

Data Path : Z:\HPCHEM1\BNA E\DATA\BE093015\
 Data File : BE090979.D
 Acq On : 30 Sep 2015 15:17
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Oct 01 03:19:33 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 16:01:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	26676	5.00	ng	-0.01
7) Naphthalene-d8	10.23	136	119059	5.00	ng	-0.02
13) Acenaphthene-d10	14.11	164	67069	5.00	ng	0.00
19) Phenanthrene-d10	16.86	188	177868	5.00	ng	0.00
26) Chrysene-d12	21.02	240	226129	5.00	ng	0.00
35) Perylene-d12	23.27	264	198777	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	4954	0.98	ng	-0.01
5) Phenol-d6	6.68	99	6254	0.92	ng	-0.03
8) Nitrobenzene-d5	8.64	82	6318	0.96	ng	-0.01
14) 2,4,6-Tribromophenol	15.62	330	1953	0.99	ng	-0.02
15) 2-Fluorobiphenyl	12.73	172	16497	0.91	ng	-0.01
29) Terphenyl-d14	19.49	244	24193	0.89	ng	-0.02

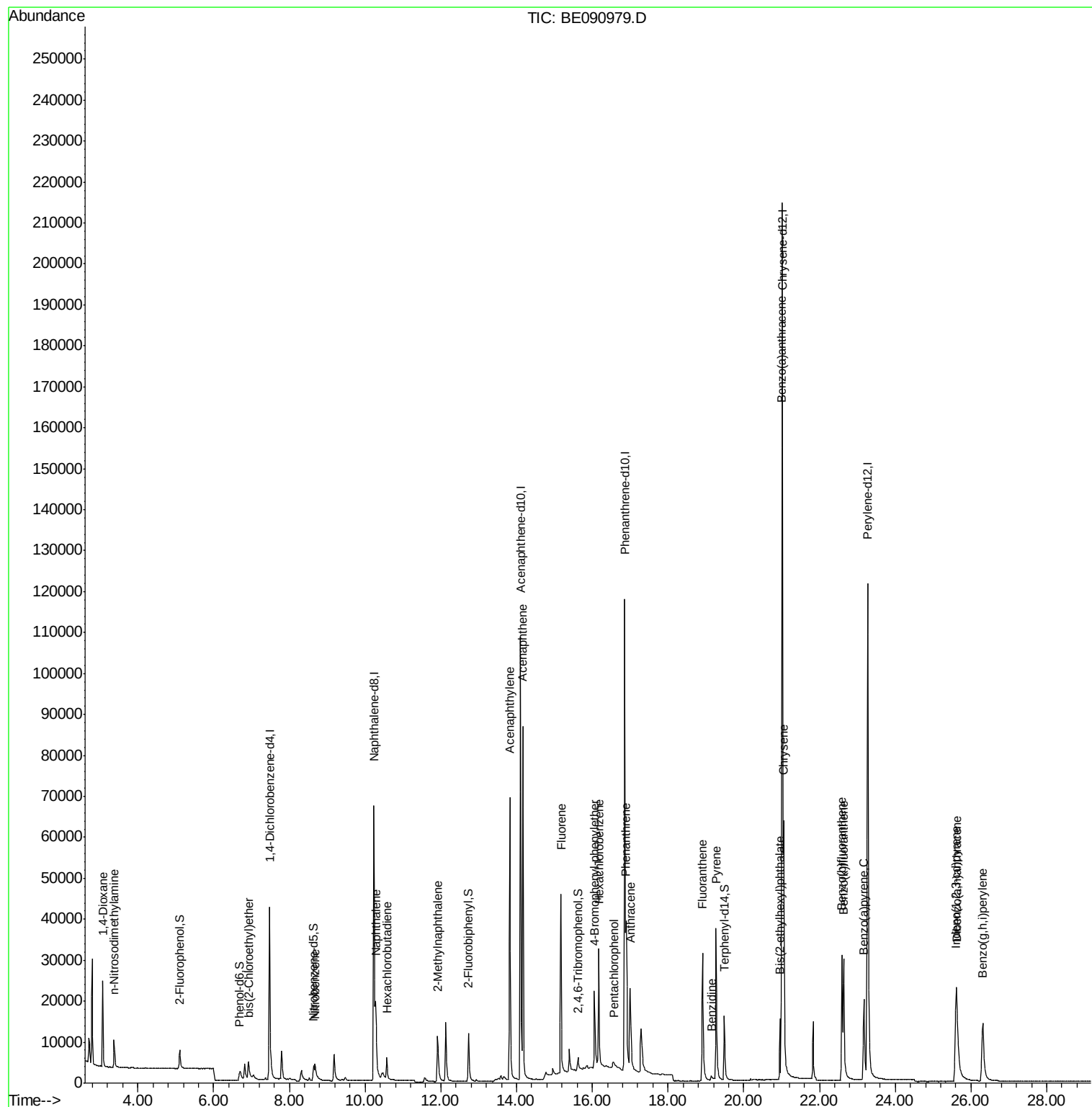
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.08	88	11887	3.39	ng	97
3) n-Nitrosodimethylamine	3.37	42	4772	1.11	ng	98
6) bis(2-Chloroethyl)ether	6.92	93	7430	1.06	ng	97
9) Nitrobenzene	8.68	77	6894	1.01	ng	97
10) Naphthalene	10.28	128	24195	0.99	ng	99
11) Hexachlorobutadiene	10.57	225	3989	0.97	ng	98
12) 2-Methylnaphthalene	11.92	142	14309	0.95	ng	99
16) Acenaphthylene	13.82	152	101271	0.90	ng	100
17) Acenaphthene	14.17	154	16988	0.95	ng	96
18) Fluorene	15.17	166	22317	1.01	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	6068	0.90	ng	87
21) Hexachlorobenzene	16.18	284	30657	0.92	ng	99
22) Pentachlorophenol	16.56	266	1925	0.99	ng	98
23) Phenanthrene	16.89	178	40993	0.96	ng	100
24) Anthracene	17.00	178	34098	0.89	ng	99
25) Fluoranthene	18.91	202	44566	0.93	ng	100
27) Benzidine	19.14	184	3414	1.04	ng	94
28) Pyrene	19.27	202	46907	0.89	ng	100
30) Benzo(a)anthracene	21.00	228	44626	0.89	ng	98
32) Chrysene	21.05	228	57957	0.97	ng	99
33) Bis(2-ethylhexyl)phthalate	20.95	149	13555	0.84	ng	99
34) Indeno(1,2,3-cd)pyrene	25.60	276	46049	0.91	ng	100
36) Benzo(b)fluoranthene	22.59	252	39669	0.91	ng	99
37) Benzo(k)fluoranthene	22.63	252	50273	0.88	ng	100
38) Benzo(a)pyrene	23.17	252	35753	0.88	ng	99
39) Dibenzo(a,h)anthracene	25.62	278	34761	0.87	ng	99
40) Benzo(g,h,i)perylene	26.31	276	39045	0.90	ng	100

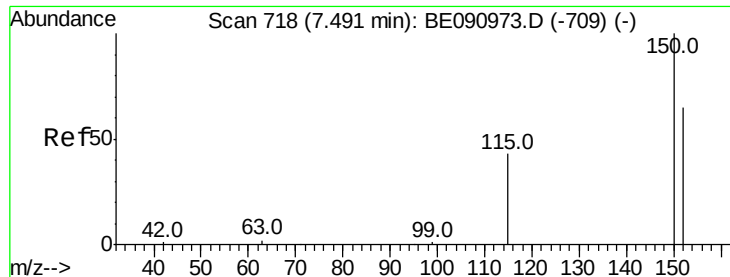
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

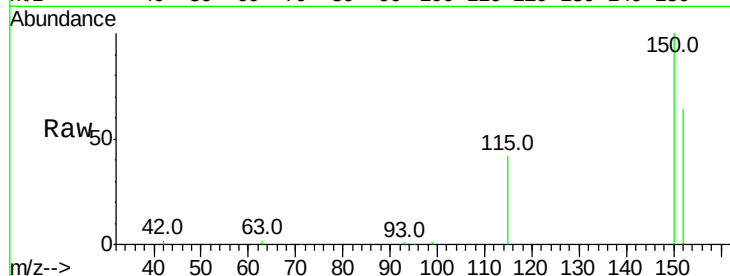
Tot Ion:152 Resp: 26676

Ion Ratio Lower Upper

152 100

150 155.8 122.6 183.8

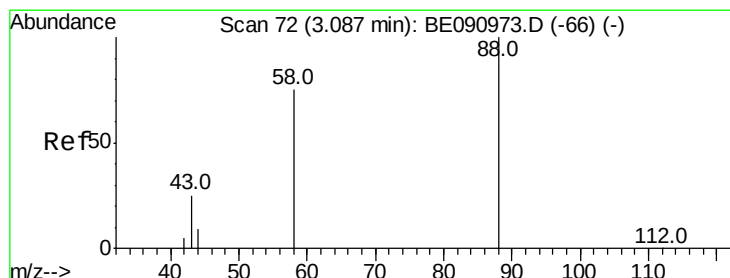
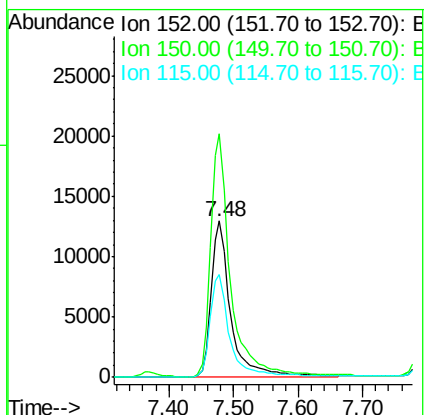
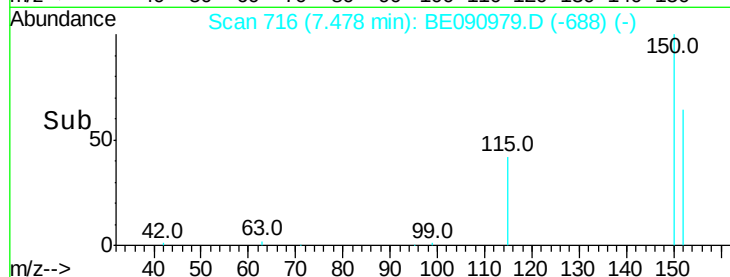
115 65.6 52.8 79.2



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: 3.39 ng

RT: 3.08 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

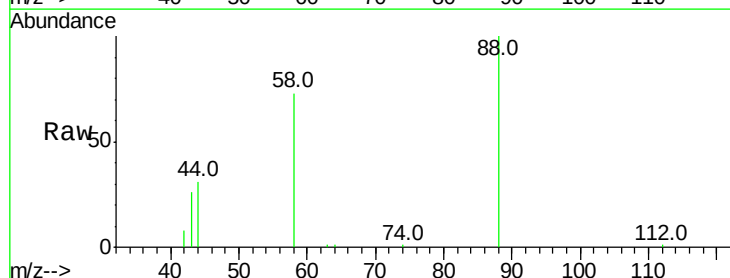
Tgt Ion: 88 Resp: 11887

Ion Ratio Lower Upper

88 100

58 85.9 65.8 98.6

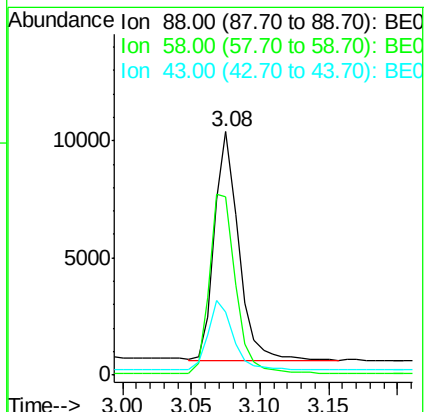
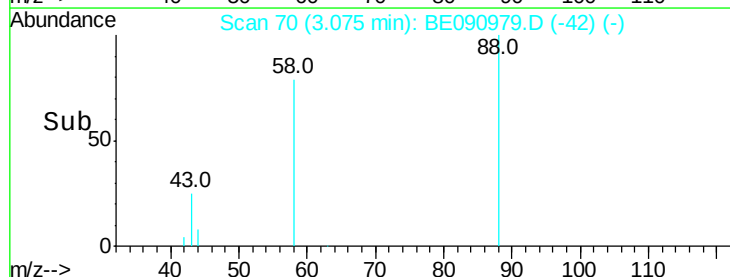
43 30.8 25.3 37.9

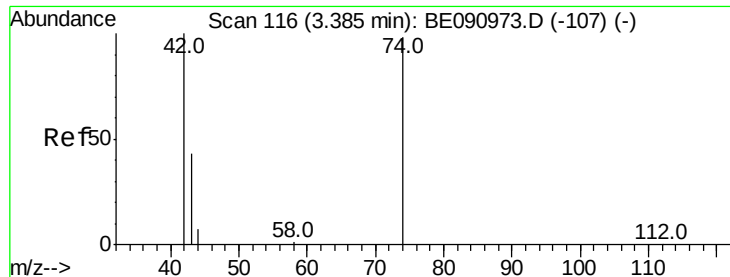


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



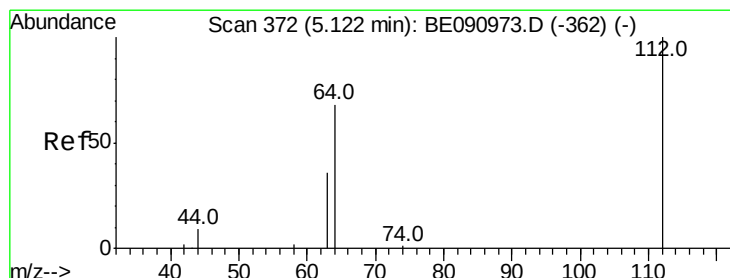
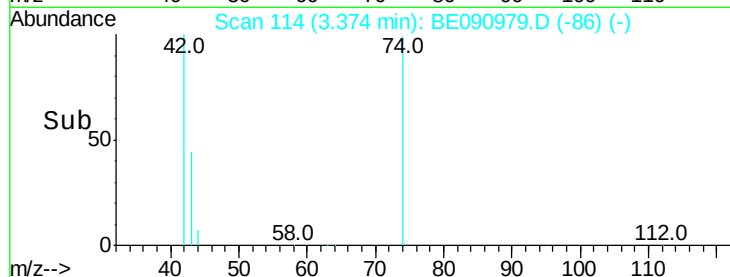
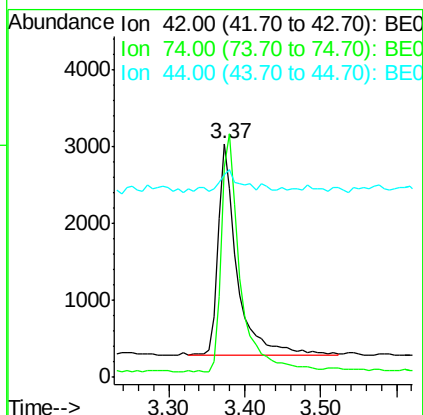
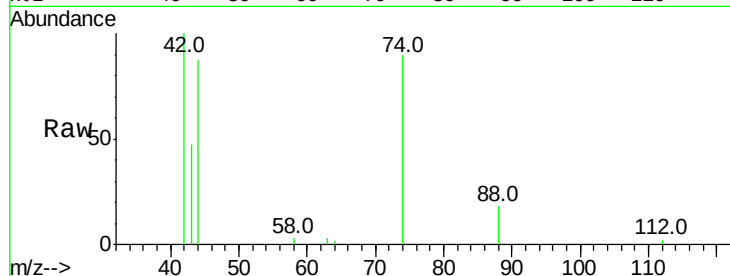


#3

n-Nitrosodimethylamine
 Concen: 1.11 ng
 RT: 3.37 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BE090979.D
 Acq: 30 Sep 2015 15:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

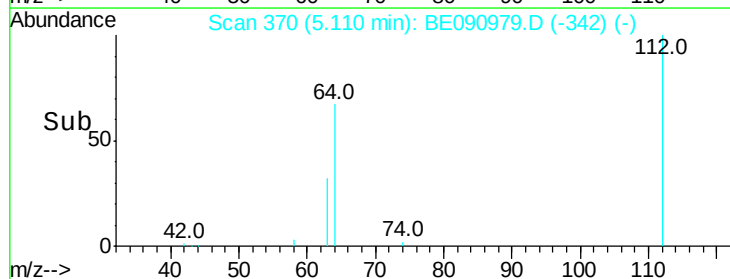
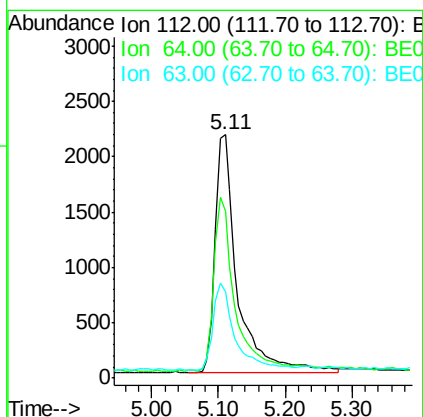
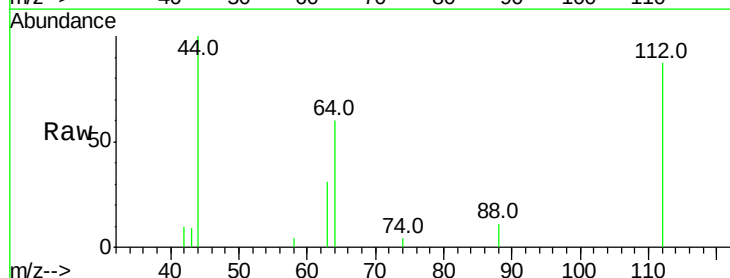
Tot Ion: 42 Resp: 4772
 Ion Ratio Lower Upper
 42 100
 74 111.8 87.9 131.9
 44 8.9 6.6 9.8

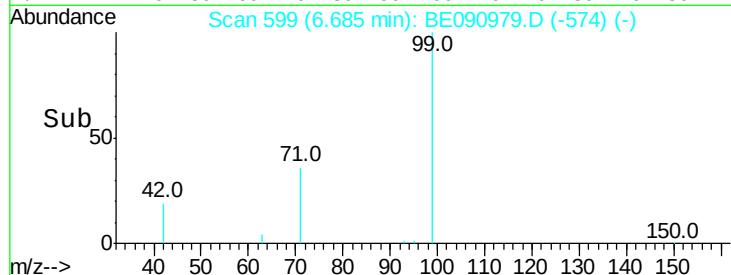
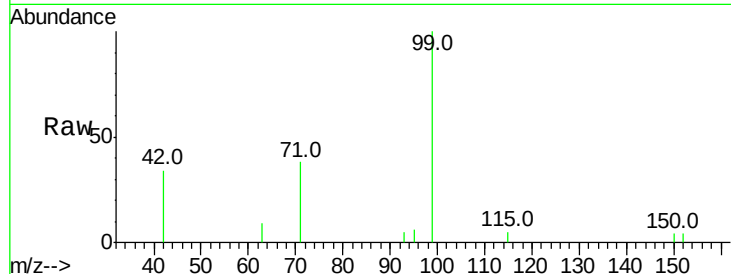
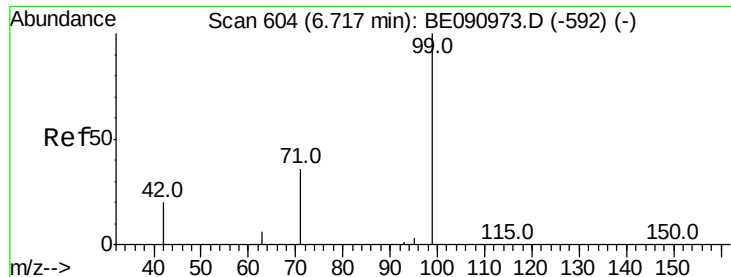


#4

2-Fluorophenol
 Concen: 0.98 ng
 RT: 5.11 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: BE090979.D
 Acq: 30 Sep 2015 15:17

Tgt Ion: 112 Resp: 4954
 Ion Ratio Lower Upper
 112 100
 64 71.3 30.9 46.3#
 63 35.7 16.7 25.1#

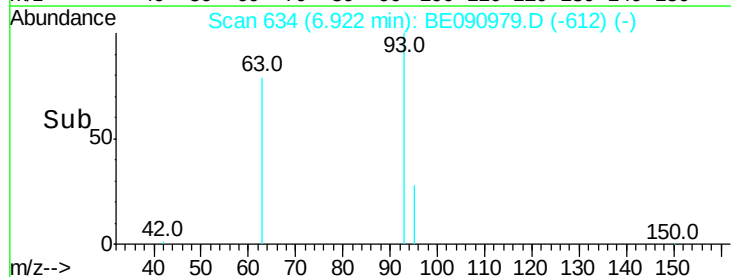
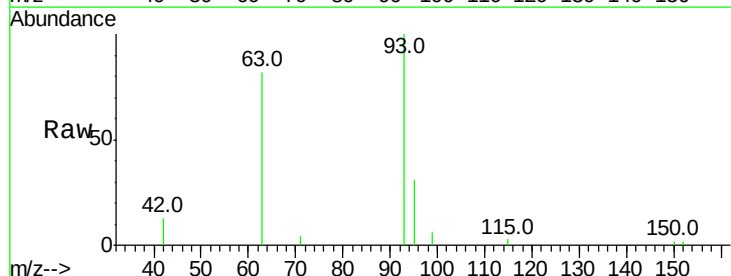
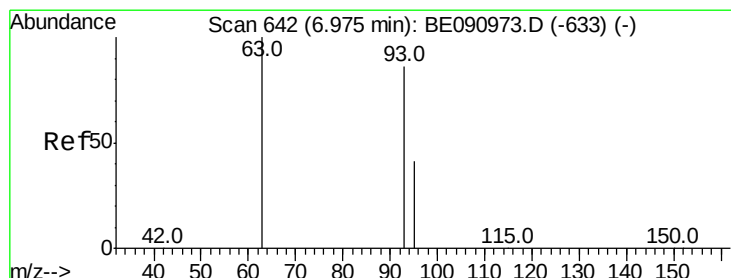
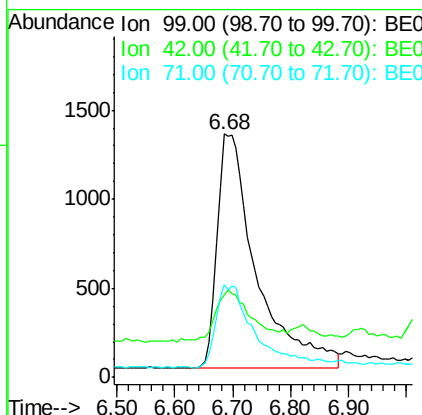




#5
Phenol-d6
Concen: 0.92 ng
RT: 6.68 min Scan# 599
Delta R.T. -0.03 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

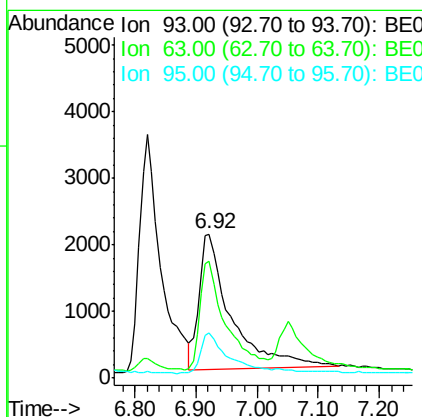
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

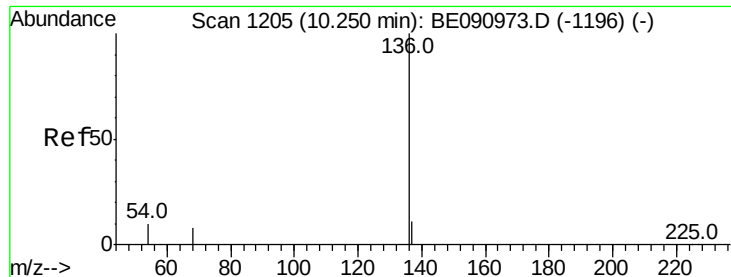
Tot Ion: 99 Resp: 6254
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.2
71 35.6 29.0 43.4



#6
bis(2-Chloroethyl)ether
Concen: 1.06 ng
RT: 6.92 min Scan# 634
Delta R.T. -0.05 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

Tgt Ion: 93 Resp: 7430
Ion Ratio Lower Upper
93 100
63 64.6 49.5 74.3
95 28.2 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: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 119059

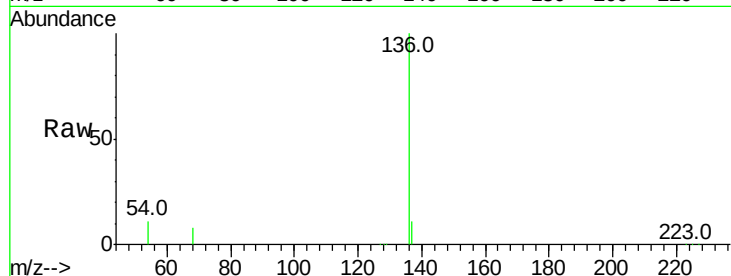
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.8 8.2 12.4

68 8.1 6.2 9.4

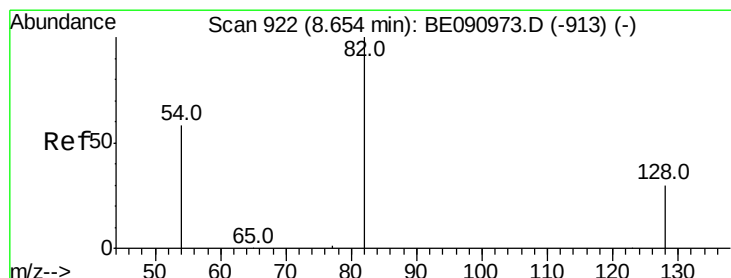
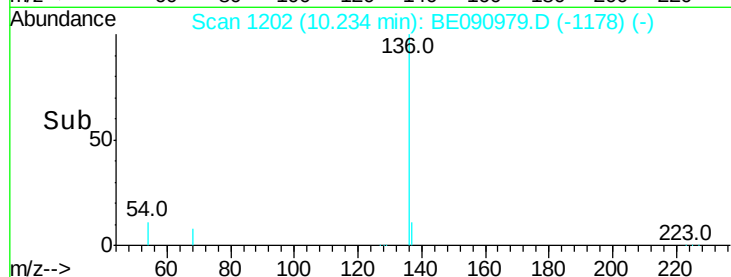
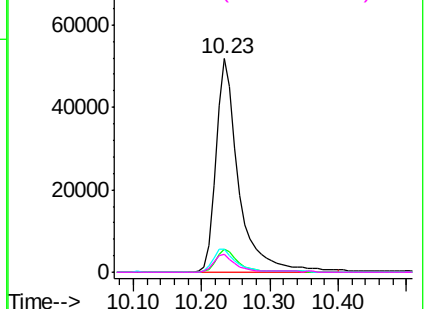


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.96 ng

RT: 8.64 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

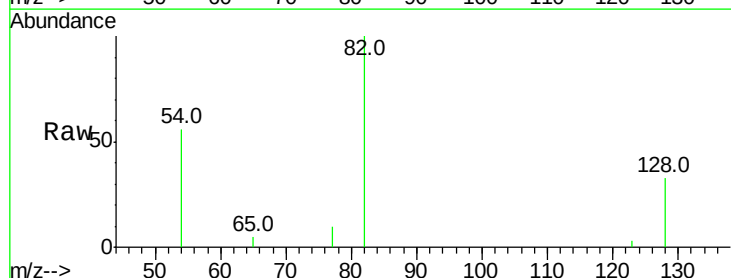
Tgt Ion: 82 Resp: 6318

Ion Ratio Lower Upper

82 100

128 33.4 25.4 38.0

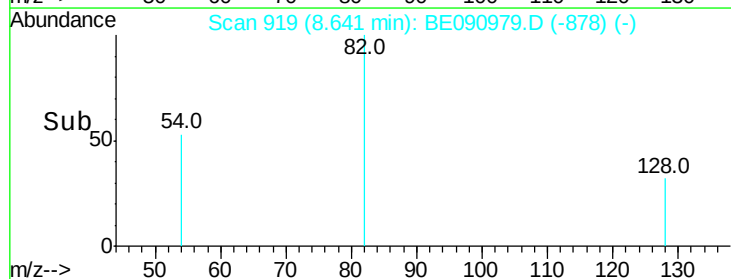
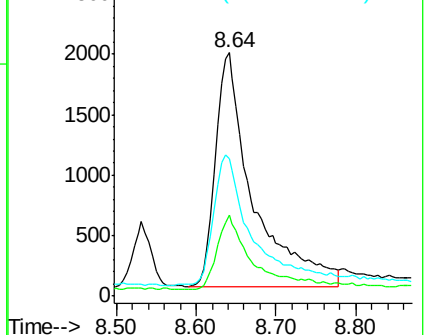
54 56.5 48.4 72.6

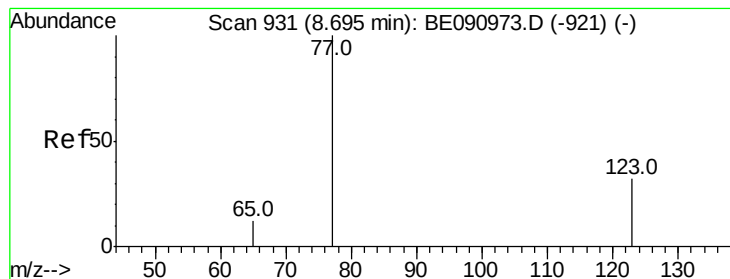


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.01 ng

RT: 8.68 min Scan# 928

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

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ClientSampleId :

SSTDCCC001

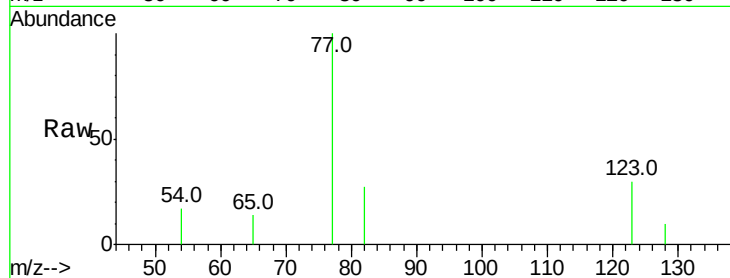
Tot Ion: 77 Resp: 6894

Ion Ratio Lower Upper

77 100

123 32.0 26.9 40.3

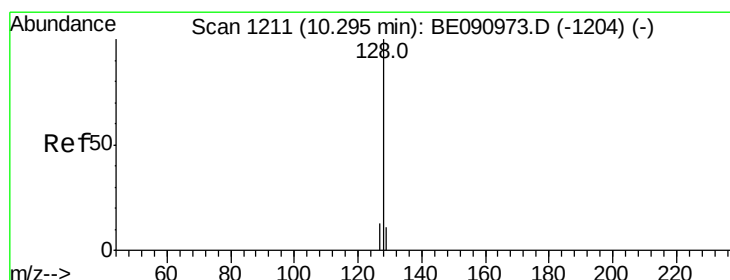
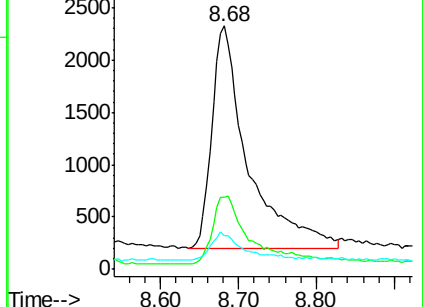
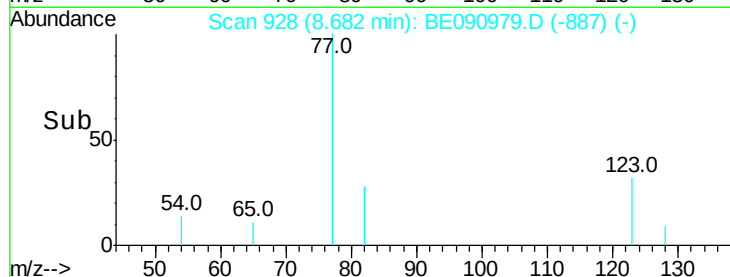
65 10.1 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE090979.D (-921) (-)

Ion 123.00 (122.70 to 123.70): BE090979.D (-921) (-)

Ion 65.00 (64.70 to 65.70): BE090979.D (-921) (-)



#10

Naphthalene

Concen: 0.99 ng

RT: 10.28 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

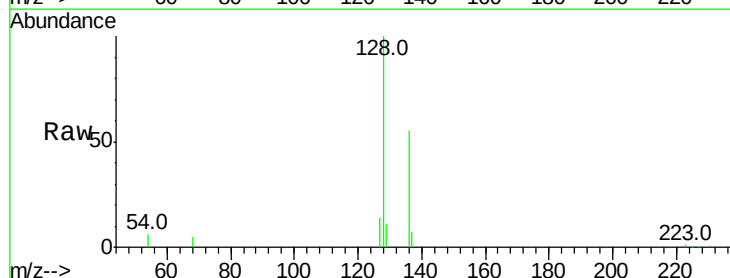
Tgt Ion: 128 Resp: 24195

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

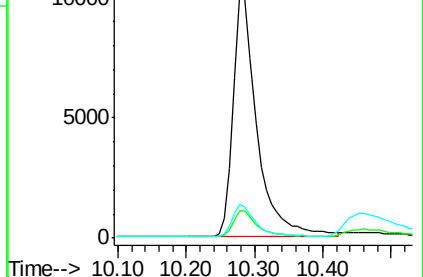
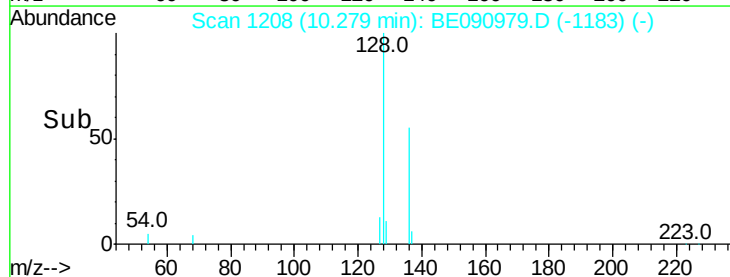
127 13.7 10.7 16.1

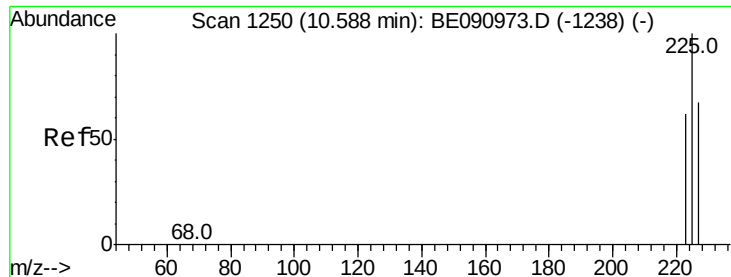


Abundance Ion 128.00 (127.70 to 128.70): BE090979.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090979.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090979.D (-1204) (-)

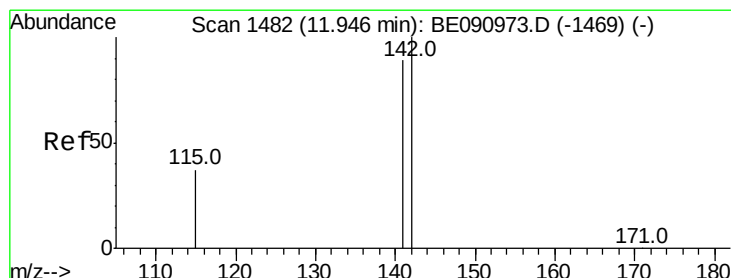
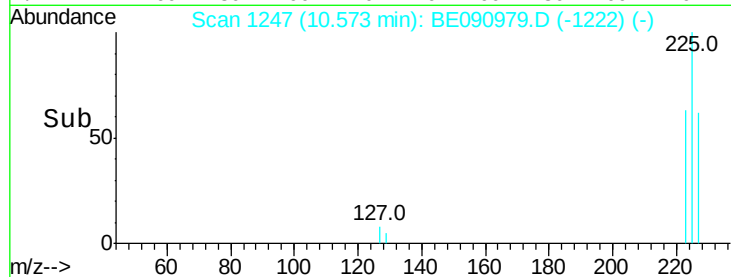
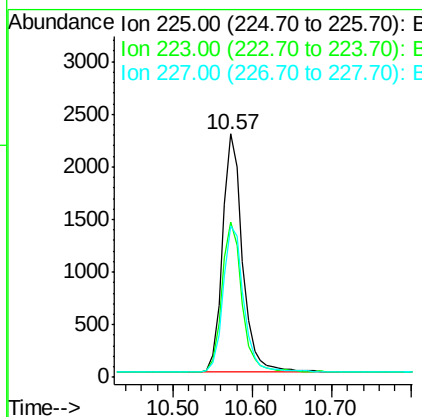
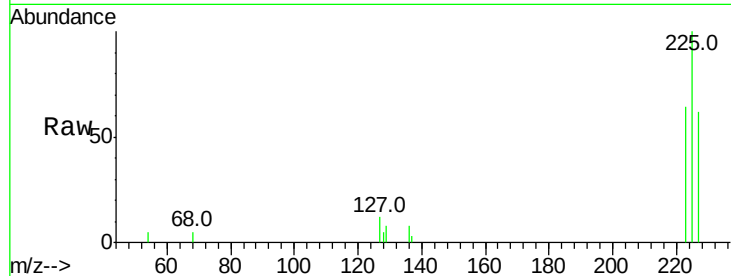




#11
Hexachlorobutadiene
Concen: 0.97 ng
RT: 10.57 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

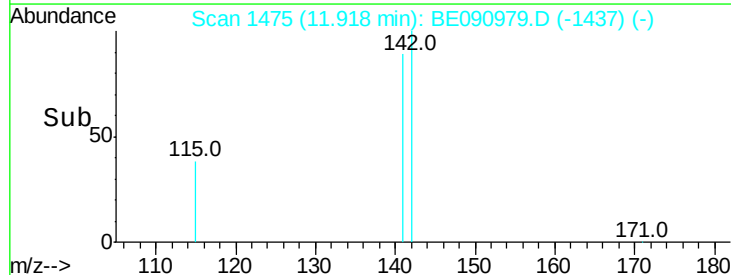
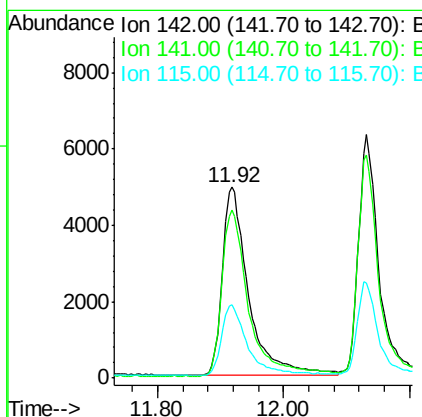
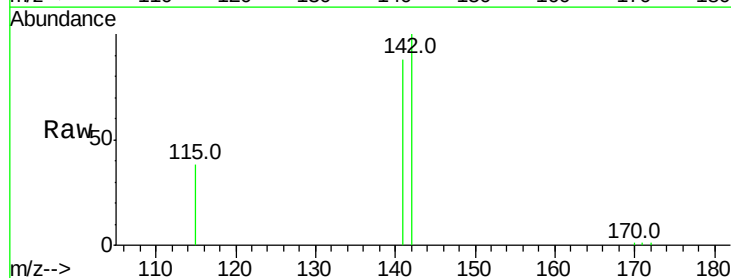
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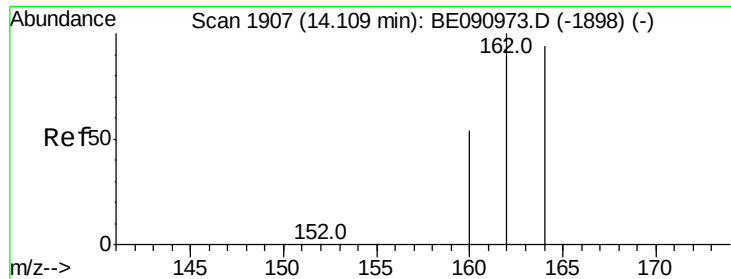
Tot Ion:225 Resp: 3989
Ion Ratio Lower Upper
225 100
223 63.8 49.0 73.6
227 63.4 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.95 ng
RT: 11.92 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

Tgt Ion:142 Resp: 14309
Ion Ratio Lower Upper
142 100
141 88.0 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: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

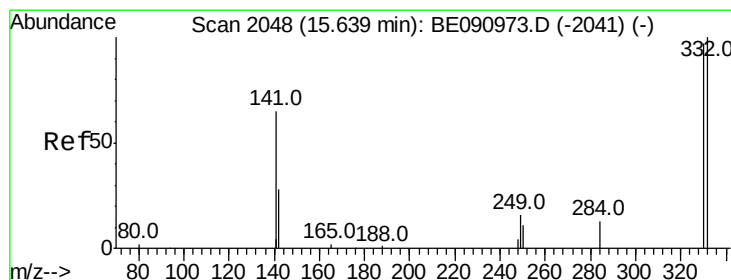
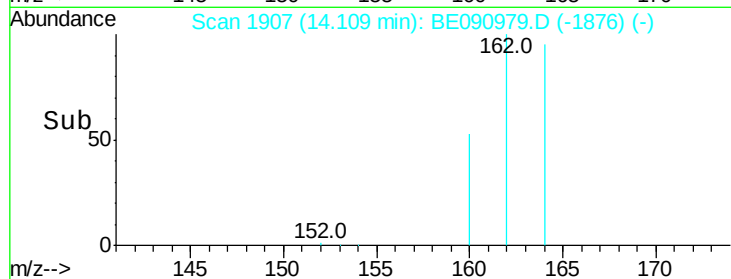
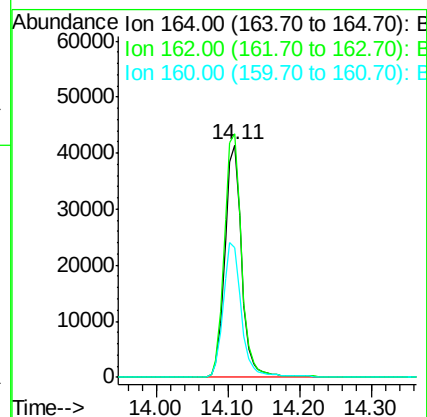
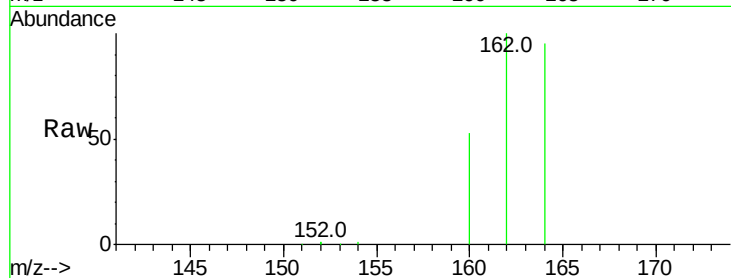
Tot Ion:164 Resp: 67069

Ion Ratio Lower Upper

164 100

162 104.8 85.3 127.9

160 55.6 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 0.99 ng

RT: 15.62 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

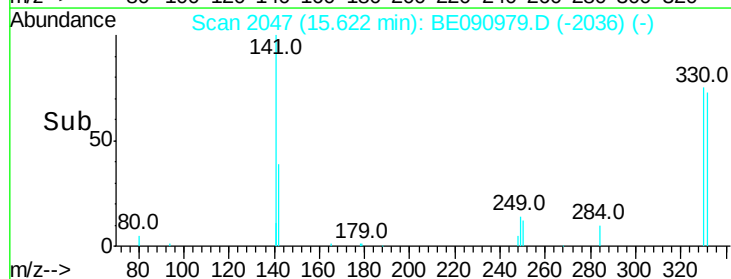
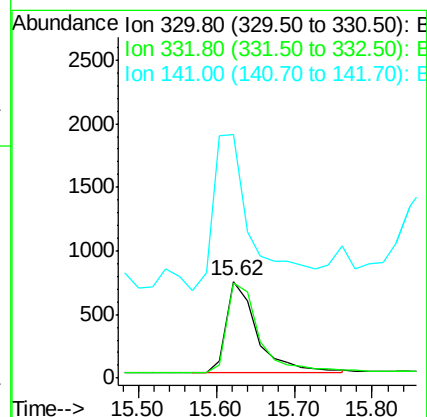
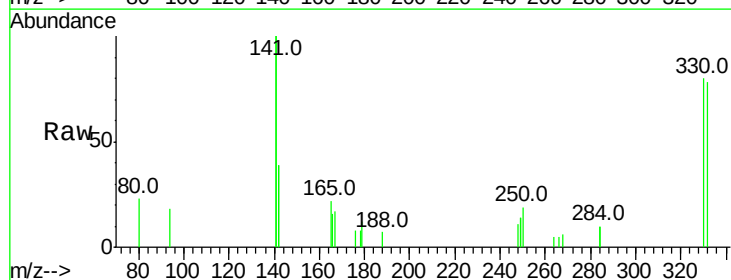
Tgt Ion:330 Resp: 1953

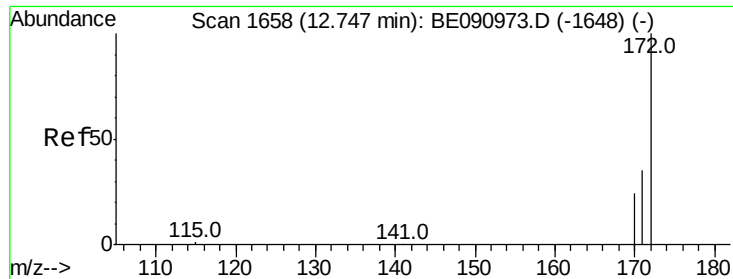
Ion Ratio Lower Upper

330 100

332 104.0 79.1 118.7

141 221.0 125.4 188.0#

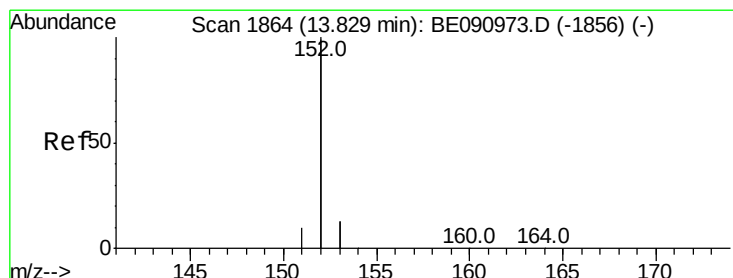
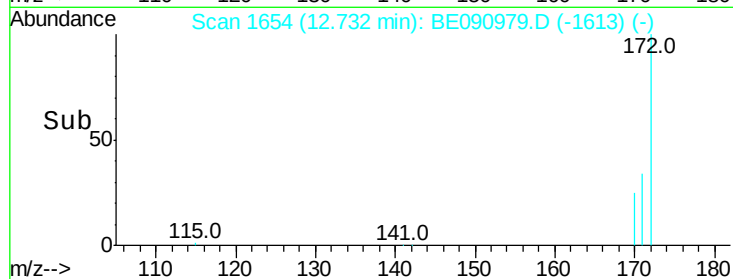
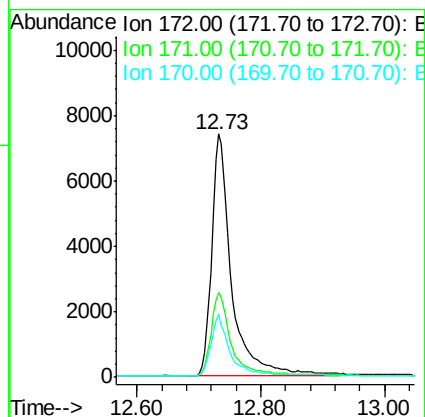
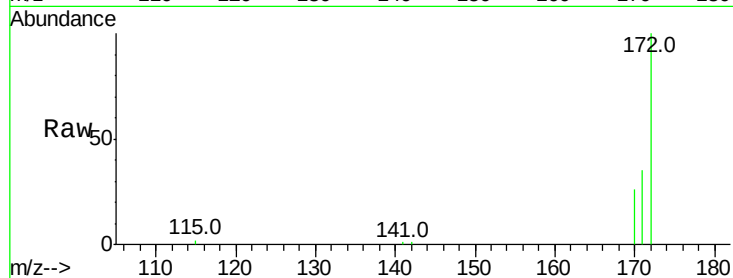




#15
2-Fluorobiphenyl
Concen: 0.91 ng
RT: 12.73 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

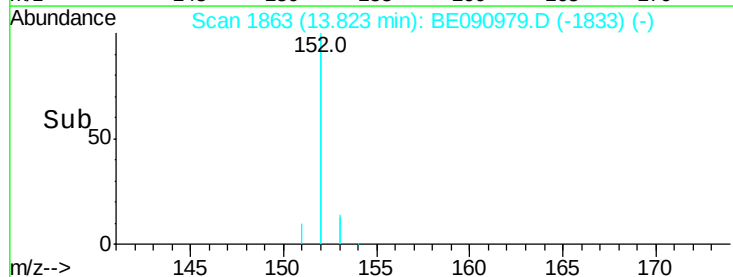
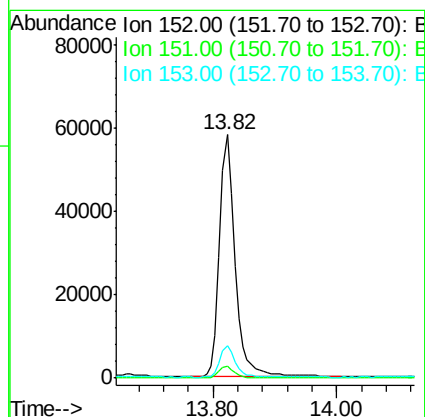
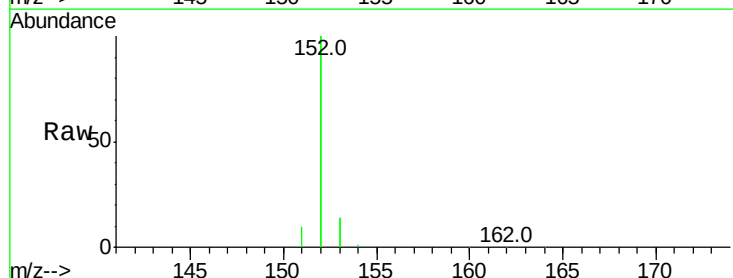
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

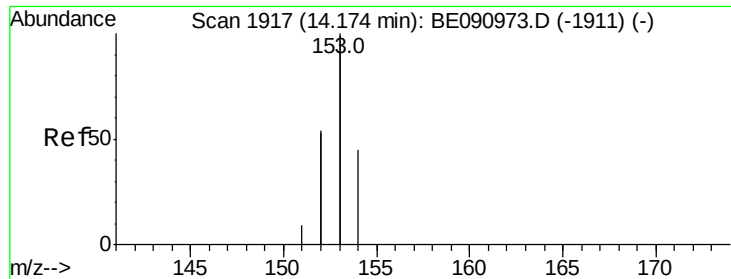
Tot Ion:172 Resp: 16497
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 25.9 19.3 28.9



#16
Acenaphthylene
Concen: 0.90 ng
RT: 13.82 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

Tgt Ion:152 Resp: 101271
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.95 ng

RT: 14.17 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

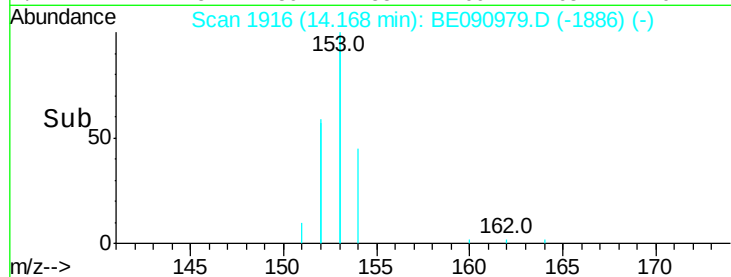
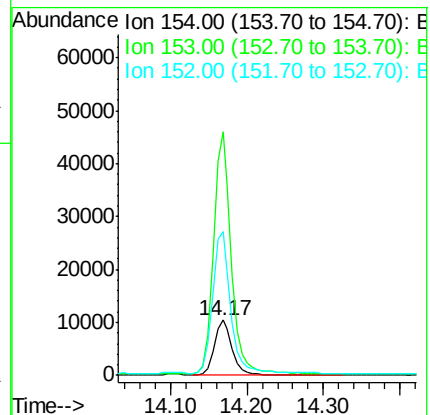
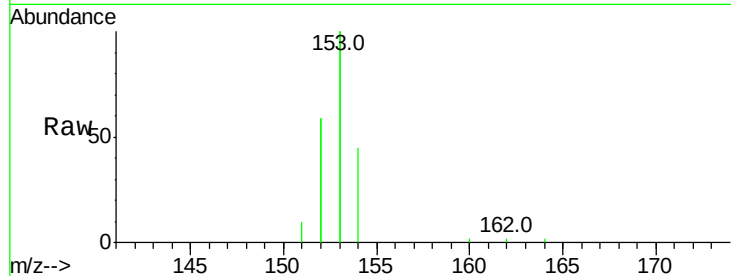
Tot Ion:154 Resp: 16988

Ion Ratio Lower Upper

154 100

153 437.1 352.0 528.0

152 263.5 200.0 300.0



#18

Fluorene

Concen: 1.01 ng

RT: 15.17 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

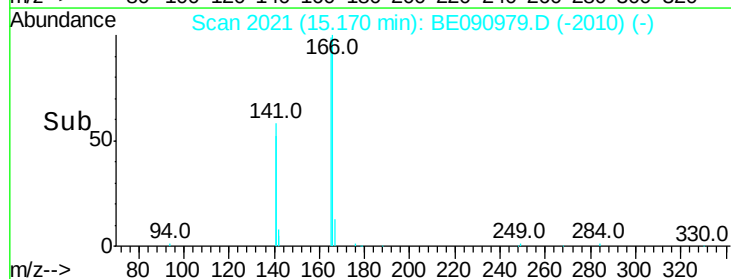
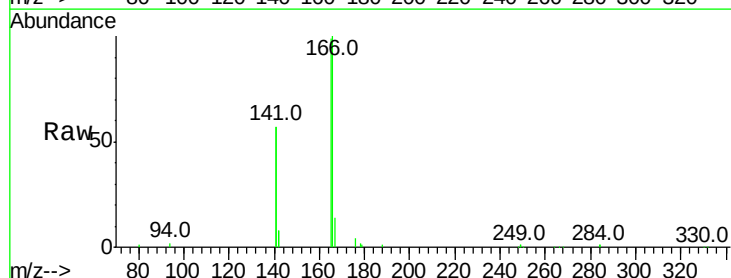
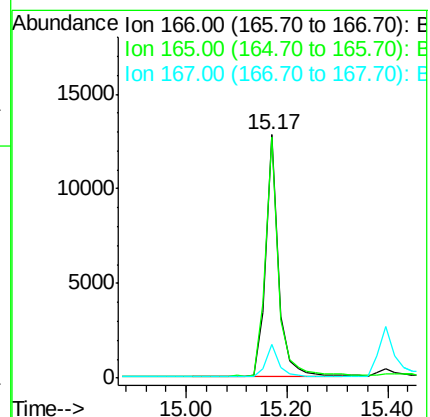
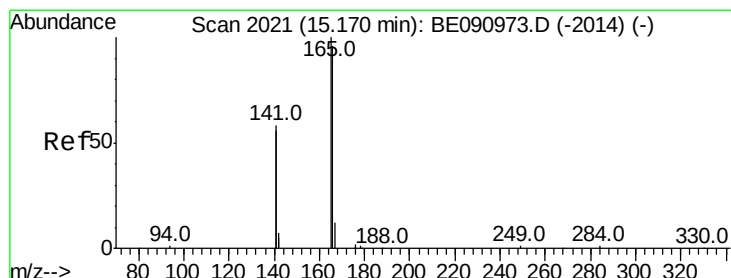
Tgt Ion:166 Resp: 22317

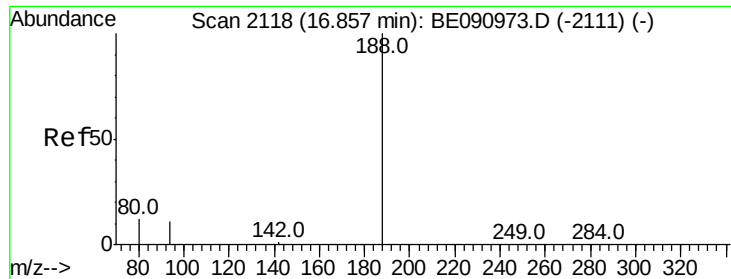
Ion Ratio Lower Upper

166 100

165 102.0 80.8 121.2

167 14.9 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.86 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

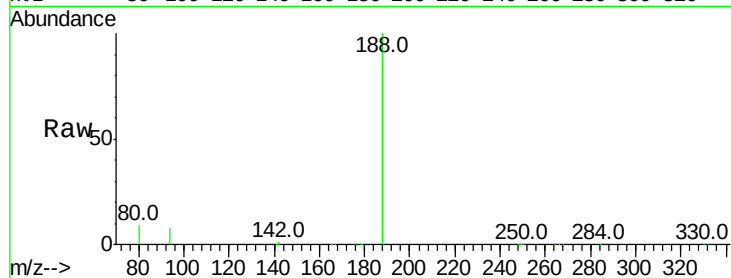
Tot Ion:188 Resp: 177868

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

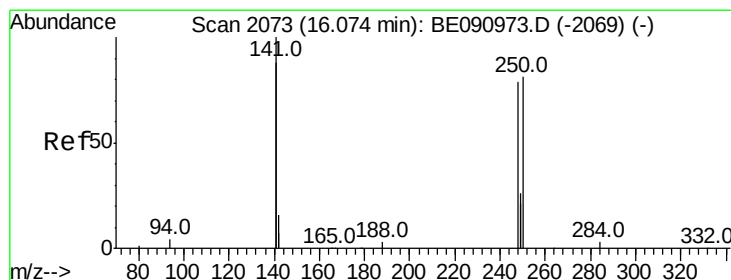
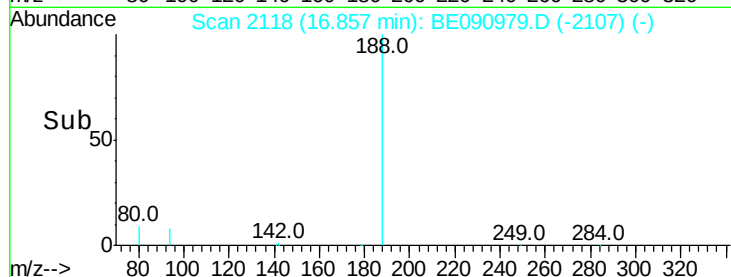
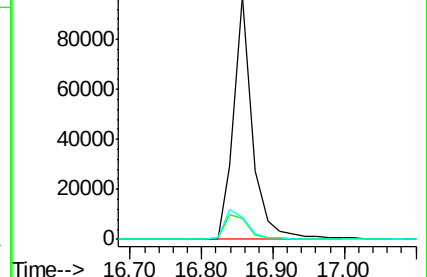
80 9.0 9.4 14.0#



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: 0.90 ng

RT: 16.06 min Scan# 2072

Delta R.T. -0.02 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

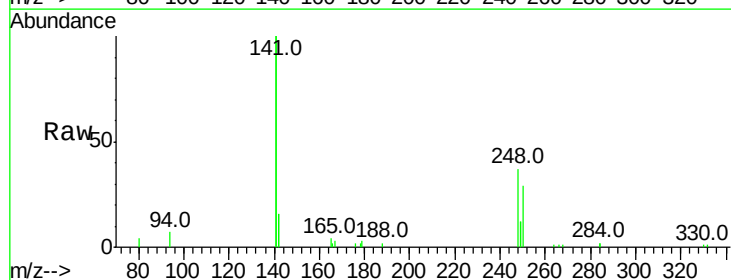
Tgt Ion:248 Resp: 6068

Ion Ratio Lower Upper

248 100

250 92.6 80.5 120.7

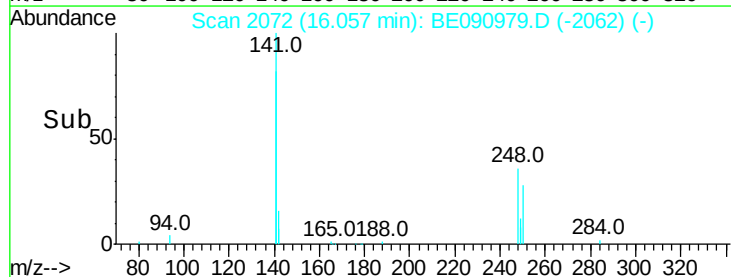
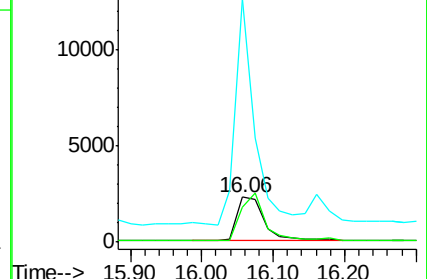
141 358.1 261.9 392.9

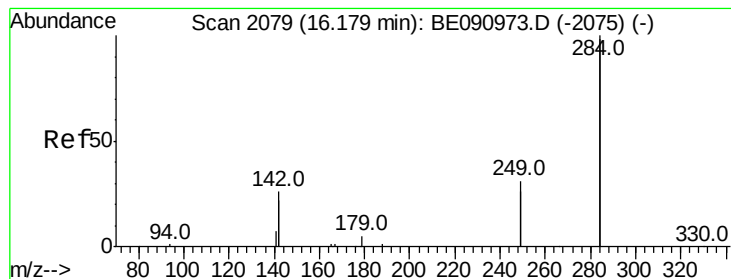


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.92 ng

RT: 16.18 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

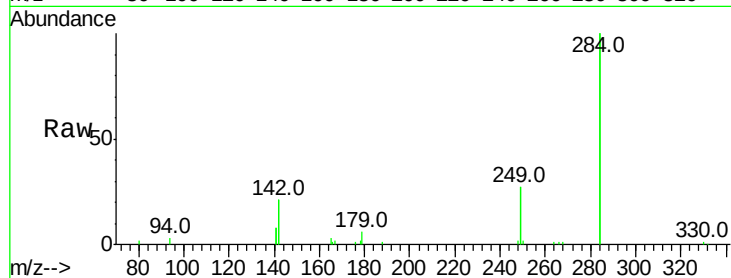
Tot Ion:284 Resp: 30657

Ion Ratio Lower Upper

284 100

142 41.6 32.2 48.2

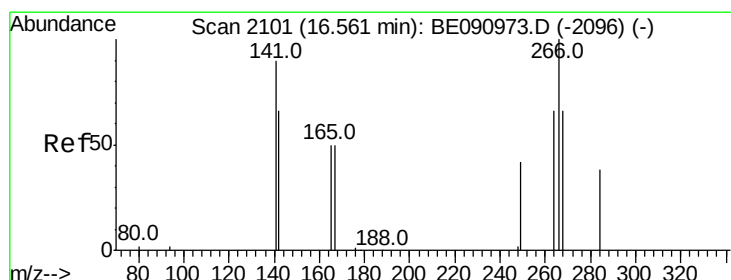
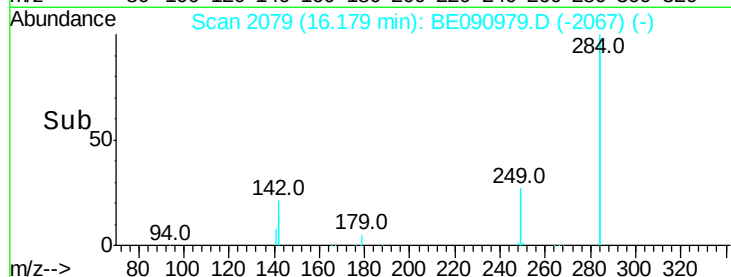
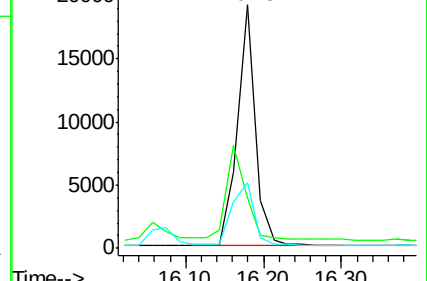
249 31.5 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.99 ng

RT: 16.56 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

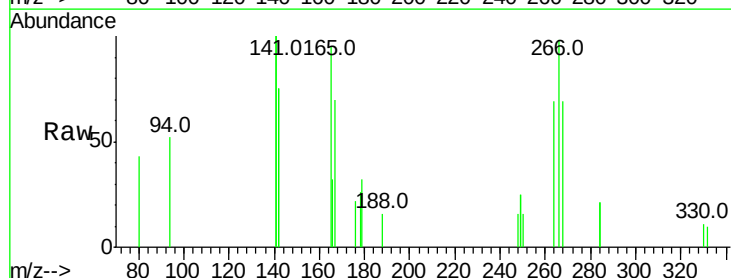
Tgt Ion:266 Resp: 1925

Ion Ratio Lower Upper

266 100

268 70.4 58.2 87.2

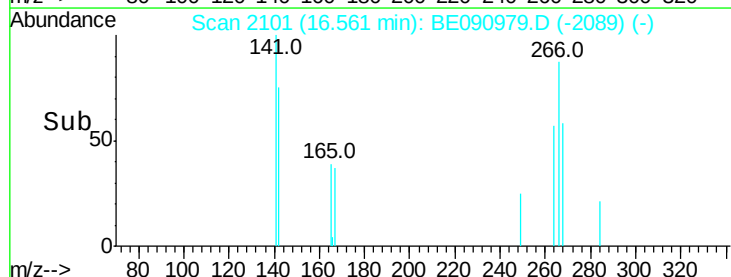
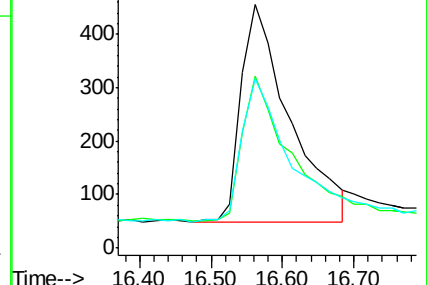
264 69.7 56.2 84.4

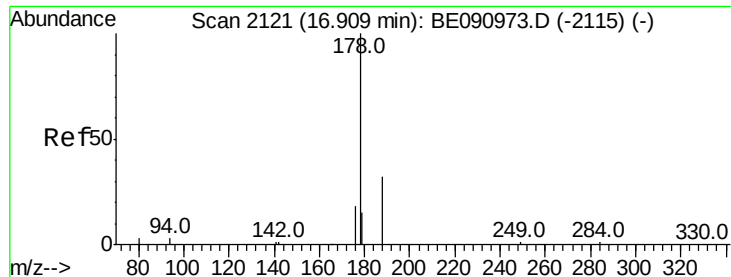


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.96 ng

RT: 16.89 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

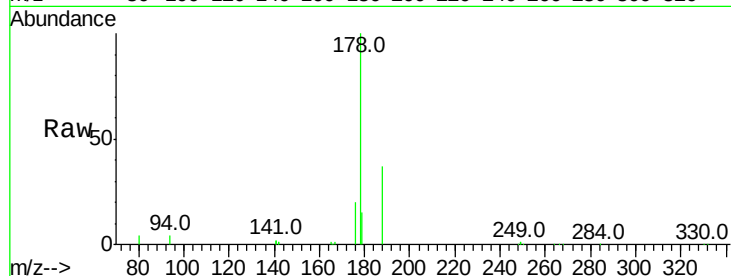
BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:178 Resp: 40993

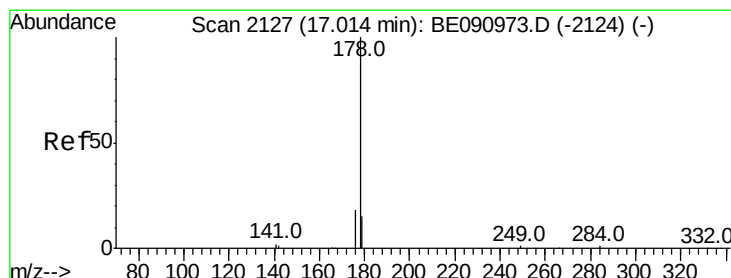
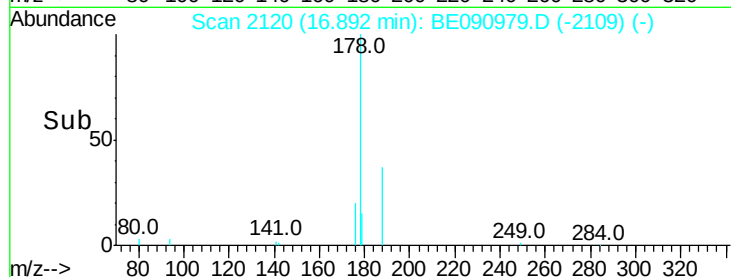
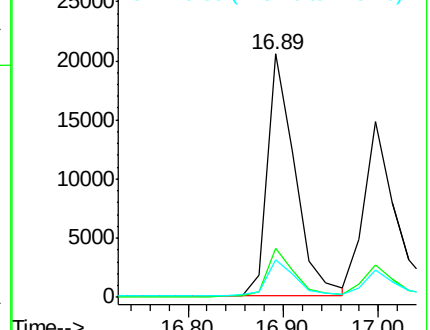
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.6	18.8



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: 0.89 ng

RT: 17.00 min Scan# 2126

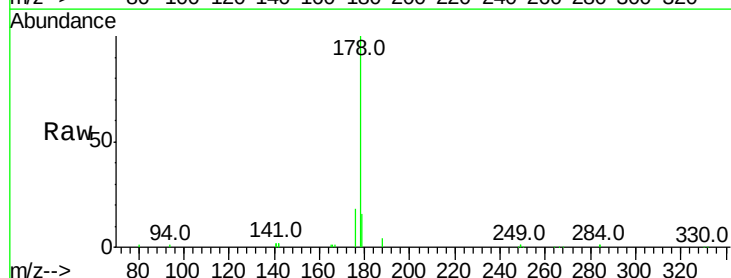
Delta R.T. -0.02 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Tgt Ion:178 Resp: 34098

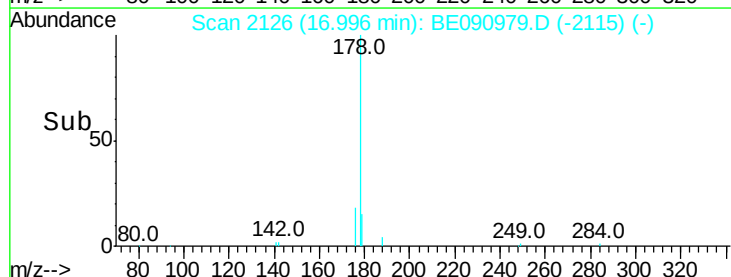
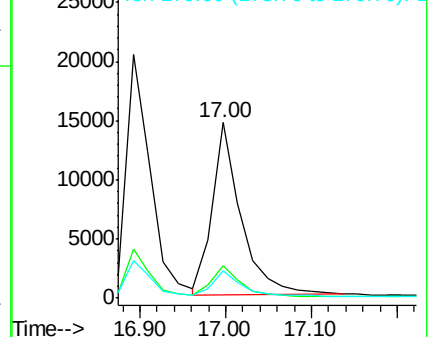
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.3	11.8	17.6

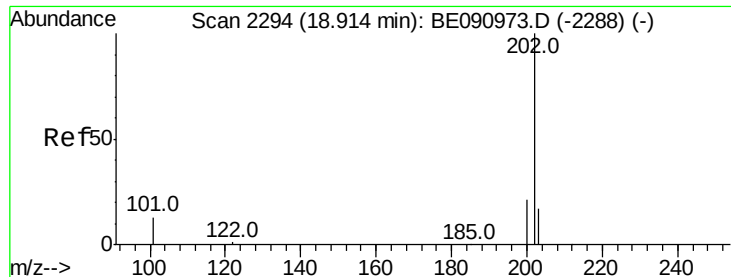


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.93 ng

RT: 18.91 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

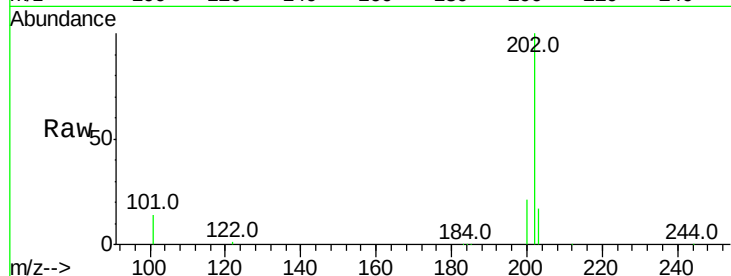
Tot Ion:202 Resp: 44566

Ion Ratio Lower Upper

202 100

101 13.4 11.0 16.6

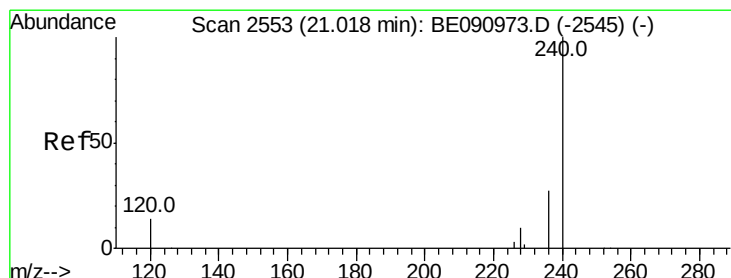
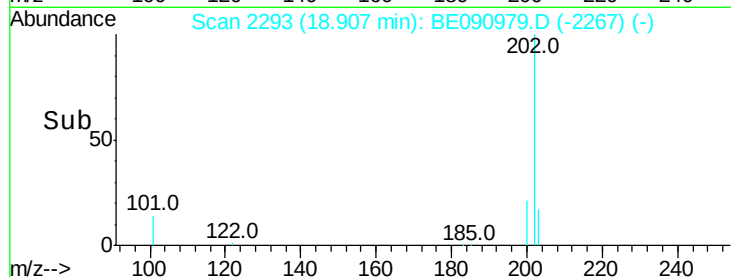
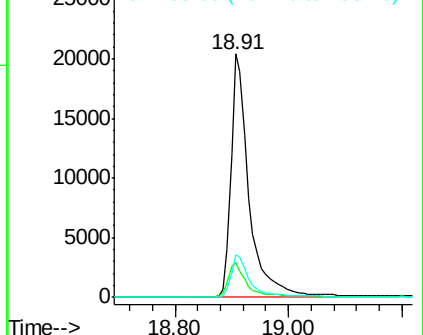
203 17.3 13.9 20.9



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: BE090979.D

Acq: 30 Sep 2015 15:17

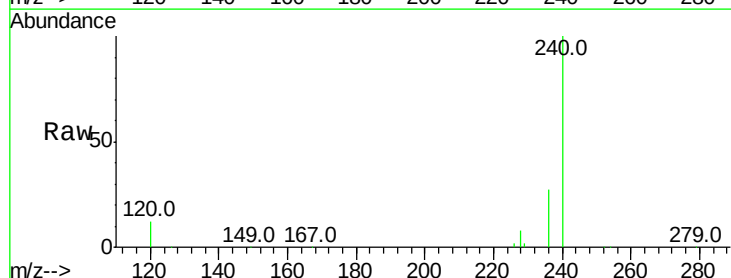
Tgt Ion:240 Resp: 226129

Ion Ratio Lower Upper

240 100

120 12.0 11.0 16.4

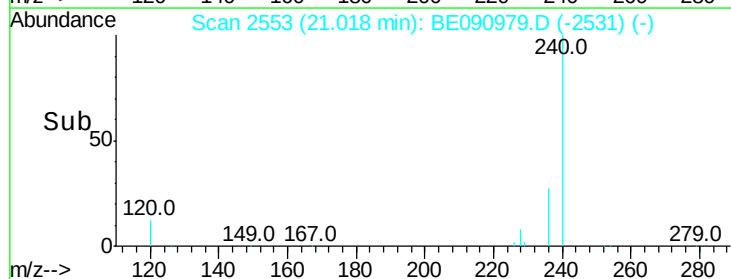
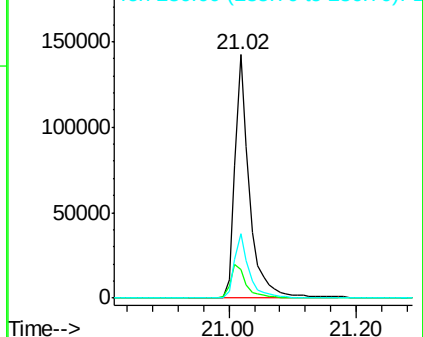
236 26.7 21.7 32.5

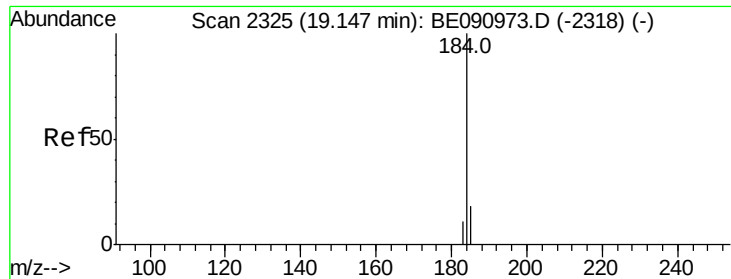


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.04 ng

RT: 19.14 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

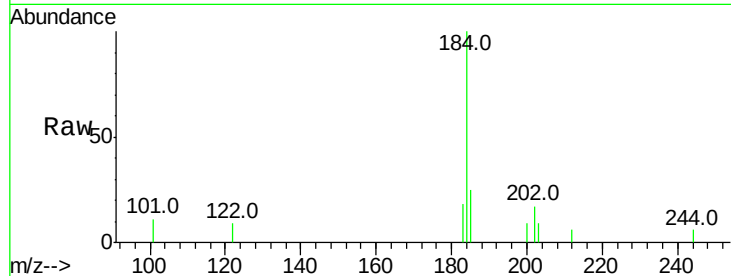
Tot Ion:184 Resp: 3414

Ion Ratio Lower Upper

184 100

185 24.9 22.3 33.5

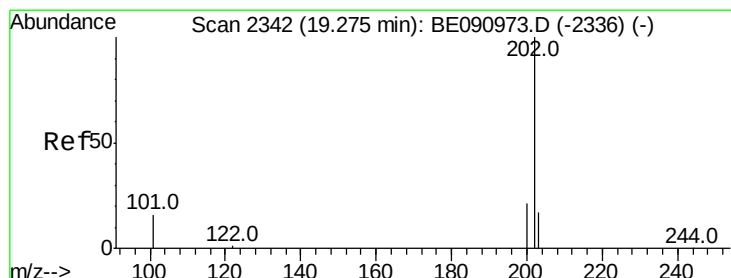
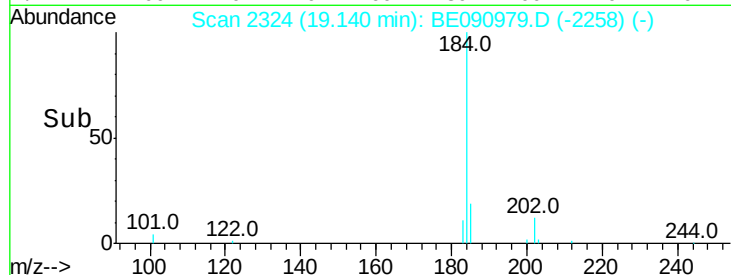
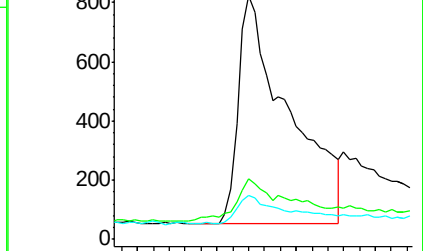
183 17.9 16.4 24.6



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: 0.89 ng

RT: 19.27 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

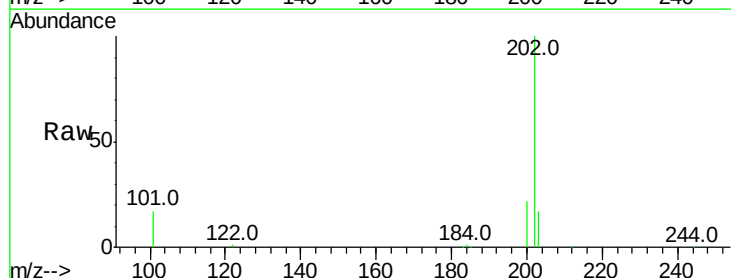
Tgt Ion:202 Resp: 46907

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

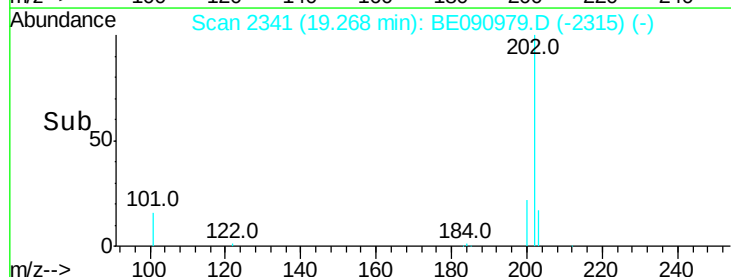
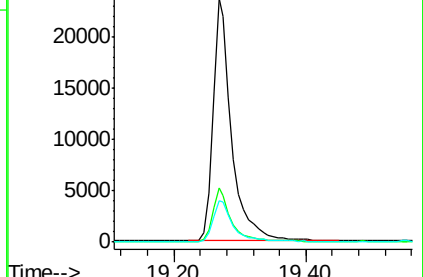
203 17.4 14.0 21.0

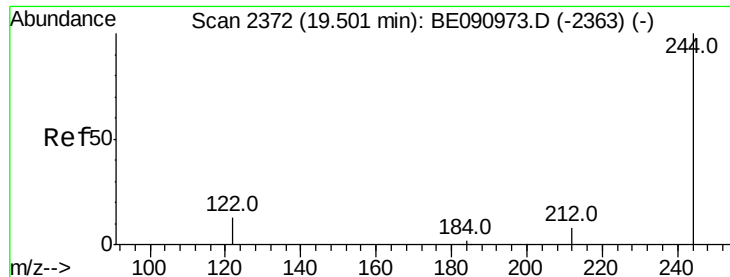


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.89 ng

RT: 19.49 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

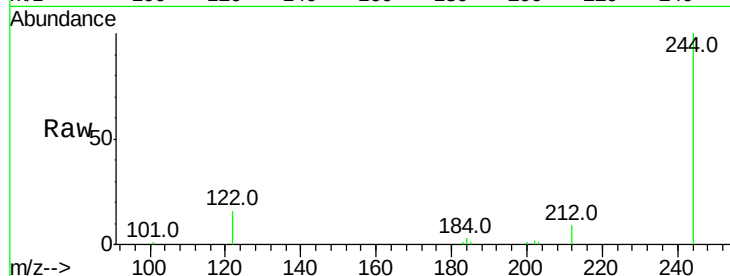
Tot Ion:244 Resp: 24193

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

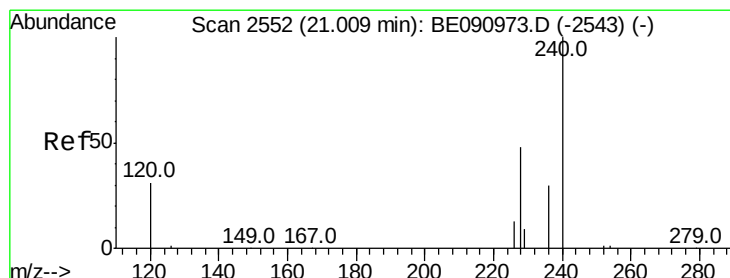
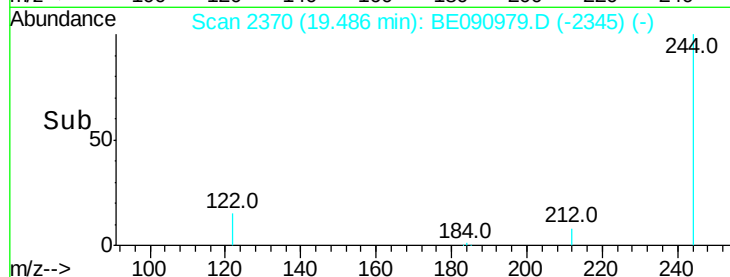
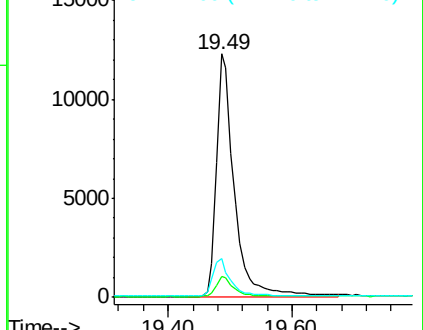
122 15.8 11.0 16.4



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: 0.89 ng

RT: 21.00 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

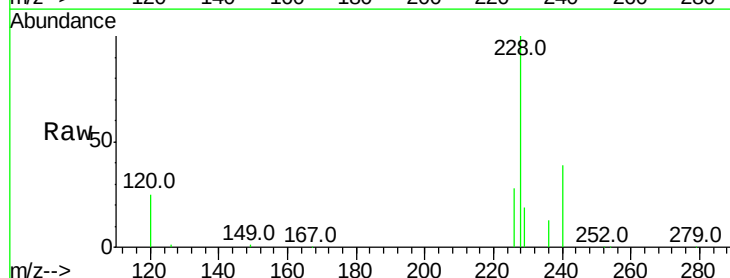
Tgt Ion:228 Resp: 44626

Ion Ratio Lower Upper

228 100

226 27.9 21.0 31.4

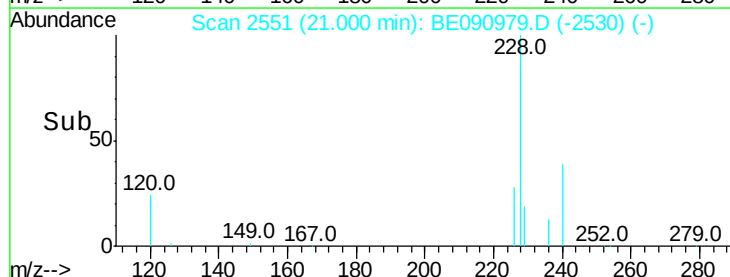
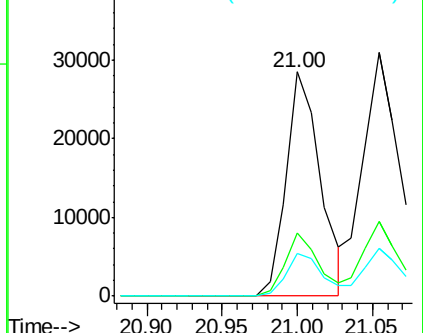
229 19.1 15.7 23.5

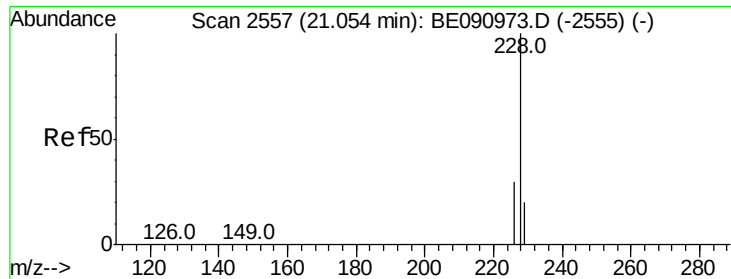


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Chrysene

Concen: 0.97 ng

RT: 21.05 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

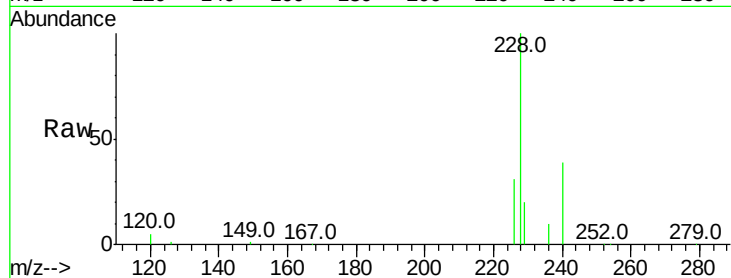
Tot Ion:228 Resp: 57957

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

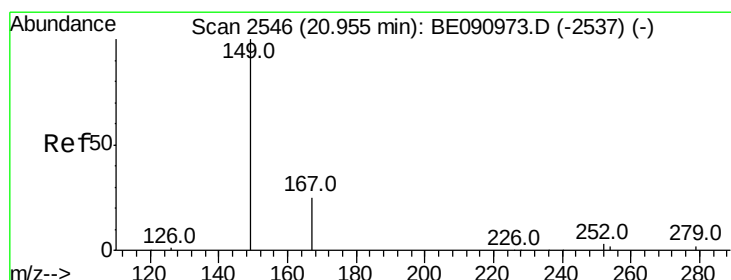
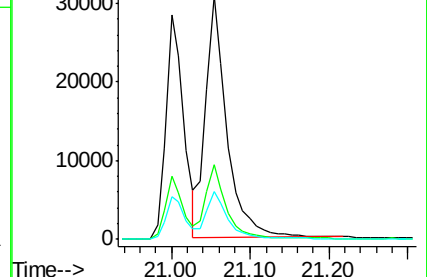
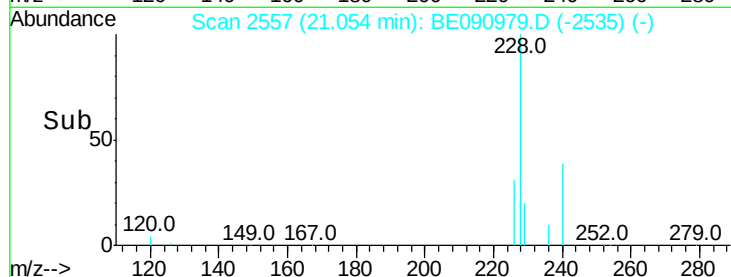
229 19.8 15.9 23.9



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: 0.84 ng

RT: 20.95 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

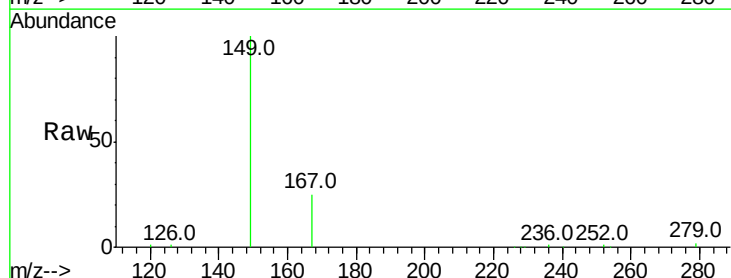
Tgt Ion:149 Resp: 13555

Ion Ratio Lower Upper

149 100

167 24.9 19.5 29.3

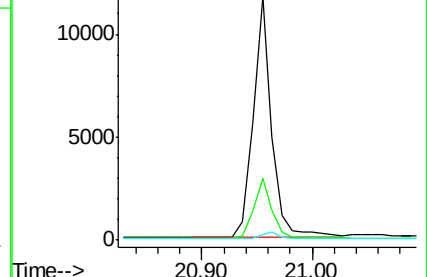
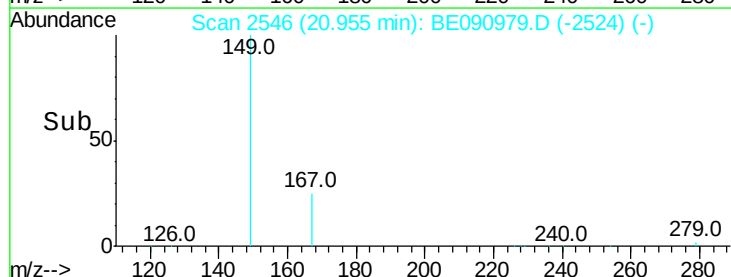
279 3.0 2.3 3.5

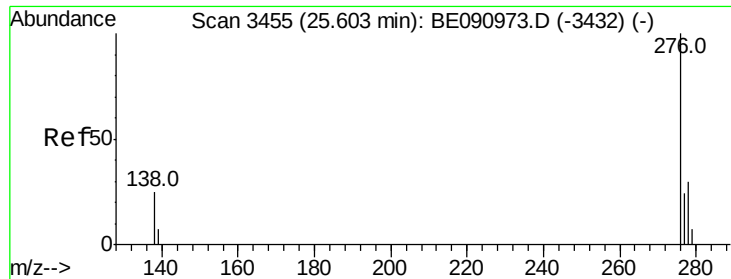


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

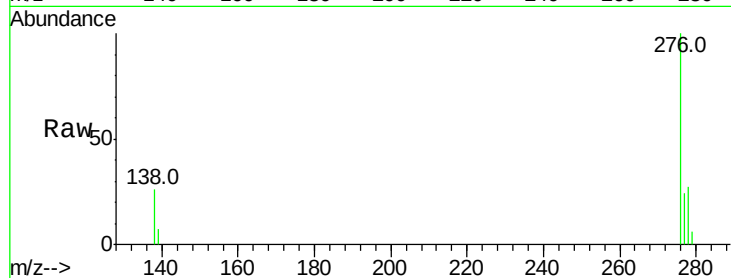




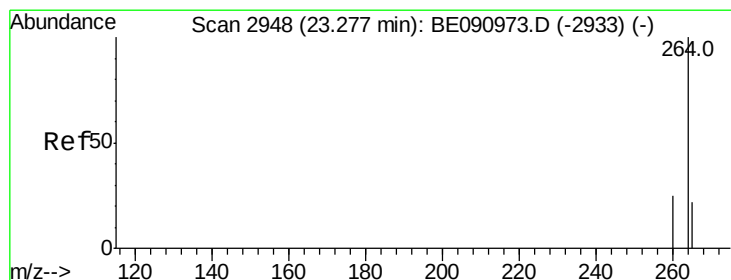
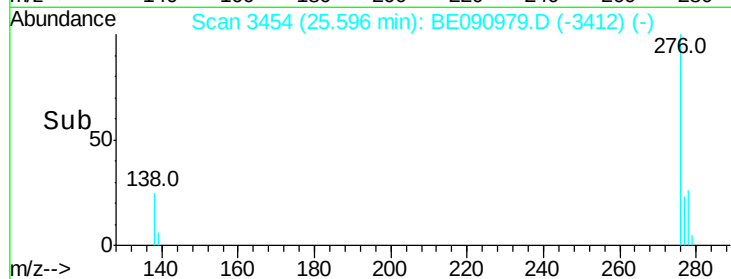
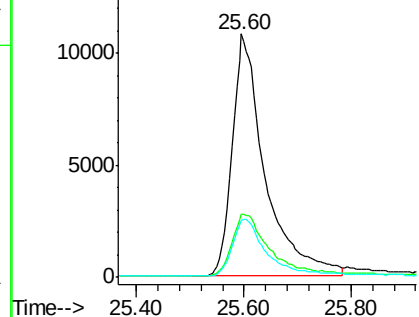
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 25.60 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:276 Resp: 46049
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.2
277 24.7 19.8 29.8

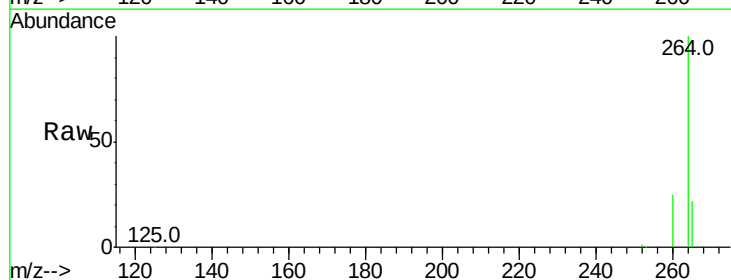


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

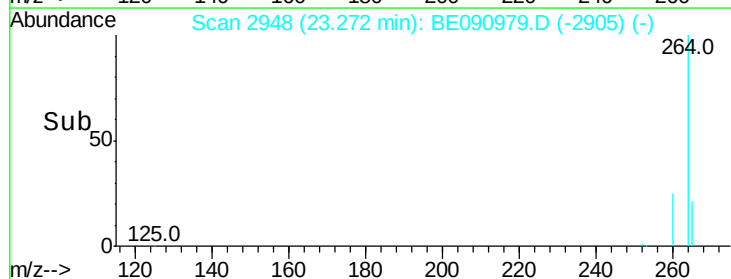
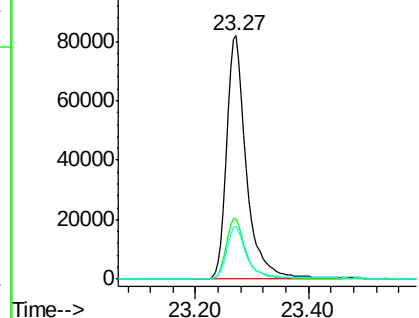


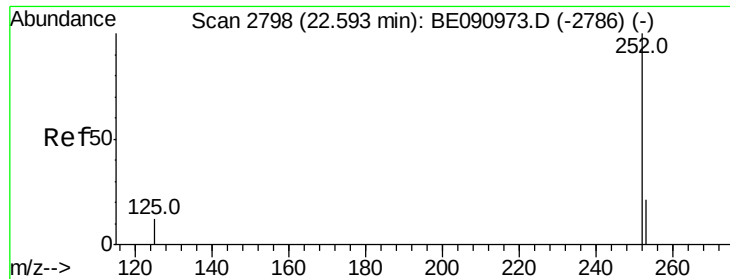
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.27 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BE090979.D
Acq: 30 Sep 2015 15:17

Tgt Ion:264 Resp: 198777
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: 0.91 ng

RT: 22.59 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

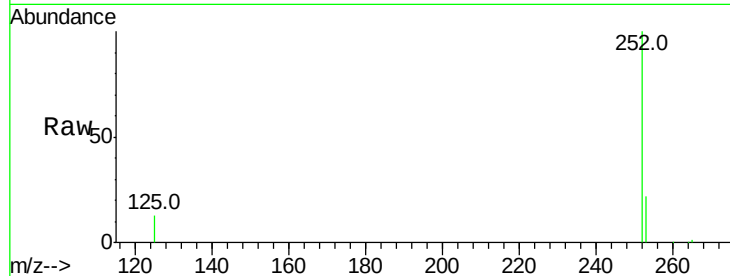
Tot Ion:252 Resp: 39669

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

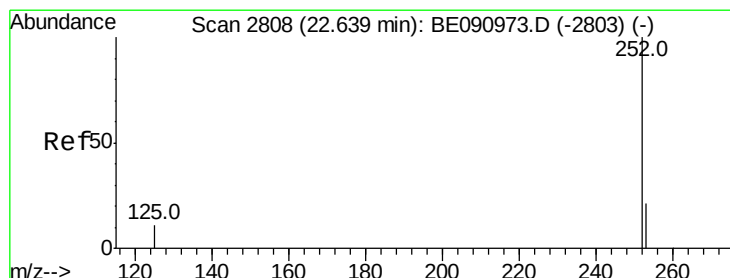
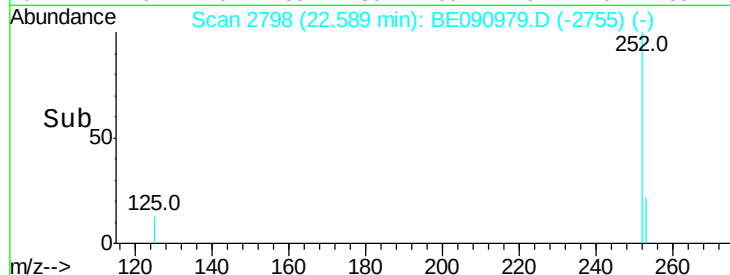
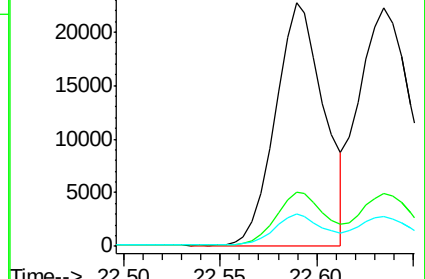
125 13.1 10.2 15.2



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: 0.88 ng

RT: 22.63 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

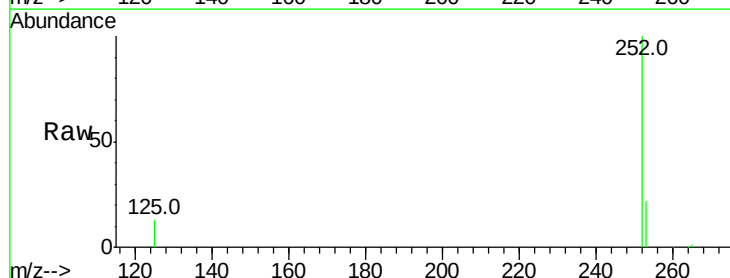
Tgt Ion:252 Resp: 50273

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

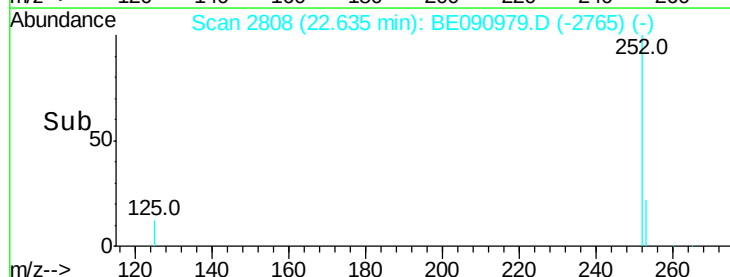
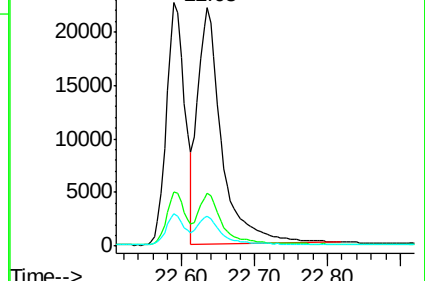
125 12.5 9.9 14.9

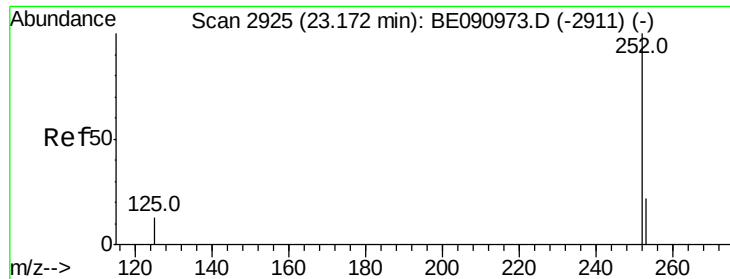


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.88 ng

RT: 23.17 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

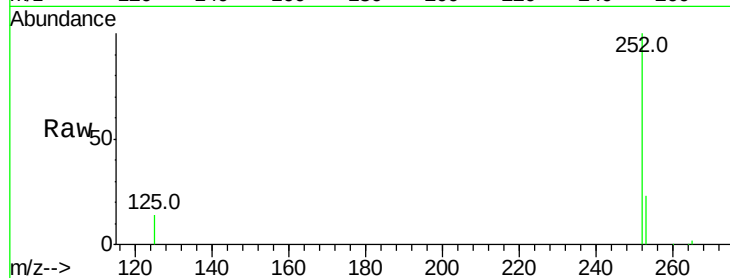
Tot Ion:252 Resp: 35753

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

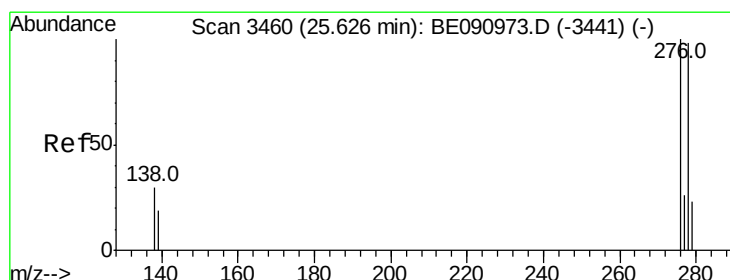
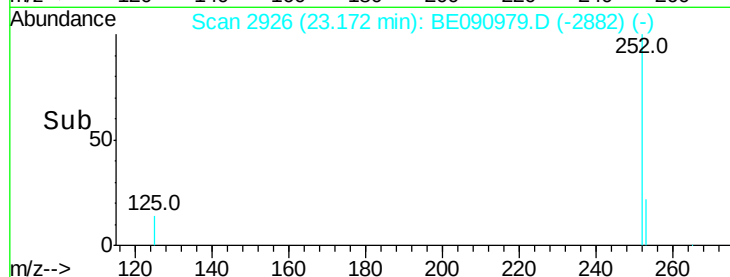
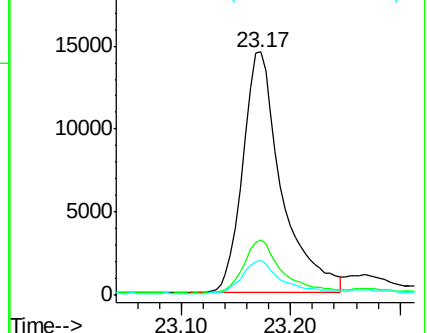
125 14.4 11.0 16.4



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: 0.87 ng

RT: 25.62 min Scan# 3460

Delta R.T. -0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

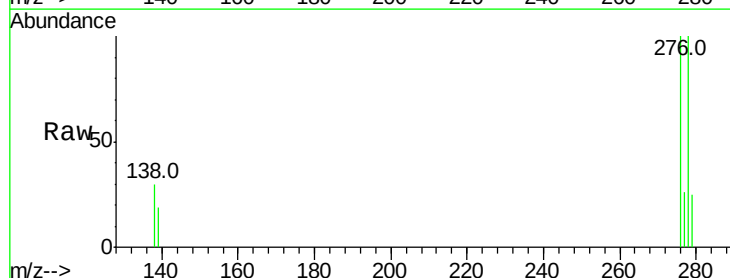
Tgt Ion:278 Resp: 34761

Ion Ratio Lower Upper

278 100

139 19.2 16.0 24.0

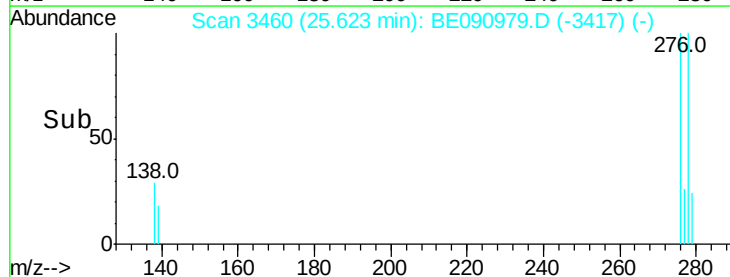
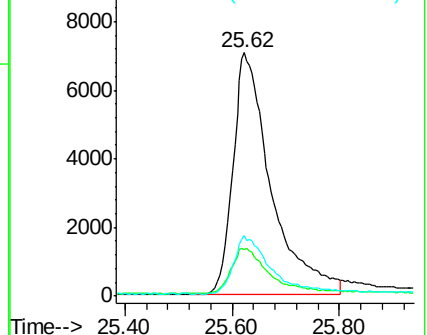
279 24.8 19.4 29.2

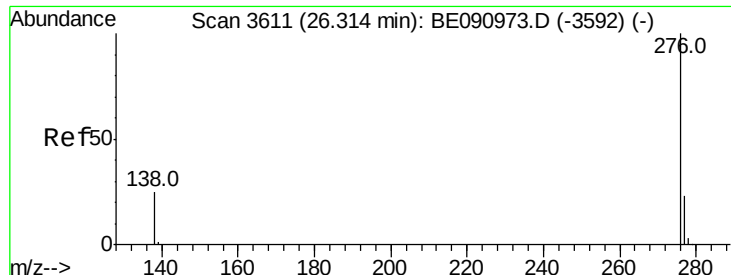


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(a,h,i)perylene

Concen: 0.90 ng

RT: 26.31 min Scan# 3611

Delta R.T. -0.00 min

Lab File: BE090979.D

Acq: 30 Sep 2015 15:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

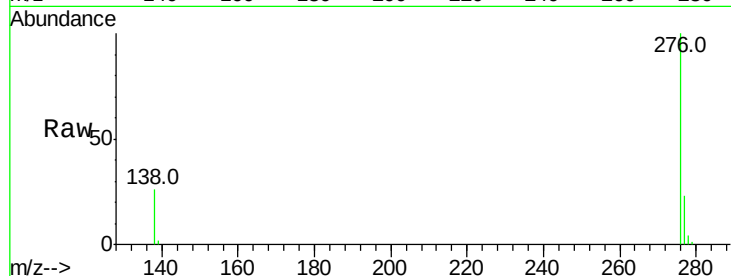
Tot Ion:276 Resp: 39045

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 25.7 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

