

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033116\
 Data File : BE091568.D
 Acq On : 30 Mar 2016 23:12
 Operator : UM/SJ
 Sample : H1953-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 31 00:52:42 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37690	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	183968	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	113198	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	312218	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	386806	5.00	ng	-0.02
28) Perylene-d12	23.76	264	332552	5.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	31276	3.17	ng	-0.01
5) Phenol-d6	6.97	99	28947	2.17	ng	-0.02
7) Nitrobenzene-d5	8.96	82	48234	3.91	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	33906	6.76	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	132140	4.11	ng	-0.02
24) Terphenyl-d14	19.76	244	301052	6.13	ng	-0.02

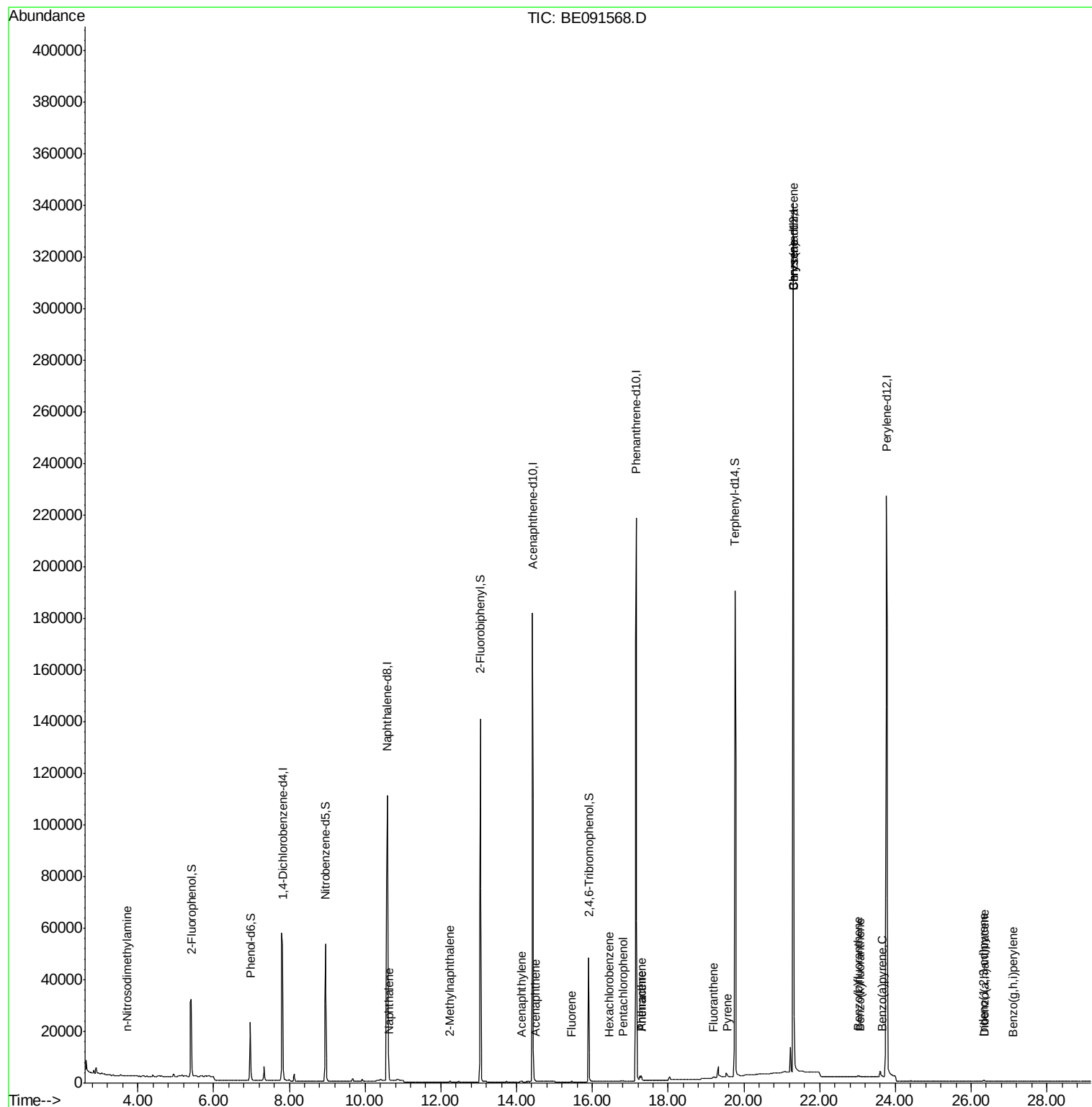
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	326	Below Cal	#	54
3) n-Nitrosodimethylamine	3.71	42	36	0.01	ng	43
8) Naphthalene	10.63	128	540	0.01	ng	53
9) 2-Methylnaphthalene	12.24	142	361	0.01	ng	73
13) Acenaphthylene	14.14	152	357	0.01	ng	1
14) Acenaphthene	14.49	154	76	0.00	ng	61
15) Fluorene	15.46	166	178	0.00	ng	79
17) Hexachlorobenzene	16.45	284	29	0.00	ng	64
18) Pentachlorophenol	16.81	266	257	0.04	ng	85
19) Phenanthrene	17.29	178	2166	0.03	ng	98
20) Anthracene	17.29	178	2360	0.04	ng	98
21) Fluoranthene	19.20	202	652	0.01	ng	47
23) Pyrene	19.57	202	573	0.01	ng	67
25) Benzo(a)anthracene	21.31	228	1906	0.02	ng	65
26) Chrysene	21.31	228	1957	0.03	ng	60
27) Indeno(1,2,3-cd)pyrene	26.32	276	461	0.01	ng	85
29) Benzo(b)fluoranthene	23.01	252	692	0.01	ng	1
30) Benzo(k)fluoranthene	23.06	252	546	0.01	ng	1
31) Benzo(a)pyrene	23.65	252	278	0.00	ng	1
32) Dibenzo(a,h)anthracene	26.34	278	278	0.00	ng	1
33) Benzo(g,h,i)perylene	27.12	276	364	0.00	ng	1

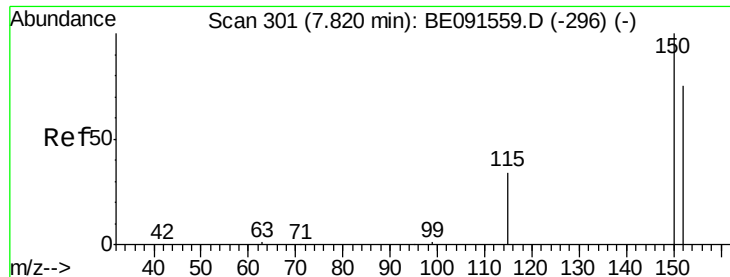
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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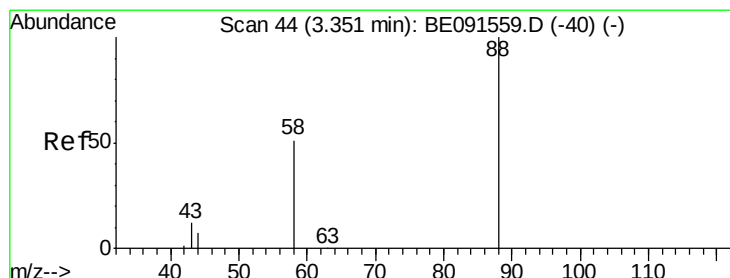
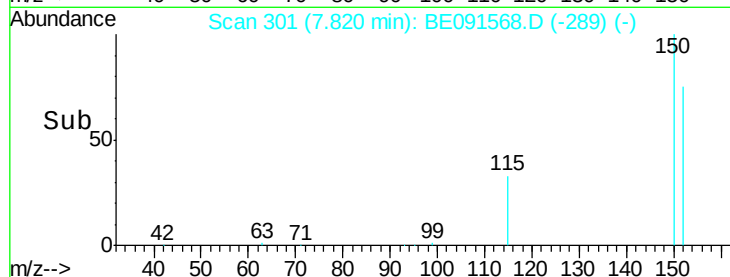
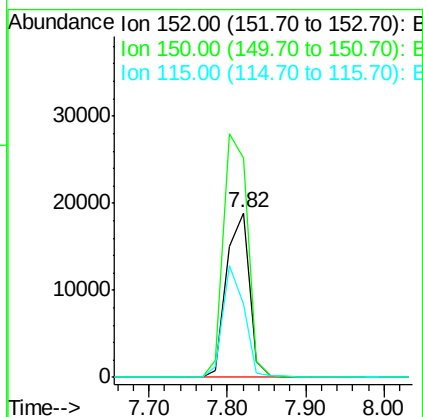
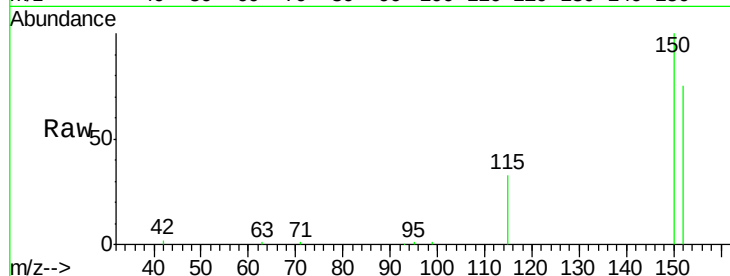


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

Instrument :
BNA_E
ClientSampleId :

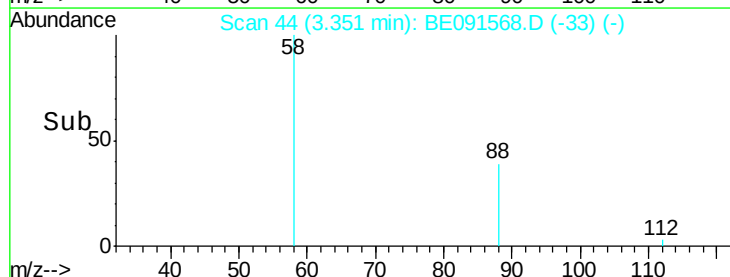
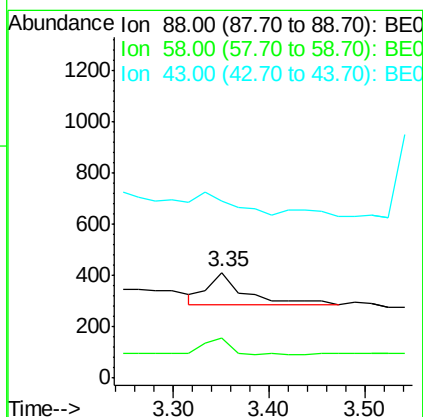
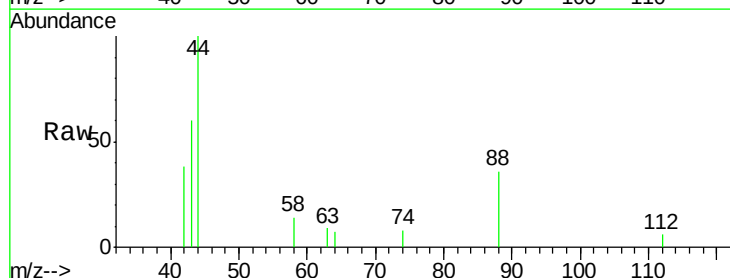
Tot Ion:152 Resp: 37690
Ion Ratio Lower Upper
152 100
150 133.5 122.2 183.2
115 44.7 45.9 68.9#

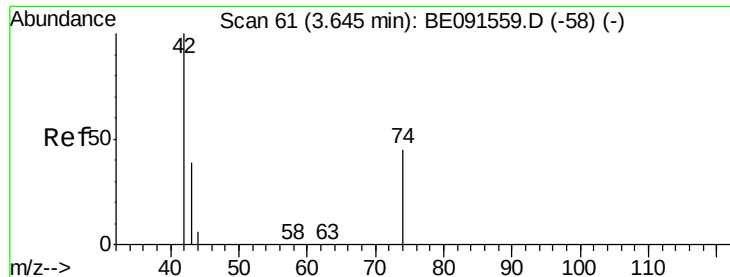


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.35 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

Tgt Ion: 88 Resp: 326
Ion Ratio Lower Upper
88 100
58 41.1 61.0 91.6#
43 0.0 25.4 38.2#





#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.71 min Scan# 65

Delta R.T. 0.04 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampled :

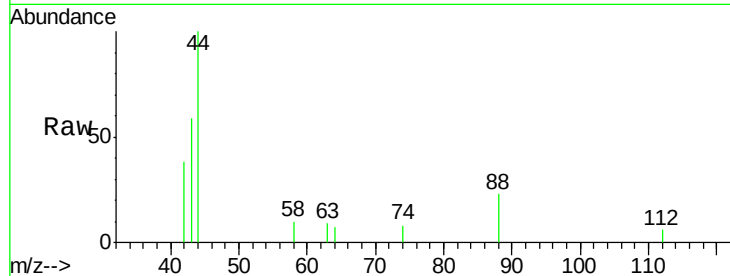
Tot Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 44.4 84.3 126.5#

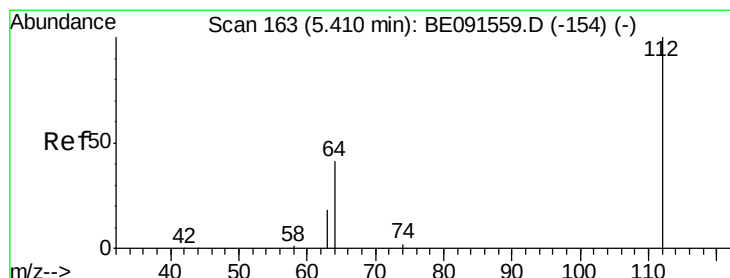
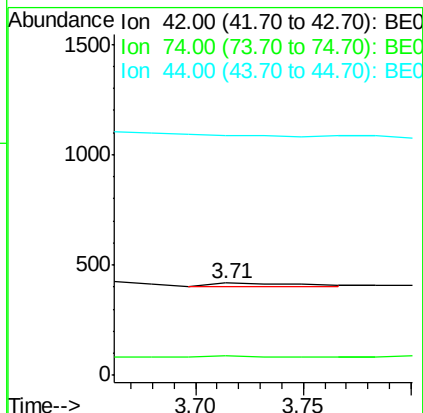
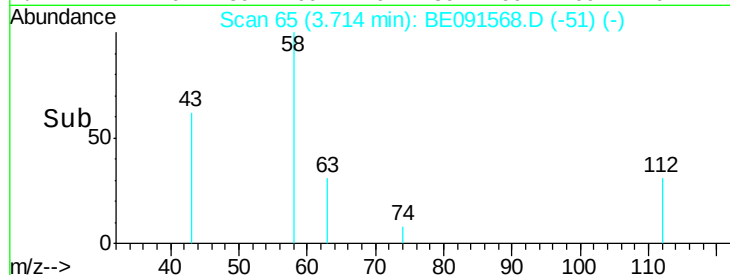
44 0.0 6.7 10.1#



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: 3.17 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.01 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

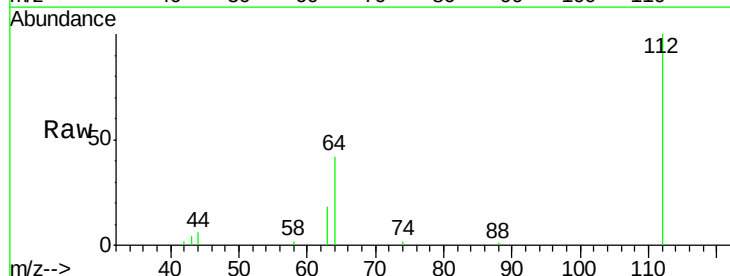
Tgt Ion: 112 Resp: 31276

Ion Ratio Lower Upper

112 100

64 68.2 53.3 79.9

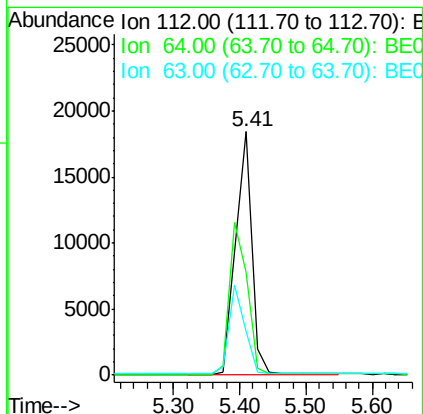
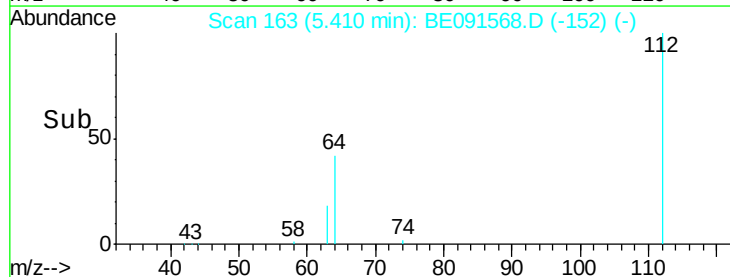
63 36.1 29.8 44.8

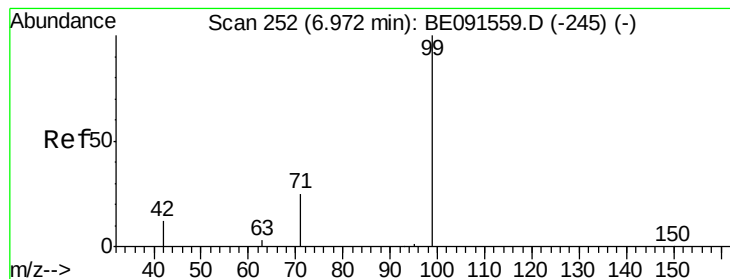


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.17 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

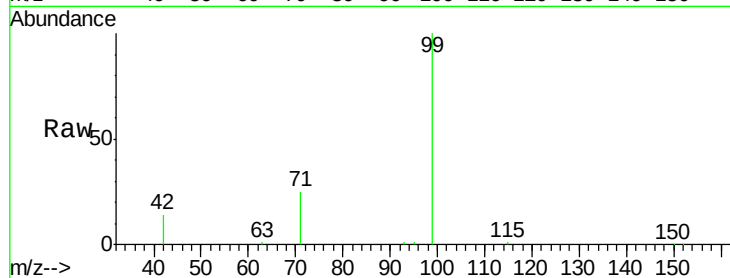
Tot Ion: 99 Resp: 28947

Ion Ratio Lower Upper

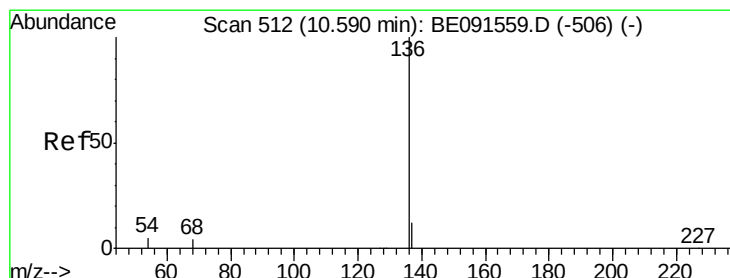
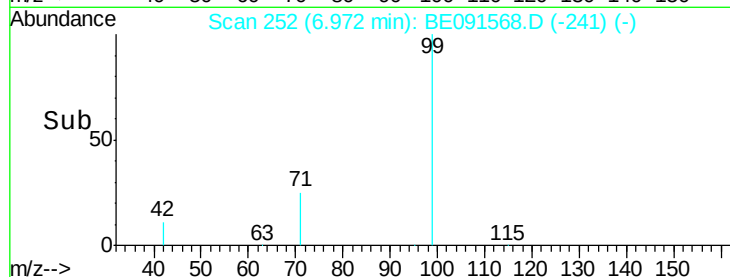
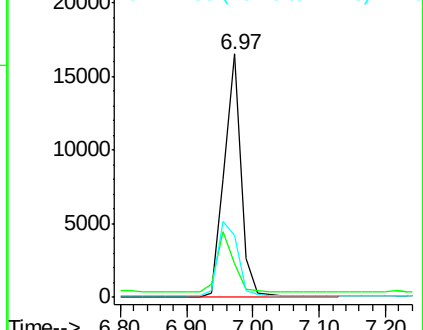
99 100

42 24.4 20.6 30.8

71 35.6 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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Tgt Ion: 136 Resp: 183968

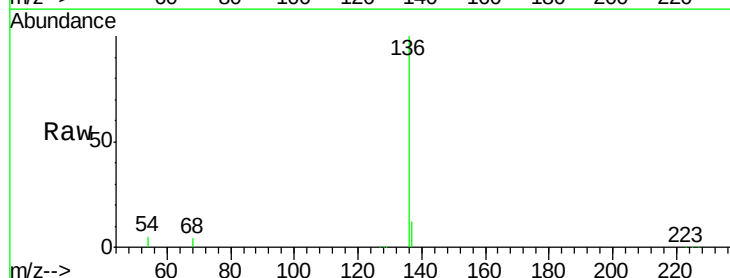
Ion Ratio Lower Upper

136 100

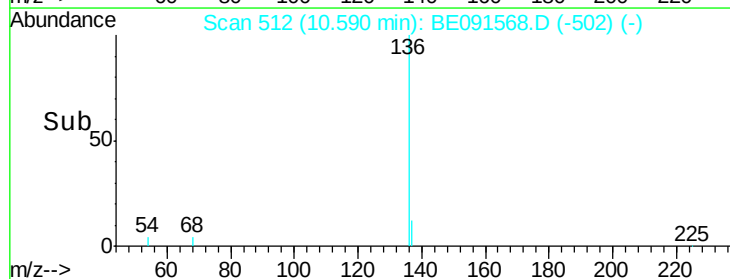
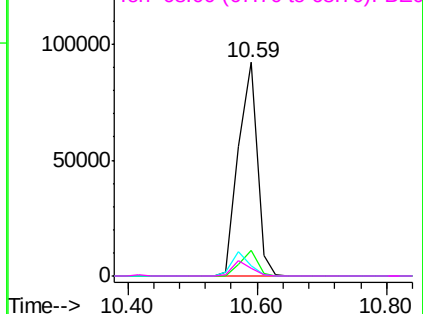
137 11.8 8.8 13.2

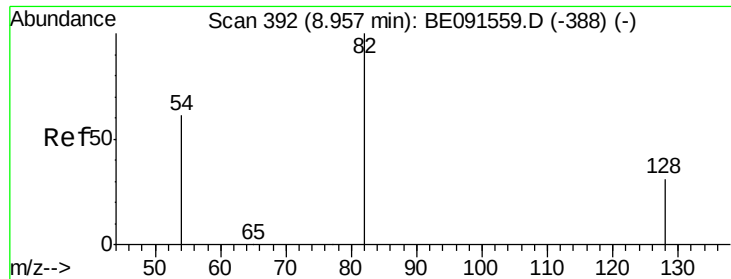
54 4.6 5.2 7.8#

68 3.8 4.1 6.1#



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





#7

Nitrobenzene-d5

Concen: 3.91 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

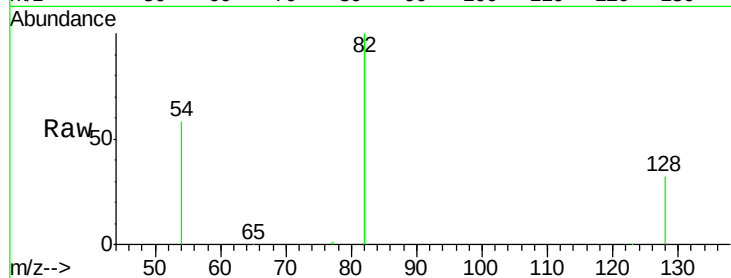
Tot Ion: 82 Resp: 48234

Ion Ratio Lower Upper

82 100

128 32.5 23.5 35.3

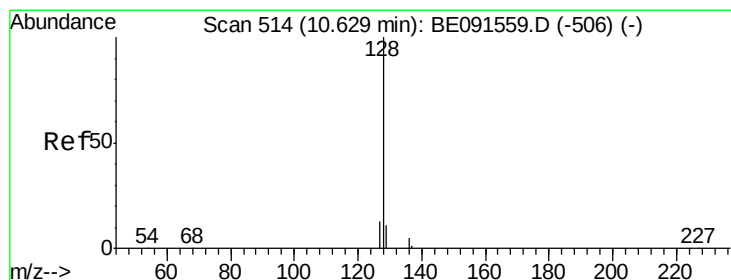
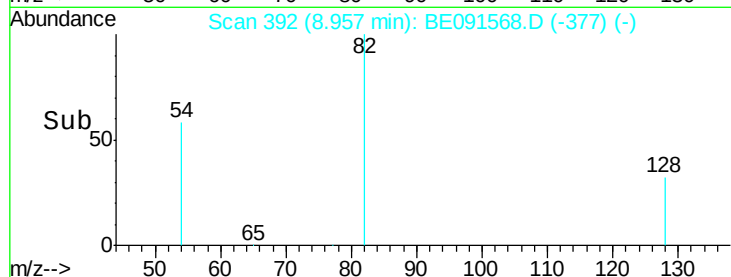
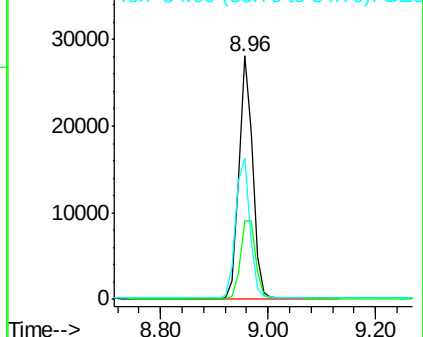
54 57.8 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)



#8

Naphthalene

Concen: 0.01 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

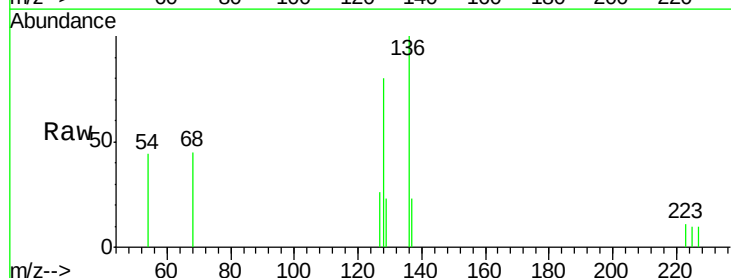
Tgt Ion: 128 Resp: 540

Ion Ratio Lower Upper

128 100

129 28.9 8.2 12.2#

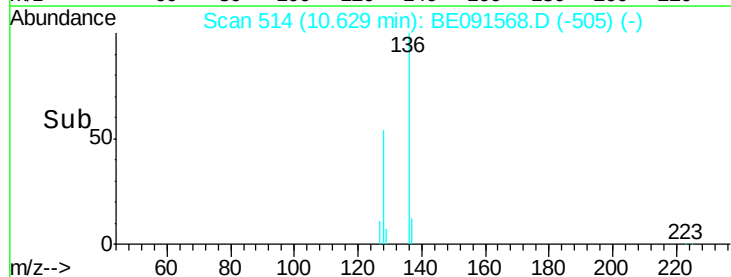
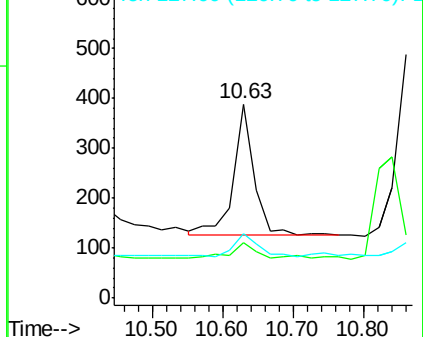
127 33.2 11.8 17.8#

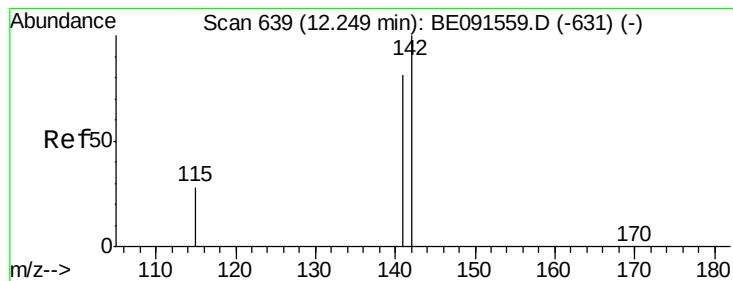


Abundance Ion 128.00 (127.70 to 128.70): BE091559.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091559.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091559.D (-506) (-)





#9

2-Methylnaphthalene

Concen: 0.01 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

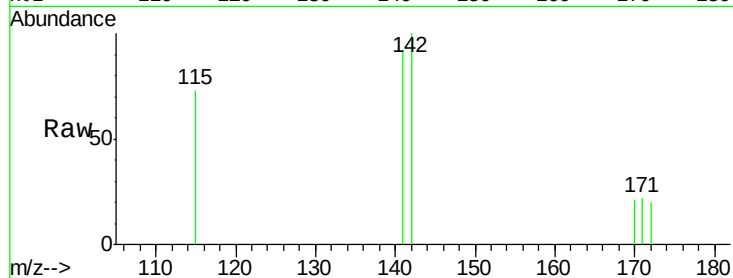
Tot Ion:142 Resp: 361

Ion Ratio Lower Upper

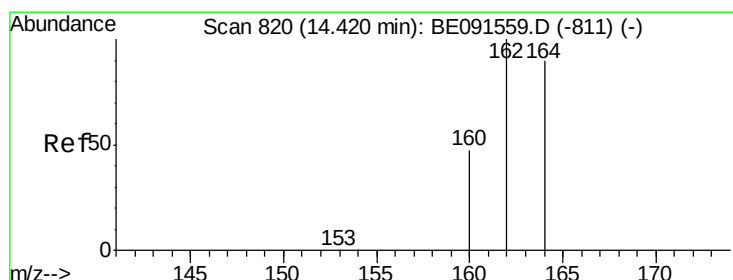
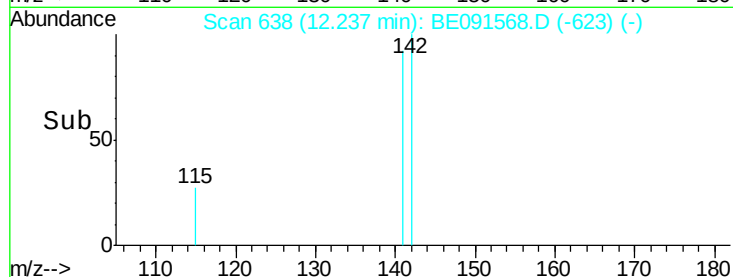
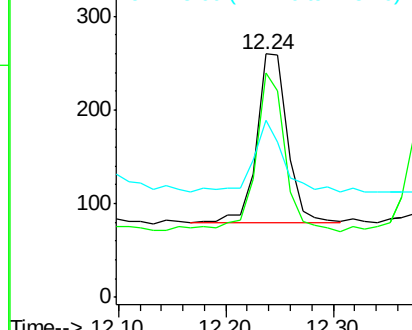
142 100

141 92.3 66.9 100.3

115 72.7 25.1 37.7#



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

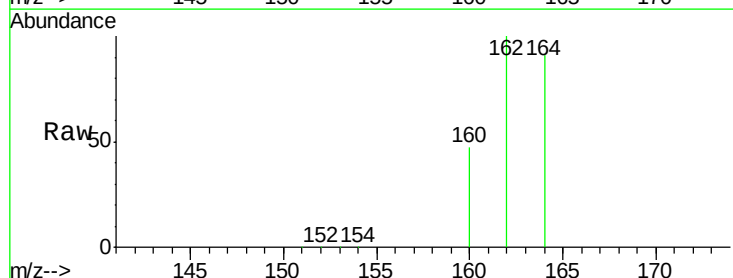
Tgt Ion:164 Resp: 113198

Ion Ratio Lower Upper

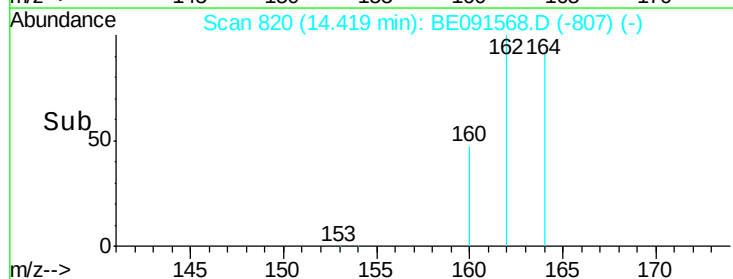
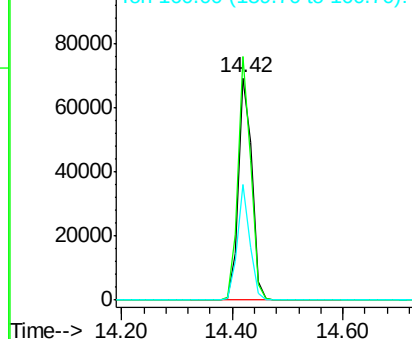
164 100

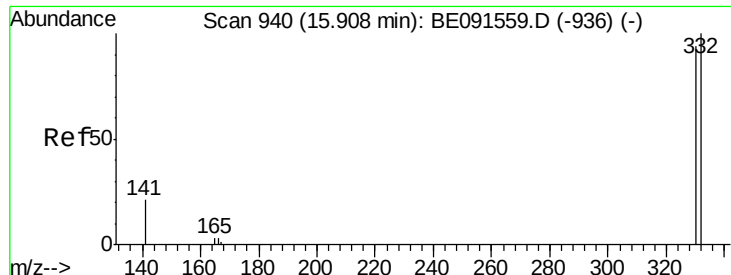
162 109.7 84.4 126.6

160 52.0 37.7 56.5



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

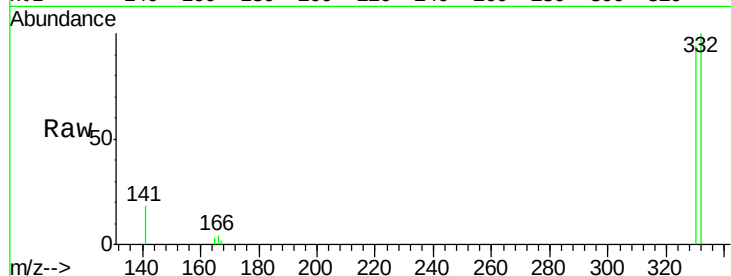




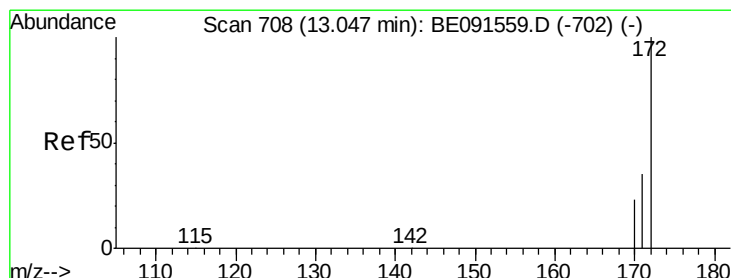
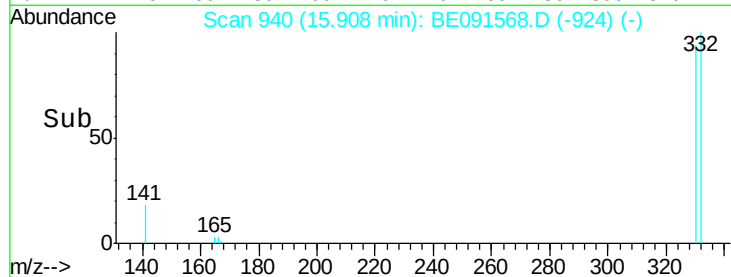
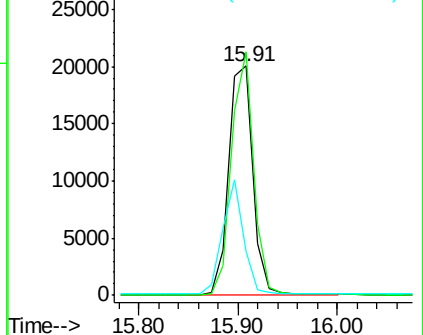
#11
 2,4,6-Tribromophenol
 Concen: 6.76 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091568.D
 Acq: 30 Mar 2016 23:12

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 33906
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.2 118.8
 141 43.5 28.1 42.1#

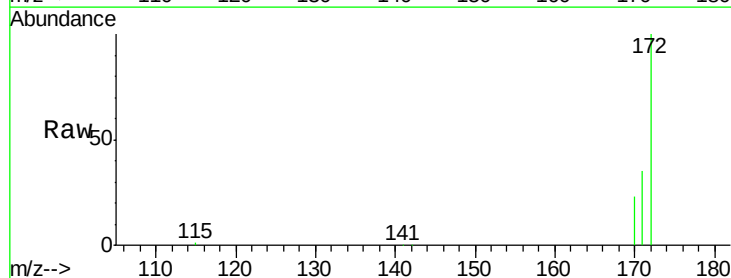


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

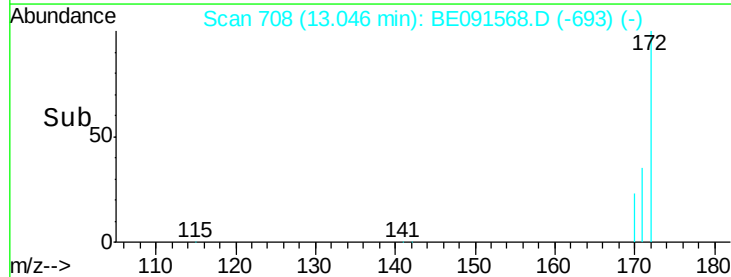
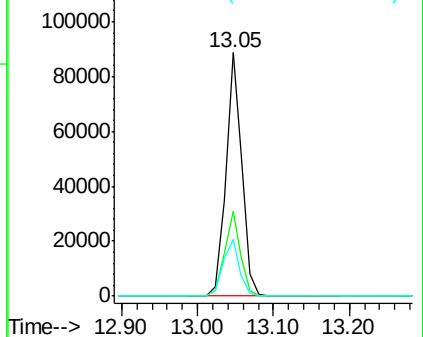


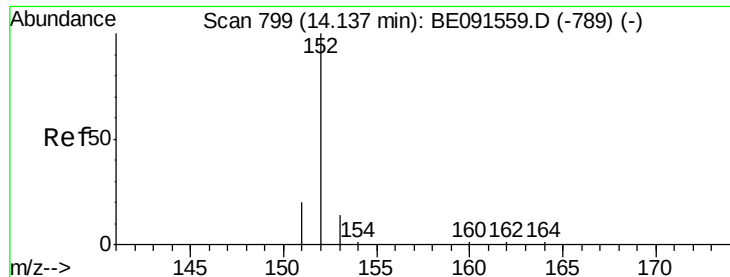
#12
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091568.D
 Acq: 30 Mar 2016 23:12

Tgt Ion:172 Resp: 132140
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.8 44.8
 170 23.2 21.4 32.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#13

Acenaphthylene

Concen: 0.01 ng

RT: 14.14 min Scan# 799

Delta R.T. -0.01 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

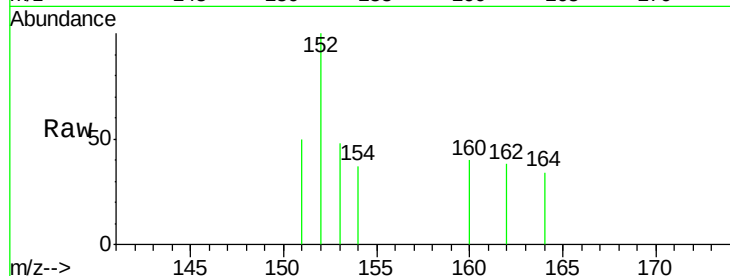
Tot Ion:152 Resp: 357

Ion Ratio Lower Upper

152 100

151 255.2 16.3 24.5#

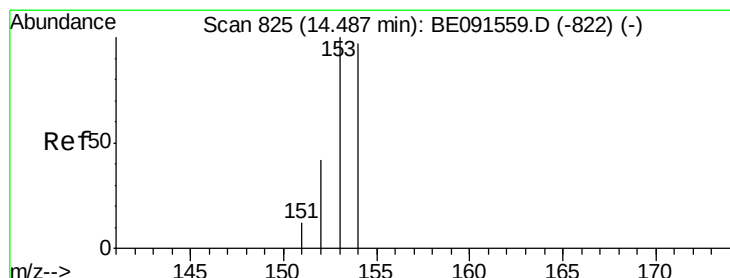
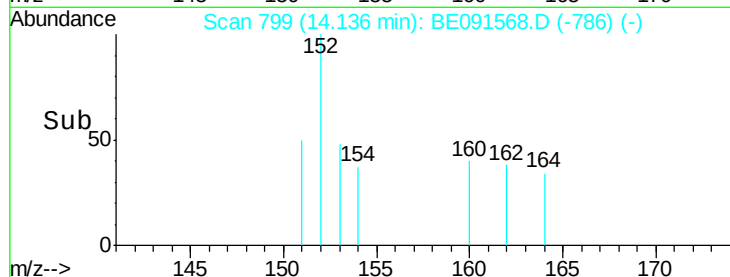
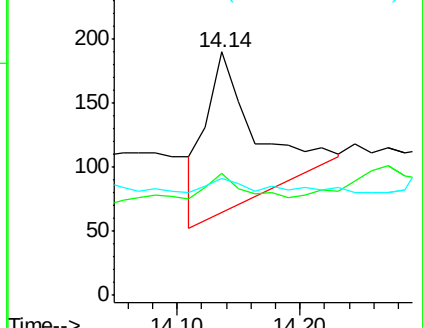
153 0.0 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#14

Acenaphthene

Concen: 0.00 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

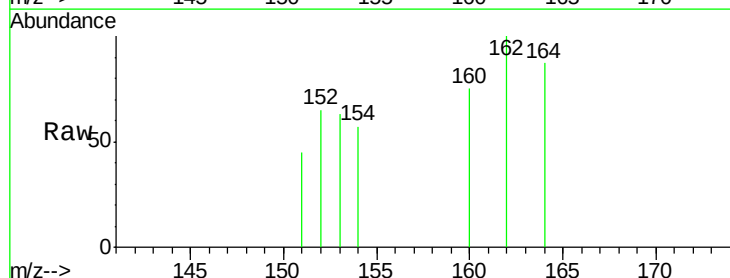
Tgt Ion:154 Resp: 76

Ion Ratio Lower Upper

154 100

153 119.7 87.3 130.9

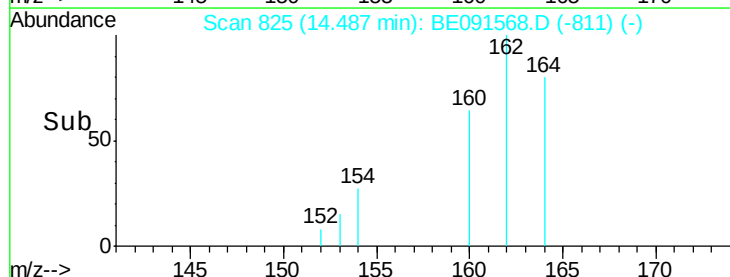
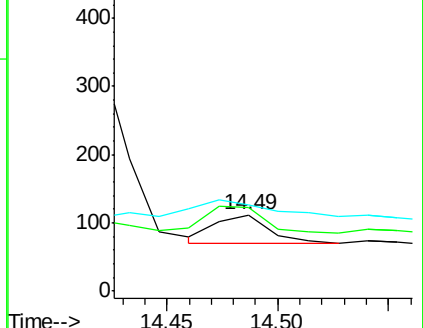
152 123.7 42.9 64.3#

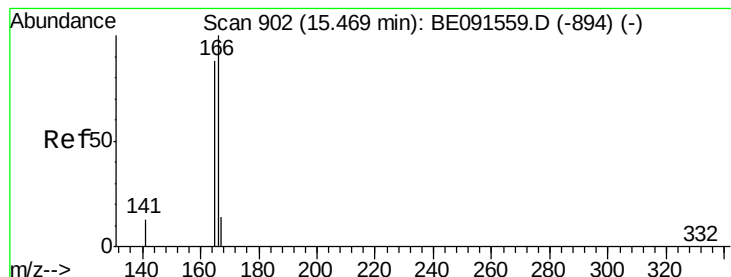


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.00 ng

RT: 15.46 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

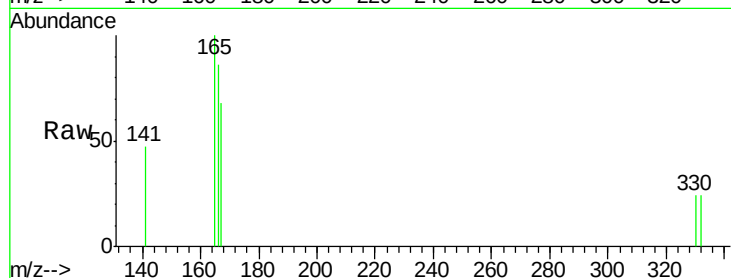
Tot Ion:166 Resp: 178

Ion Ratio Lower Upper

166 100

165 115.7 79.2 118.8

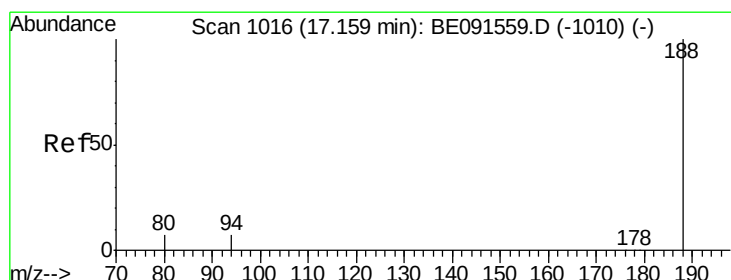
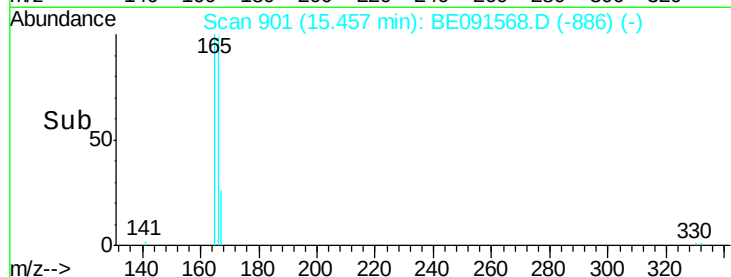
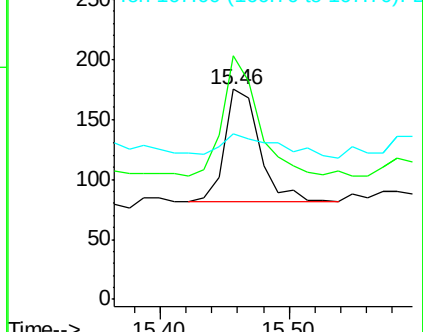
167 33.1 10.8 16.2#



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

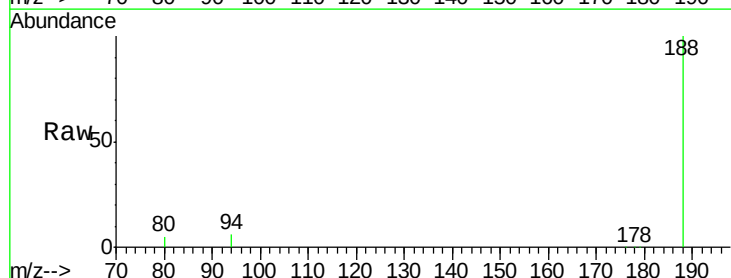
Tgt Ion:188 Resp: 312218

Ion Ratio Lower Upper

188 100

94 5.6 5.4 8.2

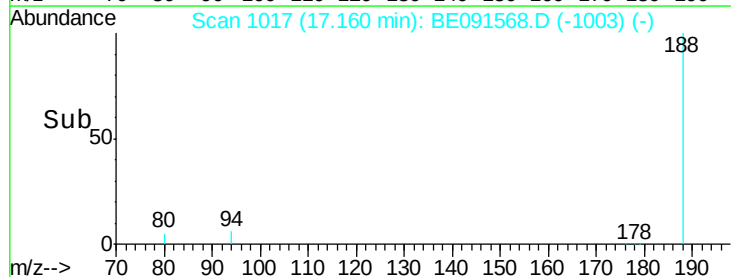
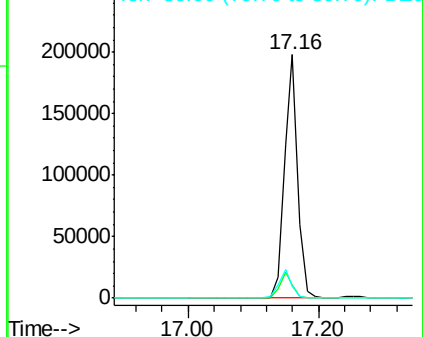
80 4.7 5.0 7.4#

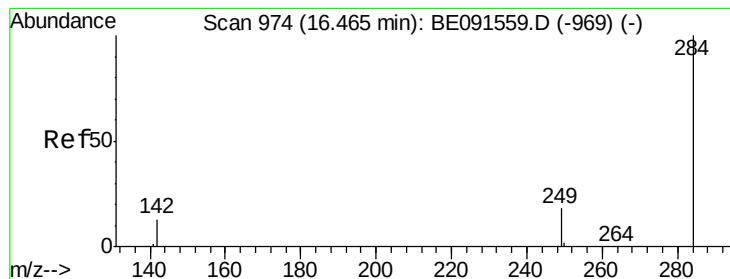


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#17

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.45 min Scan# 973

Delta R.T. -0.03 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

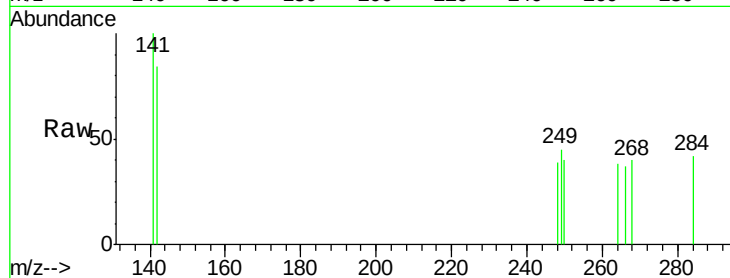
Tot Ion:284 Resp: 29

Ion Ratio Lower Upper

284 100

142 27.6 31.0 46.4#

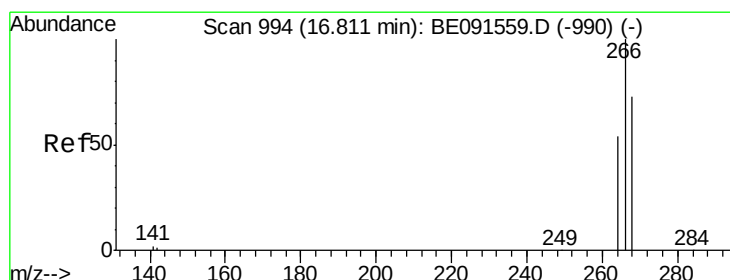
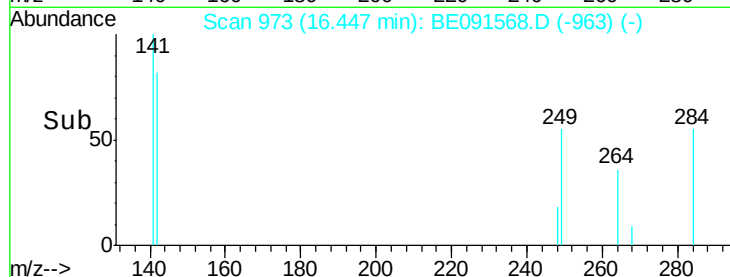
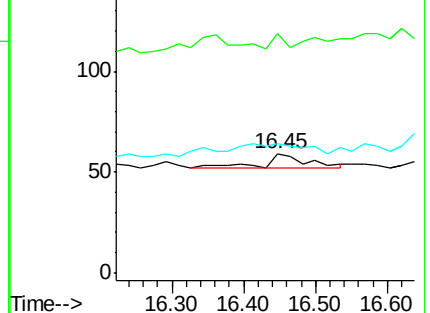
249 0.0 25.8 38.8#



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



#18

Pentachlorophenol

Concen: 0.04 ng

RT: 16.81 min Scan# 994

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

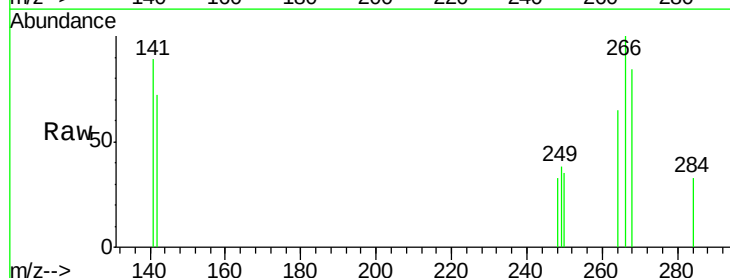
Tgt Ion:266 Resp: 257

Ion Ratio Lower Upper

266 100

268 83.5 48.2 72.2#

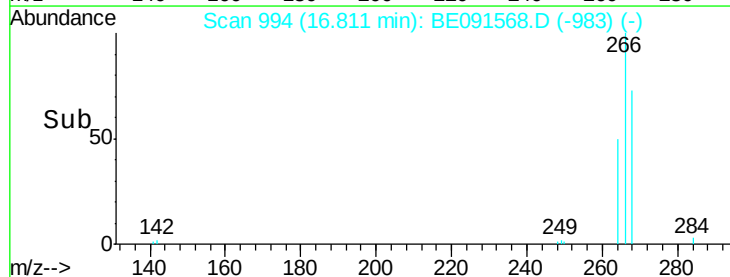
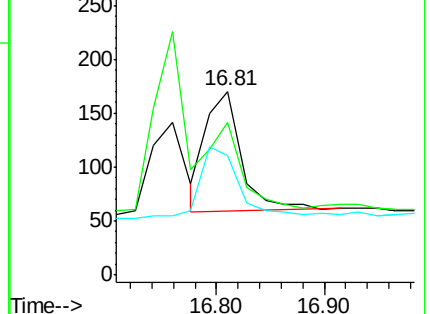
264 65.3 52.1 78.1

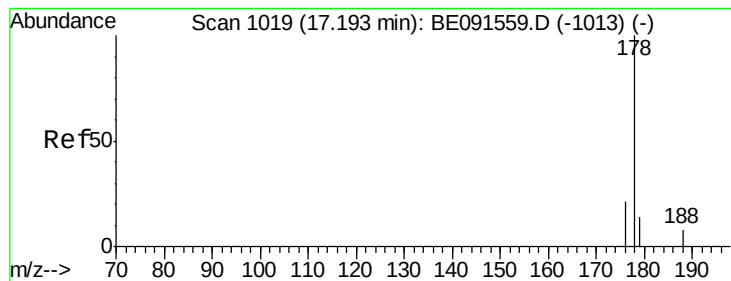


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

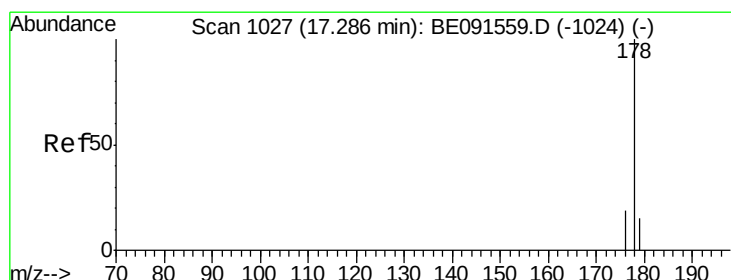
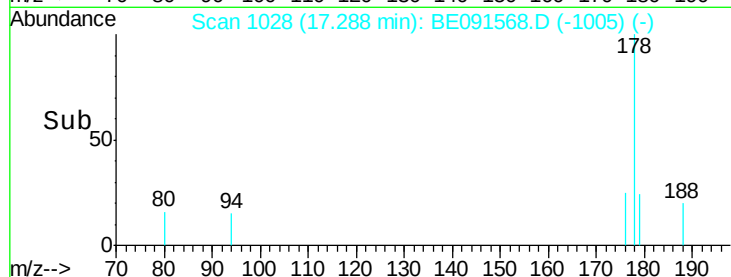
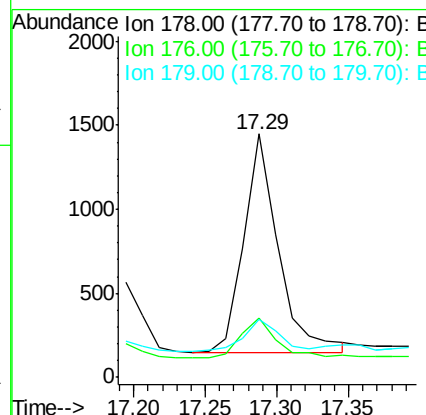
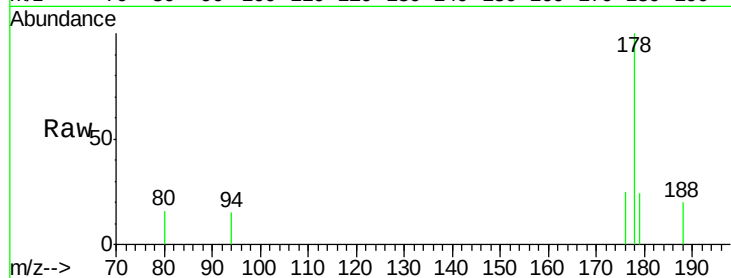




#19
Phenanthrene
Concen: 0.03 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.08 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

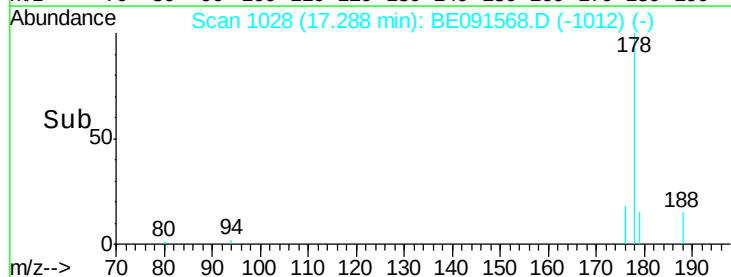
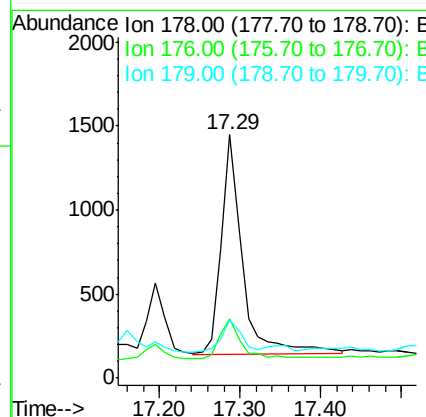
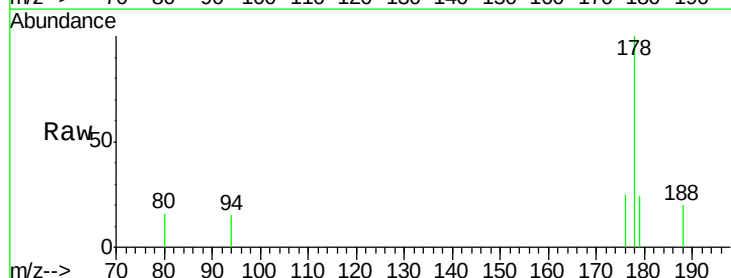
Instrument :
BNA_E
ClientSampleId :

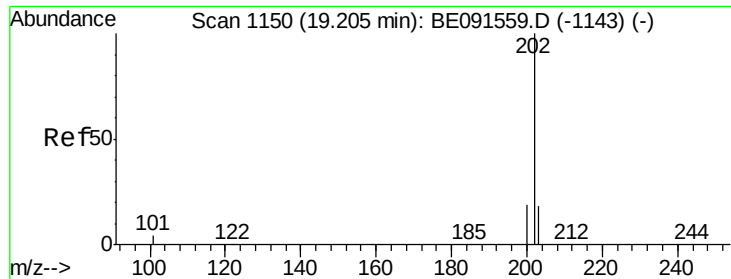
Tot Ion:178 Resp: 2166
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.4 13.1 19.7



#20
Anthracene
Concen: 0.04 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

Tgt Ion:178 Resp: 2360
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 14.1 12.2 18.4

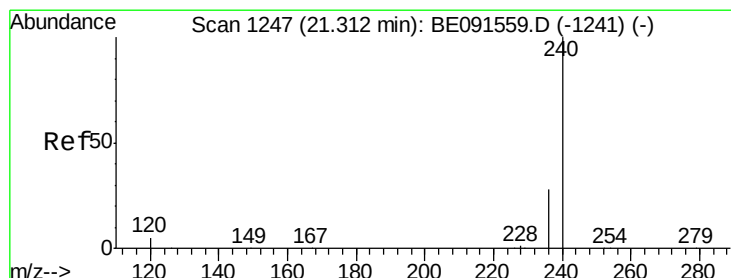
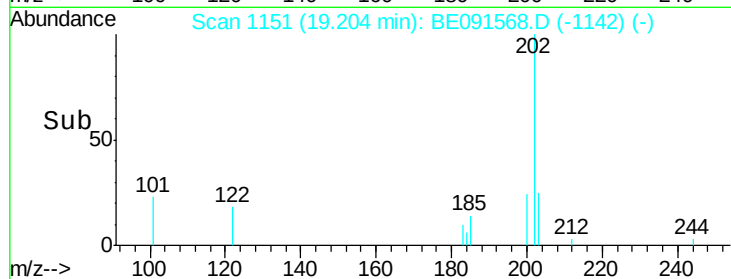
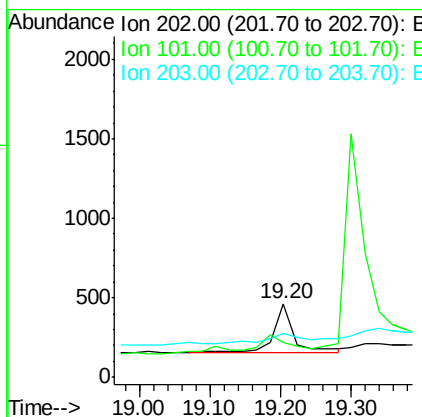
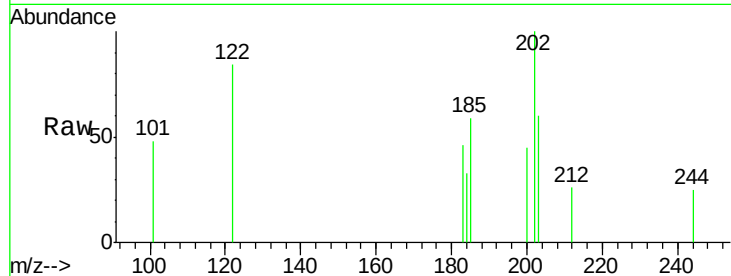




#21
Fluoranthene
Concen: 0.01 ng
RT: 19.20 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

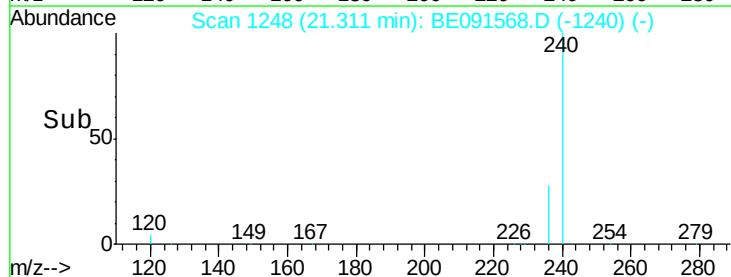
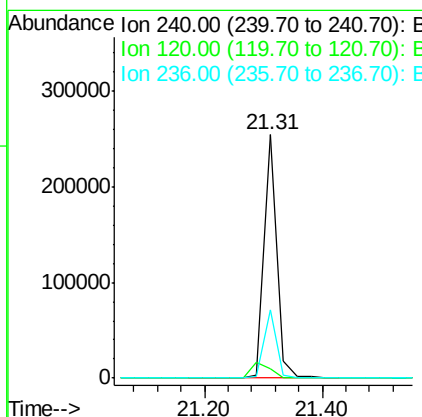
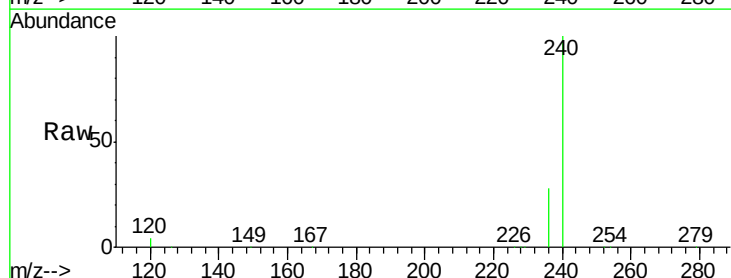
Instrument :
BNA_E
ClientSampleId :

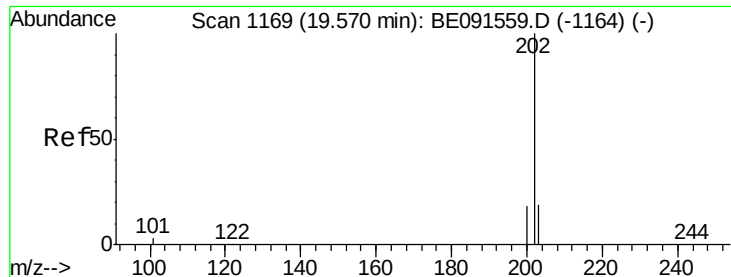
Tot Ion:202 Resp: 652
Ion Ratio Lower Upper
202 100
101 37.3 8.3 12.5#
203 35.6 13.9 20.9#



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

Tgt Ion:240 Resp: 386806
Ion Ratio Lower Upper
240 100
120 3.9 4.0 6.0#
236 28.1 23.0 34.4

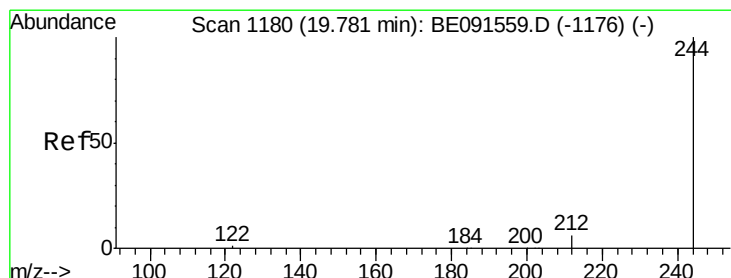
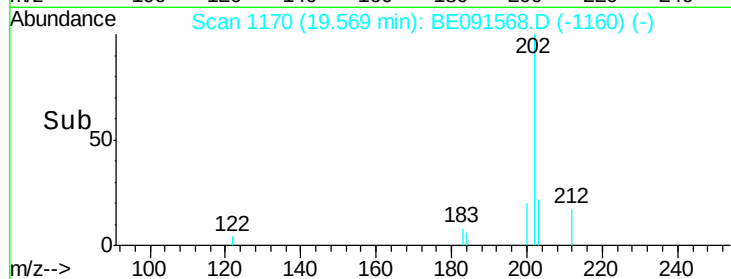
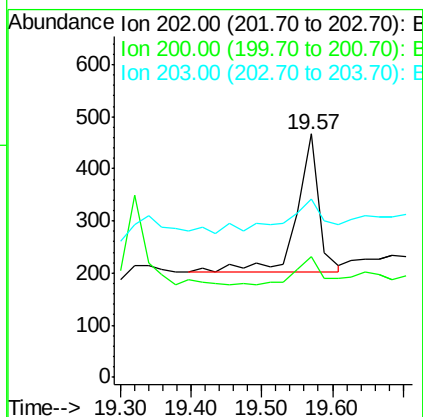
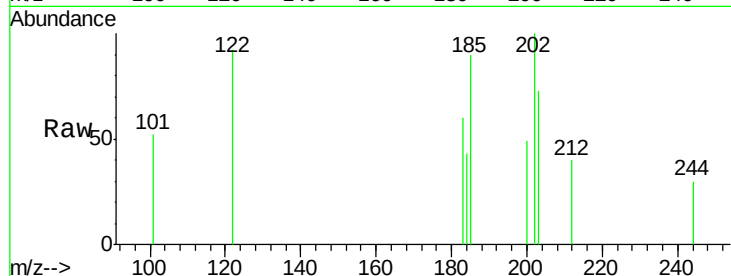




#23
Pvrene
Concen: 0.01 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

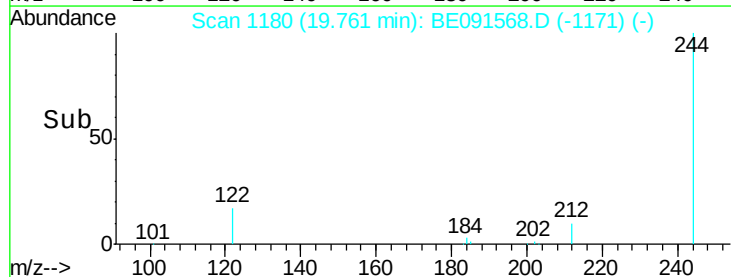
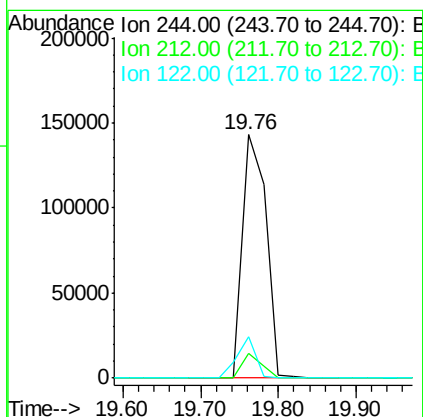
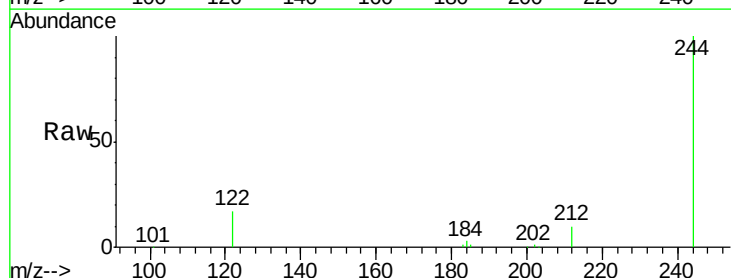
Instrument :
BNA_E
ClientSampleId :

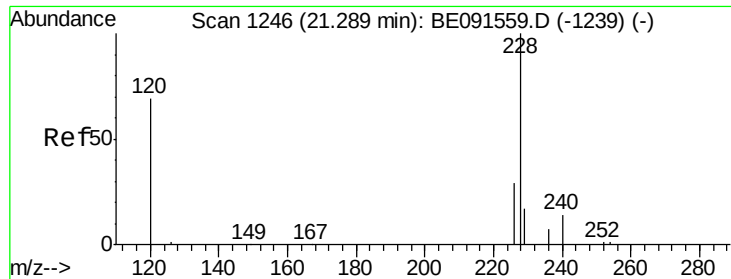
Tot Ion:202 Resp: 573
Ion Ratio Lower Upper
202 100
200 23.9 16.4 24.6
203 45.7 14.6 21.8#



#24
Terphenyl-d14
Concen: 6.13 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

Tgt Ion:244 Resp: 301052
Ion Ratio Lower Upper
244 100
212 10.2 5.8 8.8#
122 17.0 1.8 2.8#

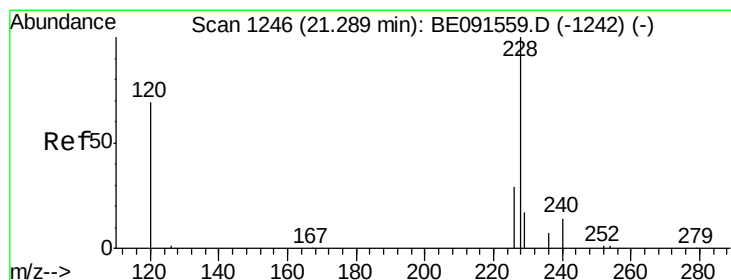
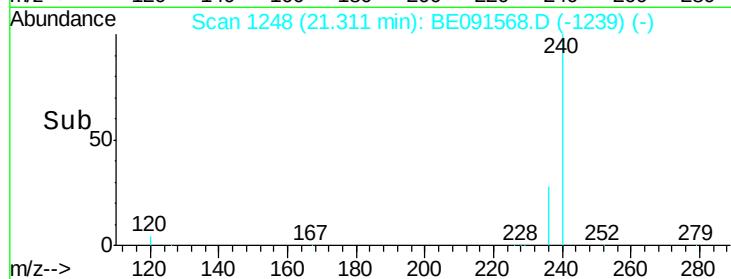
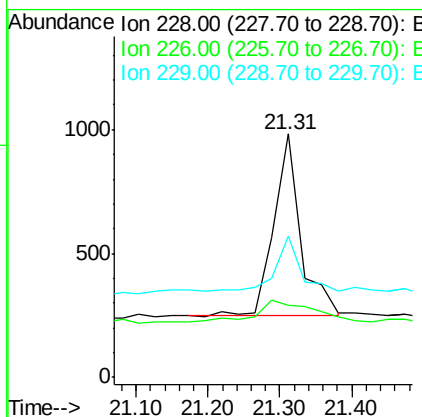
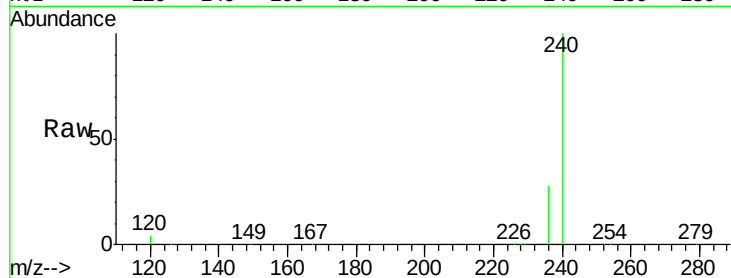




#25
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

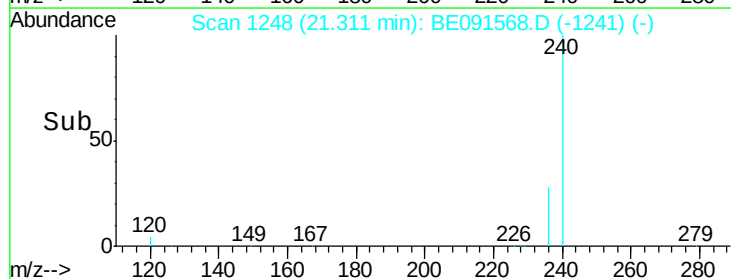
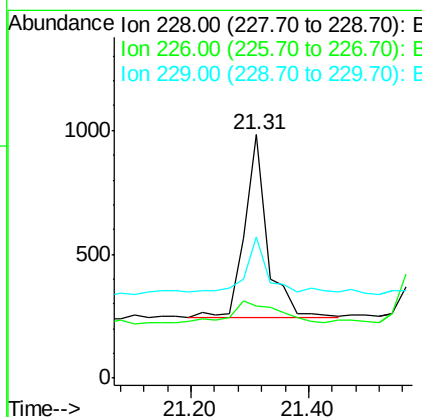
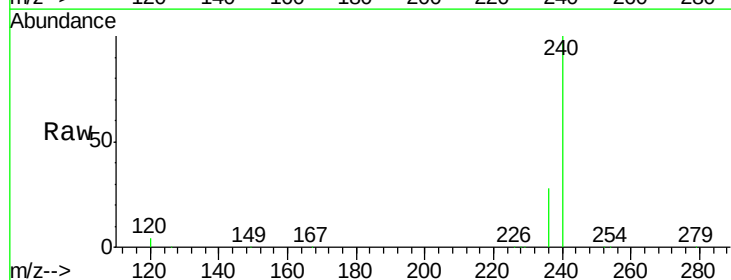
Instrument :
BNA_E
ClientSampled :

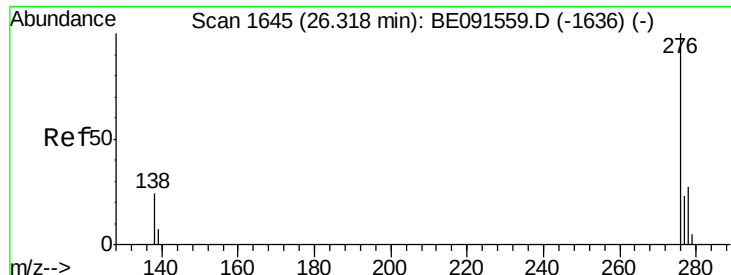
Tot Ion:228 Resp: 1906
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 57.8 13.8 20.6#



#26
Chrysene
Concen: 0.03 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:12

Tgt Ion:228 Resp: 1957
Ion Ratio Lower Upper
228 100
226 29.4 18.9 28.3#
229 57.8 19.1 28.7#

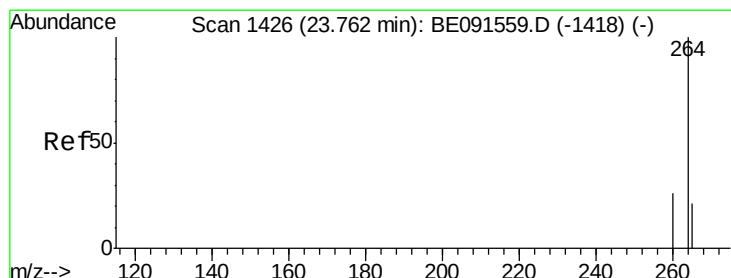
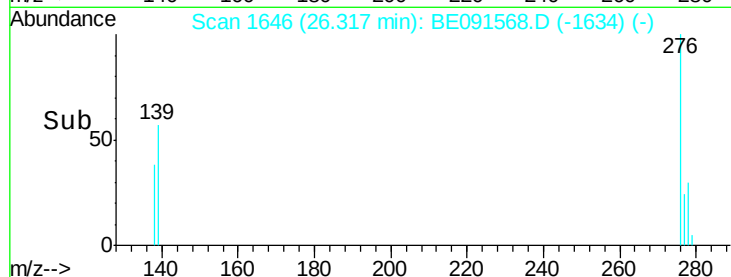
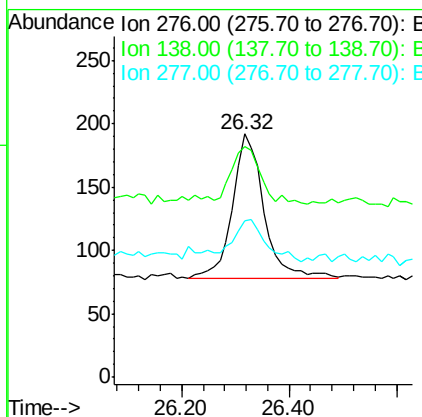
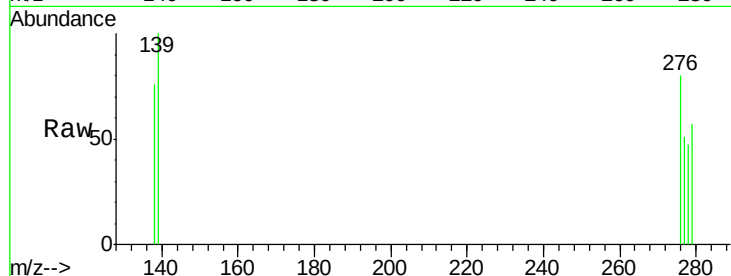




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.06 min
 Lab File: BE091568.D
 Acq: 30 Mar 2016 23:12

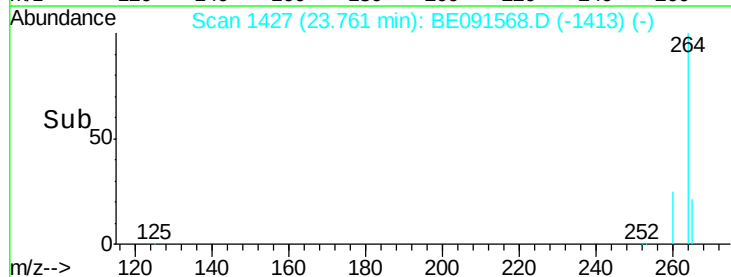
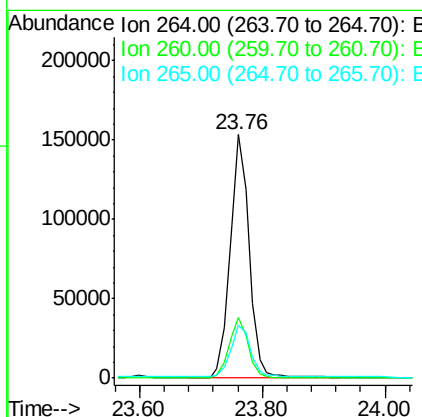
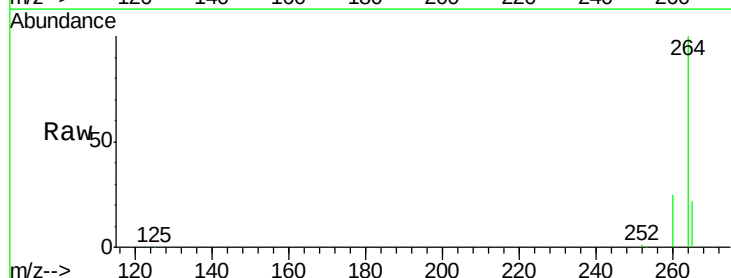
Instrument :
 BNA_E
 ClientSampleId :

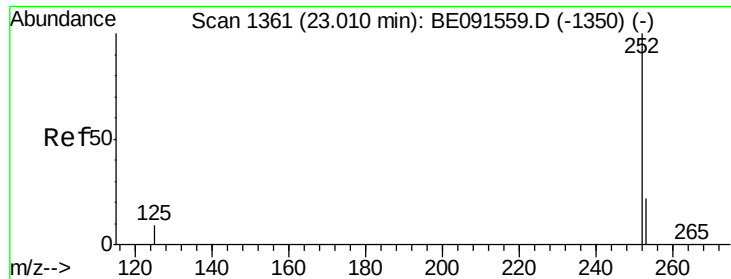
Tot Ion:276 Resp: 461
 Ion Ratio Lower Upper
 276 100
 138 36.7 20.2 30.4#
 277 28.9 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE091568.D
 Acq: 30 Mar 2016 23:12

Tgt Ion:264 Resp: 332552
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.9 18.3 27.5





#29

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 23.01 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampled :

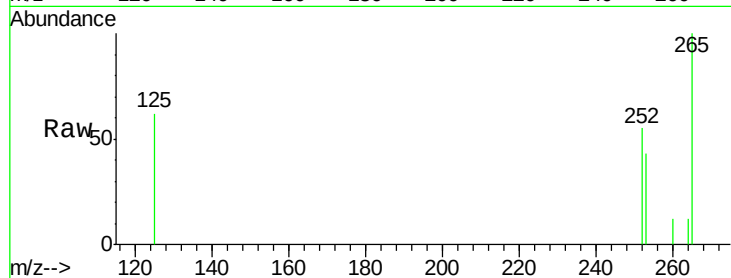
Tot Ion:252 Resp: 692

Ion Ratio Lower Upper

252 100

253 78.2 18.7 28.1#

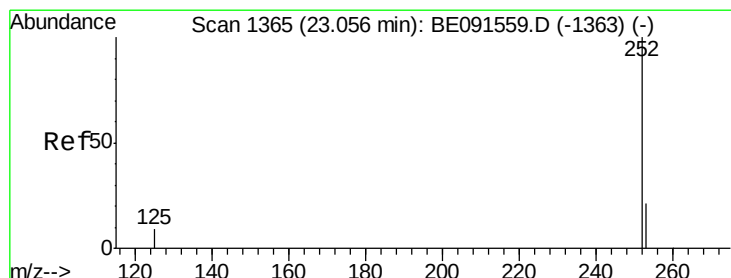
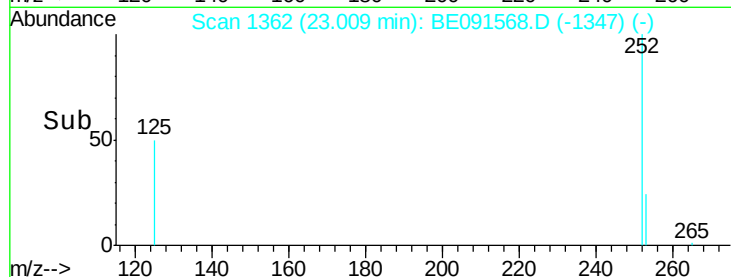
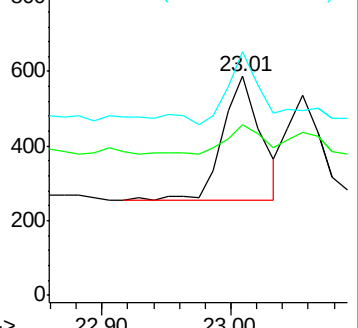
125 111.2 9.8 14.6#



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



#30

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 23.06 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

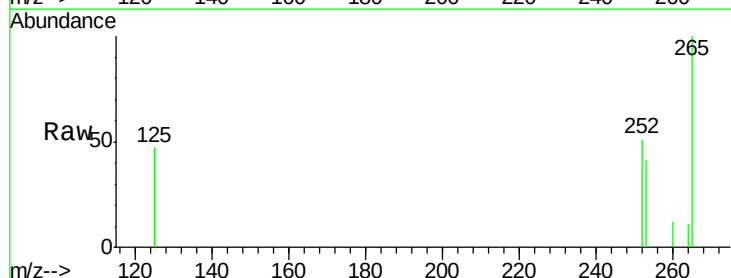
Tgt Ion:252 Resp: 546

Ion Ratio Lower Upper

252 100

253 81.2 20.2 30.4#

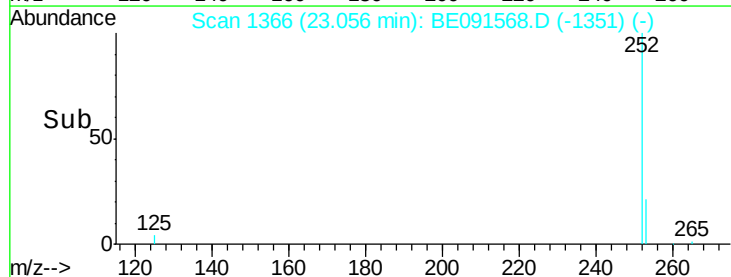
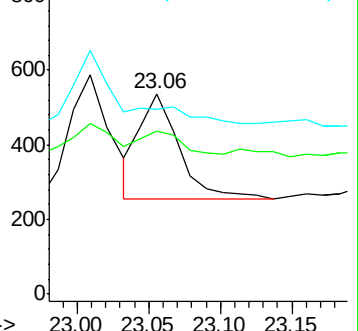
125 92.0 9.4 14.2#

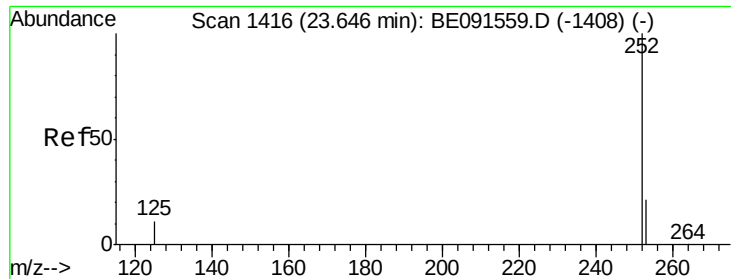


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.65 min Scan# 1417

Delta R.T. -0.03 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampled :

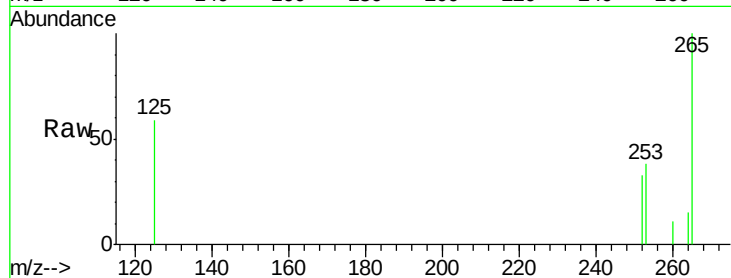
Tot Ion:252 Resp: 278

Ion Ratio Lower Upper

252 100

253 114.5 19.4 29.0#

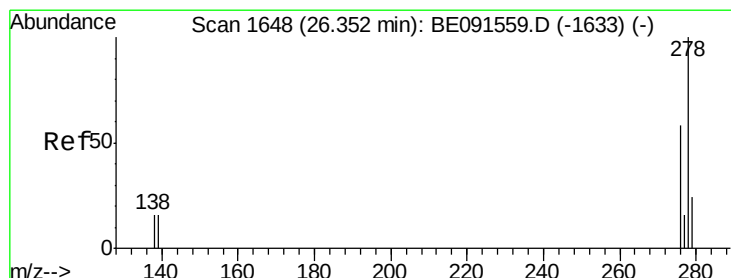
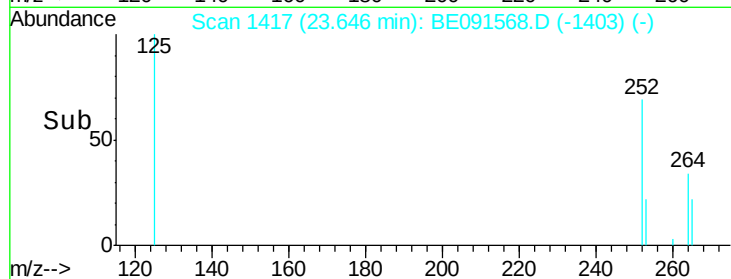
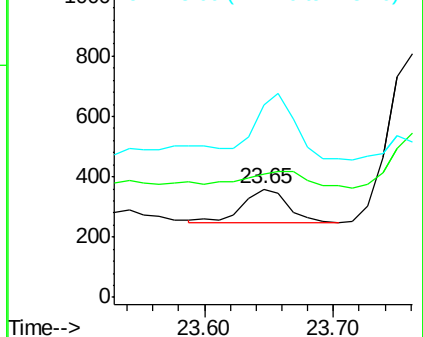
125 178.2 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.06 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

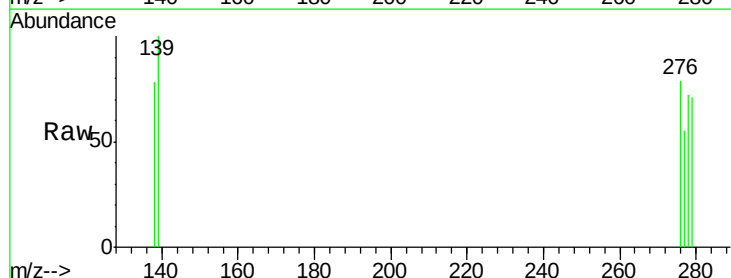
Tgt Ion:278 Resp: 278

Ion Ratio Lower Upper

278 100

139 138.6 14.2 21.4#

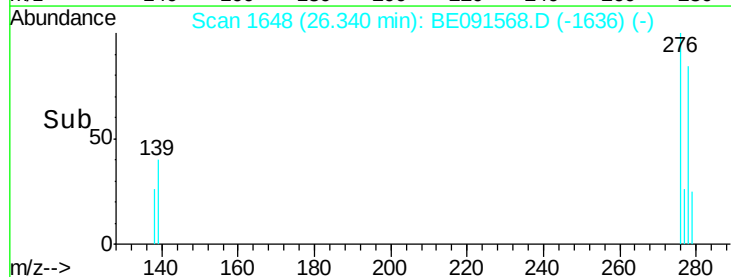
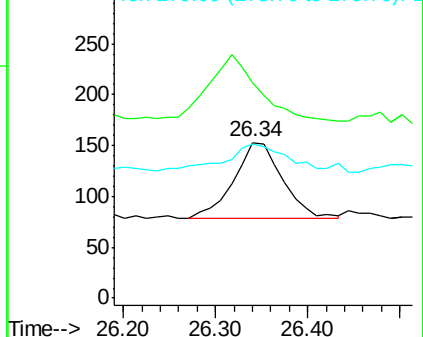
279 98.7 19.6 29.4#

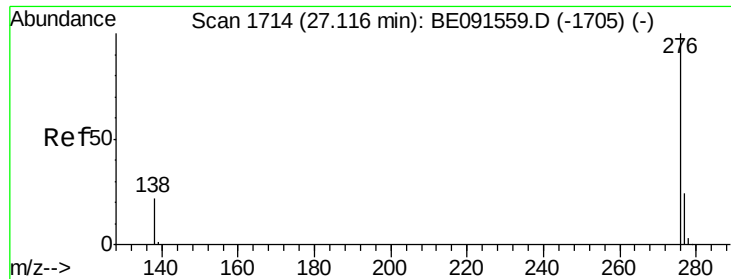


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(a,h,i)perylene

Concen: 0.00 ng

RT: 27.12 min Scan# 1715

Delta R.T. -0.05 min

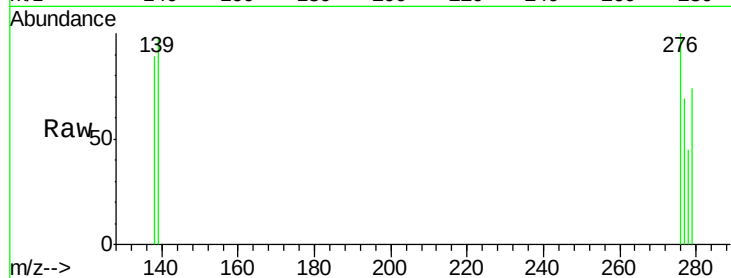
Lab File: BE091568.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :



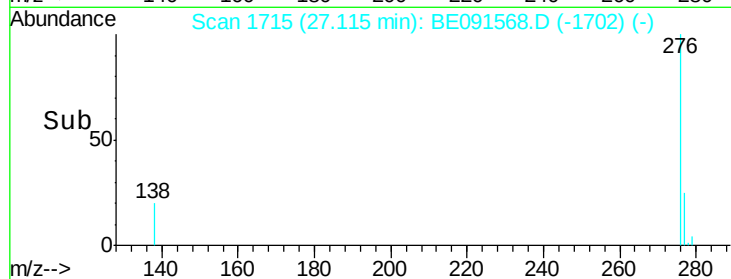
Tot Ion:276 Resp: 364

Ion Ratio Lower Upper

276 100

277 69.0 19.4 29.2#

138 89.5 18.2 27.4#



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

