

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092815\
 Data File : BE090976.D
 Acq On : 28 Sep 2015 21:21
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 30 16:01:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 05:34:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	38065	5.00	ng	-0.01
7) Naphthalene-d8	10.23	136	174388	5.00	ng	-0.02
13) Acenaphthene-d10	14.11	164	97348	5.00	ng	0.00
19) Phenanthrene-d10	16.86	188	224855	5.00	ng	0.00
26) Chrysene-d12	21.02	240	265909	5.00	ng	0.00
35) Perylene-d12	23.27	264	235429	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	78509	5.47	ng	0.00
5) Phenol-d6	6.67	99	112743	5.40	ng	-0.05
8) Nitrobenzene-d5	8.62	82	118127	5.24	ng	-0.03
14) 2,4,6-Tribromophenol	15.60	330	34314	5.93	ng	-0.04
15) 2-Fluorobiphenyl	12.72	172	249323	4.05	ng	-0.02
29) Terphenyl-d14	19.48	244	329020	4.51	ng	-0.02

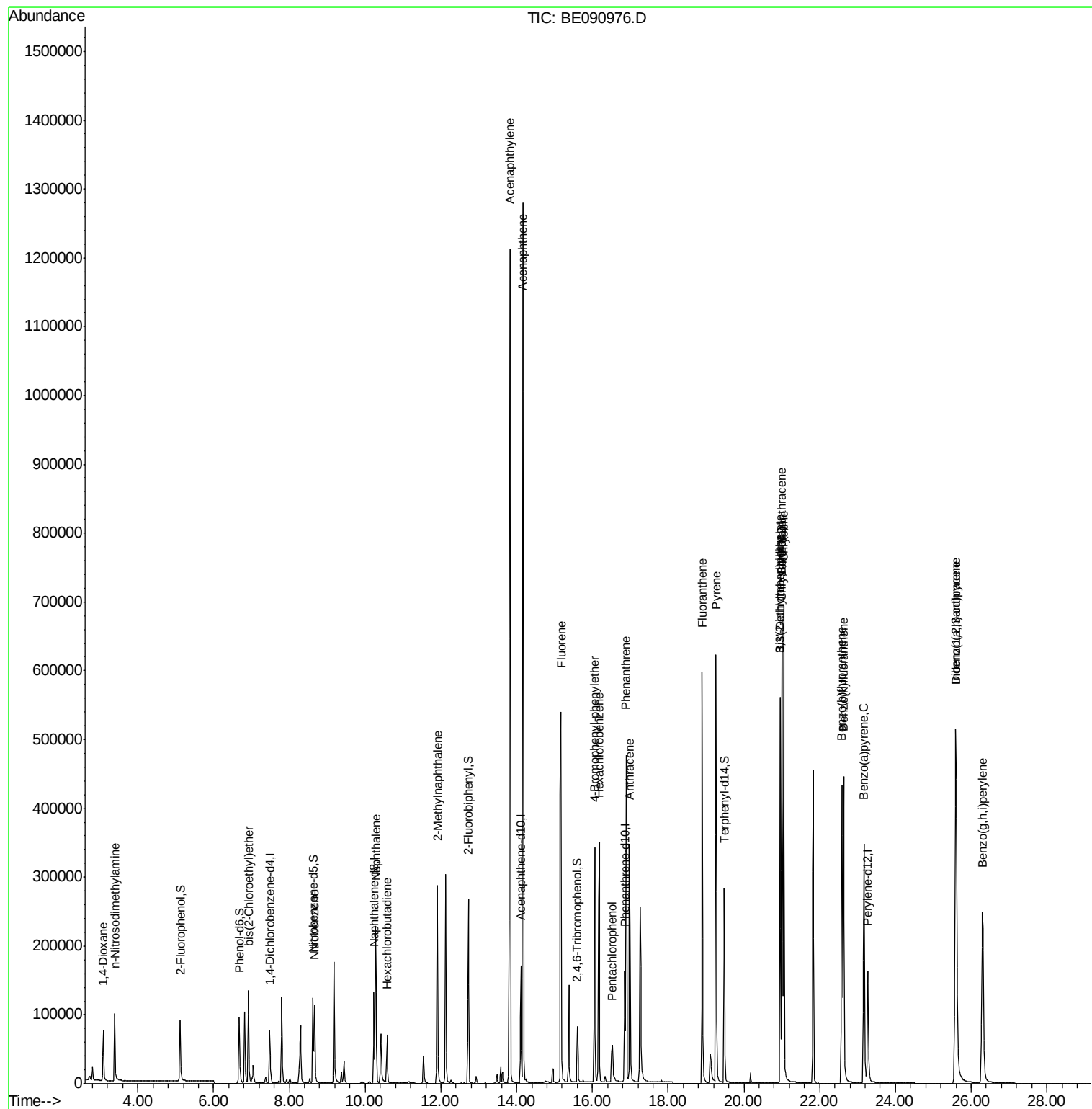
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	47220	3.30	ng	98
3) n-Nitrosodimethylamine	3.38	42	59103	3.96	ng	90
6) bis(2-Chloroethyl)ether	6.92	93	105032	4.79	ng	# 80
9) Nitrobenzene	8.66	77	135951	5.95	ng	97
10) Naphthalene	10.28	128	328918	3.64	ng	99
11) Hexachlorobutadiene	10.58	225	51068	3.25	ng	98
12) 2-Methylnaphthalene	11.91	142	223267	4.24	ng	99
16) Acenaphthylene	13.82	152	1568235	4.20	ng	100
17) Acenaphthene	14.17	154	232486	3.80	ng	94
18) Fluorene	15.17	166	290686	3.87	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	81011	4.07	ng	90
21) Hexachlorobenzene	16.18	284	369680	3.51	ng	98
22) Pentachlorophenol	16.53	266	40335	7.43	ng	91
23) Phenanthrene	16.89	178	499488	3.82	ng	99
24) Anthracene	16.98	178	487223	4.59	ng	99
25) Fluoranthene	18.90	202	576144	4.17	ng	100
28) Pyrene	19.26	202	609620	4.28	ng	99
30) Benzo(a)anthracene	21.00	228	589627	4.17	ng	97
31) 3,3'-Dichlorobenzidine	20.95	252	153981	7.84	ng	# 97
32) Chrysene	21.05	228	603111	3.68	ng	99
33) Bis(2-ethylhexyl)phthalate	20.95	149	343850	8.61	ng	98
34) Indeno(1,2,3-cd)pyrene	25.59	276	678967	4.83	ng	99
36) Benzo(b)fluoranthene	22.58	252	548945	4.71	ng	100
37) Benzo(k)fluoranthene	22.63	252	612058	4.17	ng	99
38) Benzo(a)pyrene	23.17	252	527288	5.07	ng	99
39) Dibenzo(a,h)anthracene	25.61	278	554792	5.42	ng	98
40) Benzo(g,h,i)perylene	26.30	276	546830	4.82	ng	99

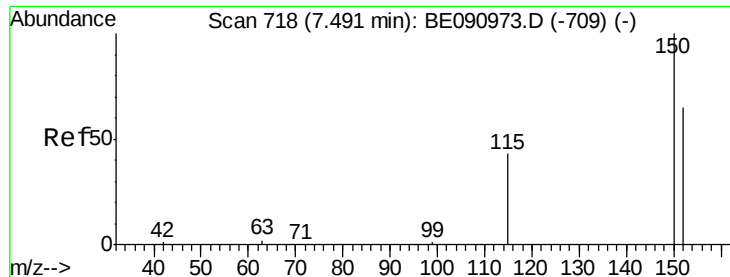
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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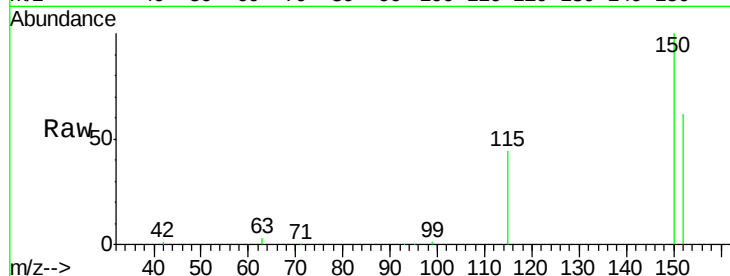




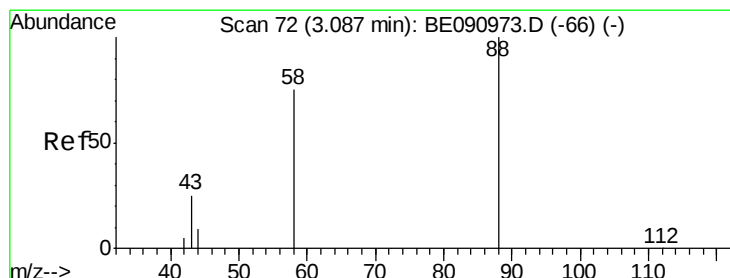
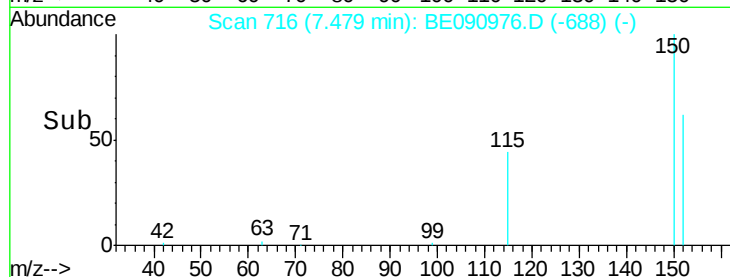
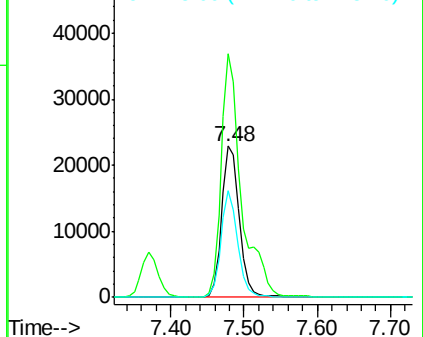
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.48 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BE090976.D
 Acq: 28 Sep 2015 21:21

Instrument :
 BNA_E
 ClientSampleID :
 SSTDICC010

Tgt Ion: 152 Resp: 38065
 Ion Ratio Lower Upper
 152 100
 150 160.8 122.6 183.8
 115 70.7 52.8 79.2

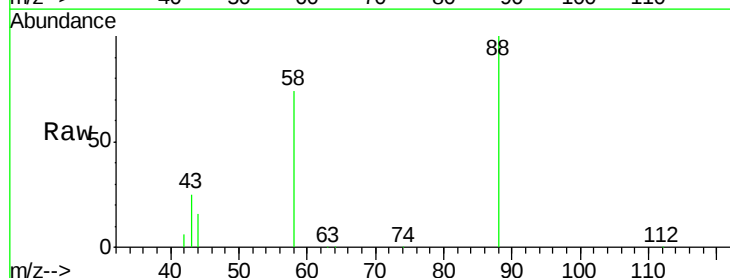


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

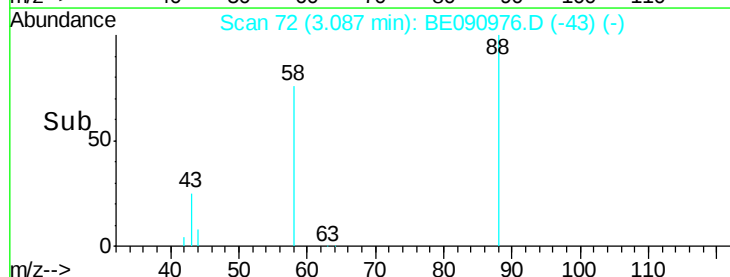
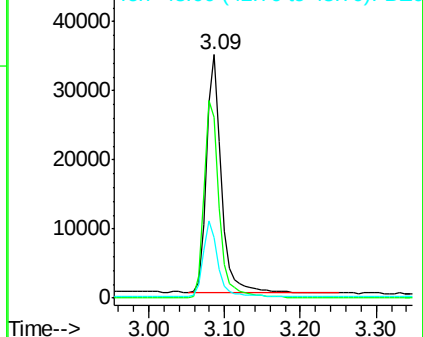


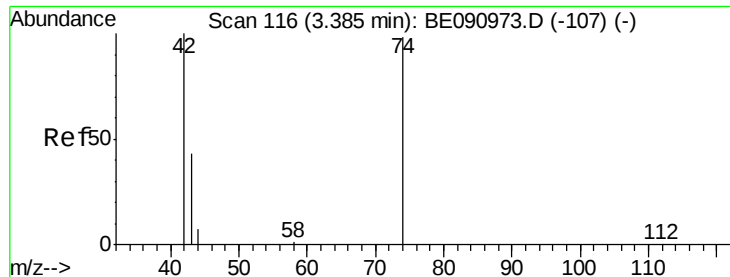
#2
 1,4-Dioxane
 Concen: 3.30 ng
 RT: 3.09 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE090976.D
 Acq: 28 Sep 2015 21:21

Tgt Ion: 88 Resp: 47220
 Ion Ratio Lower Upper
 88 100
 58 85.0 65.8 98.6
 43 31.5 25.3 37.9



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



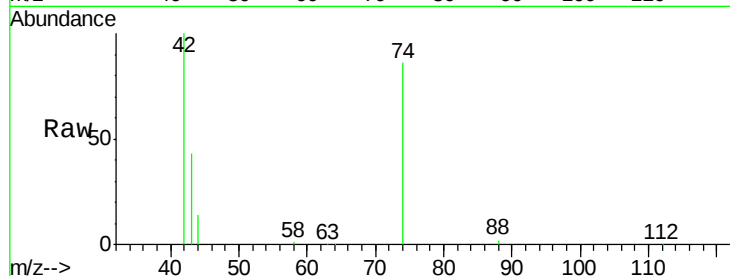


#3

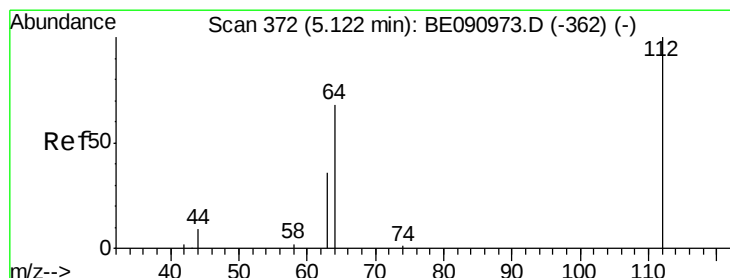
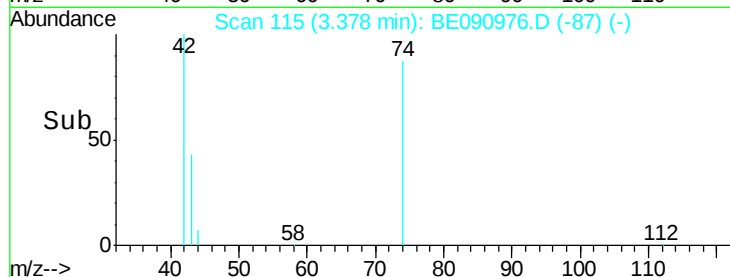
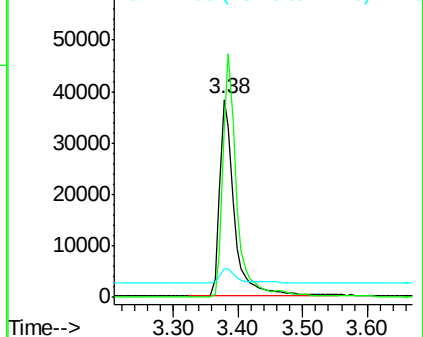
n-Nitrosodimethylamine
 Concen: 3.96 ng
 RT: 3.38 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BE090976.D
 Acq: 28 Sep 2015 21:21

Instrument :
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 ClientSampleId :
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Tgt Ion: 42 Resp: 59103
 Ion Ratio Lower Upper
 42 100
 74 120.7 87.9 131.9
 44 8.2 6.6 9.8



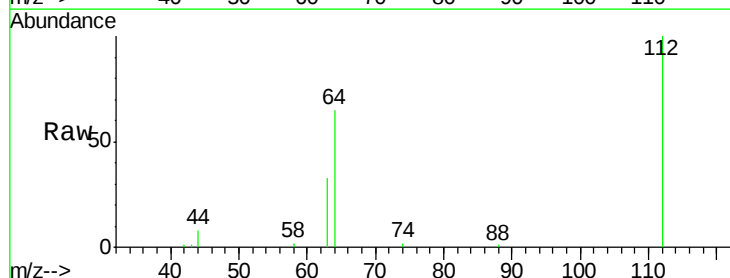
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



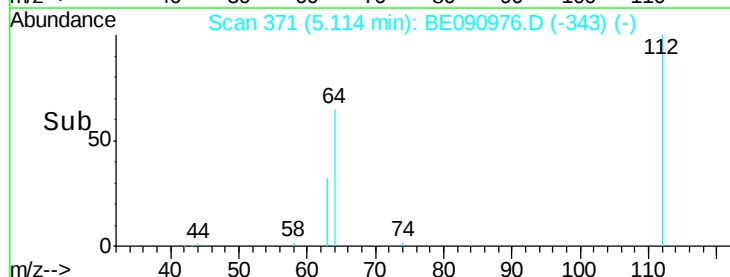
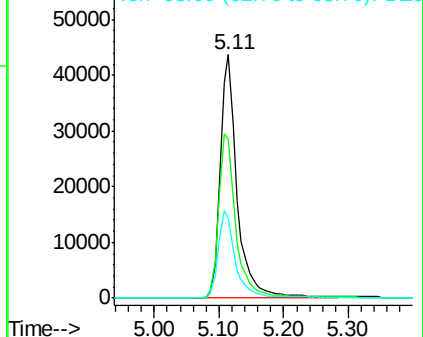
#4

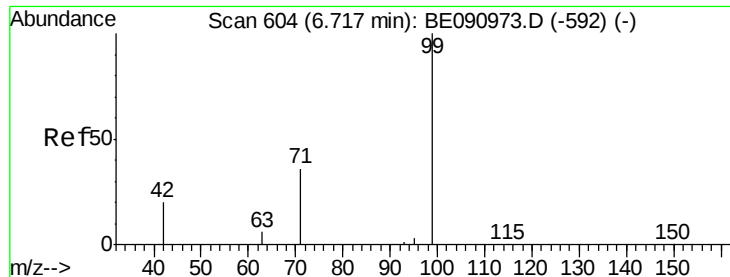
2-Fluorophenol
 Concen: 5.47 ng
 RT: 5.11 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BE090976.D
 Acq: 28 Sep 2015 21:21

Tgt Ion: 112 Resp: 78509
 Ion Ratio Lower Upper
 112 100
 64 69.5 30.9 46.3#
 63 36.0 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: 5.40 ng

RT: 6.67 min Scan# 597

Delta R.T. -0.05 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

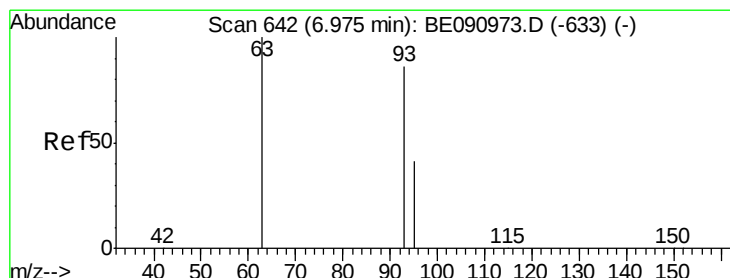
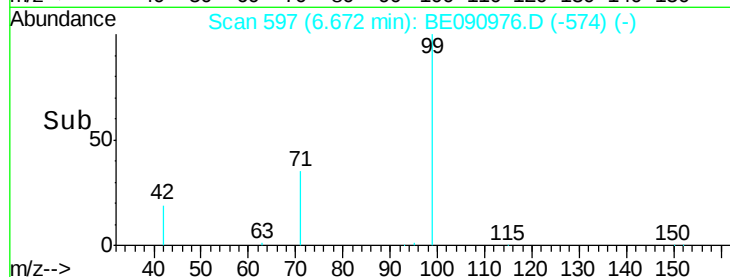
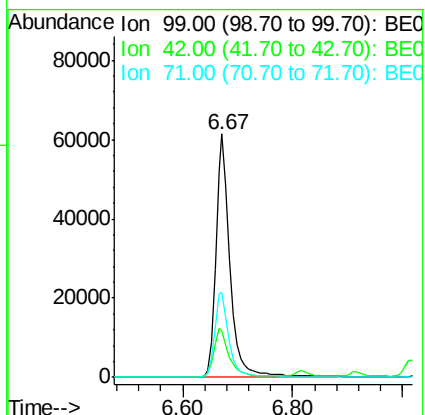
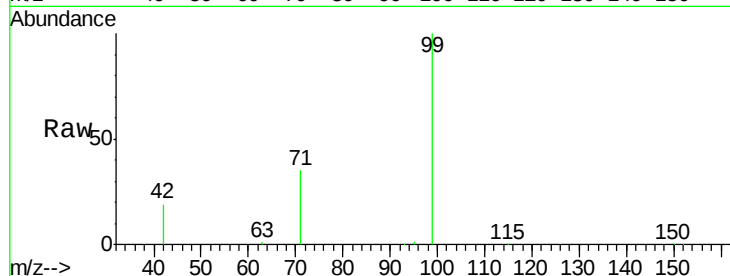
Tgt Ion: 99 Resp: 112743

Ion Ratio Lower Upper

99 100

42 21.3 16.2 24.2

71 36.1 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 4.79 ng

RT: 6.92 min Scan# 633

Delta R.T. -0.06 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

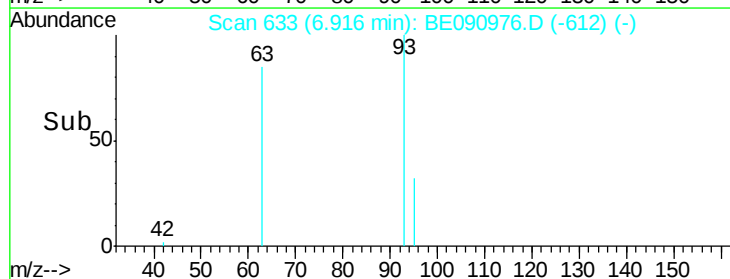
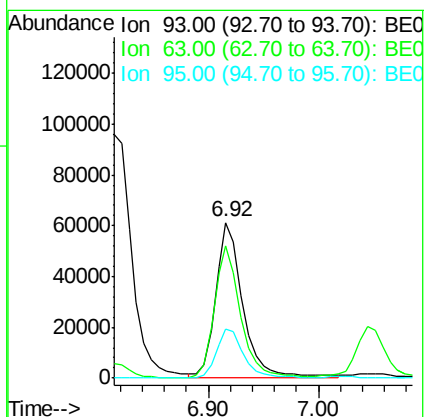
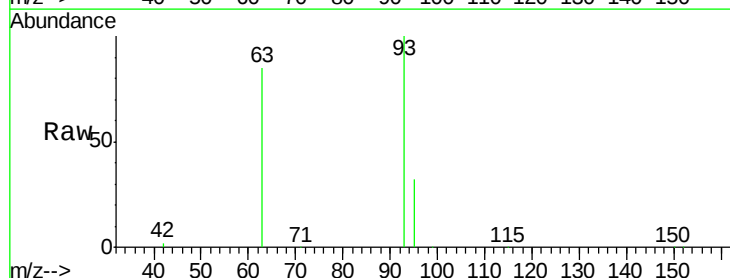
Tgt Ion: 93 Resp: 105032

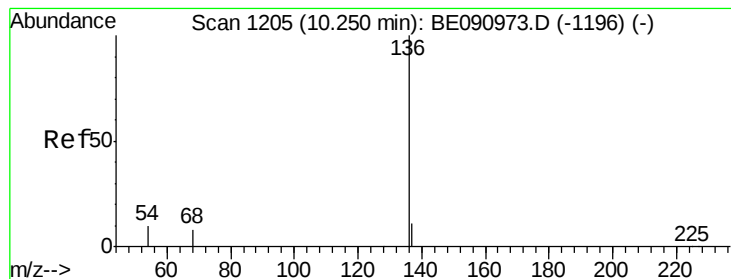
Ion Ratio Lower Upper

93 100

63 81.6 49.5 74.3#

95 31.3 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.23 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

Tgt Ion: 136 Resp: 174388

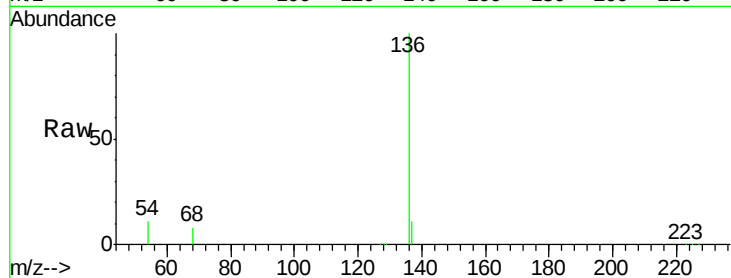
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.6 8.2 12.4

68 7.8 6.2 9.4

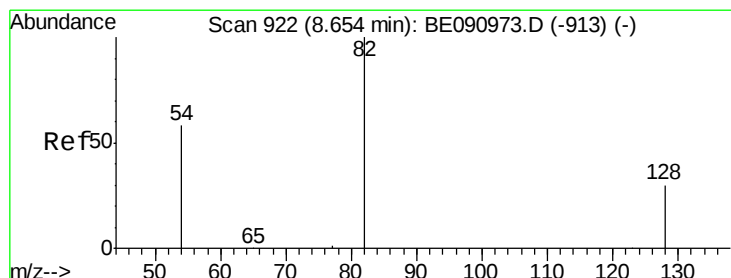
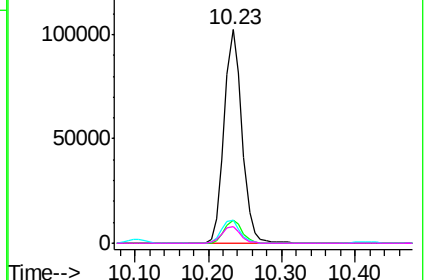
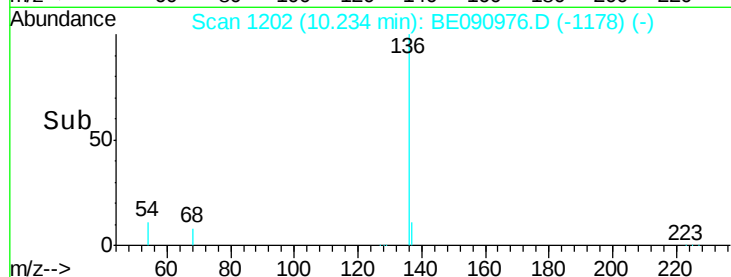


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 5.24 ng

RT: 8.62 min Scan# 915

Delta R.T. -0.03 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

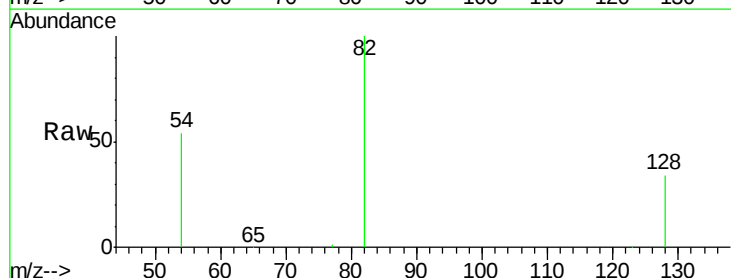
Tgt Ion: 82 Resp: 118127

Ion Ratio Lower Upper

82 100

128 33.5 25.4 38.0

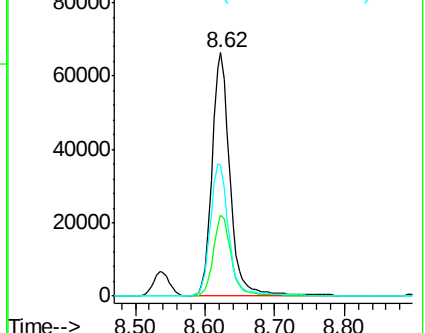
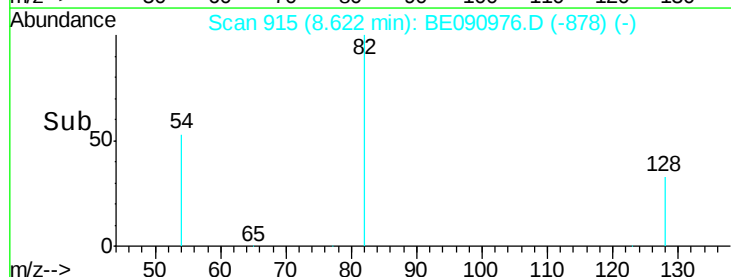
54 53.6 48.4 72.6

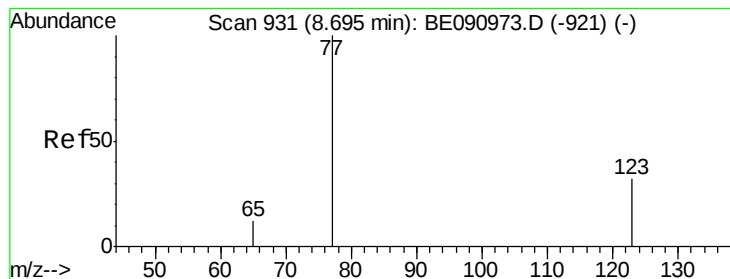


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 5.95 ng

RT: 8.66 min Scan# 924

Delta R.T. -0.03 min

Lab File: BE090976.D

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ClientSampleId :

SSTDIC010

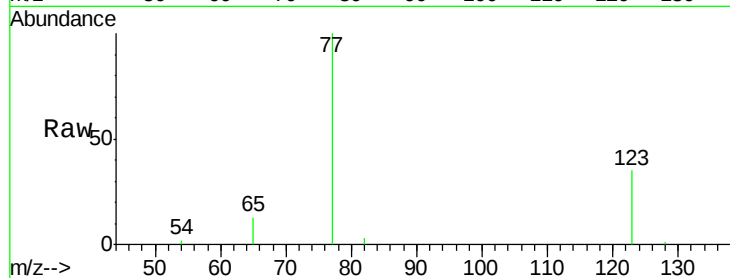
Tgt Ion: 77 Resp: 135951

Ion Ratio Lower Upper

77 100

123 35.3 26.9 40.3

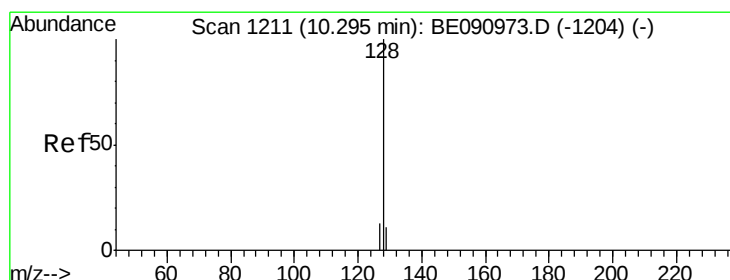
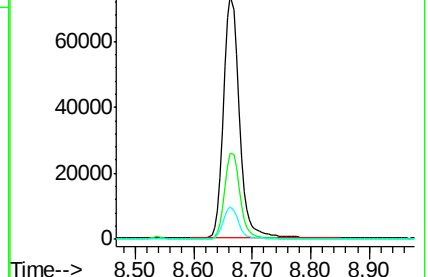
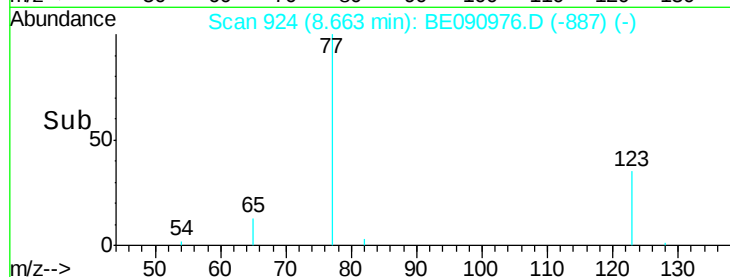
65 13.1 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 3.64 ng

RT: 10.28 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

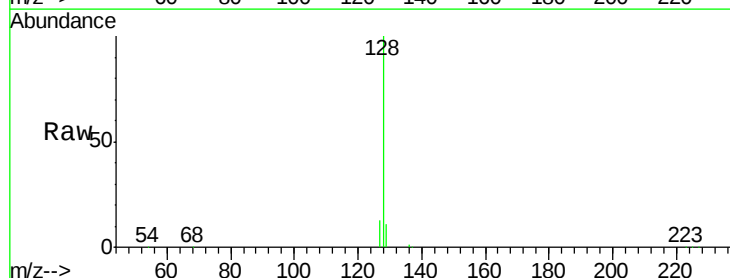
Tgt Ion: 128 Resp: 328918

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

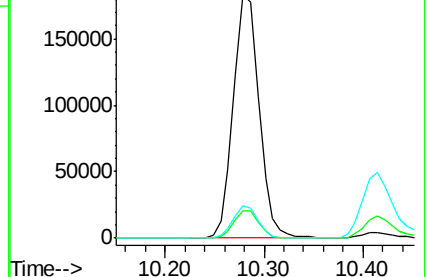
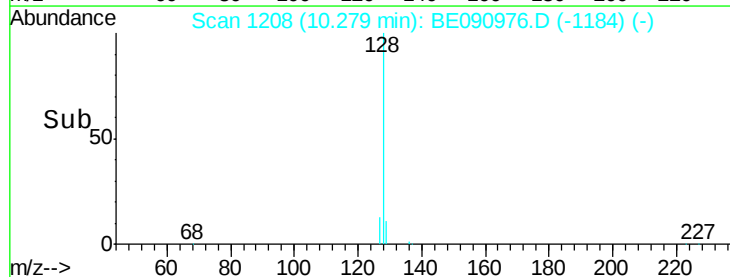
127 13.3 10.7 16.1

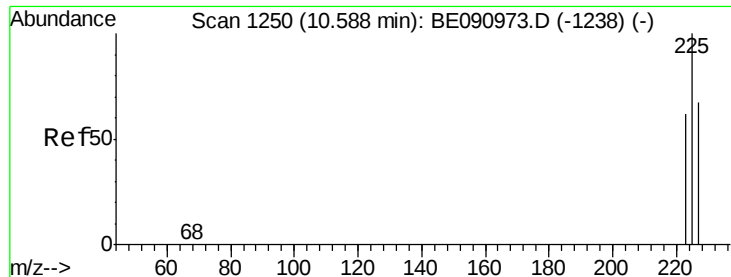


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

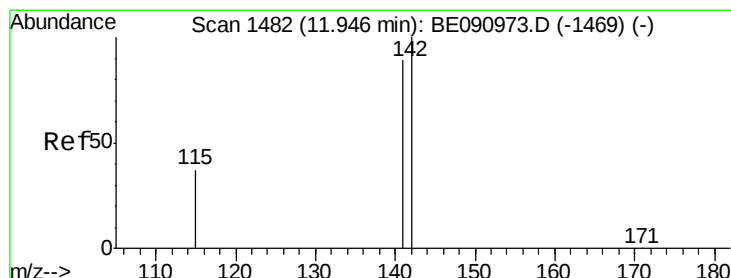
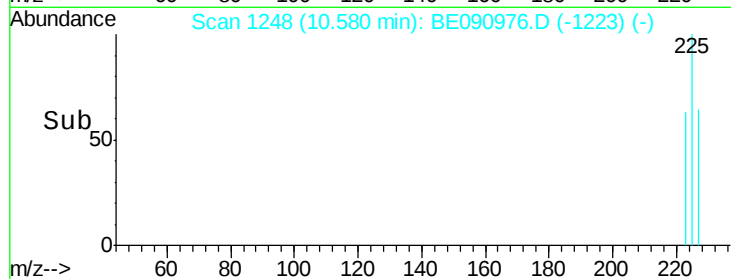
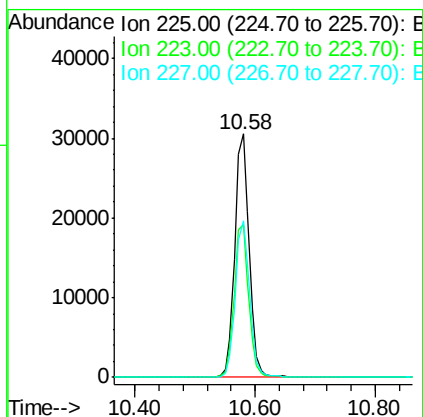
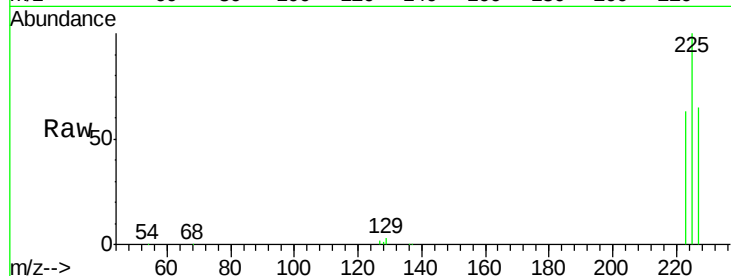




#11
Hexachlorobutadiene
Concen: 3.25 ng
RT: 10.58 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BE090976.D
Acq: 28 Sep 2015 21:21

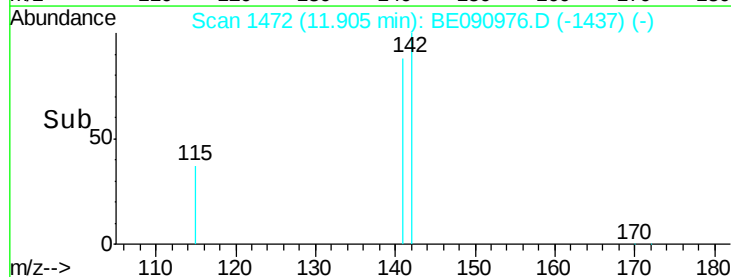
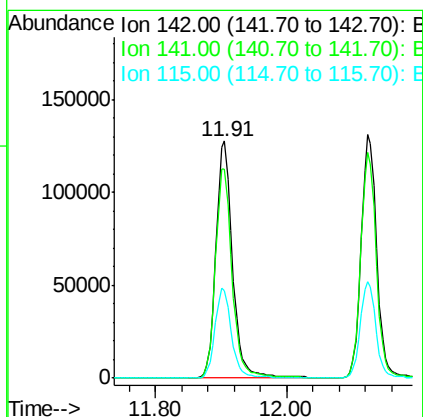
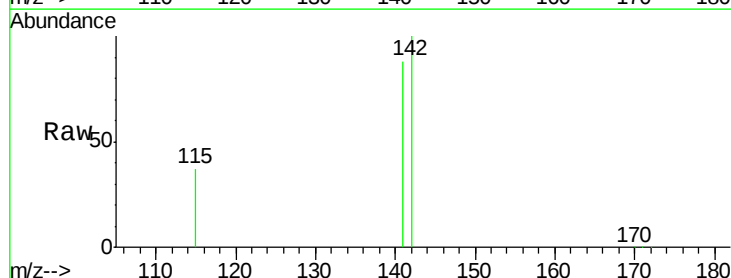
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BNA_E
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SSTDIC010

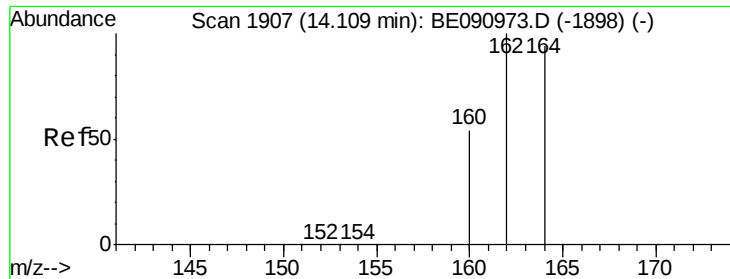
Tgt Ion: 225 Resp: 51068
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 64.0 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.24 ng
RT: 11.91 min Scan# 1472
Delta R.T. -0.04 min
Lab File: BE090976.D
Acq: 28 Sep 2015 21:21

Tgt Ion: 142 Resp: 223267
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0
115 37.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

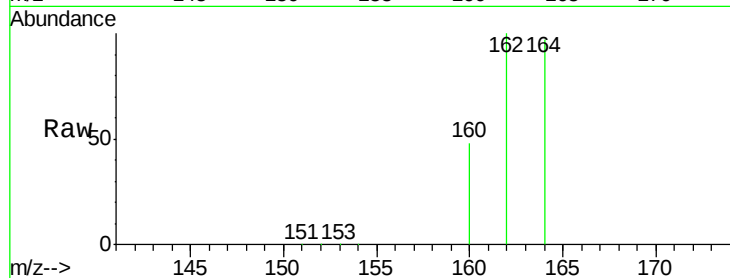
Tgt Ion:164 Resp: 97348

Ion Ratio Lower Upper

164 100

162 103.4 85.3 127.9

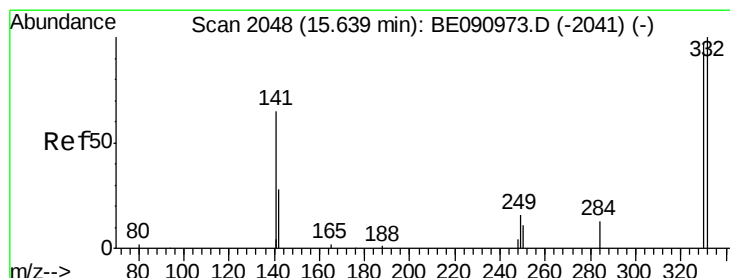
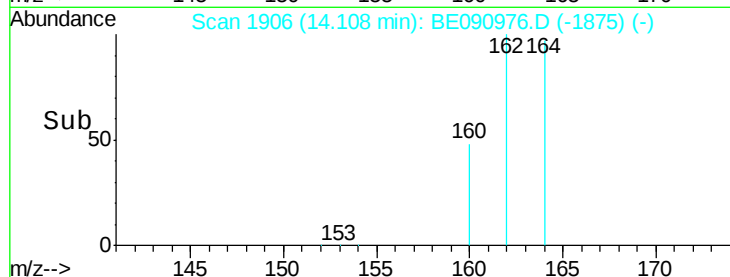
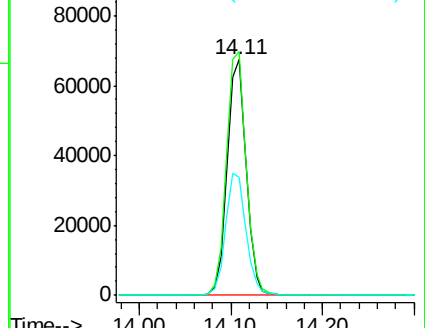
160 49.9 46.2 69.2



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: 5.93 ng

RT: 15.60 min Scan# 2045

Delta R.T. -0.04 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

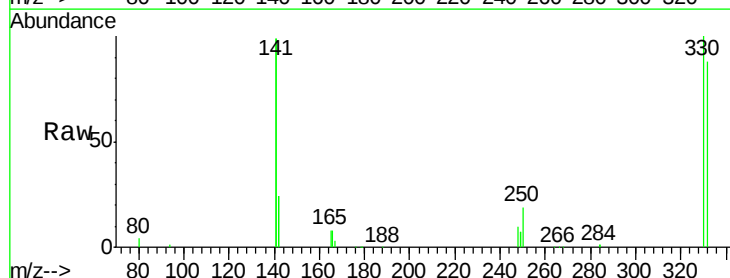
Tgt Ion:330 Resp: 34314

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

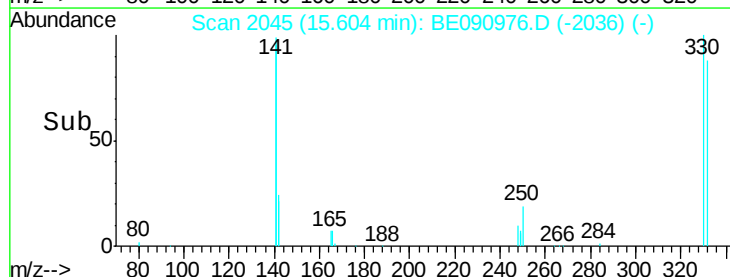
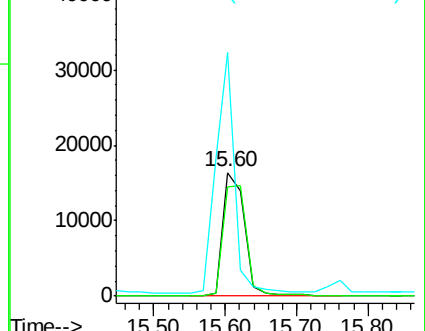
141 165.3 125.4 188.0

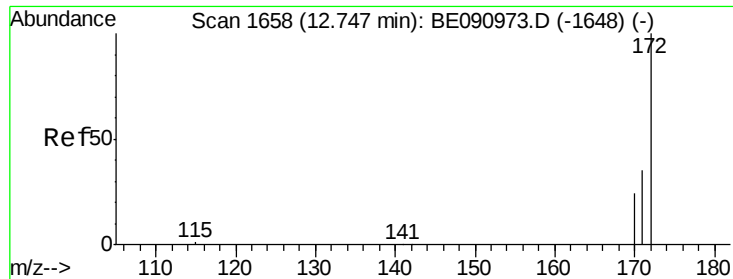


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

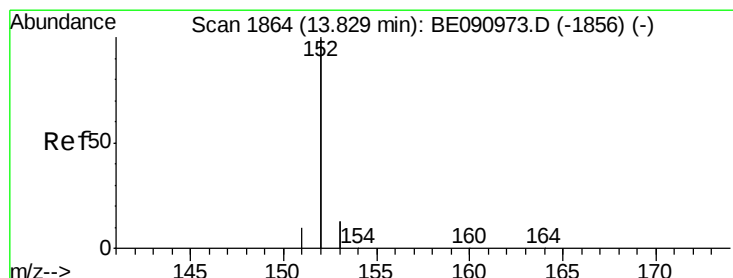
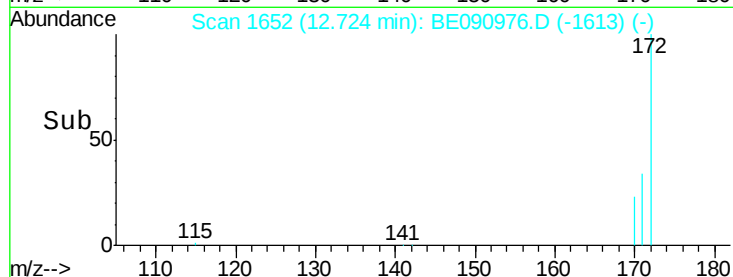
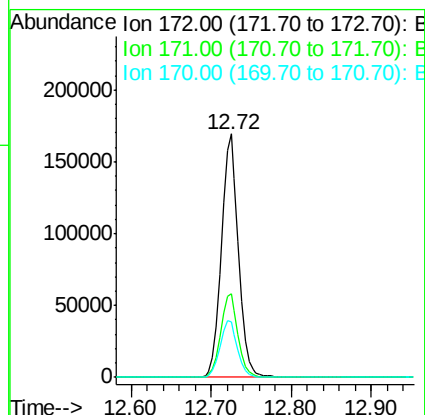
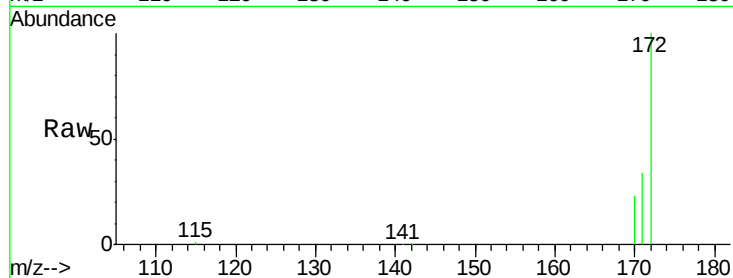




#15
2-Fluorobiphenyl
Concen: 4.05 ng
RT: 12.72 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BE090976.D
Acq: 28 Sep 2015 21:21

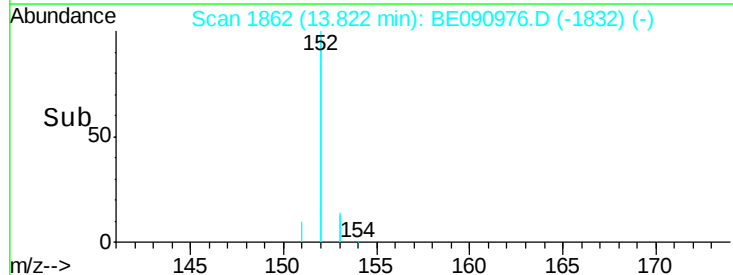
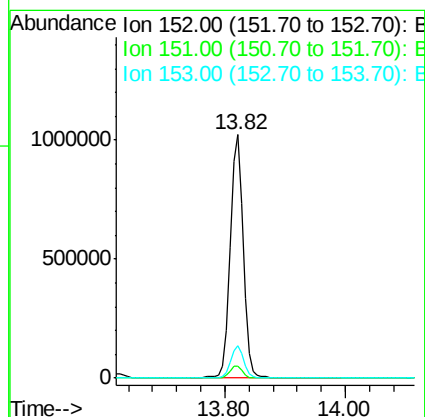
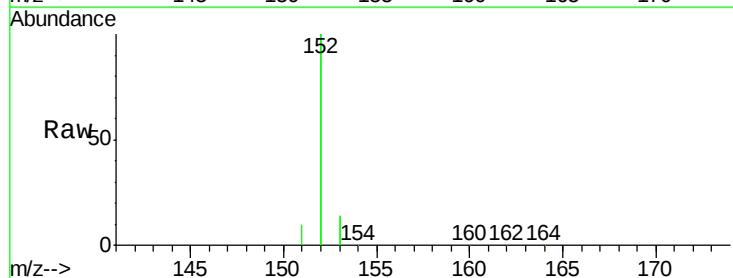
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

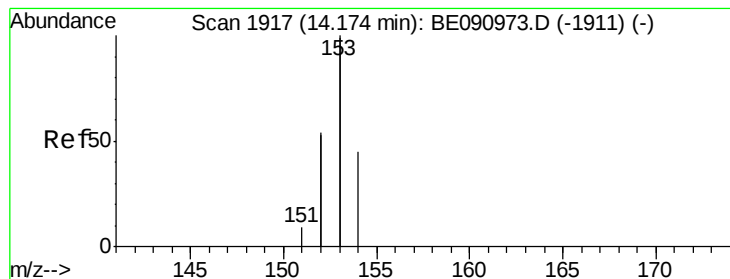
Tgt Ion:172 Resp: 249323
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.0 19.3 28.9



#16
Acenaphthylene
Concen: 4.20 ng
RT: 13.82 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BE090976.D
Acq: 28 Sep 2015 21:21

Tgt Ion:152 Resp: 1568235
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 3.80 ng

RT: 14.17 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

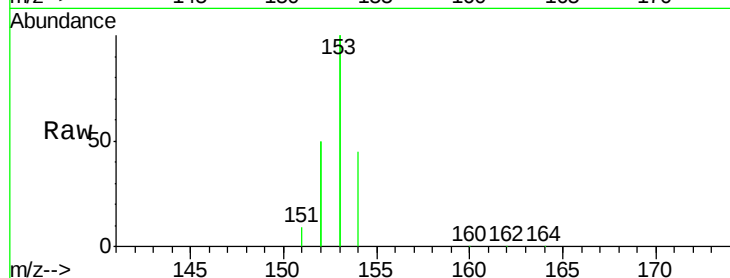
Tgt Ion:154 Resp: 232486

Ion Ratio Lower Upper

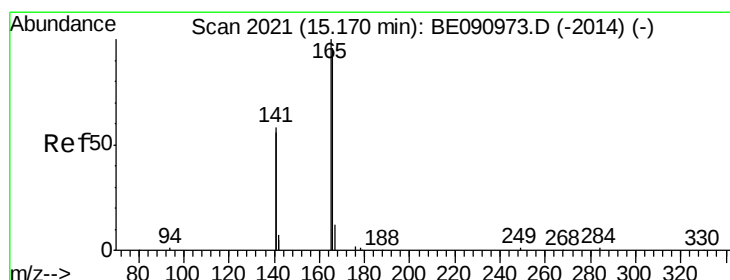
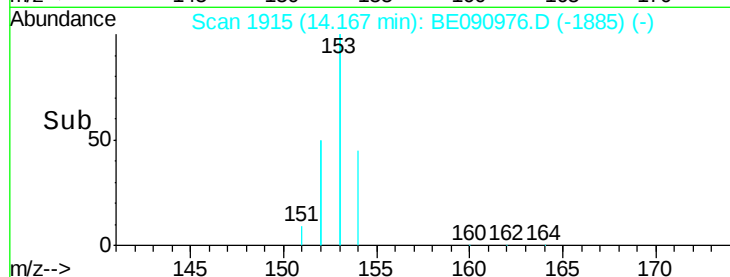
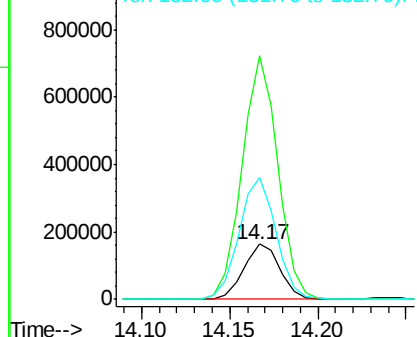
154 100

153 436.7 352.0 528.0

152 225.6 200.0 300.0



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: 3.87 ng

RT: 15.17 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

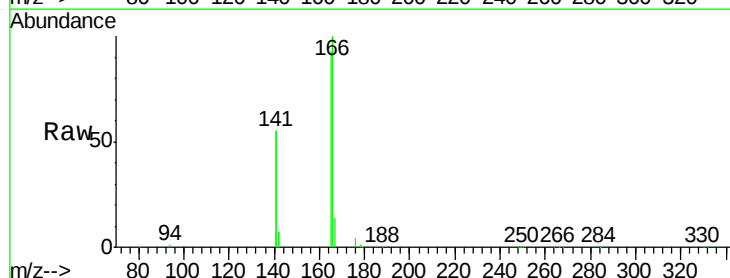
Tgt Ion:166 Resp: 290686

Ion Ratio Lower Upper

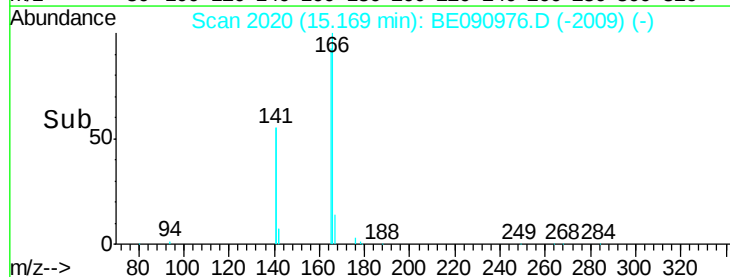
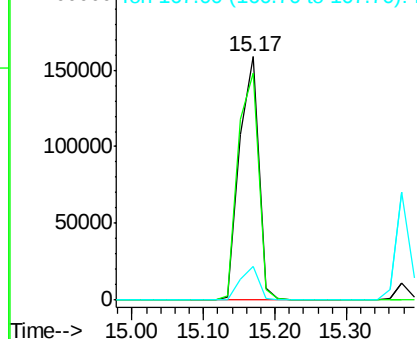
166 100

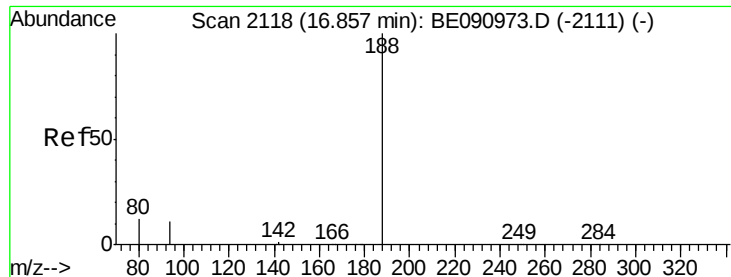
165 99.8 80.8 121.2

167 13.3 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: 16.86 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

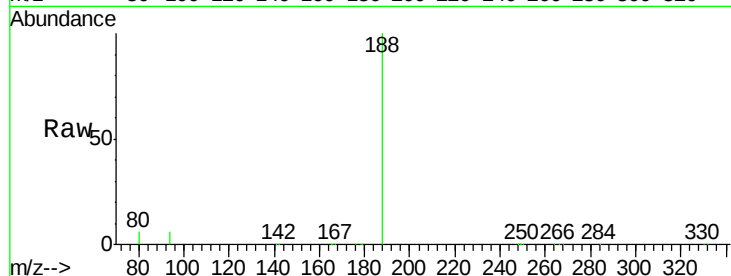
Tgt Ion:188 Resp: 224855

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

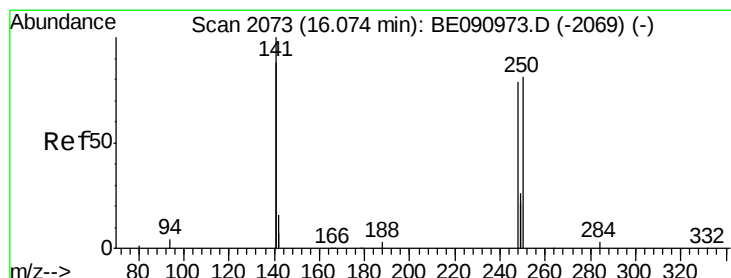
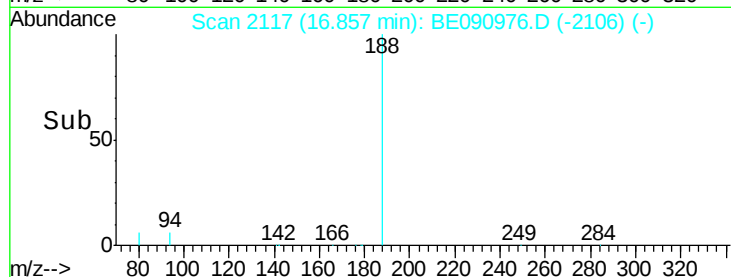
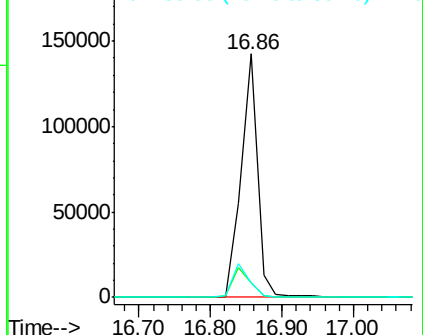
80 6.2 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 16.06 min Scan# 2071

Delta R.T. -0.02 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

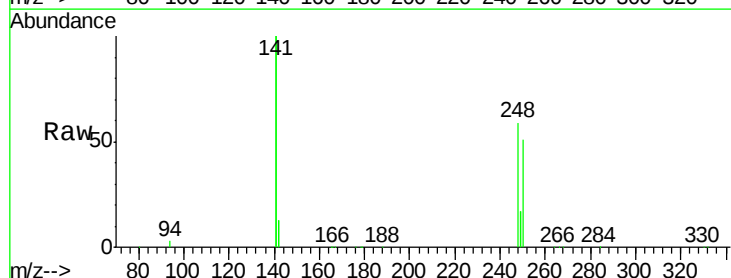
Tgt Ion:248 Resp: 81011

Ion Ratio Lower Upper

248 100

250 96.1 80.5 120.7

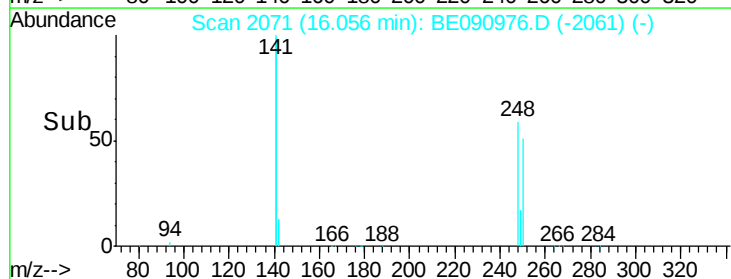
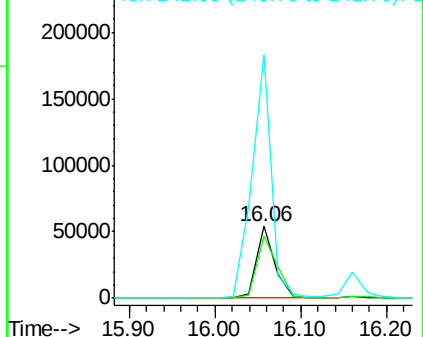
141 350.8 261.9 392.9

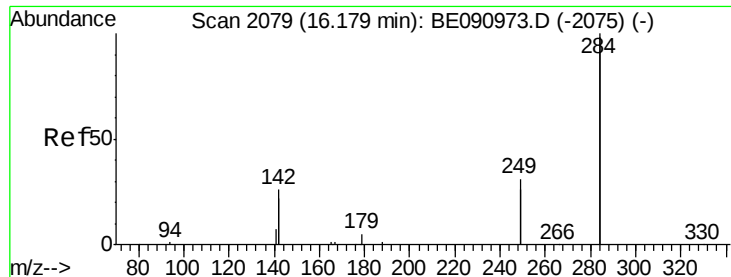


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.51 ng

RT: 16.18 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

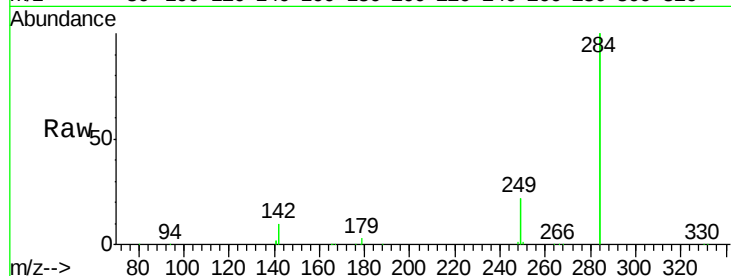
Tgt Ion:284 Resp: 369680

Ion Ratio Lower Upper

284 100

142 41.2 32.2 48.2

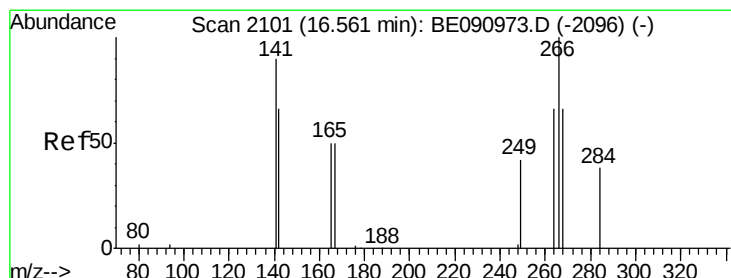
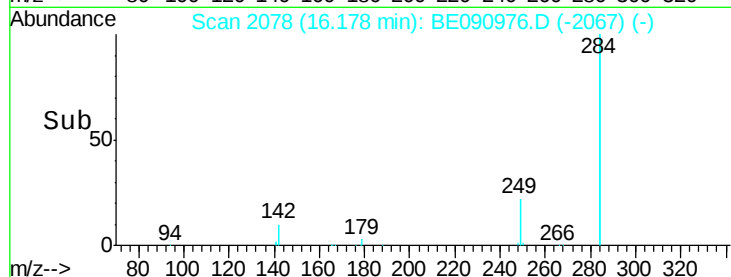
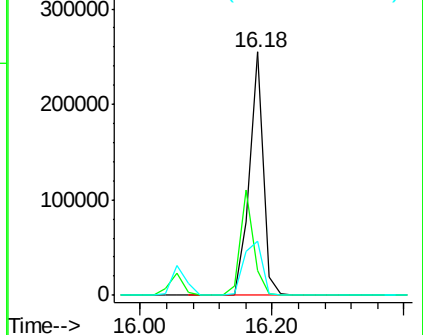
249 30.2 25.4 38.2



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: 7.43 ng

RT: 16.53 min Scan# 2098

Delta R.T. -0.04 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

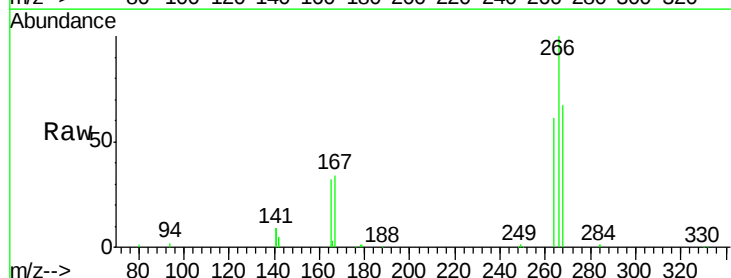
Tgt Ion:266 Resp: 40335

Ion Ratio Lower Upper

266 100

268 66.7 58.2 87.2

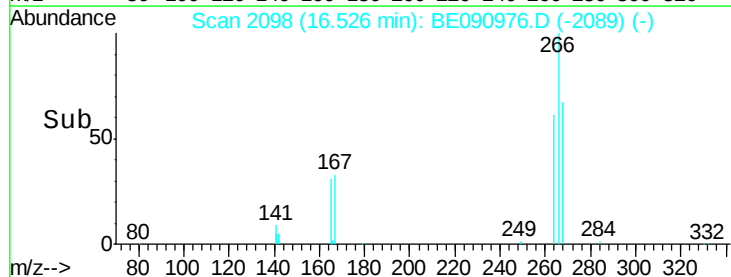
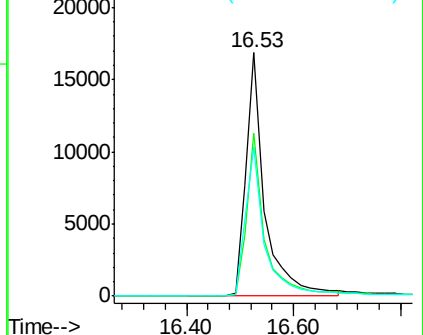
264 61.0 56.2 84.4

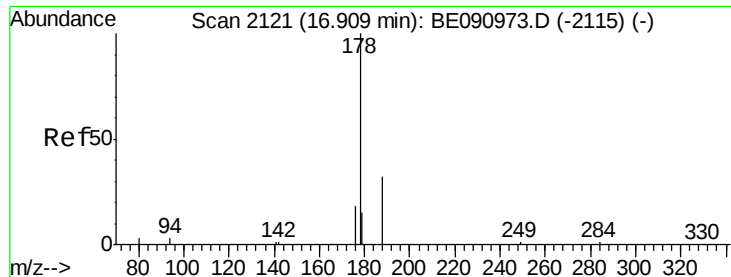


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.82 ng

RT: 16.89 min Scan# 2119

Delta R.T. -0.02 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

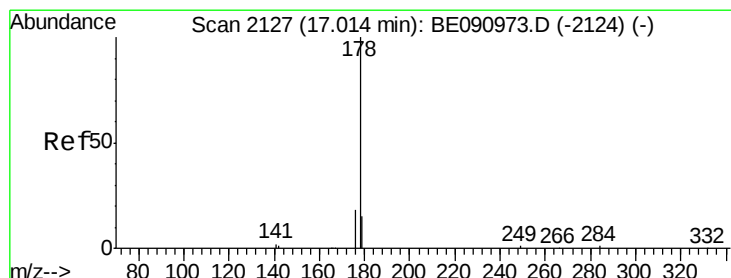
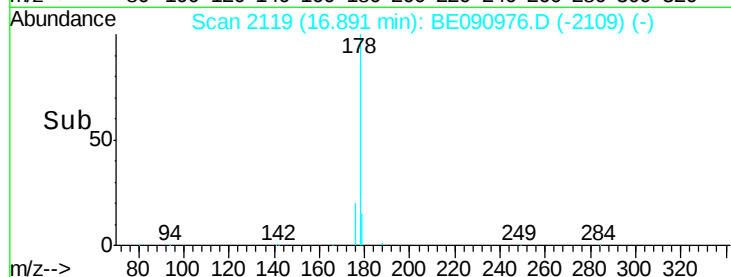
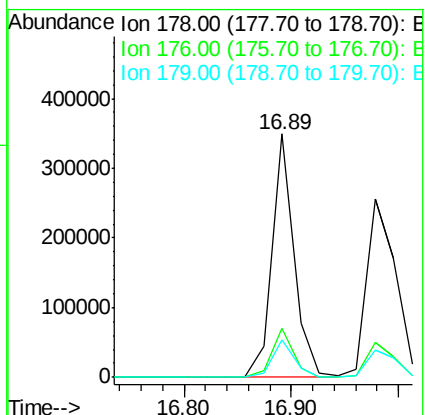
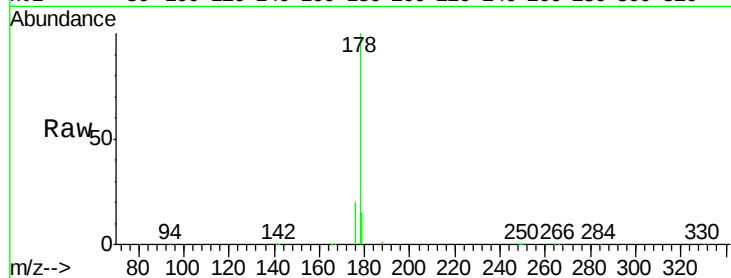
Tgt Ion:178 Resp: 499488

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 15.4 12.6 18.8



#24

Anthracene

Concen: 4.59 ng

RT: 16.98 min Scan# 2124

Delta R.T. -0.04 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

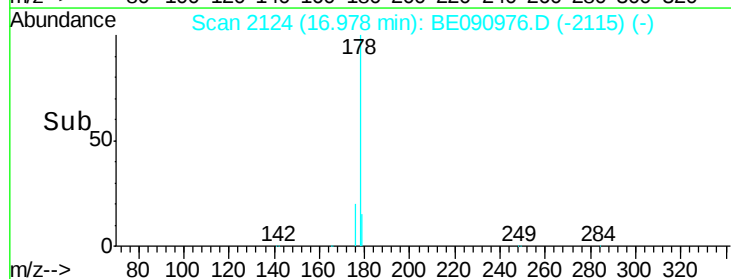
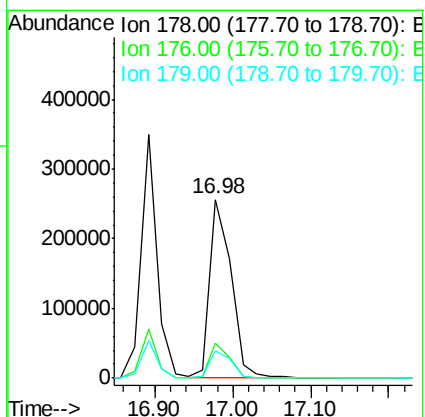
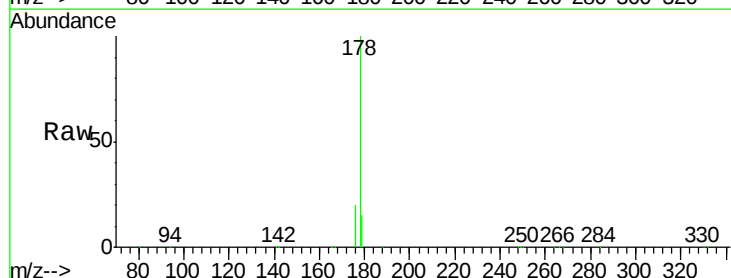
Tgt Ion:178 Resp: 487223

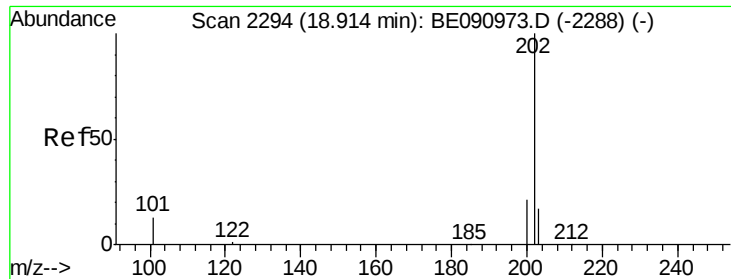
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.4 11.8 17.6





#25

Fluoranthene

Concen: 4.17 ng

RT: 18.90 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

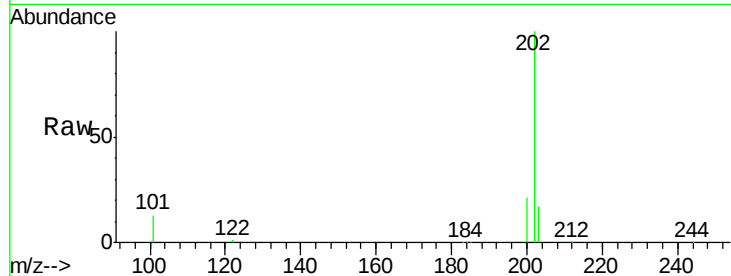
Tgt Ion:202 Resp: 576144

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

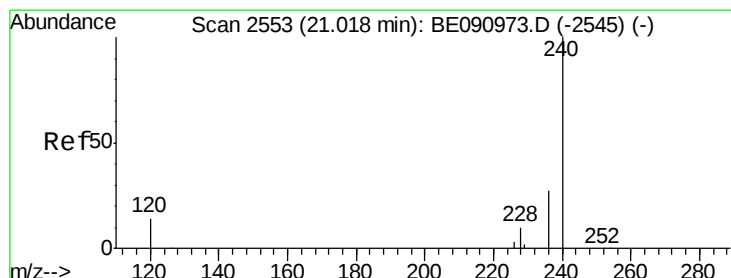
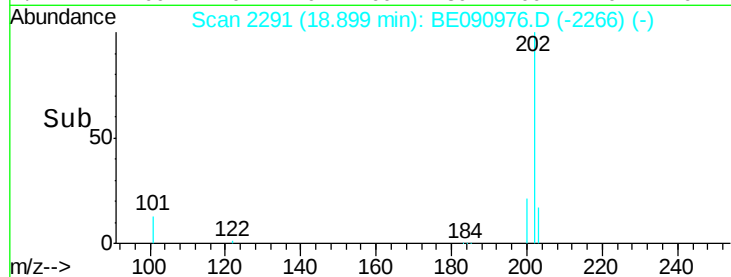
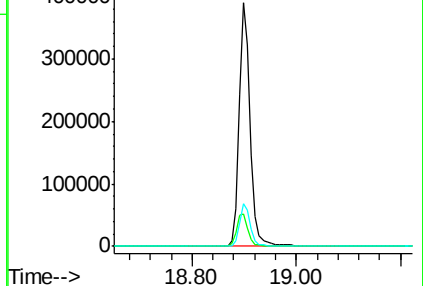
203 17.4 13.9 20.9



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: 21.02 min Scan# 2552

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

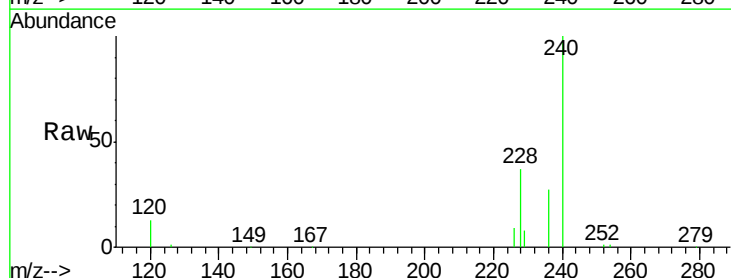
Tgt Ion:240 Resp: 265909

Ion Ratio Lower Upper

240 100

120 12.6 11.0 16.4

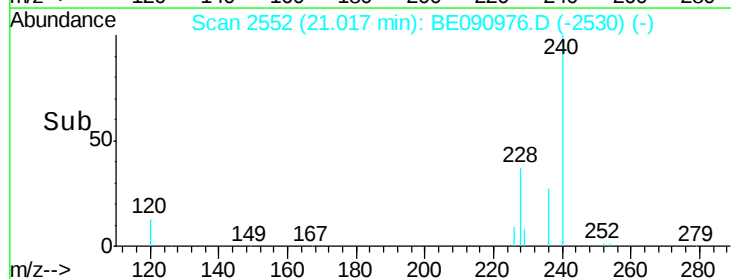
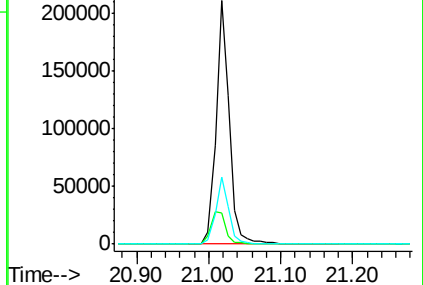
236 27.5 21.7 32.5

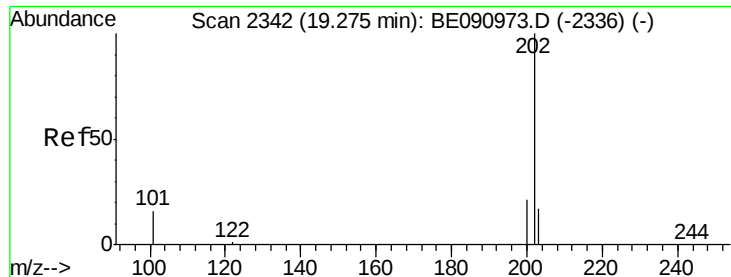


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

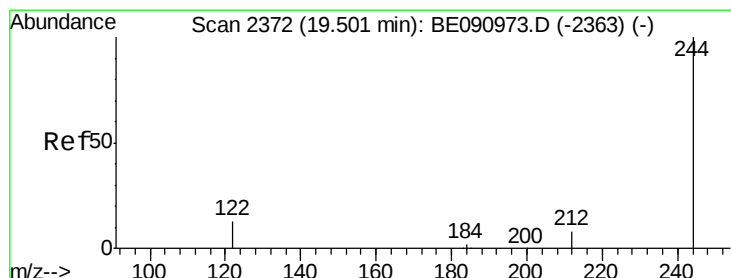
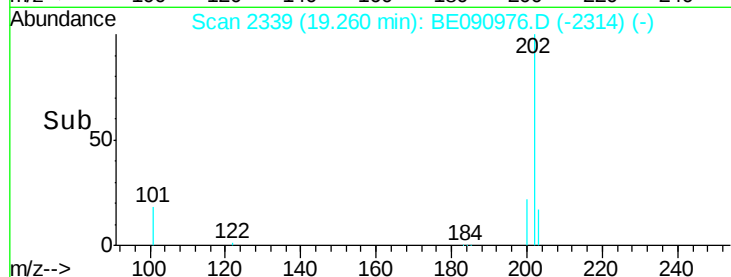
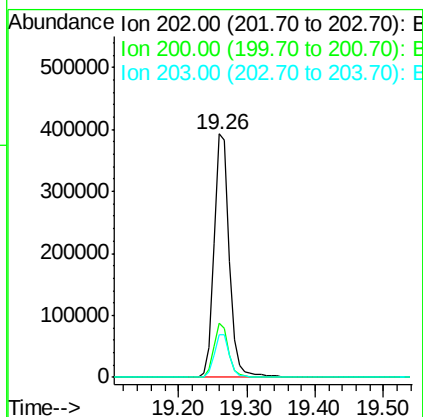
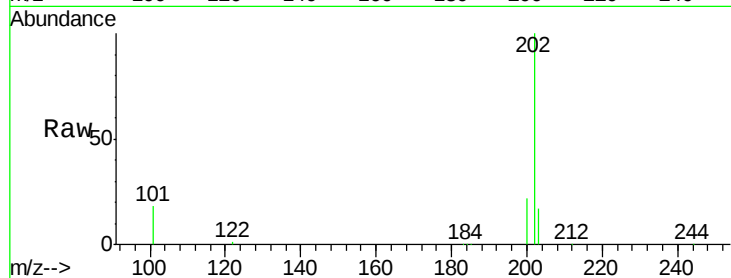




#28
 Pyrene
 Concen: 4.28 ng
 RT: 19.26 min Scan# 2339
 Delta R.T. -0.02 min
 Lab File: BE090976.D
 Acq: 28 Sep 2015 21:21

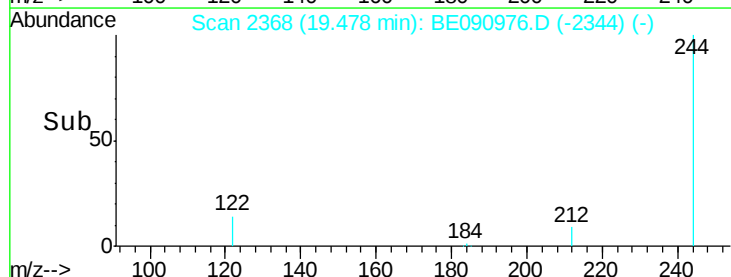
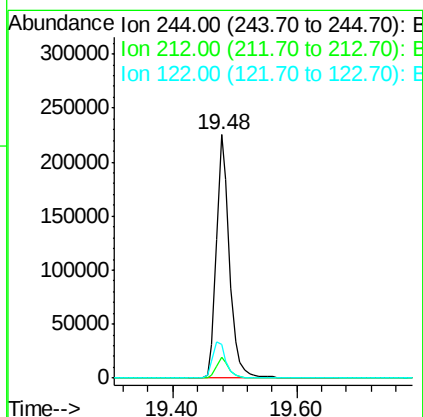
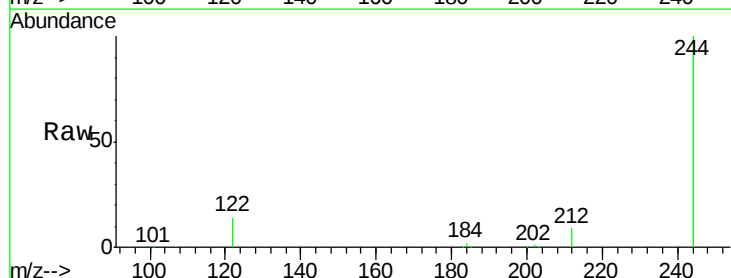
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

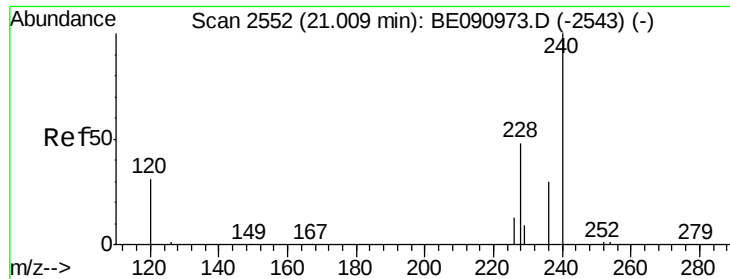
Tgt Ion: 202 Resp: 609620
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.8 25.2
 203 17.6 14.0 21.0



#29
 Terphenyl-d14
 Concen: 4.51 ng
 RT: 19.48 min Scan# 2368
 Delta R.T. -0.02 min
 Lab File: BE090976.D
 Acq: 28 Sep 2015 21:21

Tgt Ion: 244 Resp: 329020
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 13.9 11.0 16.4





#30

Benzo(a)anthracene

Concen: 4.17 ng

RT: 21.00 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

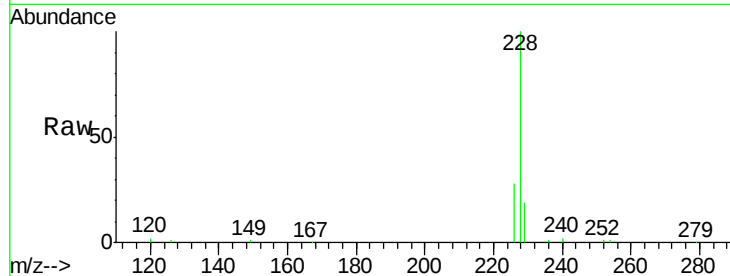
Tgt Ion:228 Resp: 589627

Ion Ratio Lower Upper

228 100

226 28.2 21.0 31.4

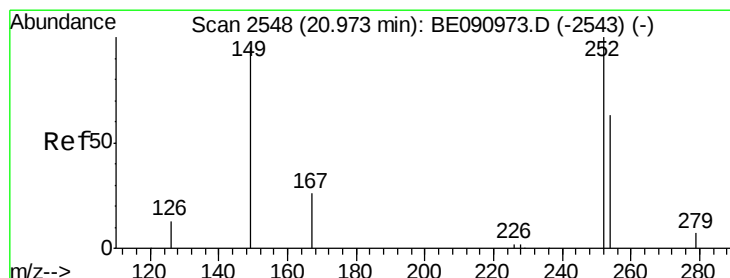
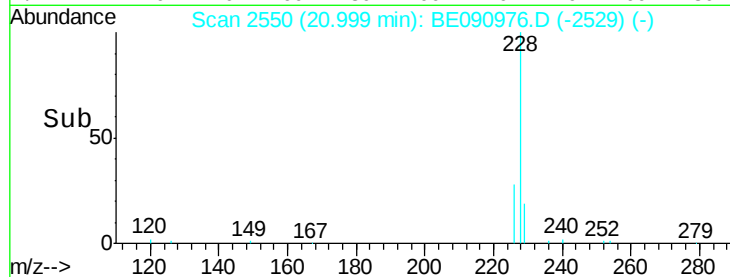
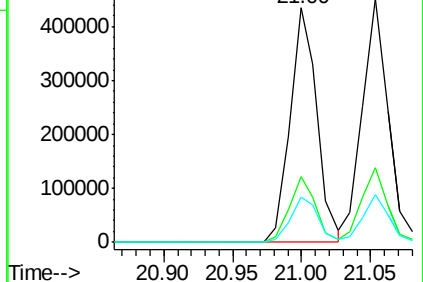
229 19.3 15.7 23.5



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: 7.84 ng

RT: 20.95 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

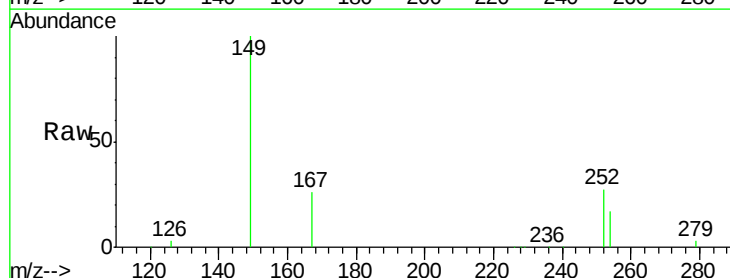
Tgt Ion:252 Resp: 153981

Ion Ratio Lower Upper

252 100

254 65.0 51.1 76.7

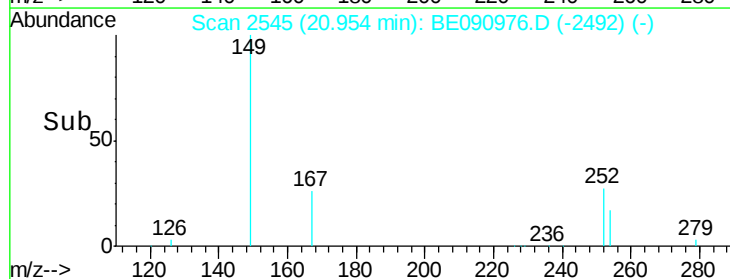
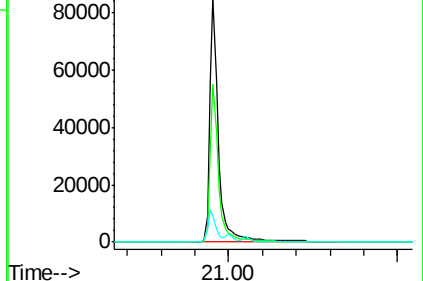
126 10.9 12.6 18.8#

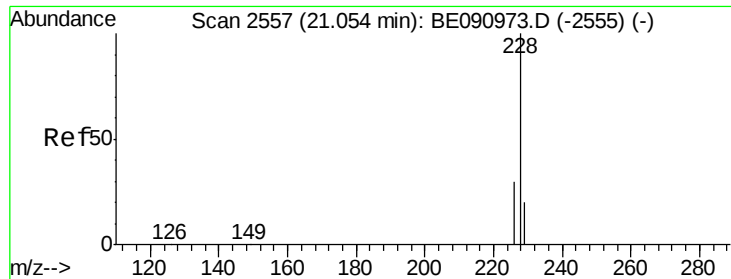


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 3.68 ng

RT: 21.05 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

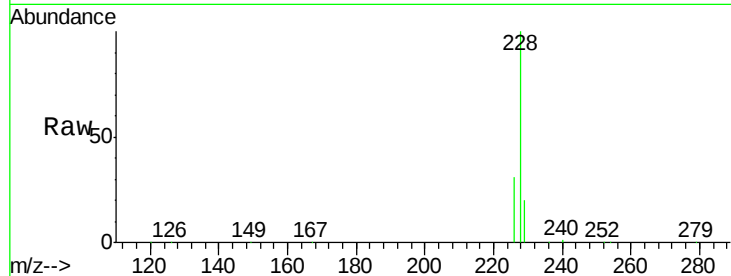
Tgt Ion:228 Resp: 603111

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

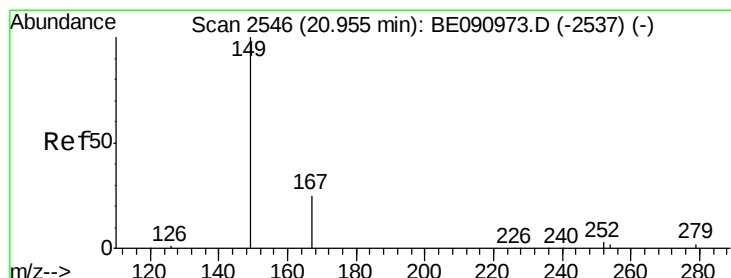
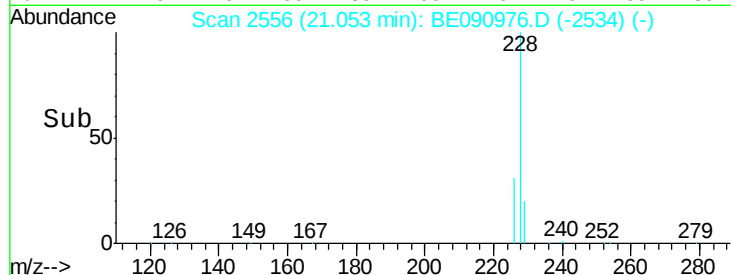
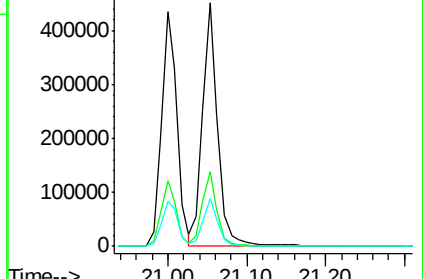
229 19.8 15.9 23.9



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: 8.61 ng

RT: 20.95 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

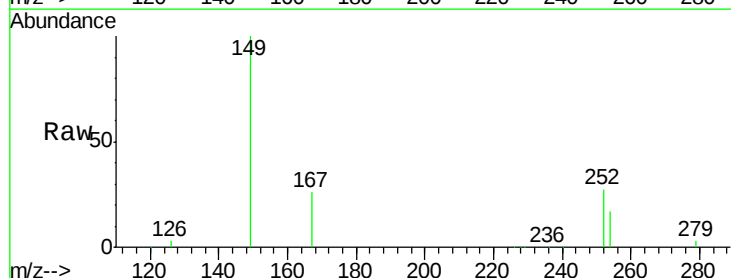
Tgt Ion:149 Resp: 343850

Ion Ratio Lower Upper

149 100

167 25.6 19.5 29.3

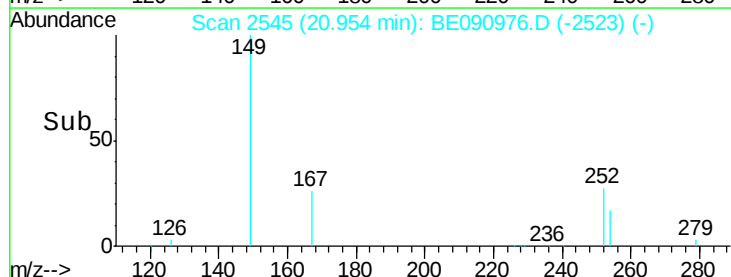
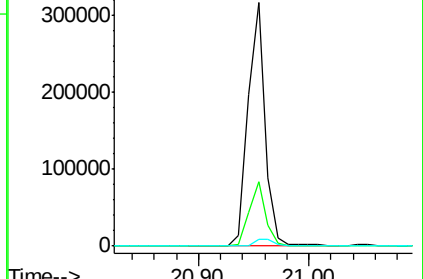
279 3.1 2.3 3.5

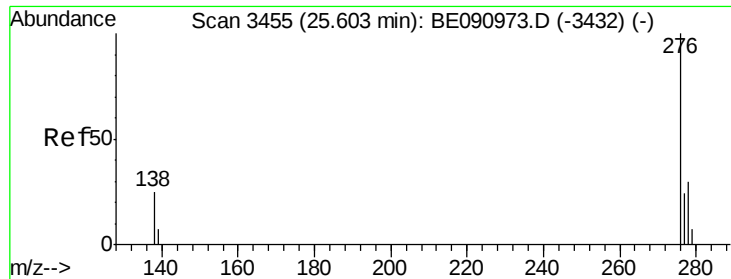


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 4.83 ng

RT: 25.59 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

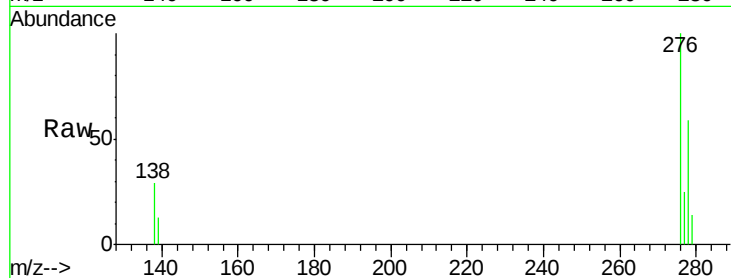
Tgt Ion:276 Resp: 678967

Ion Ratio Lower Upper

276 100

138 29.7 23.4 35.2

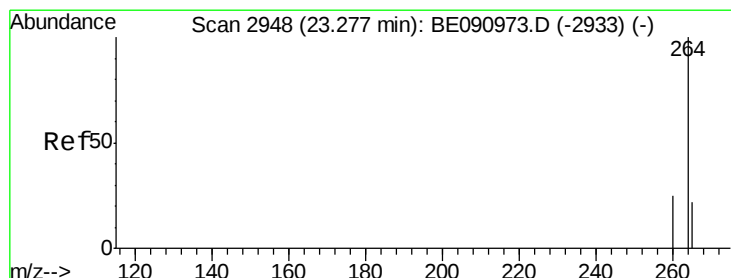
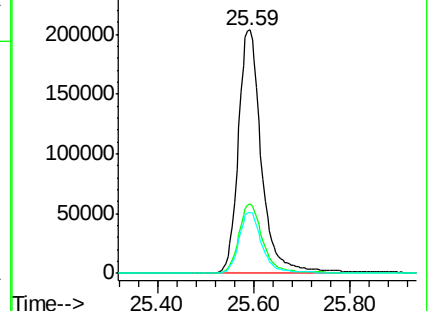
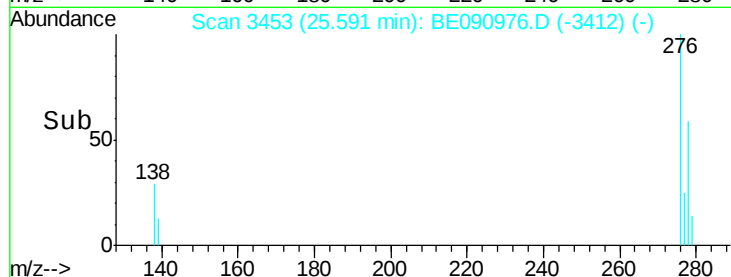
277 25.2 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.27 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

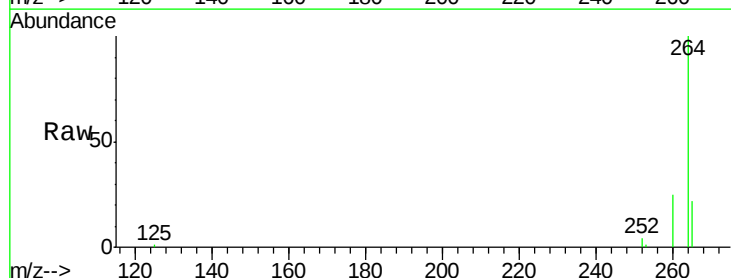
Tgt Ion:264 Resp: 235429

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

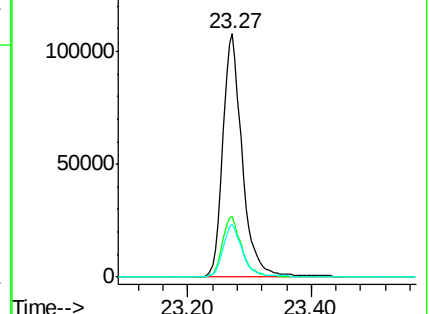
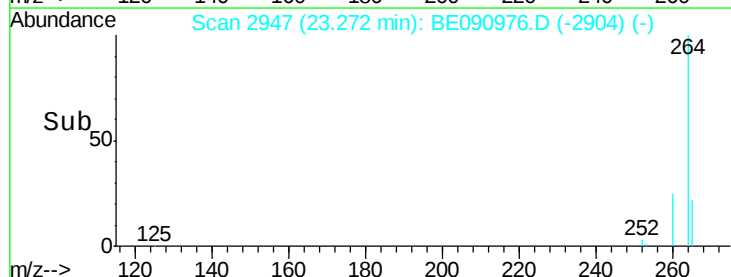
265 21.8 17.5 26.3

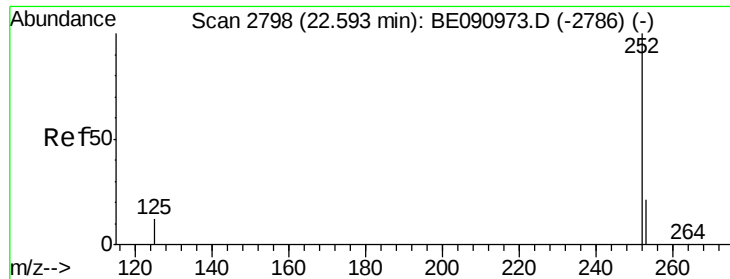


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#36

Benzo(b)fluoranthene

Concen: 4.71 ng

RT: 22.58 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

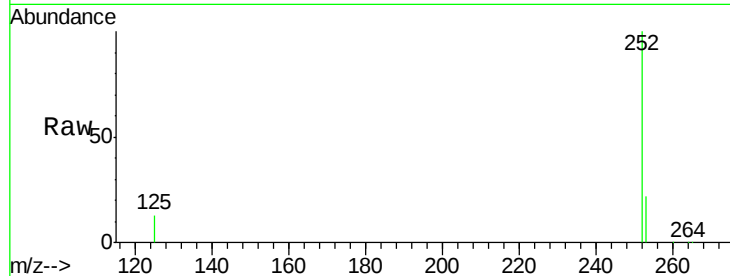
Tgt Ion:252 Resp: 548945

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

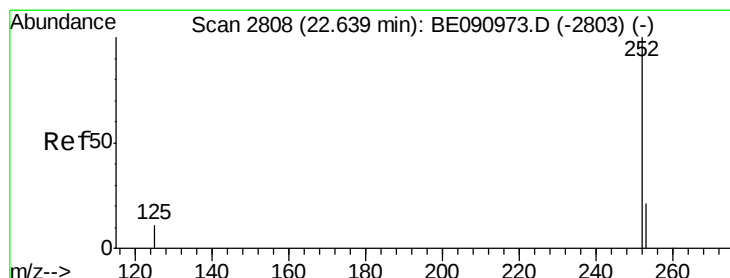
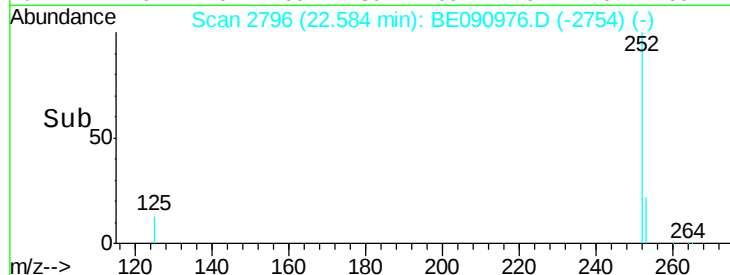
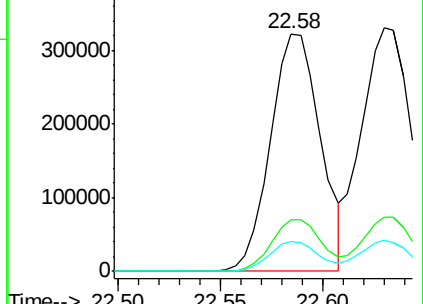
125 12.6 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(k)fluoranthene

Concen: 4.17 ng

RT: 22.63 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

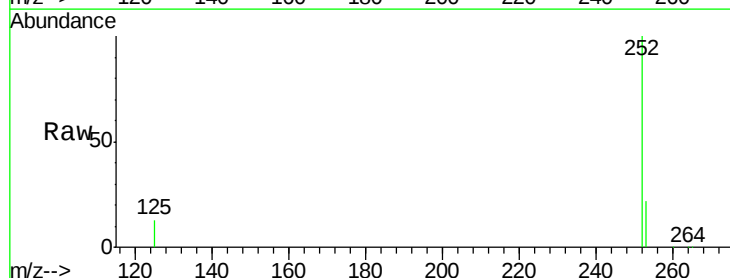
Tgt Ion:252 Resp: 612058

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

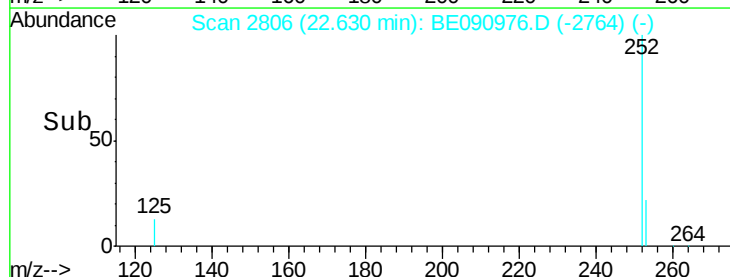
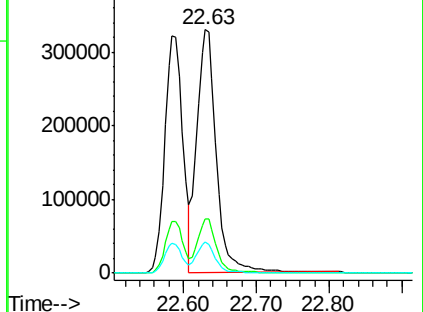
125 12.7 9.9 14.9

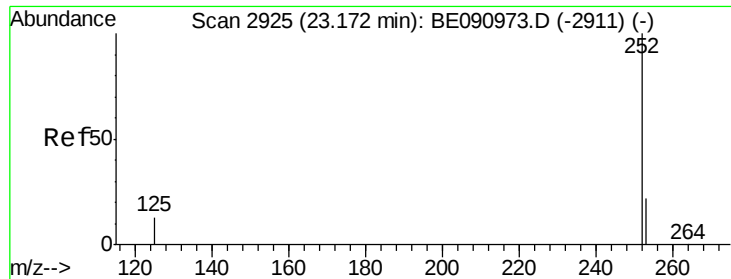


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 5.07 ng

RT: 23.17 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

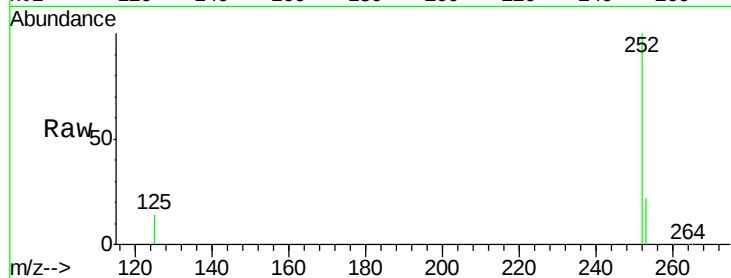
Tgt Ion:252 Resp: 527288

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

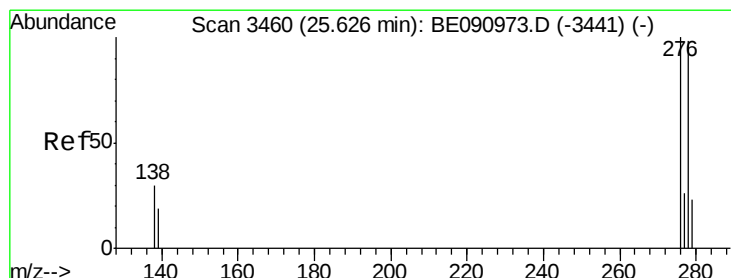
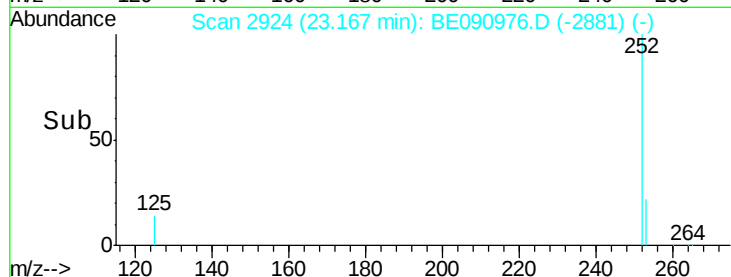
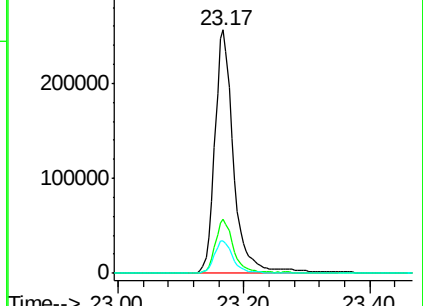
125 13.6 11.0 16.4



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: 5.42 ng

RT: 25.61 min Scan# 3456

Delta R.T. -0.02 min

Lab File: BE090976.D

Acq: 28 Sep 2015 21:21

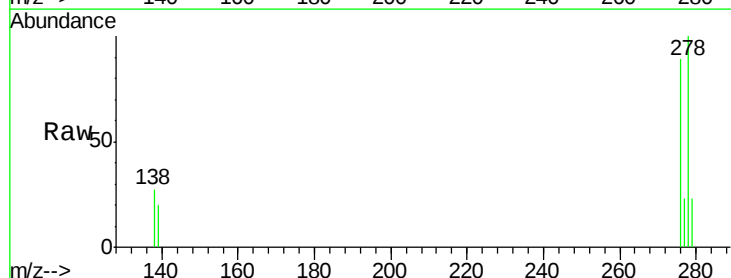
Tgt Ion:278 Resp: 554792

Ion Ratio Lower Upper

278 100

139 19.7 16.0 24.0

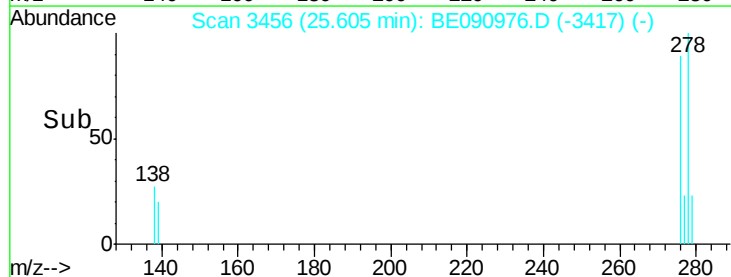
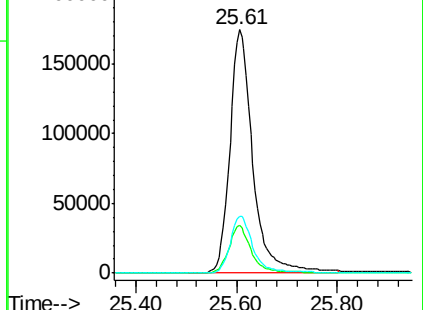
279 23.2 19.4 29.2

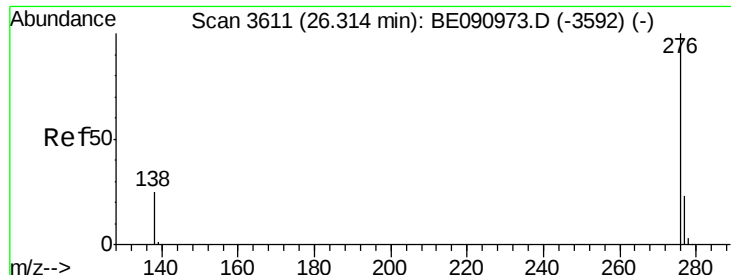


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.82 ng

RT: 26.30 min Scan# 3609

Delta R.T. -0.01 min

Lab File: BE090976.D

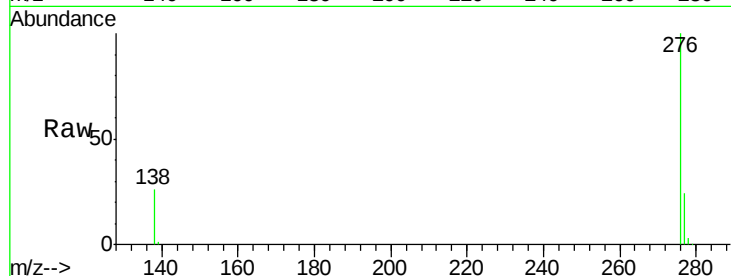
Acq: 28 Sep 2015 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC010



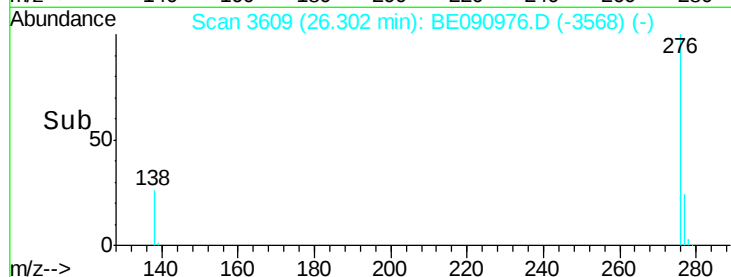
Tgt Ion: 276 Resp: 546830

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 25.6 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

