

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090728.D
 Acq On : 4 Sep 2015 14:00
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Sep 04 14:33:07 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	46612	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	217590	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	117343	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	276204	5.00	ng	0.00
25) Chrysene-d12	21.07	240	336636	5.00	ng	0.00
32) Perylene-d12	23.36	264	316965	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	10773	1.20	ng	0.00
5) Phenol-d6	6.75	99	15067	1.16	ng	0.00
7) Nitrobenzene-d5	8.70	82	14608	1.02	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	4058	1.31	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	32776	1.01	ng	0.00
27) Terphenyl-d14	19.53	244	43189	1.16	ng	0.00

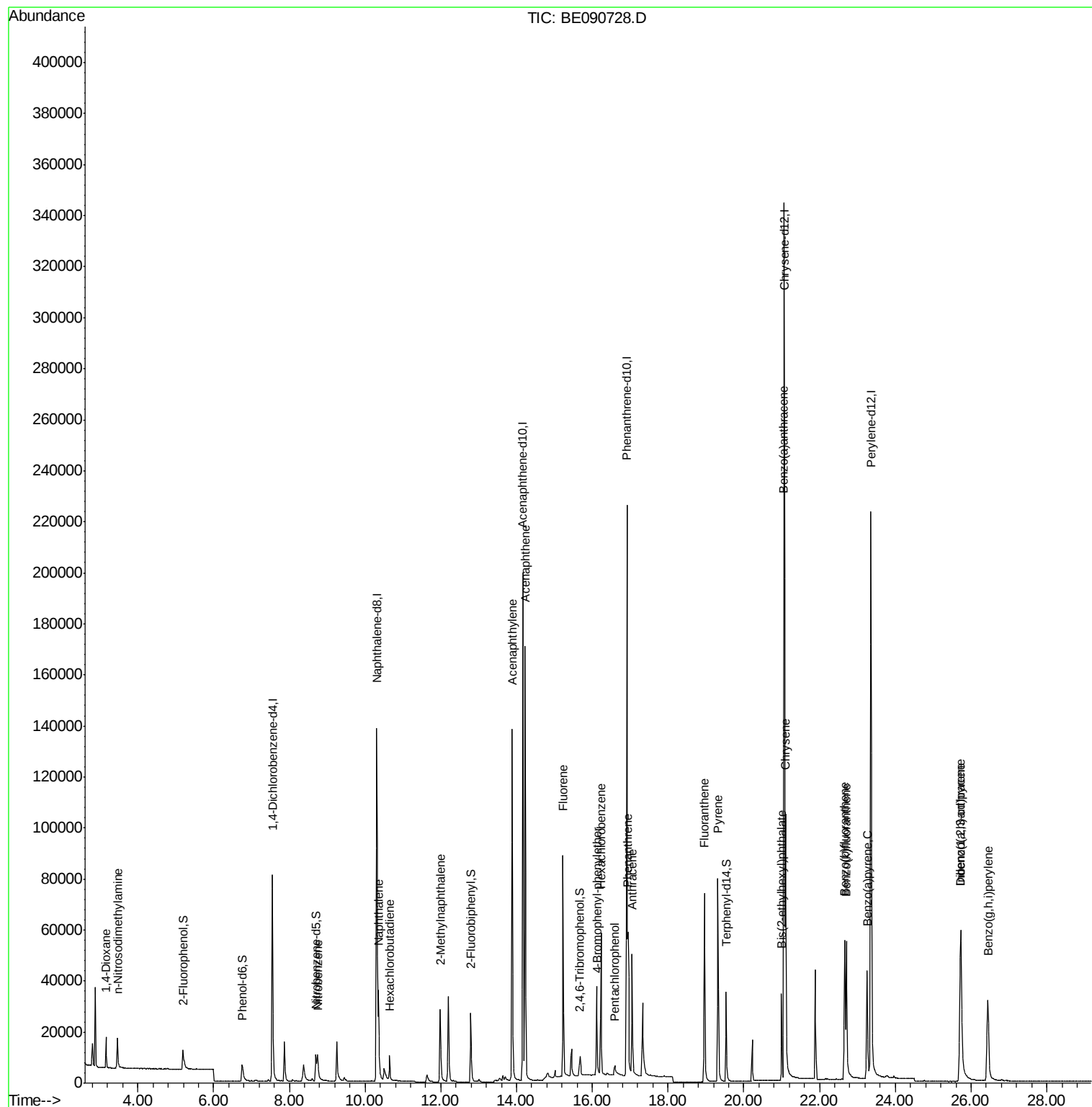
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	6778	0.97	ng	96
3) n-Nitrosodimethylamine	3.45	42	8318	0.94	ng	# 92
8) Nitrobenzene	8.74	77	15685	0.98	ng	99
9) Naphthalene	10.35	128	47560	1.00	ng	100
10) Hexachlorobutadiene	10.65	225	7068	0.95	ng	99
11) 2-Methylnaphthalene	11.98	142	29472	1.15	ng	99
15) Acenaphthylene	13.88	152	201410	1.07	ng	100
16) Acenaphthene	14.23	154	31758	1.01	ng	91
17) Fluorene	15.22	166	39322	1.01	ng	98
19) 4-Bromophenyl-phenylether	16.13	248	10426	1.11	ng	95
20) Hexachlorobenzene	16.23	284	50667	1.03	ng	98
21) Pentachlorophenol	16.60	266	3739	1.38	ng	98
22) Phenanthrene	16.94	178	72071	1.05	ng	99
23) Anthracene	17.05	178	64022	1.12	ng	99
24) Fluoranthene	18.96	202	78909	1.10	ng	99
26) Pyrene	19.32	202	83624	1.20	ng	100
28) Benzo(a)anthracene	21.05	228	81680	1.09	ng	99
29) Chrysene	21.11	228	90341	1.10	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	30396	1.50	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	90947	1.14	ng	98
33) Benzo(b)fluoranthene	22.66	252	71863	1.05	ng	99
34) Benzo(k)fluoranthene	22.71	252	87149	1.09	ng	99
35) Benzo(a)pyrene	23.25	252	70517	1.15	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	71256	1.06	ng	98
37) Benzo(g,h,i)perylene	26.44	276	75153	1.06	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

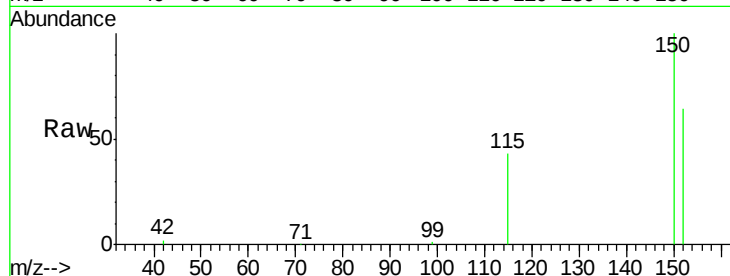
Tgt Ion:152 Resp: 46612

Ion Ratio Lower Upper

152 100

150 157.4 122.2 183.4

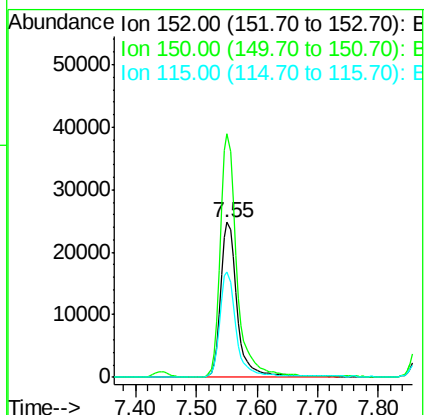
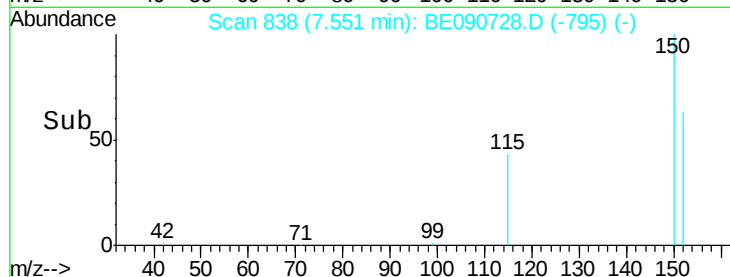
115 68.0 51.0 76.4



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: 0.97 ng

RT: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

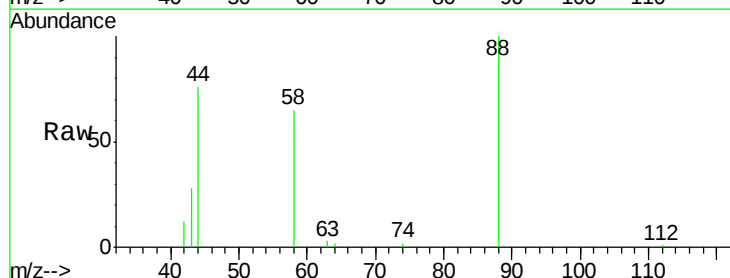
Tgt Ion: 88 Resp: 6778

Ion Ratio Lower Upper

88 100

58 89.3 68.4 102.6

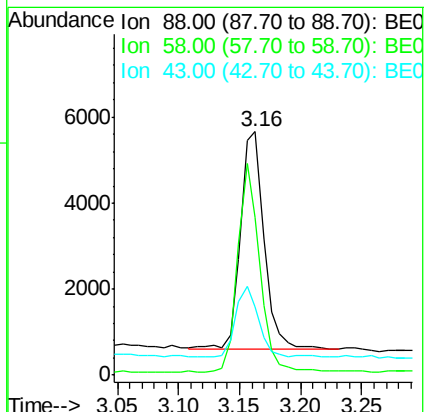
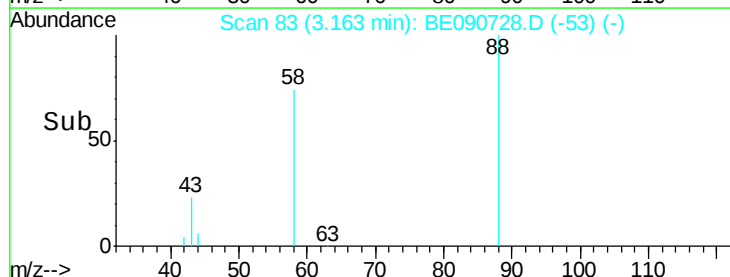
43 31.5 26.9 40.3



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: 0.94 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

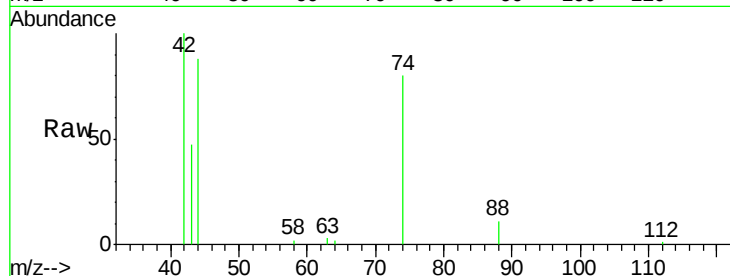
Tgt Ion: 42 Resp: 8318

Ion Ratio Lower Upper

42 100

74 113.0 83.7 125.5

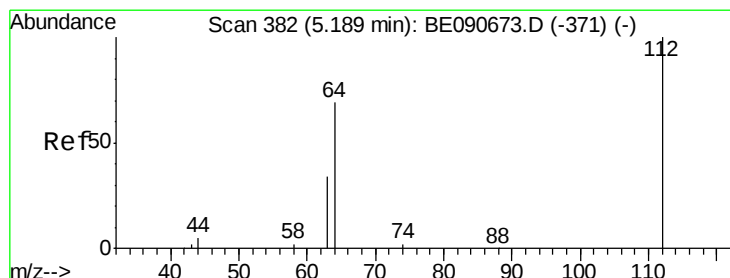
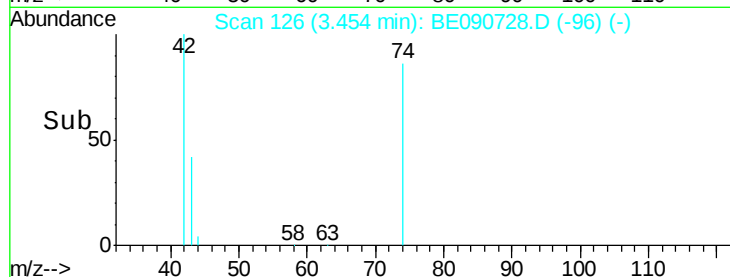
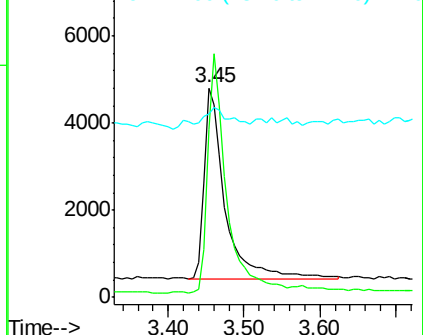
44 8.6 10.0 15.0#



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: 1.20 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

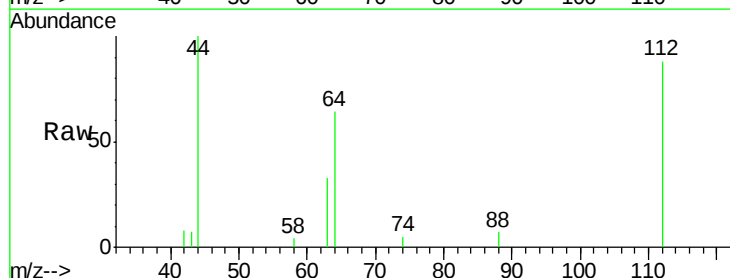
Tgt Ion: 112 Resp: 10773

Ion Ratio Lower Upper

112 100

64 72.2 57.3 85.9

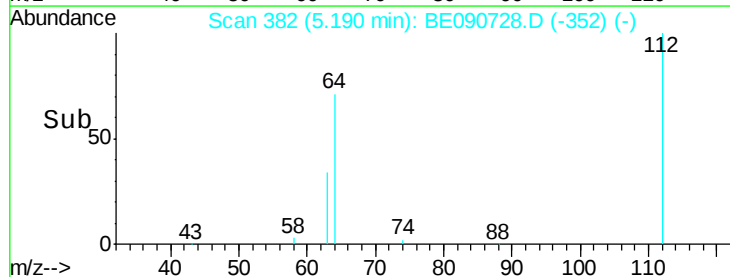
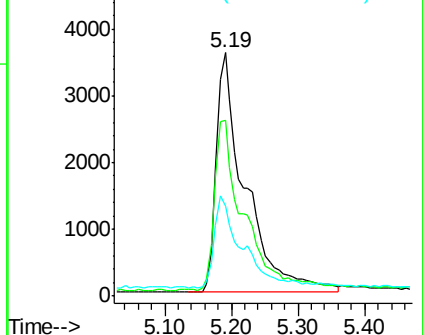
63 36.8 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.16 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

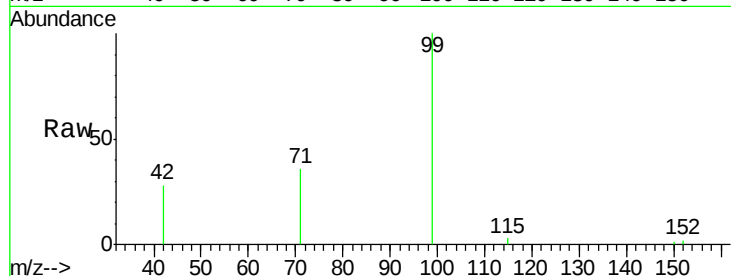
Tgt Ion: 99 Resp: 15067

Ion Ratio Lower Upper

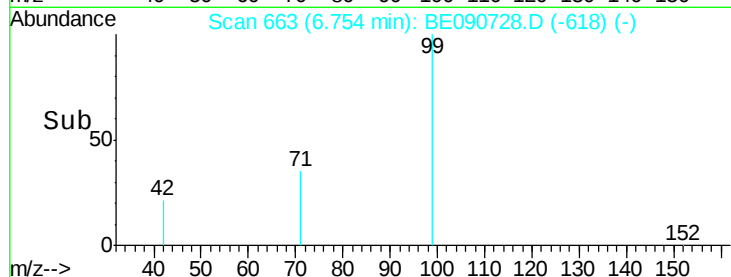
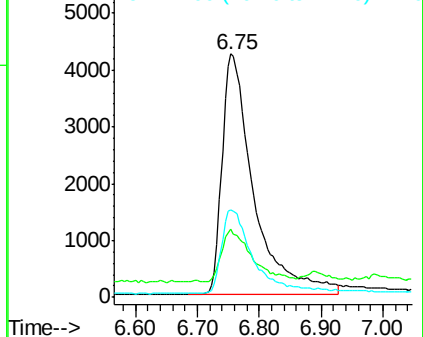
99 100

42 21.0 16.8 25.2

71 33.9 28.3 42.5



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Tgt Ion: 136 Resp: 217590

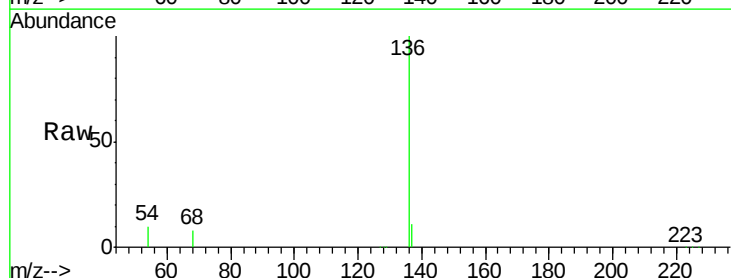
Ion Ratio Lower Upper

136 100

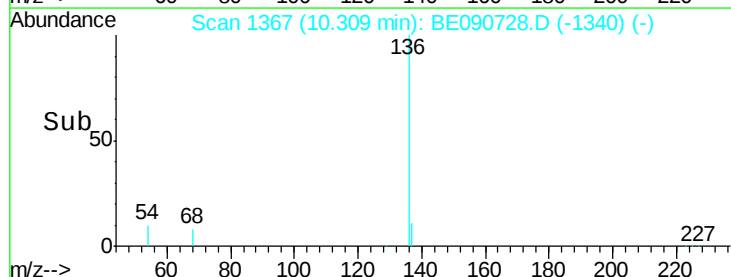
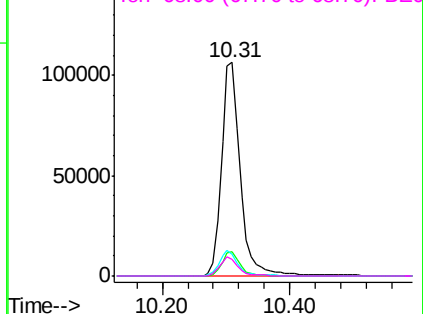
137 11.2 8.7 13.1

54 10.2 9.0 13.6

68 7.7 6.3 9.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 1.02 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

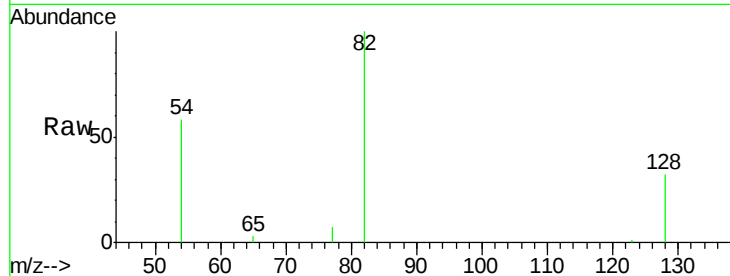
Tgt Ion: 82 Resp: 14608

Ion Ratio Lower Upper

82 100

128 32.3 25.0 37.4

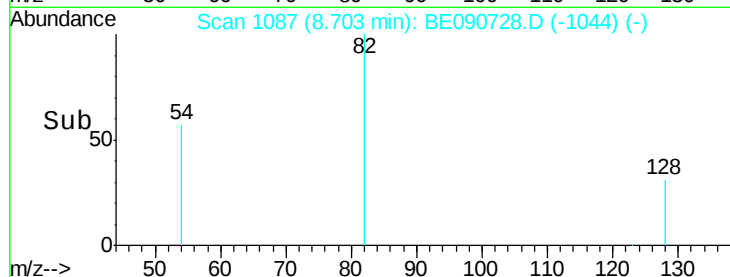
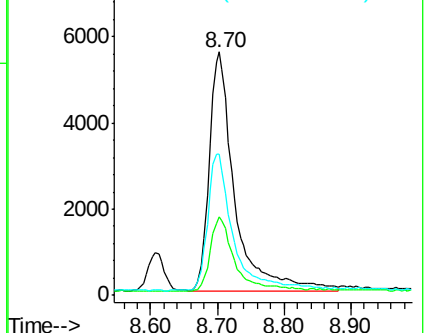
54 57.8 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.98 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

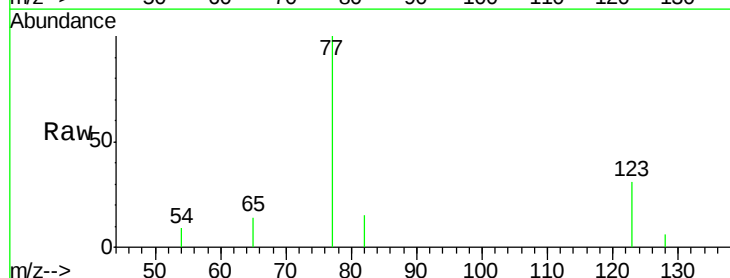
Tgt Ion: 77 Resp: 15685

Ion Ratio Lower Upper

77 100

123 31.9 25.1 37.7

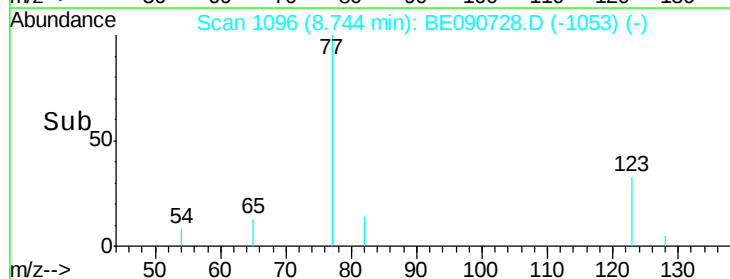
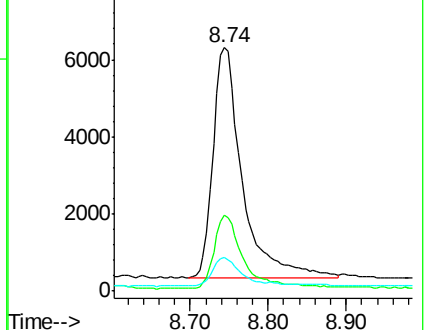
65 11.9 9.9 14.9



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





#9

Naphthalene

Concen: 1.00 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

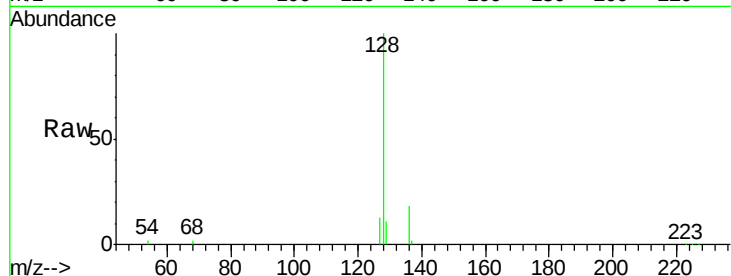
Tgt Ion:128 Resp: 47560

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

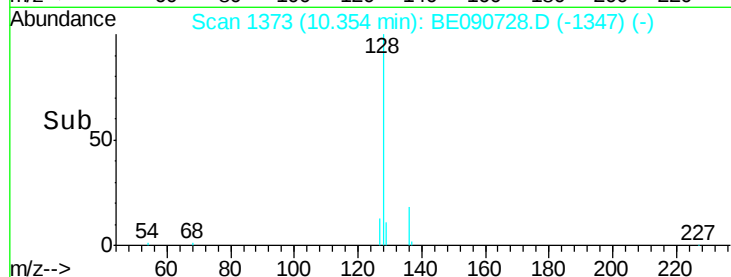
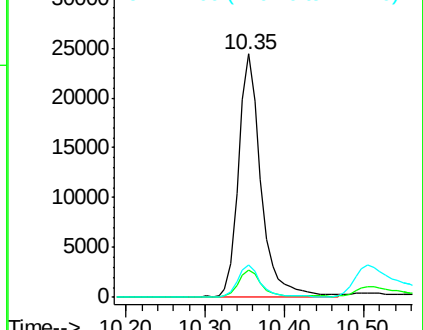
127 13.1 10.6 15.8



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



#10

Hexachlorobutadiene

Concen: 0.95 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

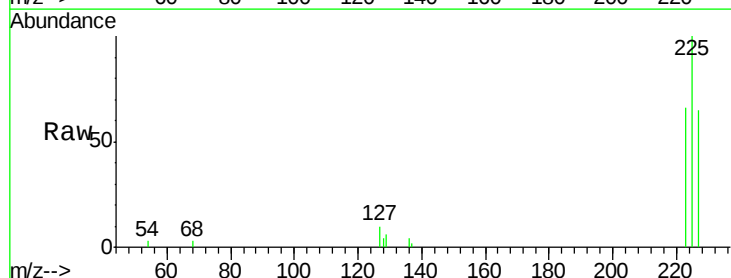
Tgt Ion:225 Resp: 7068

Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

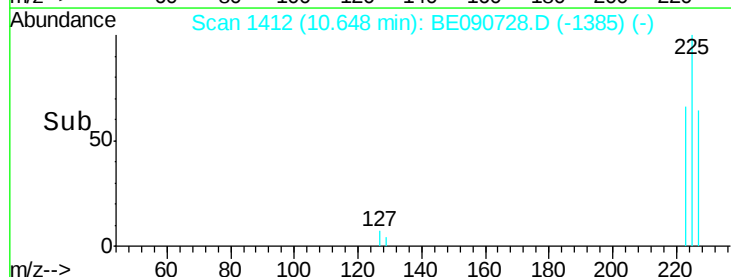
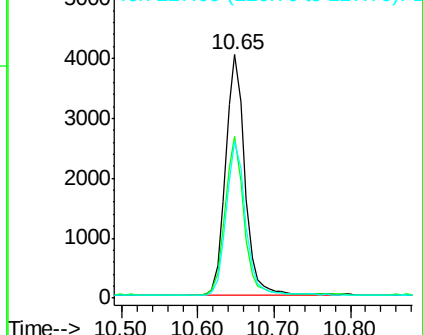
227 64.0 51.0 76.6

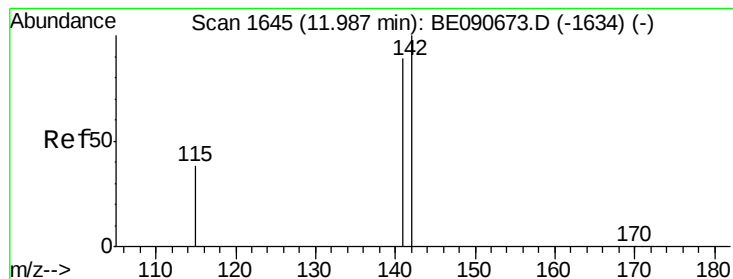


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.15 ng

RT: 11.98 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

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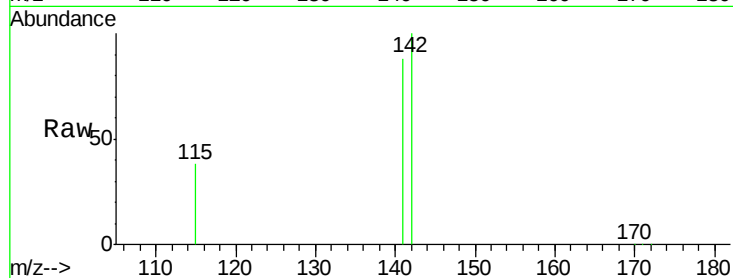
Tgt Ion:142 Resp: 29472

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

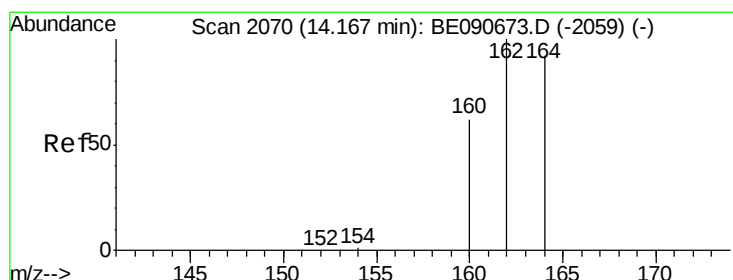
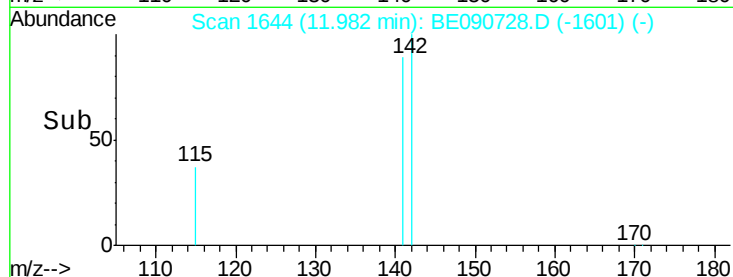
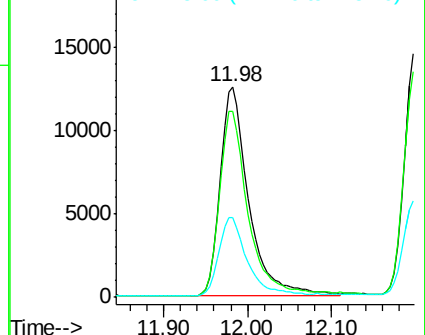
115 37.7 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

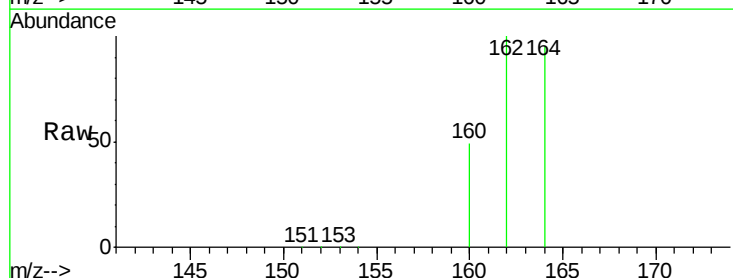
Tgt Ion:164 Resp: 117343

Ion Ratio Lower Upper

164 100

162 105.8 86.8 130.2

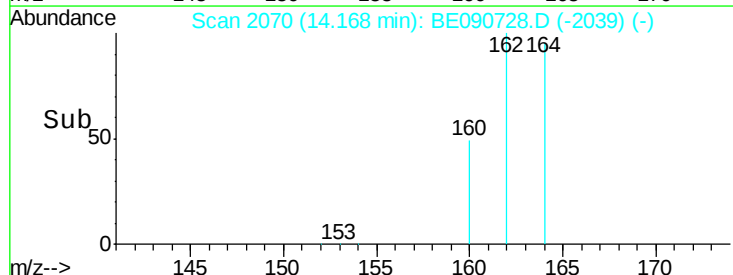
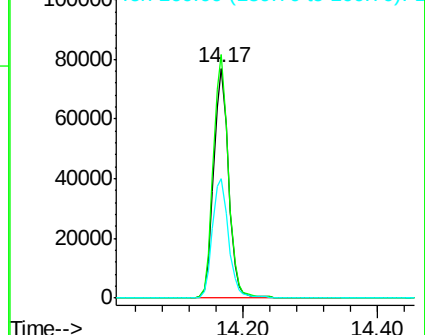
160 52.0 53.9 80.9#

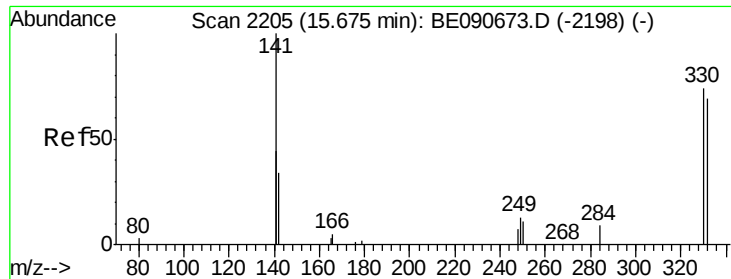


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

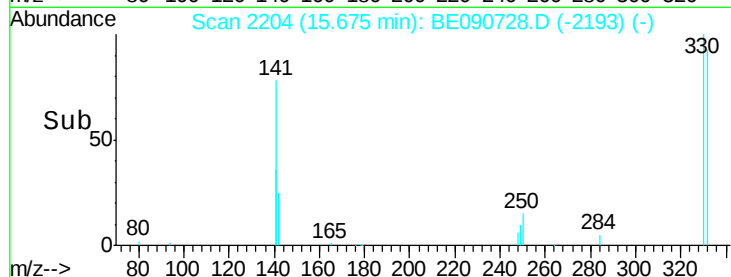
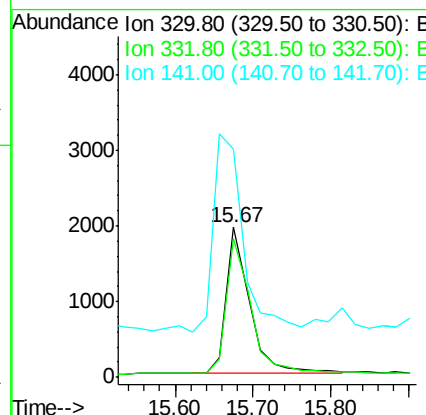
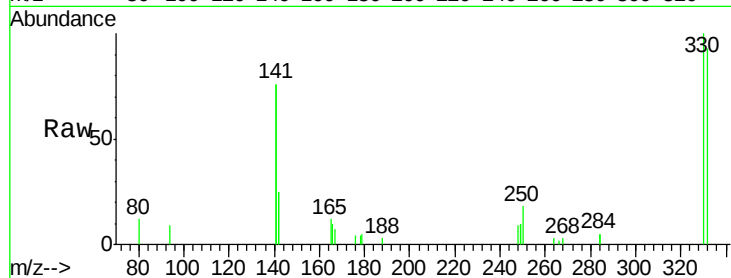




#13
 2,4,6-Tribromophenol
 Concen: 1.31 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090728.D
 Acq: 4 Sep 2015 14:00

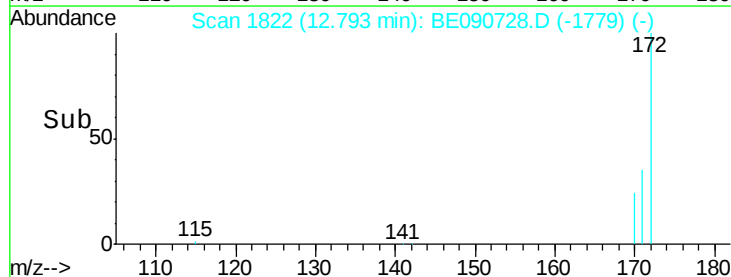
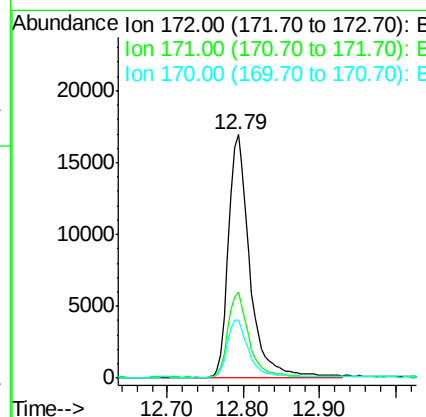
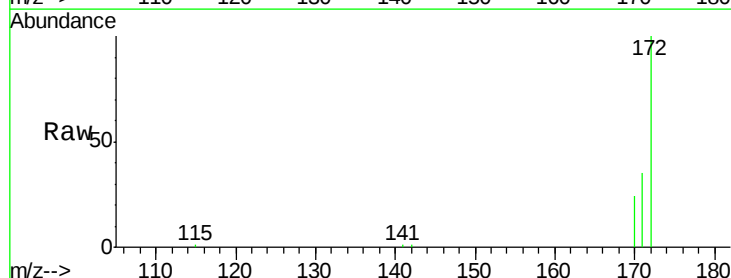
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 4058
 Ion Ratio Lower Upper
 330 100
 332 98.6 74.9 112.3
 141 170.0 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090728.D
 Acq: 4 Sep 2015 14:00

Tgt Ion: 172 Resp: 32776
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.8
 170 24.0 19.8 29.6





#15

Acenaphthylene

Concen: 1.07 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

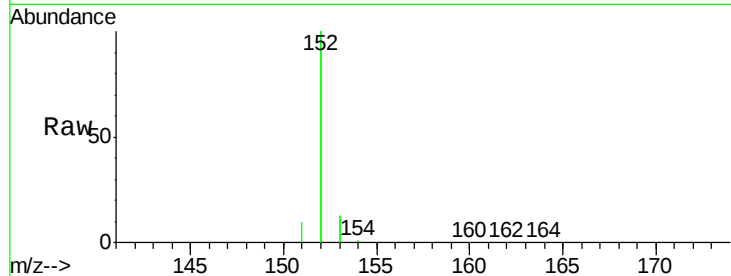
Tgt Ion:152 Resp: 201410

Ion Ratio Lower Upper

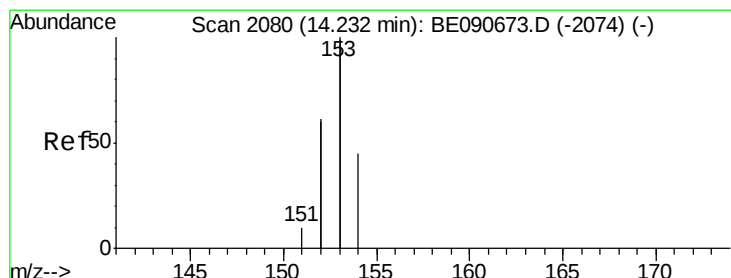
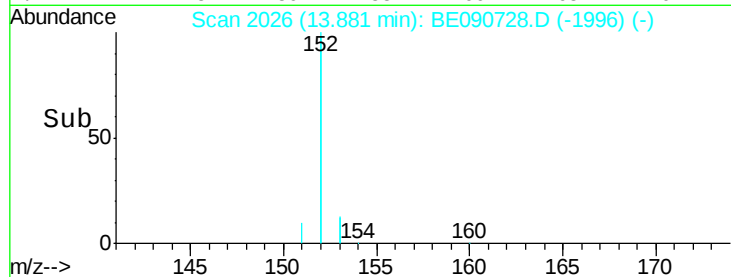
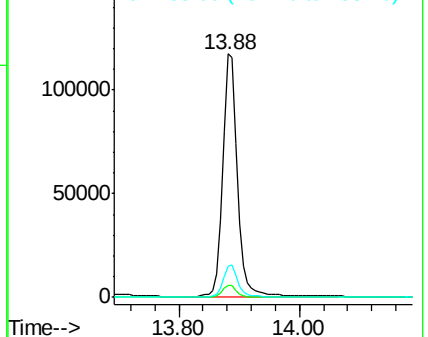
152 100

151 4.8 3.9 5.9

153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.01 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

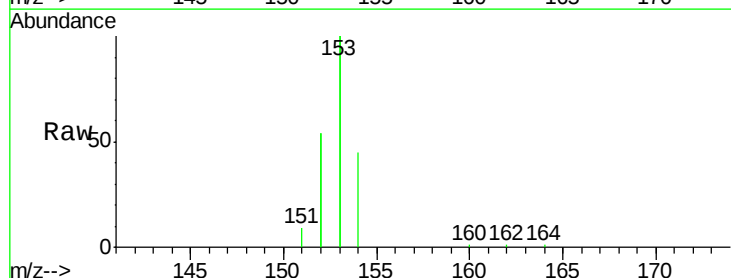
Tgt Ion:154 Resp: 31758

Ion Ratio Lower Upper

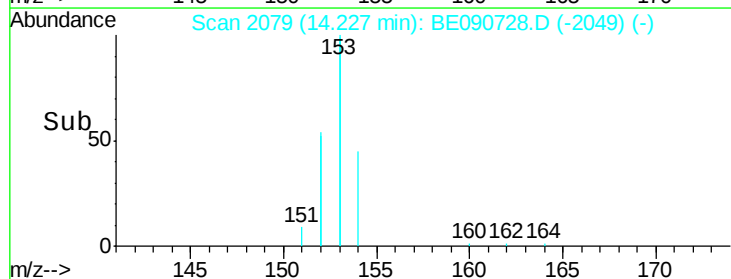
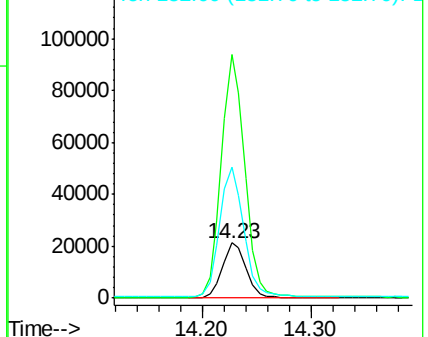
154 100

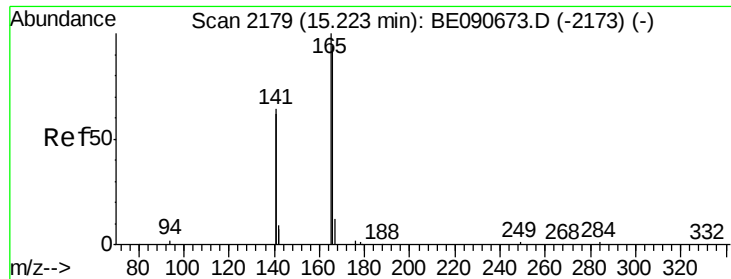
153 440.5 354.5 531.7

152 242.1 227.8 341.6



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

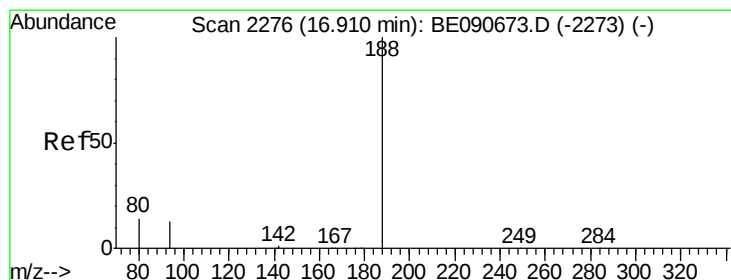
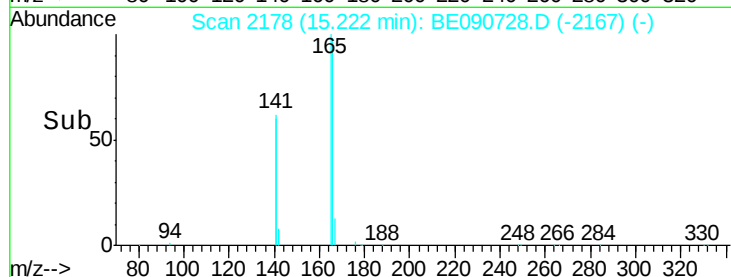
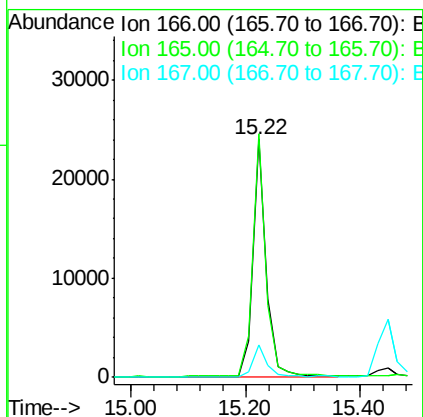
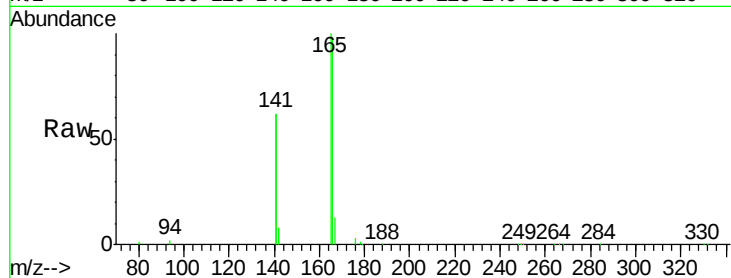




#17
Fluorene
 Concen: 1.01 ng
 RT: 15.22 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BE090728.D
 Acq: 4 Sep 2015 14:00

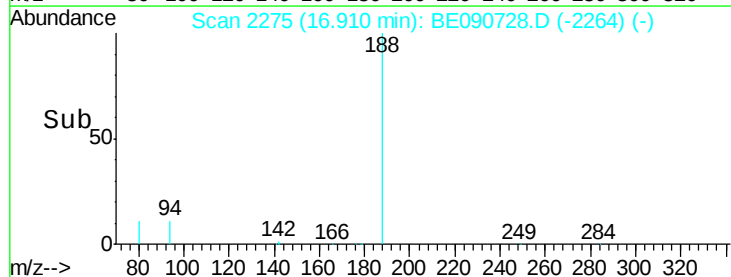
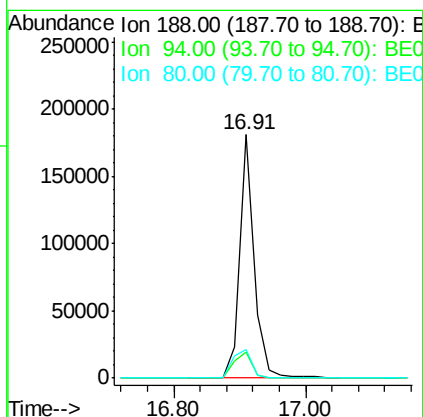
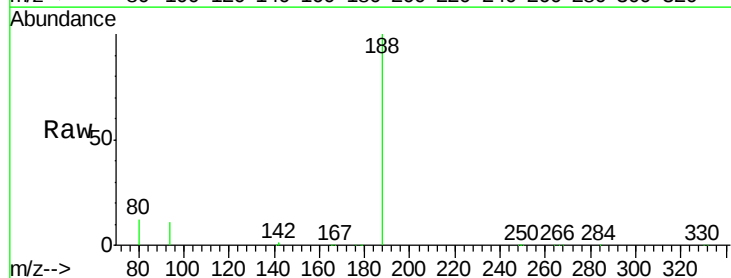
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

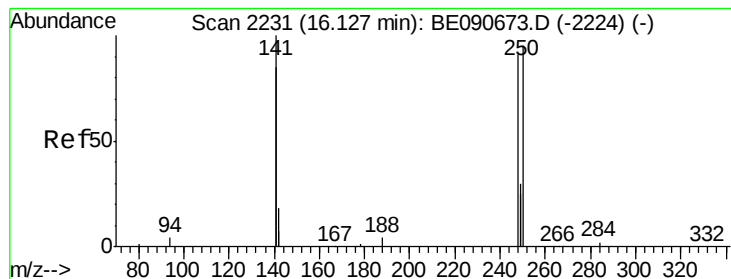
Tgt Ion:166 Resp: 39322
 Ion Ratio Lower Upper
 166 100
 165 101.2 82.7 124.1
 167 13.8 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE090728.D
 Acq: 4 Sep 2015 14:00

Tgt Ion:188 Resp: 276204
 Ion Ratio Lower Upper
 188 100
 94 10.8 10.3 15.5
 80 11.6 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 1.11 ng

RT: 16.13 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

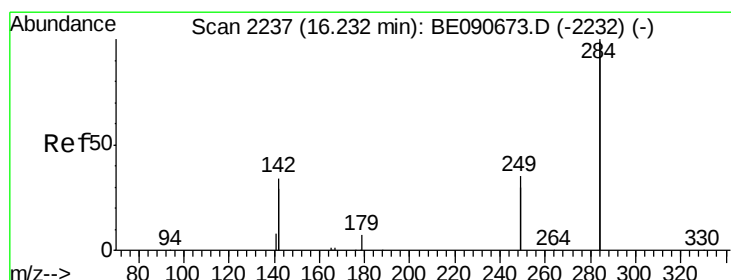
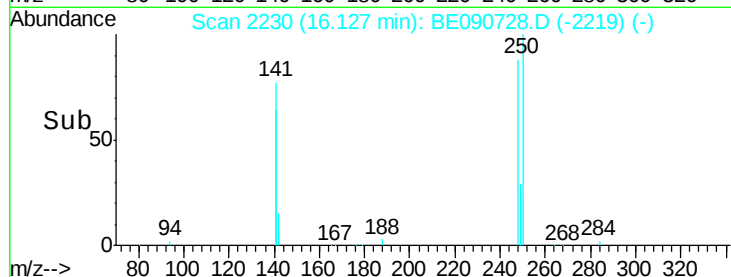
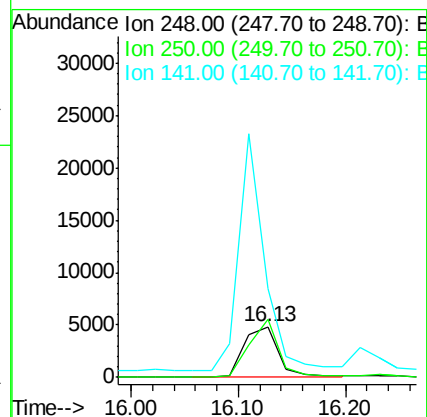
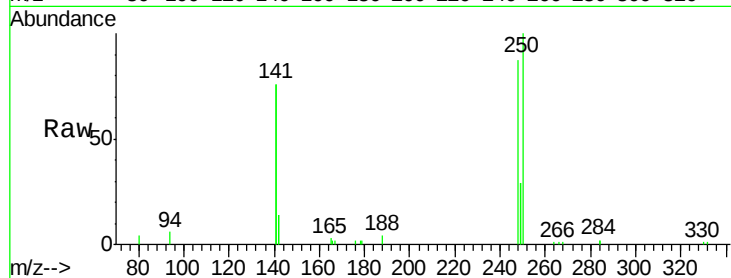
Tgt Ion:248 Resp: 10426

Ion Ratio Lower Upper

248 100

250 97.3 76.7 115.1

141 352.2 292.6 439.0



#20

Hexachlorobenzene

Concen: 1.03 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

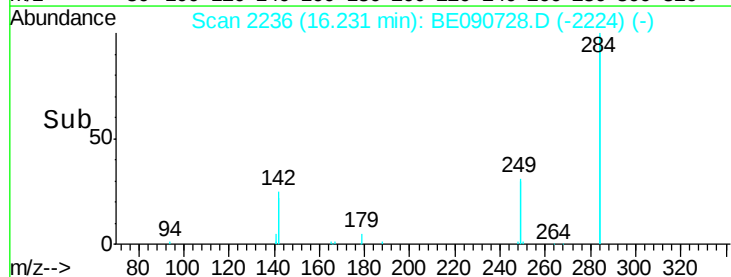
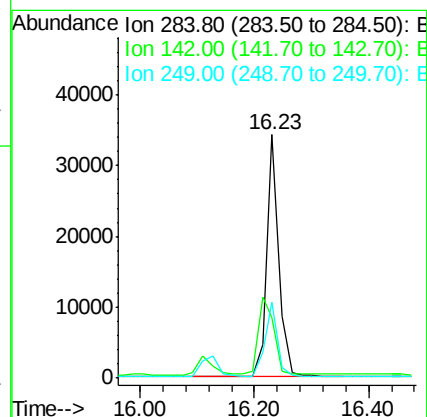
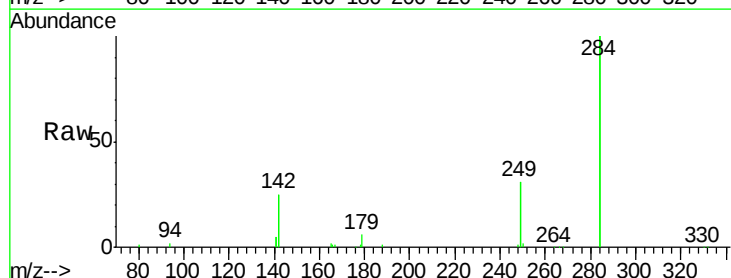
Tgt Ion:284 Resp: 50667

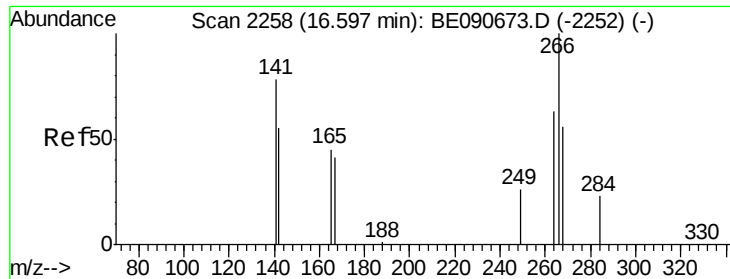
Ion Ratio Lower Upper

284 100

142 41.6 35.0 52.4

249 31.5 25.5 38.3





#21

Pentachlorophenol

Concen: 1.38 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

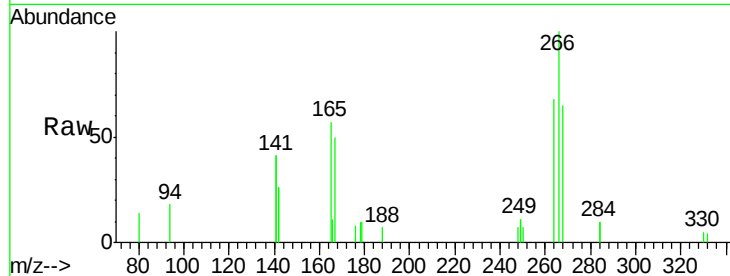
Tgt Ion:266 Resp: 3739

Ion Ratio Lower Upper

266 100

268 65.4 49.6 74.4

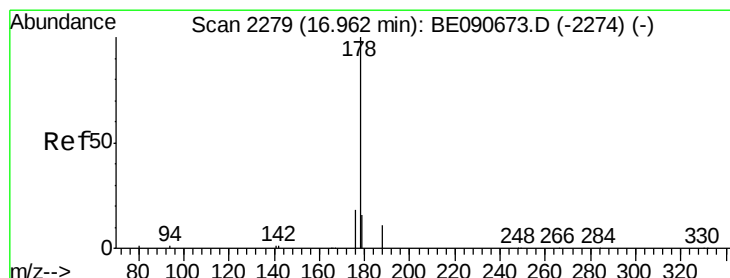
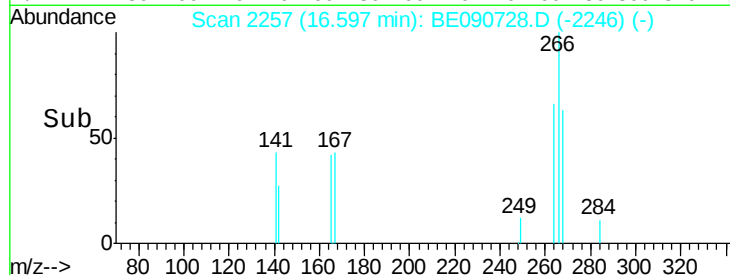
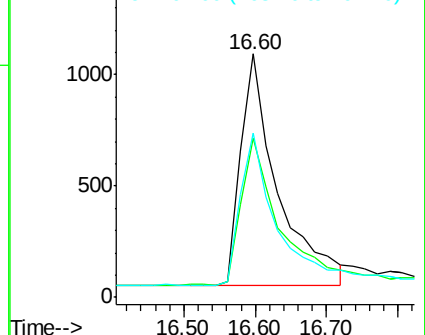
264 67.7 53.9 80.9



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



#22

Phenanthrene

Concen: 1.05 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

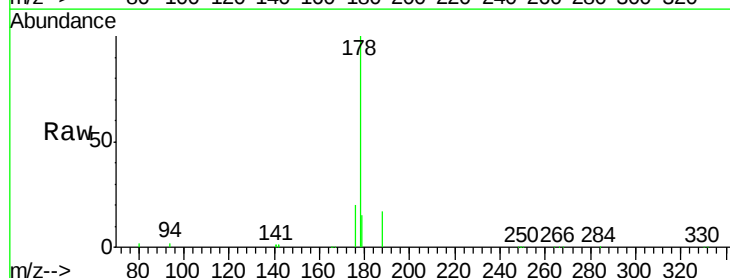
Tgt Ion:178 Resp: 72071

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

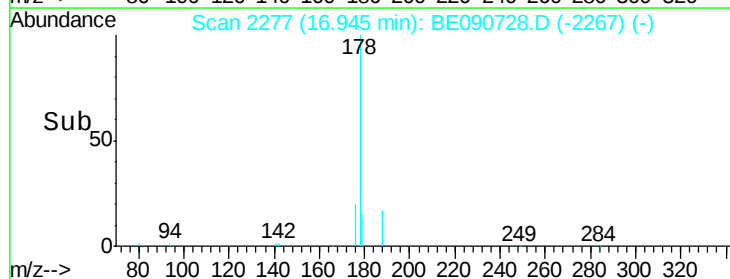
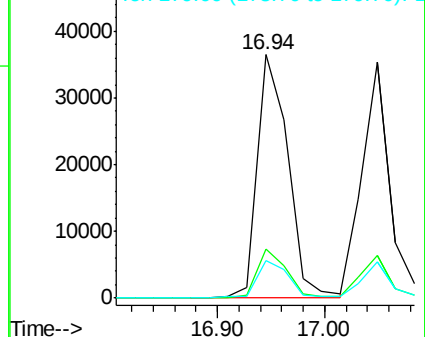
179 15.5 12.8 19.2



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





#23

Anthracene

Concen: 1.12 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

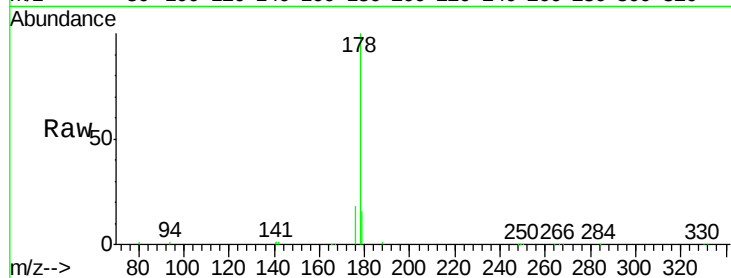
Tgt Ion:178 Resp: 64022

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

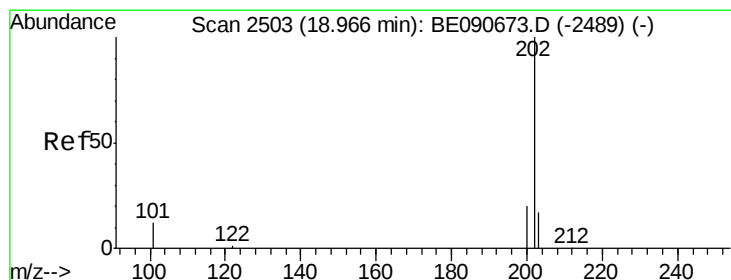
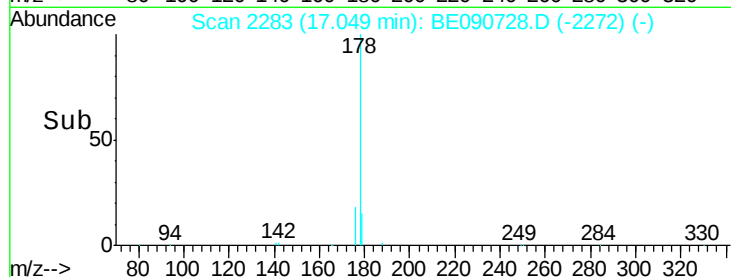
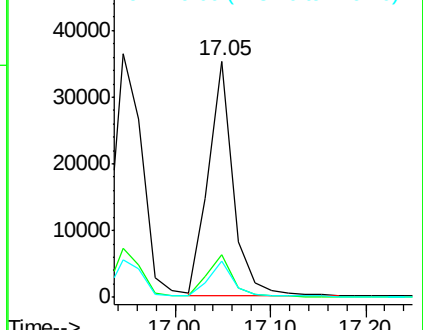
179 14.9 12.3 18.5



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

Fluoranthene

Concen: 1.10 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

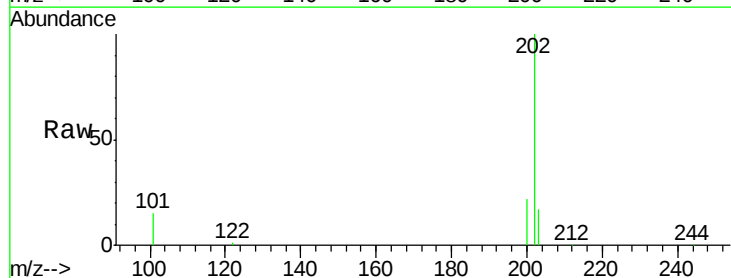
Tgt Ion:202 Resp: 78909

Ion Ratio Lower Upper

202 100

101 14.3 11.0 16.6

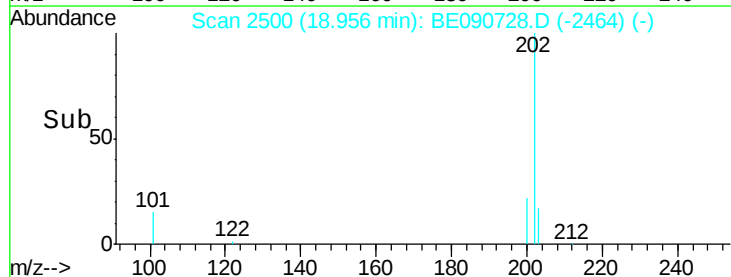
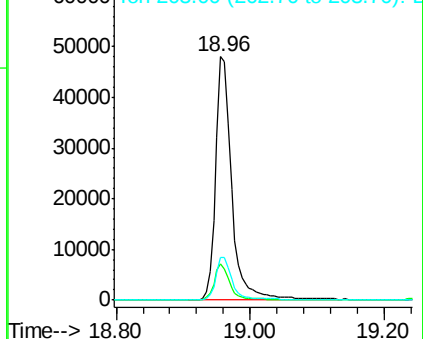
203 17.4 13.9 20.9



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

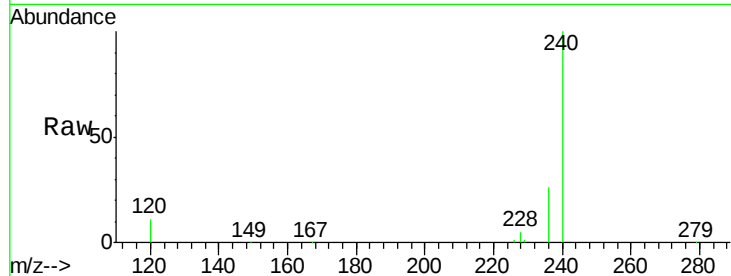
Tgt Ion:240 Resp: 336636

Ion Ratio Lower Upper

240 100

120 11.0 10.1 15.1

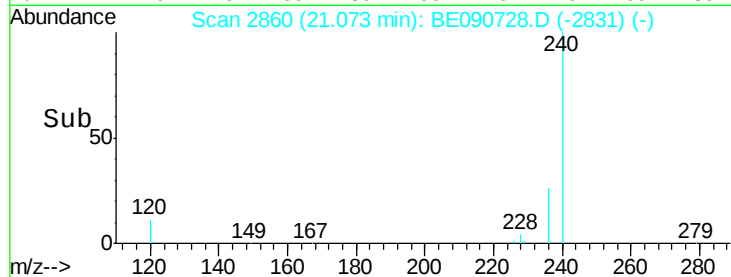
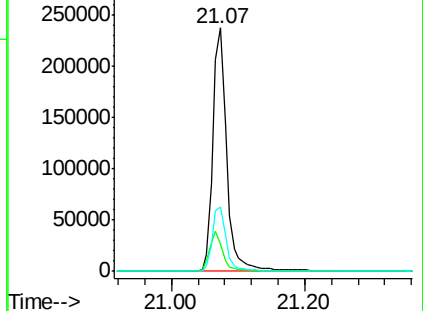
236 26.3 21.9 32.9



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



#26

Pyrene

Concen: 1.20 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

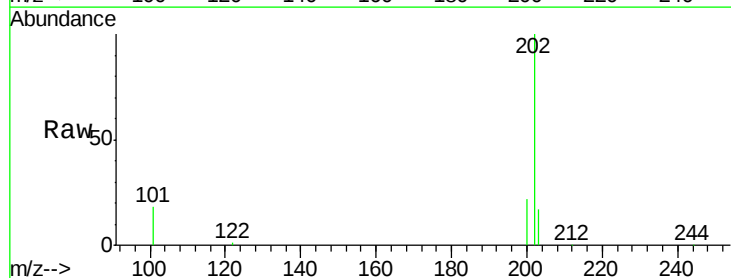
Tgt Ion:202 Resp: 83624

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

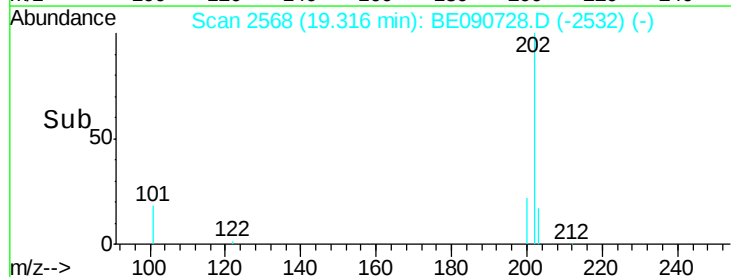
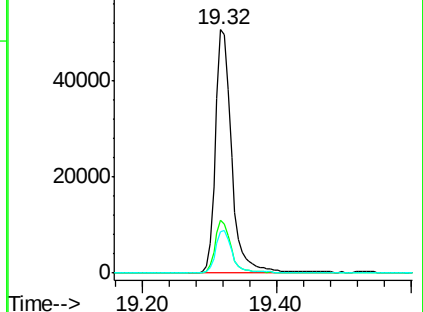
203 17.5 13.8 20.6

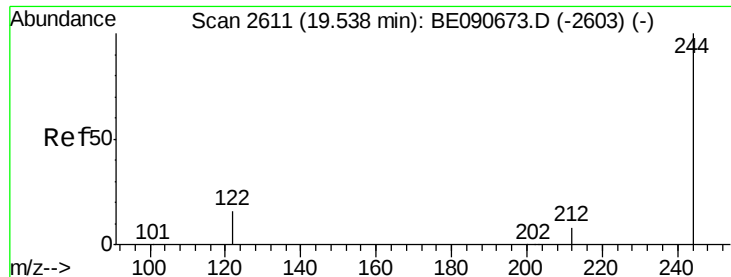


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

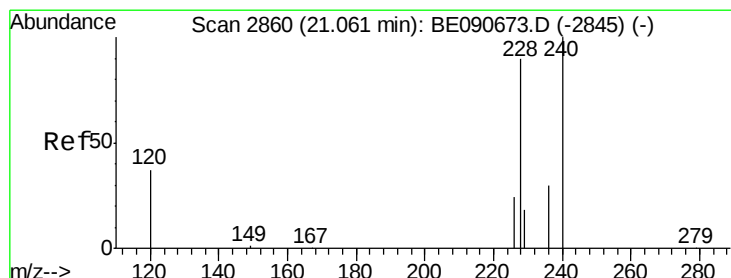
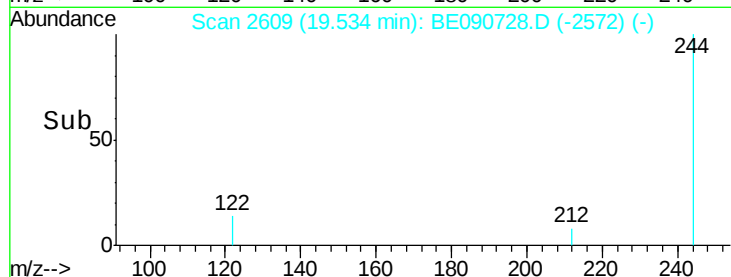
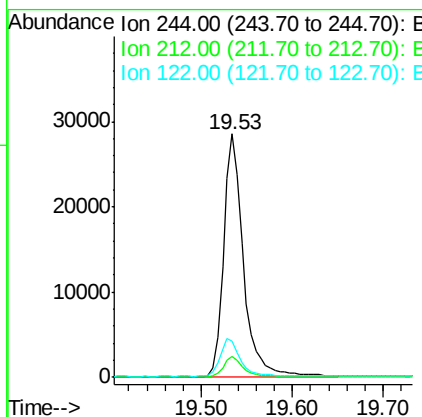
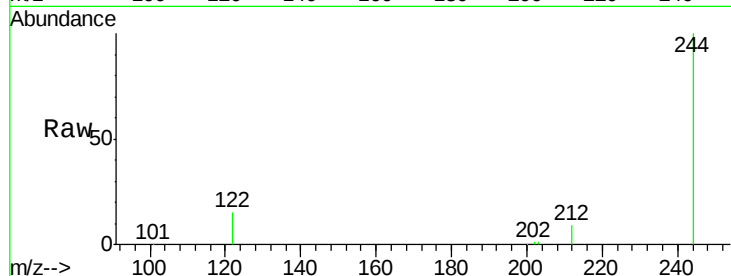




#27
 Terphenyl-d14
 Concen: 1.16 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BE090728.D
 Acq: 4 Sep 2015 14:00

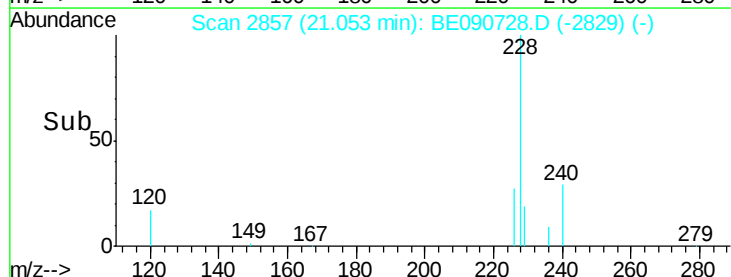
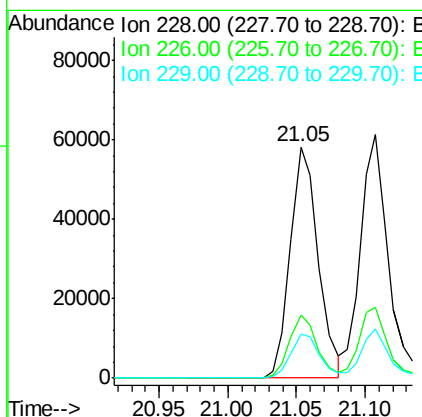
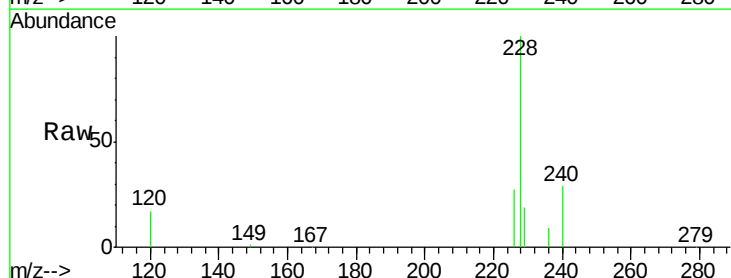
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 244 Resp: 43189
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 14.8 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.09 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BE090728.D
 Acq: 4 Sep 2015 14:00

Tgt Ion: 228 Resp: 81680
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.6 32.4
 229 19.1 15.9 23.9





#29

Chrysene

Concen: 1.10 ng

RT: 21.11 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

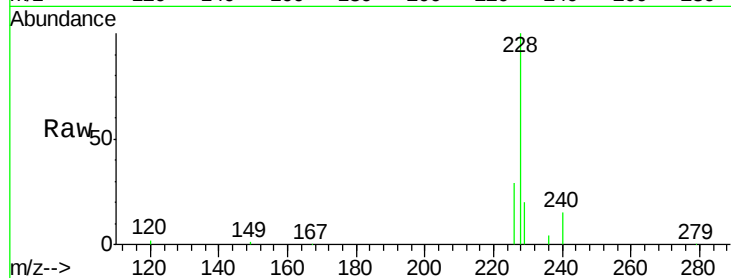
Tgt Ion:228 Resp: 90341

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

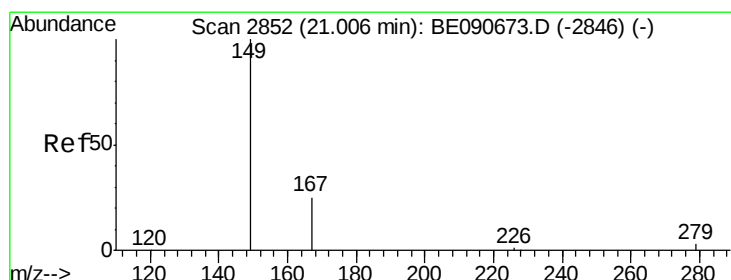
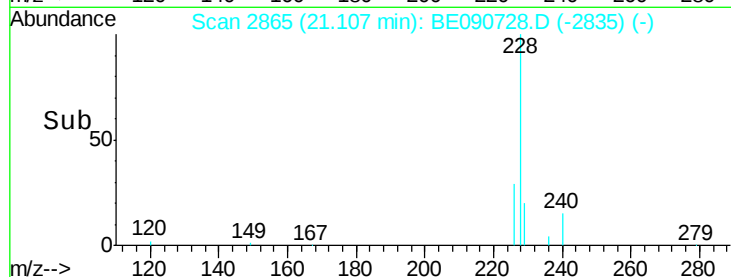
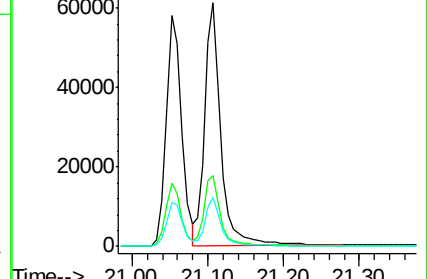
229 19.9 15.3 22.9



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.50 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

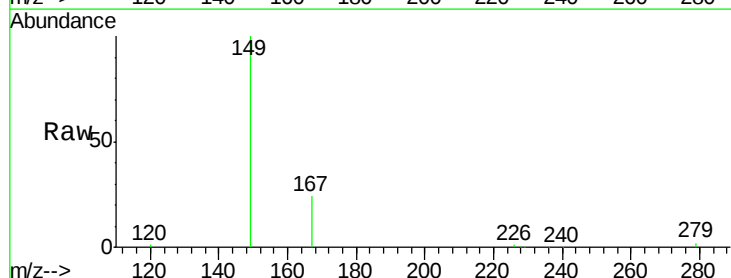
Tgt Ion:149 Resp: 30396

Ion Ratio Lower Upper

149 100

167 25.7 20.1 30.1

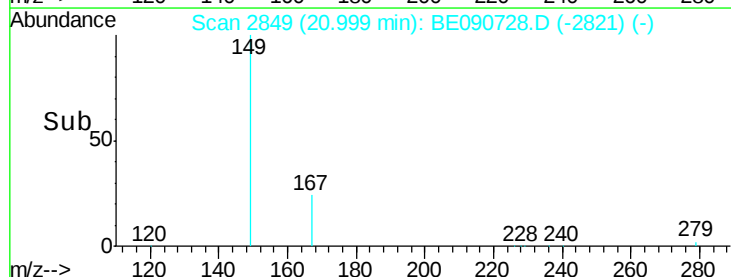
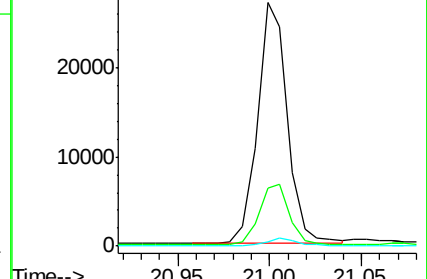
279 3.1 2.3 3.5

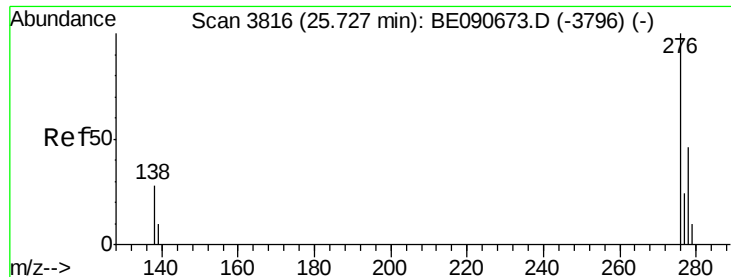


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.14 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

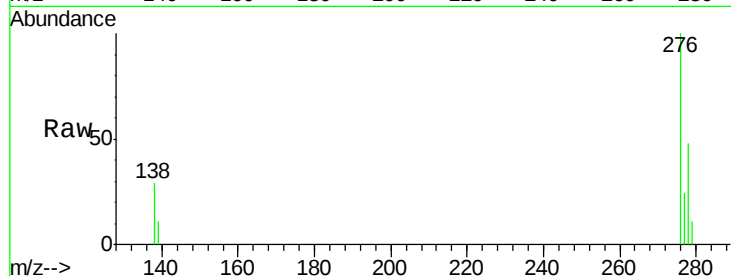
Tgt Ion: 276 Resp: 90947

Ion Ratio Lower Upper

276 100

138 30.5 23.3 34.9

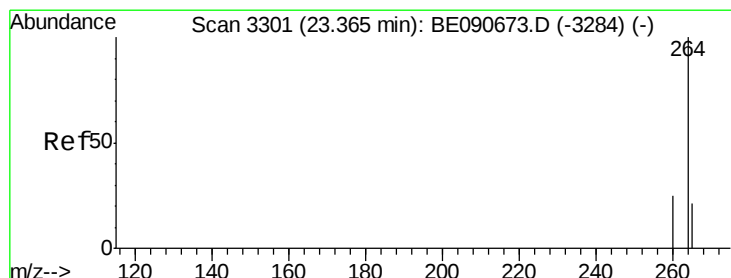
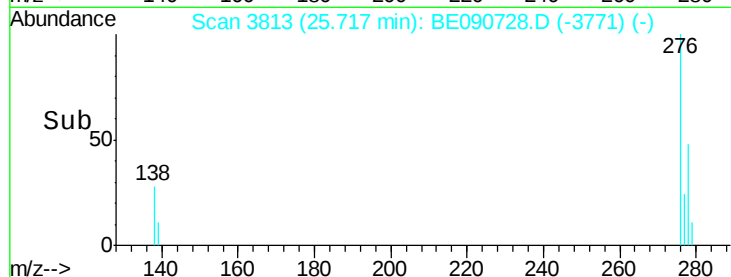
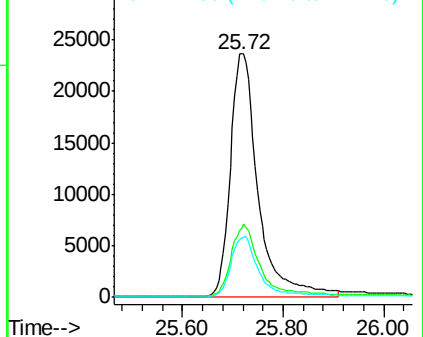
277 24.9 19.8 29.6



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Tgt Ion: 264 Resp: 316965

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

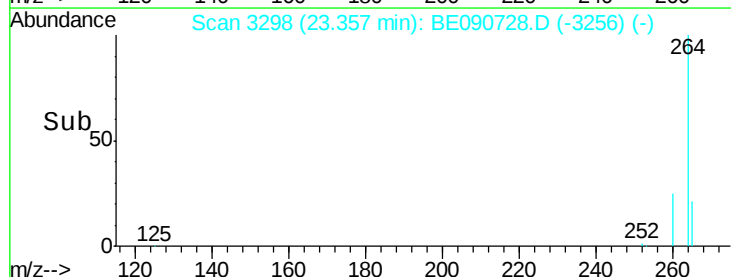
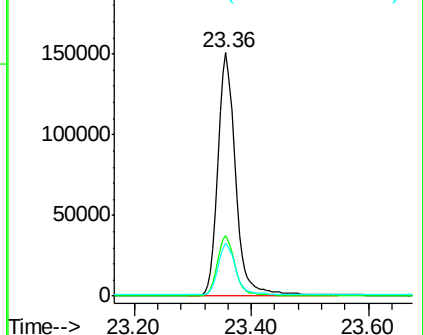
265 21.5 17.5 26.3



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





#33

Benzo(b)fluoranthene

Concen: 1.05 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

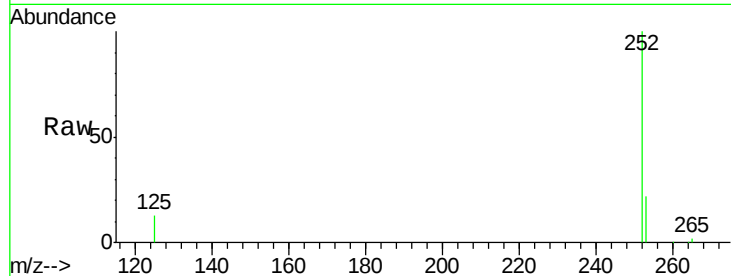
Tgt Ion:252 Resp: 71863

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

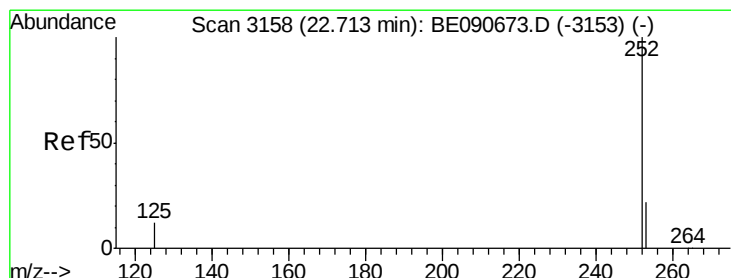
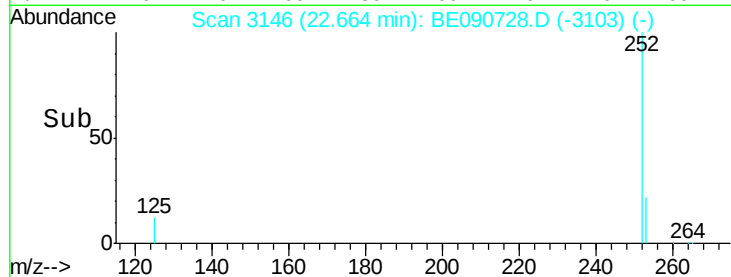
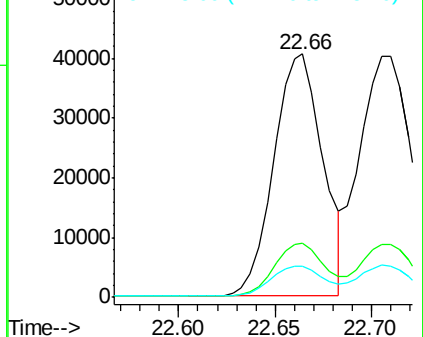
125 12.7 10.6 16.0



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



#34

Benzo(k)fluoranthene

Concen: 1.09 ng

RT: 22.71 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

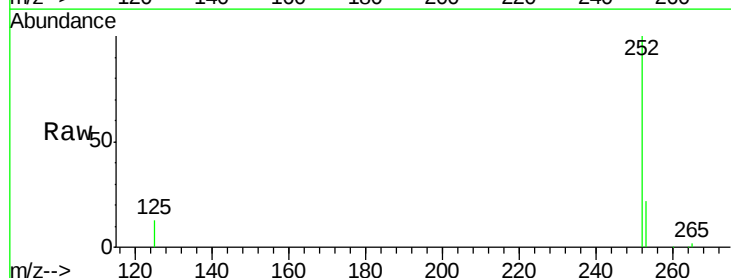
Tgt Ion:252 Resp: 87149

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

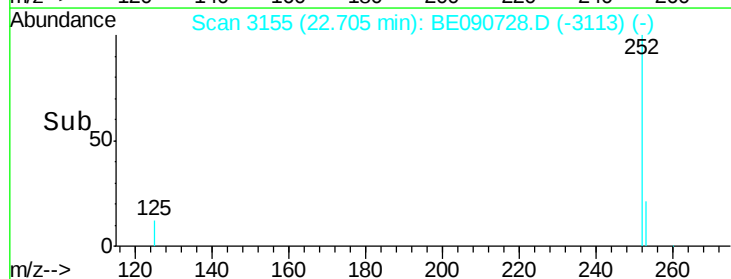
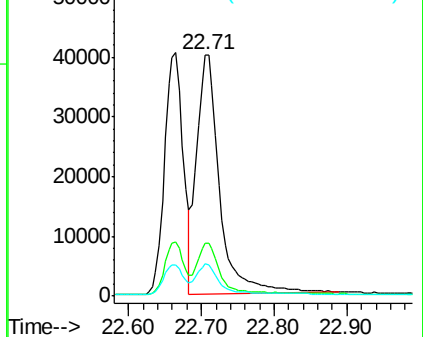
125 13.2 10.1 15.1

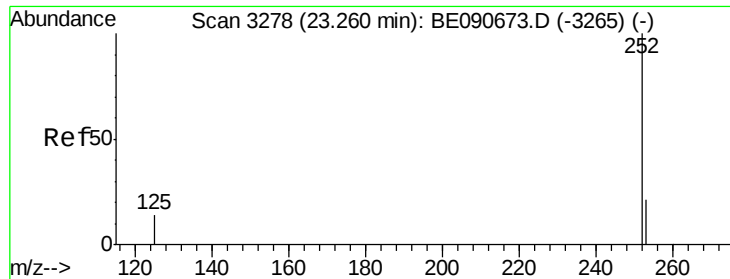


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.15 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

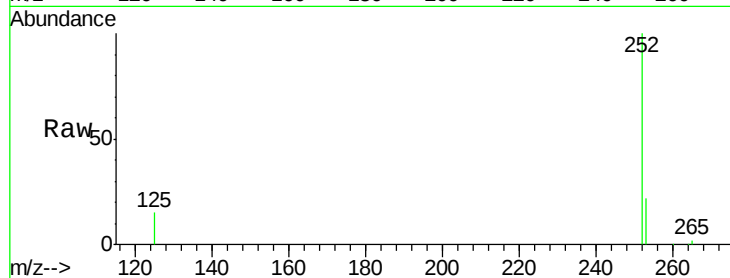
Tgt Ion:252 Resp: 70517

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

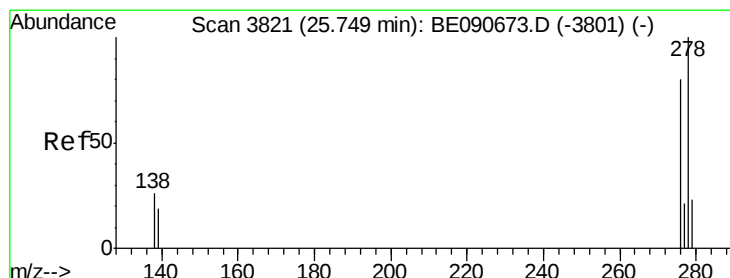
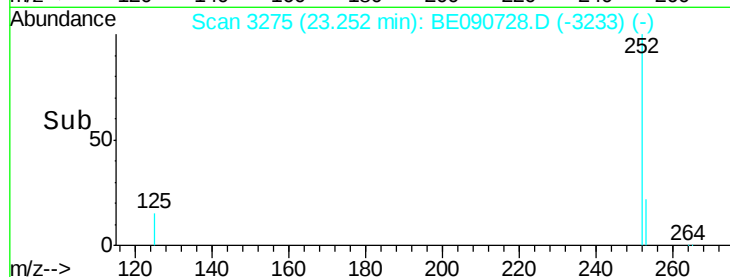
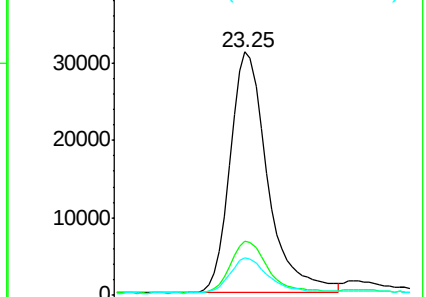
125 15.4 11.6 17.4



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



#36

Dibenzo(a,h)anthracene

Concen: 1.06 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090728.D

Acq: 4 Sep 2015 14:00

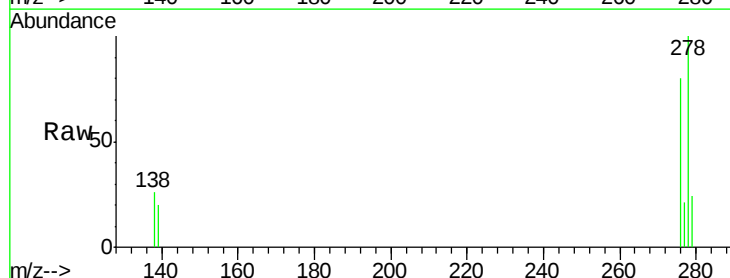
Tgt Ion:278 Resp: 71256

Ion Ratio Lower Upper

278 100

139 20.1 15.4 23.0

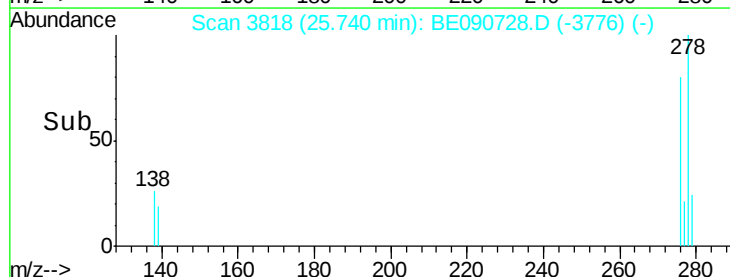
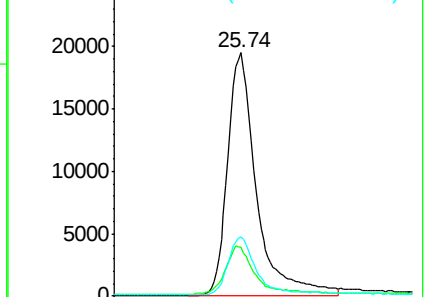
279 24.2 18.8 28.2

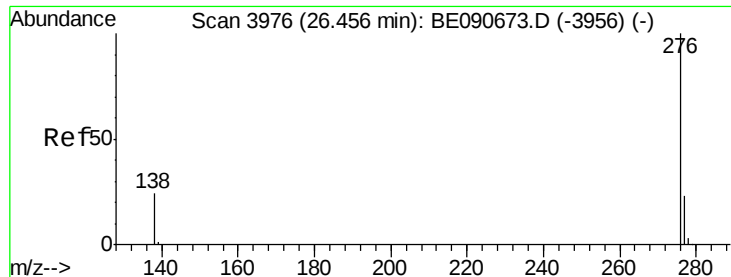


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 1.06 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090728.D

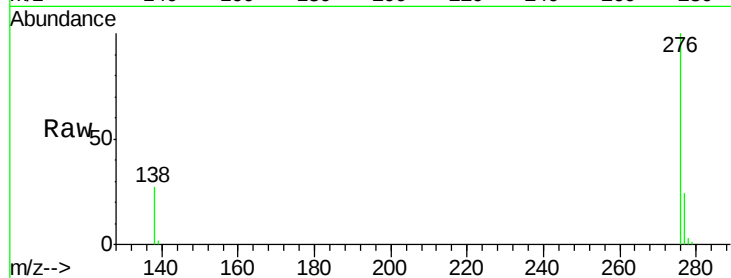
Acq: 4 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



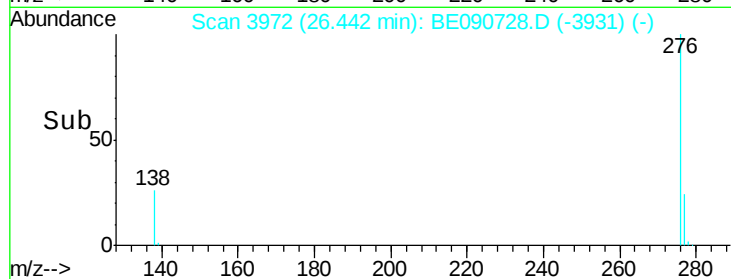
Tgt Ion: 276 Resp: 75153

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 26.6 20.1 30.1



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

