

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
 Data File : BE089940.D
 Acq On : 24 Jun 2015 19:38
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 25 03:54:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:27:42 2015
 Response via : Initial Calibration

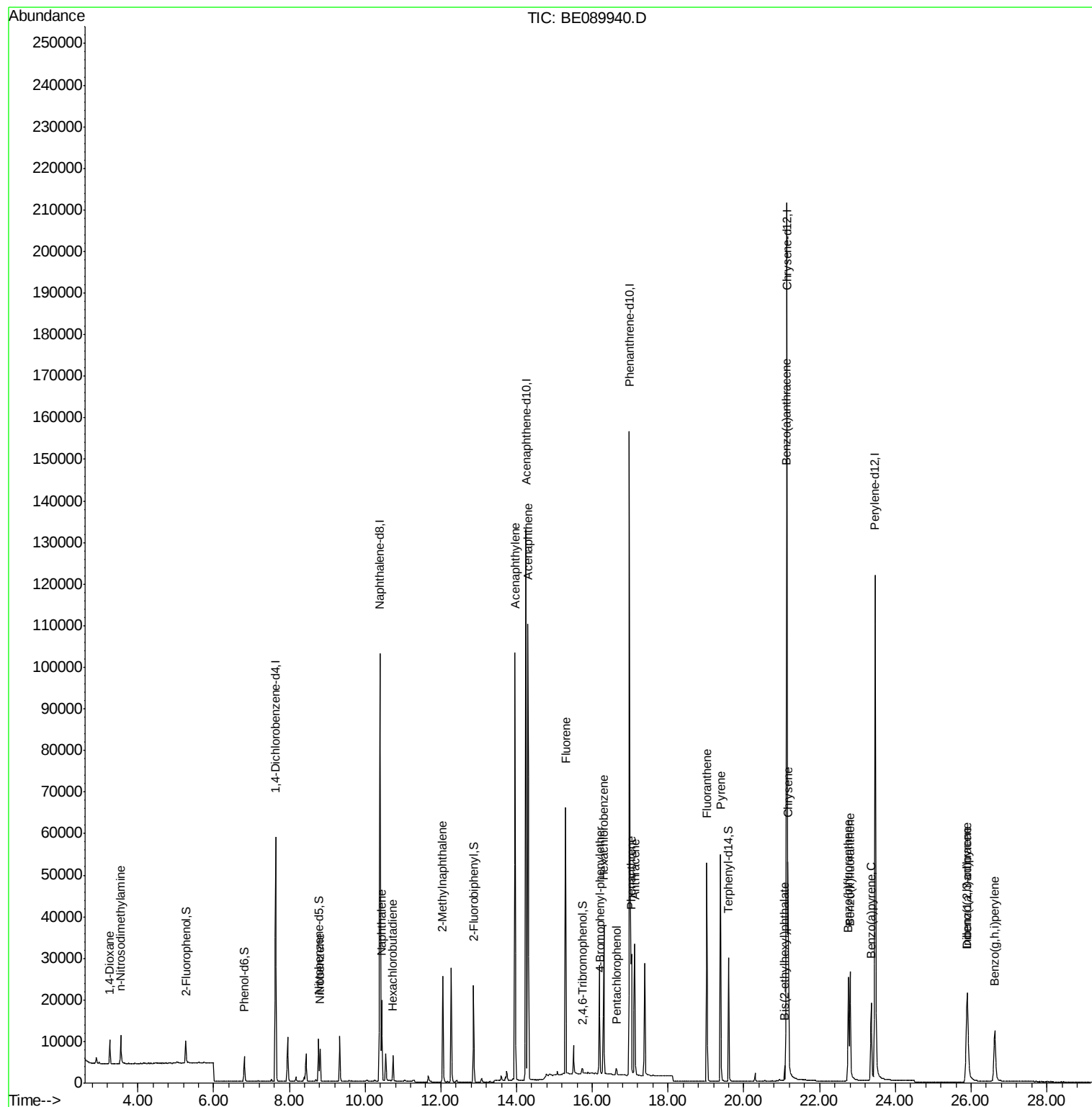
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	27506	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	127771	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	78547	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	189976	5.00	ng	0.00
25) Chrysene-d12	21.14	240	199601	5.00	ng	0.00
32) Perylene-d12	23.47	264	171293	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	3931	0.79	ng	0.00
5) Phenol-d6	6.81	99	6204	0.82	ng	0.00
7) Nitrobenzene-d5	8.77	82	8194	0.86	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	651	0.77	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	20749	0.91	ng	0.00
27) Terphenyl-d14	19.60	244	31248	0.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3225	0.97	ng	96
3) n-Nitrosodimethylamine	3.55	42	4402	0.89	ng	93
8) Nitrobenzene	8.81	77	8735	0.86	ng	99
9) Naphthalene	10.44	128	26214	0.92	ng	99
10) Hexachlorobutadiene	10.74	225	4217	0.94	ng	99
11) 2-Methylnaphthalene	12.05	142	17477	0.90	ng	98
15) Acenaphthylene	13.96	152	127862	0.93	ng	100
16) Acenaphthene	14.30	154	19216	0.95	ng	98
17) Fluorene	15.29	166	25275	0.99	ng	98
19) 4-Bromophenyl-phenylether	16.20	248	6853	0.88	ng	97
20) Hexachlorobenzene	16.30	284	31009	0.91	ng	99
21) Pentachlorophenol	16.63	266	805	0.78	ng	# 92
22) Phenanthrene	17.03	178	43162	0.91	ng	99
23) Anthracene	17.12	178	38931	0.88	ng	100
24) Fluoranthene	19.02	202	46278	0.89	ng	100
26) Pyrene	19.38	202	47642	0.94	ng	100
28) Benzo(a)anthracene	21.12	228	42629	0.89	ng	99
29) Chrysene	21.18	228	46693	0.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.07	149	3101	0.76	ng	98
31) Indeno(1,2,3-cd)pyrene	25.89	276	34425	0.90	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	34004	0.94	ng	99
34) Benzo(k)fluoranthene	22.80	252	38496	0.94	ng	100
35) Benzo(a)pyrene	23.36	252	29085	0.90	ng	99
36) Dibenzo(a,h)anthracene	25.91	278	27147	0.91	ng	99
37) Benzo(g,h,i)perylene	26.63	276	29617	0.92	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

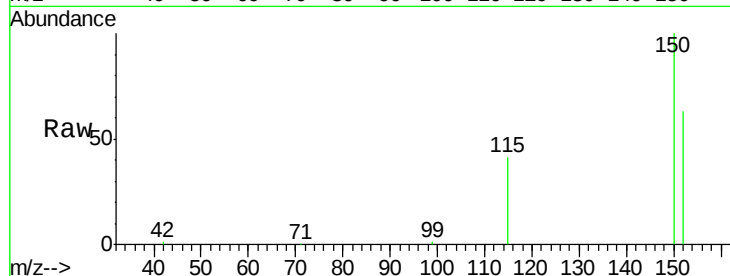
Tgt Ion:152 Resp: 27506

Ion Ratio Lower Upper

152 100

150 160.0 124.6 186.8

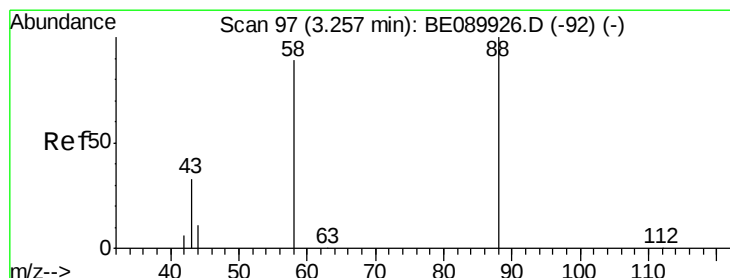
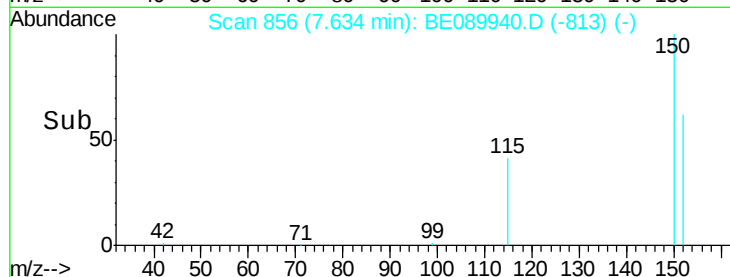
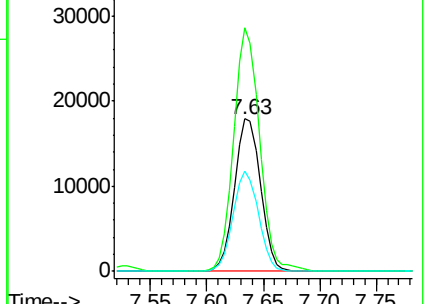
115 65.9 51.6 77.4



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: 3.26 min Scan# 97

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

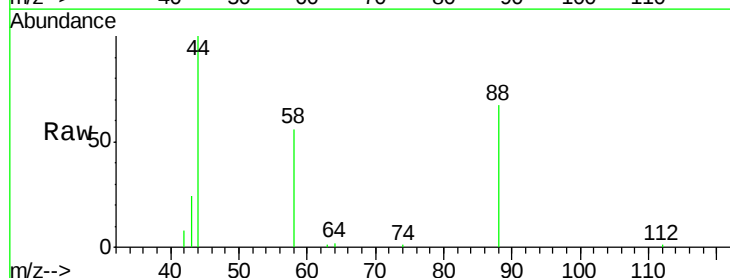
Tgt Ion: 88 Resp: 3225

Ion Ratio Lower Upper

88 100

58 85.6 70.8 106.2

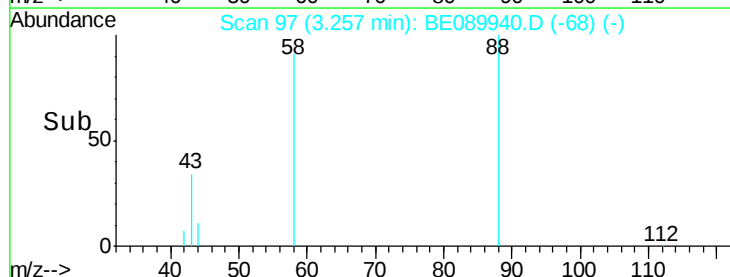
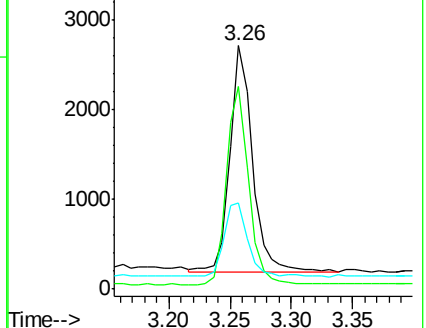
43 36.1 26.8 40.2

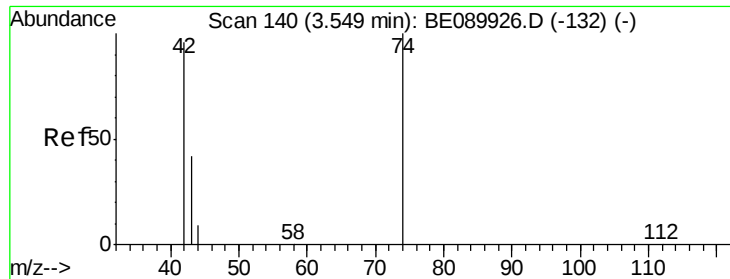


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.89 ng

RT: 3.55 min Scan# 140

Delta R.T. -0.00 min

Lab File: BE089940.D

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Instrument :

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SSTDCCC001EC

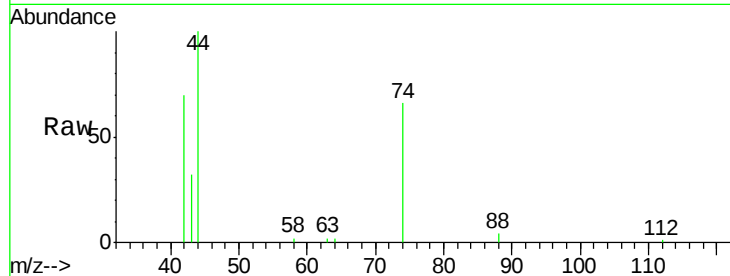
Tgt Ion: 42 Resp: 4402

Ion Ratio Lower Upper

42 100

74 99.5 85.4 128.2

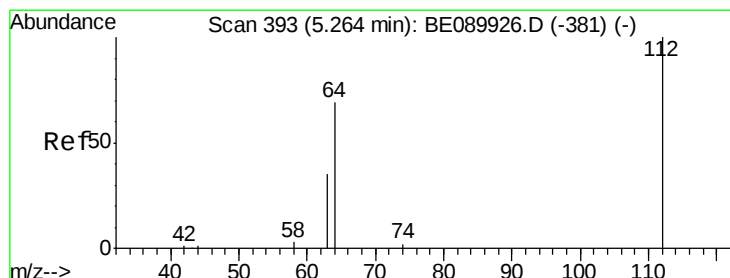
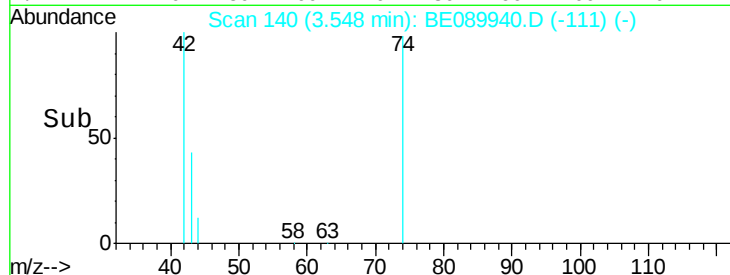
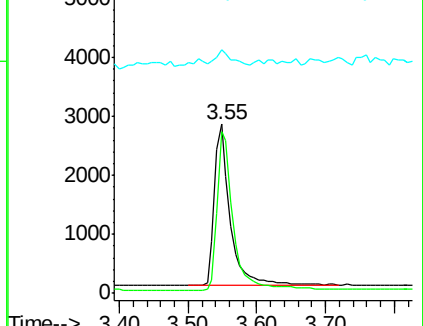
44 8.5 8.4 12.6



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: 0.79 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

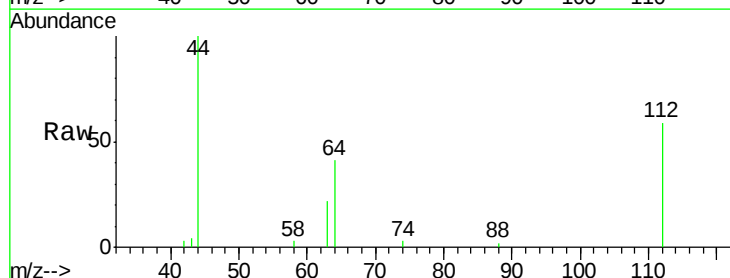
Tgt Ion: 112 Resp: 3931

Ion Ratio Lower Upper

112 100

64 73.7 57.4 86.2

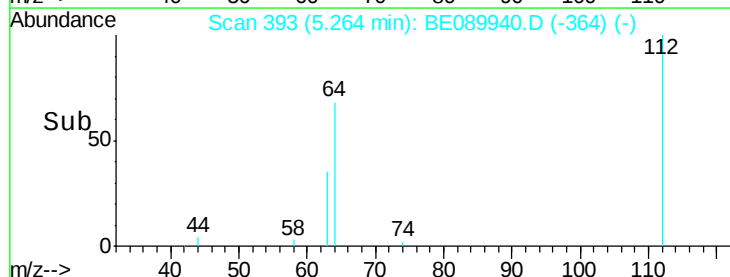
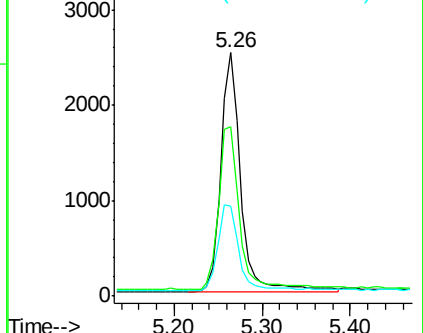
63 38.1 31.2 46.8

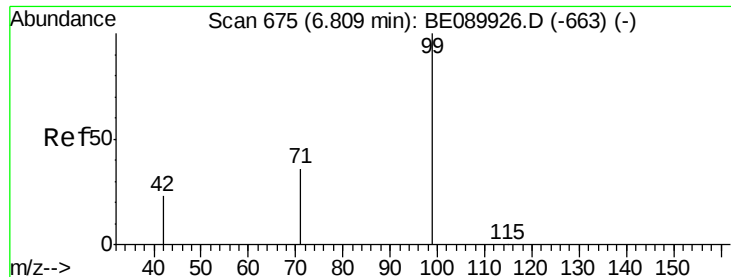


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.82 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

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SSTDCCC001EC

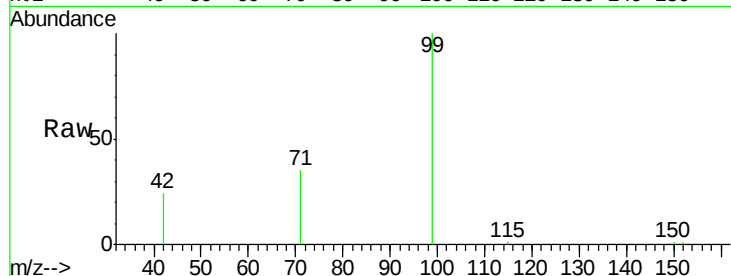
Tgt Ion: 99 Resp: 6204

Ion Ratio Lower Upper

99 100

42 24.8 19.5 29.3

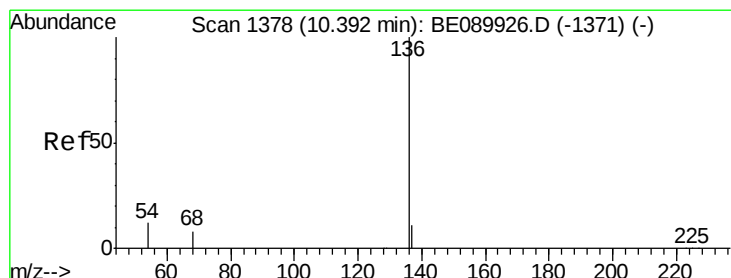
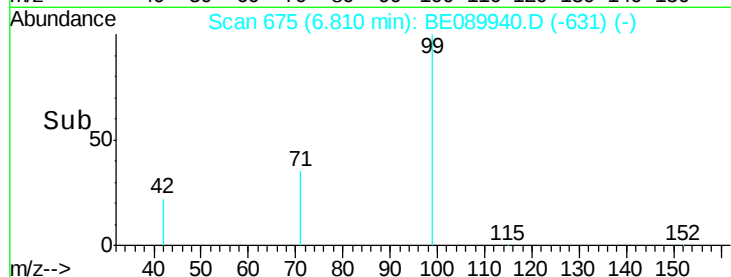
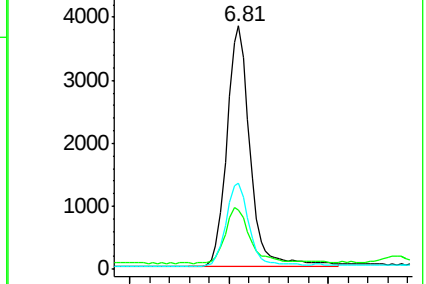
71 34.0 27.8 41.6



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: 10.39 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Tgt Ion: 136 Resp: 127771

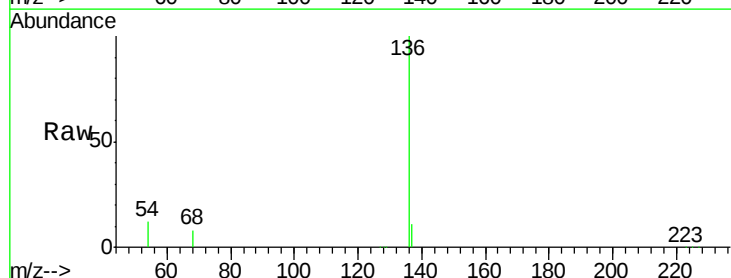
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.7 9.7 14.5

68 7.6 6.5 9.7

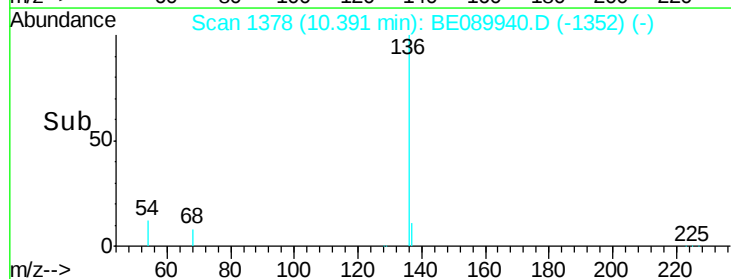
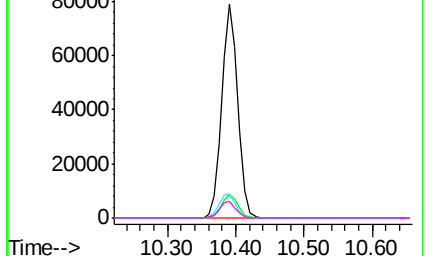


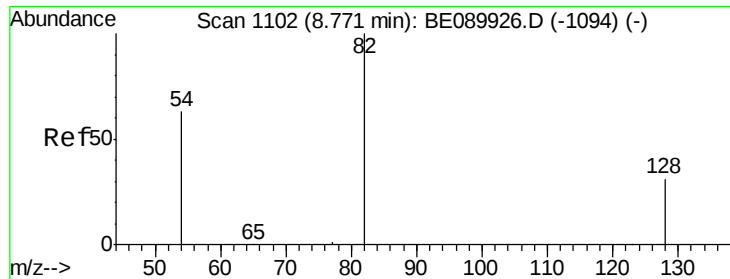
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.86 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

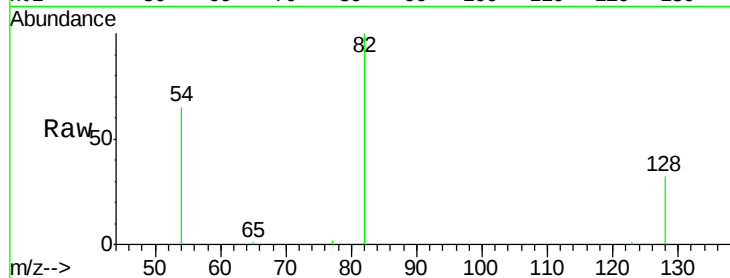
Tgt Ion: 82 Resp: 8194

Ion Ratio Lower Upper

82 100

128 32.0 25.6 38.4

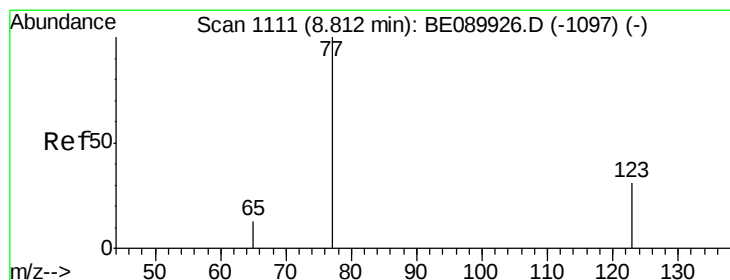
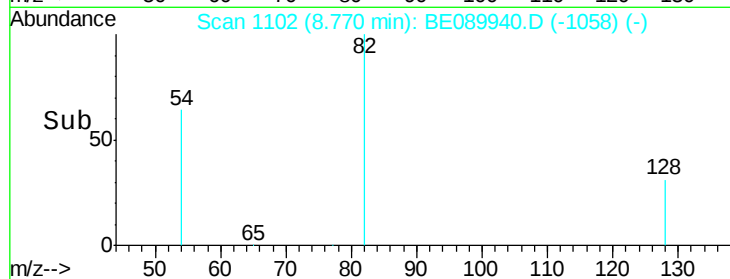
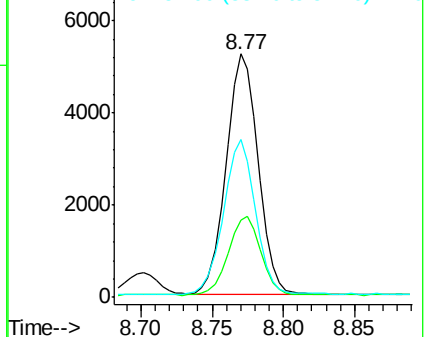
54 64.7 51.2 76.8



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: 0.86 ng

RT: 8.81 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

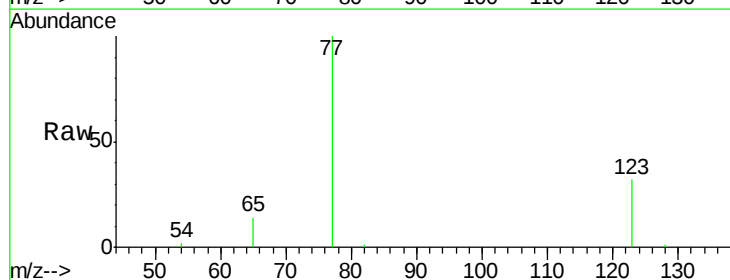
Tgt Ion: 77 Resp: 8735

Ion Ratio Lower Upper

77 100

123 32.9 26.6 39.8

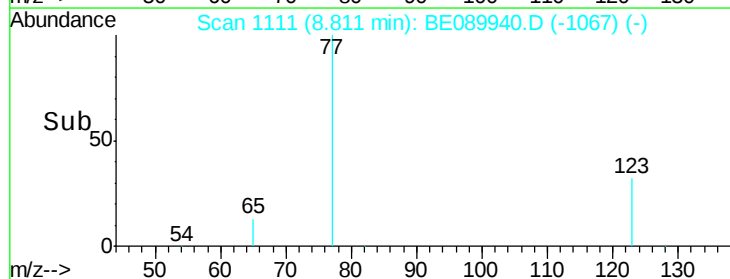
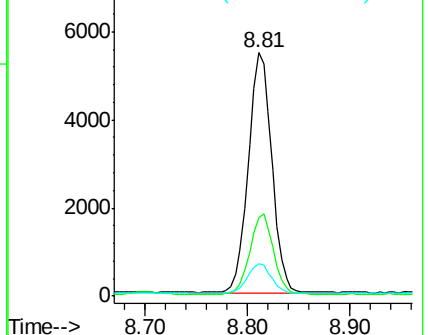
65 12.3 10.2 15.4

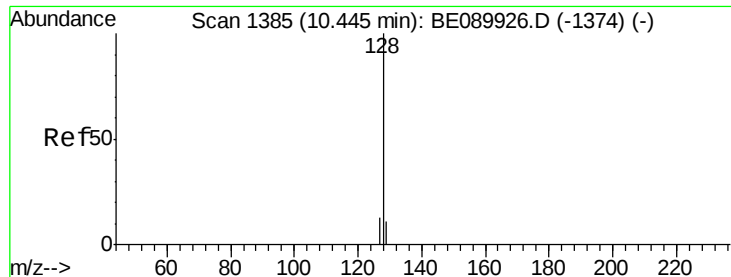


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.92 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

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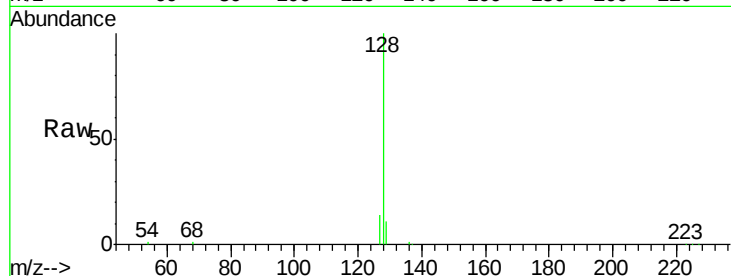
Tgt Ion:128 Resp: 26214

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

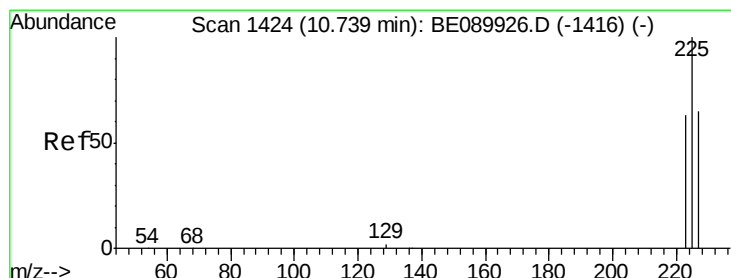
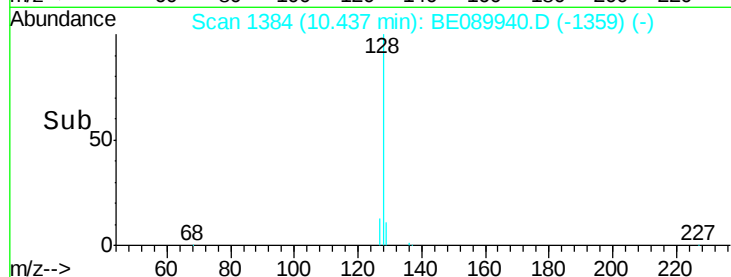
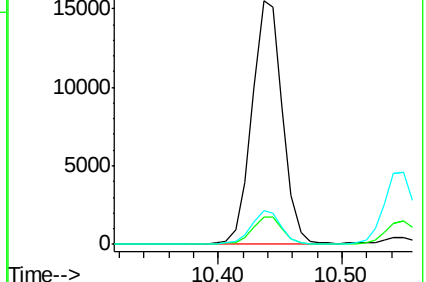
127 13.6 10.2 15.4



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: 0.94 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

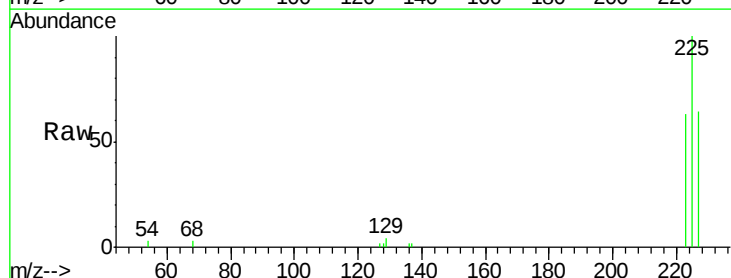
Tgt Ion:225 Resp: 4217

Ion Ratio Lower Upper

225 100

223 62.8 50.0 75.0

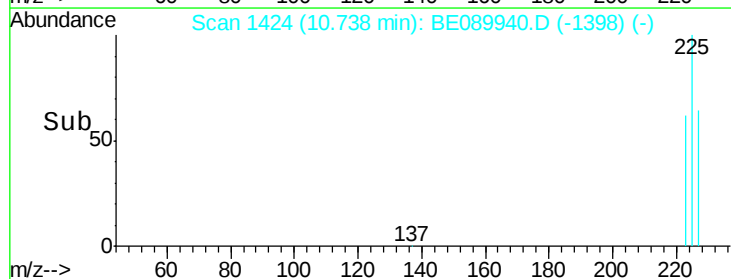
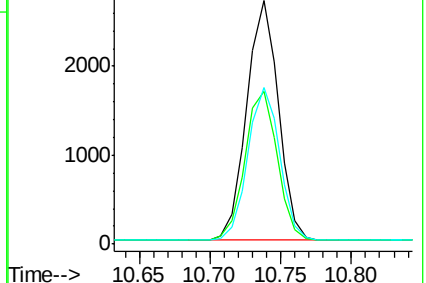
227 64.1 50.7 76.1

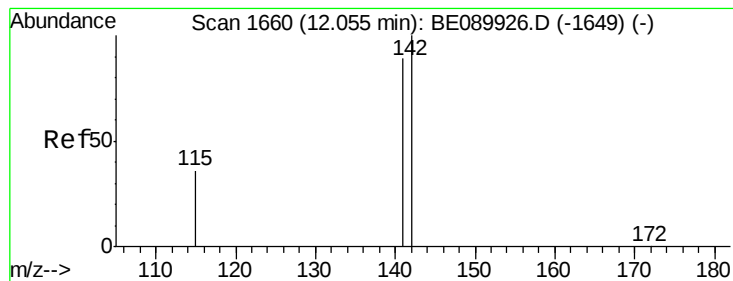


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.90 ng

RT: 12.05 min Scan# 1659

Delta R.T. -0.00 min

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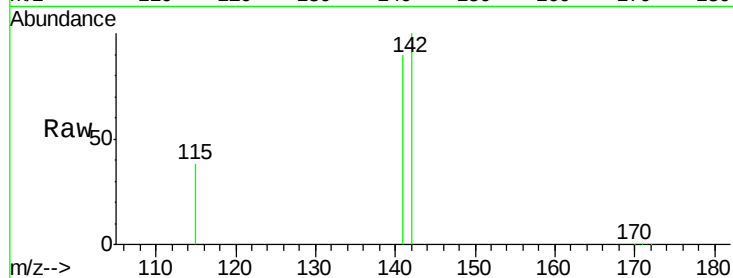
Tgt Ion:142 Resp: 17477

Ion Ratio Lower Upper

142 100

141 89.9 71.1 106.7

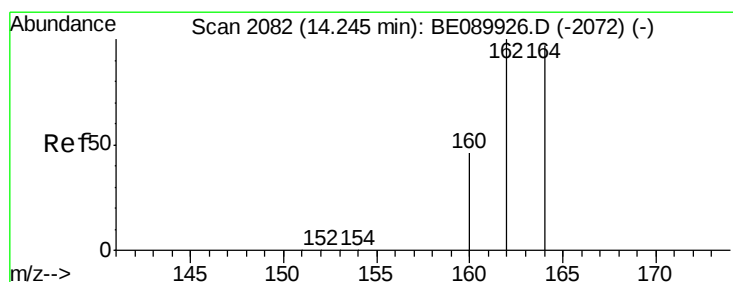
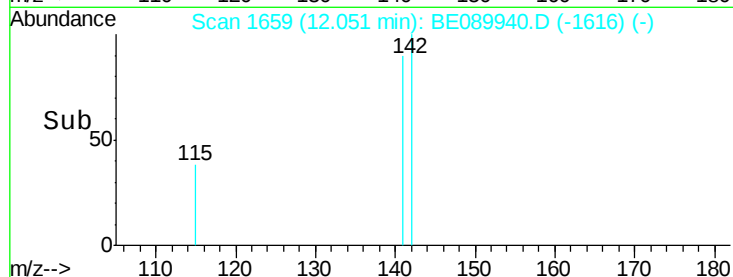
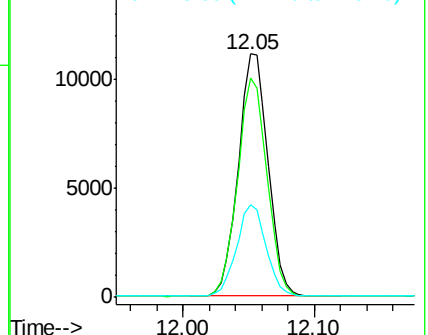
115 38.3 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

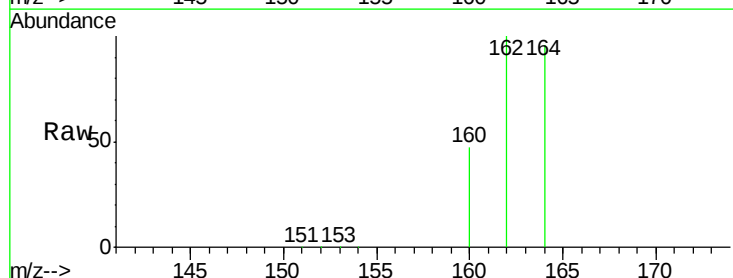
Tgt Ion:164 Resp: 78547

Ion Ratio Lower Upper

164 100

162 104.5 82.7 124.1

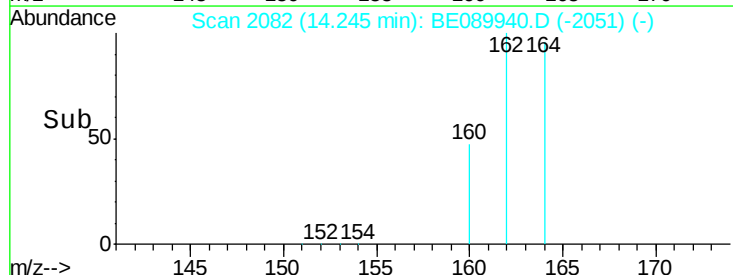
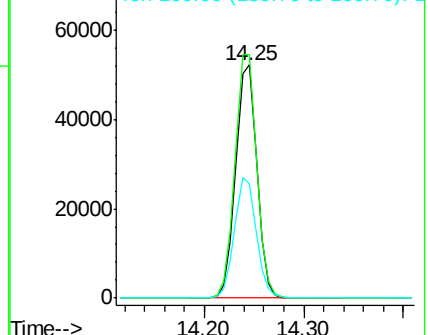
160 49.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

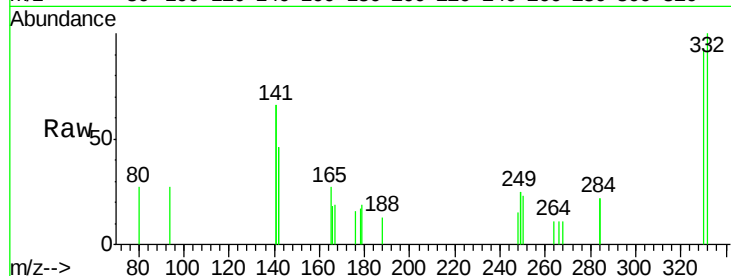




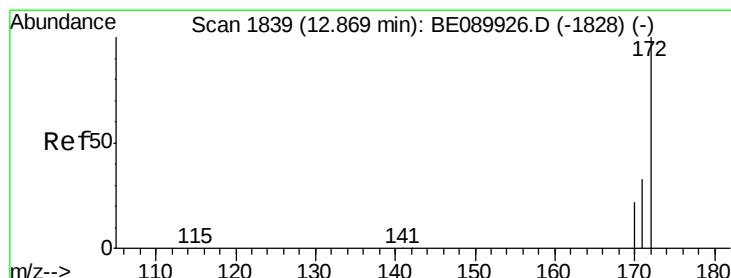
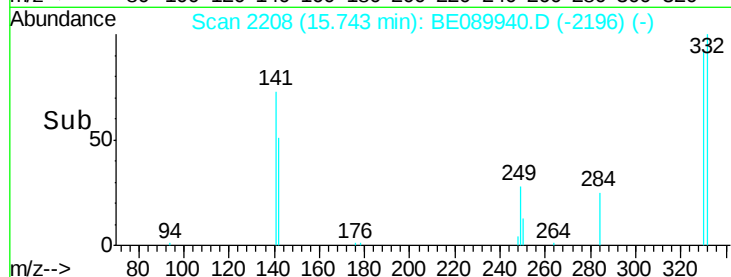
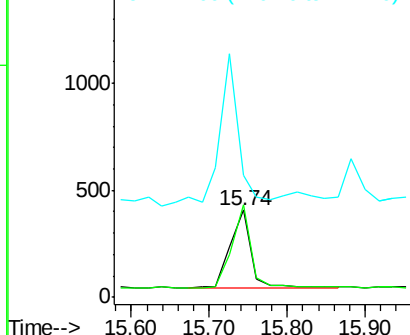
#13
 2,4,6-Tribromophenol
 Concen: 0.77 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089940.D
 Acq: 24 Jun 2015 19:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:330 Resp: 651
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.9 116.9
 141 187.6 142.8 214.2

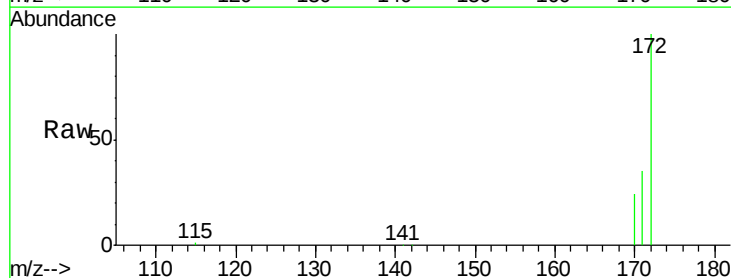


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

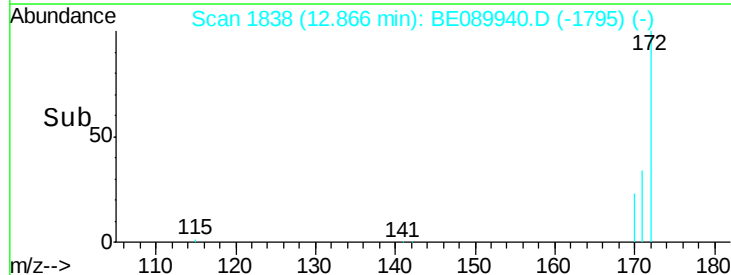
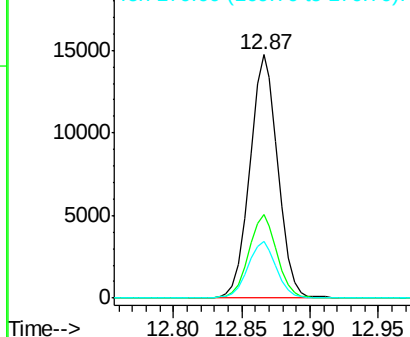


#14
 2-Fluorobiphenyl
 Concen: 0.91 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089940.D
 Acq: 24 Jun 2015 19:38

Tgt Ion:172 Resp: 20749
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.7 40.1
 170 23.5 17.5 26.3



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





#15

Acenaphthylene

Concen: 0.93 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

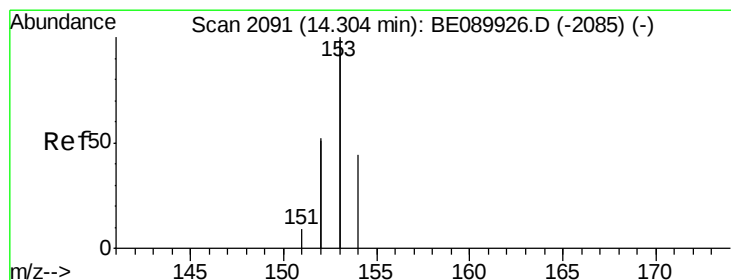
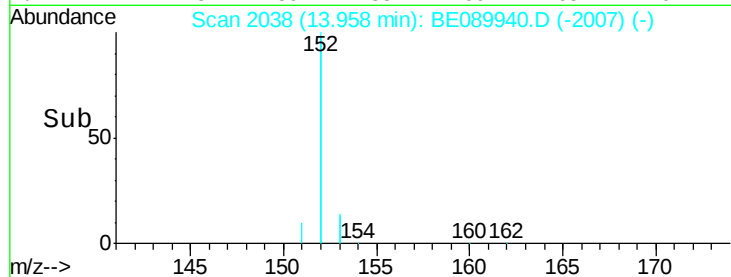
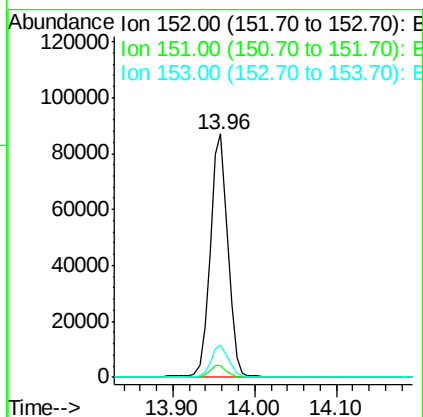
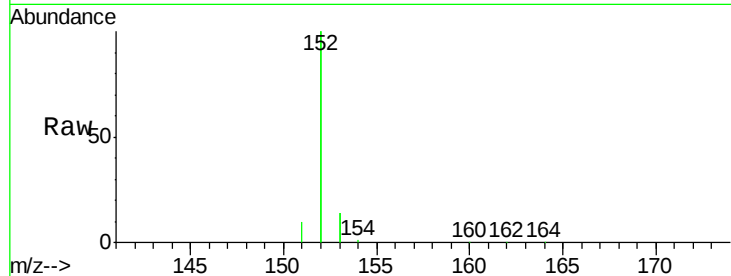
Tgt Ion:152 Resp: 127862

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.95 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

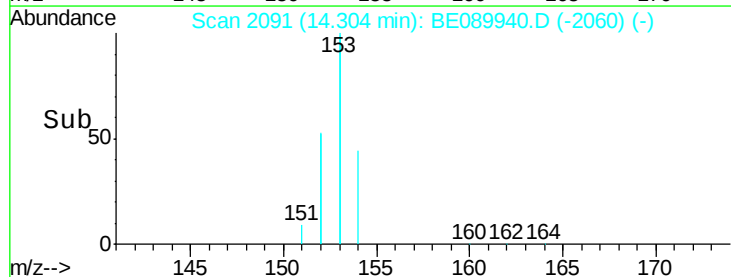
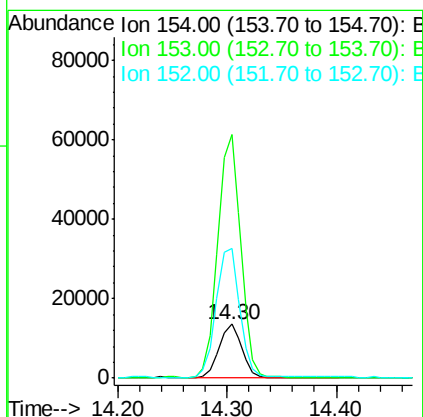
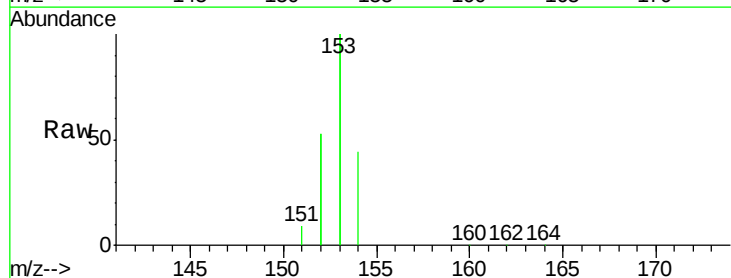
Tgt Ion:154 Resp: 19216

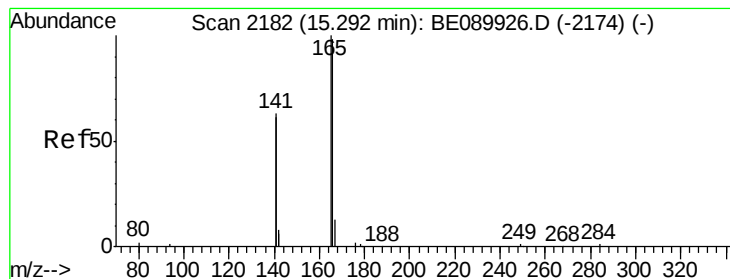
Ion Ratio Lower Upper

154 100

153 456.9 362.8 544.2

152 250.8 194.6 291.8





#17

Fluorene

Concen: 0.99 ng

RT: 15.29 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

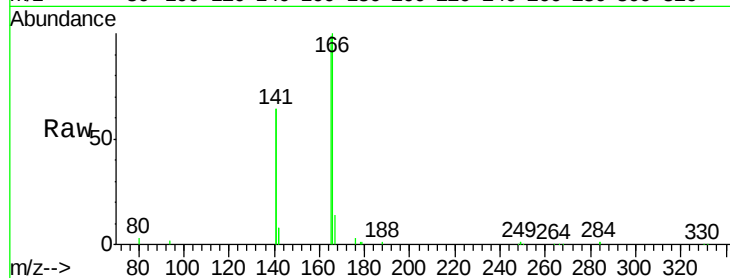
Tgt Ion:166 Resp: 25275

Ion Ratio Lower Upper

166 100

165 99.5 81.1 121.7

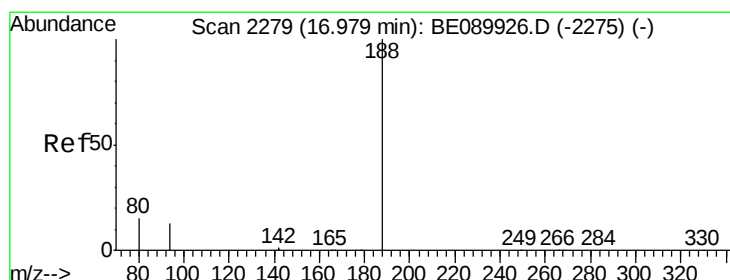
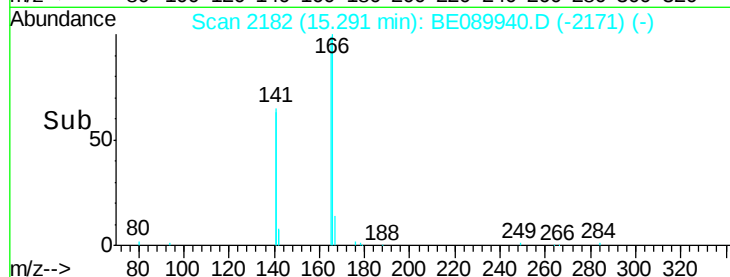
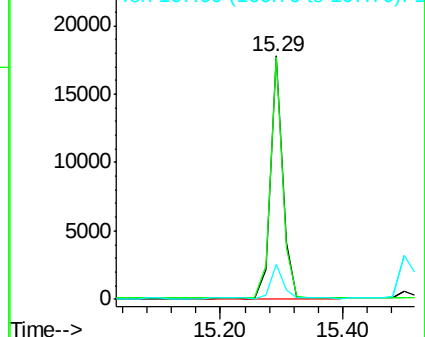
167 14.9 11.8 17.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

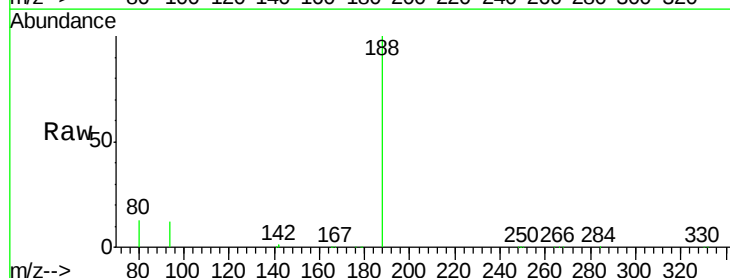
Tgt Ion:188 Resp: 189976

Ion Ratio Lower Upper

188 100

94 12.3 10.6 16.0

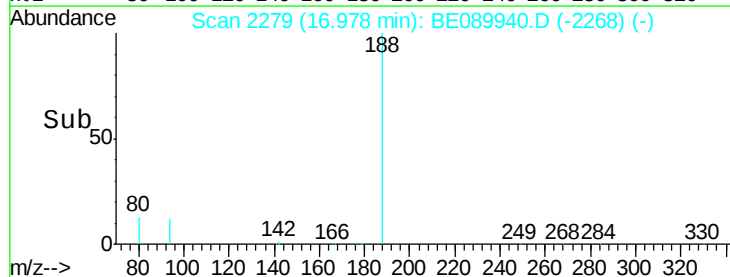
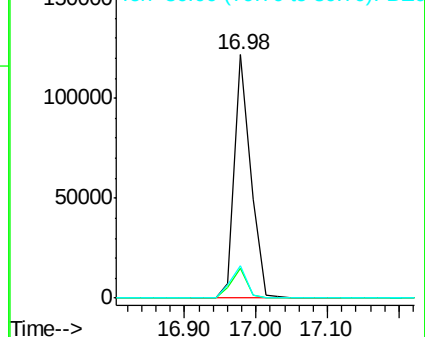
80 13.4 11.8 17.6



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

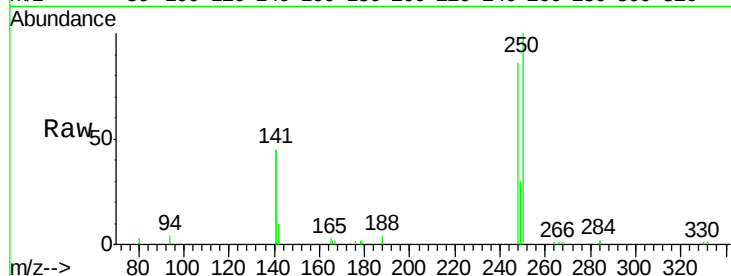




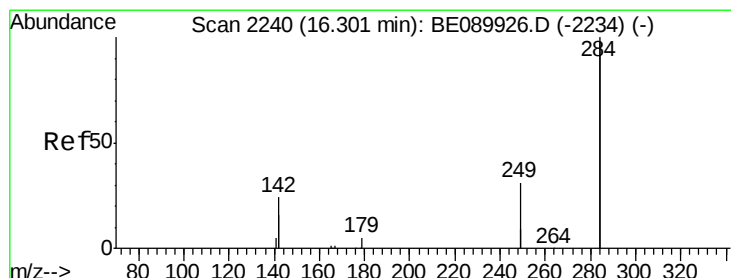
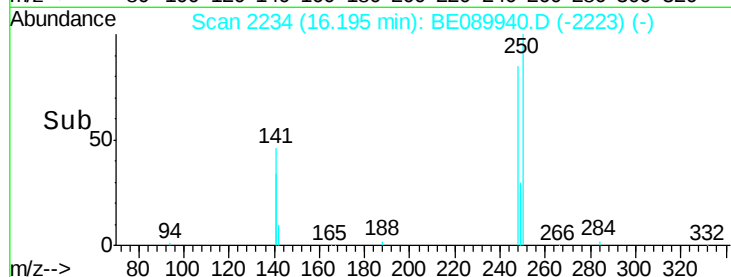
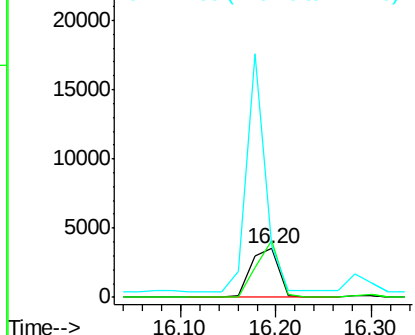
#19
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 16.20 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089940.D
Acq: 24 Jun 2015 19:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 248 Resp: 6853
Ion Ratio Lower Upper
248 100
250 96.6 79.3 118.9
141 335.7 274.1 411.1

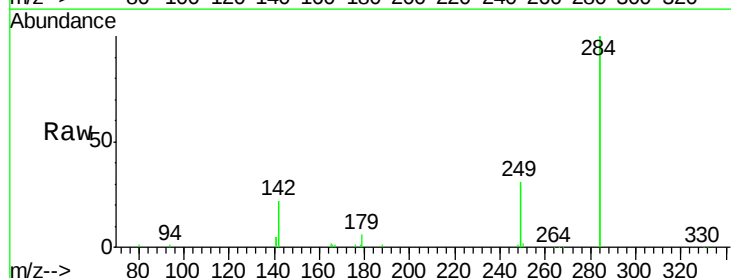


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

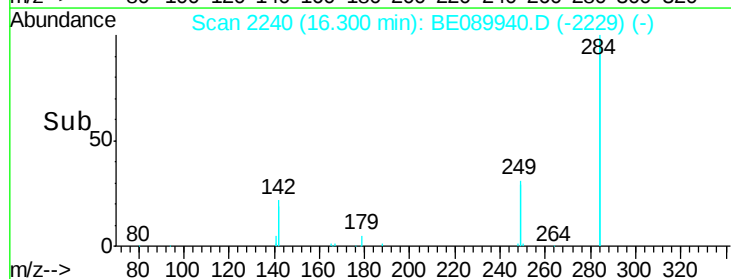
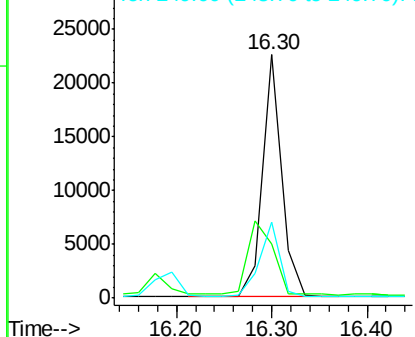


#20
Hexachlorobenzene
Concen: 0.91 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089940.D
Acq: 24 Jun 2015 19:38

Tgt Ion: 284 Resp: 31009
Ion Ratio Lower Upper
284 100
142 40.7 32.0 48.0
249 31.7 25.0 37.6



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

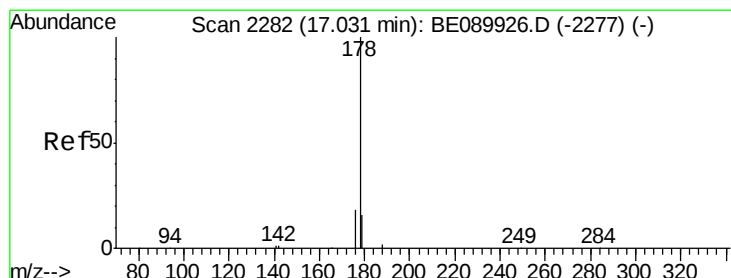
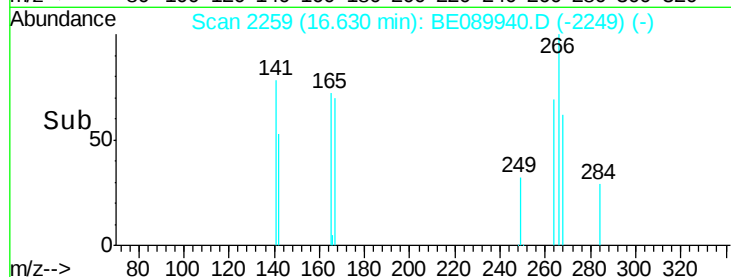
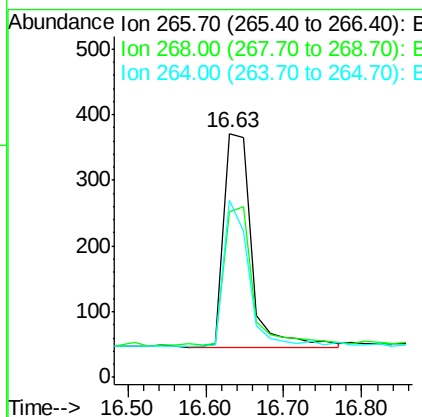
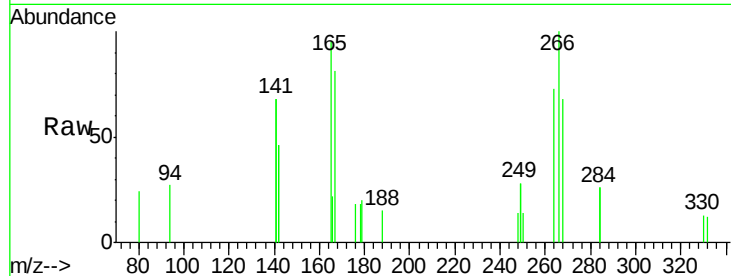




#21
 Pentachlorophenol
 Concen: 0.78 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE089940.D
 Acq: 24 Jun 2015 19:38

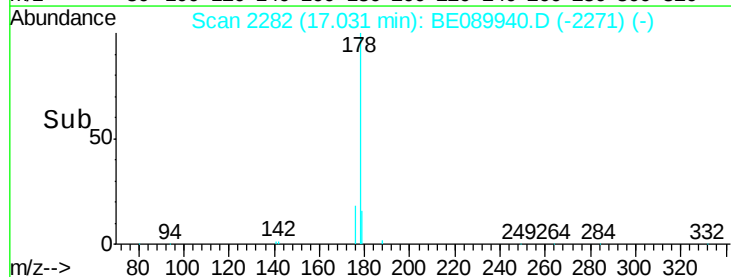
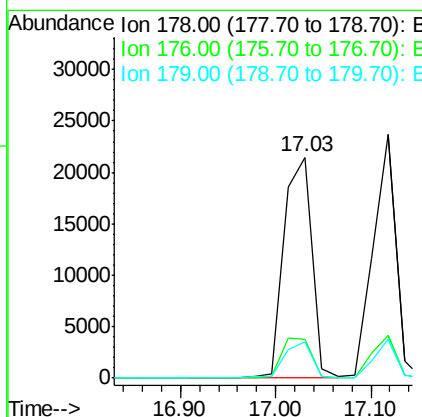
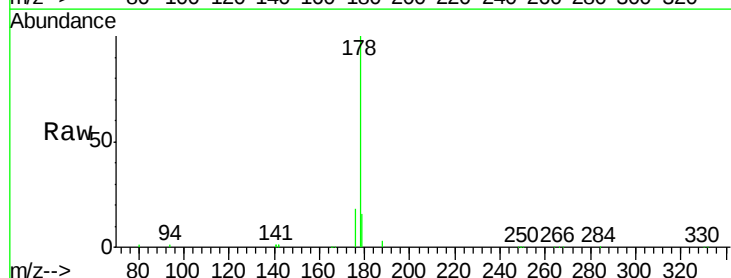
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:266 Resp: 805
 Ion Ratio Lower Upper
 266 100
 268 67.9 54.4 81.6
 264 72.8 48.2 72.2#



#22
 Phenanthrene
 Concen: 0.91 ng
 RT: 17.03 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BE089940.D
 Acq: 24 Jun 2015 19:38

Tgt Ion:178 Resp: 43162
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0





#23

Anthracene

Concen: 0.88 ng

RT: 17.12 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

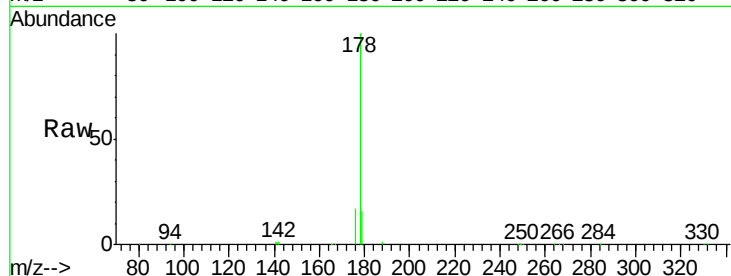
Tgt Ion:178 Resp: 38931

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

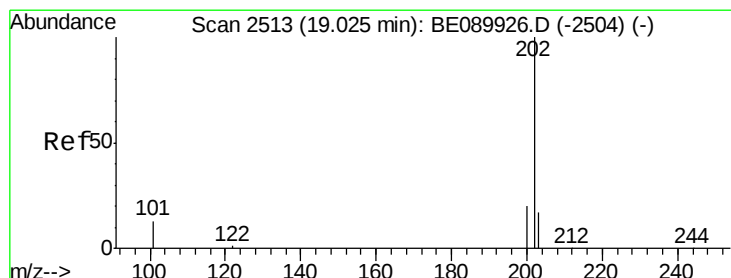
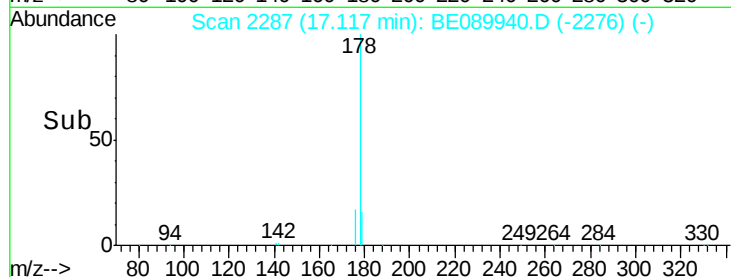
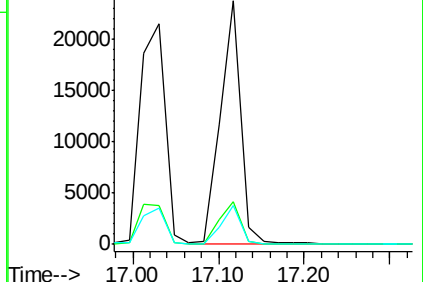
179 15.3 12.3 18.5



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: 0.89 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

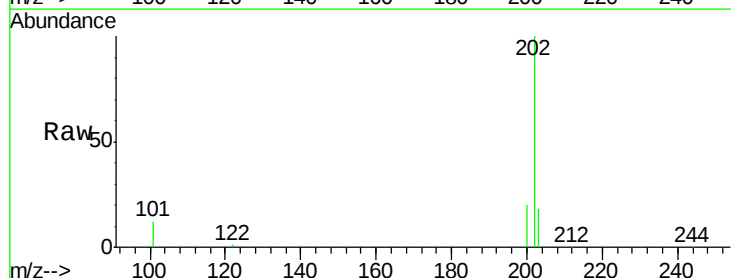
Tgt Ion:202 Resp: 46278

Ion Ratio Lower Upper

202 100

101 12.9 10.6 16.0

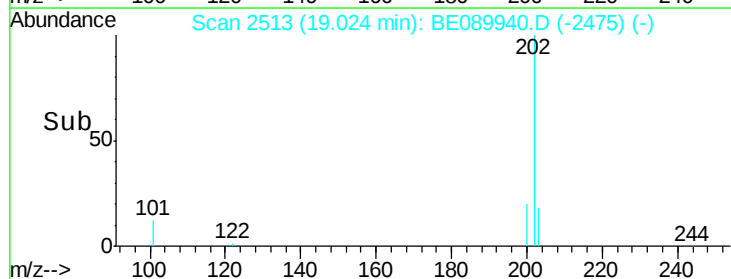
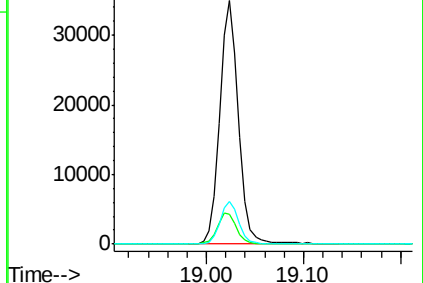
203 17.3 13.8 20.8



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: 21.14 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

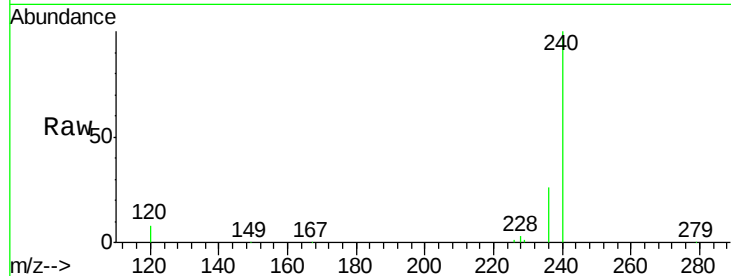
Tgt Ion:240 Resp: 199601

Ion Ratio Lower Upper

240 100

120 8.0 7.9 11.9

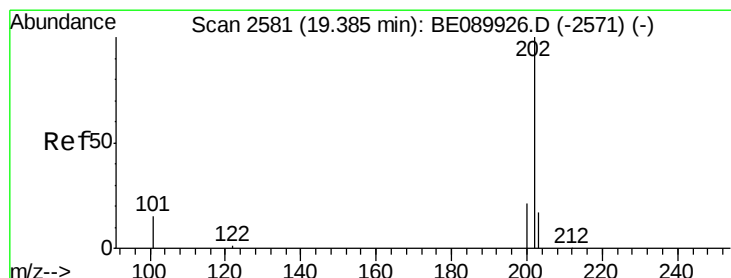
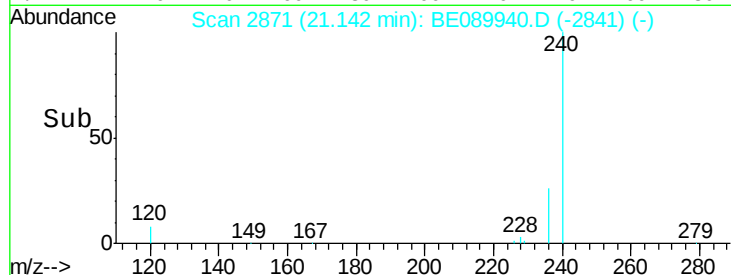
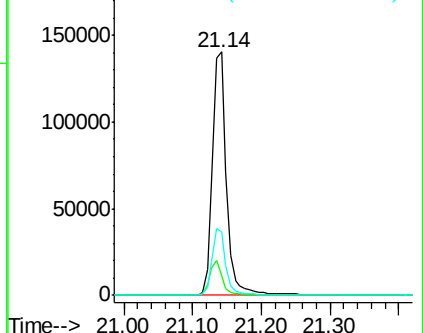
236 25.8 21.2 31.8



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: 0.94 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

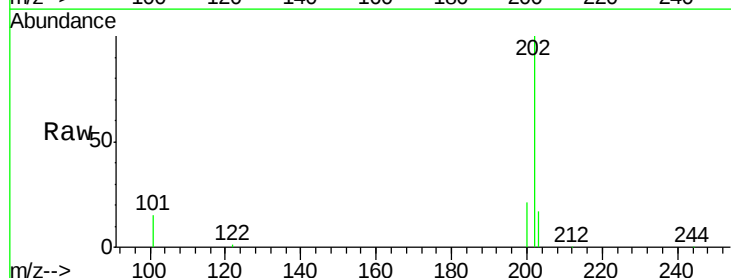
Tgt Ion:202 Resp: 47642

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

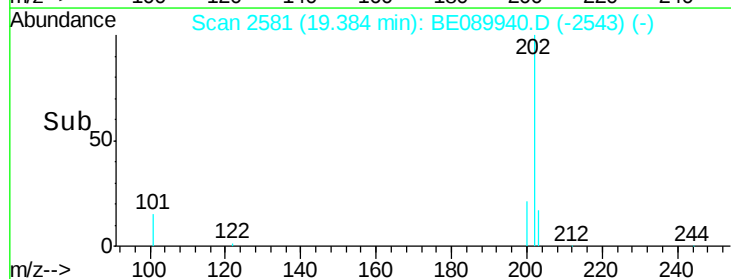
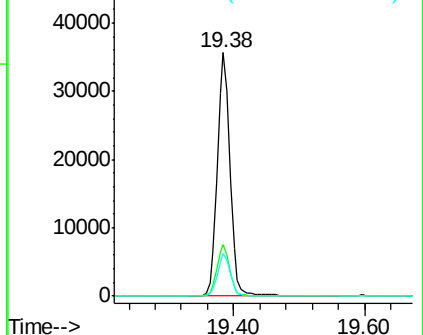
203 17.5 13.9 20.9



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: 0.91 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

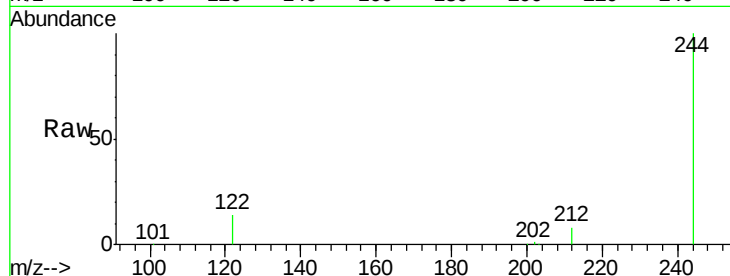
Tgt Ion:244 Resp: 31248

Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

122 13.7 8.7 13.1#

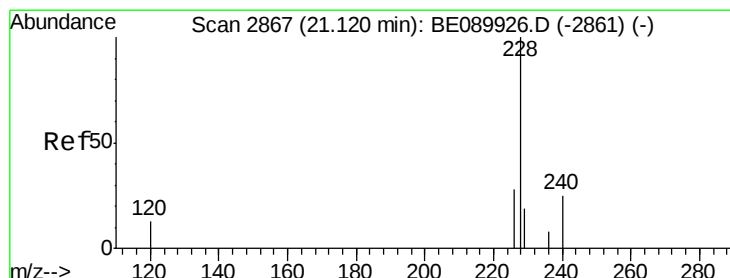
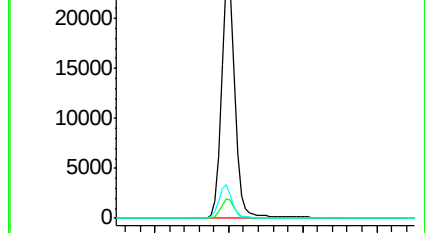
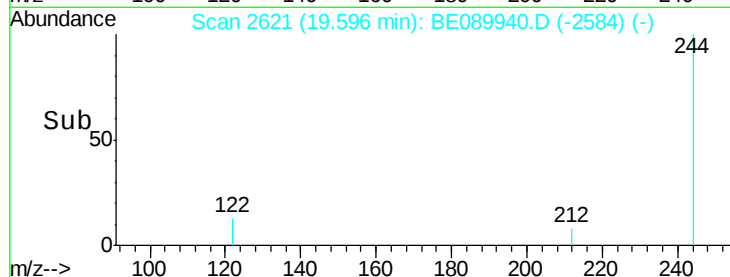


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#28

Benzo(a)anthracene

Concen: 0.89 ng

RT: 21.12 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

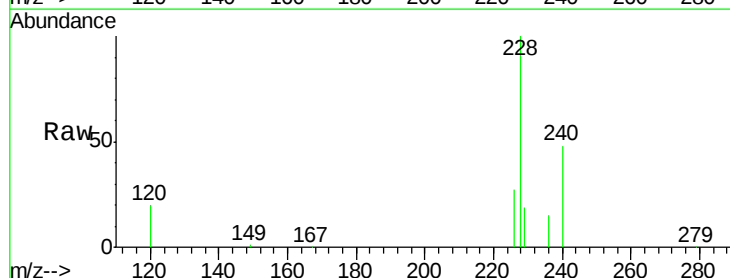
Tgt Ion:228 Resp: 42629

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.4

229 19.5 15.3 22.9

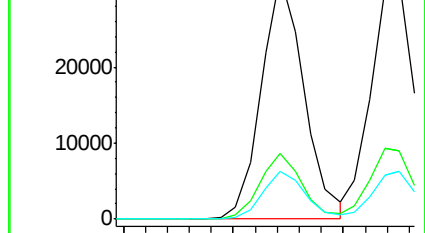
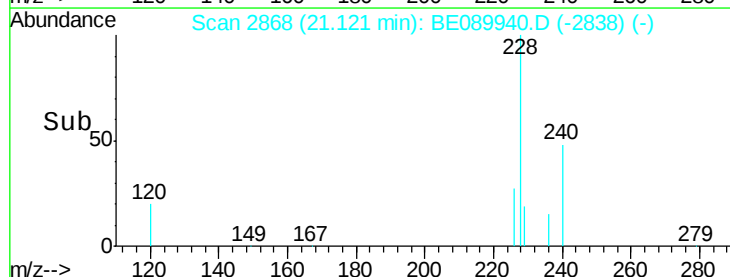


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#29

Chrysene

Concen: 0.90 ng

RT: 21.18 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

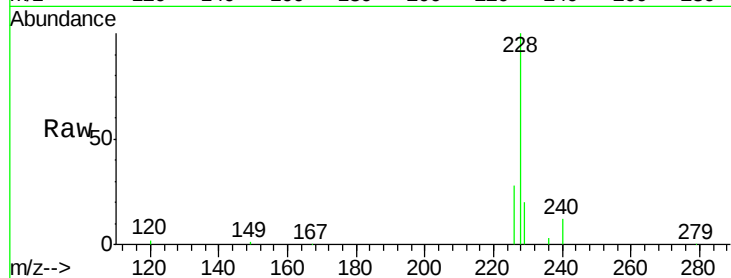
Tgt Ion:228 Resp: 46693

Ion Ratio Lower Upper

228 100

226 28.4 23.7 35.5

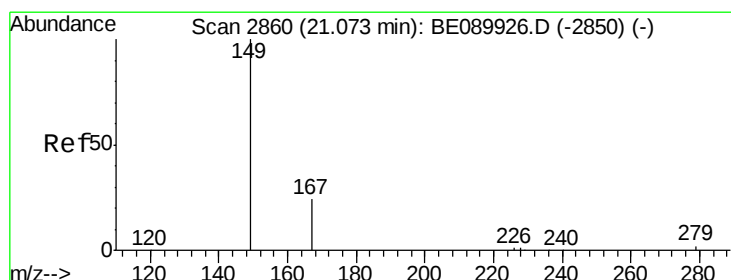
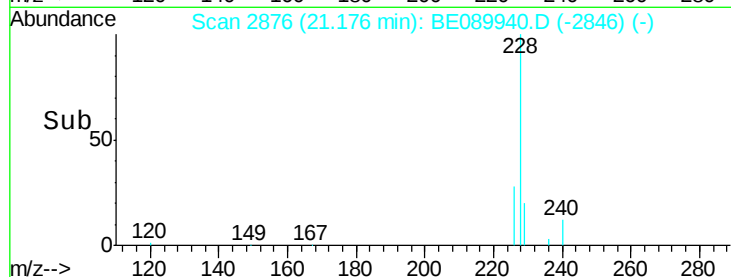
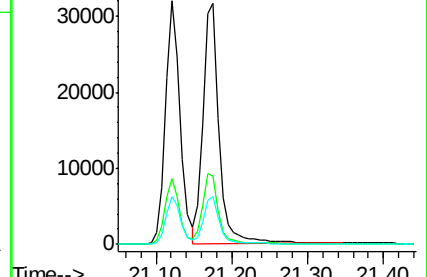
229 19.8 15.8 23.8



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: 0.76 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

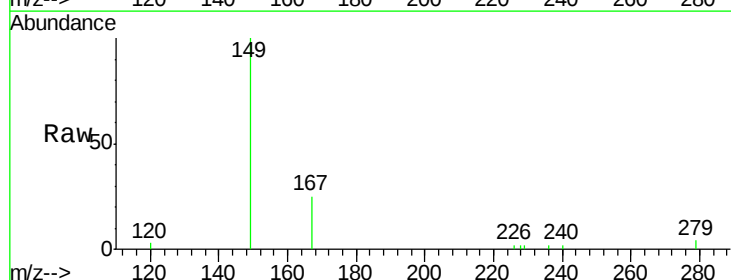
Tgt Ion:149 Resp: 3101

Ion Ratio Lower Upper

149 100

167 24.4 20.3 30.5

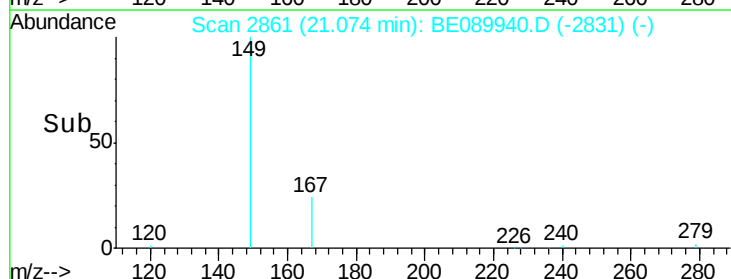
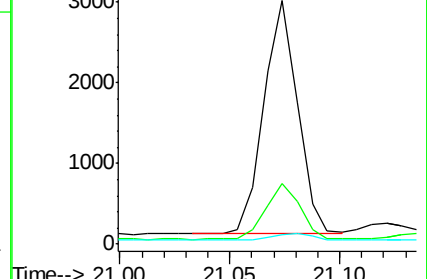
279 3.3 2.7 4.1

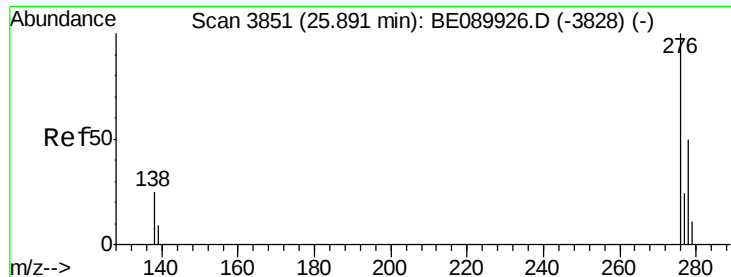


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

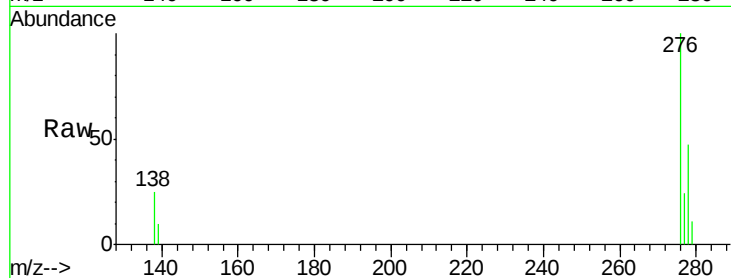




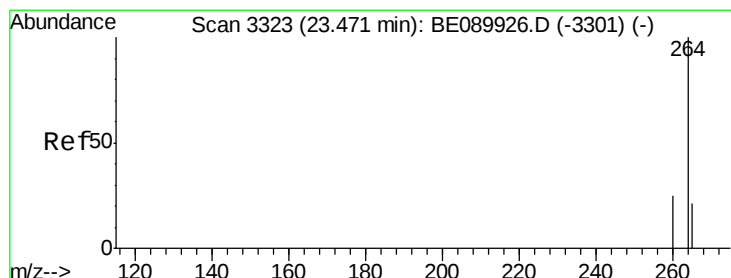
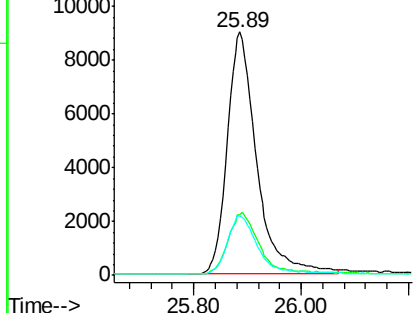
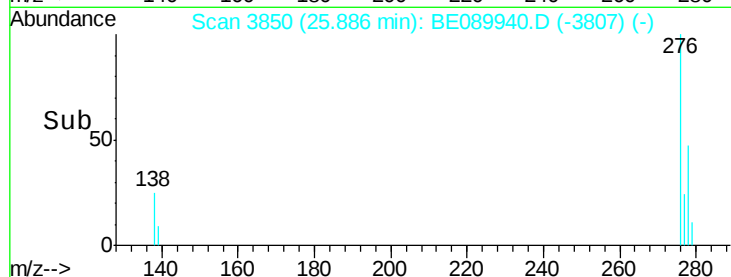
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.90 ng
 RT: 25.89 min Scan# 3850
 Delta R.T. -0.00 min
 Lab File: BE089940.D
 Acq: 24 Jun 2015 19:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 276 Resp: 34425
 Ion Ratio Lower Upper
 276 100
 138 26.4 0.0 0.0#
 277 24.4 0.0 0.0#

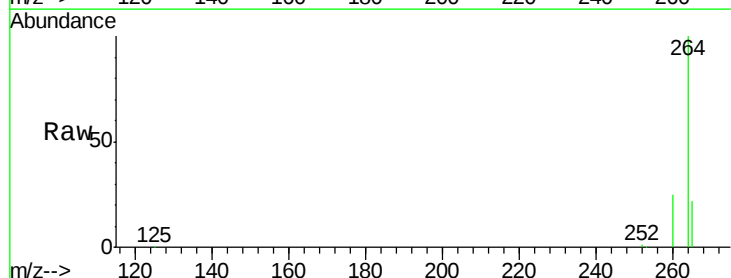


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

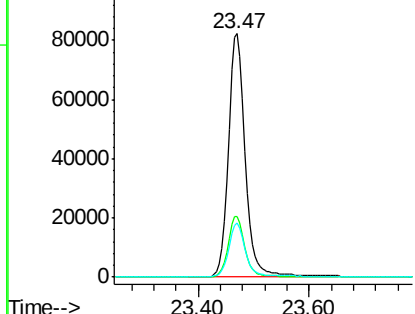
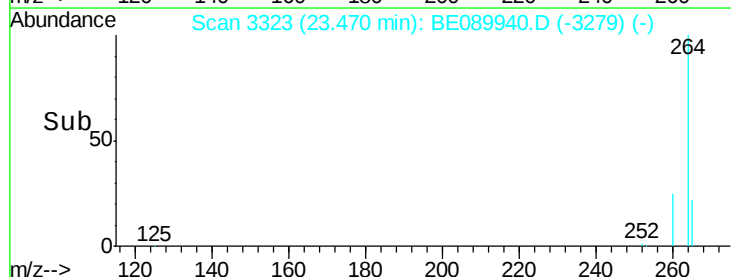


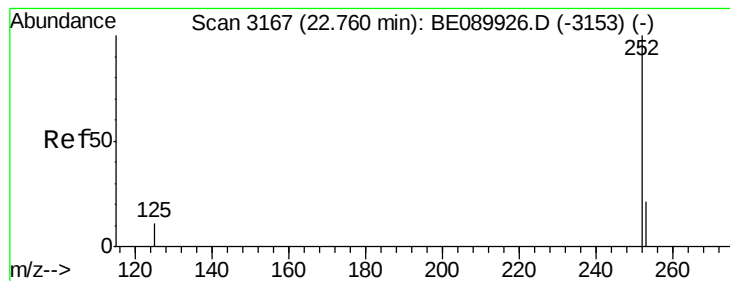
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 3323
 Delta R.T. -0.00 min
 Lab File: BE089940.D
 Acq: 24 Jun 2015 19:38

Tgt Ion: 264 Resp: 171293
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.6
 265 22.1 17.3 25.9



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: 0.94 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

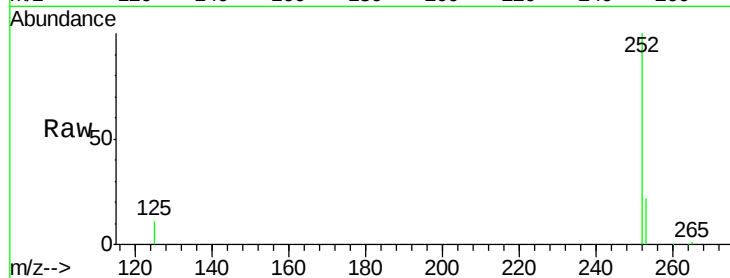
Tgt Ion:252 Resp: 34004

Ion Ratio Lower Upper

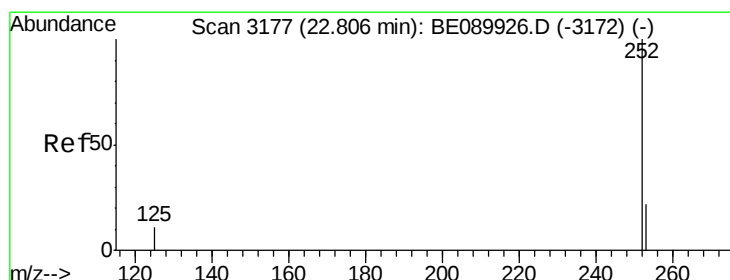
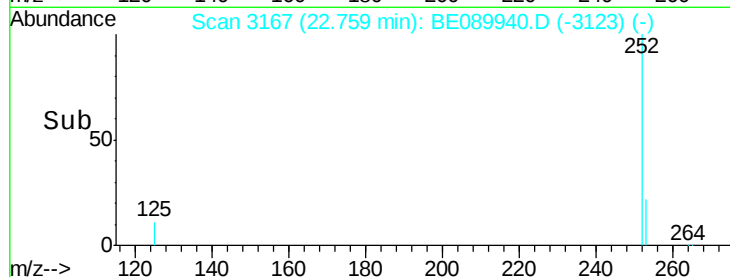
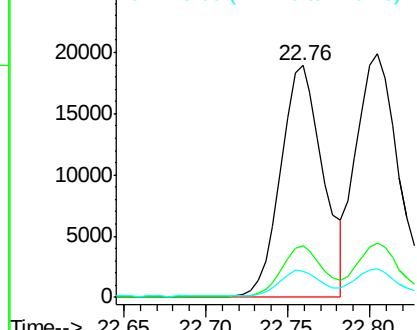
252 100

253 22.0 17.3 25.9

125 11.2 9.3 13.9



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



#34

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

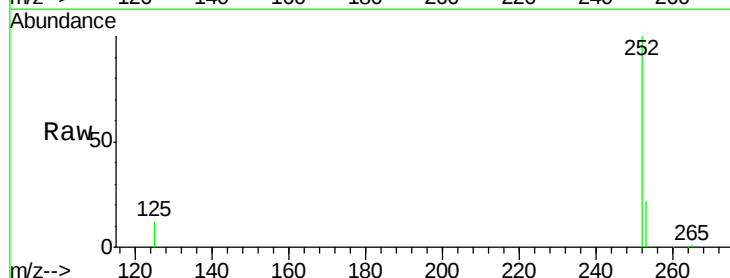
Tgt Ion:252 Resp: 38496

Ion Ratio Lower Upper

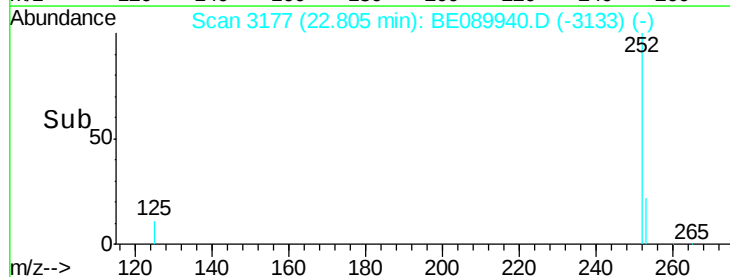
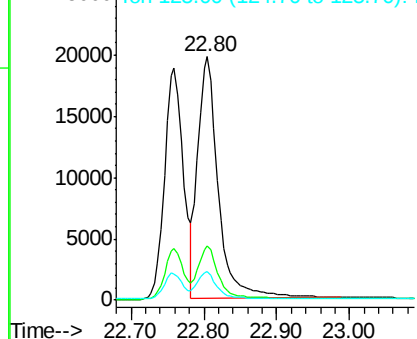
252 100

253 22.1 17.9 26.9

125 11.5 9.2 13.8



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: 0.90 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

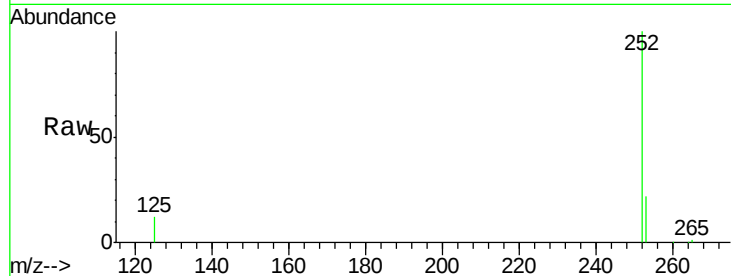
Tgt Ion: 252 Resp: 29085

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

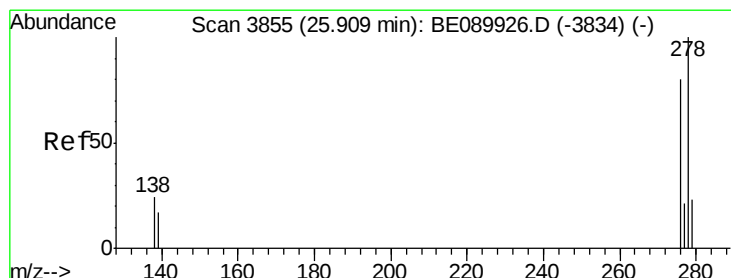
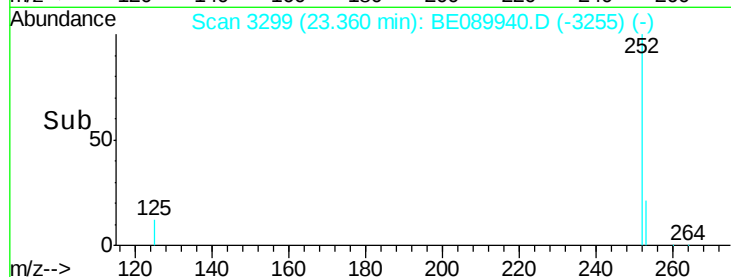
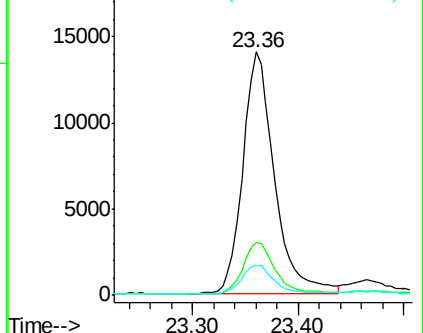
125 12.3 10.3 15.5



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: 0.91 ng

RT: 25.91 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BE089940.D

Acq: 24 Jun 2015 19:38

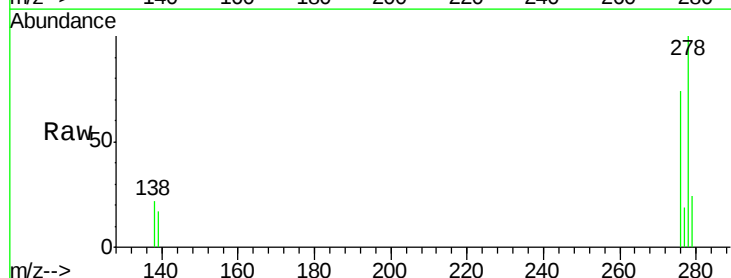
Tgt Ion: 278 Resp: 27147

Ion Ratio Lower Upper

278 100

139 17.4 14.1 21.1

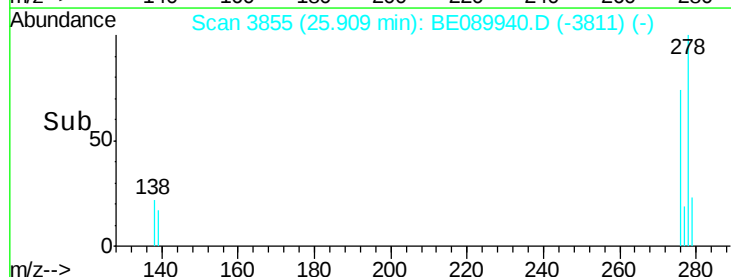
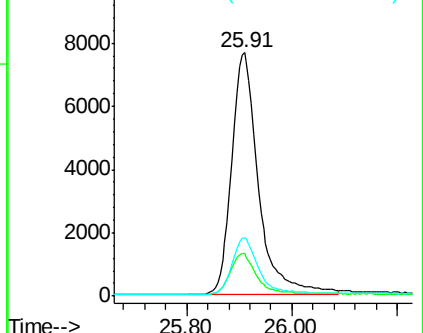
279 24.1 19.0 28.6



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: 0.92 ng

RT: 26.63 min Scan# 4013

Delta R.T. 0.00 min

Lab File: BE089940.D

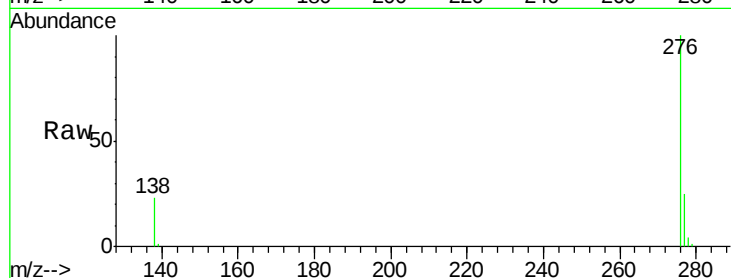
Acq: 24 Jun 2015 19:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



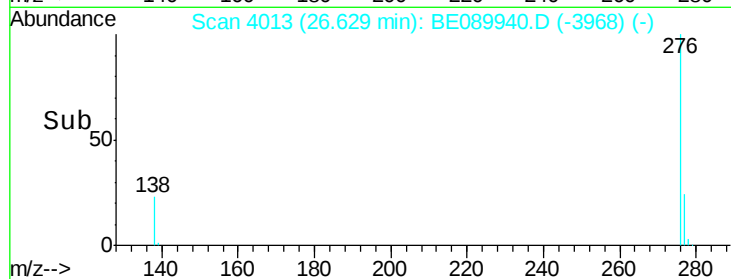
Tgt Ion: 276 Resp: 29617

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 23.3 18.8 28.2



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

