

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092815\
 Data File : BE090975.D
 Acq On : 28 Sep 2015 20:46
 Operator : UM/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 29 05:38:27 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	33488	5.00	ng	0.00
7) Naphthalene-d8	10.23	136	150047	5.00	ng	-0.01
13) Acenaphthene-d10	14.11	164	83057	5.00	ng	0.00
19) Phenanthrene-d10	16.86	188	192719	5.00	ng	0.00
26) Chrysene-d12	21.02	240	239761	5.00	ng	0.00
35) Perylene-d12	23.27	264	203064	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	32185	2.55	ng	0.00
5) Phenol-d6	6.68	99	47210	2.57	ng	-0.04
8) Nitrobenzene-d5	8.63	82	48888	2.52	ng	-0.03
14) 2,4,6-Tribromophenol	15.62	330	13840	2.80	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	111214	2.12	ng	-0.02
29) Terphenyl-d14	19.49	244	149558	2.27	ng	-0.01

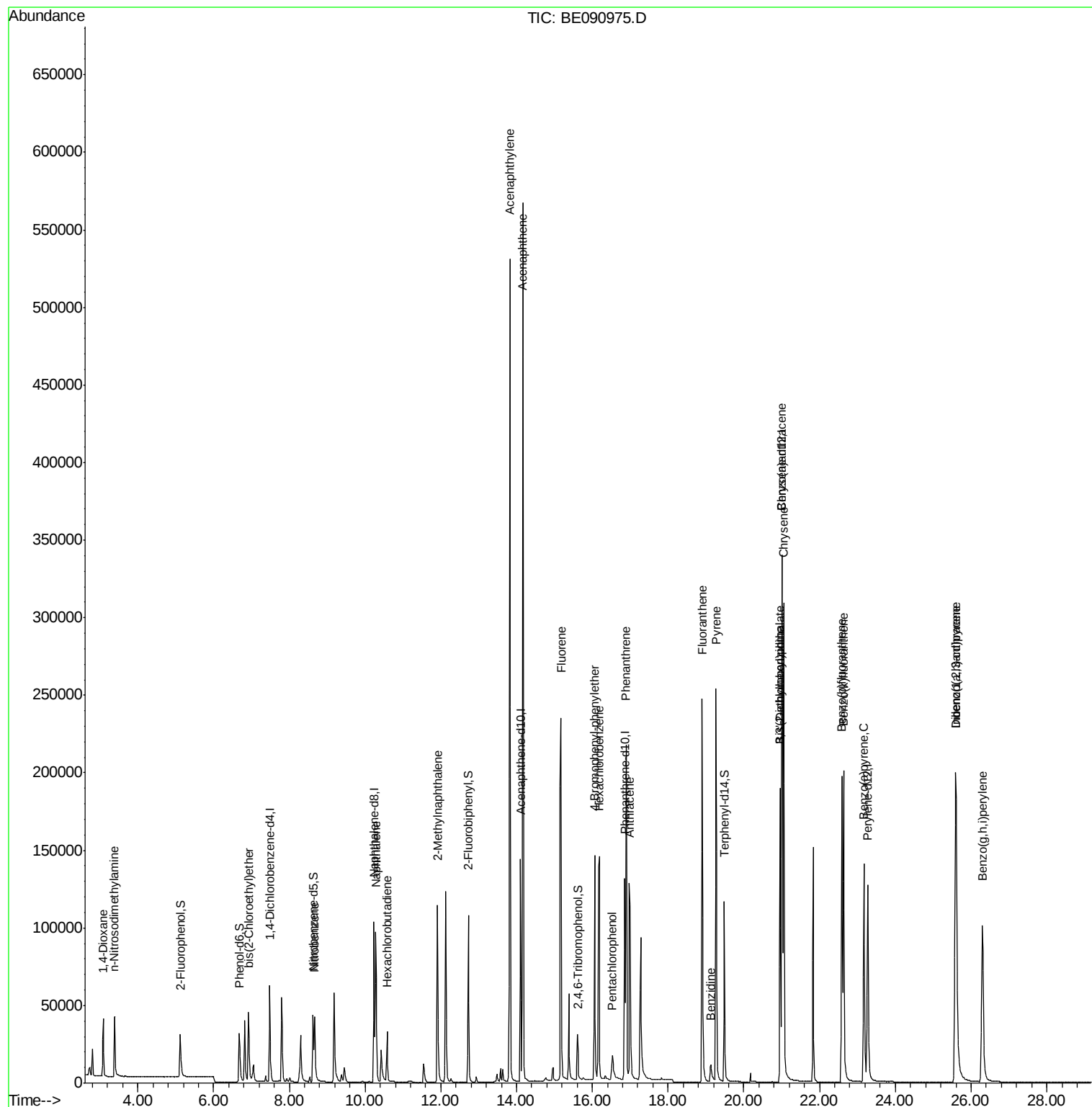
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	22466	1.79	ng	98
3) n-Nitrosodimethylamine	3.38	42	26145	1.99	ng	93
6) bis(2-Chloroethyl)ether	6.92	93	44938	2.33	ng	# 83
9) Nitrobenzene	8.67	77	56380	2.87	ng	99
10) Naphthalene	10.29	128	149323	1.92	ng	99
11) Hexachlorobutadiene	10.58	225	24101	1.78	ng	98
12) 2-Methylnaphthalene	11.91	142	97135	2.14	ng	99
16) Acenaphthylene	13.82	152	688204	2.16	ng	100
17) Acenaphthene	14.17	154	104144	1.99	ng	96
18) Fluorene	15.17	166	133250	2.08	ng	98
20) 4-Bromophenyl-phenylether	16.06	248	35555	2.09	ng	90
21) Hexachlorobenzene	16.18	284	170787	1.89	ng	98
22) Pentachlorophenol	16.53	266	14030	3.01	ng	92
23) Phenanthrene	16.89	178	234592	2.10	ng	99
24) Anthracene	16.98	178	214641	2.36	ng	99
25) Fluoranthene	18.90	202	264079	2.23	ng	100
27) Benzidine	19.13	184	35107	3.97	ng	# 79
28) Pyrene	19.27	202	278170	2.17	ng	99
30) Benzo(a)anthracene	21.00	228	272280	2.13	ng	98
31) 3,3'-Dichlorobenzidine	20.96	252	54929	3.10	ng	# 97
32) Chrysene	21.05	228	289322	1.96	ng	100
33) Bis(2-ethylhexyl)phthalate	20.95	149	123806	3.44	ng	97
34) Indeno(1,2,3-cd)pyrene	25.59	276	297552	2.35	ng	100
36) Benzo(b)fluoranthene	22.58	252	239602	2.38	ng	100
37) Benzo(k)fluoranthene	22.63	252	285561	2.25	ng	99
38) Benzo(a)pyrene	23.17	252	222082	2.47	ng	99
39) Dibenzo(a,h)anthracene	25.61	278	236746	2.68	ng	98
40) Benzo(g,h,i)perylene	26.30	276	234311	2.40	ng	99

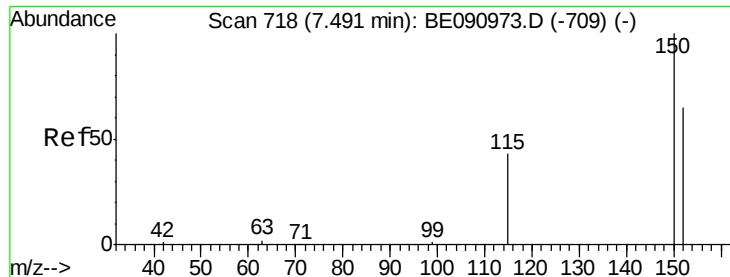
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092815\
Data File : BE090975.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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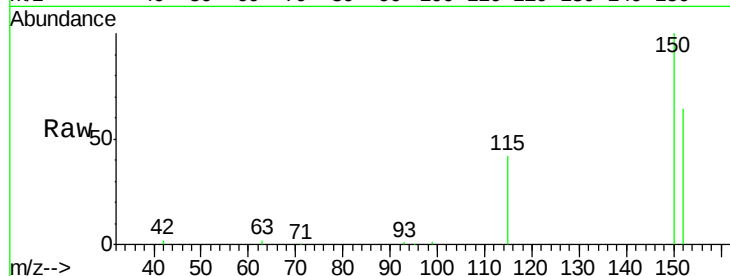




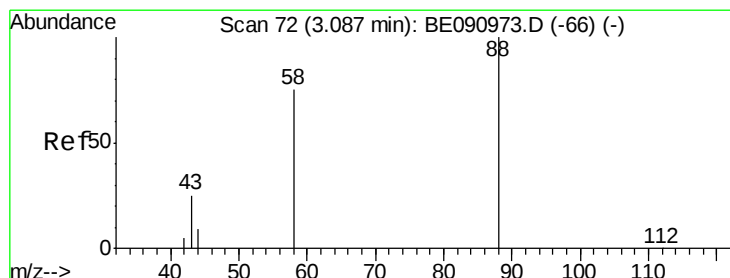
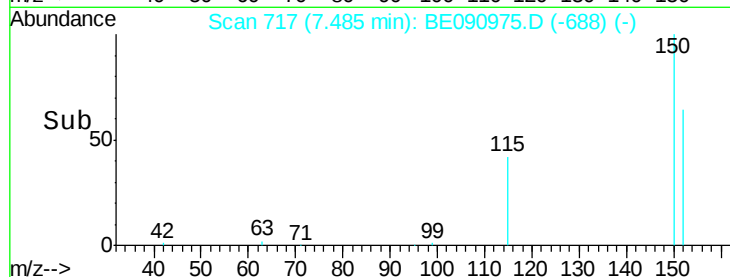
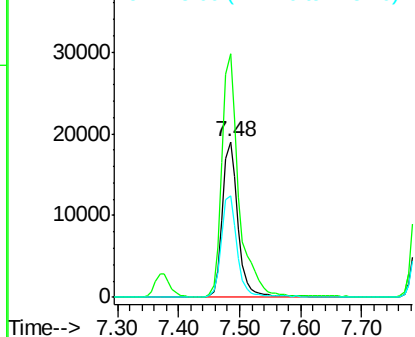
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.48 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BE090975.D
 Acq: 28 Sep 2015 20:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Tgt Ion: 152 Resp: 33488
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.6 183.8
 115 65.4 52.8 79.2

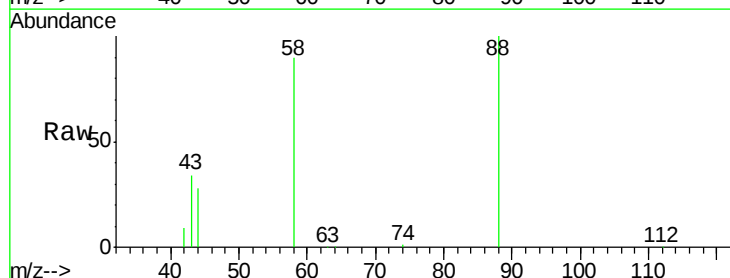


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

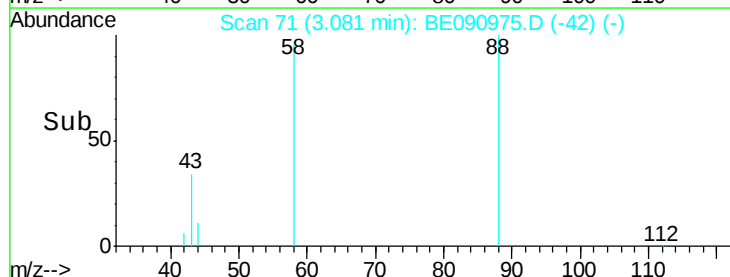
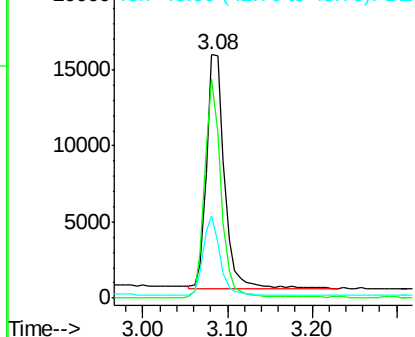


#2
 1,4-Dioxane
 Concen: 1.79 ng
 RT: 3.08 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE090975.D
 Acq: 28 Sep 2015 20:46

Tgt Ion: 88 Resp: 22466
 Ion Ratio Lower Upper
 88 100
 58 84.5 65.8 98.6
 43 30.5 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



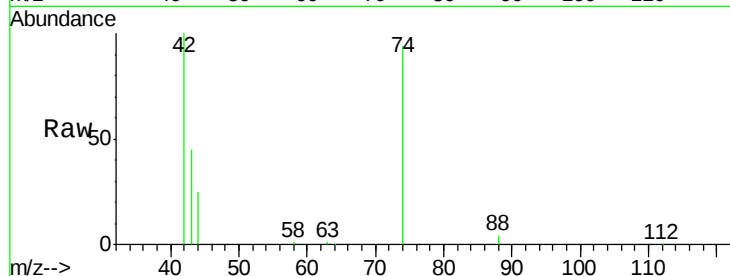


#3

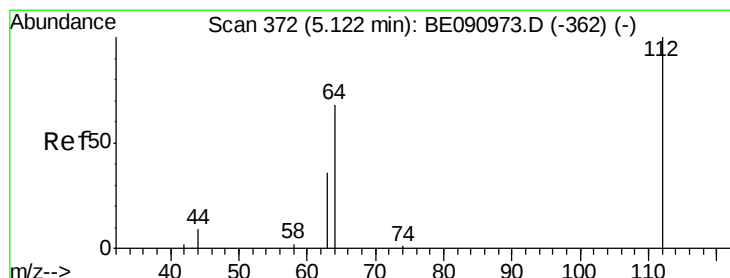
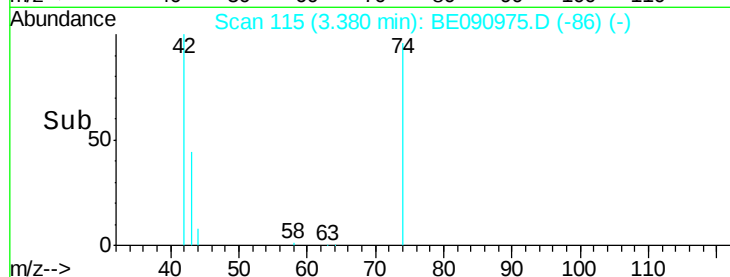
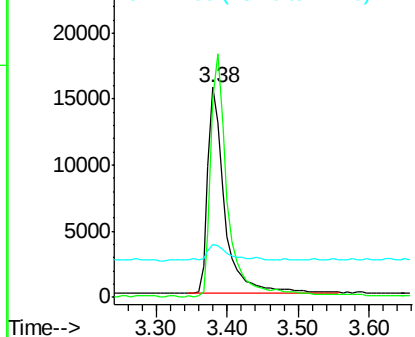
n-Nitrosodimethylamine
 Concen: 1.99 ng
 RT: 3.38 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BE090975.D
 Acq: 28 Sep 2015 20:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Tgt Ion: 42 Resp: 26145
 Ion Ratio Lower Upper
 42 100
 74 117.4 87.9 131.9
 44 9.6 6.6 9.8



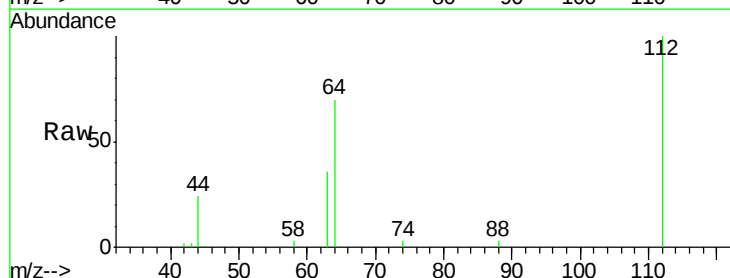
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



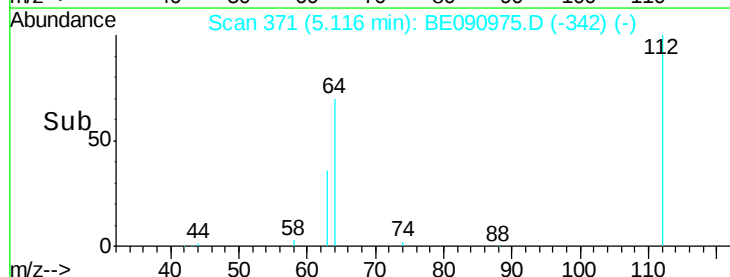
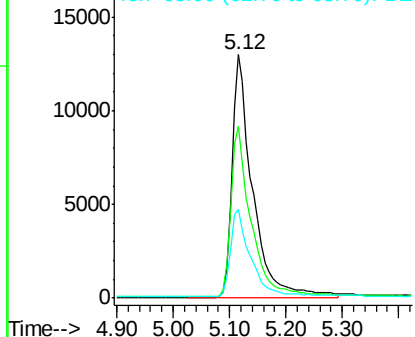
#4

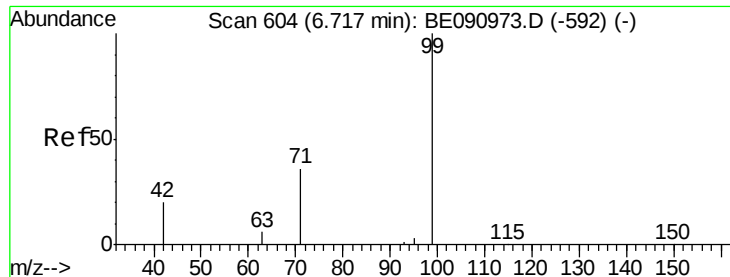
2-Fluorophenol
 Concen: 2.55 ng
 RT: 5.12 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BE090975.D
 Acq: 28 Sep 2015 20:46

Tgt Ion: 112 Resp: 32185
 Ion Ratio Lower Upper
 112 100
 64 70.0 30.9 46.3#
 63 36.2 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: 2.57 ng

RT: 6.68 min Scan# 598

Delta R.T. -0.04 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

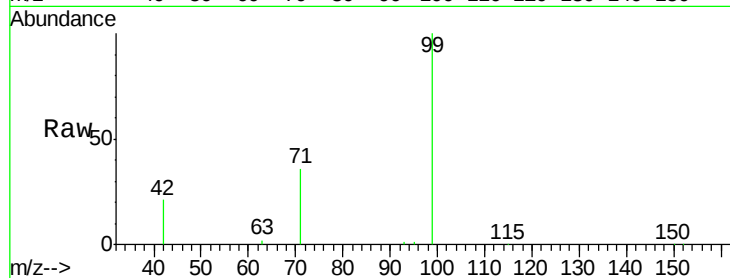
Tgt Ion: 99 Resp: 47210

Ion Ratio Lower Upper

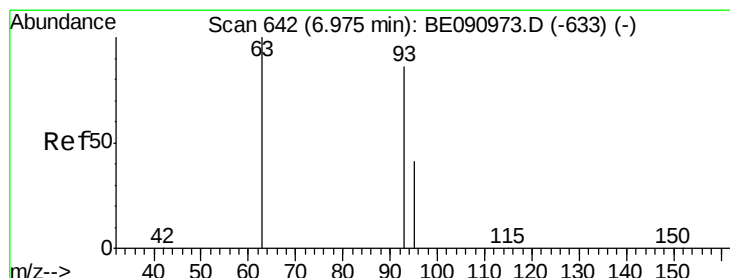
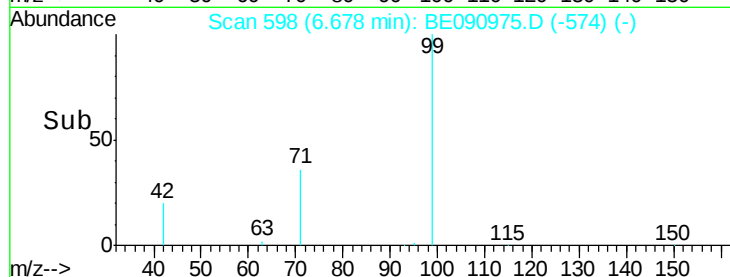
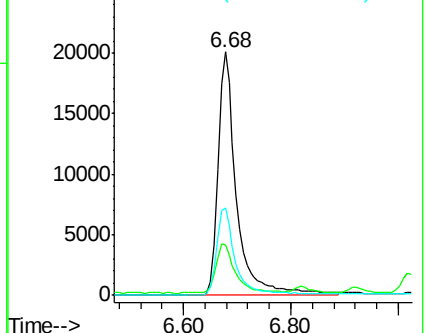
99 100

42 21.0 16.2 24.2

71 36.3 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 2.33 ng

RT: 6.92 min Scan# 634

Delta R.T. -0.05 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

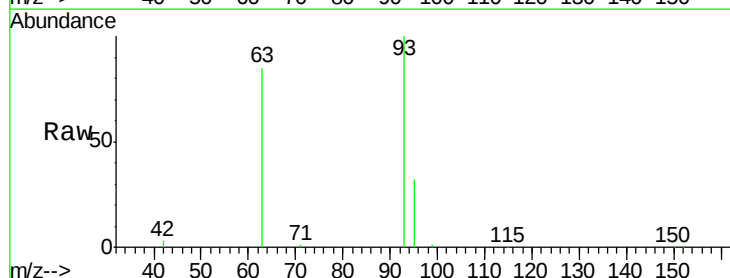
Tgt Ion: 93 Resp: 44938

Ion Ratio Lower Upper

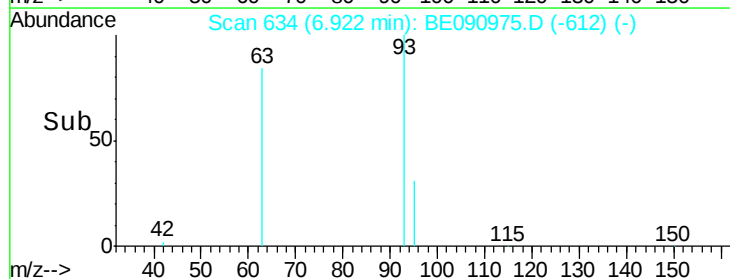
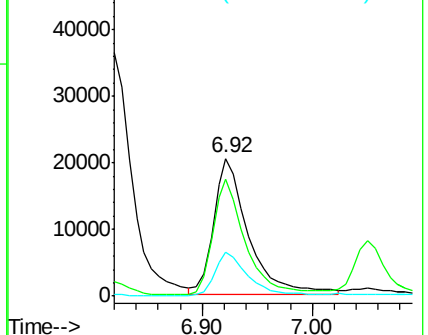
93 100

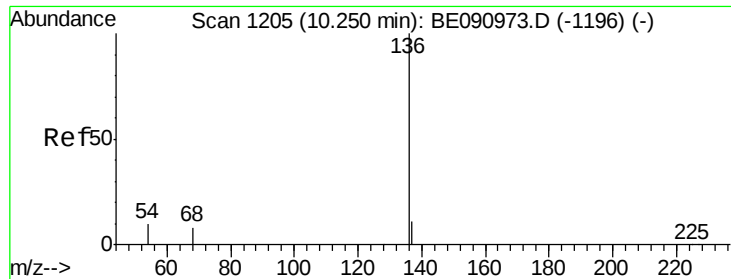
63 79.1 49.5 74.3#

95 30.2 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: 10.23 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

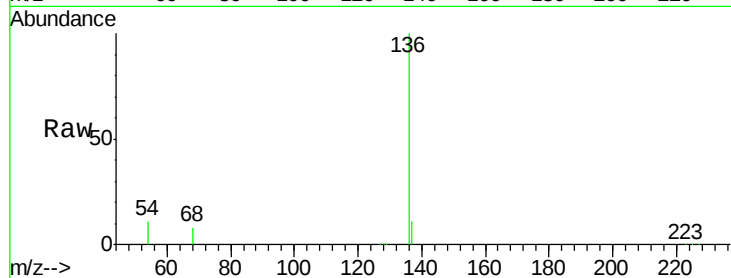
Instrument :

BNA_E

ClientSampleId :

SSTDIC005

Tgt Ion:	136	Resp:	150047
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.0	8.2	12.4
68	8.0	6.2	9.4



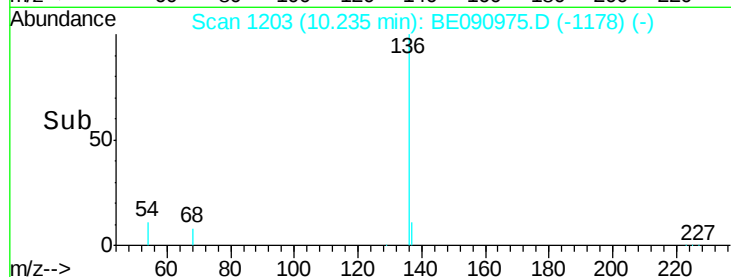
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

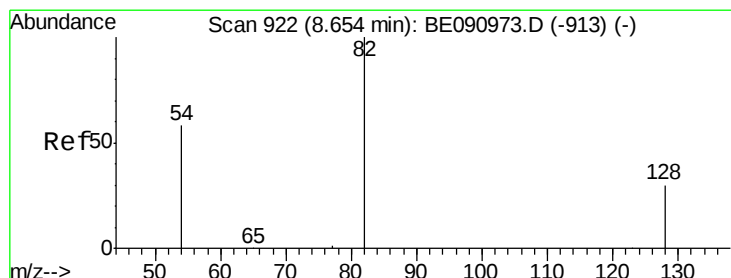
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 2.52 ng

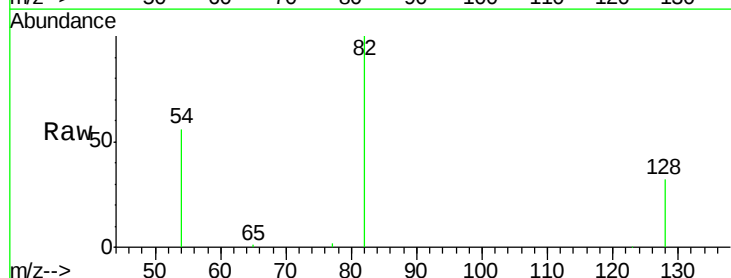
RT: 8.63 min Scan# 916

Delta R.T. -0.03 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Tgt Ion:	82	Resp:	48888
Ion	Ratio	Lower	Upper
82	100		
128	32.1	25.4	38.0
54	56.2	48.4	72.6

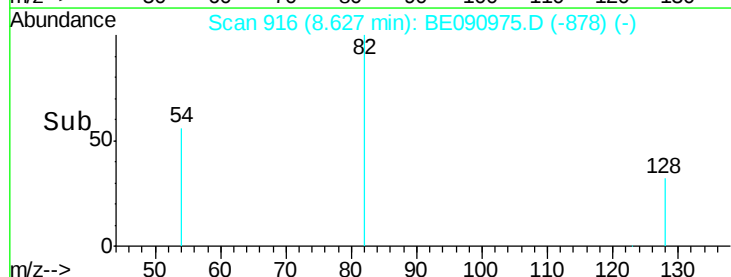


Abundance Ion 82.00 (81.70 to 82.70): BE0

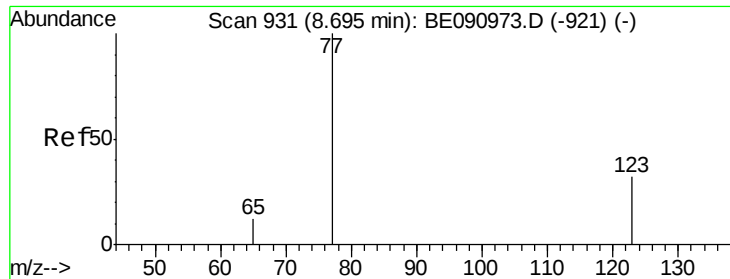
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Nitrobenzene

Concen: 2.87 ng

RT: 8.67 min Scan# 925

Delta R.T. -0.03 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

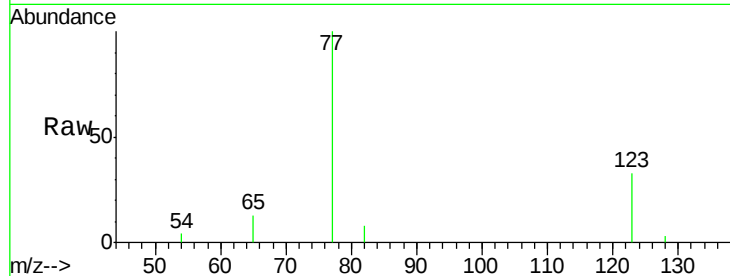
Tgt Ion: 77 Resp: 56380

Ion Ratio Lower Upper

77 100

123 34.1 26.9 40.3

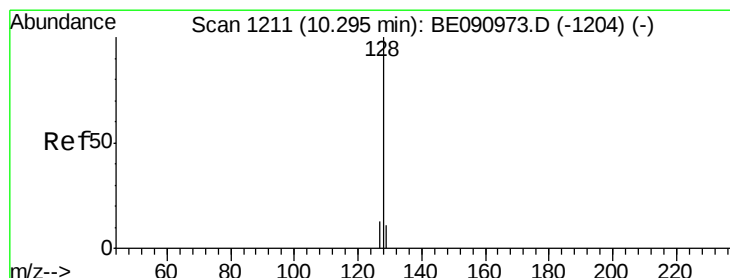
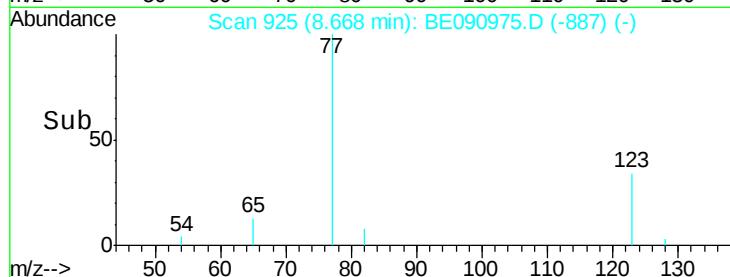
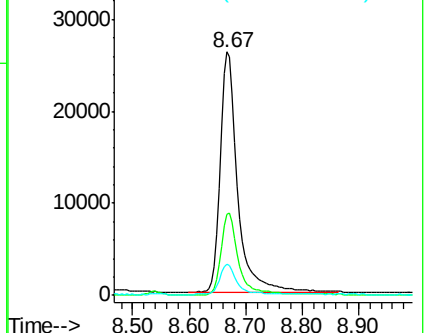
65 12.5 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE090973.D (-921) (-)

Ion 123.00 (122.70 to 123.70): BE090973.D (-921) (-)

Ion 65.00 (64.70 to 65.70): BE090973.D (-921) (-)



#10

Naphthalene

Concen: 1.92 ng

RT: 10.29 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

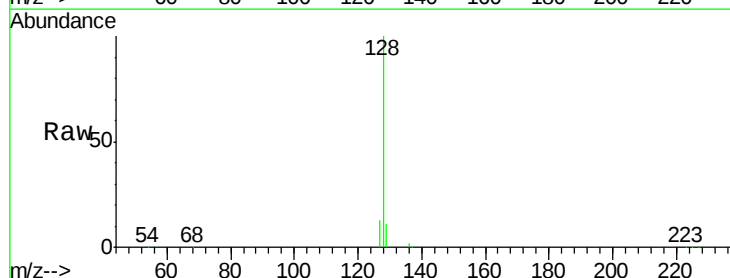
Tgt Ion: 128 Resp: 149323

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

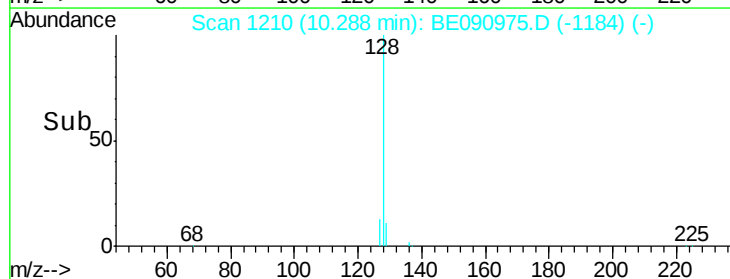
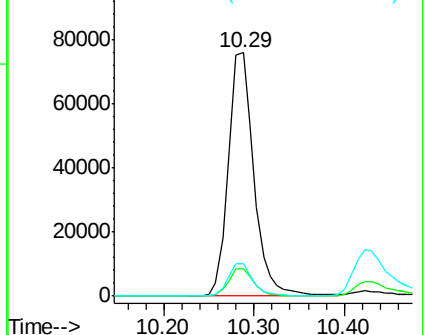
127 13.2 10.7 16.1

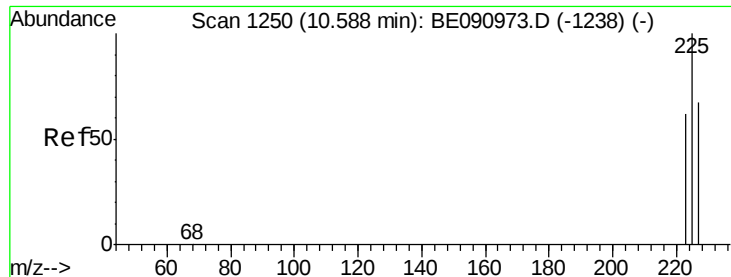


Abundance Ion 128.00 (127.70 to 128.70): BE090973.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090973.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090973.D (-1204) (-)

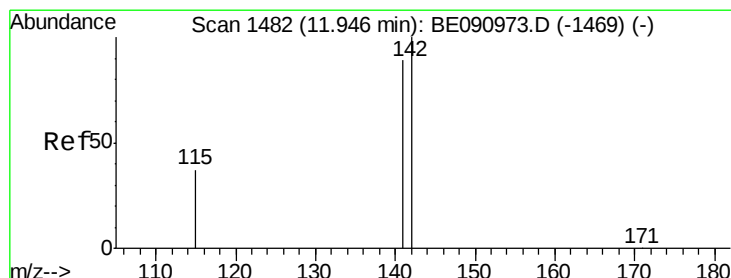
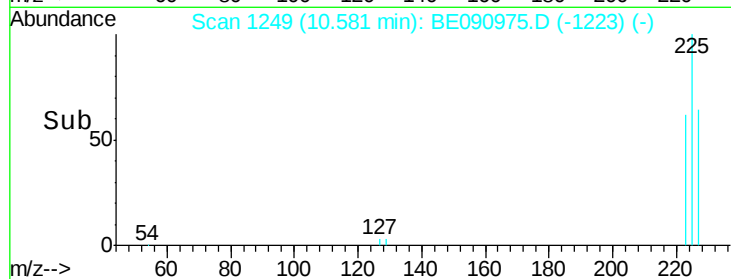
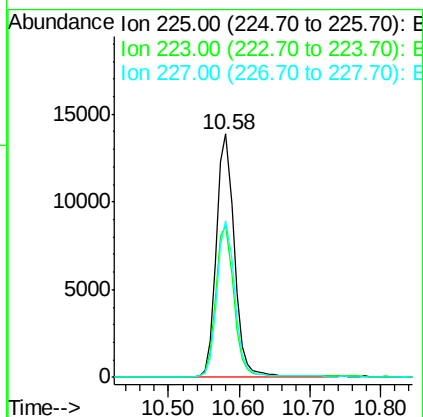
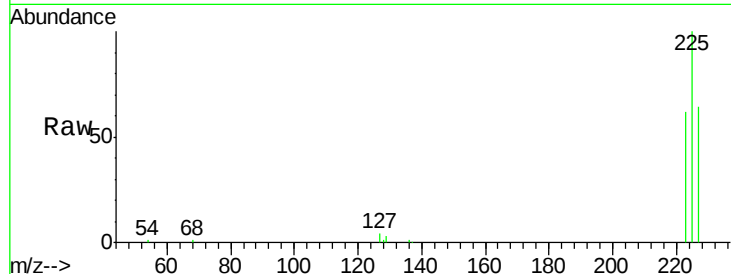




#11
Hexachlorobutadiene
Concen: 1.78 ng
RT: 10.58 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BE090975.D
Acq: 28 Sep 2015 20:46

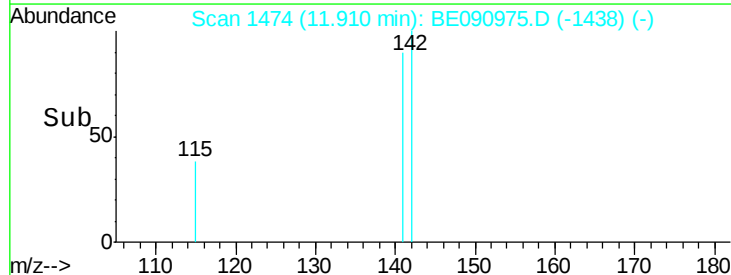
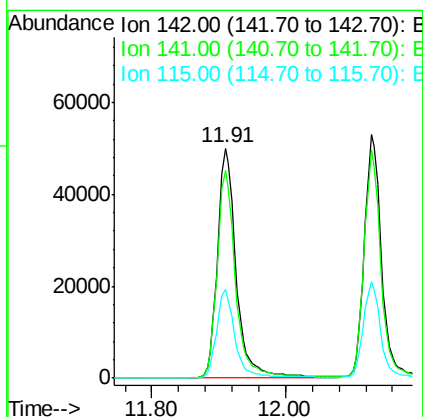
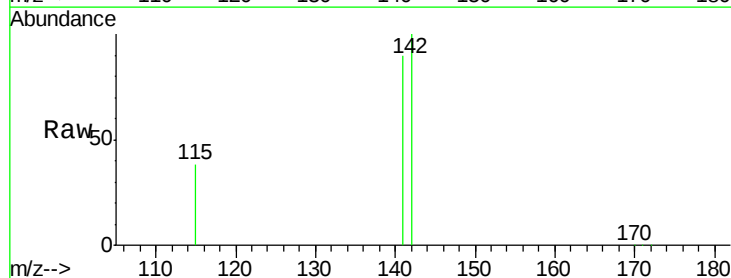
Instrument :
BNA_E
ClientSampleId :
SSTDIC005

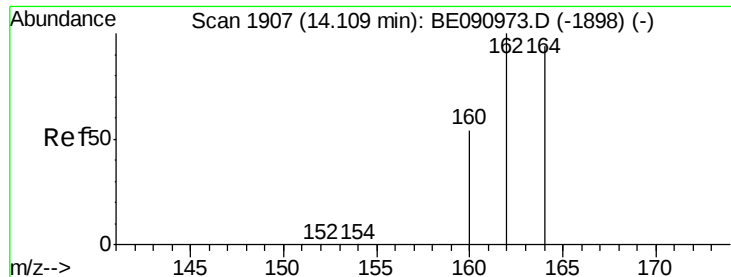
Tgt Ion: 225 Resp: 24101
Ion Ratio Lower Upper
225 100
223 62.8 49.0 73.6
227 63.8 50.3 75.5



#12
2-Methylnaphthalene
Concen: 2.14 ng
RT: 11.91 min Scan# 1474
Delta R.T. -0.04 min
Lab File: BE090975.D
Acq: 28 Sep 2015 20:46

Tgt Ion: 142 Resp: 97135
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.0
115 38.3 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

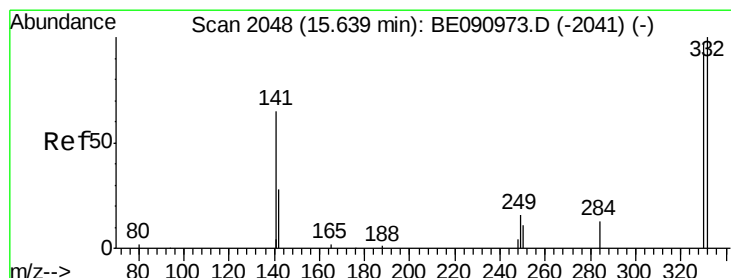
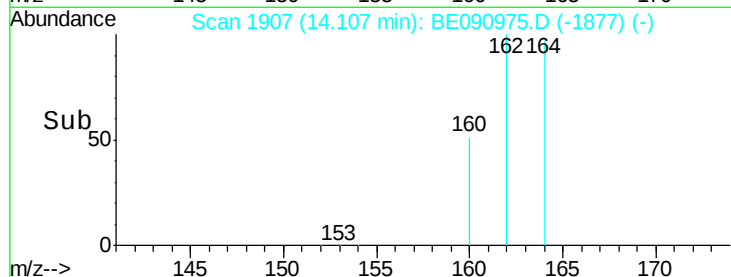
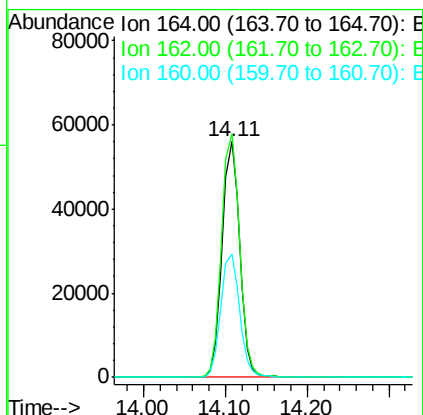
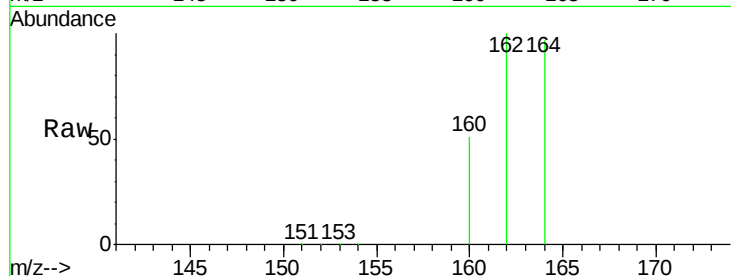
Tgt Ion:164 Resp: 83057

Ion Ratio Lower Upper

164 100

162 103.3 85.3 127.9

160 52.2 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 2.80 ng

RT: 15.62 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

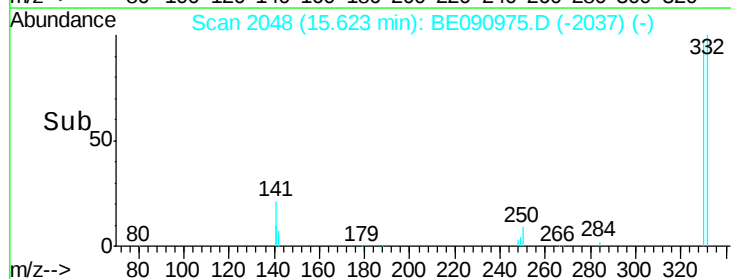
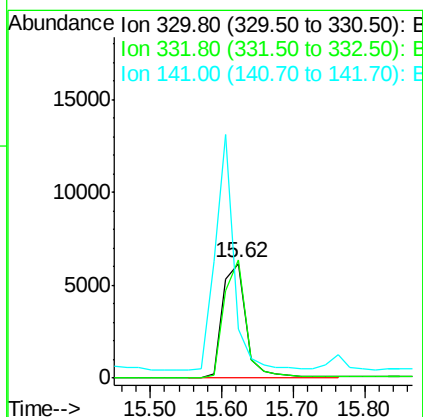
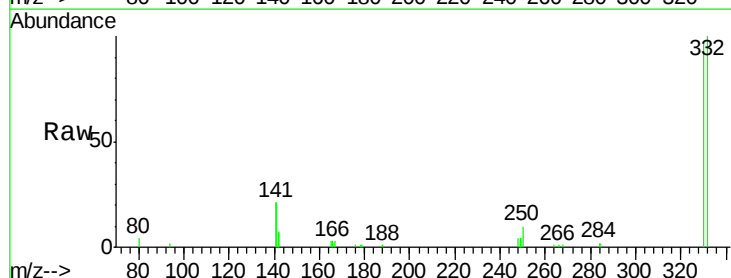
Tgt Ion:330 Resp: 13840

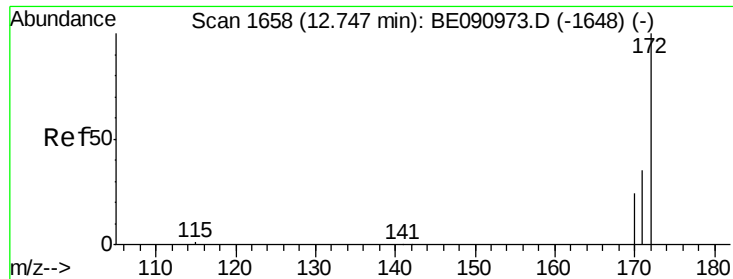
Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 166.9 125.4 188.0

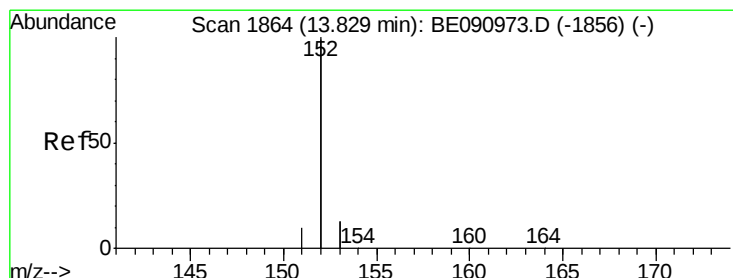
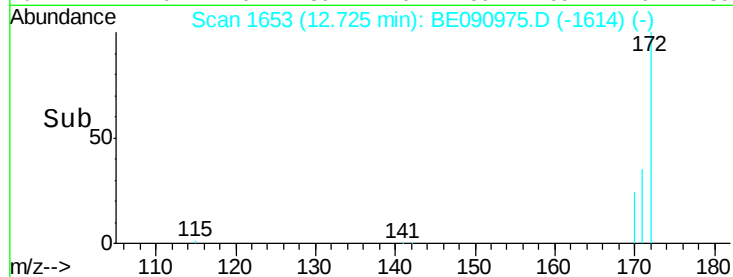
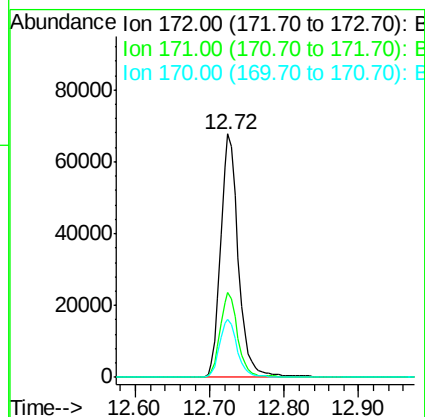
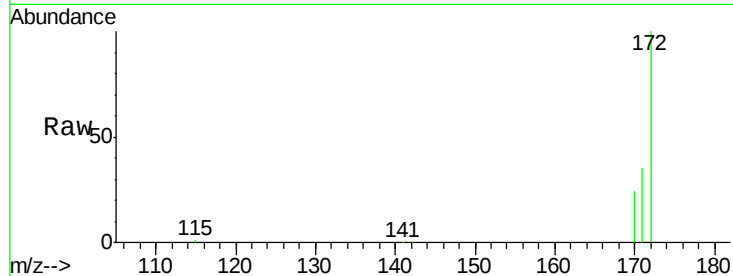




#15
2-Fluorobiphenyl
Concen: 2.12 ng
RT: 12.72 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BE090975.D
Acq: 28 Sep 2015 20:46

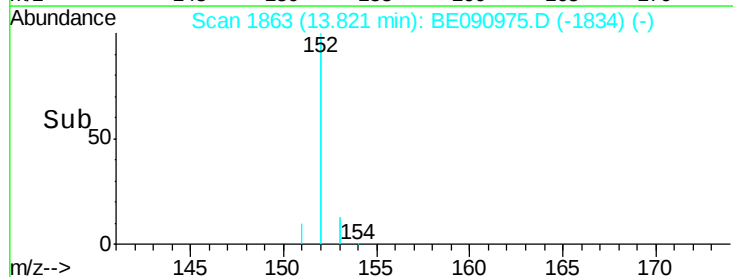
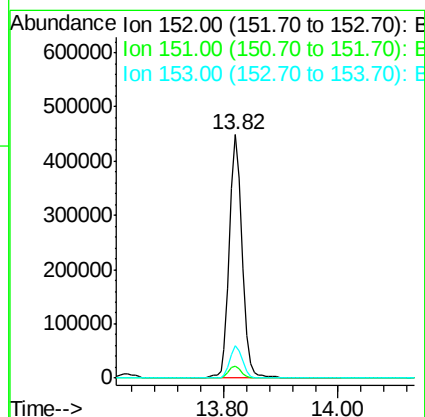
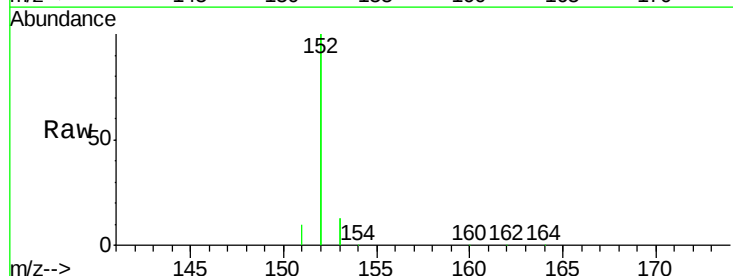
Instrument :
BNA_E
ClientSampleId :
SSTDIC005

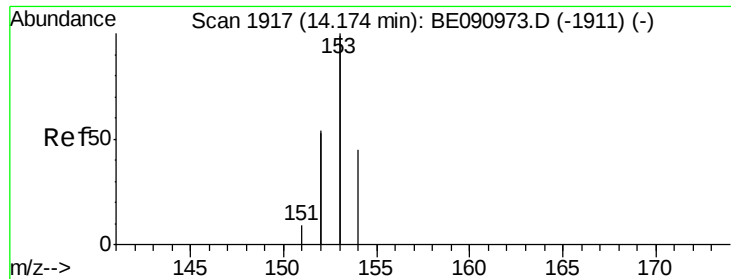
Tgt Ion:172 Resp: 111214
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.8 19.3 28.9



#16
Acenaphthylene
Concen: 2.16 ng
RT: 13.82 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BE090975.D
Acq: 28 Sep 2015 20:46

Tgt Ion:152 Resp: 688204
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 1.99 ng

RT: 14.17 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

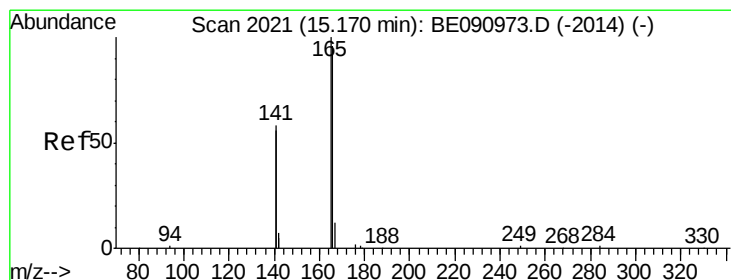
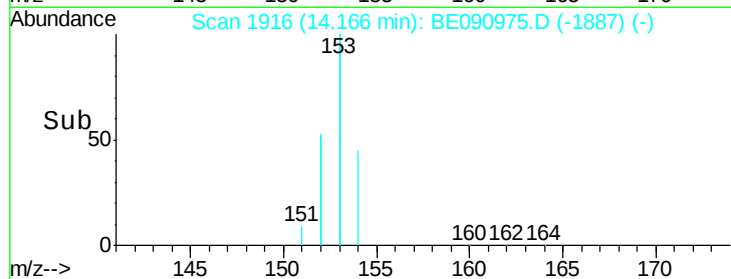
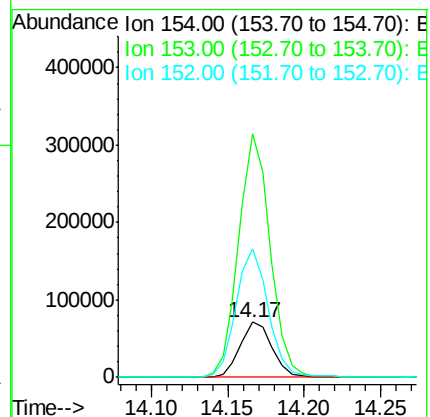
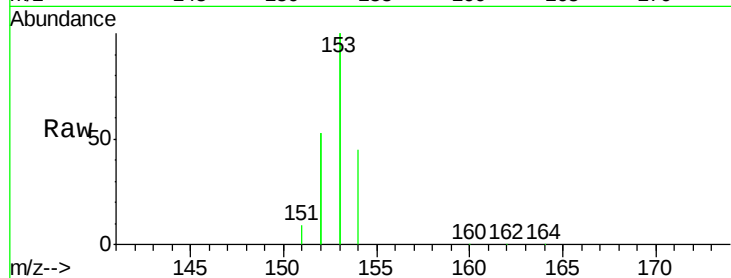
Tgt Ion:154 Resp: 104144

Ion Ratio Lower Upper

154 100

153 435.7 352.0 528.0

152 234.6 200.0 300.0



#18

Fluorene

Concen: 2.08 ng

RT: 15.17 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

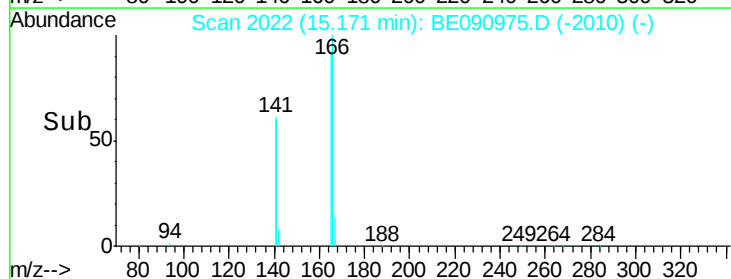
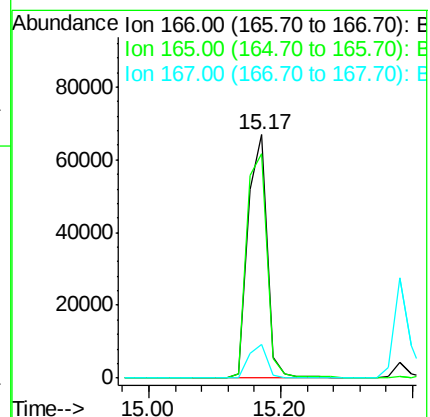
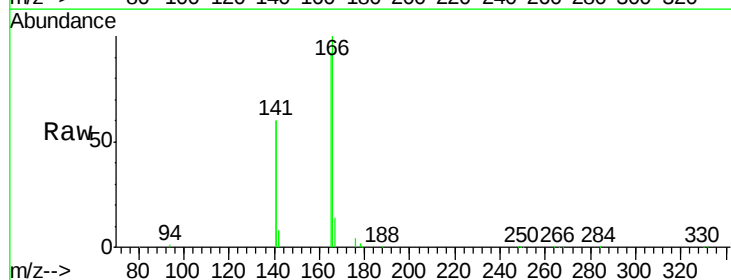
Tgt Ion:166 Resp: 133250

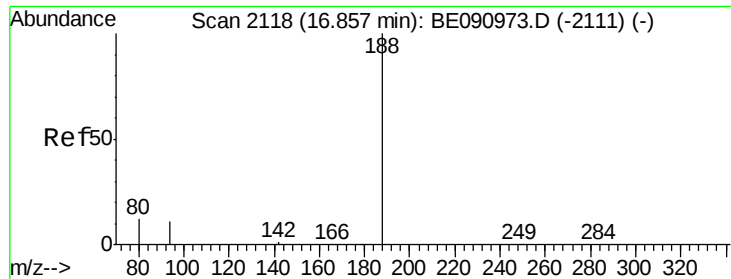
Ion Ratio Lower Upper

166 100

165 98.9 80.8 121.2

167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.86 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

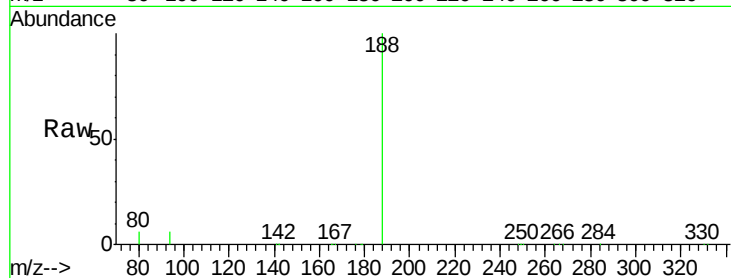
Tgt Ion:188 Resp: 192719

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

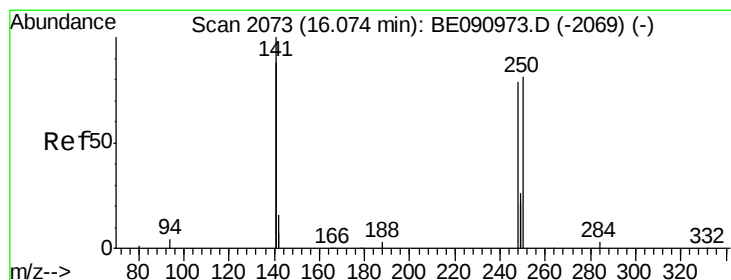
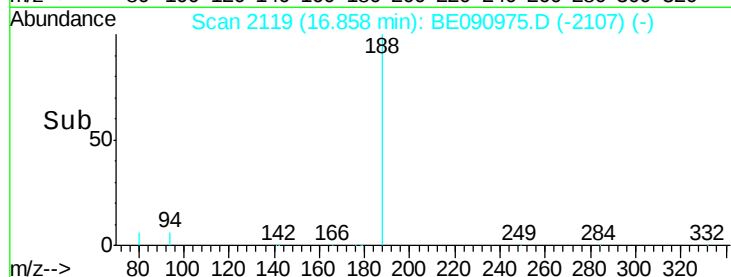
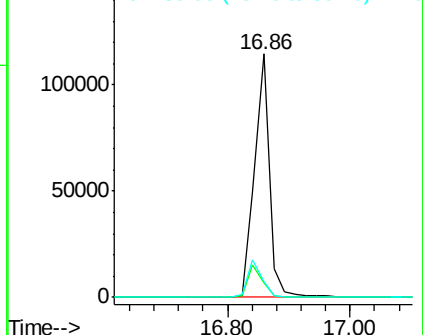
80 6.3 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 2.09 ng

RT: 16.06 min Scan# 2073

Delta R.T. -0.02 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

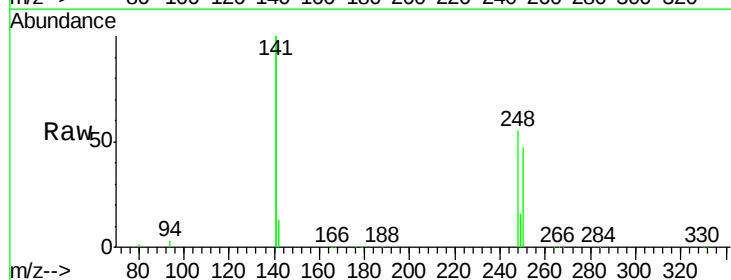
Tgt Ion:248 Resp: 35555

Ion Ratio Lower Upper

248 100

250 97.8 80.5 120.7

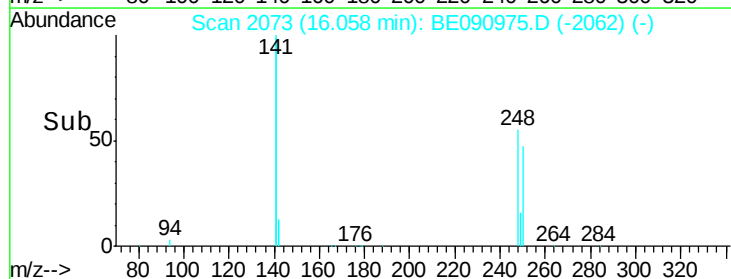
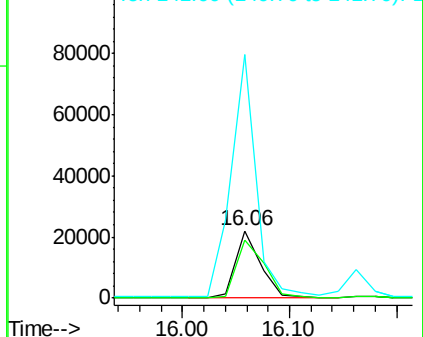
141 353.8 261.9 392.9

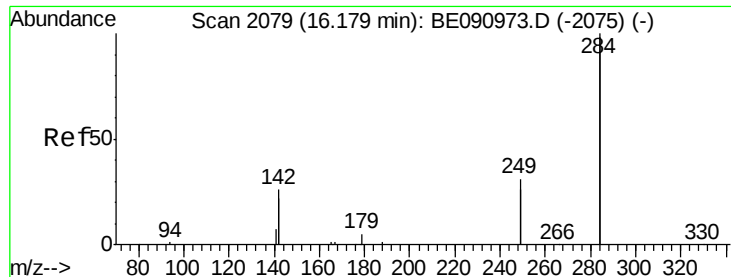


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.89 ng

RT: 16.18 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

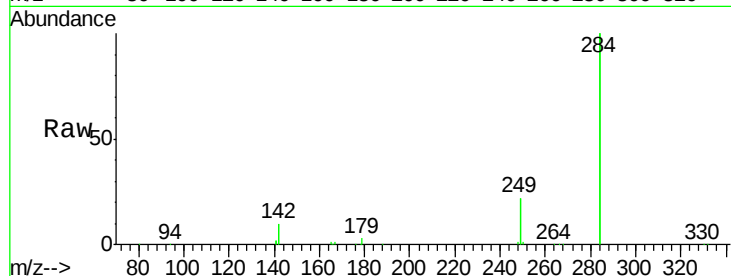
Tgt Ion:284 Resp: 170787

Ion Ratio Lower Upper

284 100

142 41.5 32.2 48.2

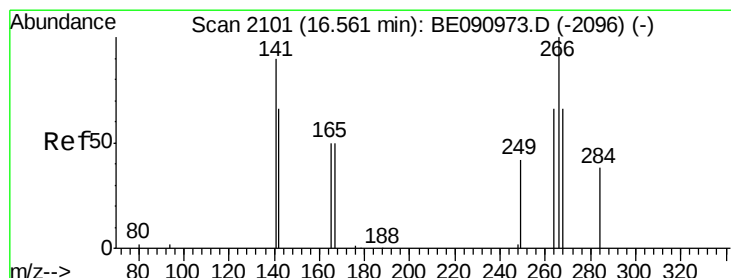
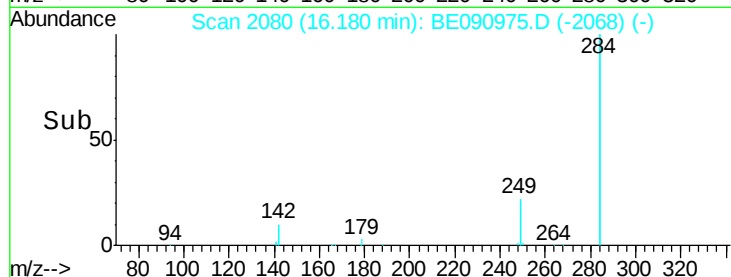
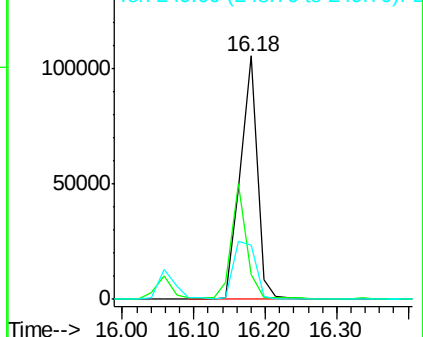
249 30.8 25.4 38.2



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: 3.01 ng

RT: 16.53 min Scan# 2100

Delta R.T. -0.03 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

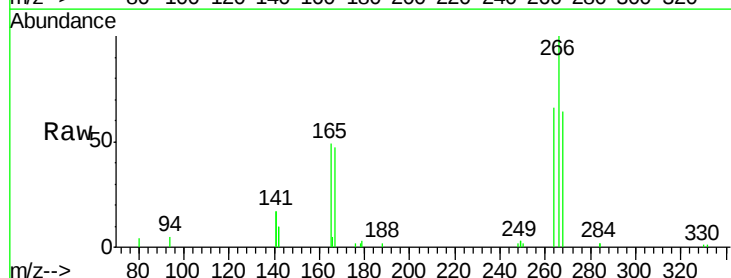
Tgt Ion:266 Resp: 14030

Ion Ratio Lower Upper

266 100

268 63.7 58.2 87.2

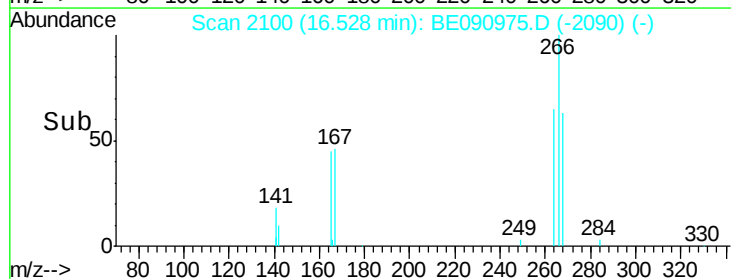
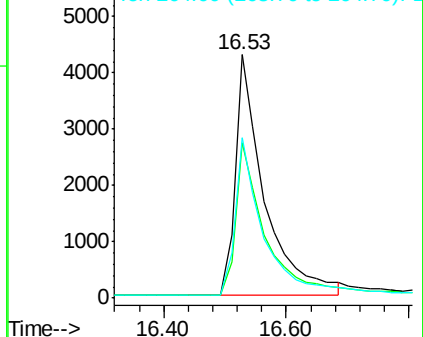
264 65.8 56.2 84.4

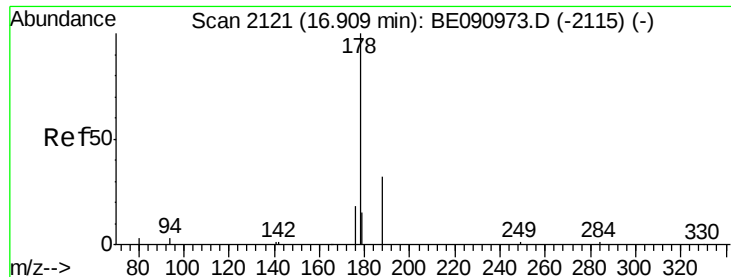


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 2.10 ng

RT: 16.89 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC005

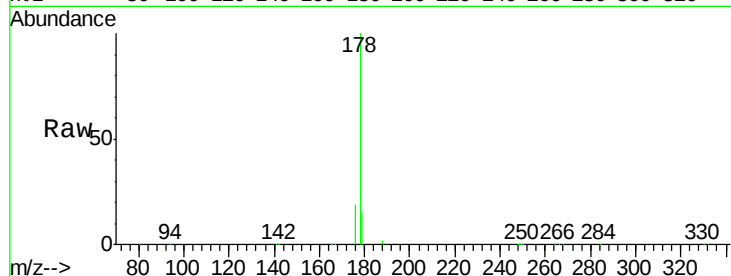
Tgt Ion:178 Resp: 234592

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

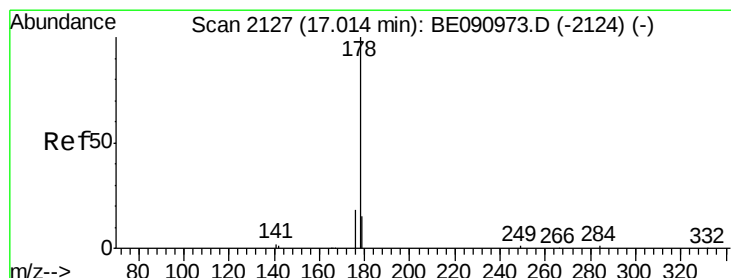
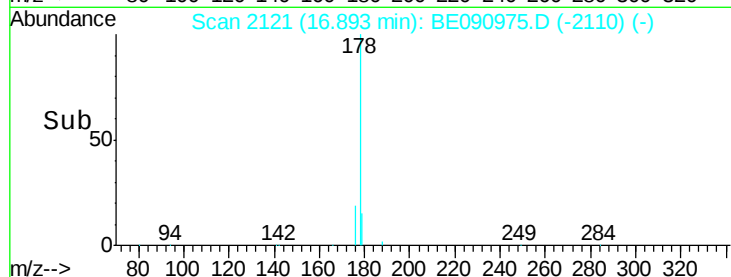
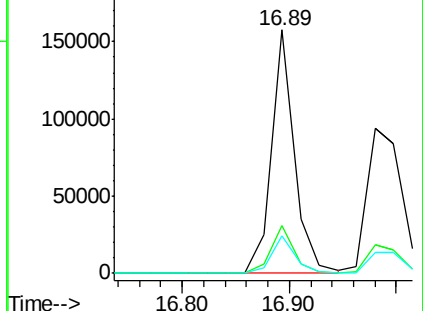
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 2.36 ng

RT: 16.98 min Scan# 2126

Delta R.T. -0.03 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

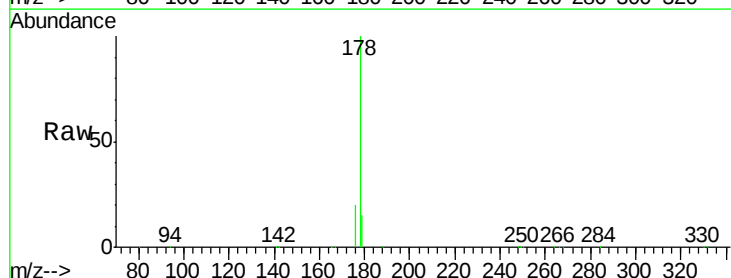
Tgt Ion:178 Resp: 214641

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

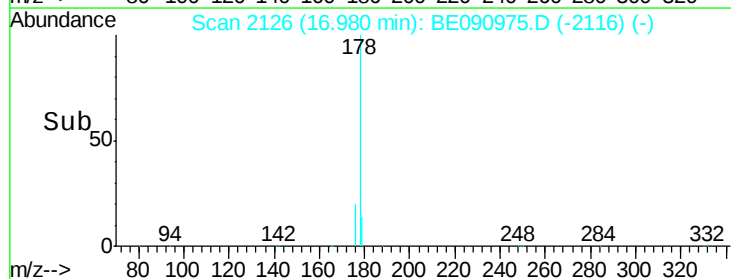
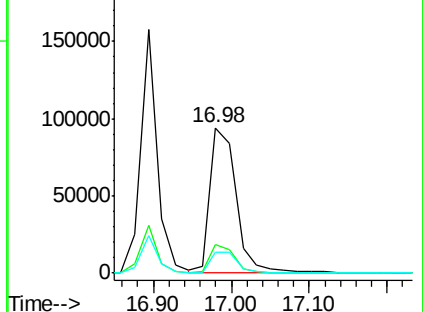
179 15.0 11.8 17.6

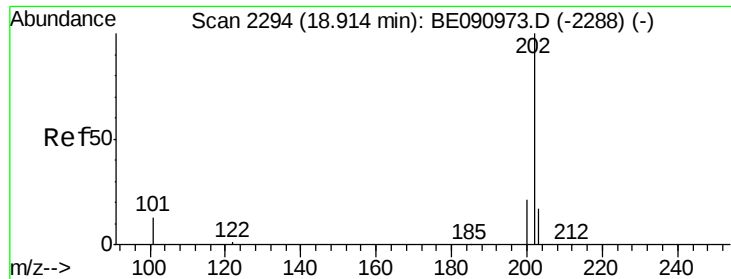


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 2.23 ng

RT: 18.90 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

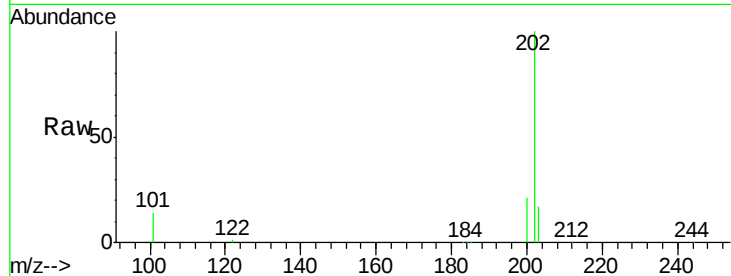
Tgt Ion:202 Resp: 264079

Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.6

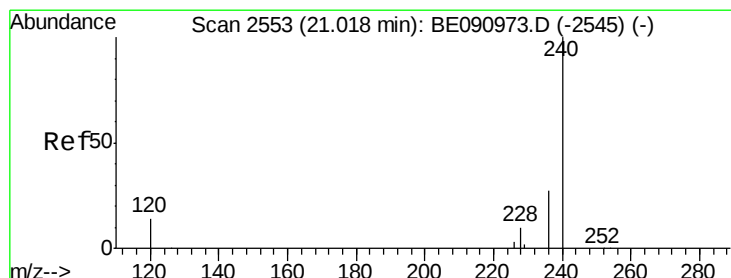
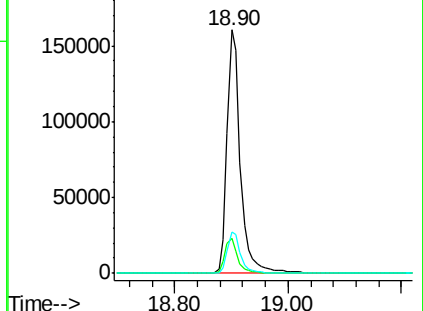
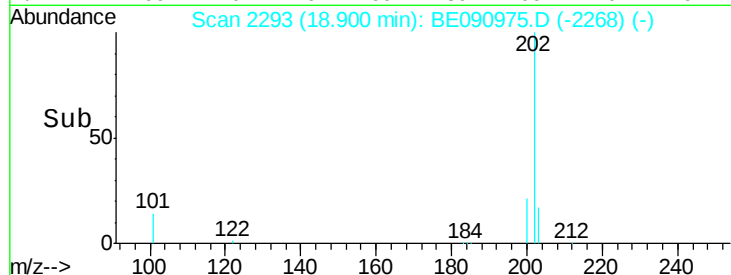
203 17.2 13.9 20.9



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# 2553

Delta R.T. -0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

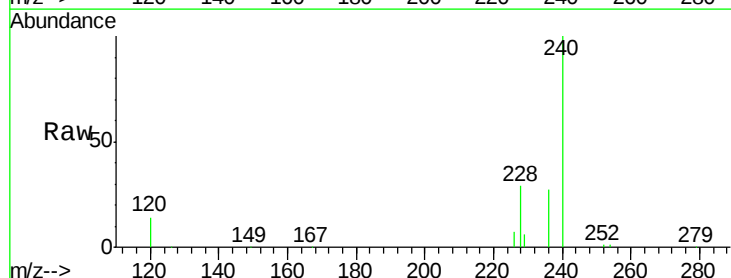
Tgt Ion:240 Resp: 239761

Ion Ratio Lower Upper

240 100

120 13.6 11.0 16.4

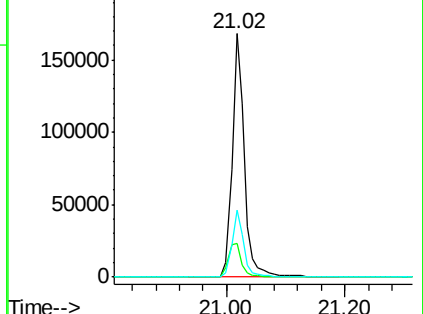
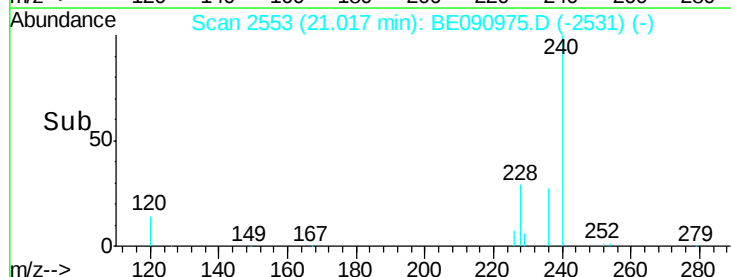
236 27.4 21.7 32.5

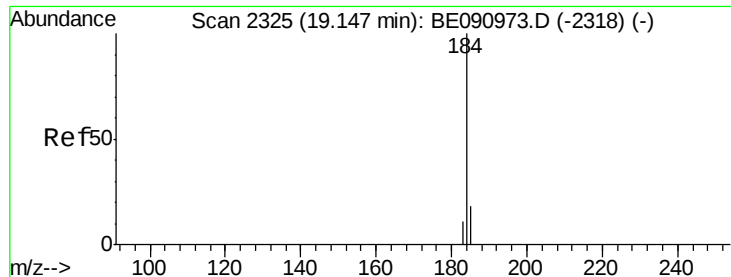


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 3.97 ng

RT: 19.13 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

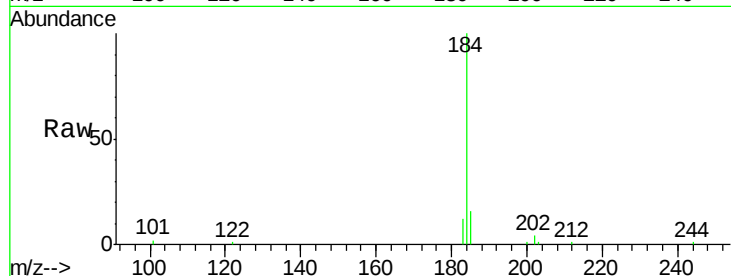
Tgt Ion:184 Resp: 35107

Ion Ratio Lower Upper

184 100

185 16.1 22.3 33.5#

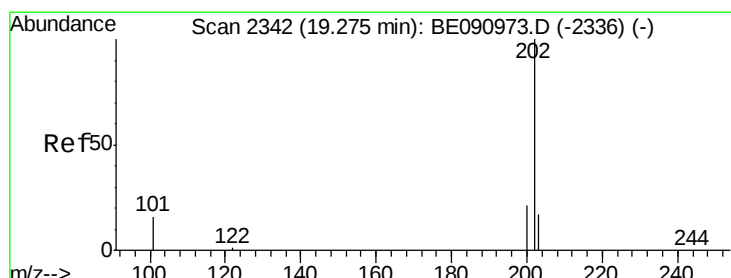
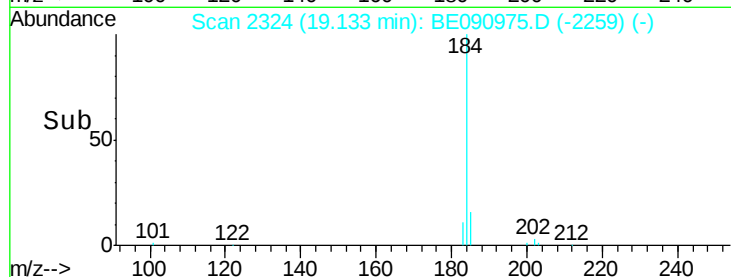
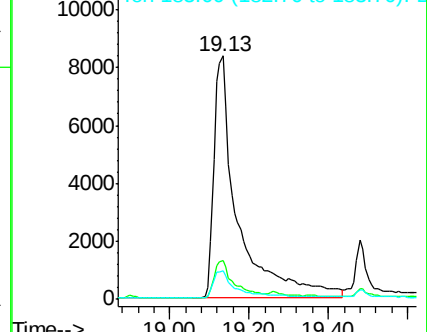
183 11.6 16.4 24.6#



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: 2.17 ng

RT: 19.27 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

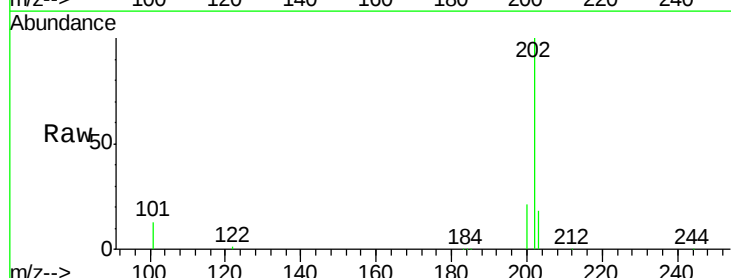
Tgt Ion:202 Resp: 278170

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

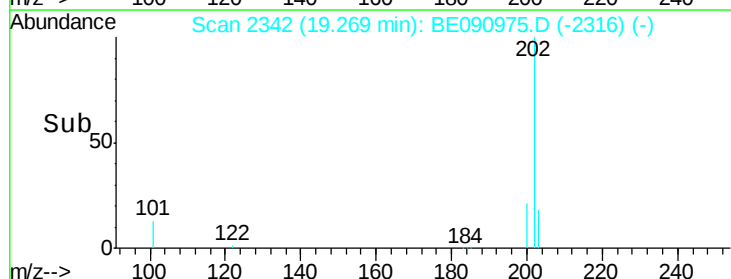
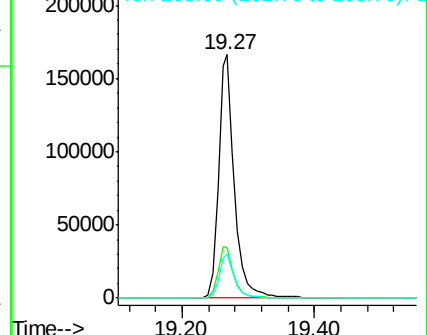
203 17.5 14.0 21.0

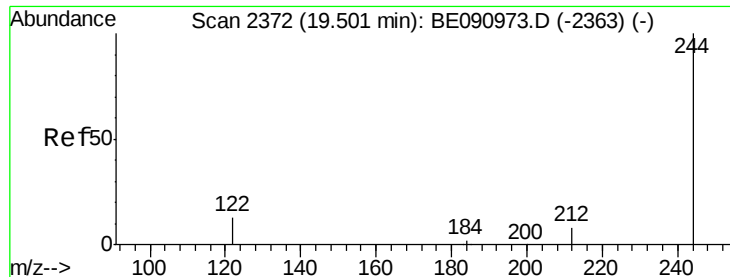


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.27 ng

RT: 19.49 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

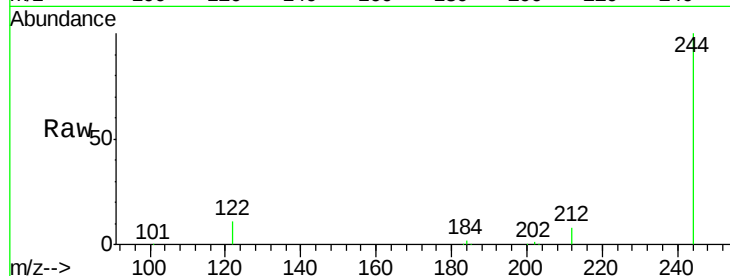
Tgt Ion:244 Resp: 149558

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

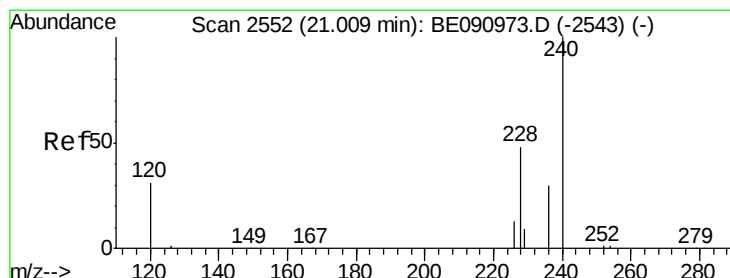
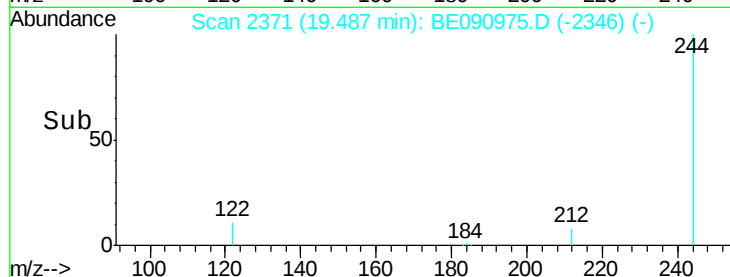
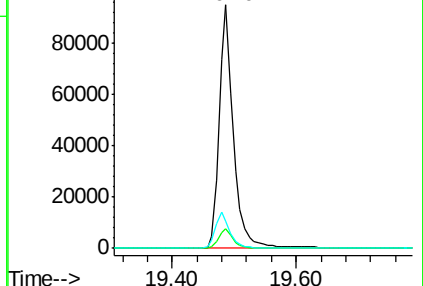
122 11.4 11.0 16.4



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: 2.13 ng

RT: 21.00 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

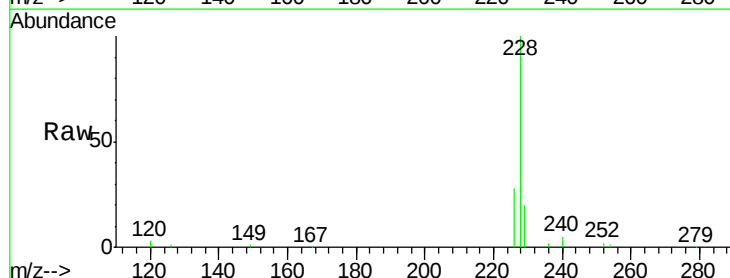
Tgt Ion:228 Resp: 272280

Ion Ratio Lower Upper

228 100

226 27.9 21.0 31.4

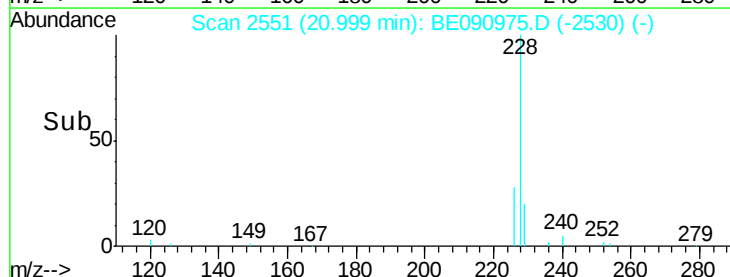
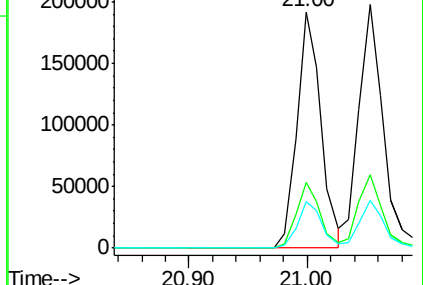
229 19.6 15.7 23.5

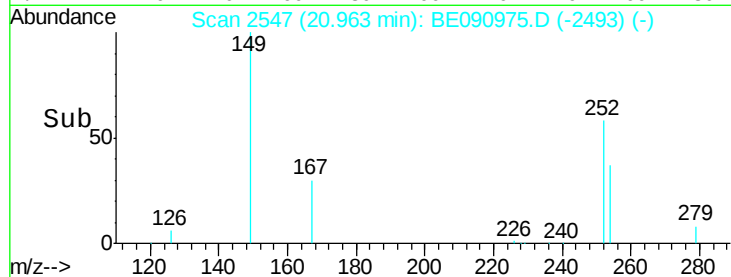
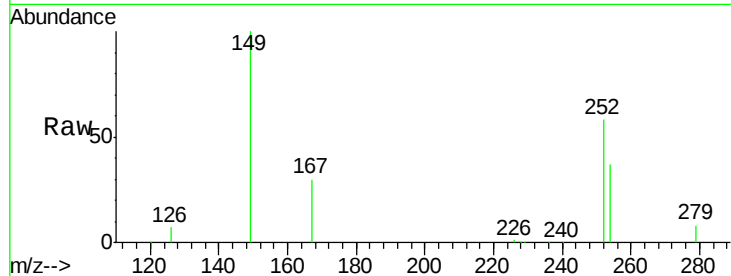
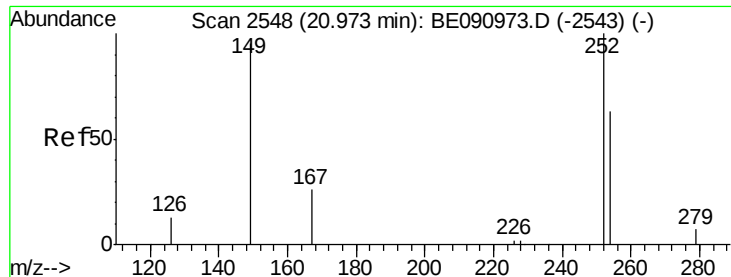


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

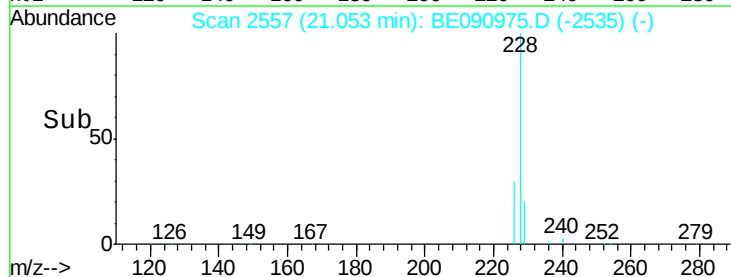
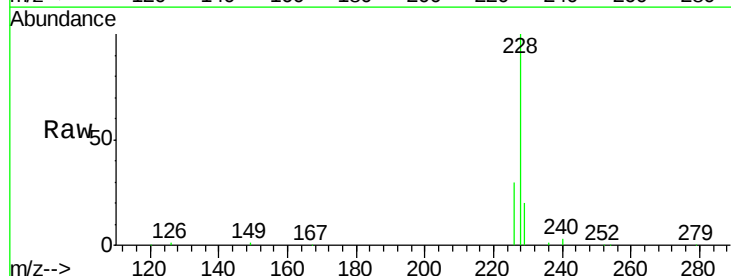
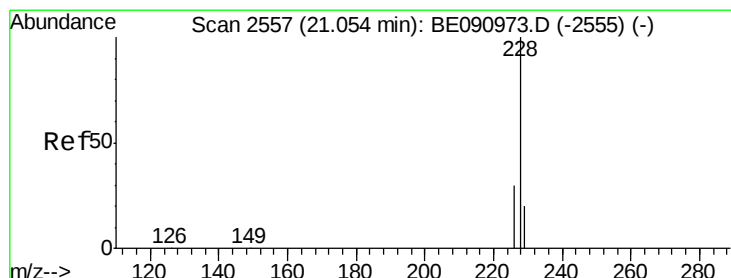
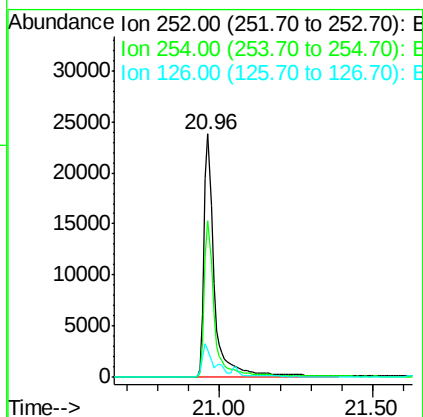




#31
 3,3'-Dichlorobenzidine
 Concen: 3.10 ng
 RT: 20.96 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BE090975.D
 Acq: 28 Sep 2015 20:46

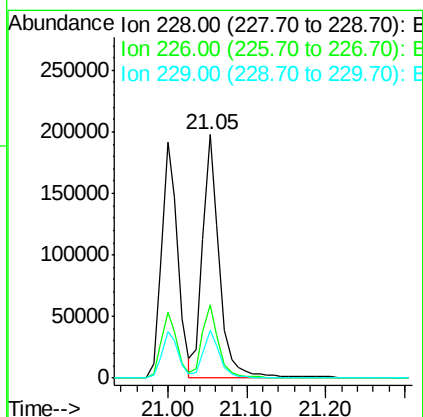
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

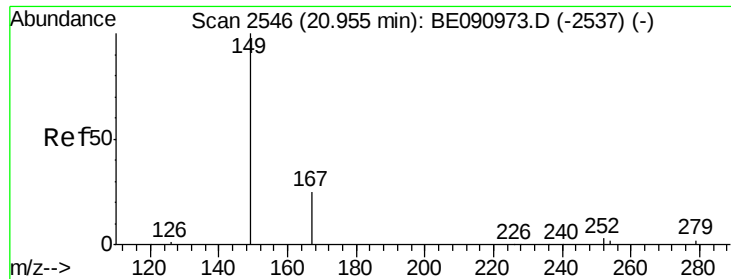
Tgt Ion: 252 Resp: 54929
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.1 76.7
 126 11.4 12.6 18.8#



#32
 Chrysene
 Concen: 1.96 ng
 RT: 21.05 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BE090975.D
 Acq: 28 Sep 2015 20:46

Tgt Ion: 228 Resp: 289322
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.0 36.0
 229 19.7 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.44 ng

RT: 20.95 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

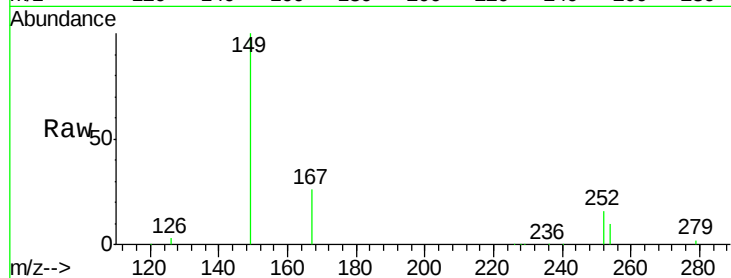
Tgt Ion:149 Resp: 123806

Ion Ratio Lower Upper

149 100

167 25.9 19.5 29.3

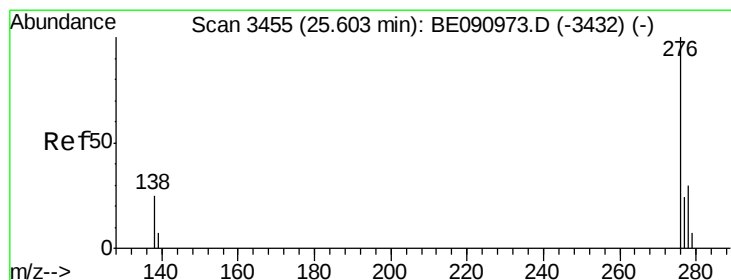
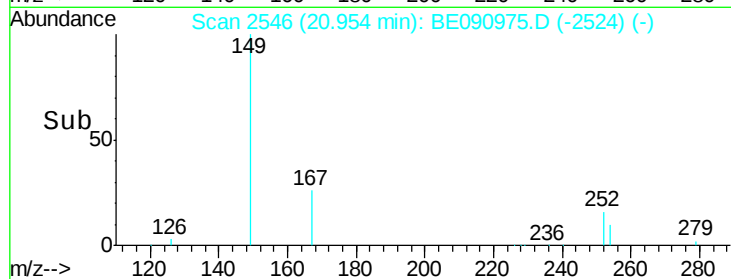
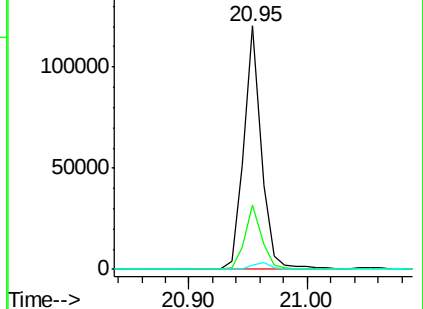
279 2.9 2.3 3.5



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: 2.35 ng

RT: 25.59 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

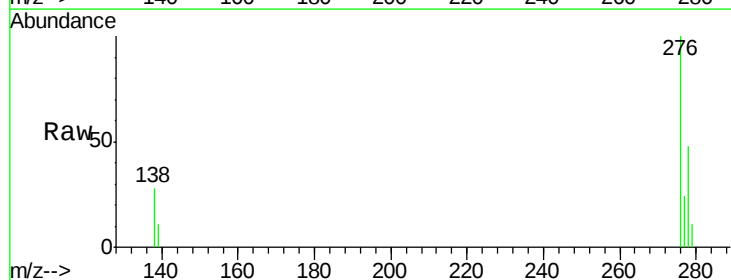
Tgt Ion:276 Resp: 297552

Ion Ratio Lower Upper

276 100

138 29.5 23.4 35.2

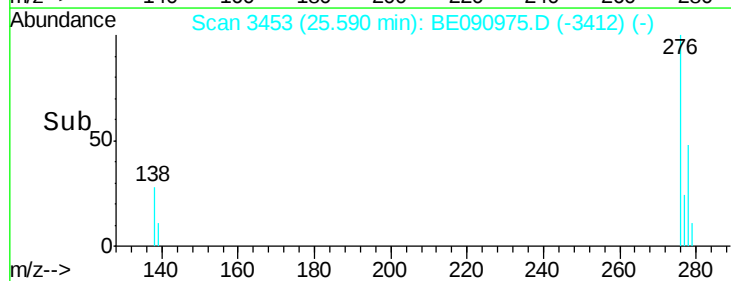
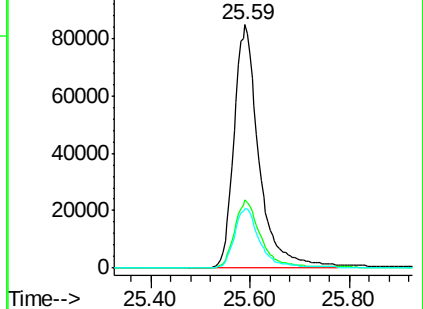
277 25.0 19.8 29.8

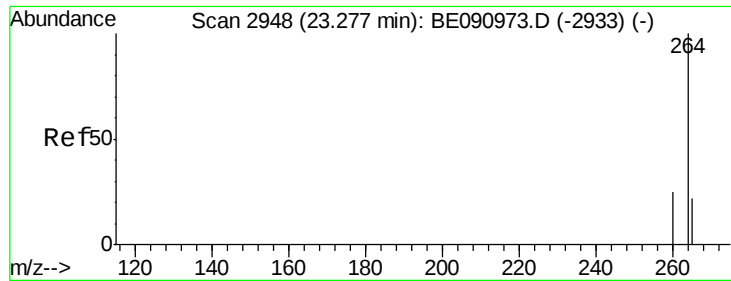


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2948

Delta R.T. -0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

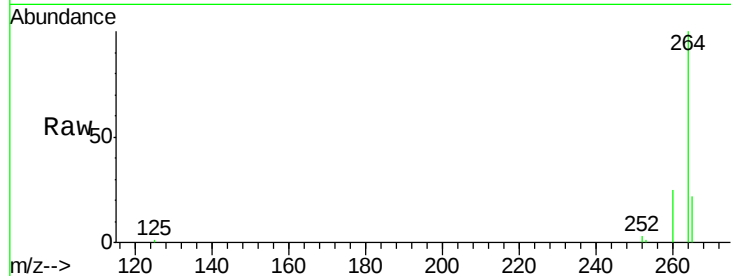
Tgt Ion:264 Resp: 203064

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

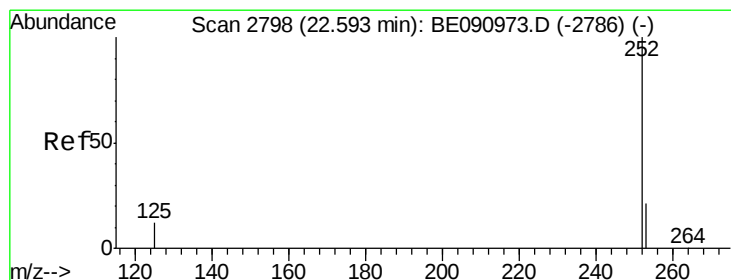
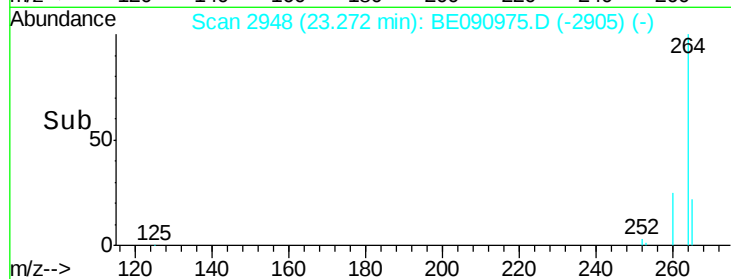
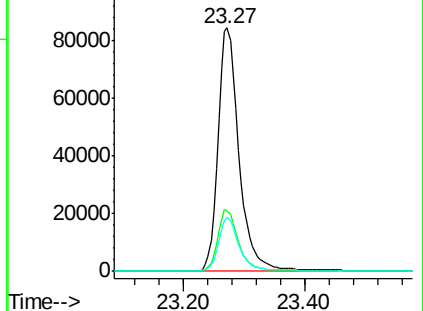
265 22.1 17.5 26.3



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: 2.38 ng

RT: 22.58 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

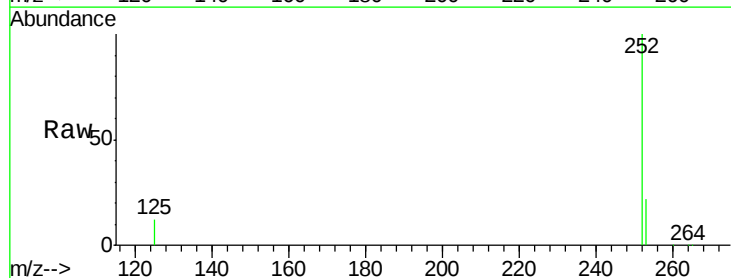
Tgt Ion:252 Resp: 239602

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

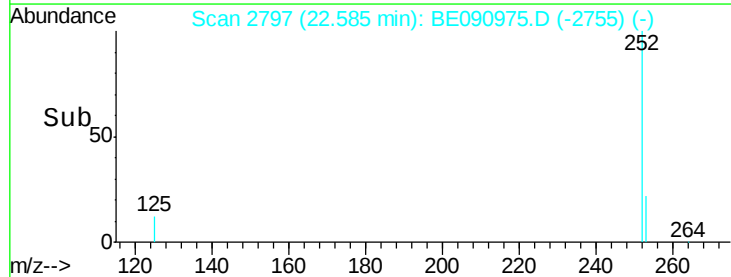
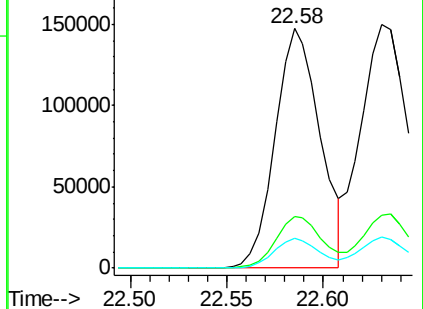
125 12.3 10.2 15.2

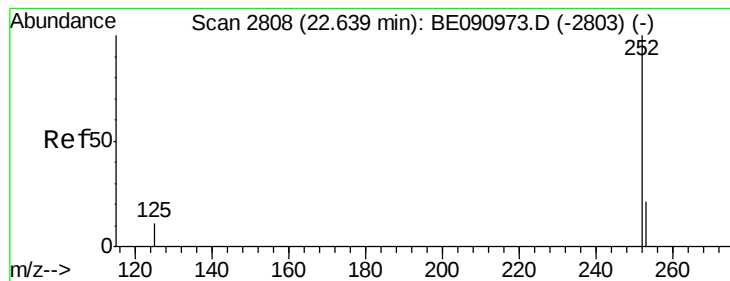


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(k)fluoranthene

Concen: 2.25 ng

RT: 22.63 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

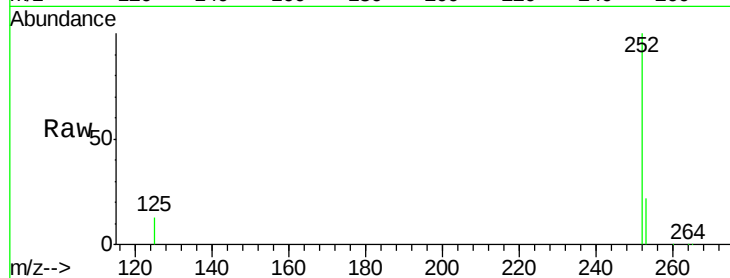
Tgt Ion: 252 Resp: 285561

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

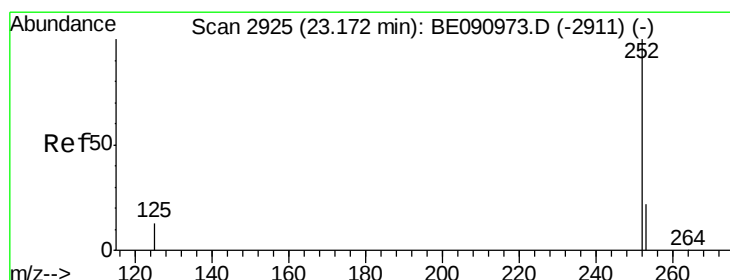
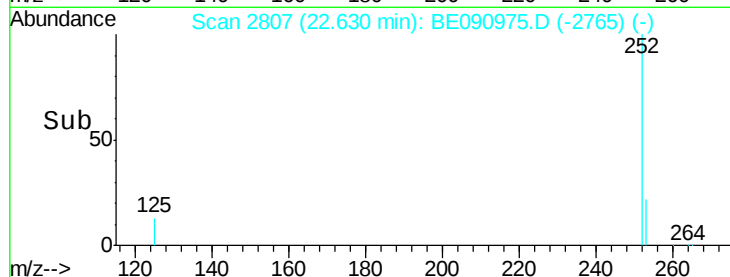
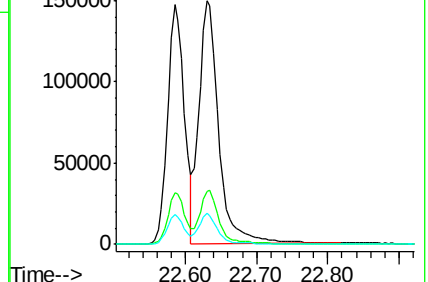
125 12.6 9.9 14.9



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: 2.47 ng

RT: 23.17 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

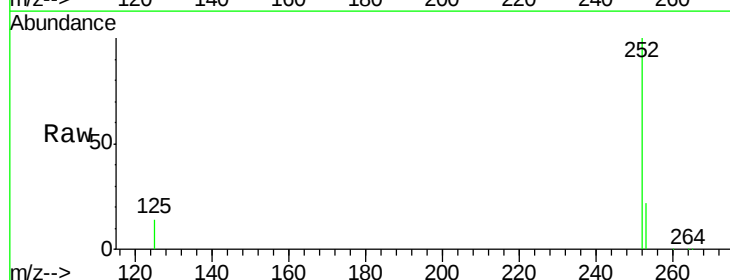
Tgt Ion: 252 Resp: 222082

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

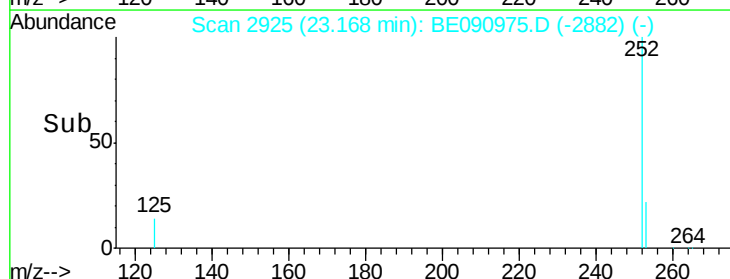
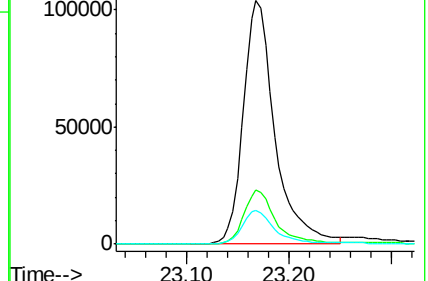
125 13.7 11.0 16.4

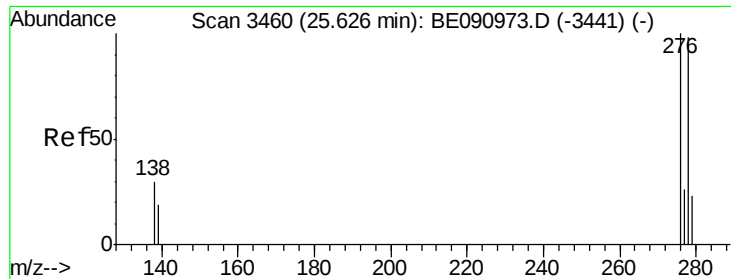


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 2.68 ng

RT: 25.61 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

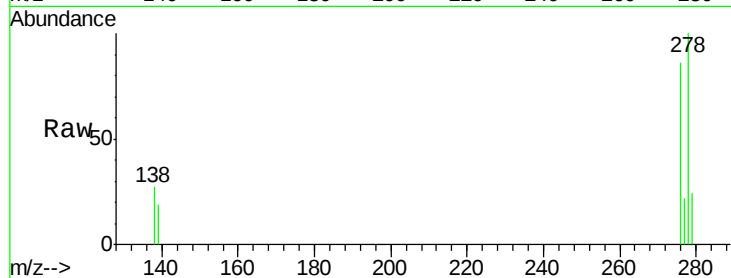
Tgt Ion: 278 Resp: 236746

Ion Ratio Lower Upper

278 100

139 19.0 16.0 24.0

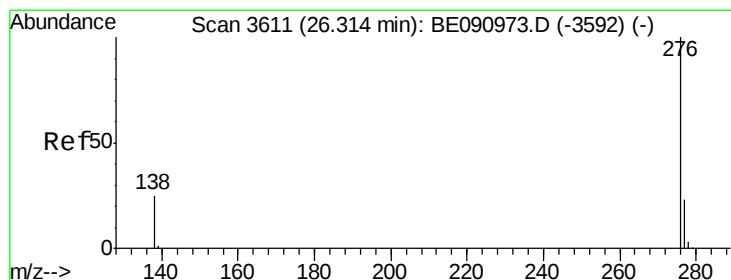
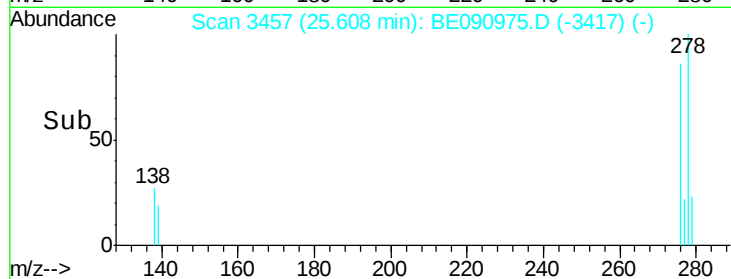
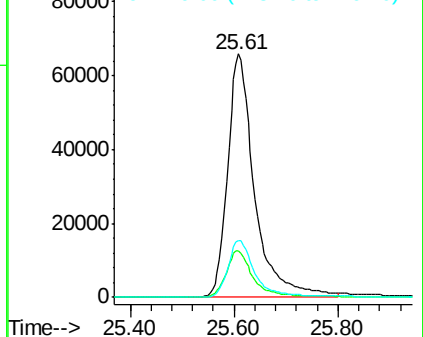
279 23.6 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 2.40 ng

RT: 26.30 min Scan# 3609

Delta R.T. -0.01 min

Lab File: BE090975.D

Acq: 28 Sep 2015 20:46

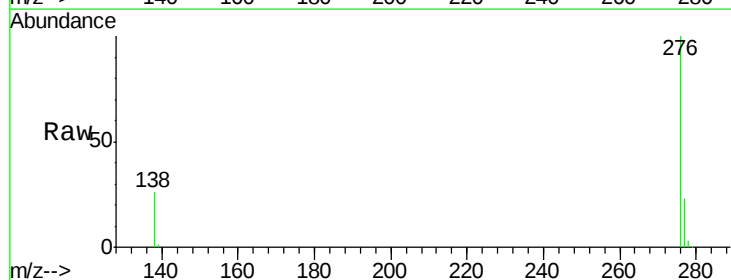
Tgt Ion: 276 Resp: 234311

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 26.1 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

