

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091687.D
 Acq On : 20 Apr 2016 16:18
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 17:15:17 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:30:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	31388	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	155147	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	94725	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	223179	5.00	ng	0.00
26) Chrysene-d12	21.31	240	248818	5.00	ng	0.00
35) Perylene-d12	23.75	264	230068	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	22606	3.31	ng	0.00
5) Phenol-d6	6.95	99	31730	3.45	ng	-0.02
8) Nitrobenzene-d5	8.96	82	28489	3.58	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	10618	5.30	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	84803	3.21	ng	-0.01
29) Terphenyl-d14	19.76	244	133408	3.93	ng	0.00

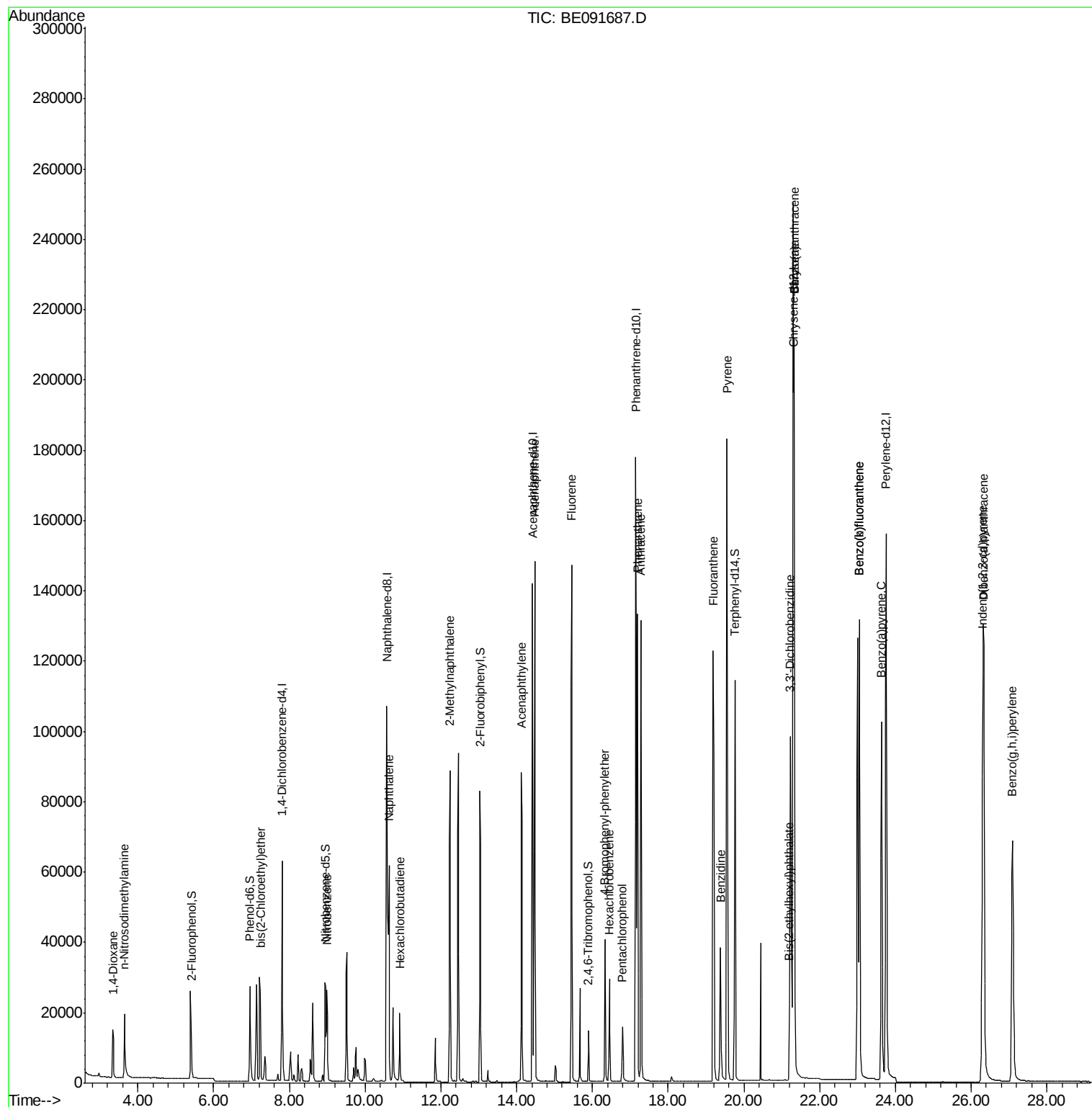
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	11184	2.76	ng	# 90
3) n-Nitrosodimethylamine	3.64	42	15314	3.40	ng	93
6) bis(2-Chloroethyl)ether	7.23	93	28105	3.32	ng	# 76
9) Nitrobenzene	8.99	77	30890	3.86	ng	95
10) Naphthalene	10.63	128	100843	3.19	ng	97
11) Hexachlorobutadiene	10.92	225	16248	3.55	ng	98
12) 2-Methylnaphthalene	12.24	142	67291	3.34	ng	94
16) Acenaphthylene	14.12	152	127649	3.66	ng	# 86
17) Acenaphthene	14.47	154	76041	3.26	ng	89
18) Fluorene	15.46	166	96392	3.38	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	26597	3.44	ng	97
21) Hexachlorobenzene	16.45	284	27392	3.34	ng	96
22) Pentachlorophenol	16.79	266	11257	4.14	ng	88
23) Phenanthrene	17.19	178	166843	3.29	ng	99
24) Anthracene	17.27	178	157705	3.50	ng	98
25) Fluoranthene	19.19	202	172009	3.41	ng	98
27) Benzidine	19.38	184	54697	3.03	ng	# 76
28) Pyrene	19.55	202	197768	3.98	ng	99
30) Benzo(a)anthracene	21.33	228	416291	7.21	ng	# 90
31) 3,3'-Dichlorobenzidine	21.22	252	97247	4.30	ng	# 80
32) Chrysene	21.33	228	417882	7.14	ng	95
33) Bis(2-ethylhexyl)phthalate	21.20	149	45708	4.32	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	196984	3.70	ng	97
36) Benzo(b)fluoranthene	23.04	252	176697	3.49	ng	97
37) Benzo(k)fluoranthene	23.04	252	179418	3.34	ng	97
38) Benzo(a)pyrene	23.63	252	163422	3.46	ng	97
39) Dibenzo(a,h)anthracene	26.33	278	163666	3.55	ng	96
40) Benzo(g,h,i)perylene	27.09	276	163977	3.43	ng	96

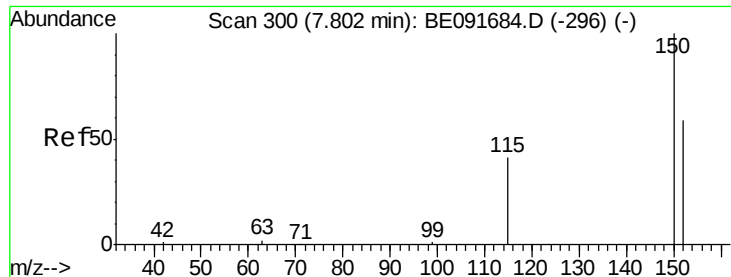
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

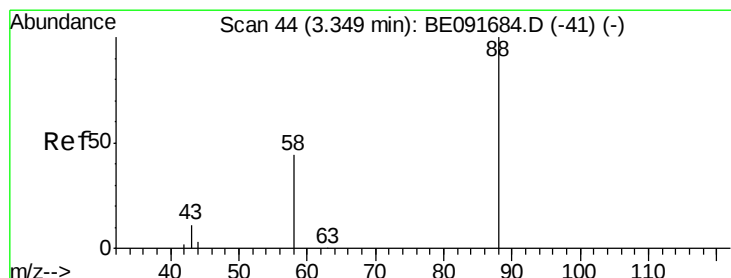
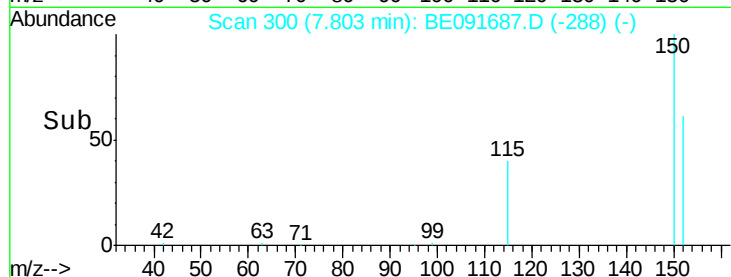
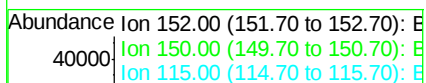
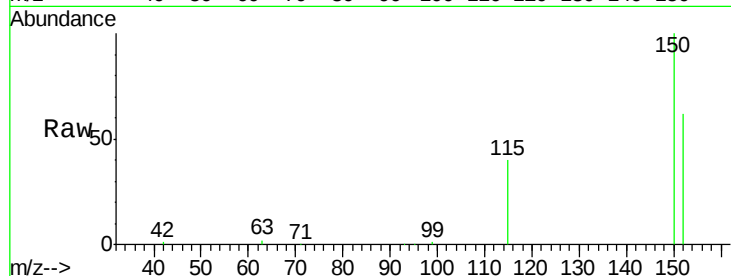
Tot Ion:152 Resp: 31388

Ion Ratio Lower Upper

152 100

150 162.5 122.6 183.8

115 65.7 52.8 79.2



#2

1,4-Dioxane

Concen: 2.76 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

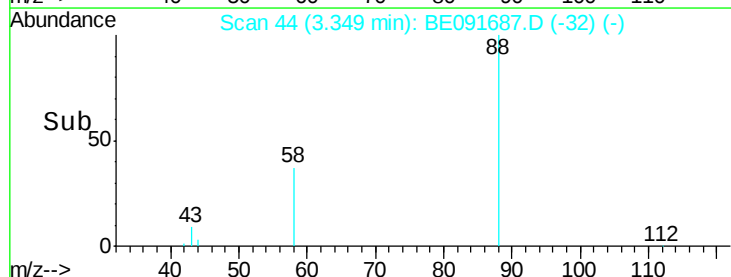
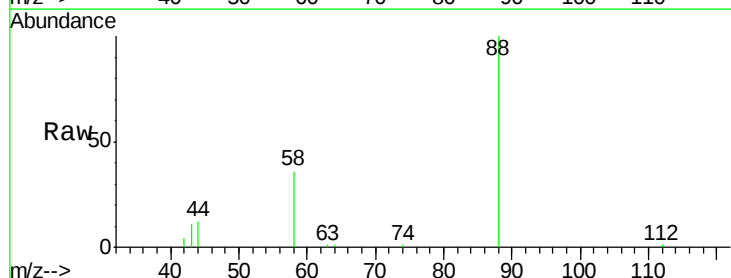
Tgt Ion: 88 Resp: 11184

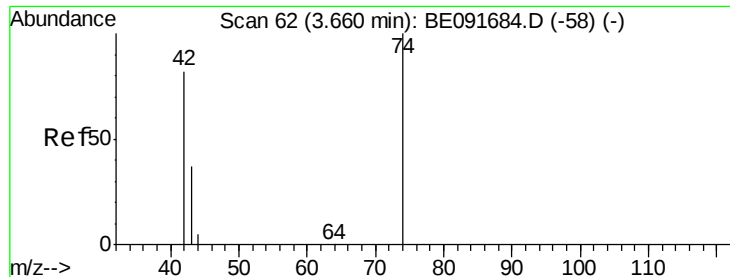
Ion Ratio Lower Upper

88 100

58 88.9 65.8 98.6

43 40.5 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 3.40 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

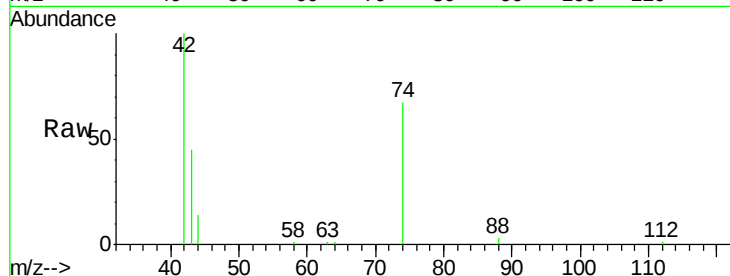
Tot Ion: 42 Resp: 15314

Ion Ratio Lower Upper

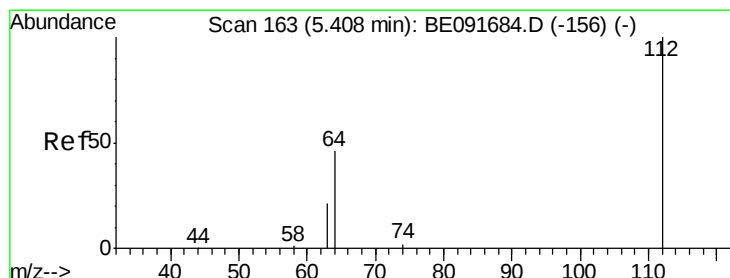
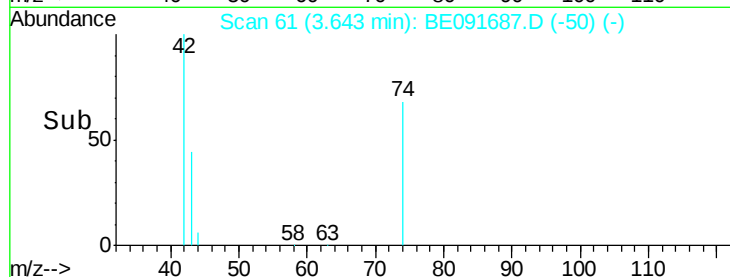
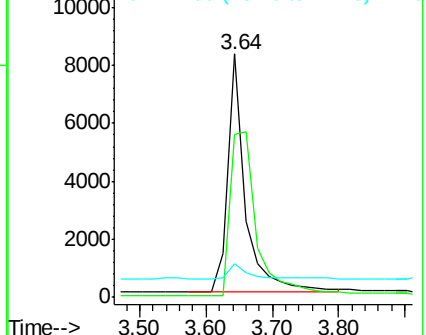
42 100

74 102.4 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: 3.31 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

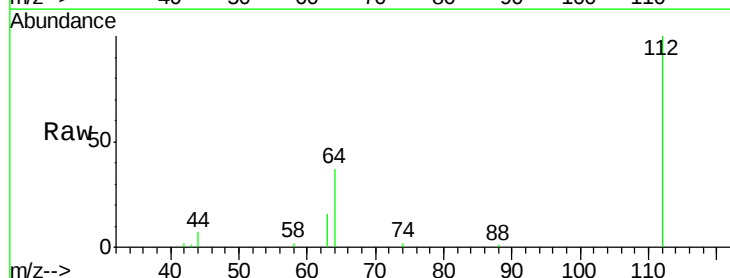
Tgt Ion: 112 Resp: 22606

Ion Ratio Lower Upper

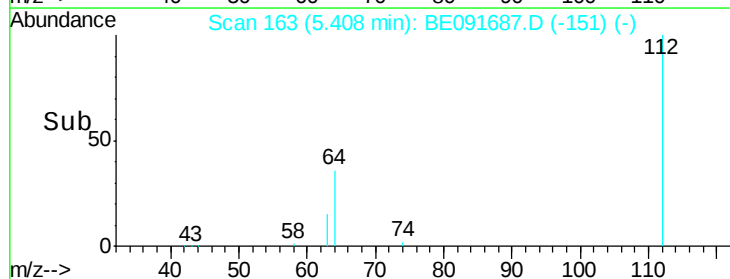
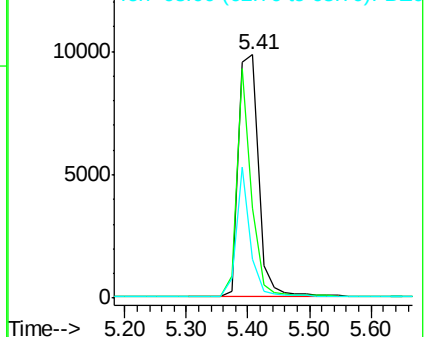
112 100

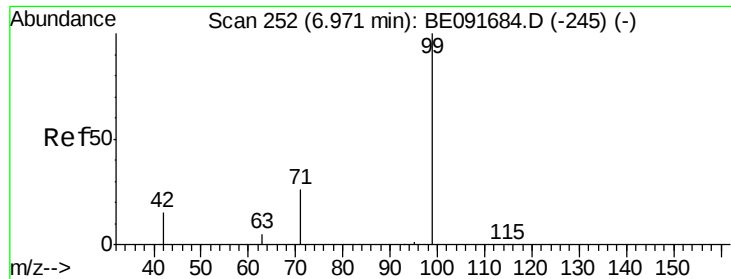
64 67.4 30.9 46.3#

63 36.8 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: 3.45 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

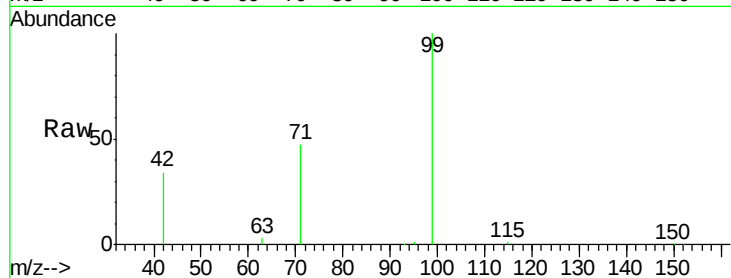
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 31730

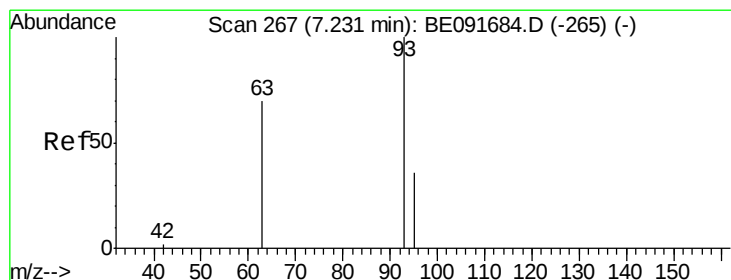
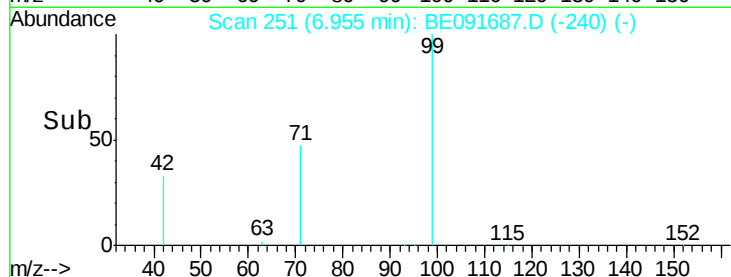
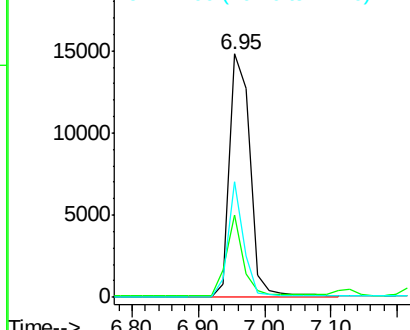
Ion	Ratio	Lower	Upper
99	100		
42	27.2	16.2	24.2#
71	36.2	29.0	43.4



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: 3.32 ng

RT: 7.23 min Scan# 267

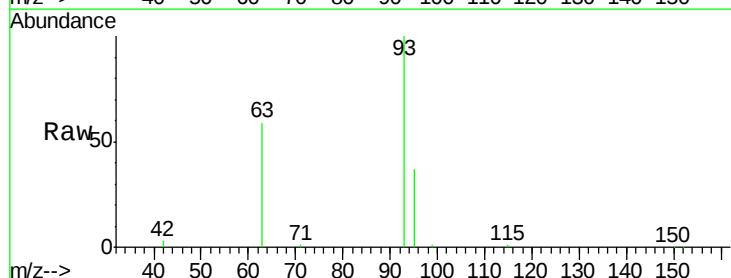
Delta R.T. 0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Tgt Ion: 93 Resp: 28105

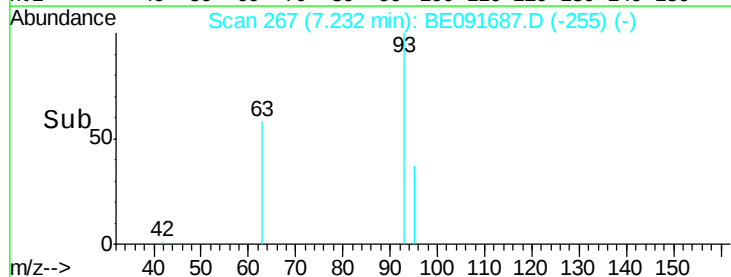
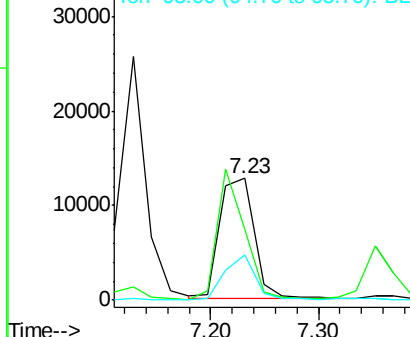
Ion	Ratio	Lower	Upper
93	100		
63	86.0	49.5	74.3#
95	32.3	22.2	33.4

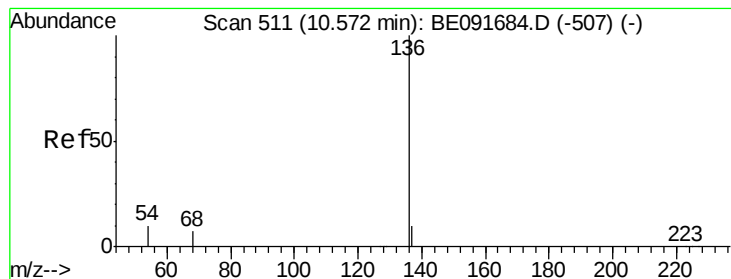


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 155147

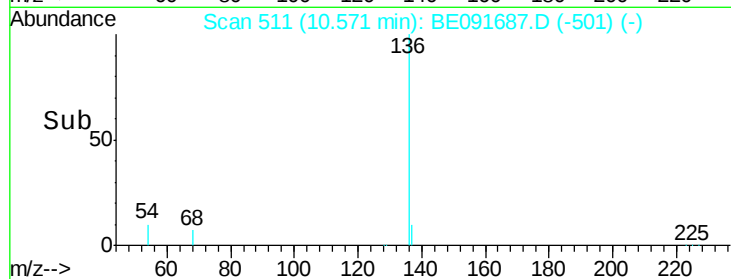
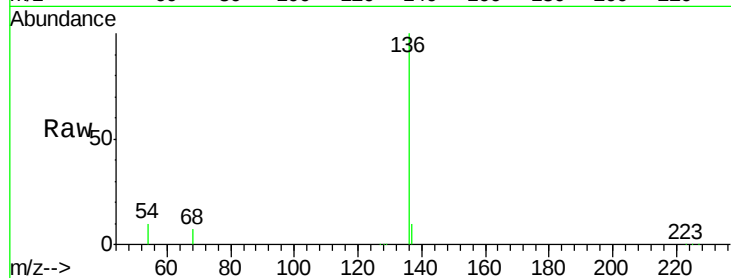
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.7 8.2 12.4

68 6.7 6.2 9.4

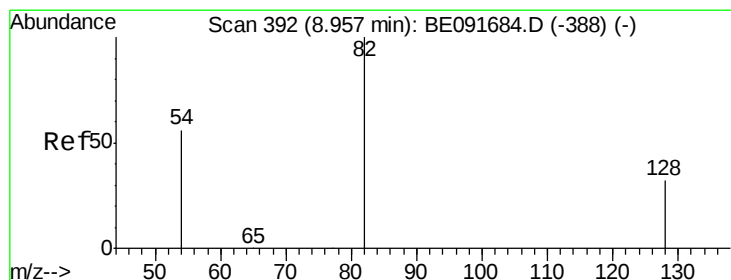
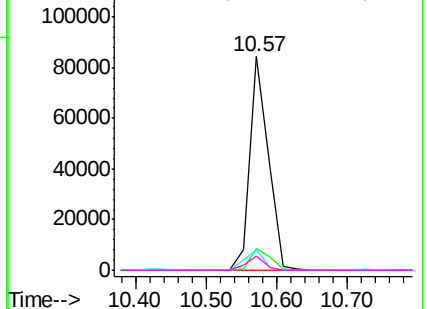


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.58 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

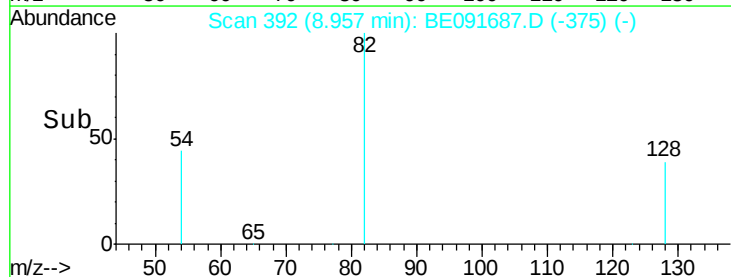
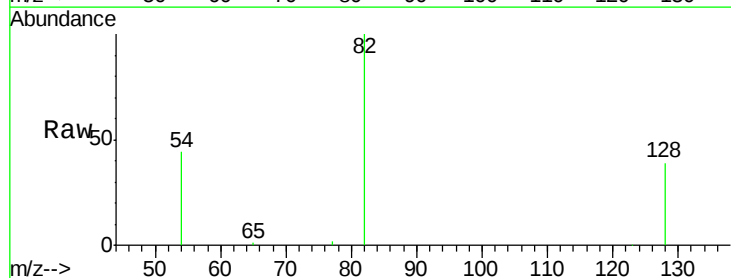
Tgt Ion: 82 Resp: 28489

Ion Ratio Lower Upper

82 100

128 39.4 25.4 38.0#

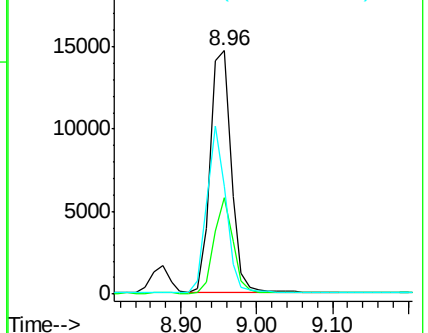
54 44.3 48.4 72.6#

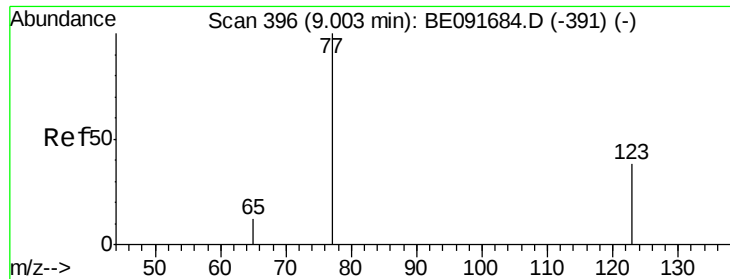


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.86 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

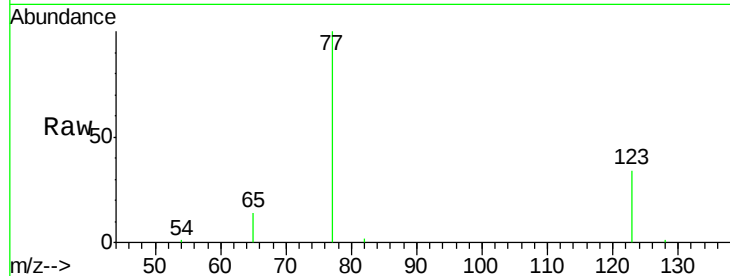
Tot Ion: 77 Resp: 30890

Ion Ratio Lower Upper

77 100

123 36.6 26.9 40.3

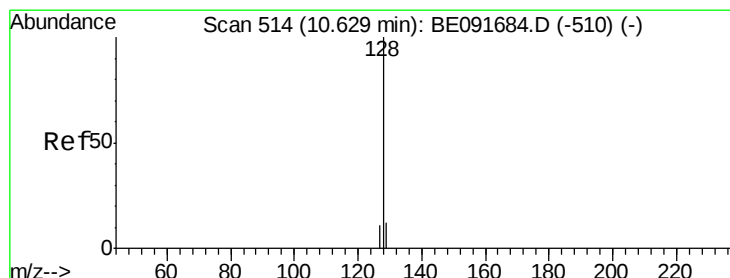
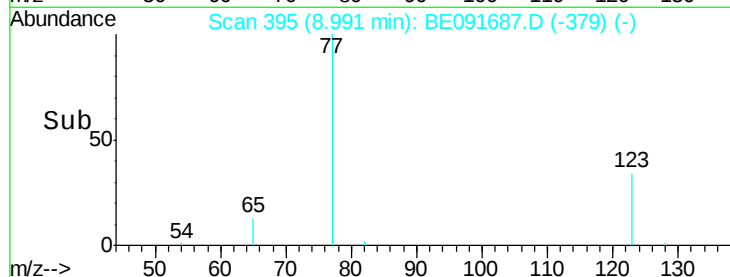
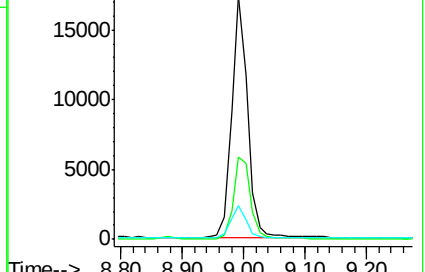
65 13.8 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091687.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091687.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091687.D (-391) (-)



#10

Naphthalene

Concen: 3.19 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

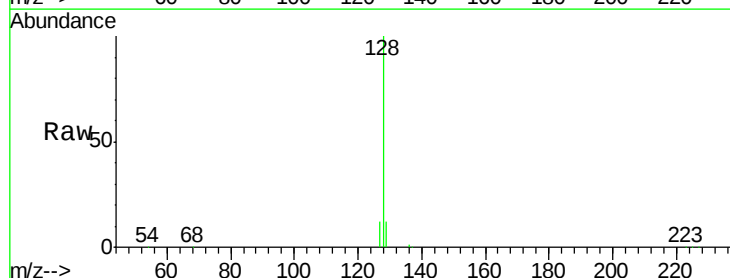
Tgt Ion: 128 Resp: 100843

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

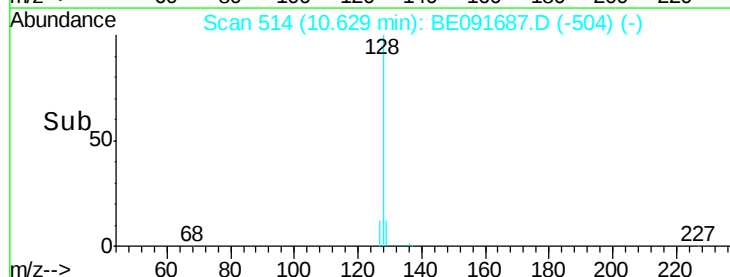
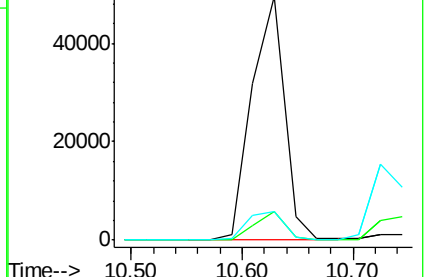
127 11.7 10.7 16.1

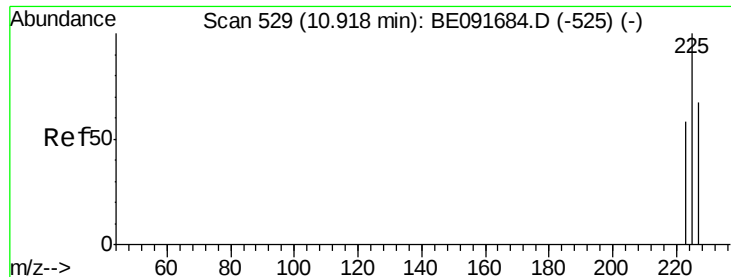


Abundance Ion 128.00 (127.70 to 128.70): BE091687.D (-510) (-)

Ion 129.00 (128.70 to 129.70): BE091687.D (-510) (-)

Ion 127.00 (126.70 to 127.70): BE091687.D (-510) (-)

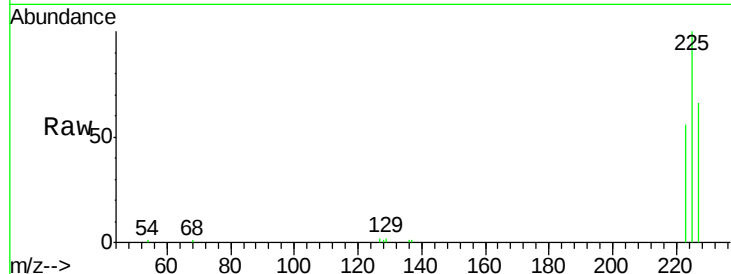




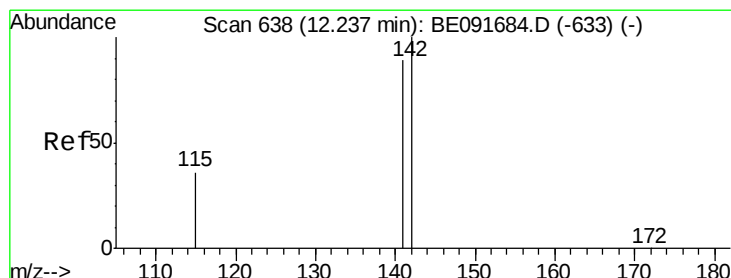
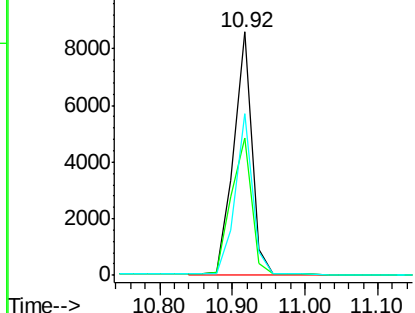
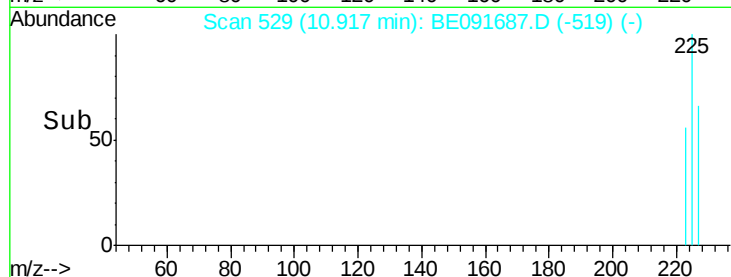
#11
Hexachlorobutadiene
Concen: 3.55 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:225 Resp: 16248
Ion Ratio Lower Upper
225 100
223 63.4 49.0 73.6
227 64.1 50.3 75.5

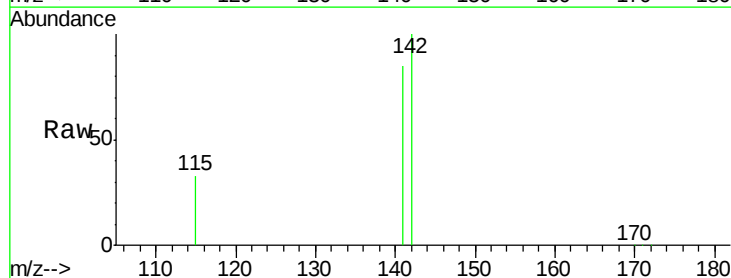


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

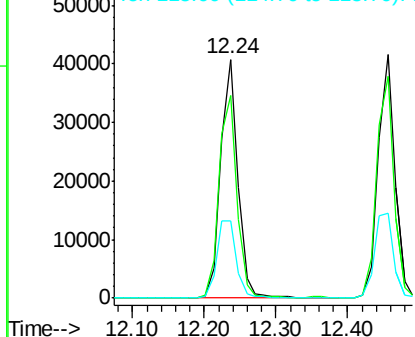
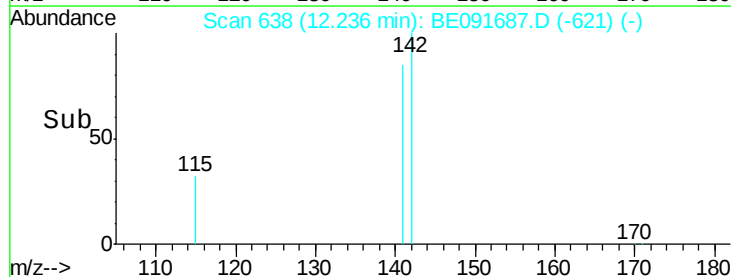


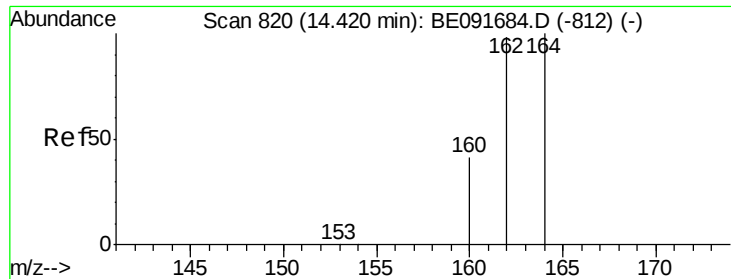
#12
2-Methylnaphthalene
Concen: 3.34 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Tgt Ion:142 Resp: 67291
Ion Ratio Lower Upper
142 100
141 85.0 71.4 107.0
115 32.6 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: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

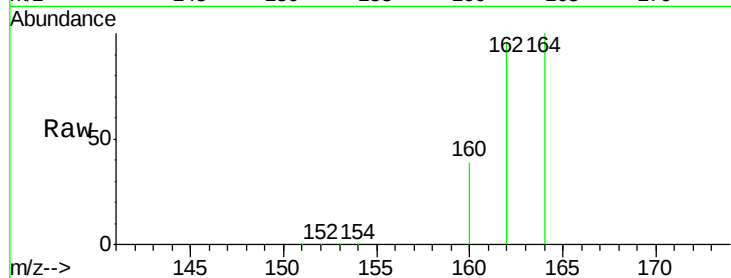
Tot Ion:164 Resp: 94725

Ion Ratio Lower Upper

164 100

162 94.9 85.3 127.9

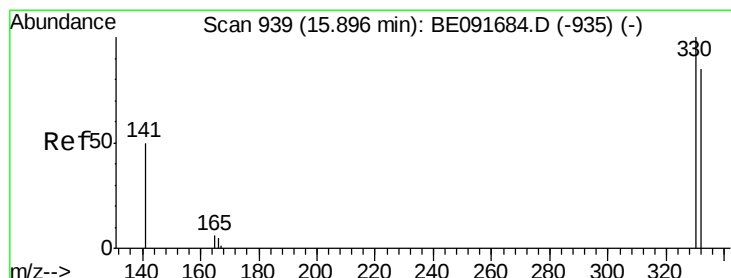
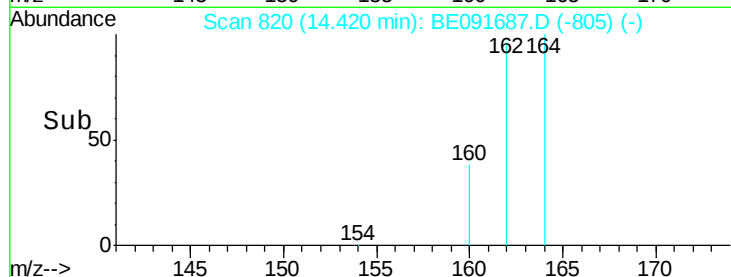
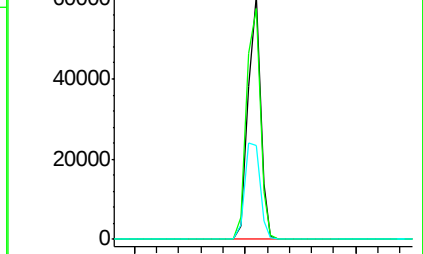
160 38.5 46.2 69.2#



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: 5.30 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

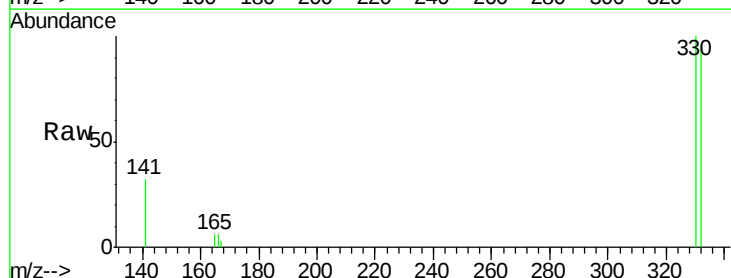
Tgt Ion:330 Resp: 10618

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

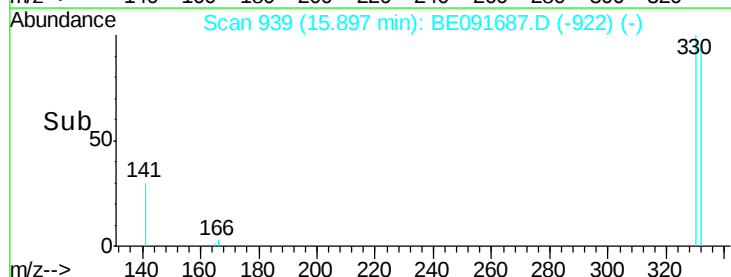
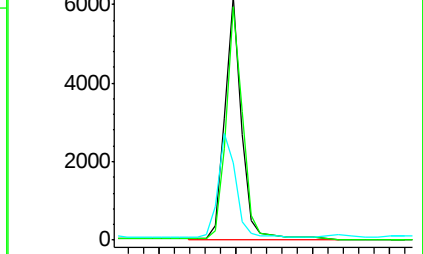
141 39.3 125.4 188.0#

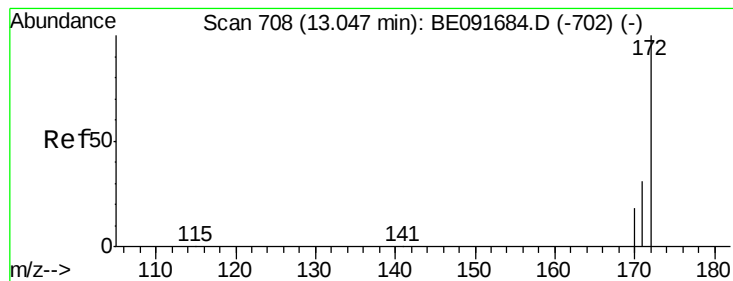


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

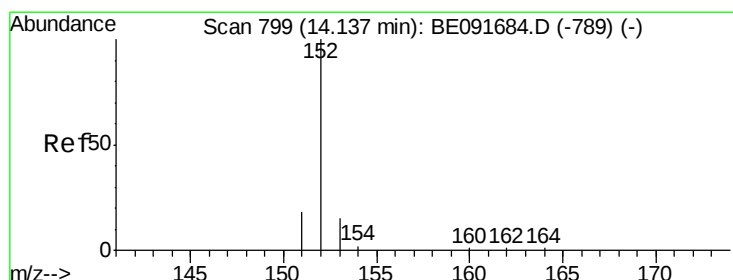
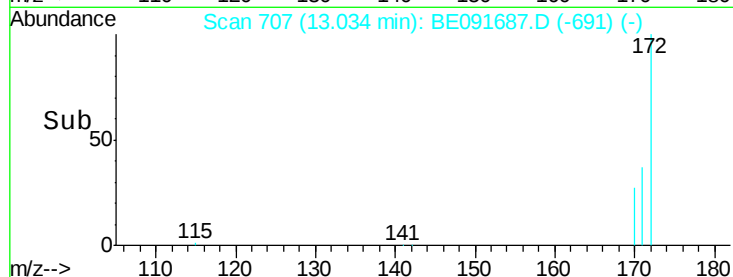
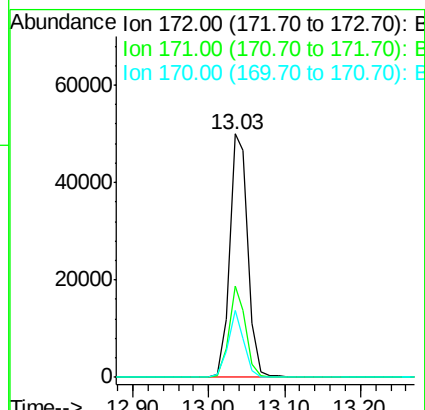
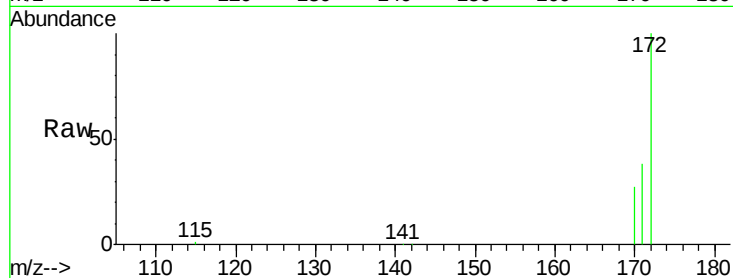




#15
2-Fluorobiphenyl
Concen: 3.21 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.01 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

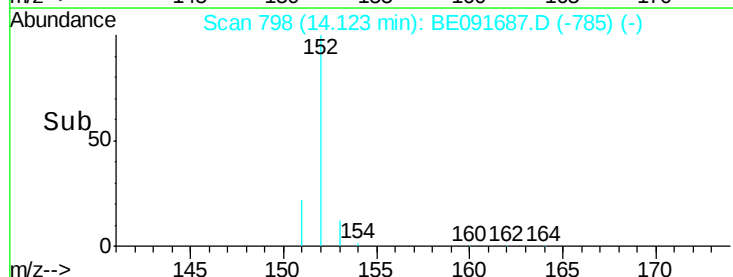
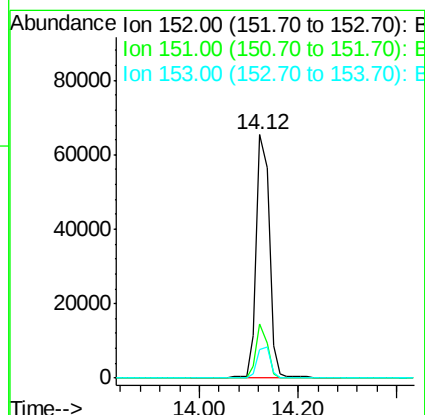
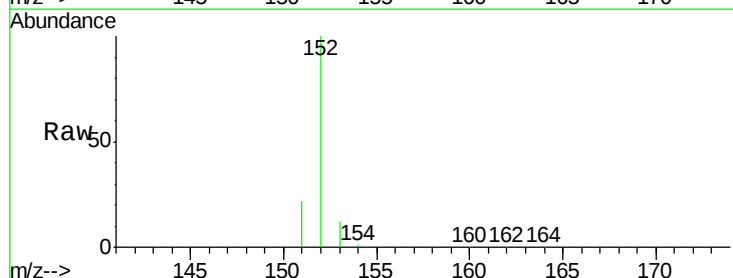
Instrument :
BNA_E
ClientSampleId :

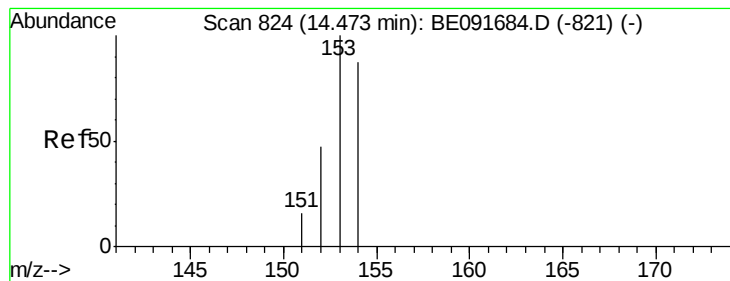
Tot Ion:172 Resp: 84803
Ion Ratio Lower Upper
172 100
171 37.7 28.8 43.2
170 27.3 19.3 28.9



#16
Acenaphthylene
Concen: 3.66 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.01 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Tgt Ion:152 Resp: 127649
Ion Ratio Lower Upper
152 100
151 20.3 3.9 5.9#
153 13.8 10.3 15.5





#17

Acenaphthene

Concen: 3.26 ng

RT: 14.47 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

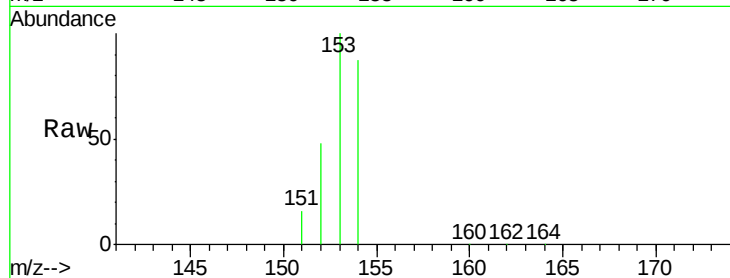
Tot Ion:154 Resp: 76041

Ion Ratio Lower Upper

154 100

153 112.7 80.0 120.0

152 56.2 40.0 60.0

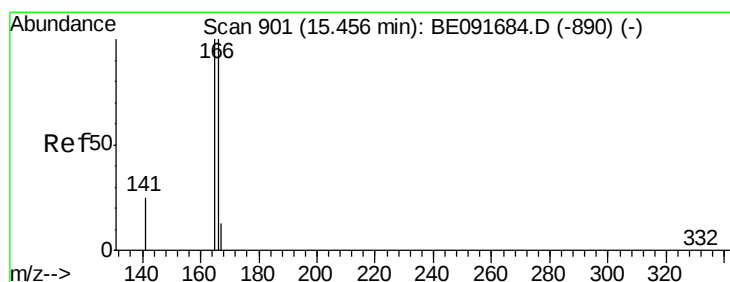
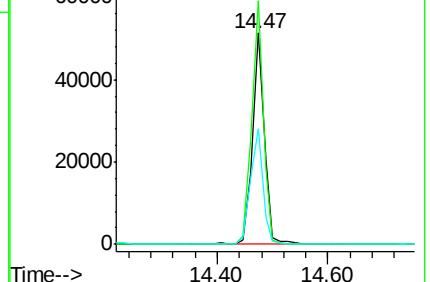
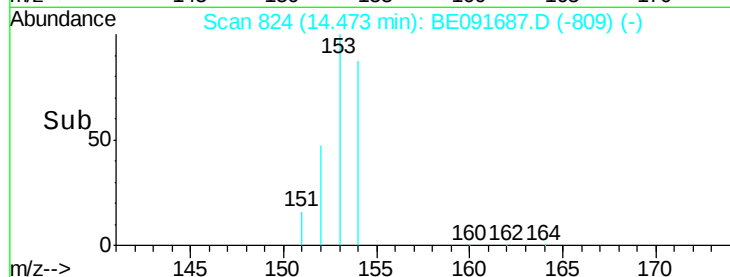


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#18

Fluorene

Concen: 3.38 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

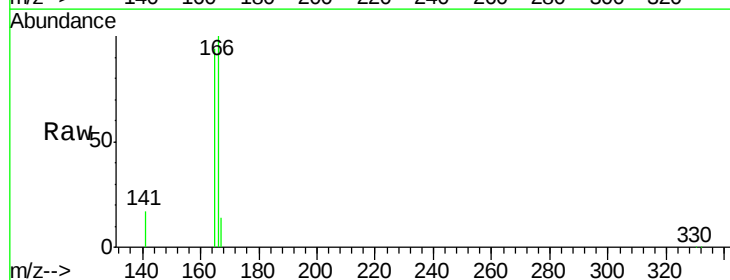
Tgt Ion:166 Resp: 96392

Ion Ratio Lower Upper

166 100

165 98.7 80.8 121.2

167 13.6 10.9 16.3

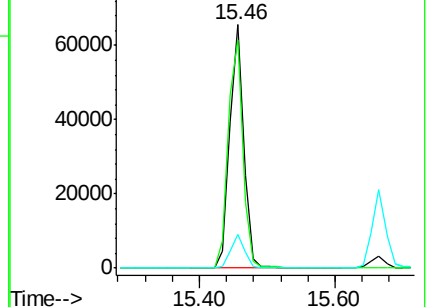
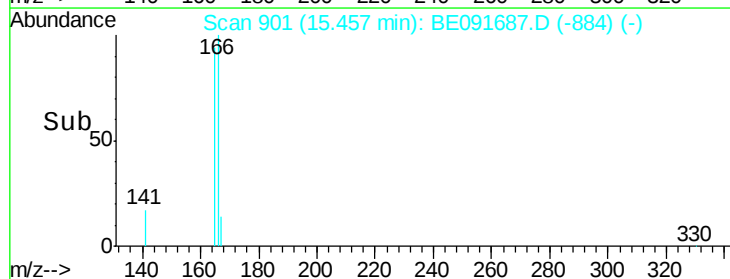


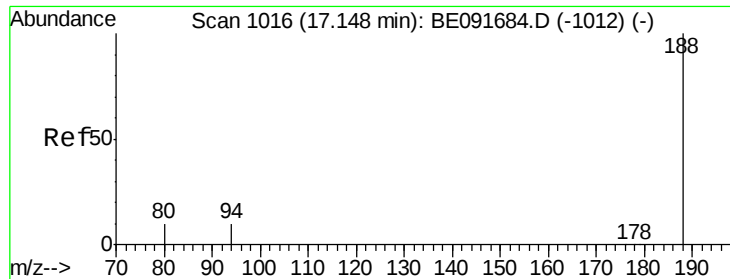
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

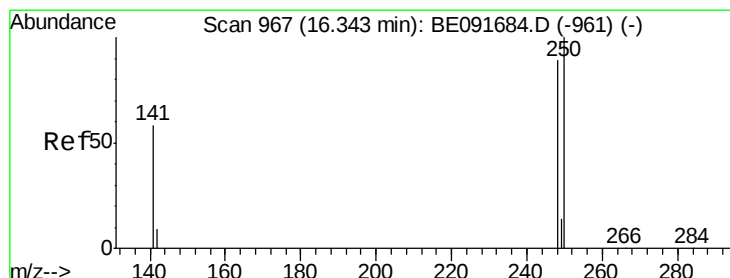
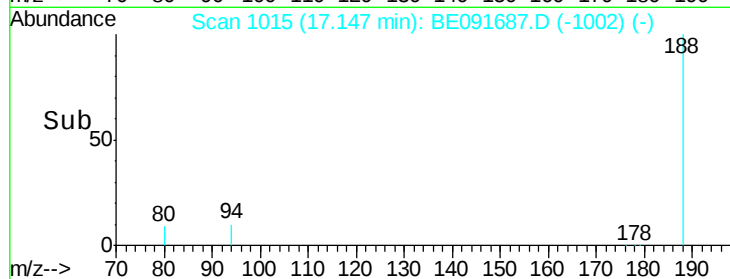
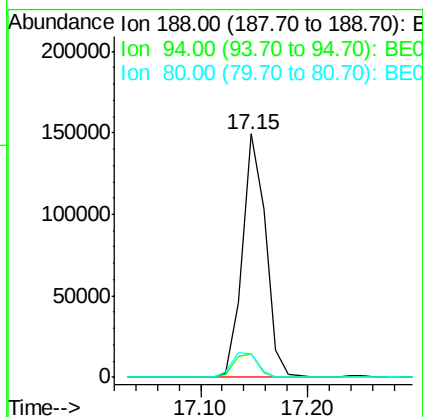
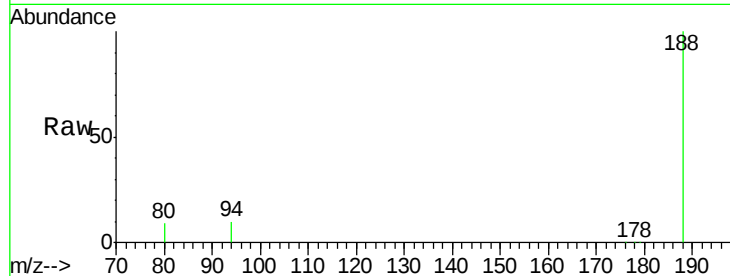




#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.15 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE091687.D
 Acq: 20 Apr 2016 16:18

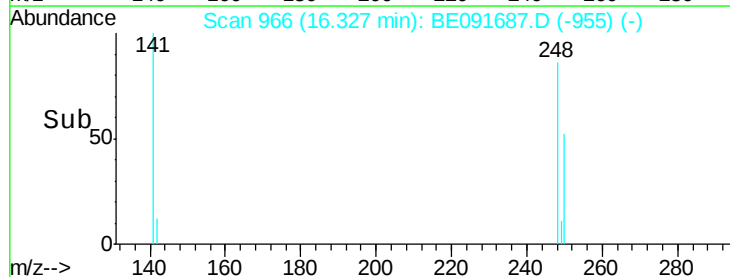
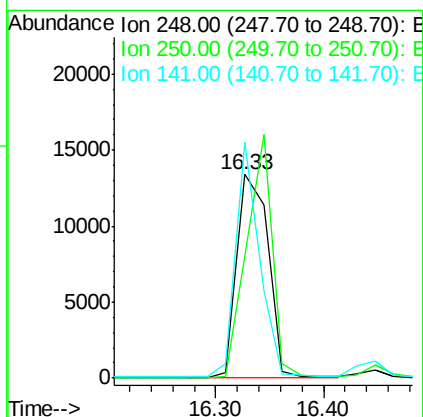
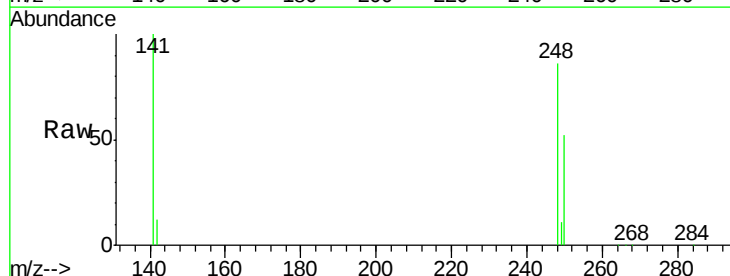
Instrument :
 BNA_E
 ClientSampleId :

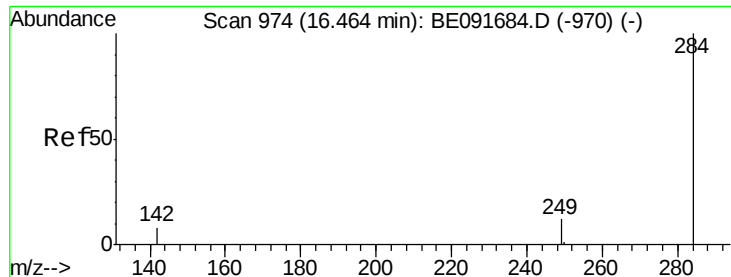
Tot Ion:188 Resp: 223179
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.7 13.1
 80 9.4 9.4 14.0



#20
 4-Bromophenyl-phenylether
 Concen: 3.44 ng
 RT: 16.33 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BE091687.D
 Acq: 20 Apr 2016 16:18

Tgt Ion:248 Resp: 26597
 Ion Ratio Lower Upper
 248 100
 250 98.2 80.5 120.7
 141 87.0 72.0 108.0

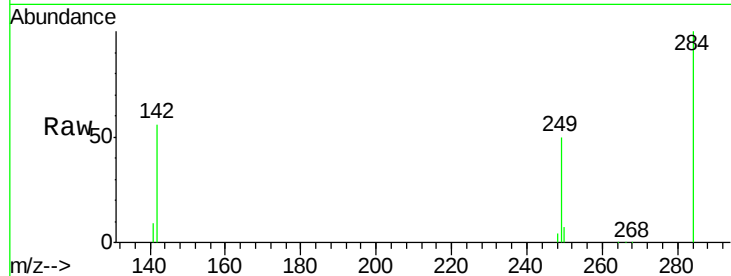




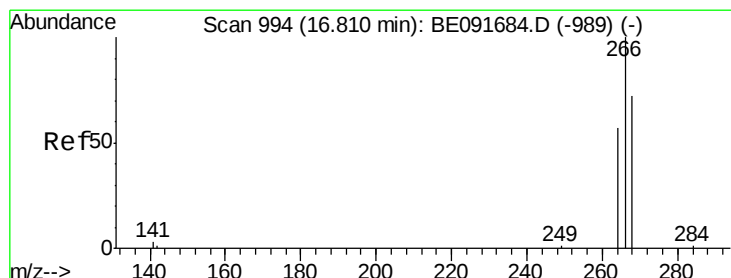
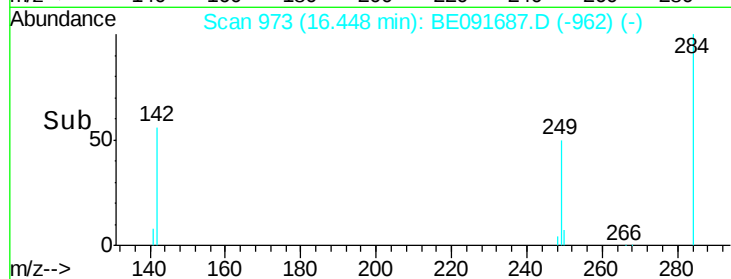
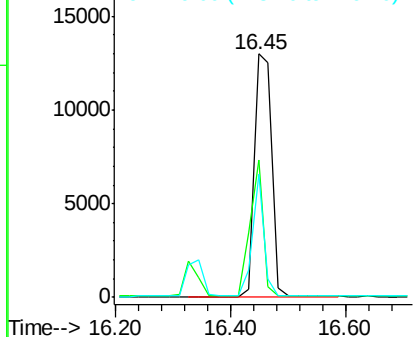
#21
Hexachlorobenzene
Concen: 3.34 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.02 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 27392
Ion Ratio Lower Upper
284 100
142 42.6 32.2 48.2
249 33.5 25.4 38.2

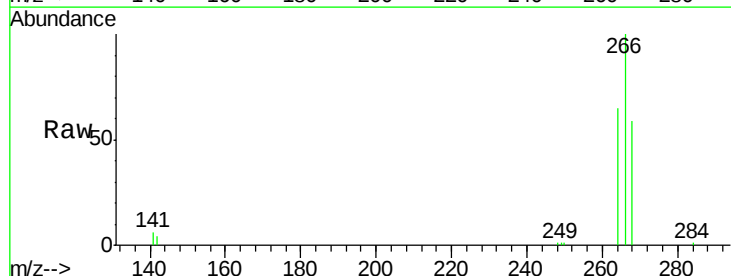


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

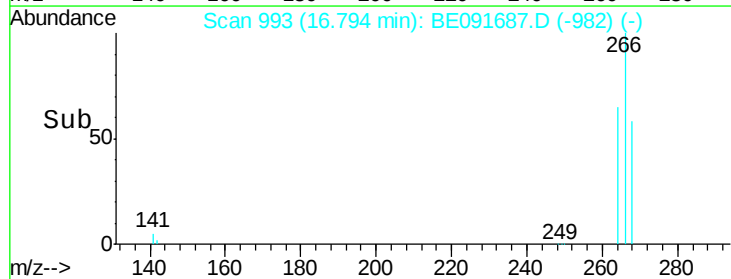
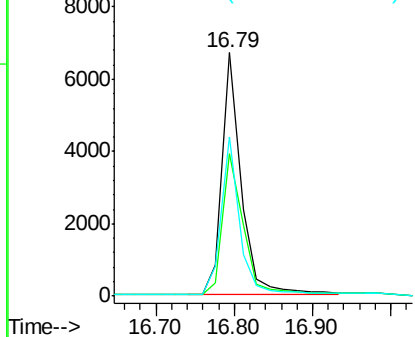


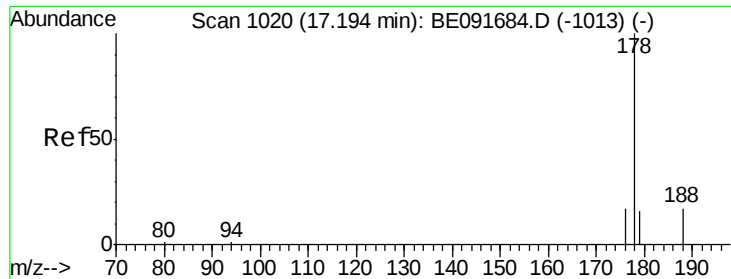
#22
Pentachlorophenol
Concen: 4.14 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Tgt Ion:266 Resp: 11257
Ion Ratio Lower Upper
266 100
268 58.6 58.2 87.2
264 65.3 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

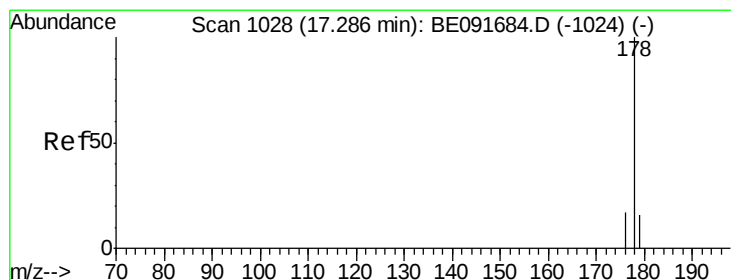
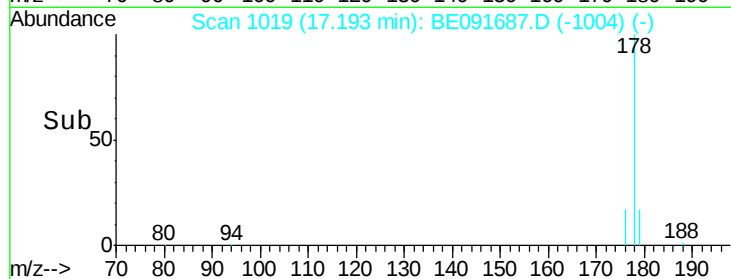
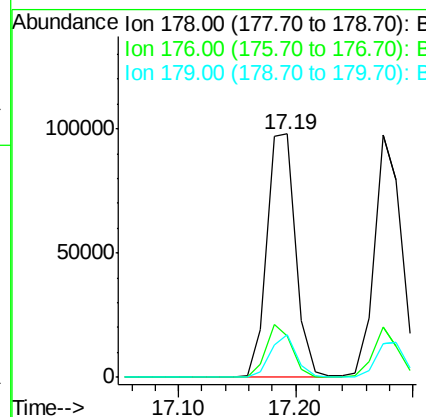
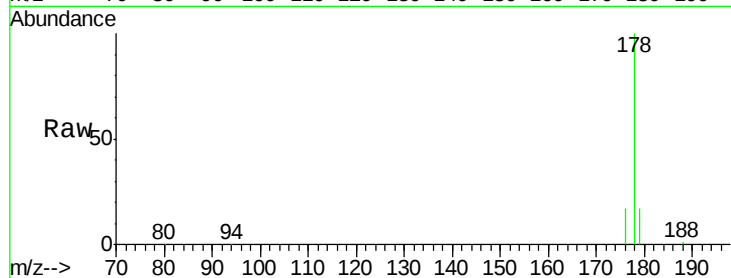




#23
Phenanthrene
Concen: 3.29 ng
RT: 17.19 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

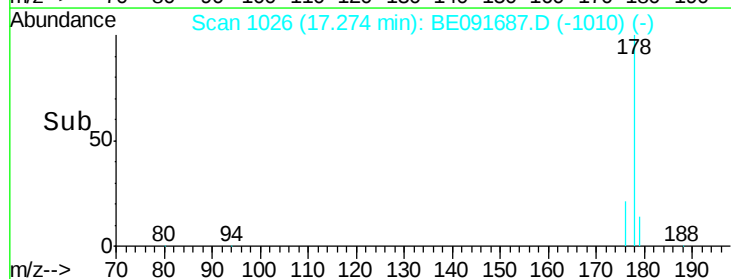
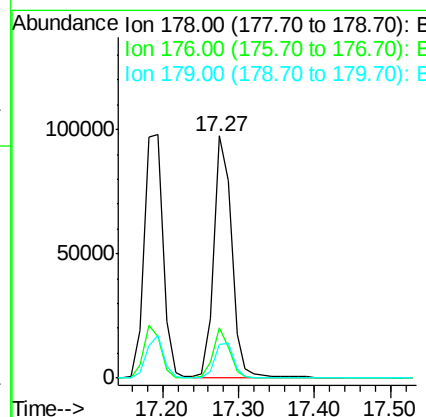
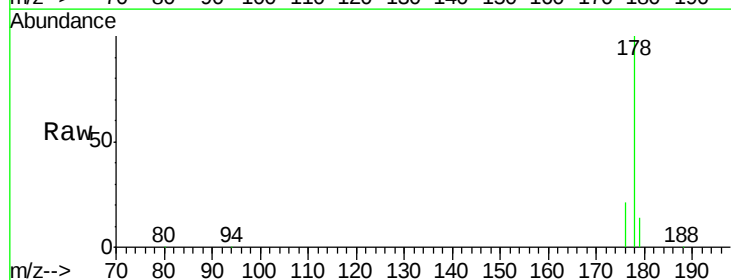
Instrument :
BNA_E
ClientSampleId :

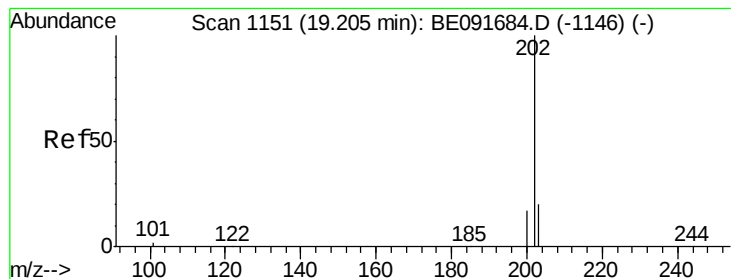
Tot Ion:178 Resp: 166843
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.6 18.8



#24
Anthracene
Concen: 3.50 ng
RT: 17.27 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Tgt Ion:178 Resp: 157705
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.4 11.8 17.6





#25

Fluoranthene

Concen: 3.41 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

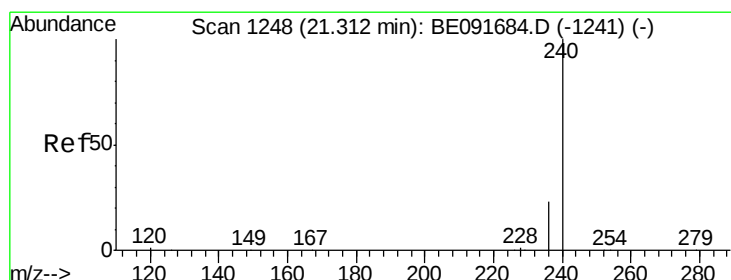
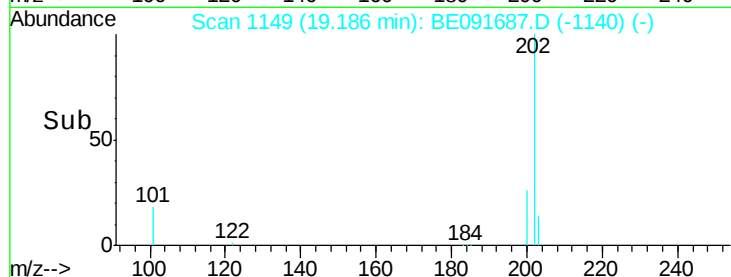
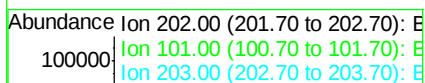
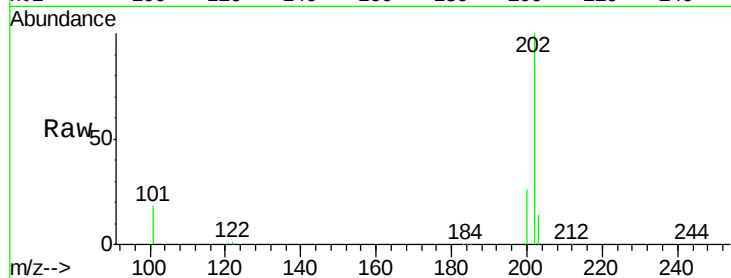
Tot Ion:202 Resp: 172009

Ion Ratio Lower Upper

202 100

101 12.1 11.0 16.6

203 17.5 13.9 20.9



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

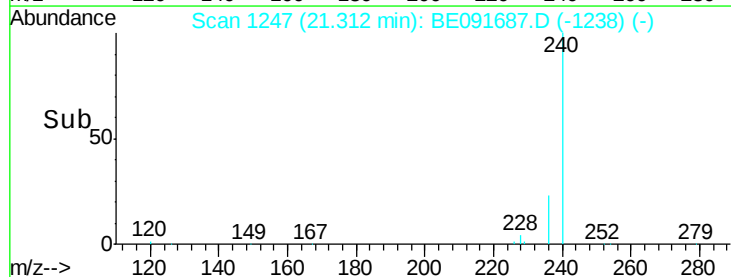
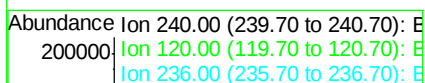
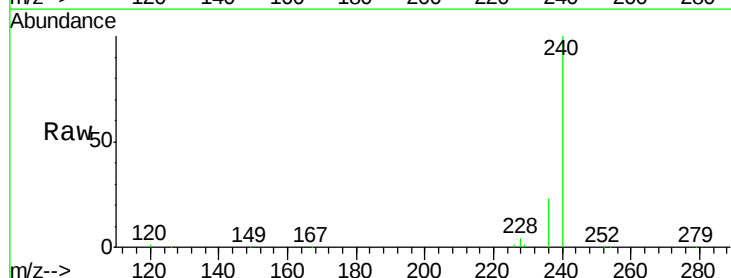
Tgt Ion:240 Resp: 248818

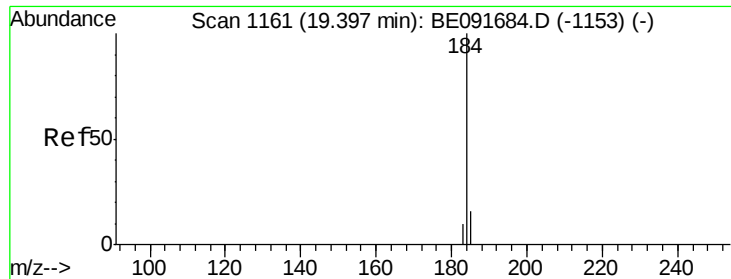
Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

236 23.1 21.7 32.5





#27

Benzidine

Concen: 3.03 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

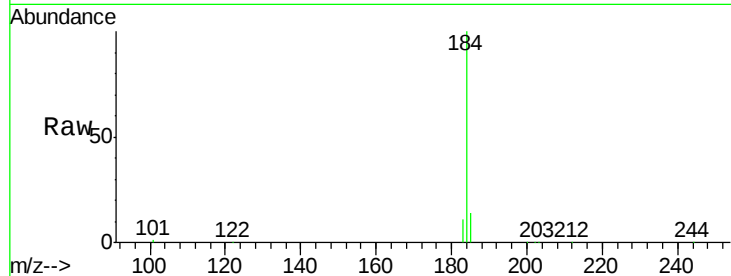
Tot Ion:184 Resp: 54697

Ion Ratio Lower Upper

184 100

185 14.1 22.3 33.5#

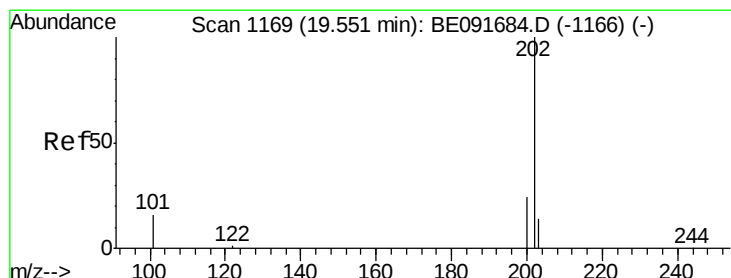
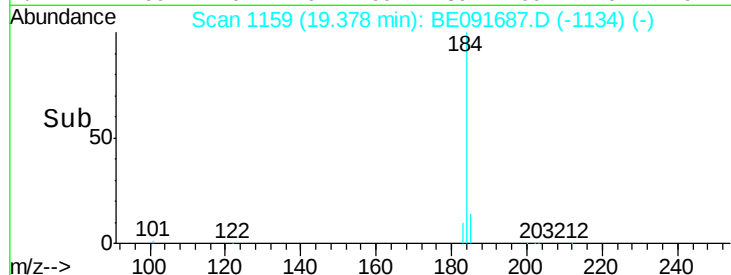
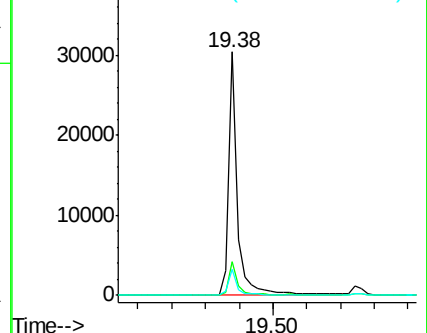
183 10.6 16.4 24.6#



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: 3.98 ng

RT: 19.55 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

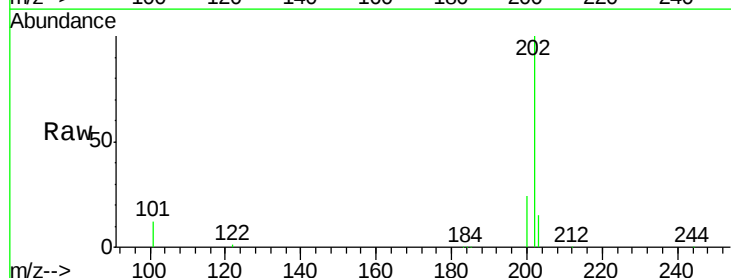
Tgt Ion:202 Resp: 197768

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

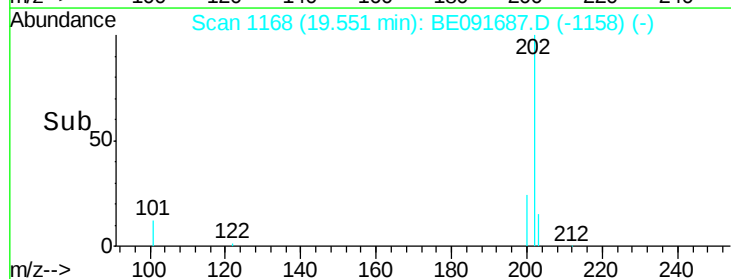
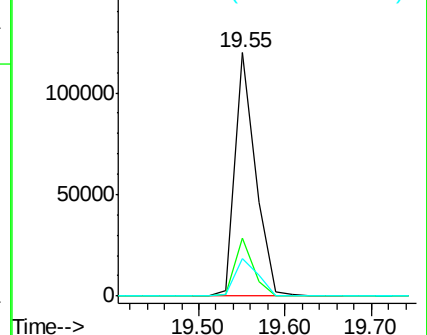
203 17.3 14.0 21.0

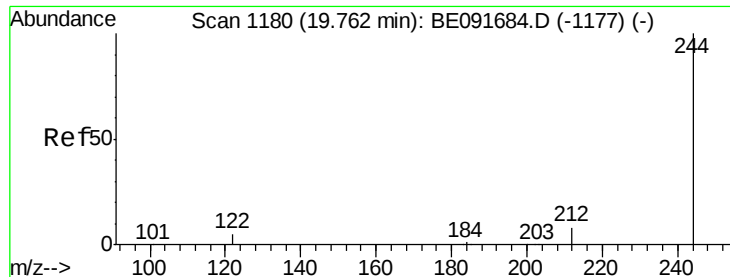


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.93 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

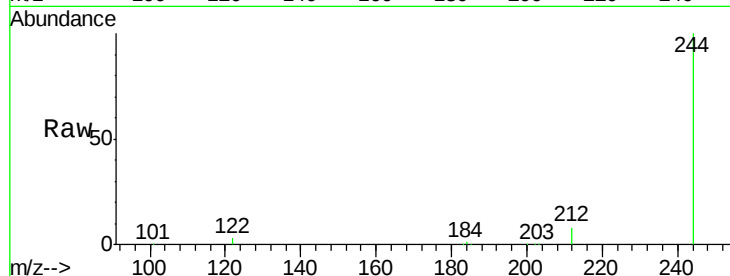
Tot Ion:244 Resp: 133408

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

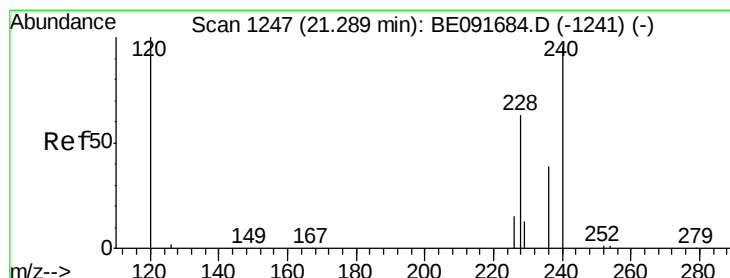
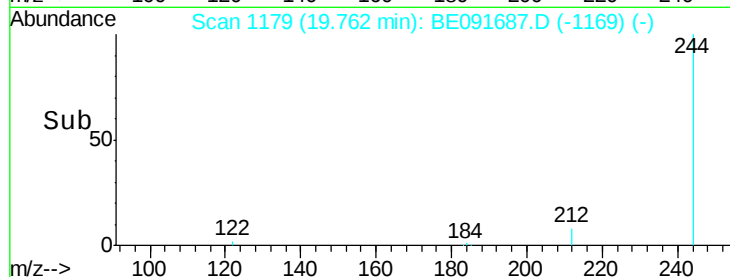
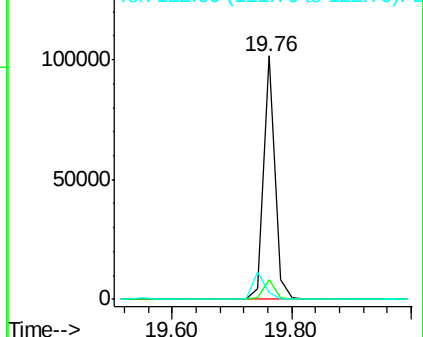
122 2.6 11.0 16.4#



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: 7.21 ng

RT: 21.33 min Scan# 1248

Delta R.T. 0.05 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

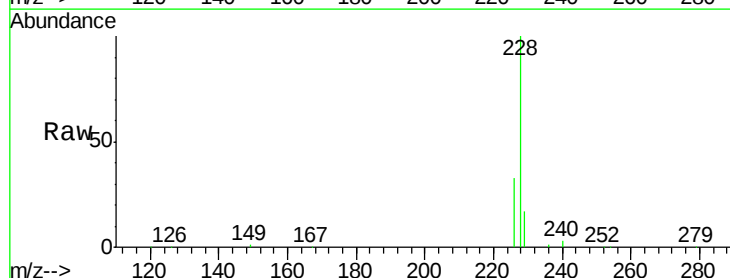
Tgt Ion:228 Resp: 416291

Ion Ratio Lower Upper

228 100

226 32.8 21.0 31.4#

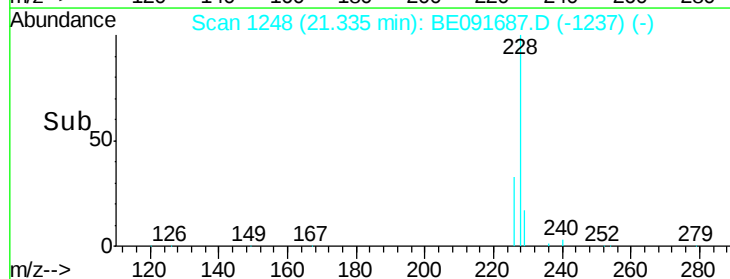
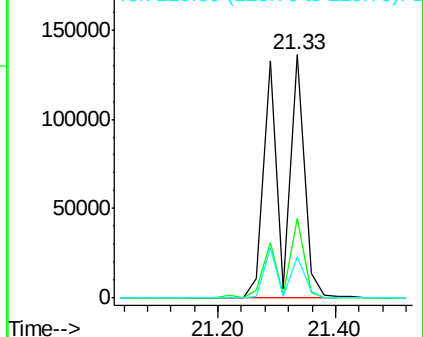
229 17.2 15.7 23.5

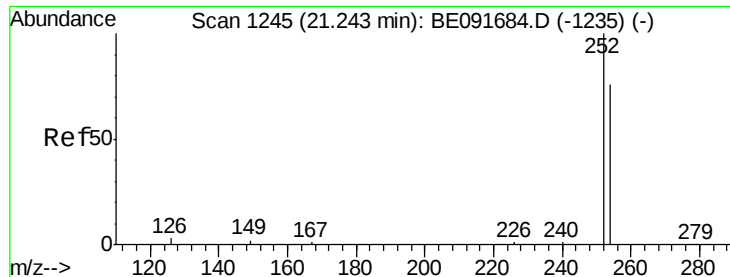


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

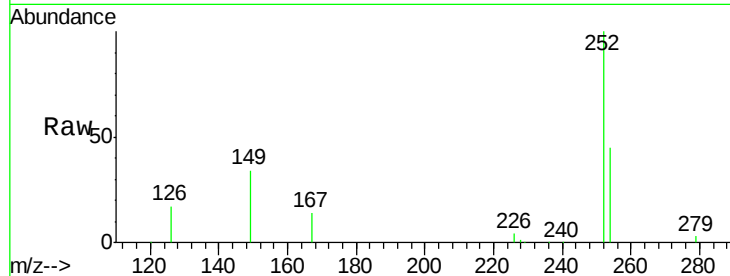




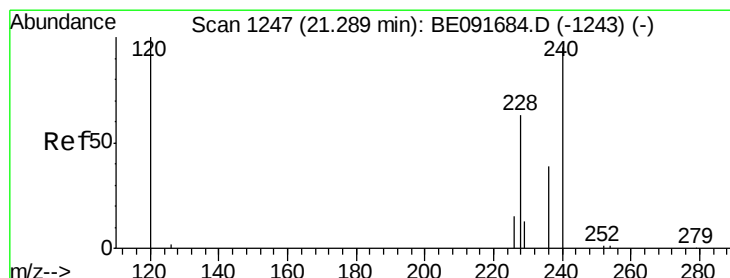
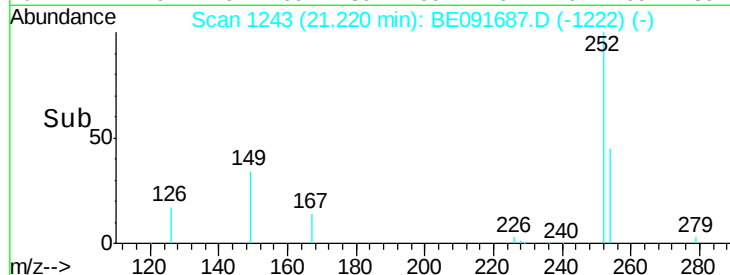
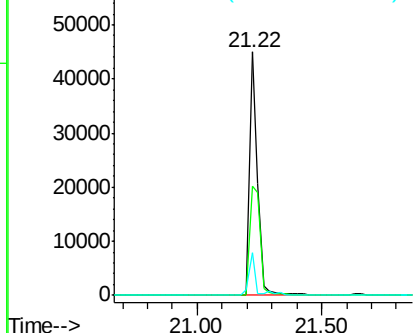
#31
 3,3'-Dichlorobenzidine
 Concen: 4.30 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091687.D
 Acq: 20 Apr 2016 16:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:252 Resp: 97247
 Ion Ratio Lower Upper
 252 100
 254 45.0 51.1 76.7#
 126 17.4 12.6 18.8

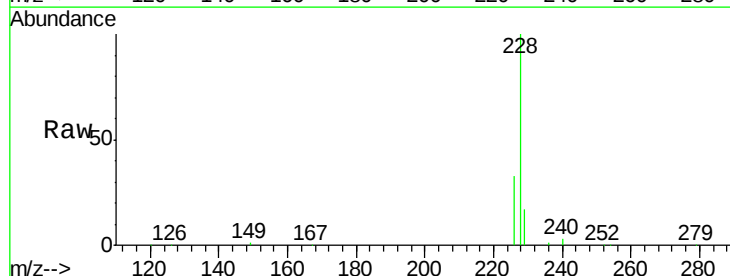


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

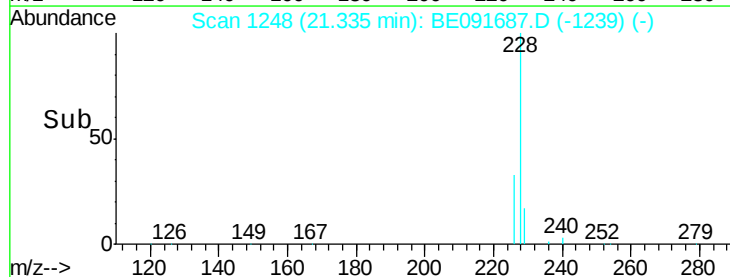
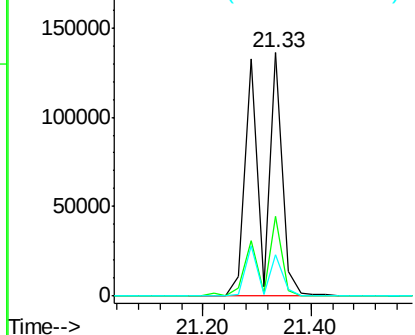


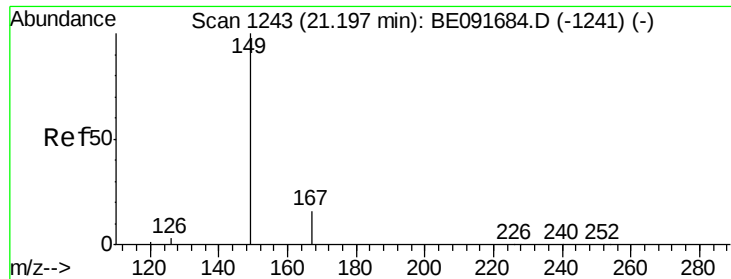
#32
 Chrysene
 Concen: 7.14 ng
 RT: 21.33 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BE091687.D
 Acq: 20 Apr 2016 16:18

Tgt Ion:228 Resp: 417882
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.0 36.0
 229 17.2 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

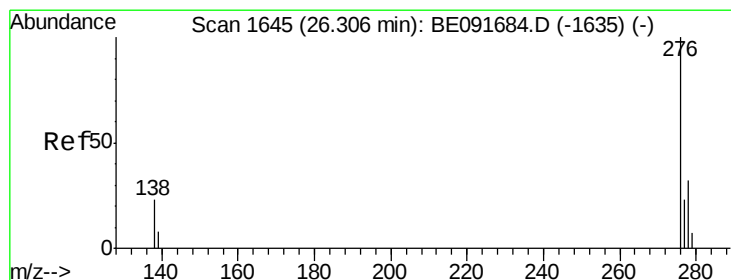
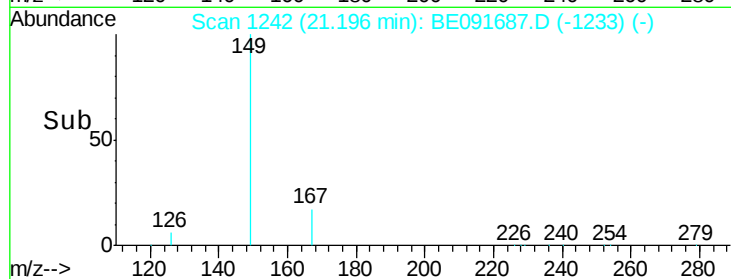
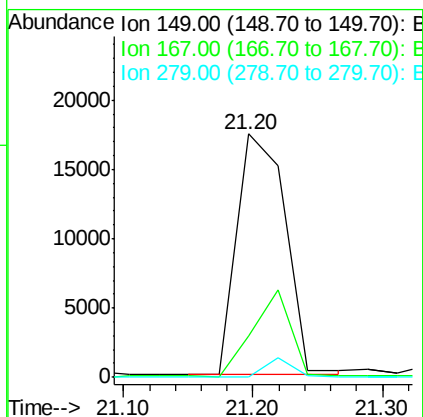
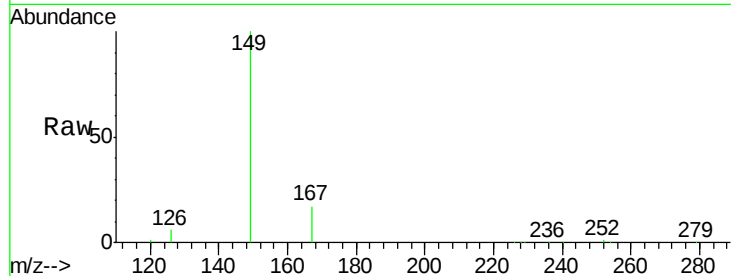




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 4.32 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BE091687.D
 Acq: 20 Apr 2016 16:18

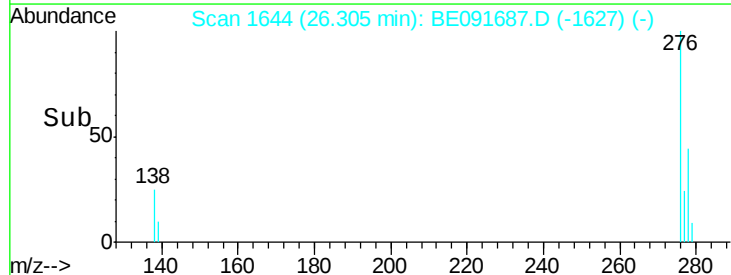
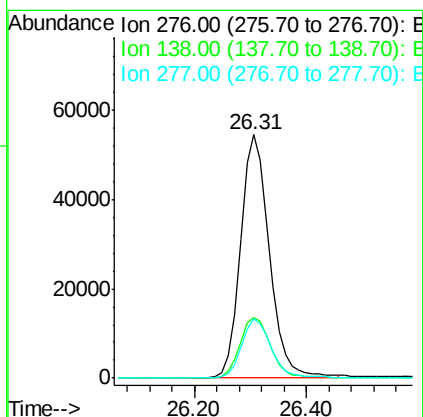
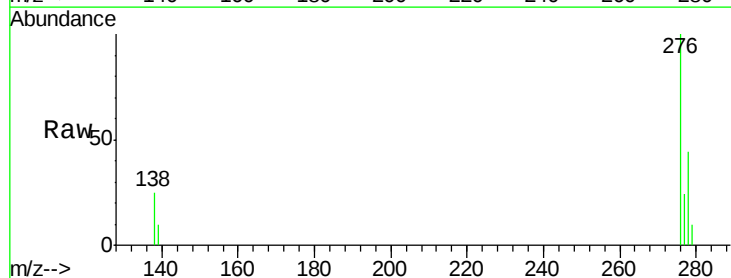
Instrument :
 BNA_E
 ClientSampleId :

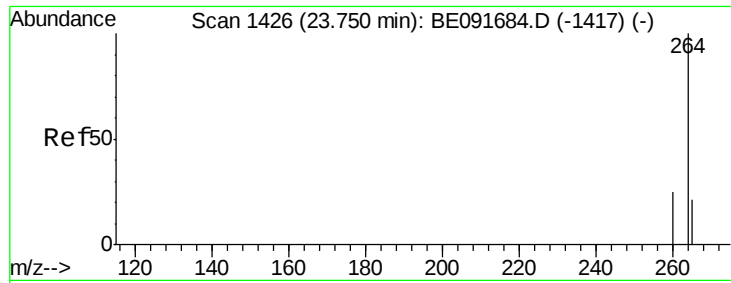
Tot Ion:149 Resp: 45708
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.70 ng
 RT: 26.31 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BE091687.D
 Acq: 20 Apr 2016 16:18

Tgt Ion:276 Resp: 196984
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.4 35.2
 277 24.6 19.8 29.8

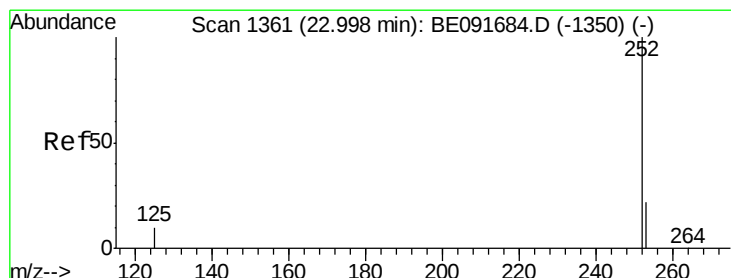
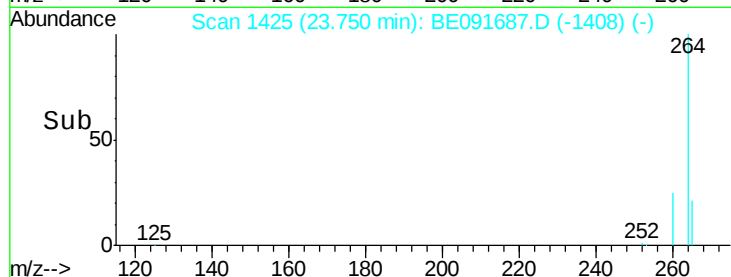
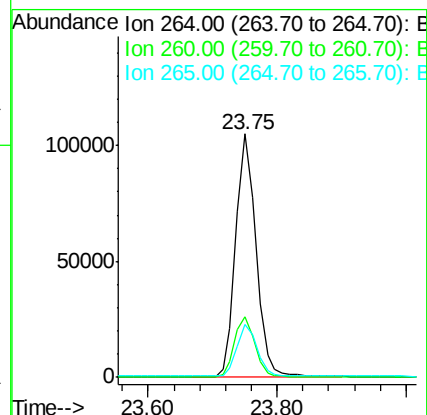
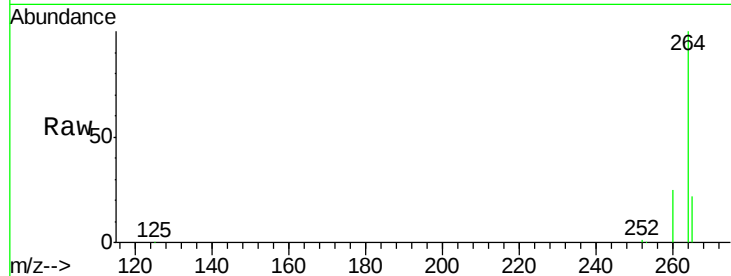




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

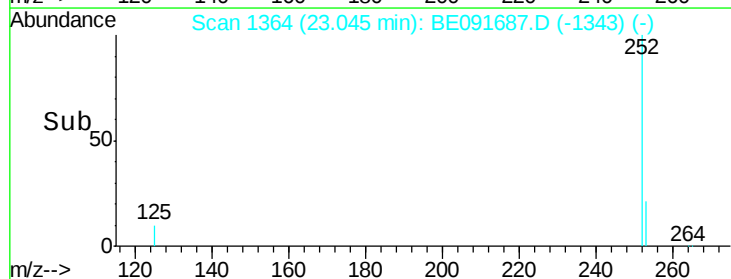
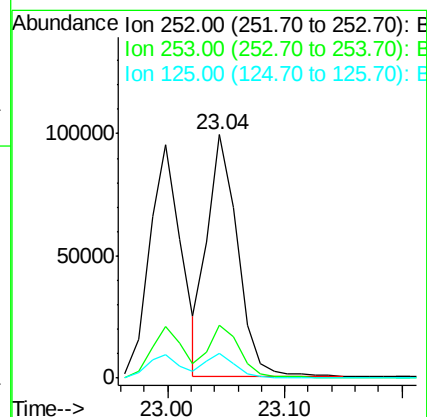
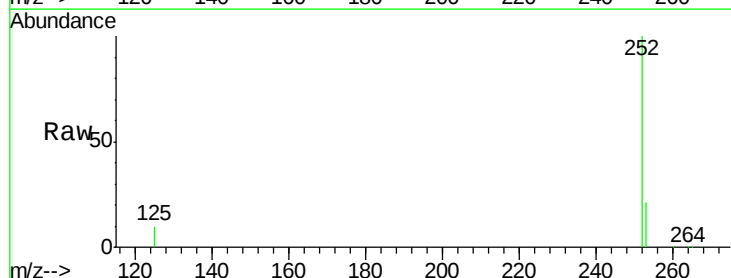
Instrument :
BNA_E
ClientSampleId :

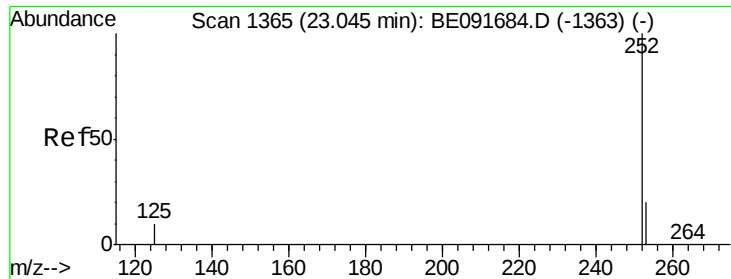
Tot Ion:264 Resp: 230068
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 21.6 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 3.49 ng
RT: 23.04 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BE091687.D
Acq: 20 Apr 2016 16:18

Tgt Ion:252 Resp: 176697
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.3 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 3.34 ng

RT: 23.04 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

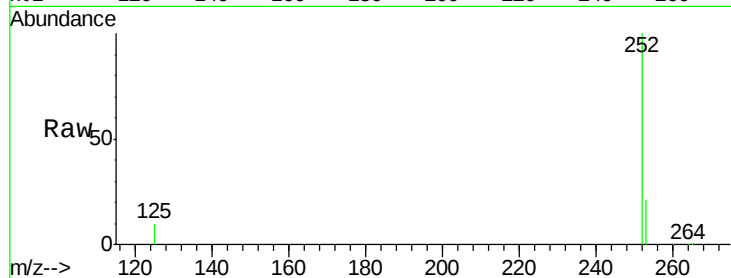
Tot Ion:252 Resp: 179418

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

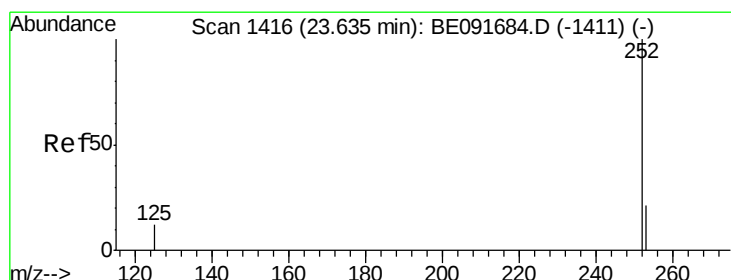
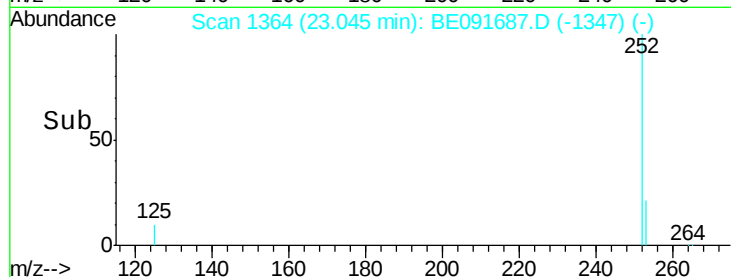
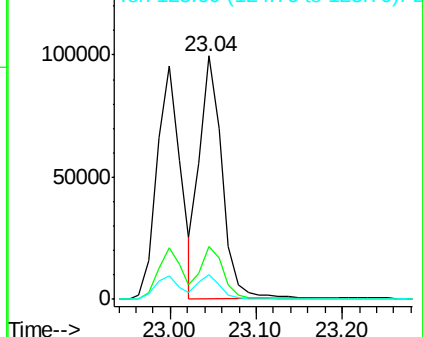
125 10.3 9.9 14.9



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: 3.46 ng

RT: 23.63 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

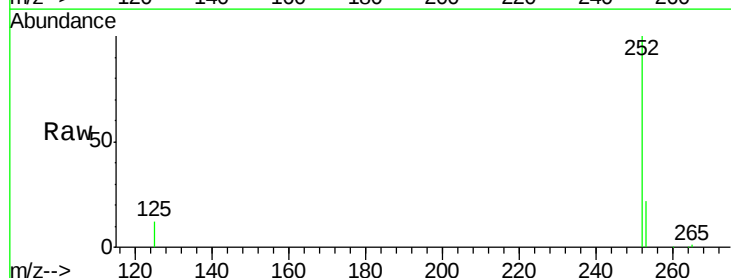
Tgt Ion:252 Resp: 163422

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

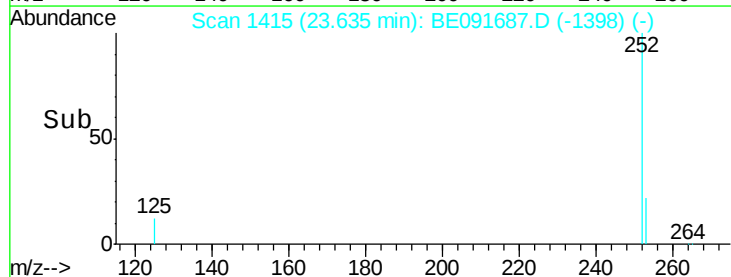
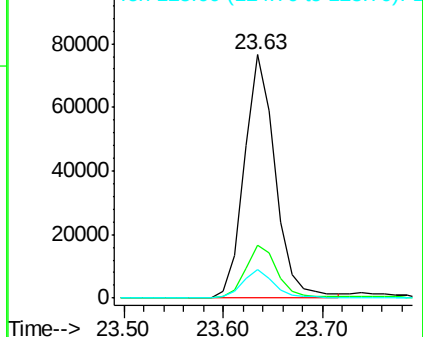
125 11.7 11.0 16.4

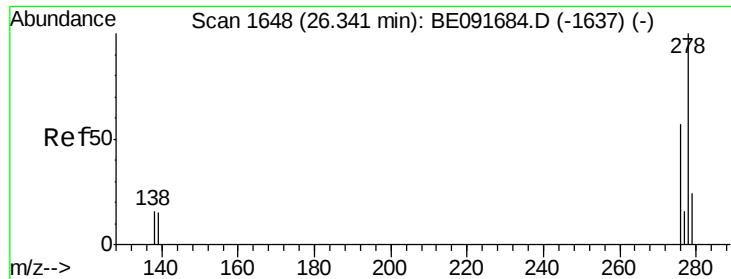


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.55 ng

RT: 26.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

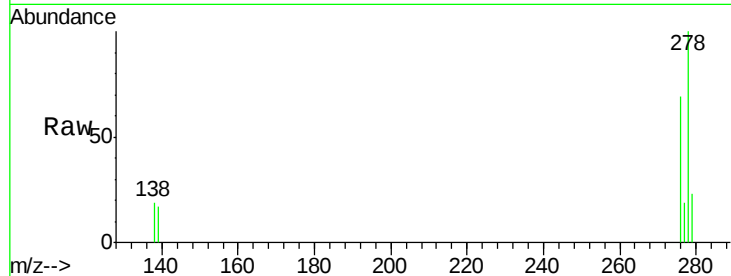
Tot Ion:278 Resp: 163666

Ion Ratio Lower Upper

278 100

139 16.6 16.0 24.0

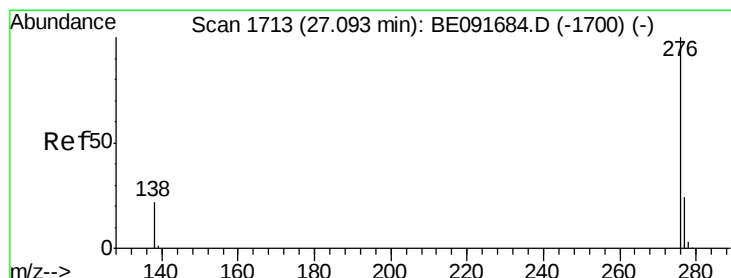
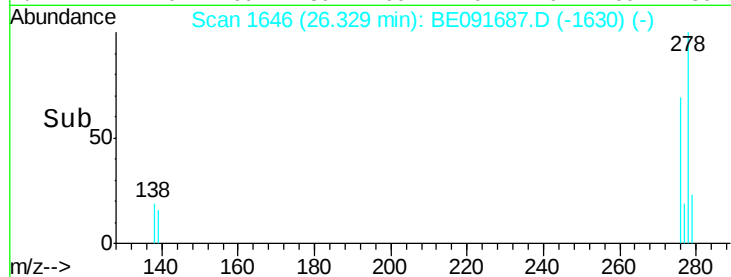
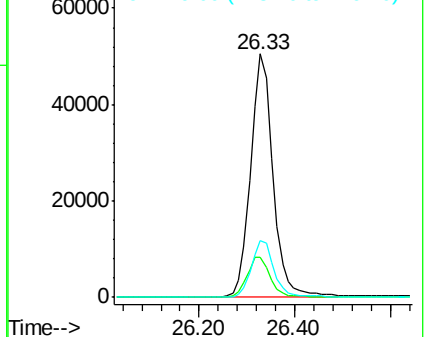
279 23.4 19.4 29.2



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: 3.43 ng

RT: 27.09 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BE091687.D

Acq: 20 Apr 2016 16:18

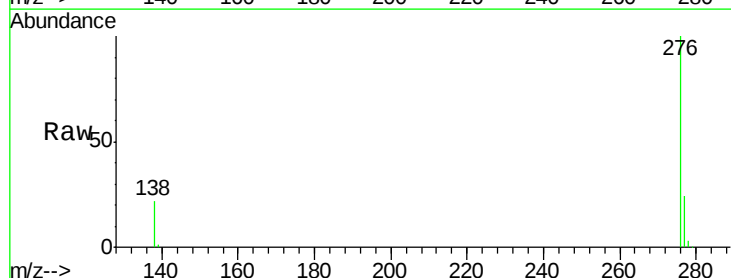
Tgt Ion:276 Resp: 163977

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 22.3 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

