

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091811.D
 Acq On : 19 May 2016 15:44
 Operator : UM/SJ
 Sample : PB90668BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90668BS

Quant Time: May 20 04:47:19 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	23473	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	114371	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	75713	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	203899	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	290570	5.00	ng	-0.02
35) Perylene-d12	23.73	264	243892	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	39507	6.44	ng	0.00
5) Phenol-d6	6.95	99	59982	6.94	ng	0.00
8) Nitrobenzene-d5	8.93	82	28340	3.74	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	25032	8.52	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	81706	3.81	ng	0.00
29) Terphenyl-d14	19.74	244	166834	4.06	ng	-0.02

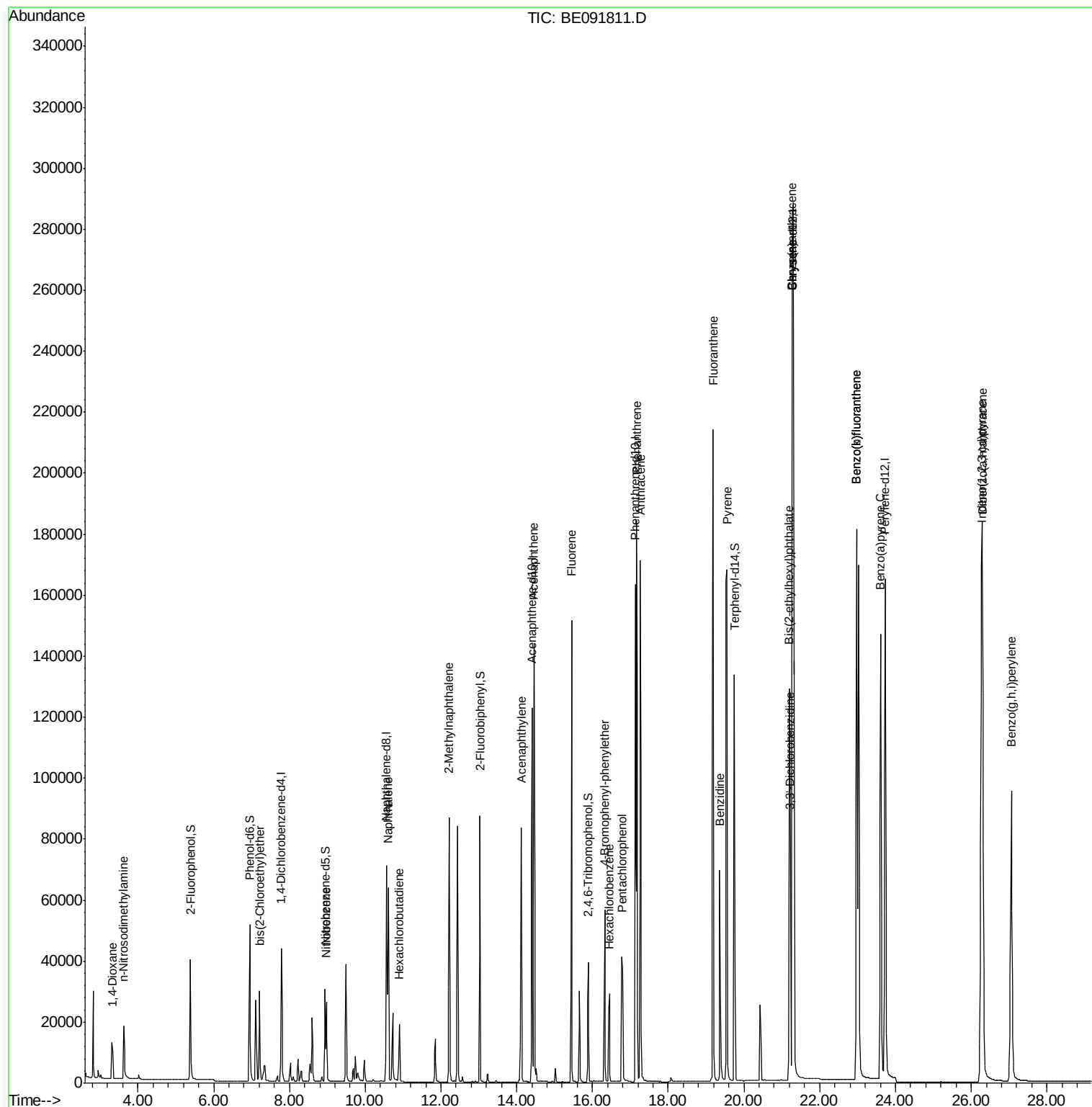
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	9473	3.69	ng	# 90
3) n-Nitrosodimethylamine	3.63	42	13655	3.64	ng	98
6) bis(2-Chloroethyl)ether	7.21	93	25568	3.69	ng	# 77
9) Nitrobenzene	8.98	77	30190	3.87	ng	94
10) Naphthalene	10.61	128	92283	3.65	ng	98
11) Hexachlorobutadiene	10.90	225	15606	4.16	ng	97
12) 2-Methylnaphthalene	12.21	142	67442	3.96	ng	94
16) Acenaphthylene	14.12	152	127148	3.77	ng	# 86
17) Acenaphthene	14.46	154	74959	3.69	ng	90
18) Fluorene	15.45	166	103920	3.95	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	30531	4.00	ng	93
21) Hexachlorobenzene	16.45	284	32630	4.11	ng	98
22) Pentachlorophenol	16.78	266	37895	11.55	ng	# 83
23) Phenanthrene	17.17	178	219882	5.50	ng	97
24) Anthracene	17.26	178	189001	4.26	ng	98
25) Fluoranthene	19.19	202	239996	4.43	ng	97
27) Benzidine	19.36	184	101953	3.97	ng	# 75
28) Pyrene	19.55	202	258223	4.05	ng	99
30) Benzo(a)anthracene	21.27	228	519734	7.41	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	68825	1.54	ng	# 84
32) Chrysene	21.27	228	521898	8.65	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	128860	3.31	ng	# 79
34) Indeno(1,2,3-cd)pyrene	26.27	276	278914	3.88	ng	95
36) Benzo(b)fluoranthene	22.97	252	253161	4.15	ng	# 96
37) Benzo(k)fluoranthene	22.97	252	253161	4.05	ng	96
38) Benzo(a)pyrene	23.61	252	243039	4.17	ng	# 96
39) Dibenzo(a,h)anthracene	26.29	278	234008	4.11	ng	# 95
40) Benzo(g,h,i)perylene	27.06	276	234752	4.00	ng	95

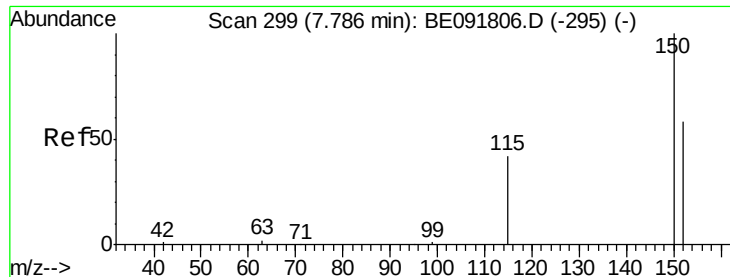
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

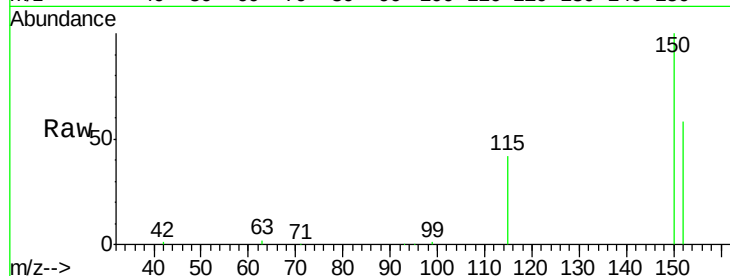
Tgt Ion:152 Resp: 23473

Ion Ratio Lower Upper

152 100

150 172.7 122.6 183.8

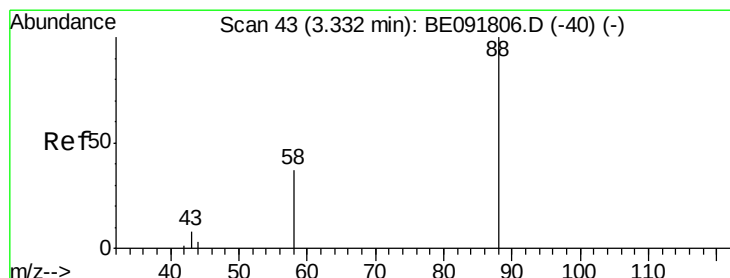
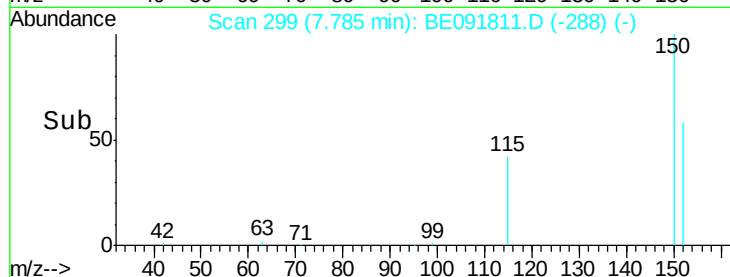
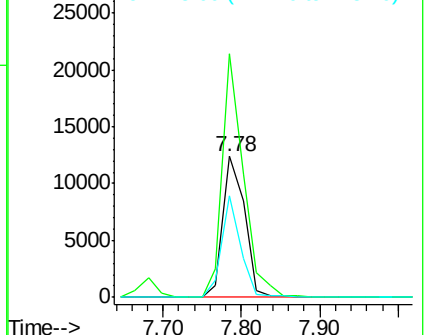
115 72.4 52.8 79.2



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: 3.69 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

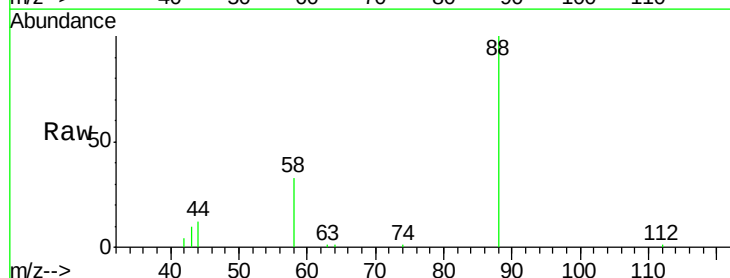
Tgt Ion: 88 Resp: 9473

Ion Ratio Lower Upper

88 100

58 89.9 65.8 98.6

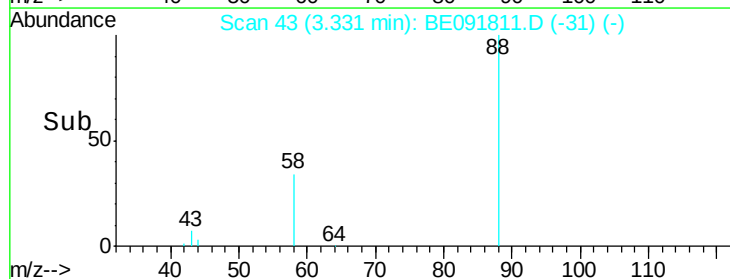
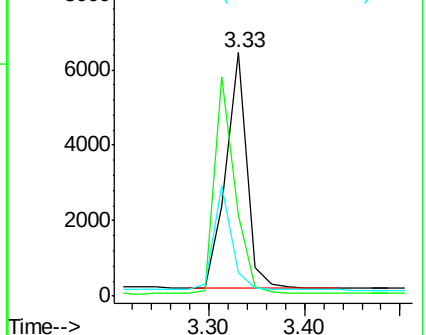
43 38.4 25.3 37.9#

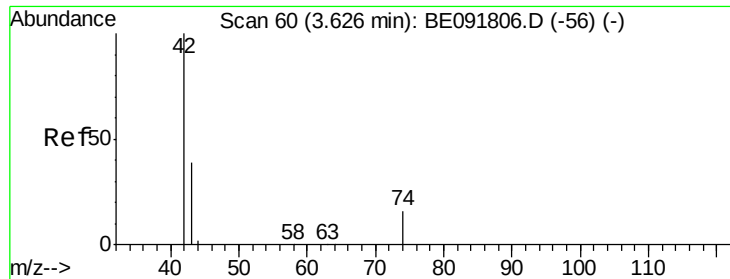


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.64 ng

RT: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

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ClientSampleId :

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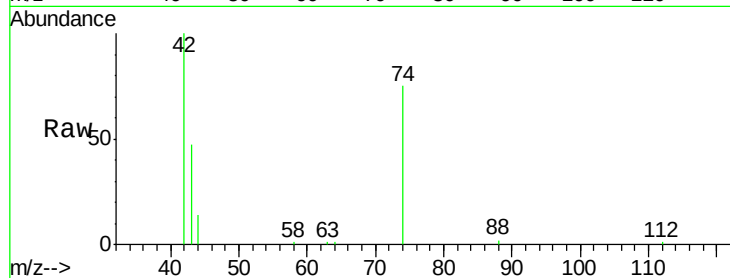
Tgt Ion: 42 Resp: 13655

Ion Ratio Lower Upper

42 100

74 111.9 87.9 131.9

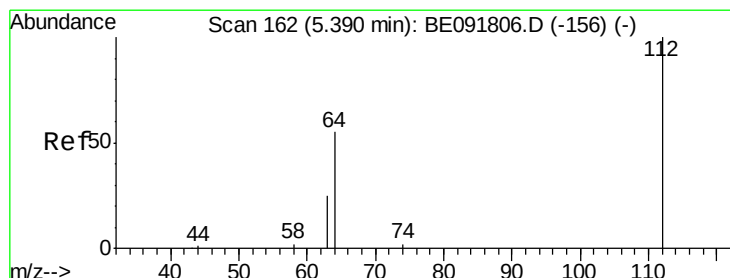
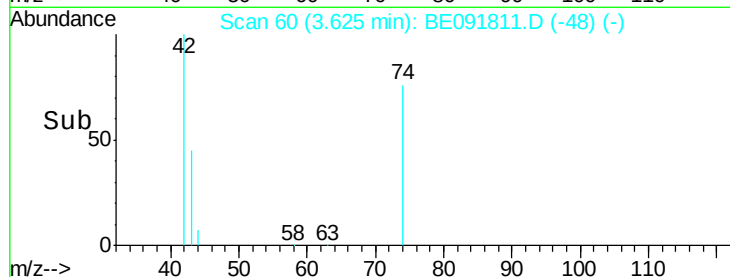
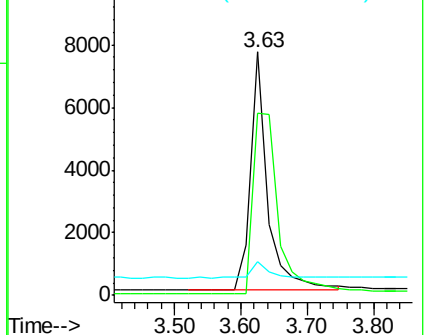
44 7.4 6.6 9.8



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: 6.44 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

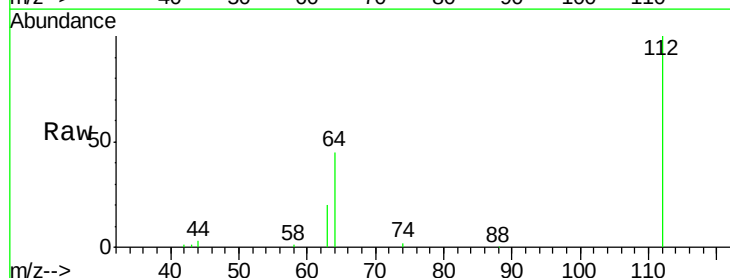
Tgt Ion: 112 Resp: 39507

Ion Ratio Lower Upper

112 100

64 67.0 30.9 46.3#

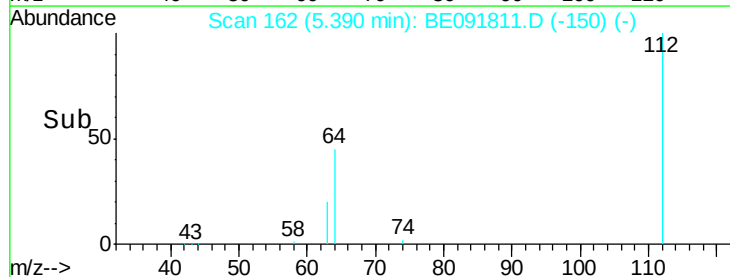
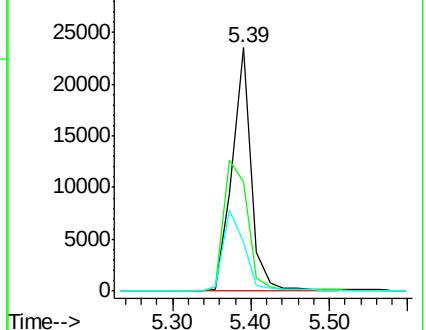
63 36.0 16.7 25.1#

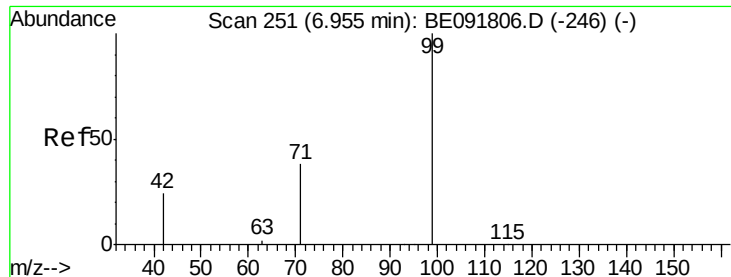


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.94 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

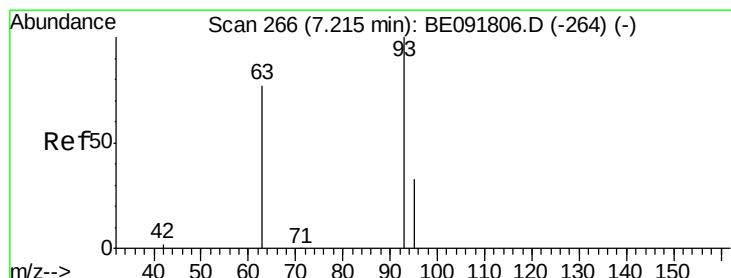
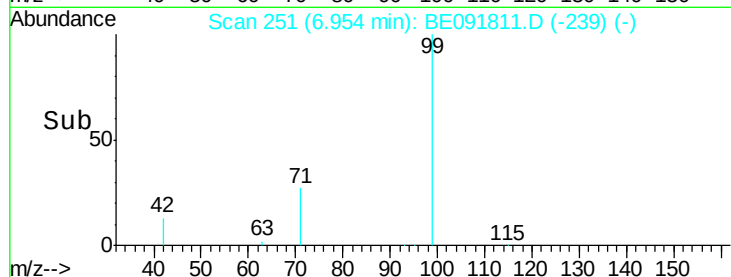
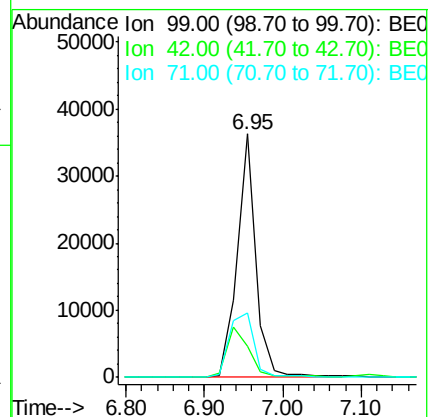
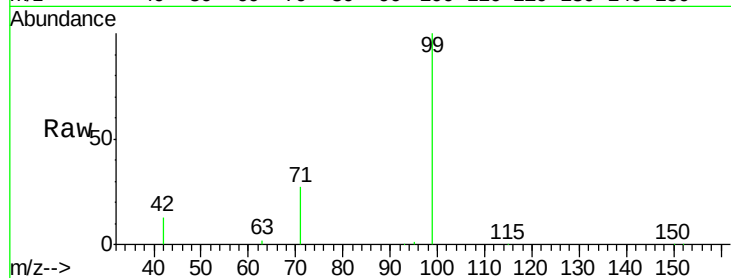
Tgt Ion: 99 Resp: 59982

Ion Ratio Lower Upper

99 100

42 23.6 16.2 24.2

71 34.8 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 3.69 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

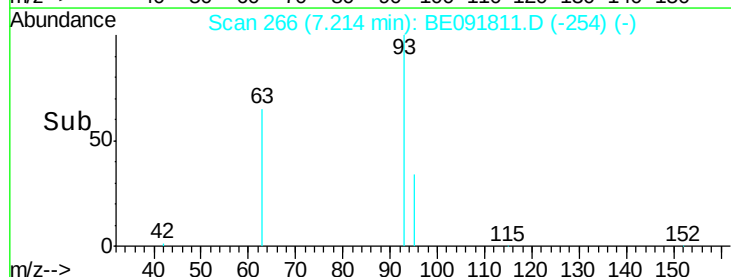
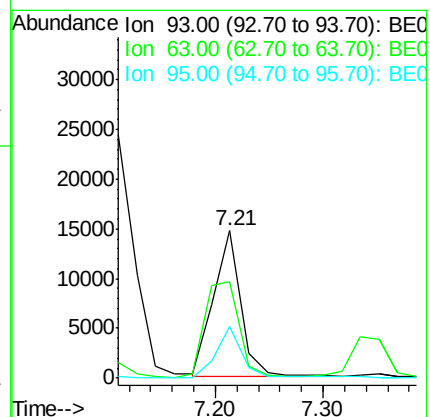
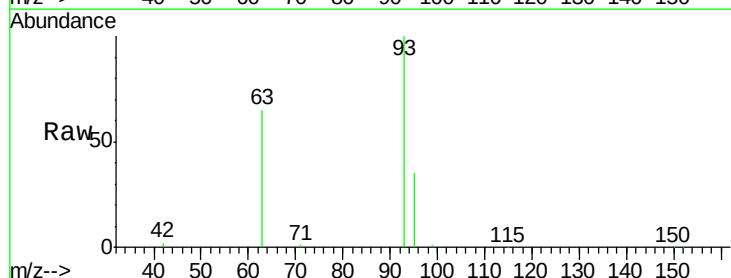
Tgt Ion: 93 Resp: 25568

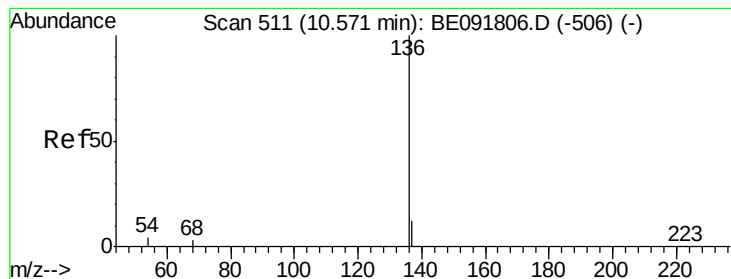
Ion Ratio Lower Upper

93 100

63 83.9 49.5 74.3#

95 32.6 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

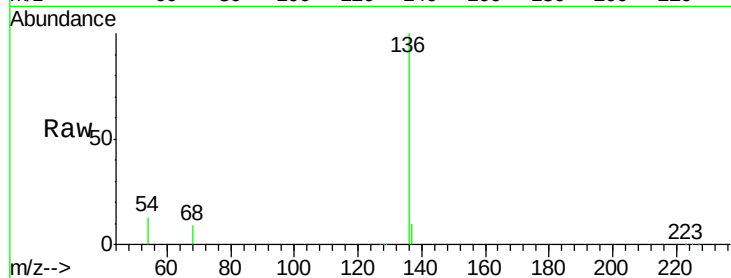
Instrument :

BNA_E

ClientSampleId :

PB90668BS

Tgt Ion:	136	Resp:	114371
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	12.5	8.2	12.4#
68	8.5	6.2	9.4

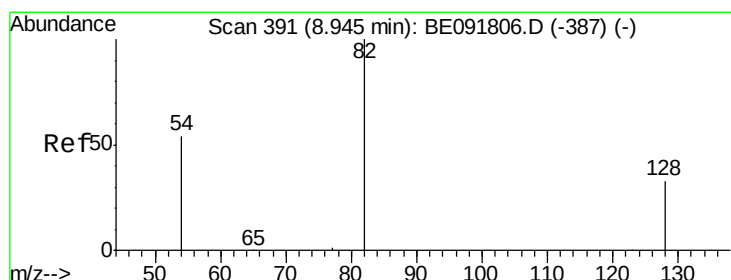
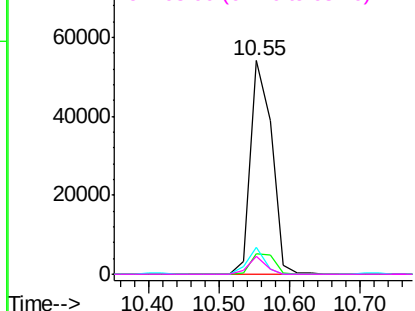
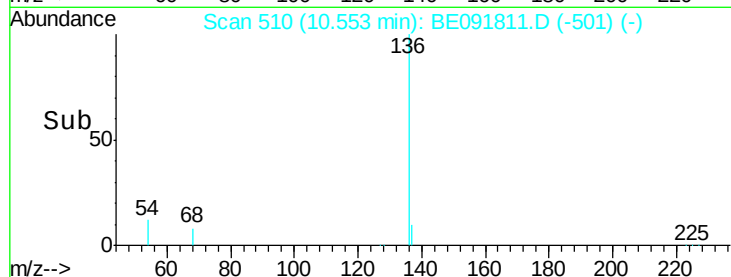


Abundance Ion 136.00 (135.70 to 136.70): BE091811.D (-501) (-)

Ion 137.00 (136.70 to 137.70): BE091811.D (-501) (-)

Ion 54.00 (53.70 to 54.70): BE091811.D (-501) (-)

Ion 68.00 (67.70 to 68.70): BE091811.D (-501) (-)



#8

Nitrobenzene-d5

Concen: 3.74 ng

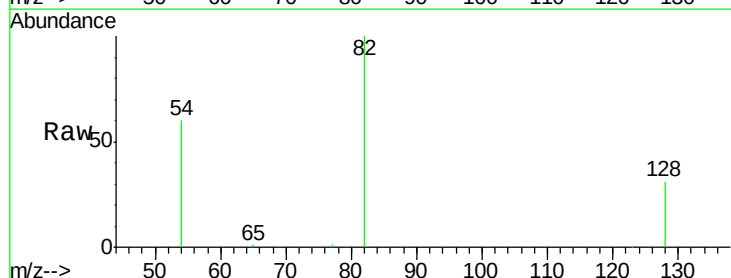
RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

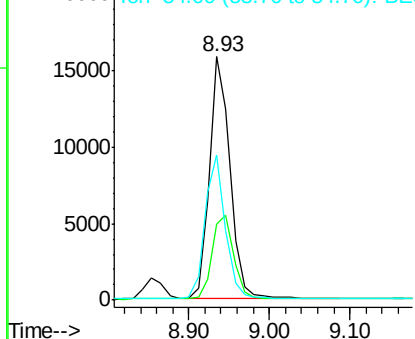
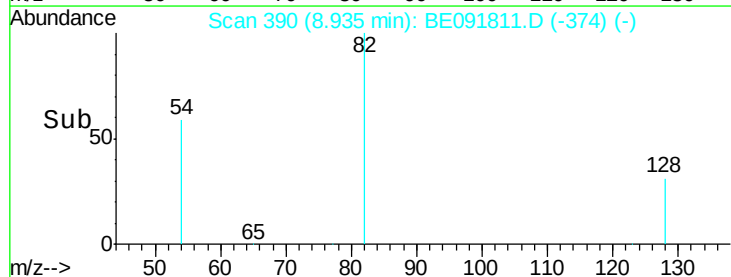
Tgt Ion:	82	Resp:	28340
Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.4	38.0
54	59.6	48.4	72.6

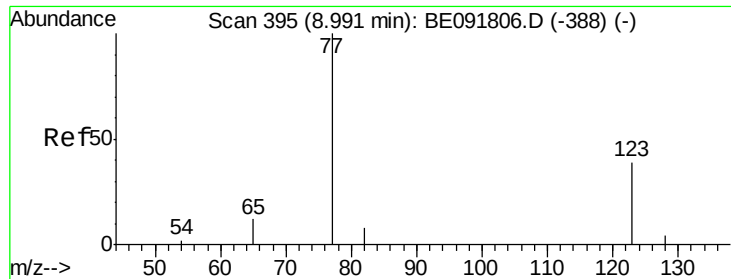


Abundance Ion 82.00 (81.70 to 82.70): BE091811.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BE091811.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BE091811.D (-374) (-)





#9

Nitrobenzene

Concen: 3.87 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

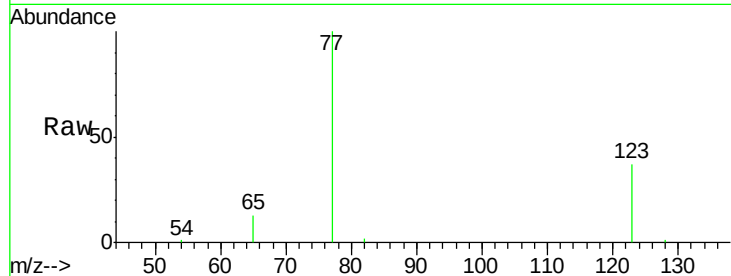
Tgt Ion: 77 Resp: 30190

Ion Ratio Lower Upper

77 100

123 37.6 26.9 40.3

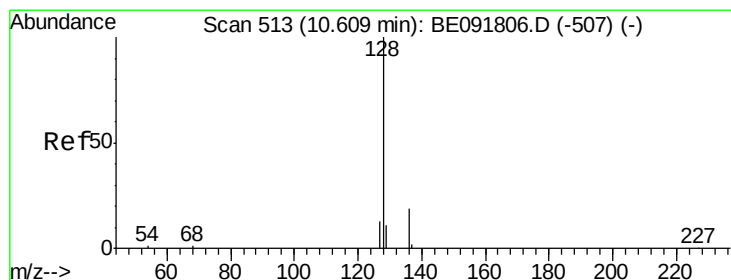
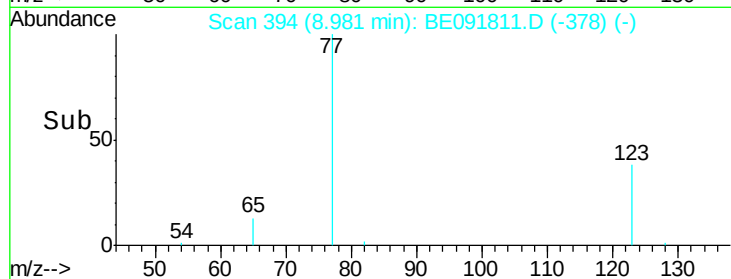
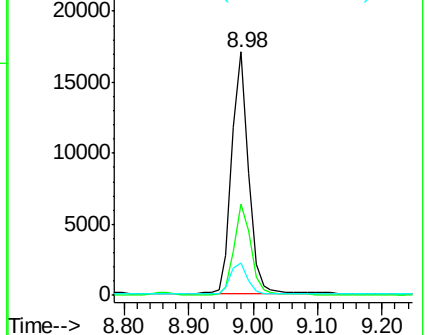
65 13.7 9.4 14.2



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: 3.65 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

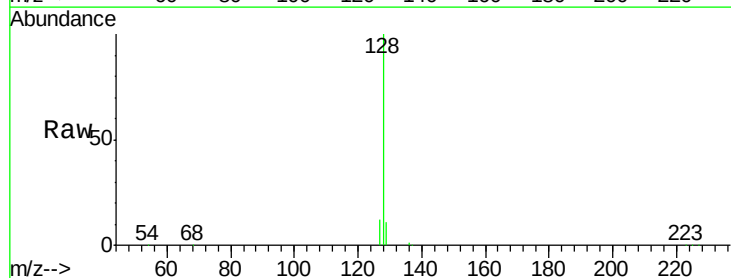
Tgt Ion: 128 Resp: 92283

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

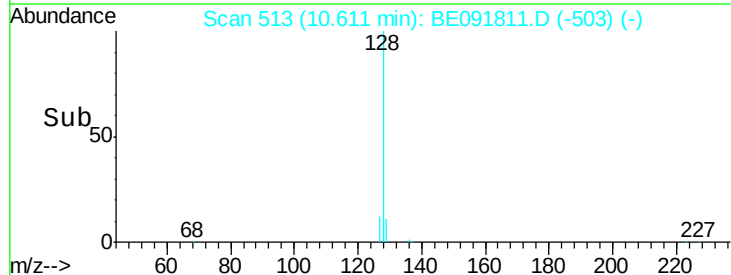
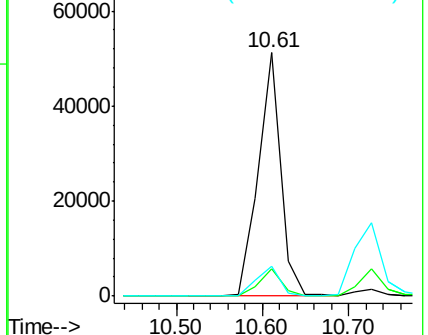
127 12.2 10.7 16.1

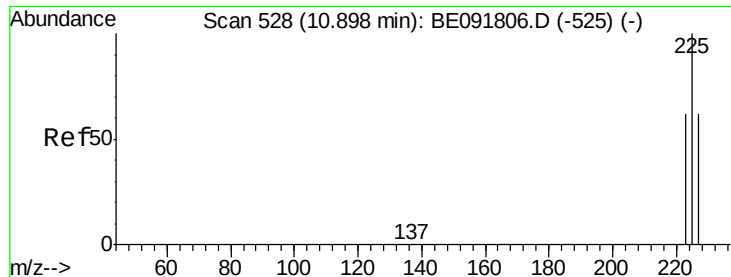


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

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

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

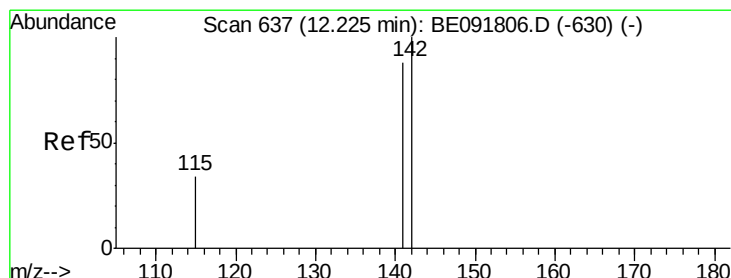
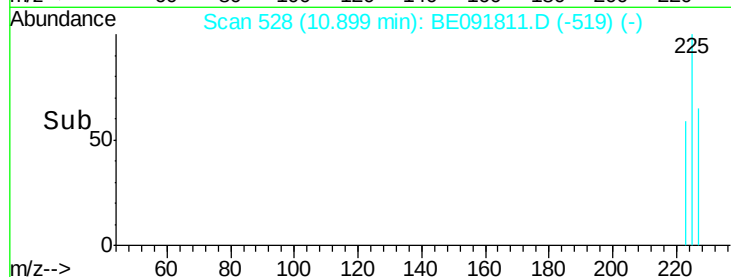
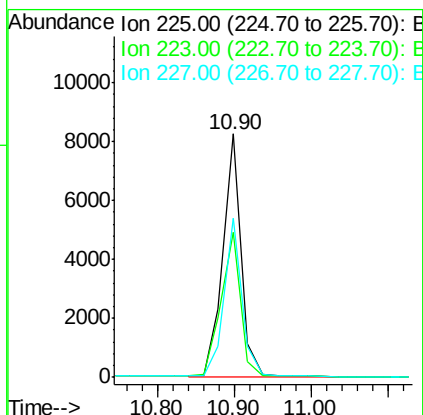
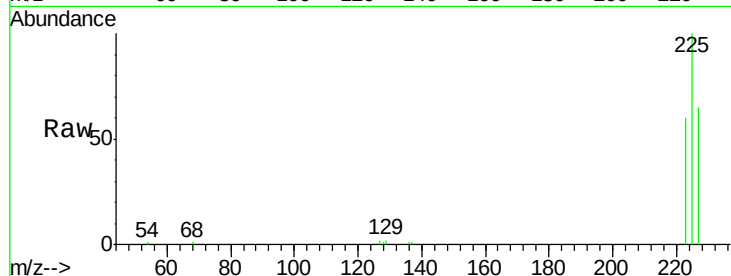




#11
Hexachlorobutadiene
Concen: 4.16 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

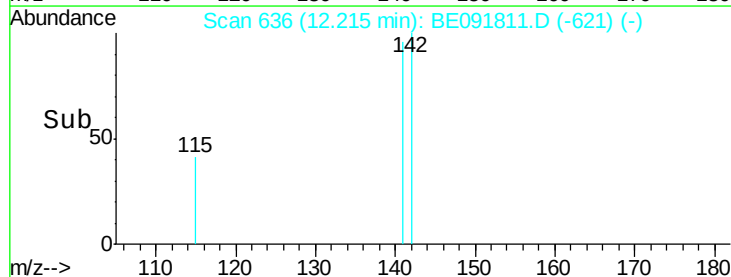
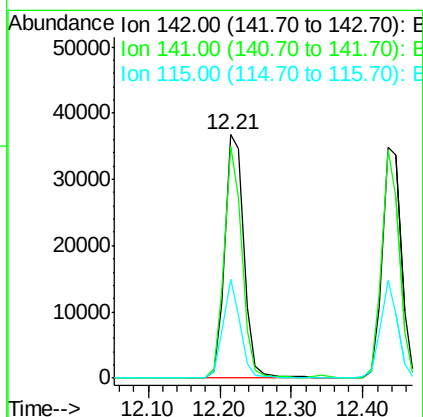
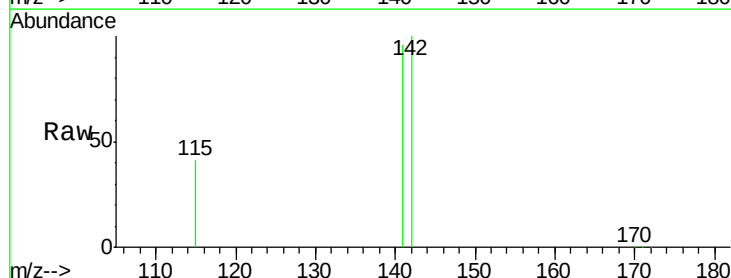
Instrument :
BNA_E
ClientSampleId :
PB90668BS

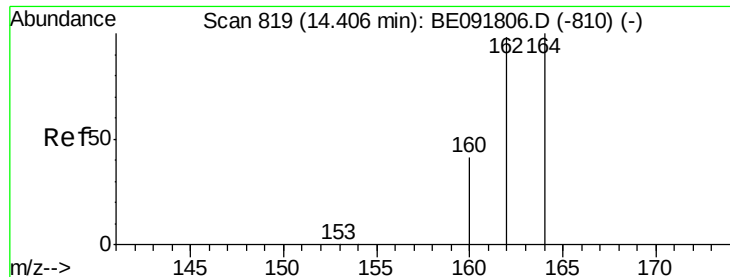
Tgt Ion: 225 Resp: 15606
Ion Ratio Lower Upper
225 100
223 64.1 49.0 73.6
227 64.3 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.96 ng
RT: 12.21 min Scan# 636
Delta R.T. -0.02 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion: 142 Resp: 67442
Ion Ratio Lower Upper
142 100
141 95.6 71.4 107.0
115 40.8 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

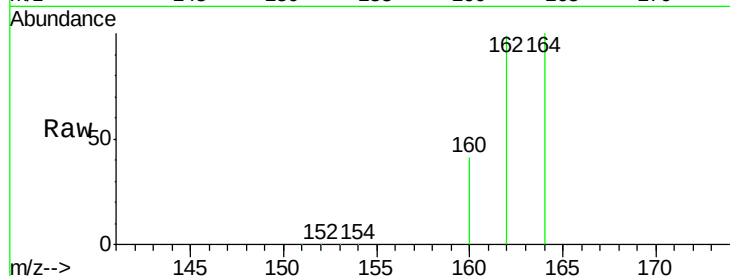
Tgt Ion:164 Resp: 75713

Ion Ratio Lower Upper

164 100

162 98.7 85.3 127.9

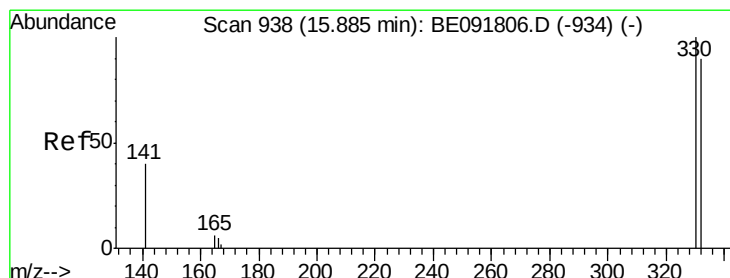
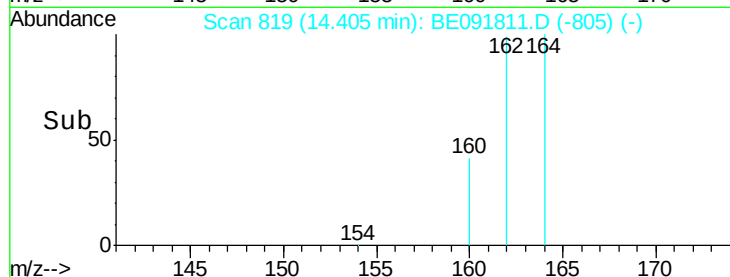
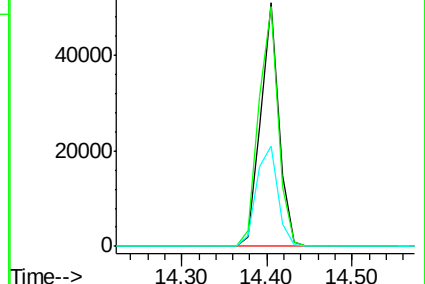
160 41.3 46.2 69.2#



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: 8.52 ng

RT: 15.89 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

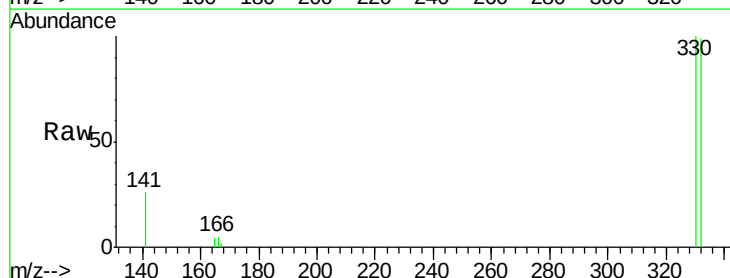
Tgt Ion:330 Resp: 25032

Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

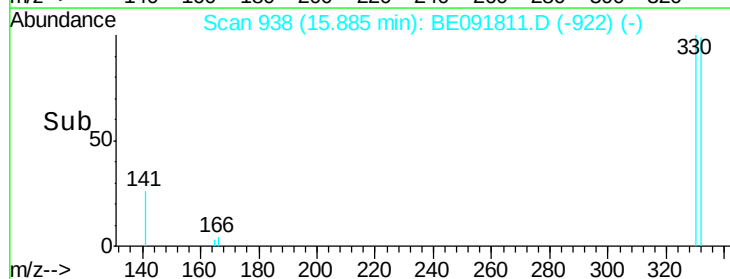
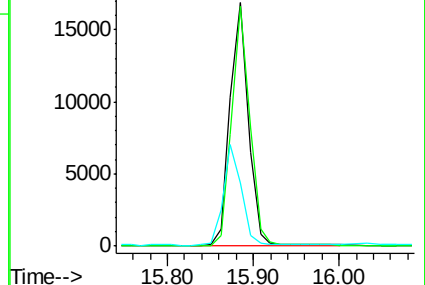
141 41.2 125.4 188.0#

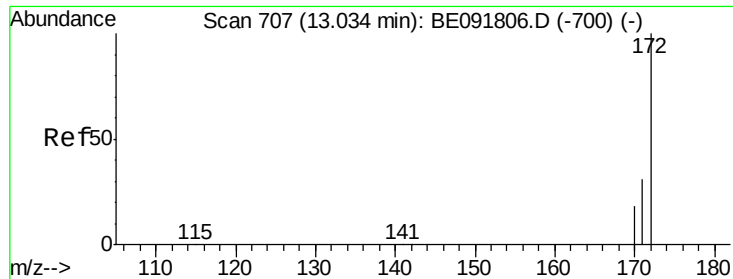


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

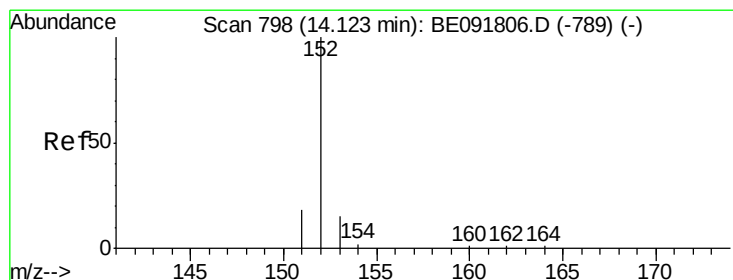
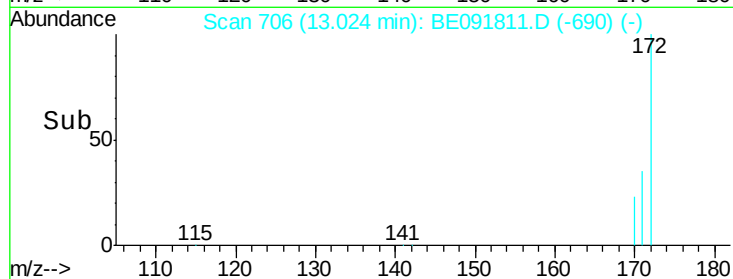
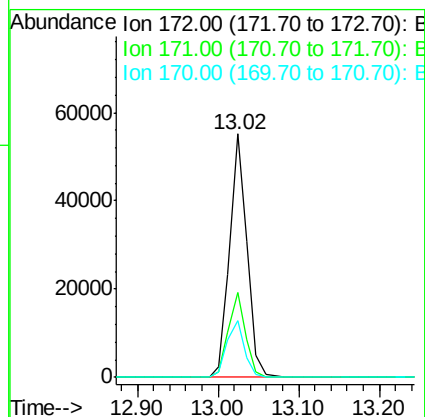
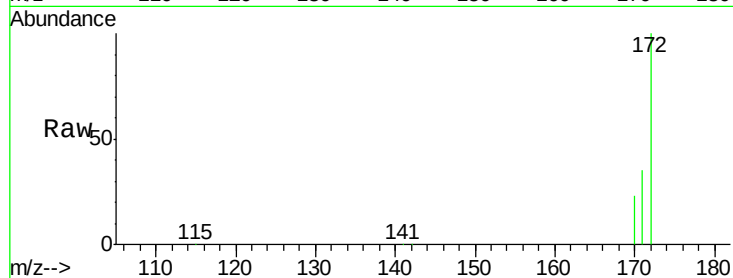




#15
2-Fluorobiphenyl
Concen: 3.81 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

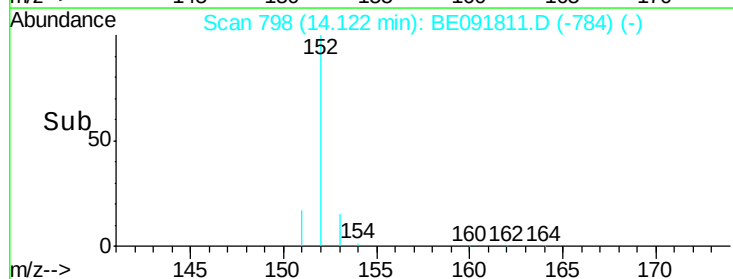
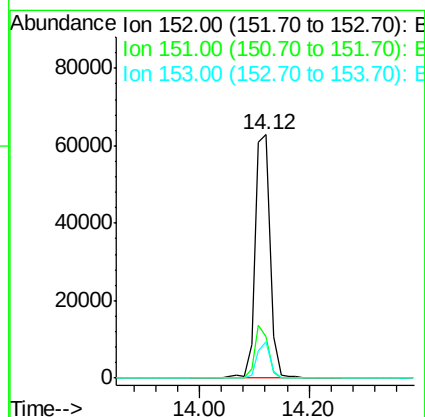
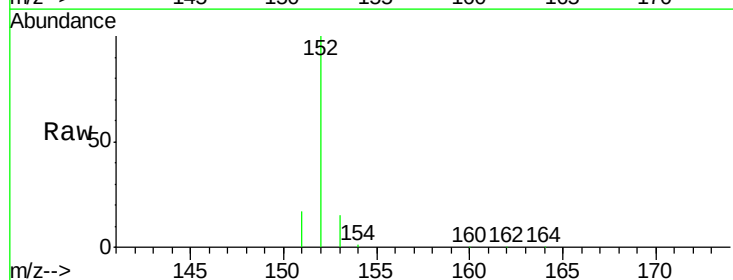
Instrument :
BNA_E
ClientSampleId :
PB90668BS

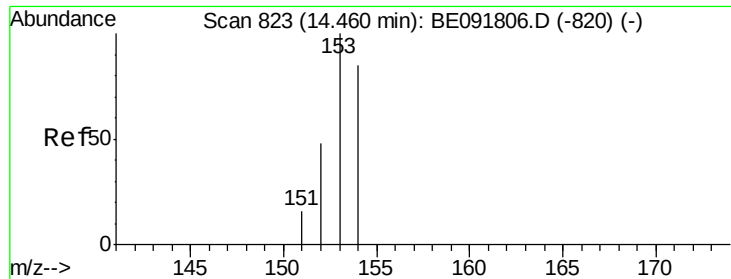
Tgt Ion:172 Resp: 81706
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.4 19.3 28.9



#16
Acenaphthylene
Concen: 3.77 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion:152 Resp: 127148
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.8 10.3 15.5





#17

Acenaphthene

Concen: 3.69 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

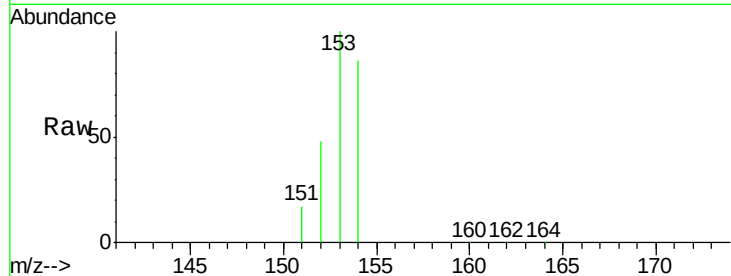
Tgt Ion:154 Resp: 74959

Ion Ratio Lower Upper

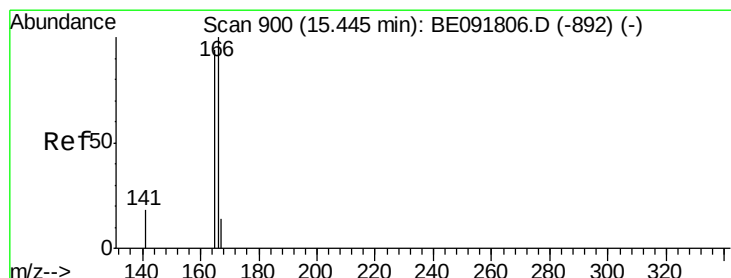
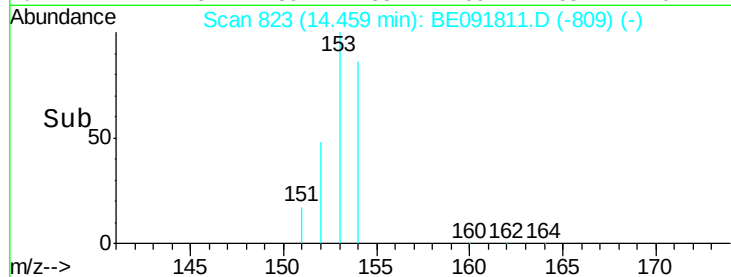
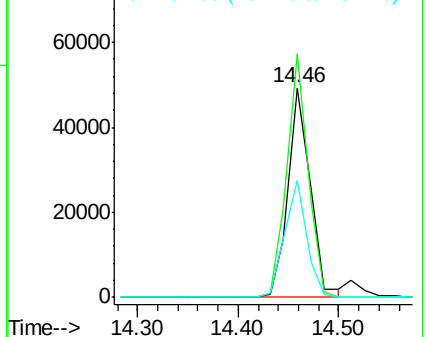
154 100

153 111.2 80.0 120.0

152 55.0 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: 3.95 ng

RT: 15.45 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

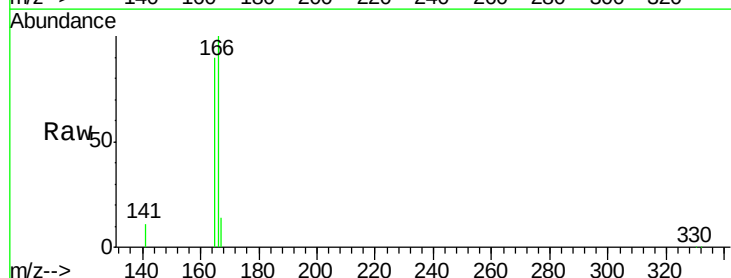
Tgt Ion:166 Resp: 103920

Ion Ratio Lower Upper

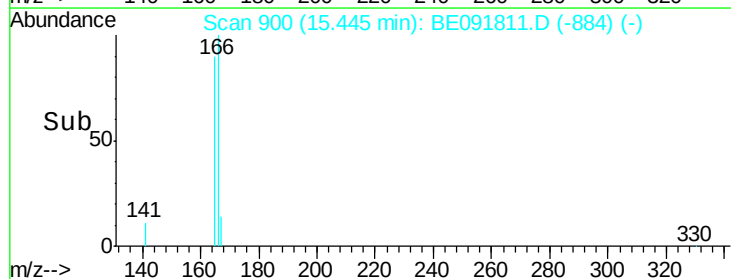
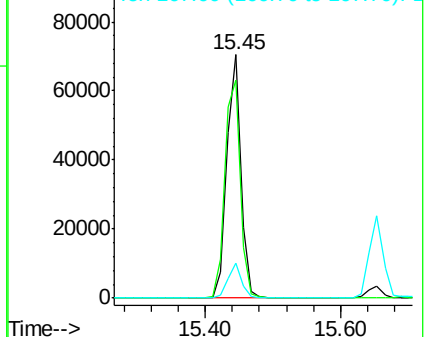
166 100

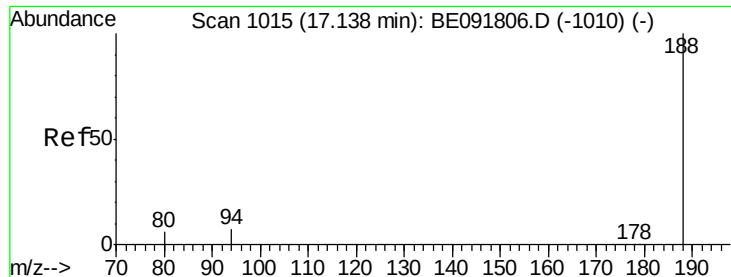
165 98.3 80.8 121.2

167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

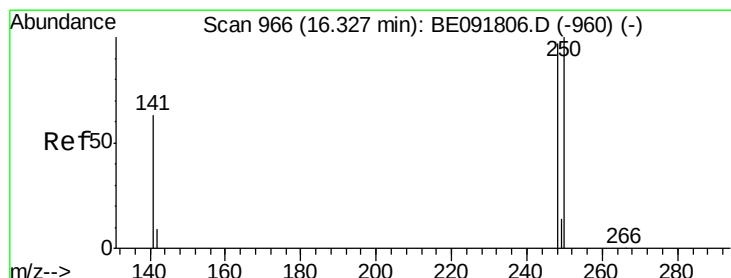
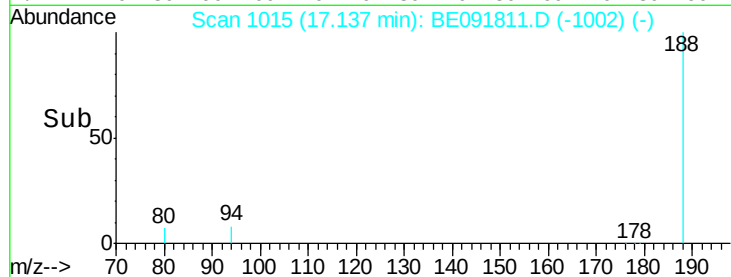
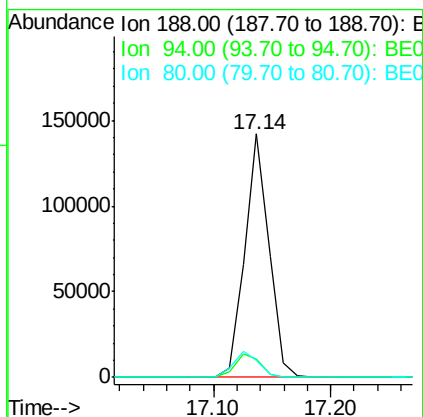
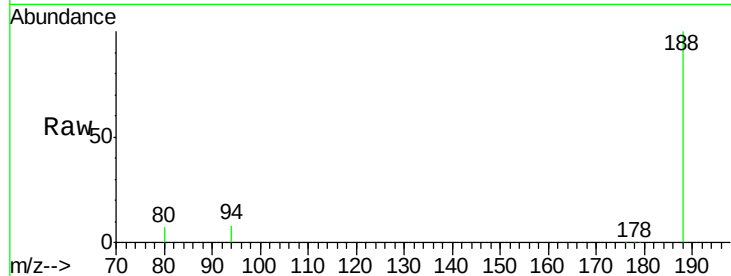




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

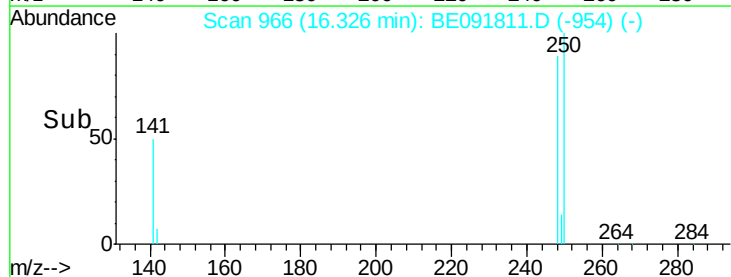
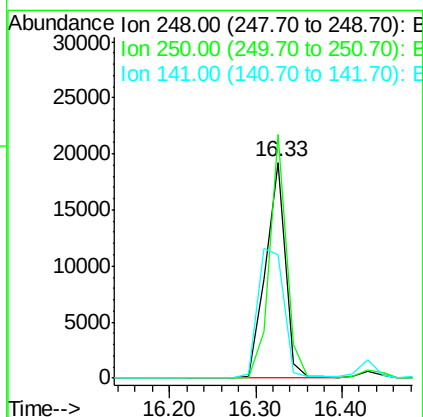
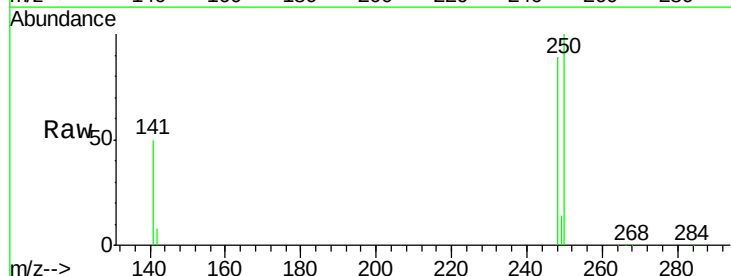
Instrument :
BNA_E
ClientSampleId :
PB90668BS

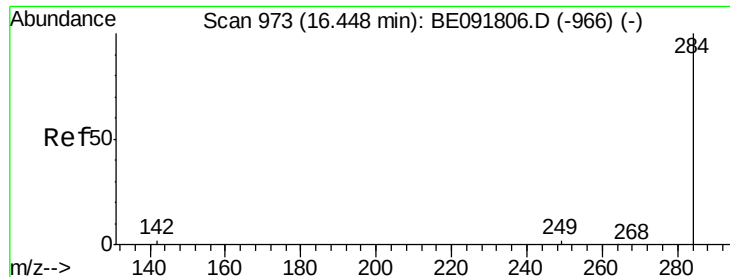
Tgt Ion:188 Resp: 203899
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 7.1 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion:248 Resp: 30531
Ion Ratio Lower Upper
248 100
250 98.4 80.5 120.7
141 78.8 72.0 108.0

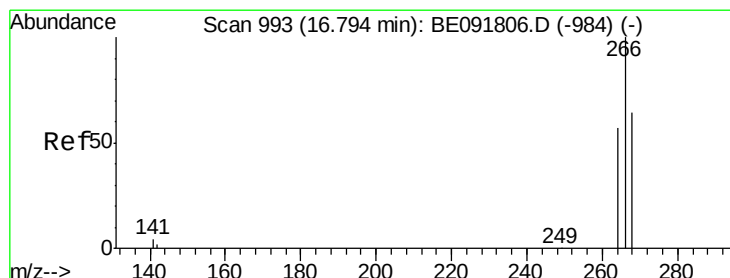
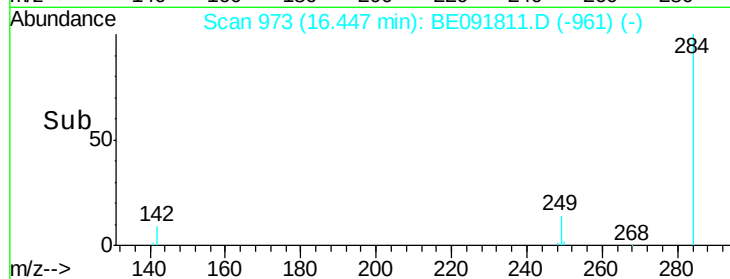
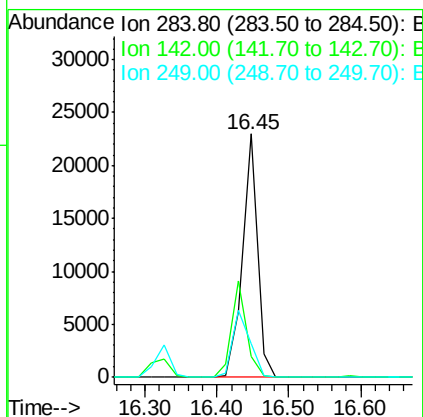
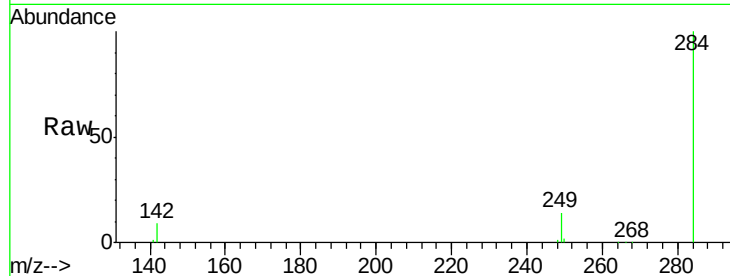




#21
Hexachlorobenzene
Concen: 4.11 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

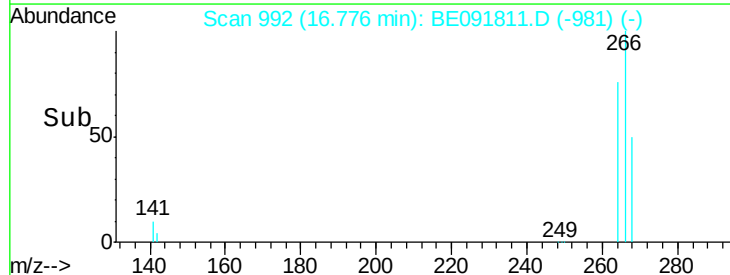
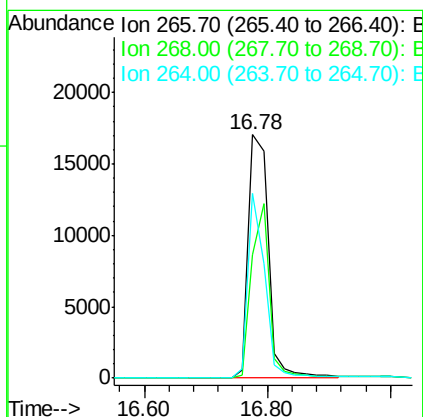
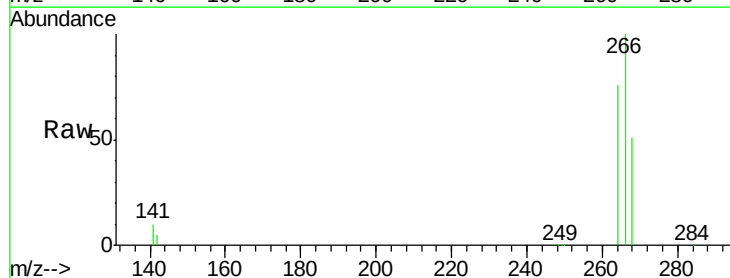
Instrument :
BNA_E
ClientSampleId :
PB90668BS

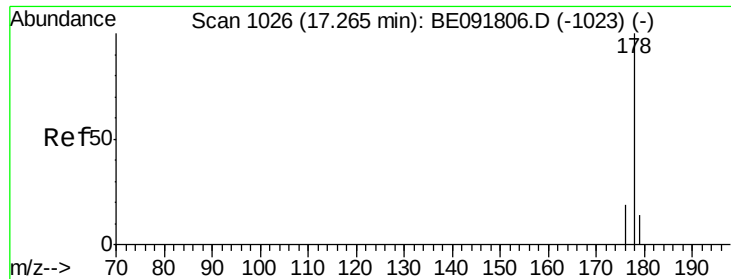
Tgt Ion:284 Resp: 32630
Ion Ratio Lower Upper
284 100
142 38.7 32.2 48.2
249 31.3 25.4 38.2



#22
Pentachlorophenol
Concen: 11.55 ng
RT: 16.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion:266 Resp: 37895
Ion Ratio Lower Upper
266 100
268 50.5 58.2 87.2#
264 76.0 56.2 84.4





#23

Phenanthrene

Concen: 5.50 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

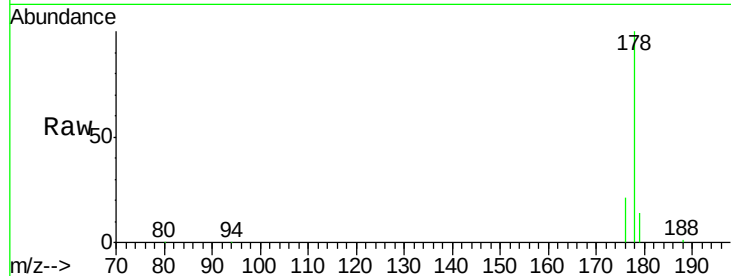
Tgt Ion:178 Resp: 219882

Ion Ratio Lower Upper

178 100

176 17.8 15.3 22.9

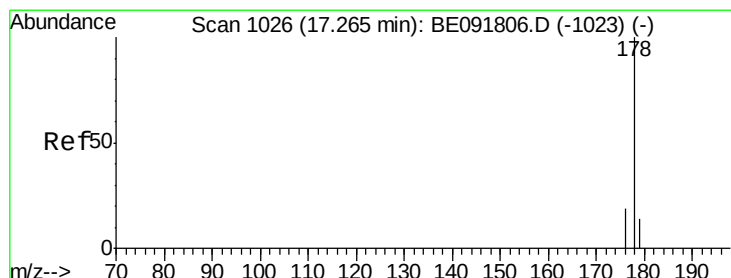
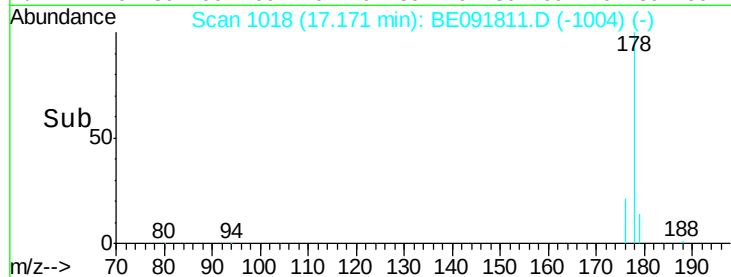
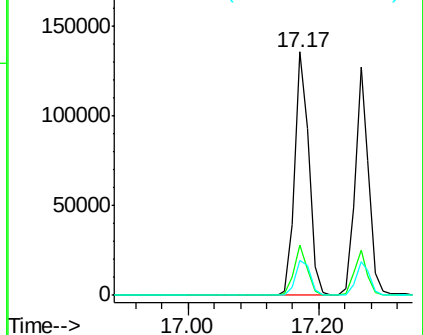
179 14.1 12.6 18.8



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: 4.26 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

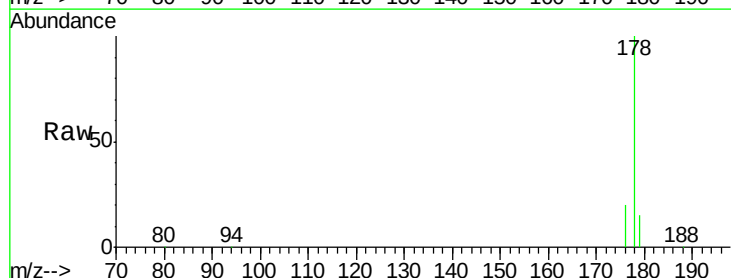
Tgt Ion:178 Resp: 189001

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

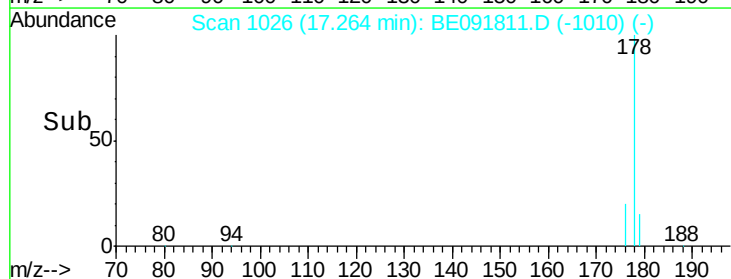
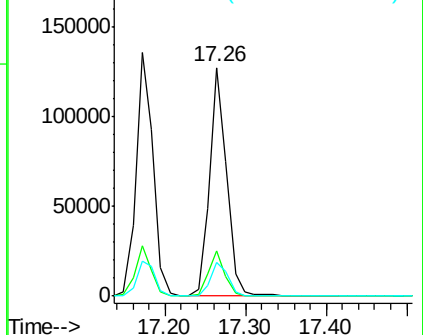
179 15.3 11.8 17.6

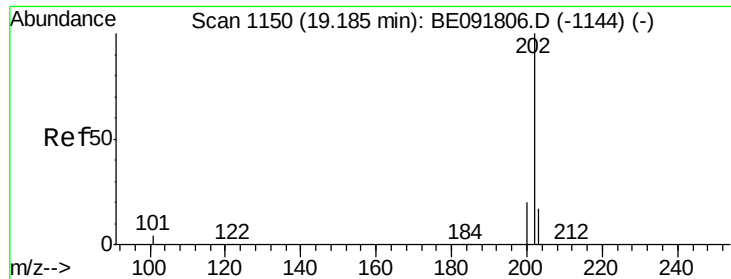


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.43 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

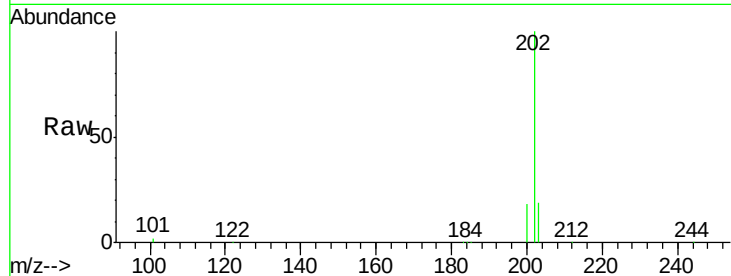
Tgt Ion: 202 Resp: 239996

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.6

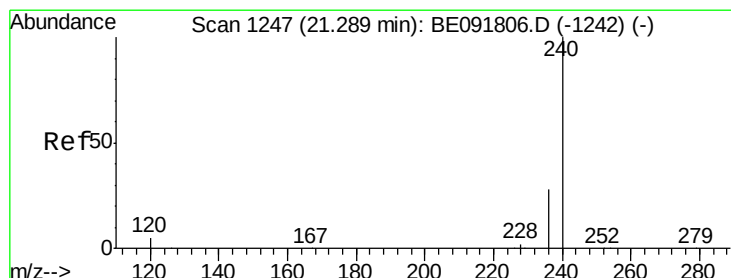
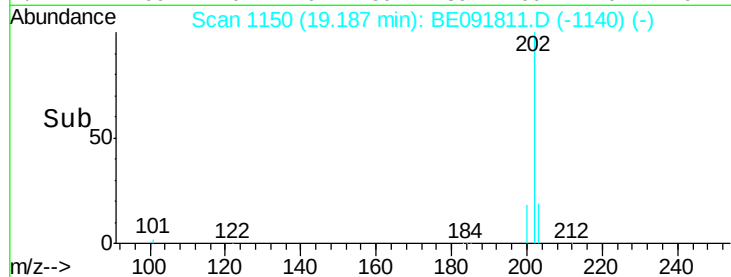
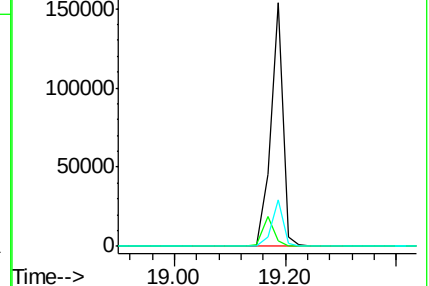
203 18.0 13.9 20.9



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: BE091811.D

Acq: 19 May 2016 15:44

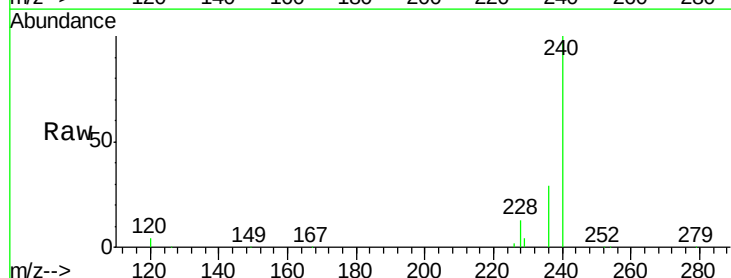
Tgt Ion: 240 Resp: 290570

Ion Ratio Lower Upper

240 100

120 4.5 11.0 16.4#

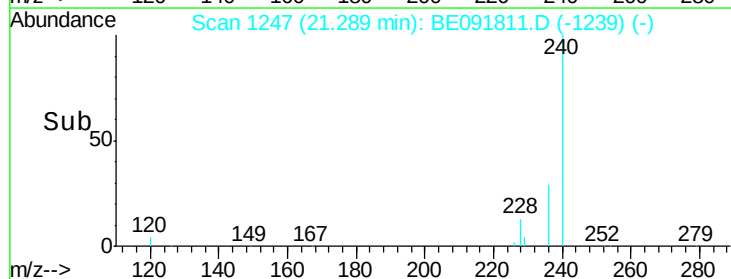
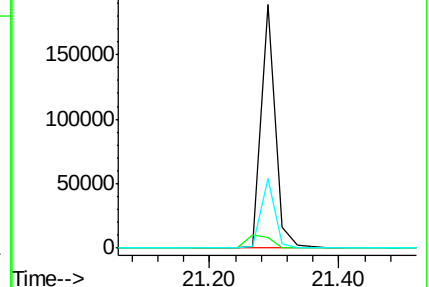
236 28.8 21.7 32.5

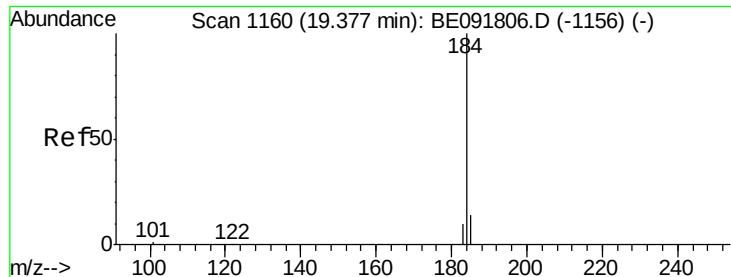


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 3.97 ng

RT: 19.36 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

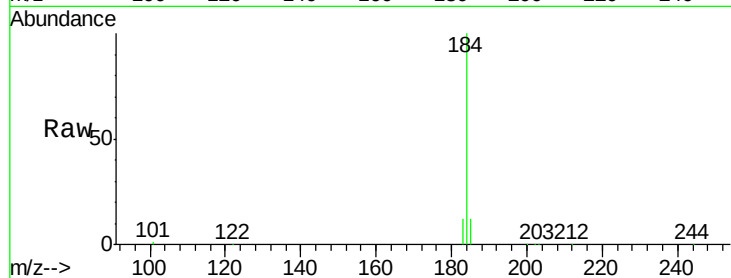
Tgt Ion:184 Resp: 101953

Ion Ratio Lower Upper

184 100

185 12.4 22.3 33.5#

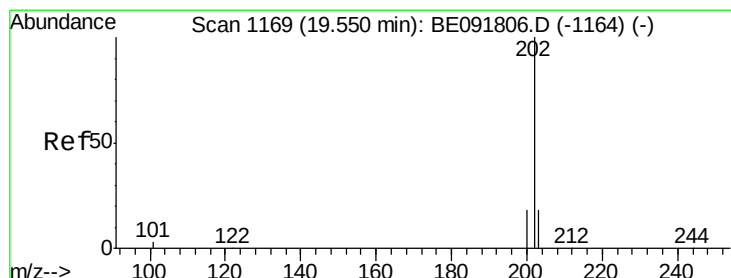
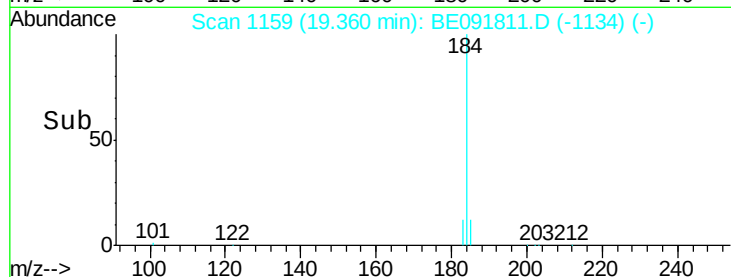
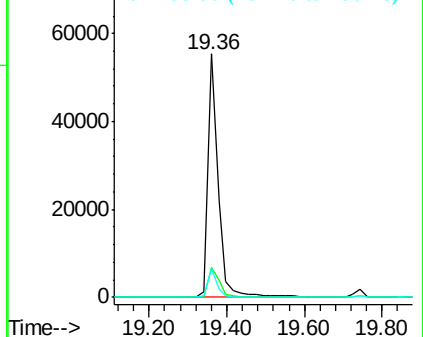
183 11.8 16.4 24.6#



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: 4.05 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

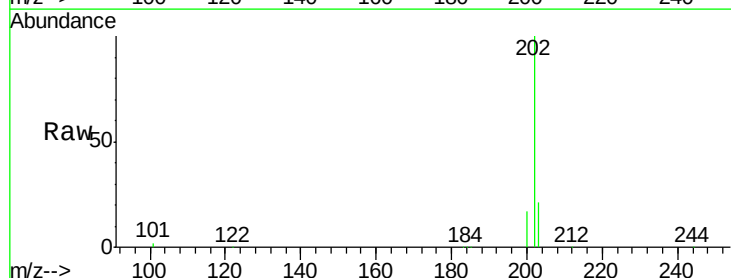
Tgt Ion:202 Resp: 258223

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

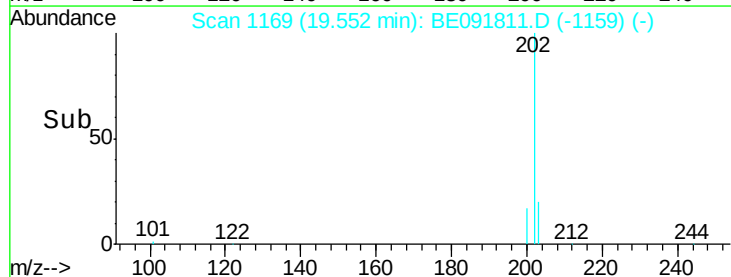
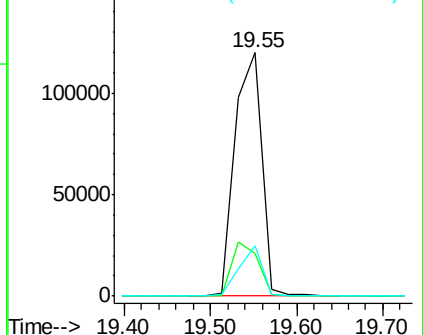
203 17.7 14.0 21.0

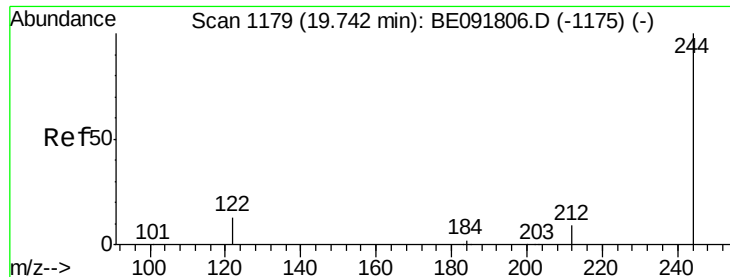


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.06 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampled :

PB90668BS

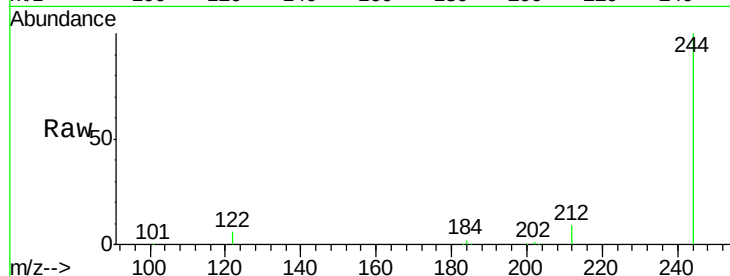
Tgt Ion:244 Resp: 166834

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

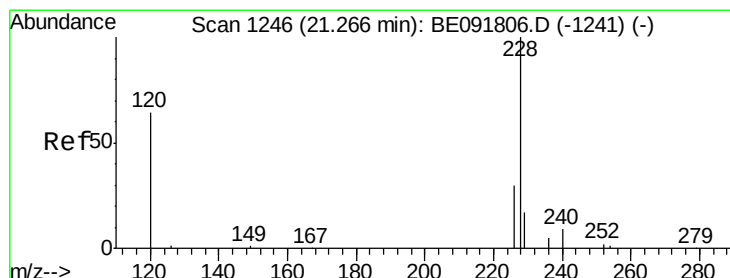
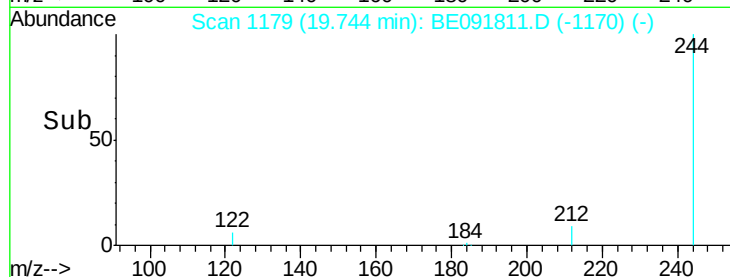
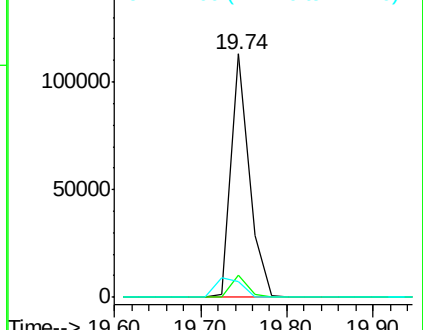
122 6.3 11.0 16.4#



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: 7.41 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

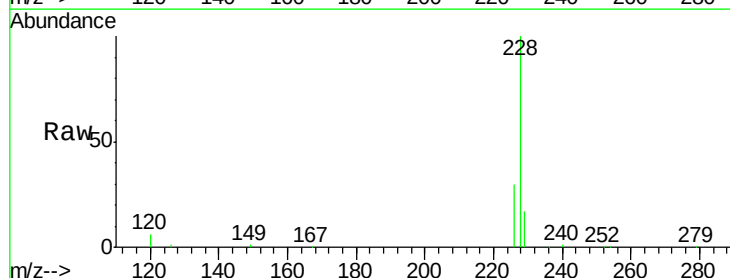
Tgt Ion:228 Resp: 519734

Ion Ratio Lower Upper

228 100

226 30.0 21.0 31.4

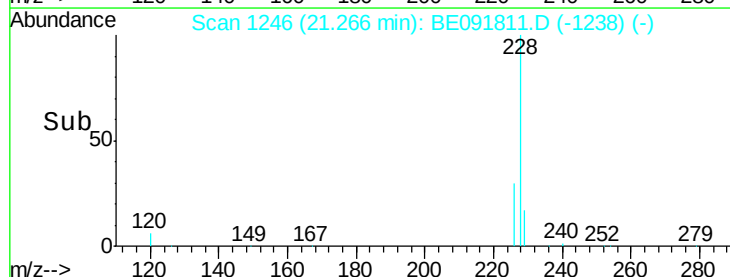
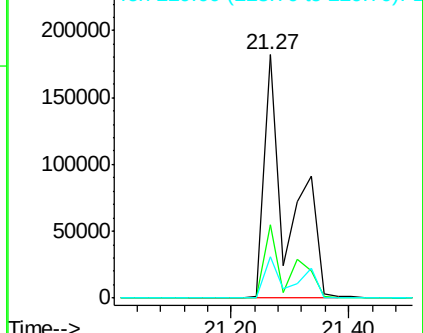
229 17.1 15.7 23.5

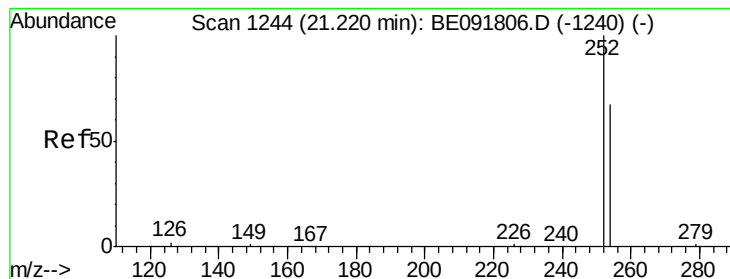


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.54 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampled :

PB90668BS

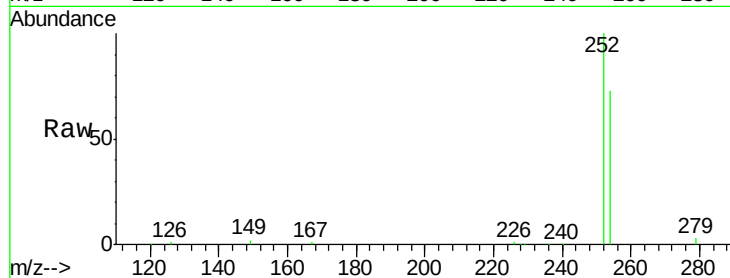
Tgt Ion:252 Resp: 68825

Ion Ratio Lower Upper

252 100

254 72.6 51.1 76.7

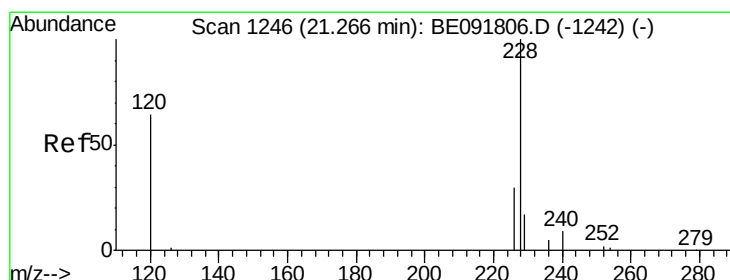
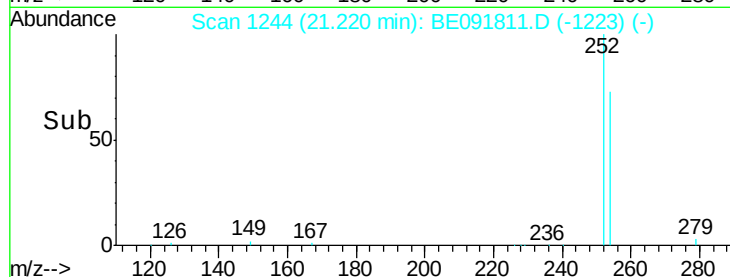
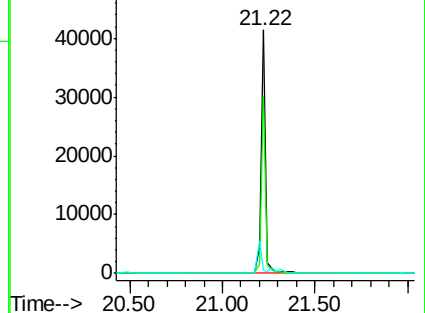
126 1.4 12.6 18.8#



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: 8.65 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.07 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

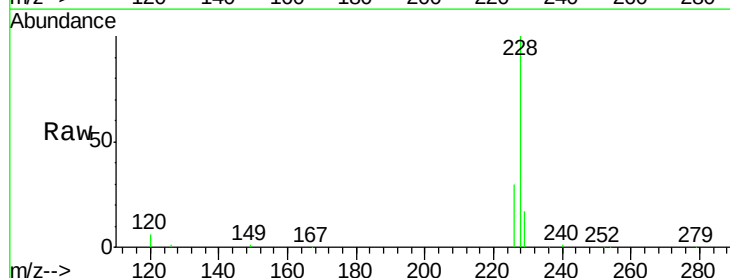
Tgt Ion:228 Resp: 521898

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

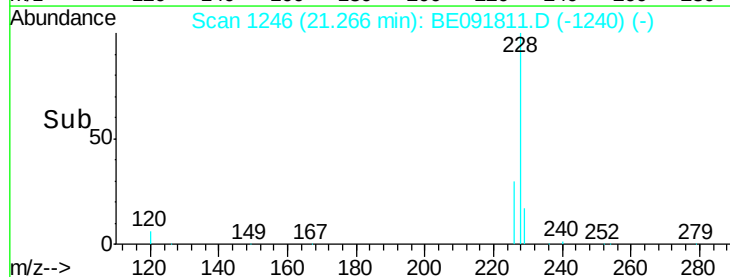
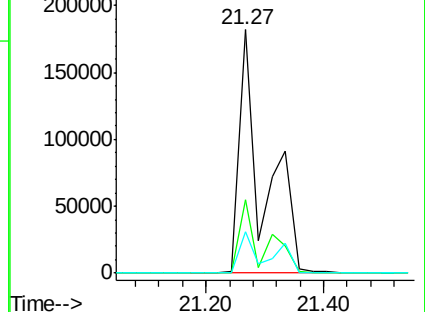
229 17.1 15.9 23.9

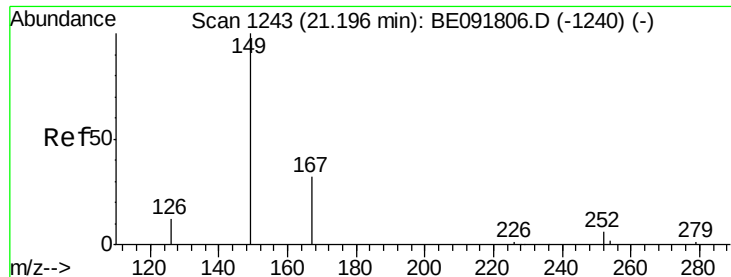


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

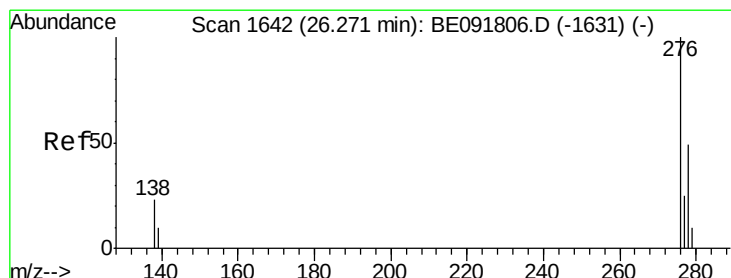
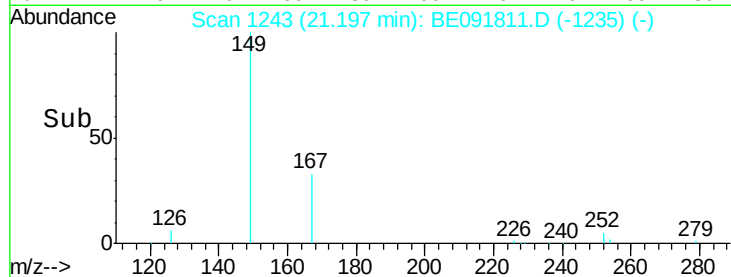
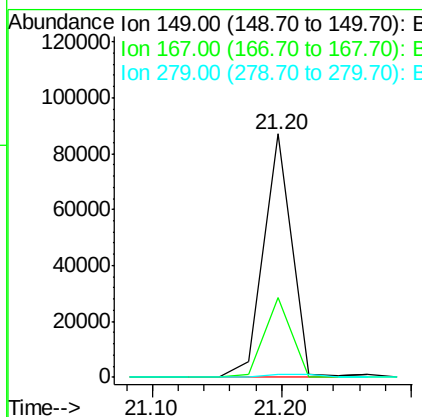
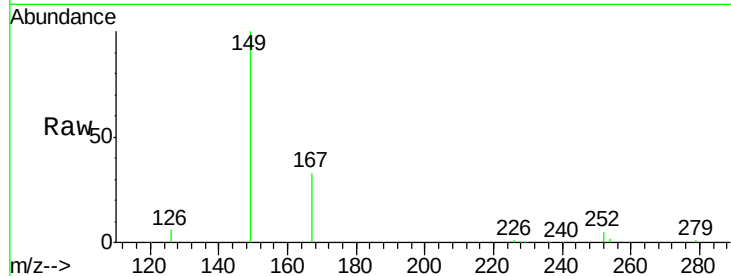




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.31 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

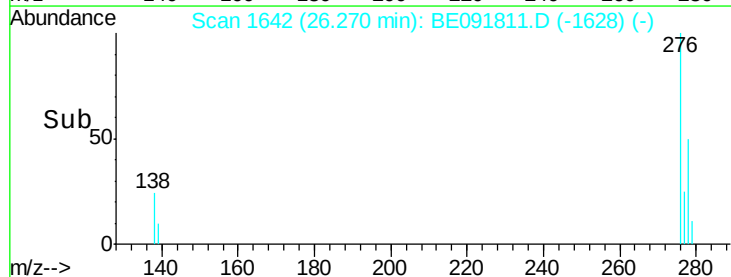
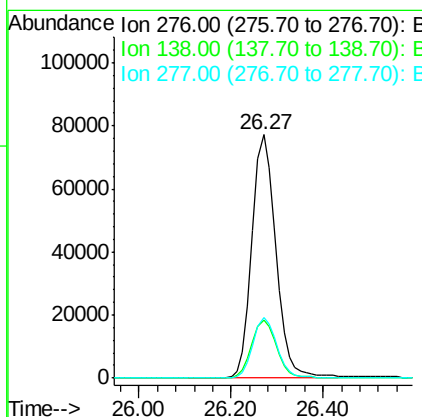
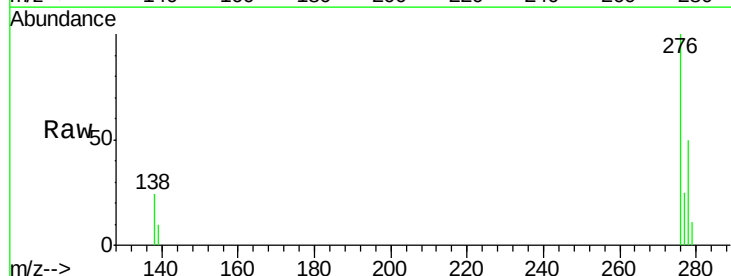
Instrument :
 BNA_E
 ClientSampleId :
 PB90668BS

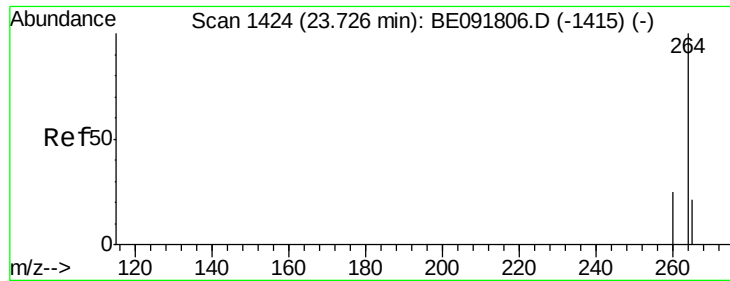
Tgt Ion:149 Resp: 128860
 Ion Ratio Lower Upper
 149 100
 167 31.9 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.88 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.04 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Tgt Ion:276 Resp: 278914
 Ion Ratio Lower Upper
 276 100
 138 24.7 23.4 35.2
 277 24.9 19.8 29.8

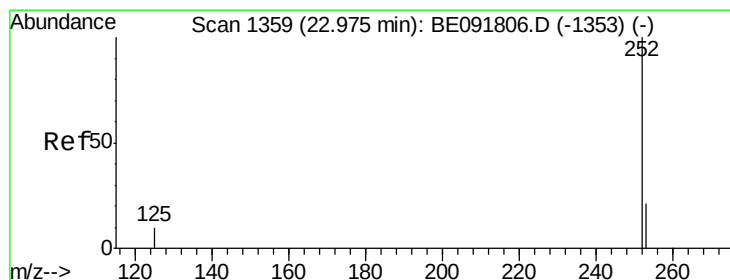
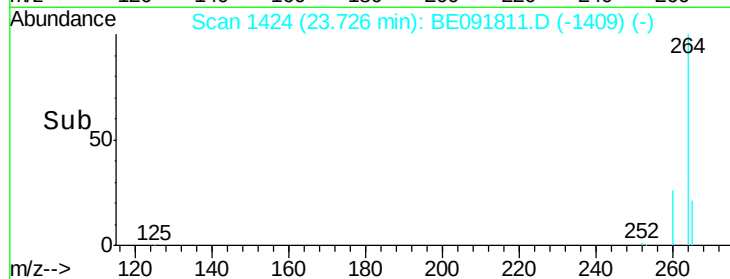
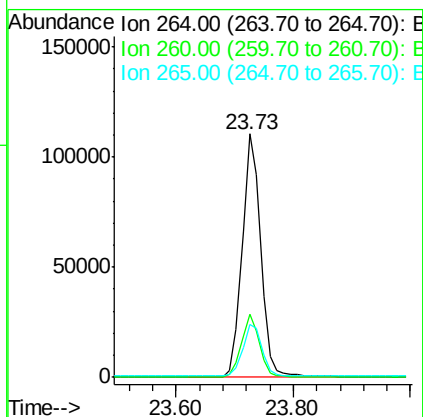
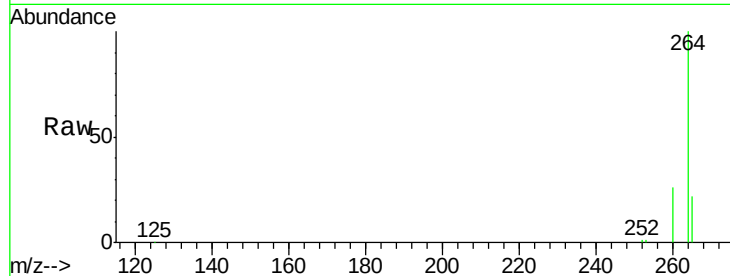




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

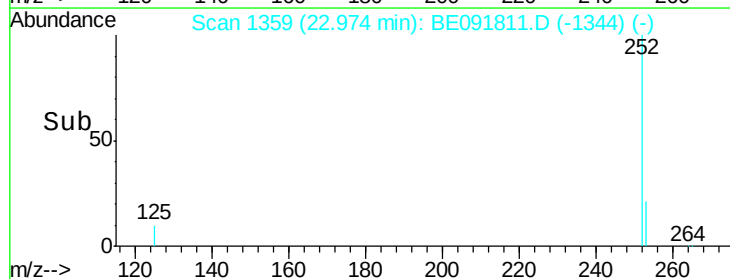
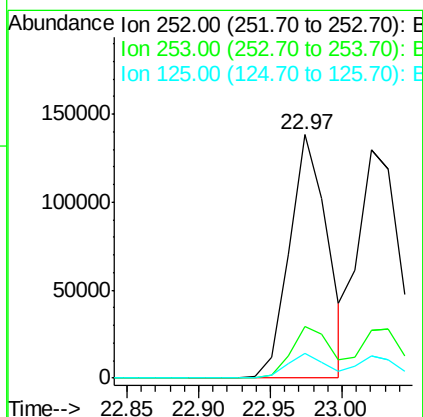
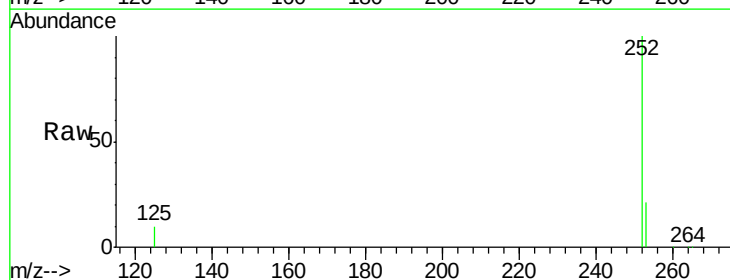
Instrument :
 BNA_E
 ClientSampleId :
 PB90668BS

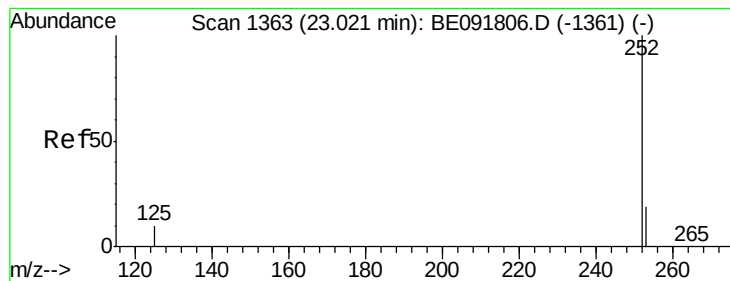
Tgt Ion: 264 Resp: 243892
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 21.5 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.15 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Tgt Ion: 252 Resp: 253161
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.4 26.0
 125 9.9 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 4.05 ng

RT: 22.97 min Scan# 1359

Delta R.T. -0.07 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

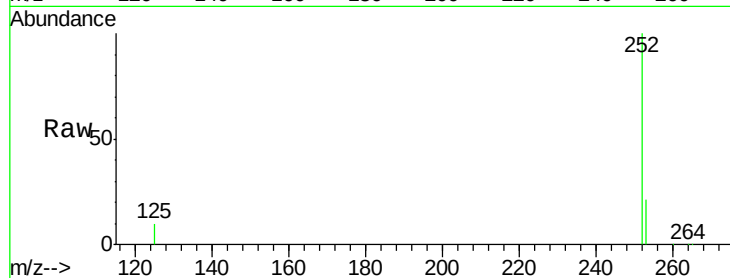
Tgt Ion:252 Resp: 253161

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

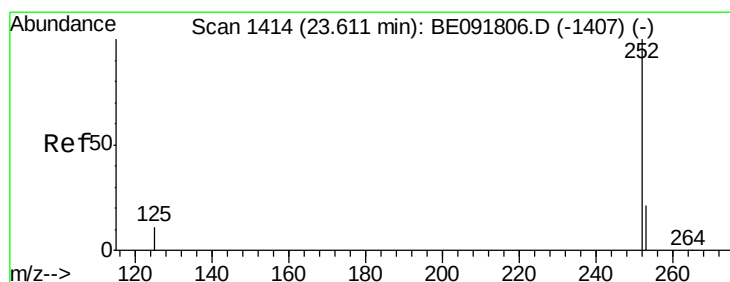
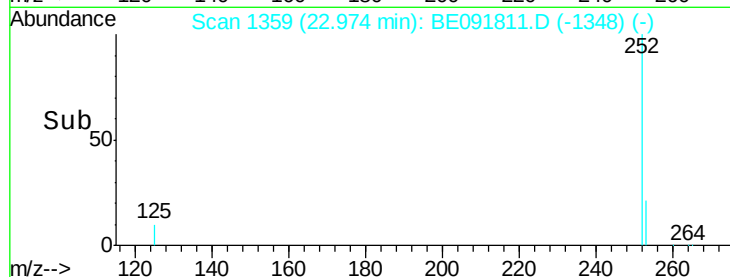
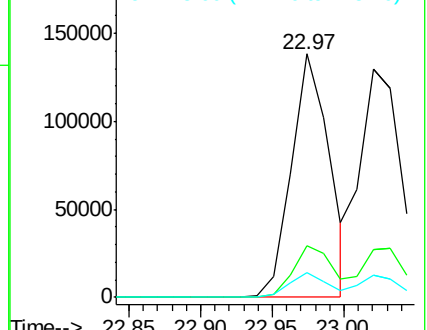
125 9.9 9.9 14.9



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: 4.17 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

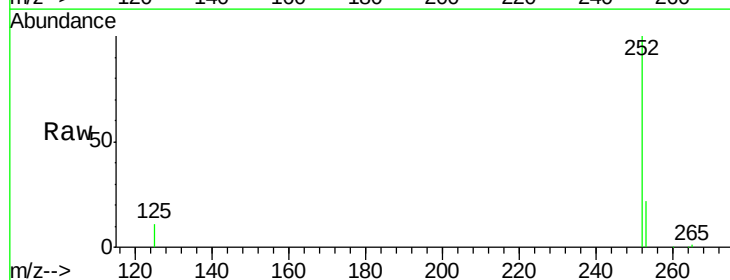
Tgt Ion:252 Resp: 243039

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

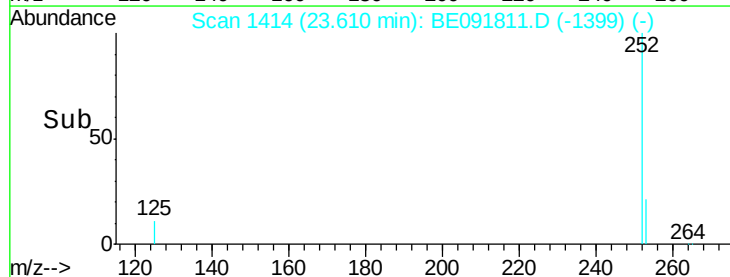
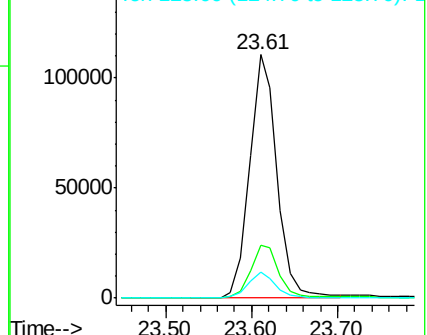
125 10.9 11.0 16.4#

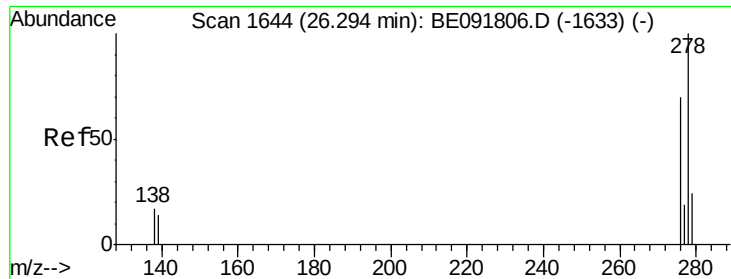


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.11 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

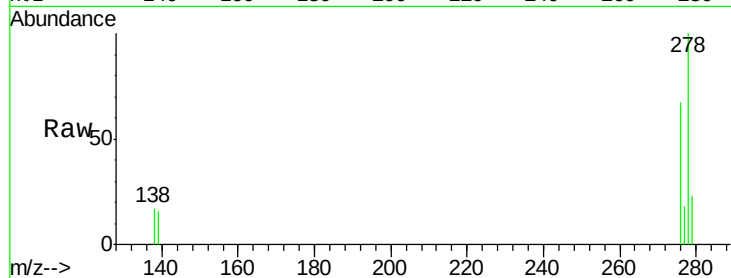
Tgt Ion: 278 Resp: 234008

Ion Ratio Lower Upper

278 100

139 15.6 16.0 24.0#

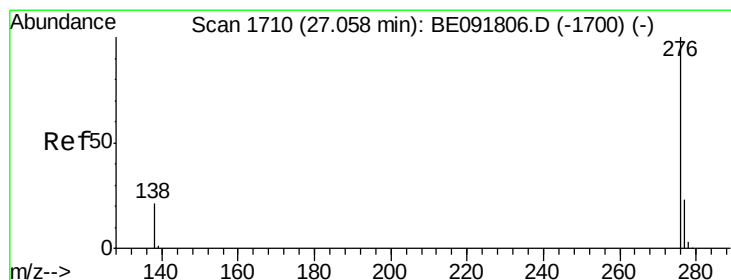
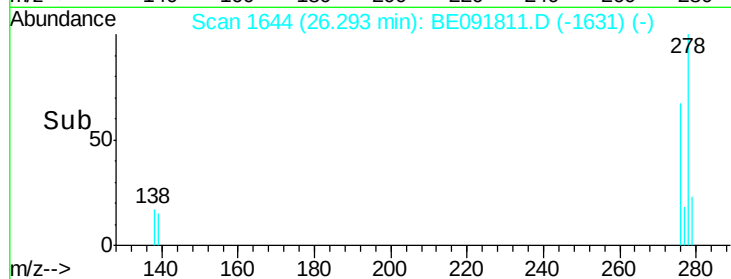
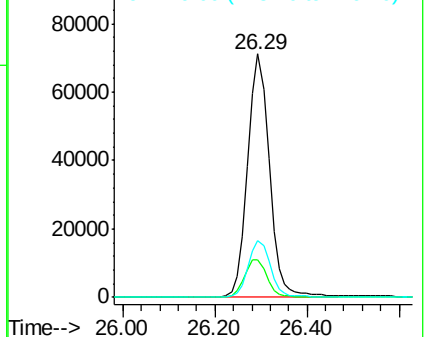
279 23.3 19.4 29.2



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: 4.00 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

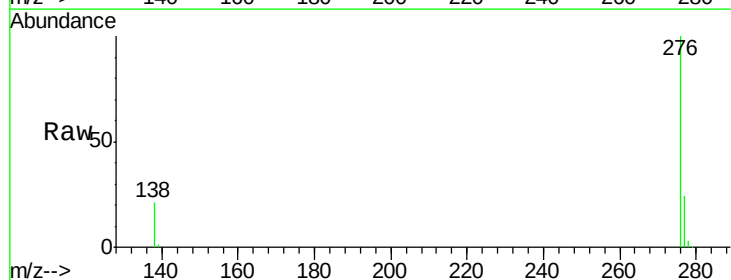
Tgt Ion: 276 Resp: 234752

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 20.9 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

