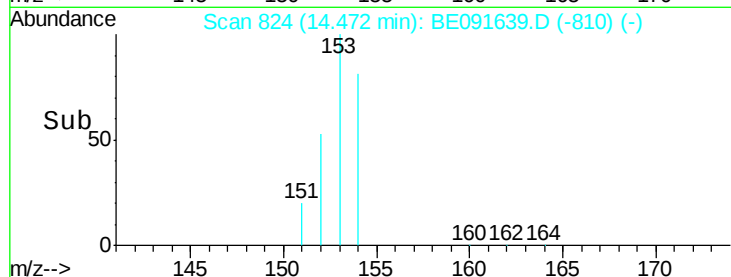
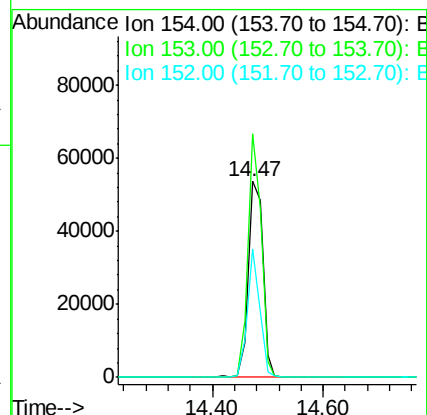
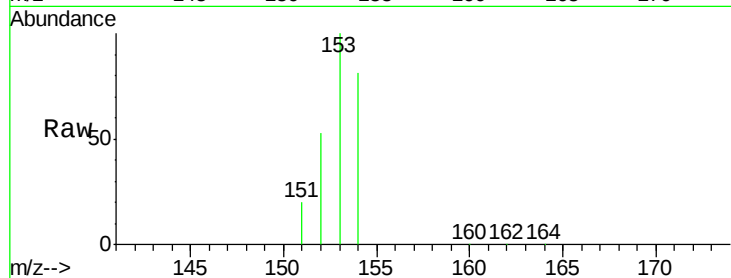




#17
Acenaphthene
Concen: 3.19 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

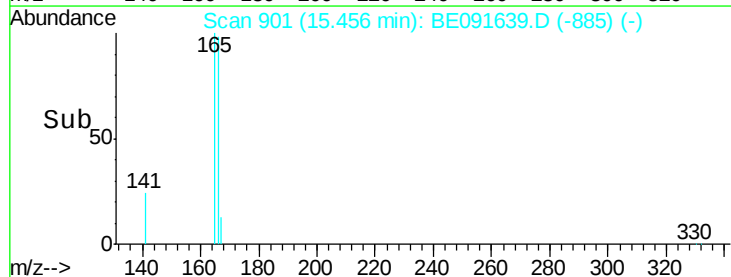
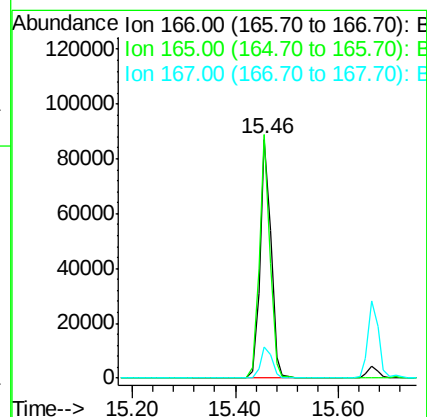
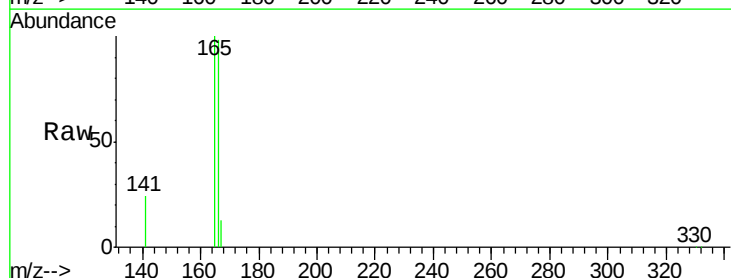
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

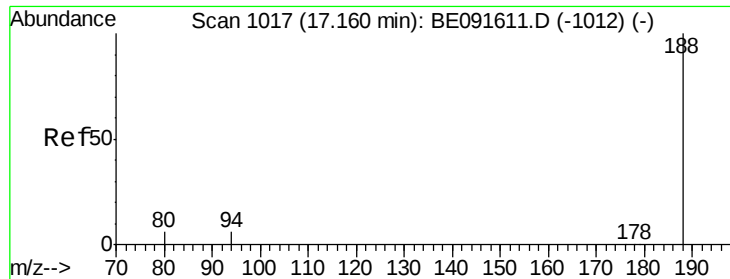
Tgt Ion:154 Resp: 96580
Ion Ratio Lower Upper
154 100
153 112.3 80.0 120.0
152 54.9 40.0 60.0



#18
Fluorene
Concen: 3.38 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion:166 Resp: 127855
Ion Ratio Lower Upper
166 100
165 98.4 80.8 121.2
167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

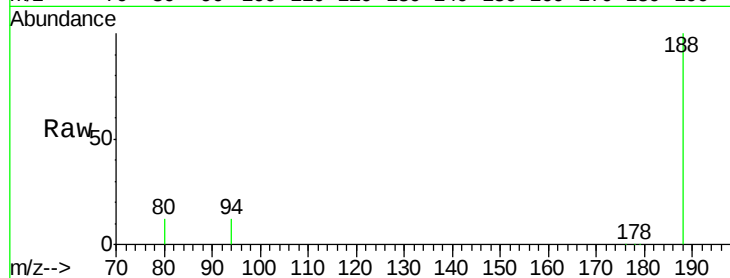
Tgt Ion:188 Resp: 295651

Ion Ratio Lower Upper

188 100

94 11.9 8.7 13.1

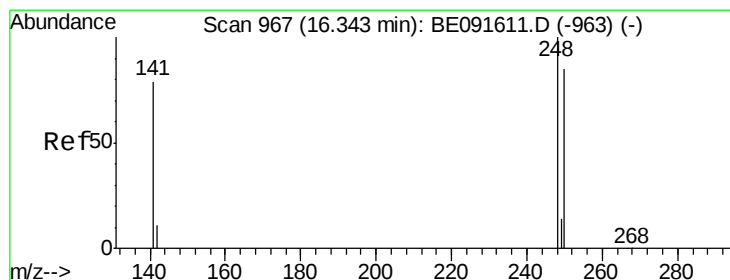
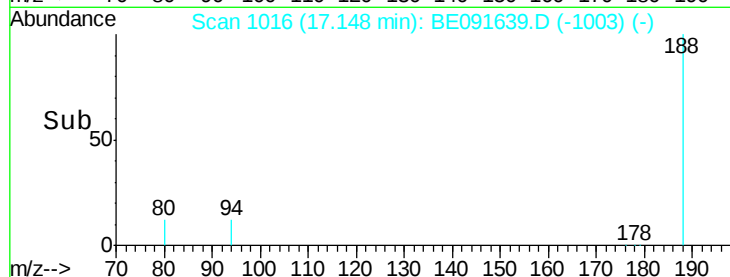
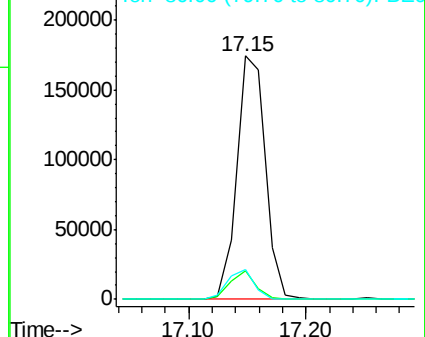
80 12.3 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.46 ng

RT: 16.34 min Scan# 967

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

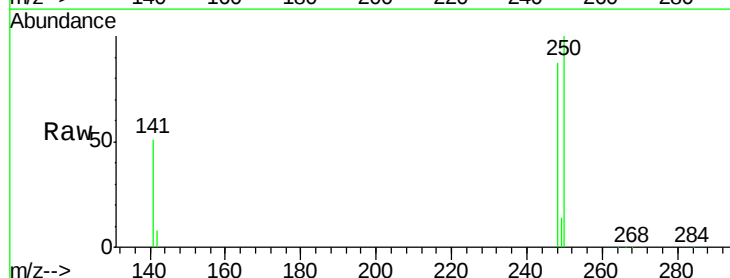
Tgt Ion:248 Resp: 36097

Ion Ratio Lower Upper

248 100

250 99.2 80.5 120.7

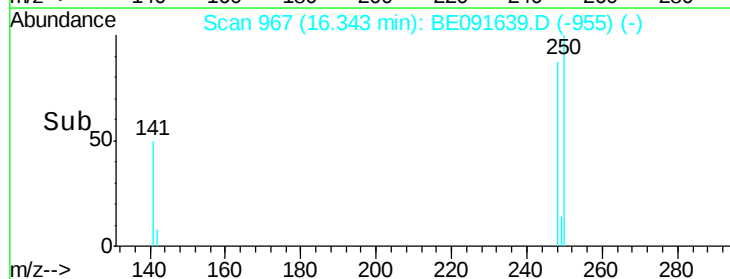
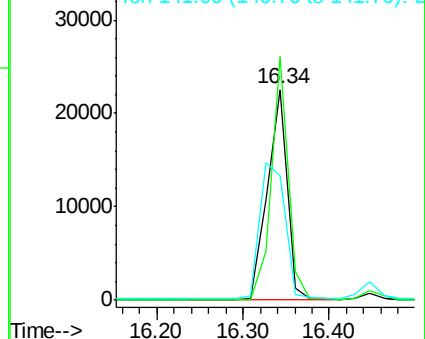
141 82.9 72.0 108.0

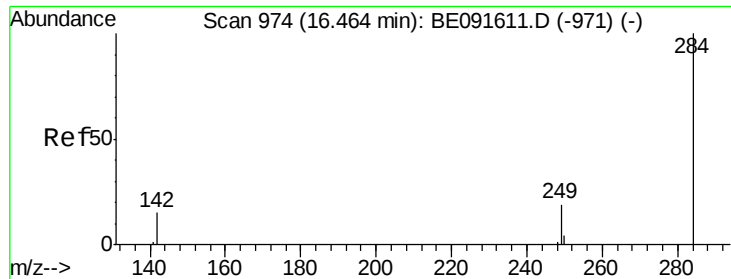


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

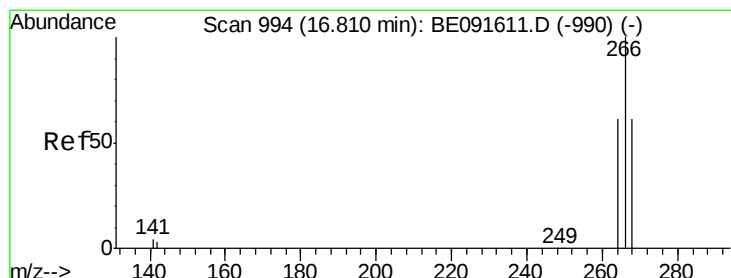
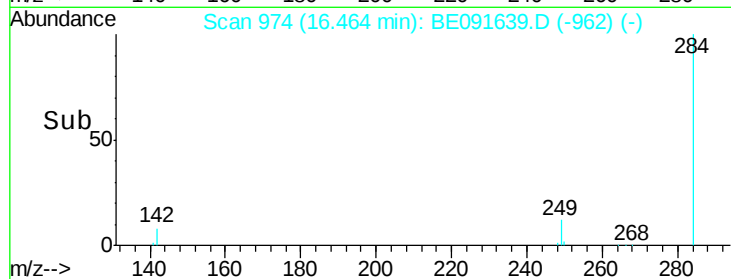
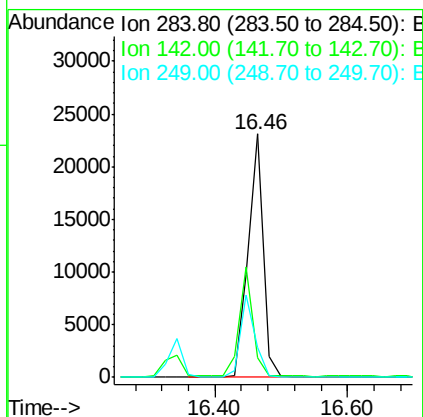
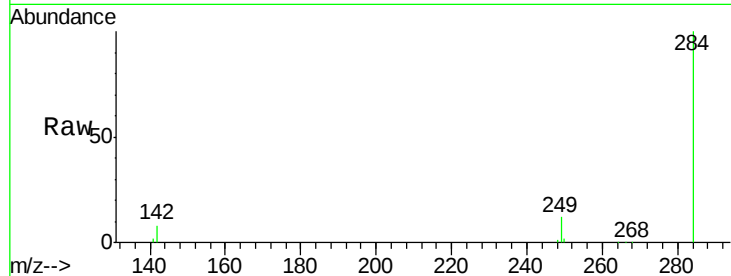




#21
Hexachlorobenzene
Concen: 3.35 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

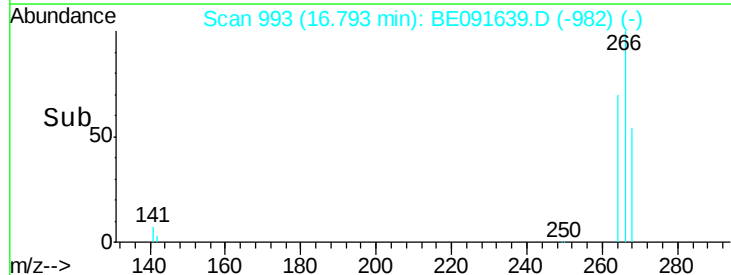
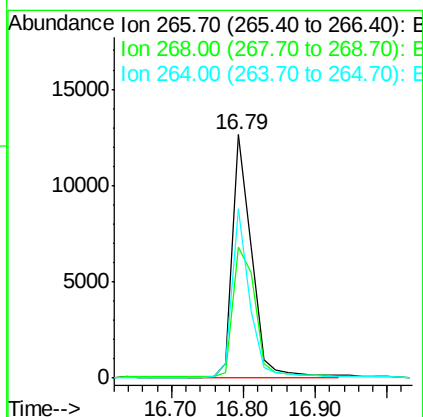
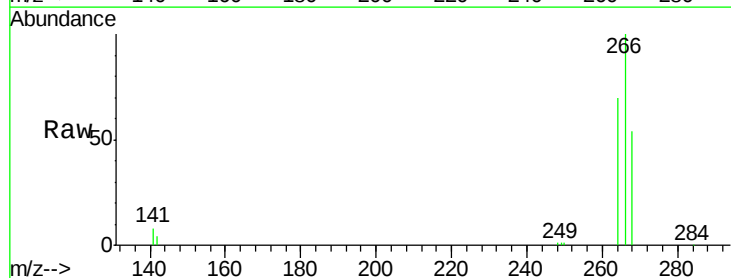
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

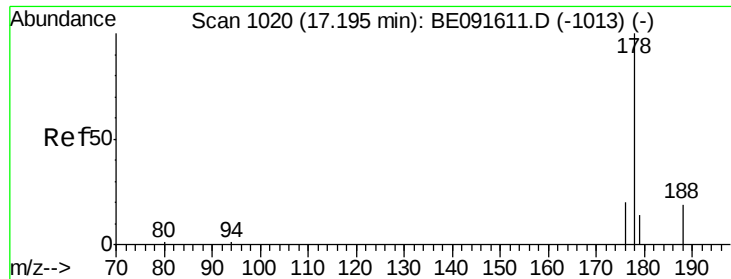
Tgt Ion:284 Resp: 36270
Ion Ratio Lower Upper
284 100
142 40.6 32.2 48.2
249 32.5 25.4 38.2



#22
Pentachlorophenol
Concen: 4.16 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion:266 Resp: 22878
Ion Ratio Lower Upper
266 100
268 54.1 58.2 87.2#
264 69.7 56.2 84.4

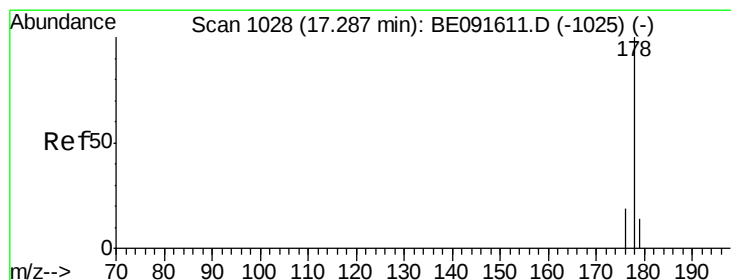
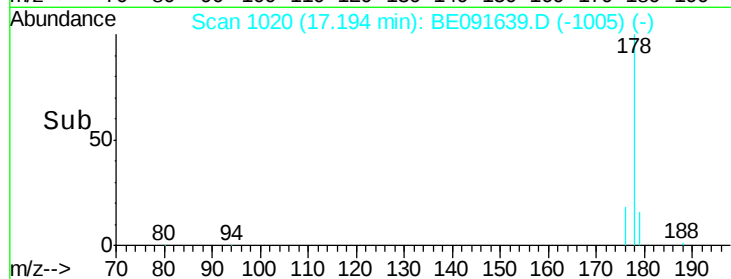
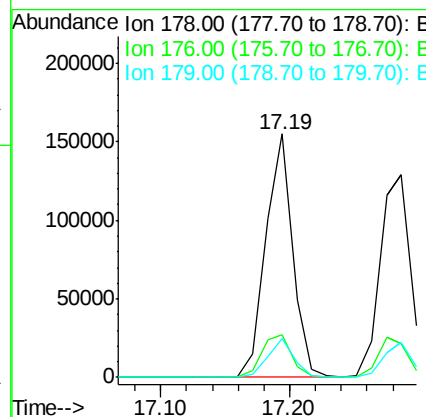
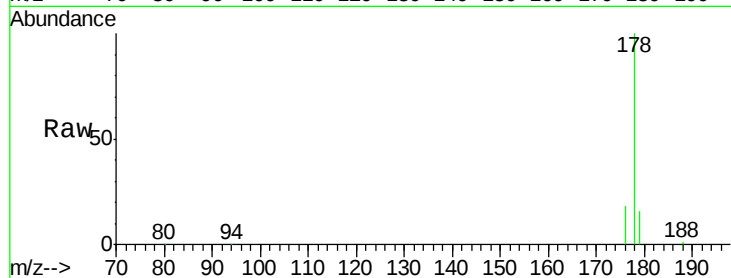




#23
 Phenanthrene
 Concen: 3.36 ng
 RT: 17.19 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

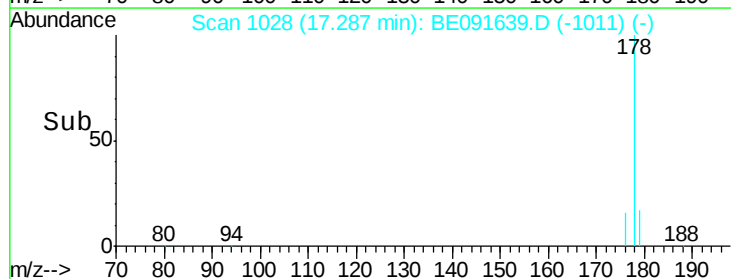
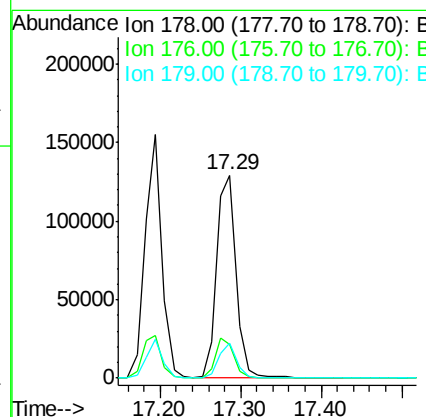
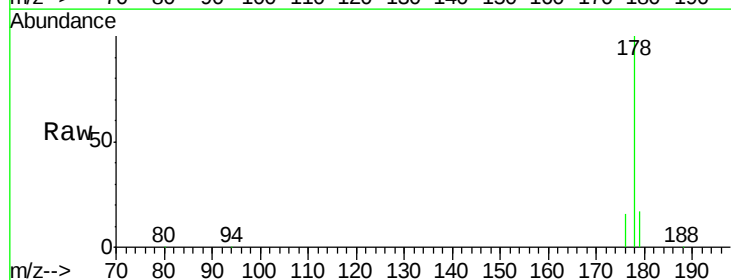
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

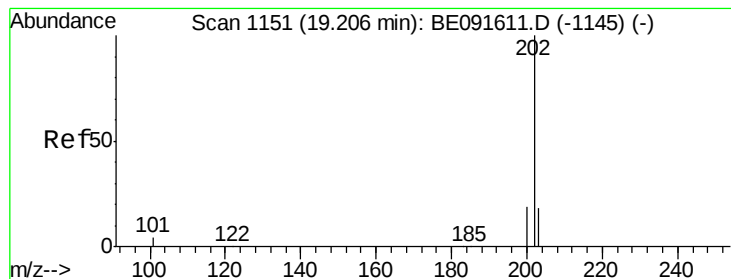
Tgt Ion:178 Resp: 226583
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.5 12.6 18.8



#24
 Anthracene
 Concen: 3.61 ng
 RT: 17.29 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion:178 Resp: 216060
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 21.8
 179 15.6 11.8 17.6





#25

Fluoranthene

Concen: 3.71 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

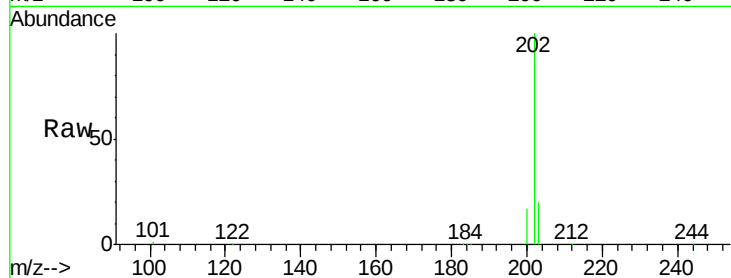
Tgt Ion:202 Resp: 264693

Ion Ratio Lower Upper

202 100

101 11.8 11.0 16.6

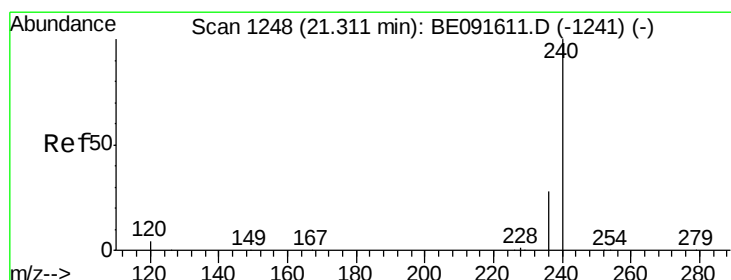
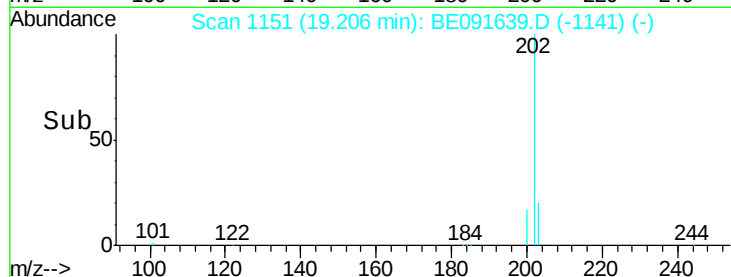
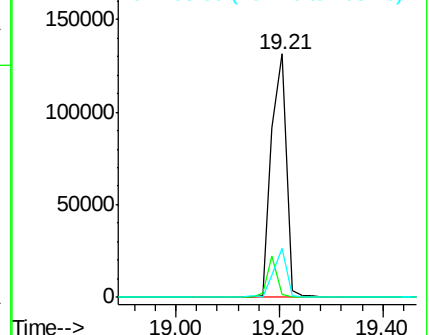
203 17.8 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

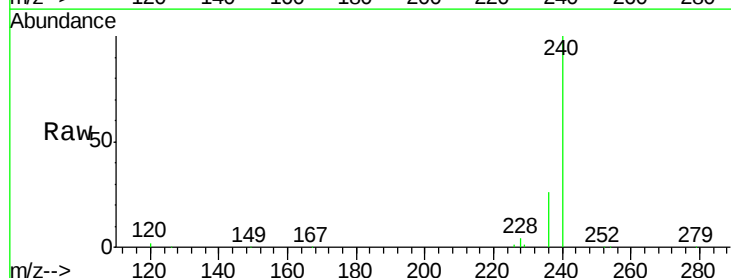
Tgt Ion:240 Resp: 394133

Ion Ratio Lower Upper

240 100

120 1.6 11.0 16.4#

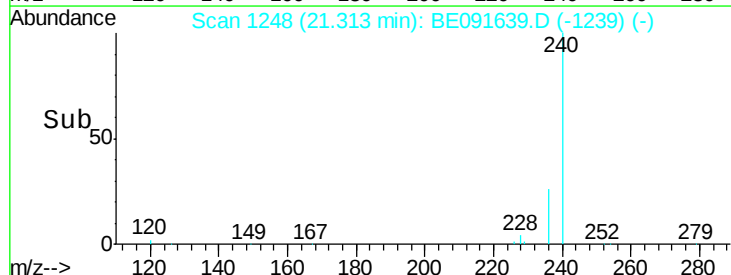
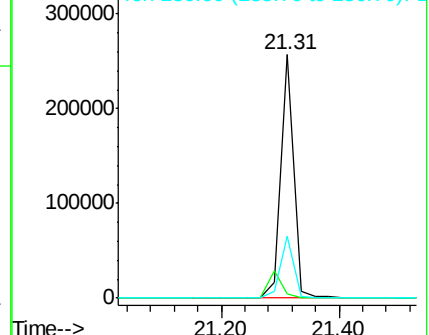
236 25.6 21.7 32.5

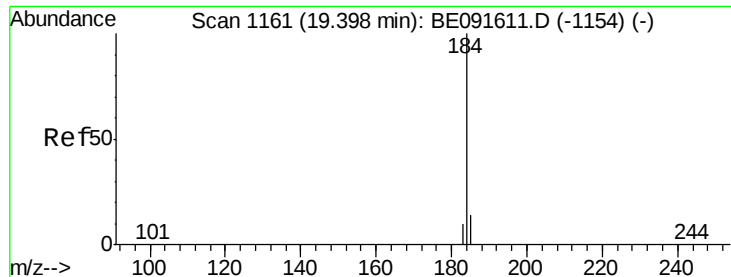


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.41 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.37 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

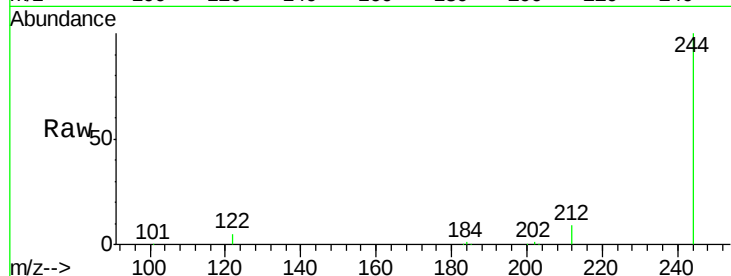
Tgt Ion:184 Resp: 3245

Ion Ratio Lower Upper

184 100

185 28.2 22.3 33.5

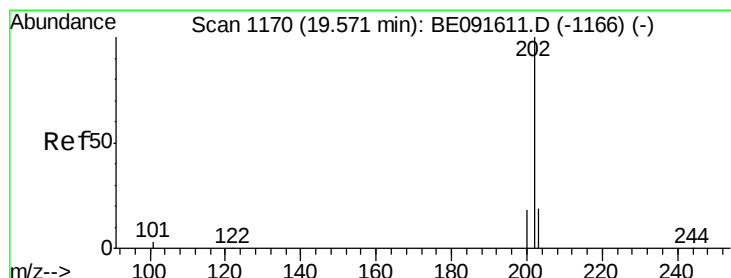
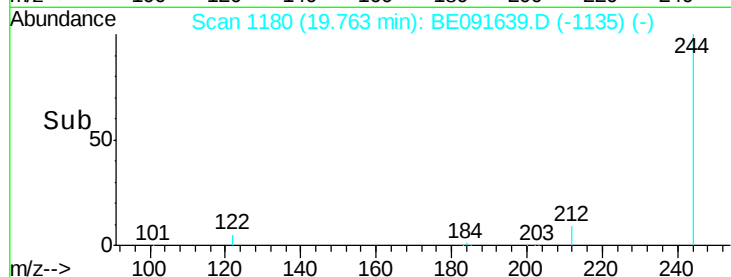
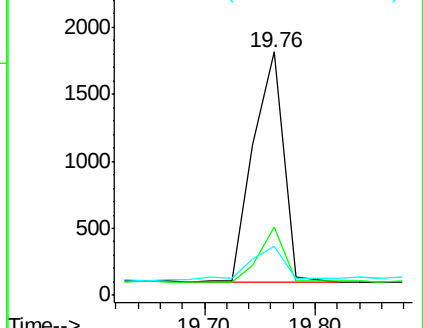
183 20.2 16.4 24.6



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: 3.59 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

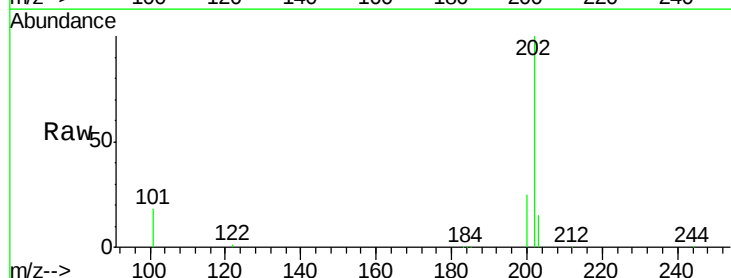
Tgt Ion:202 Resp: 283232

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

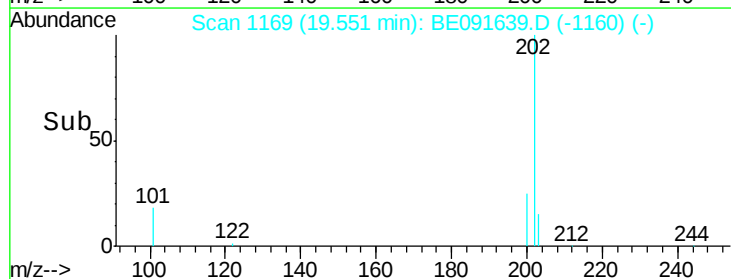
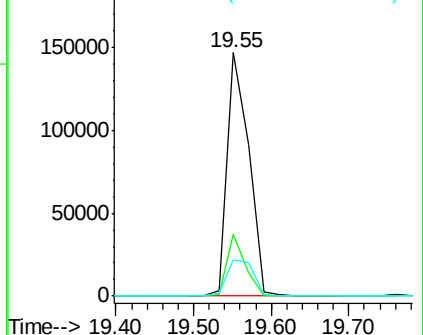
203 18.2 14.0 21.0

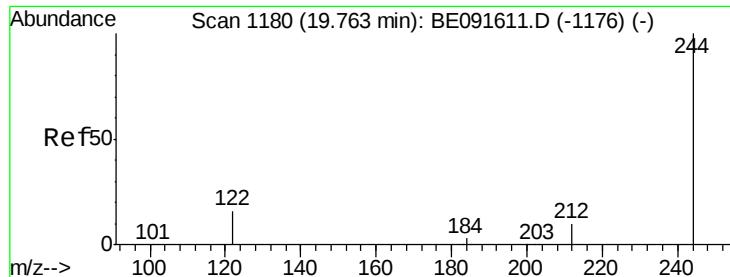


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.23 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

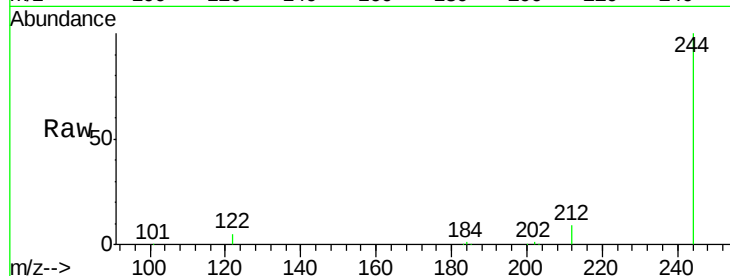
Tgt Ion:244 Resp: 207908

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

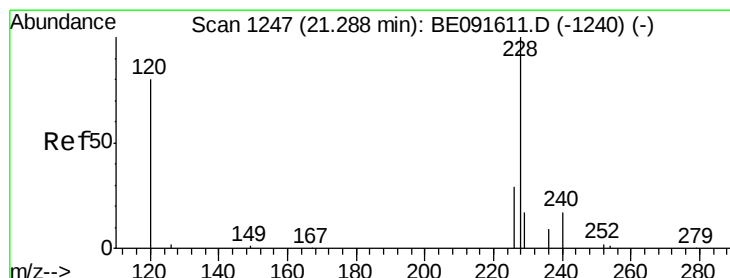
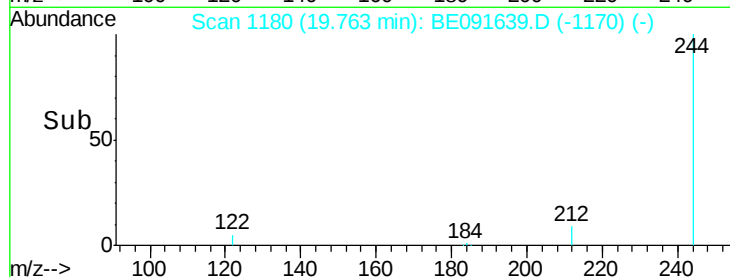
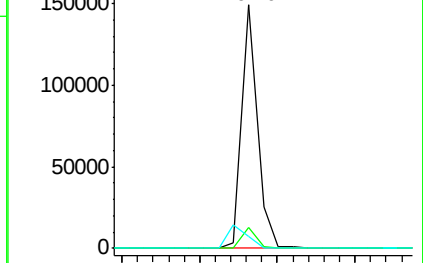
122 4.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 7.16 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

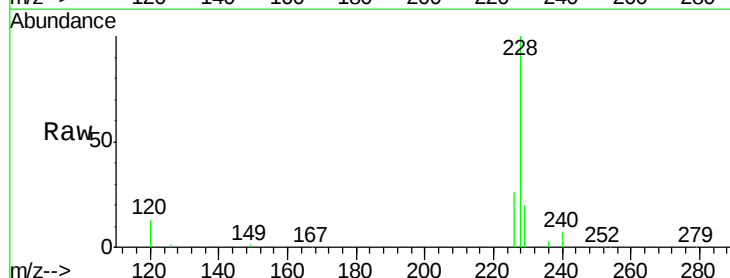
Tgt Ion:228 Resp: 630940

Ion Ratio Lower Upper

228 100

226 25.8 21.0 31.4

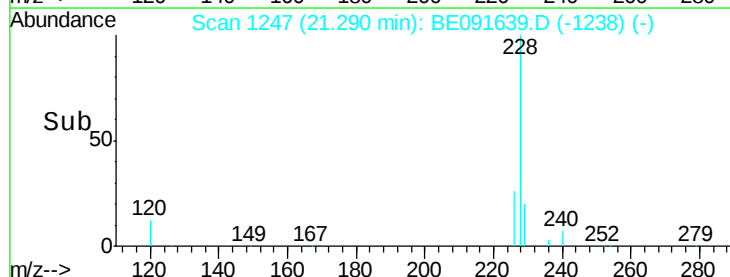
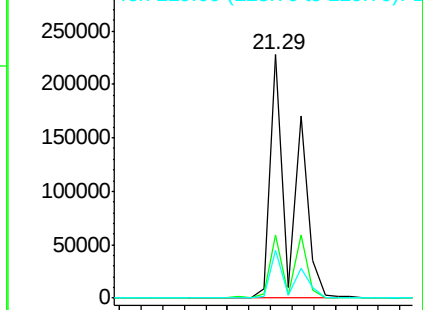
229 19.7 15.7 23.5

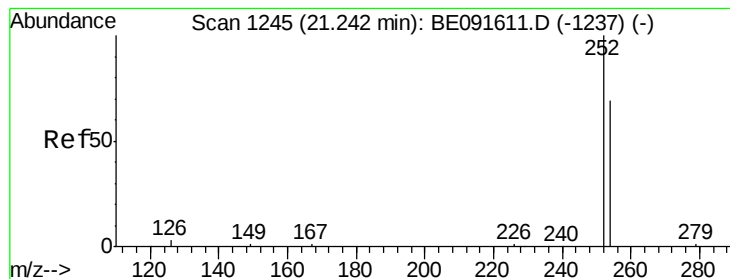


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.13 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

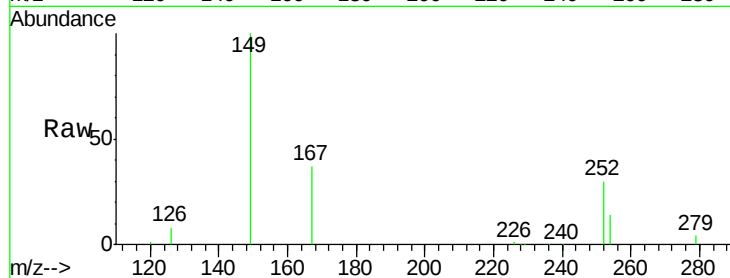
Tgt Ion:252 Resp: 63936

Ion Ratio Lower Upper

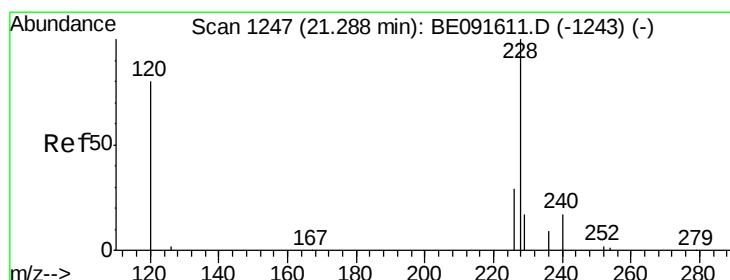
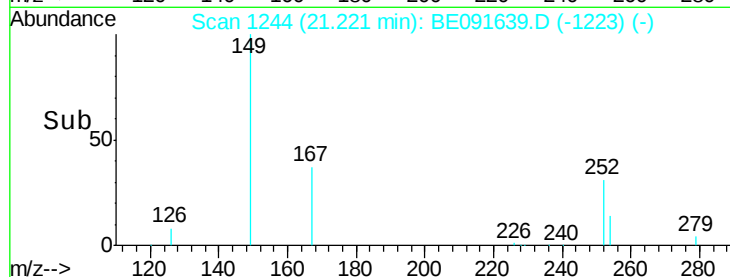
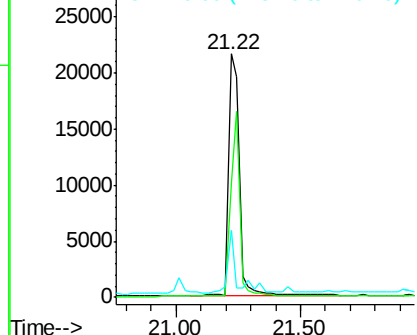
252 100

254 46.9 51.1 76.7#

126 27.7 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: 7.93 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

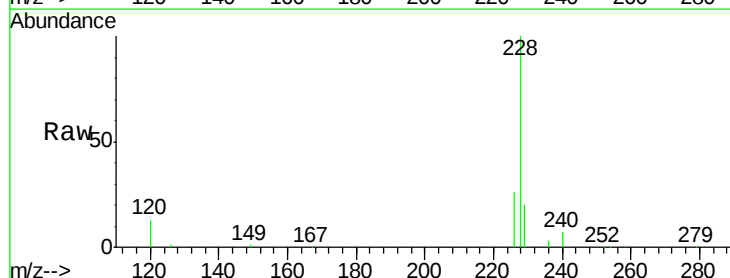
Tgt Ion:228 Resp: 634318

Ion Ratio Lower Upper

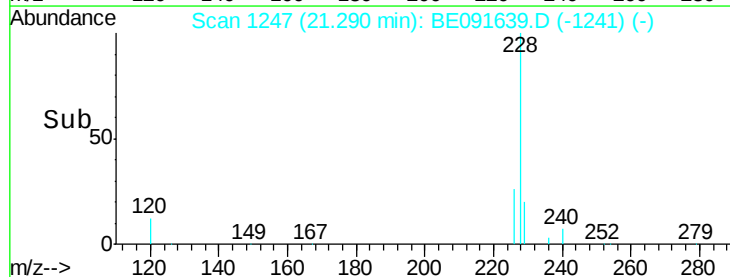
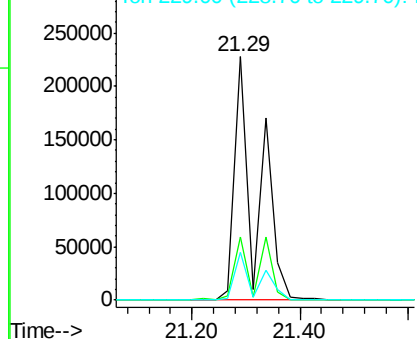
228 100

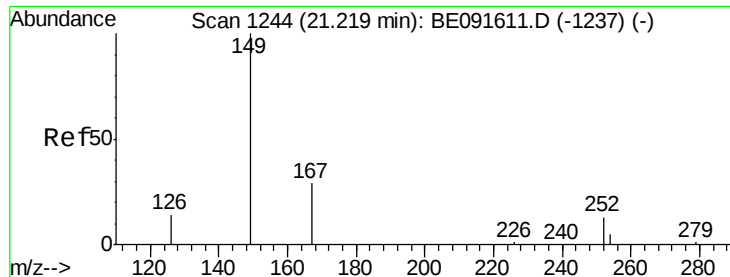
226 25.8 24.0 36.0

229 19.7 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

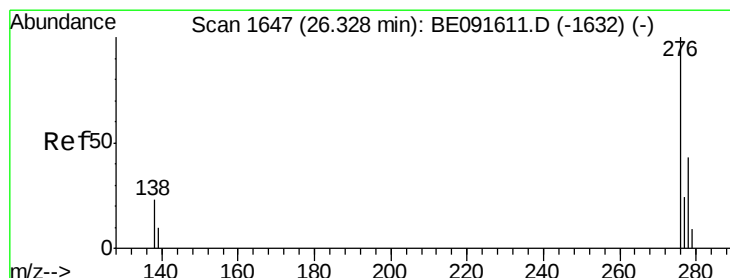
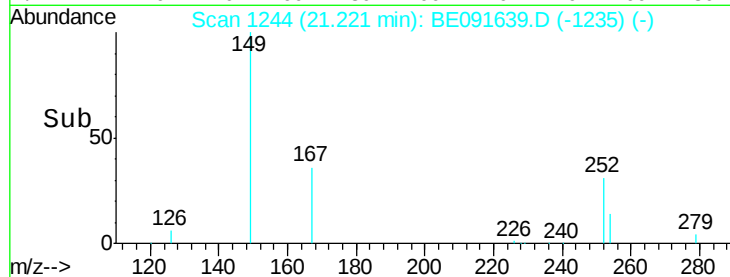
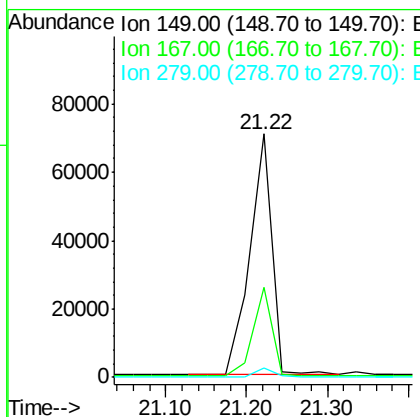
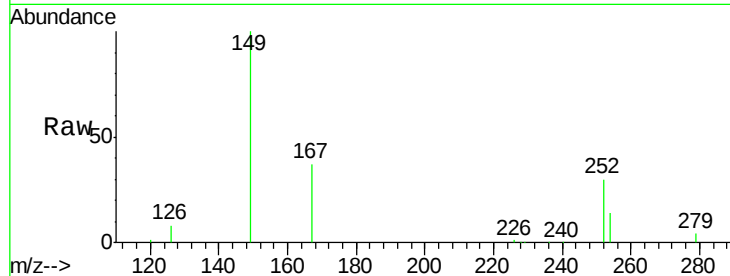




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 2.27 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

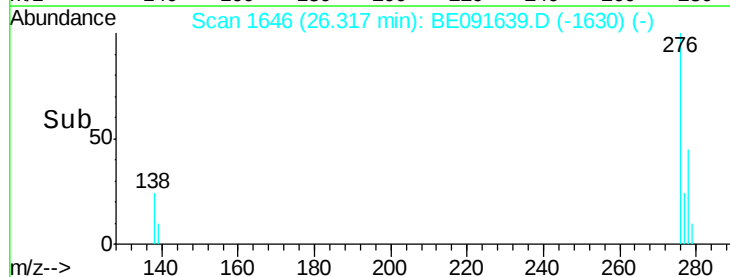
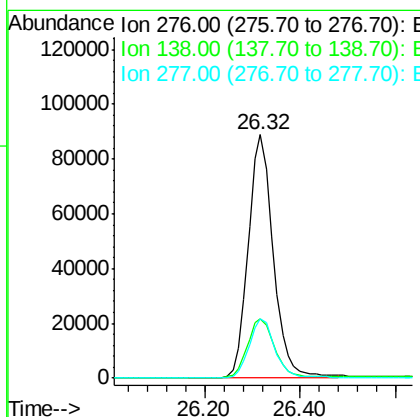
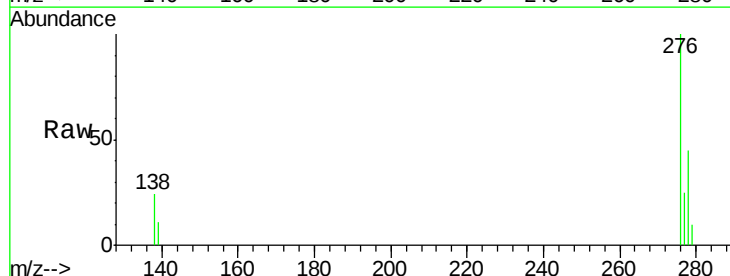
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

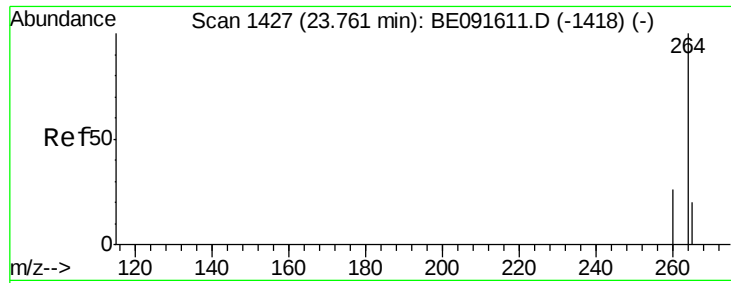
Tgt Ion:149 Resp: 132388
 Ion Ratio Lower Upper
 149 100
 167 31.7 19.5 29.3#
 279 3.4 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.61 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion:276 Resp: 322612
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.2
 277 24.8 19.8 29.8

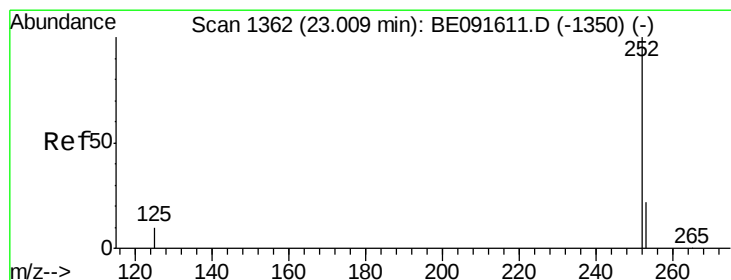
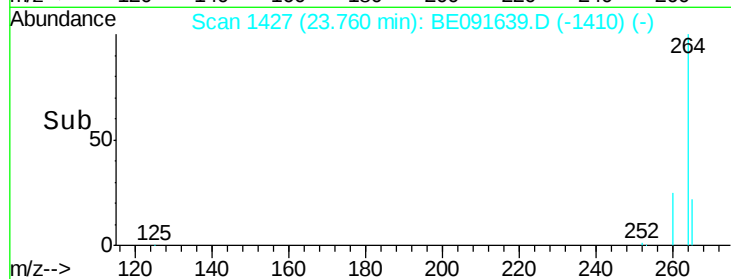
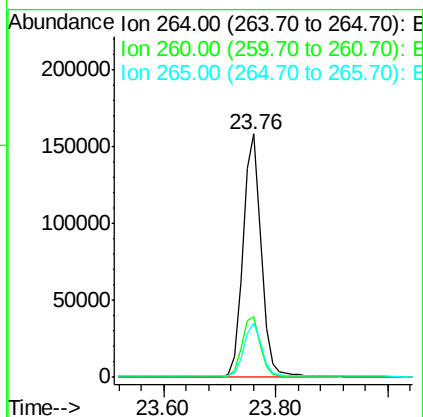
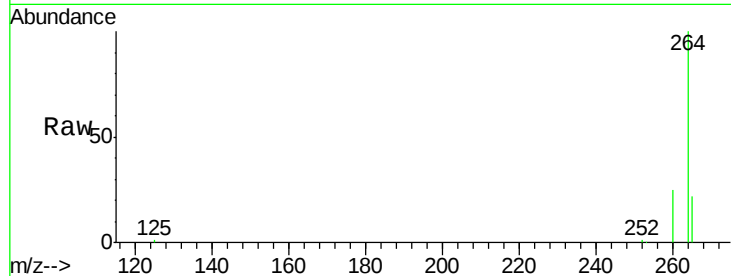




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

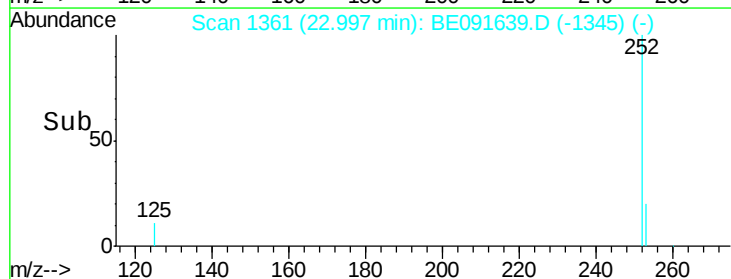
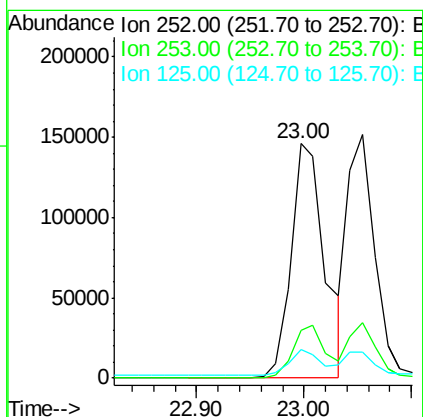
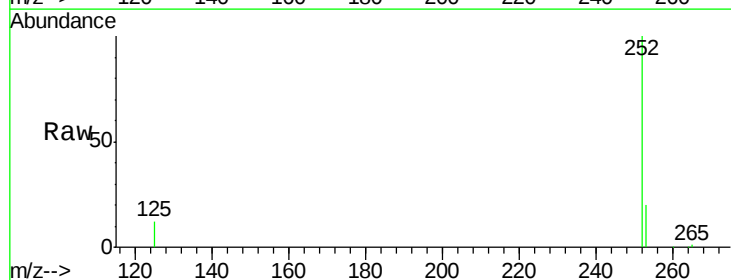
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

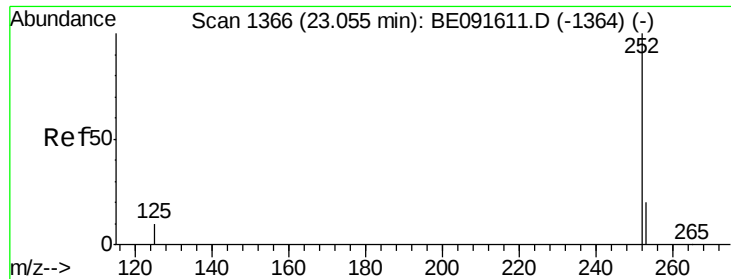
Tgt Ion: 264 Resp: 361404
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 22.2 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 3.80 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion: 252 Resp: 318586
 Ion Ratio Lower Upper
 252 100
 253 20.4 17.4 26.0
 125 12.2 10.2 15.2

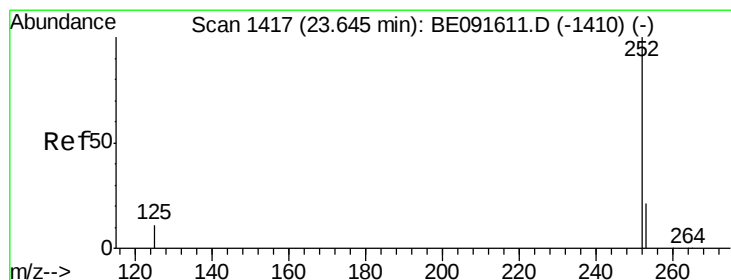
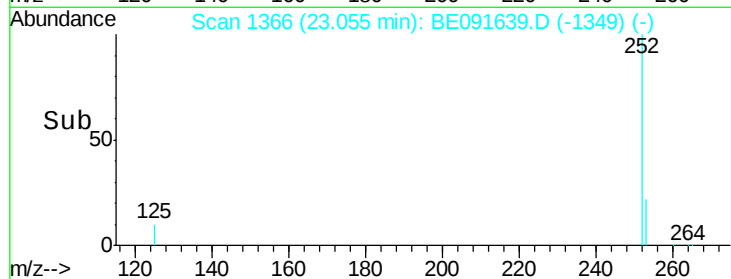
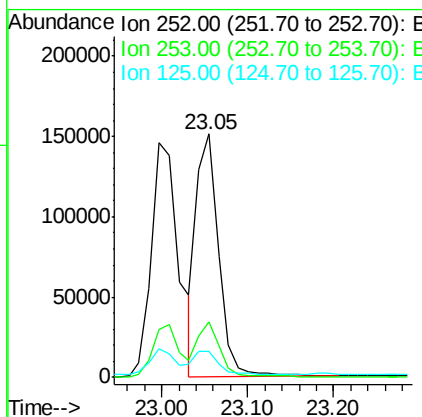
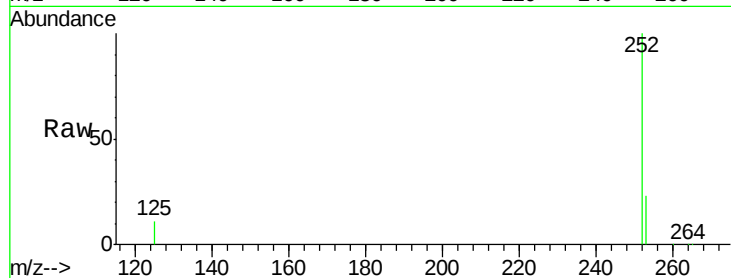




#37
Benzo(k)fluoranthene
Concen: 3.25 ng
RT: 23.05 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

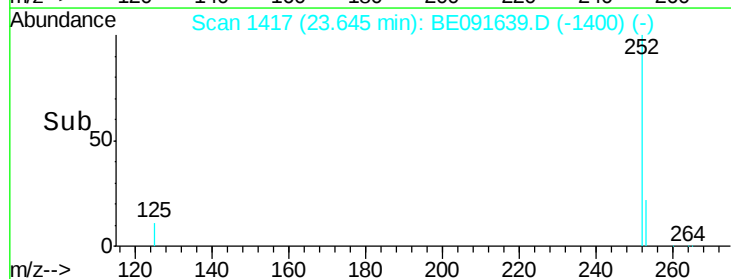
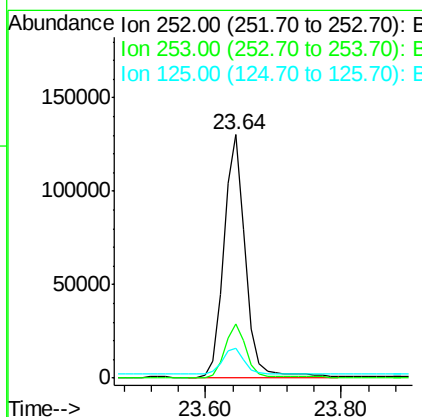
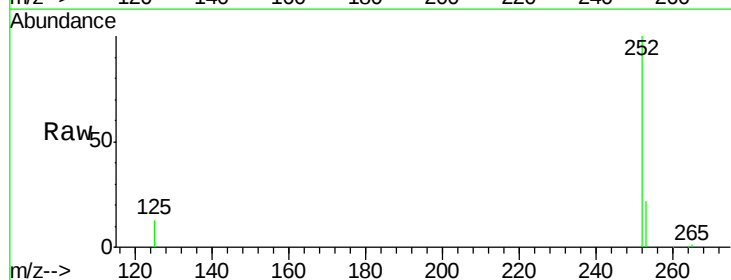
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

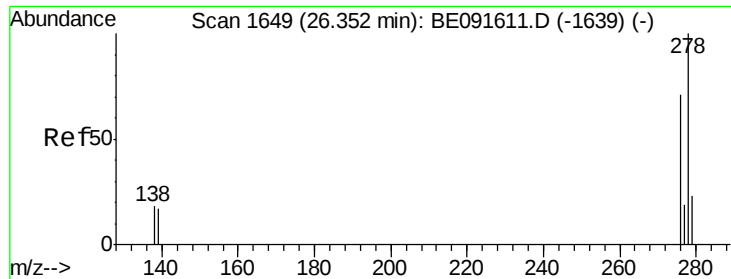
Tgt Ion:252 Resp: 269292
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.9 9.9 14.9



#38
Benzo(a)pyrene
Concen: 3.70 ng
RT: 23.64 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion:252 Resp: 288546
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.5 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 3.48 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MSD

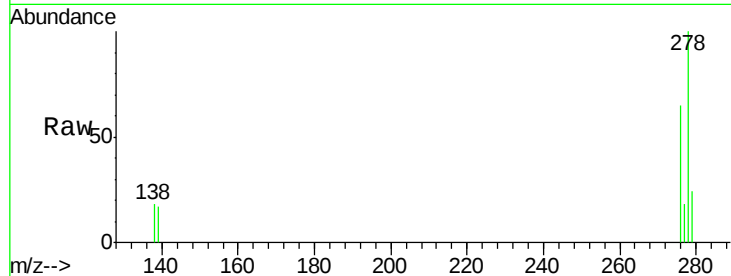
Tgt Ion: 278 Resp: 267132

Ion Ratio Lower Upper

278 100

139 16.9 16.0 24.0

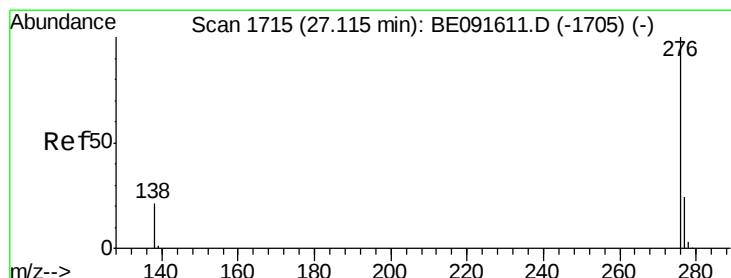
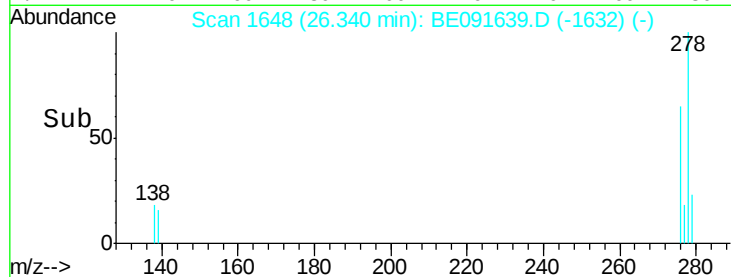
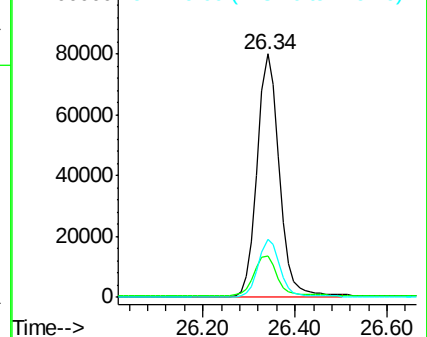
279 23.6 19.4 29.2



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: 3.48 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

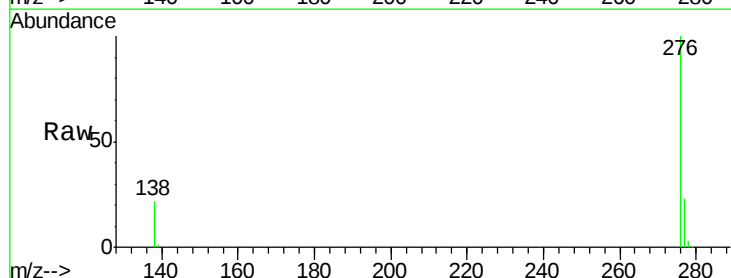
Tgt Ion: 276 Resp: 275641

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 22.1 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

