

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089986.D
 Acq On : 29 Jun 2015 16:45
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 30 06:06:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 06:02:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25148	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	106446	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	63863	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	156710	5.00	ng	0.00
25) Chrysene-d12	21.13	240	191926	5.00	ng	0.00
32) Perylene-d12	23.46	264	184965	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4810	1.02	ng	0.00
5) Phenol-d6	6.80	99	6696	0.94	ng	0.00
7) Nitrobenzene-d5	8.76	82	7033	0.87	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1510	1.56	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	16093	0.85	ng	0.00
27) Terphenyl-d14	19.59	244	27611	0.83	ng	0.00

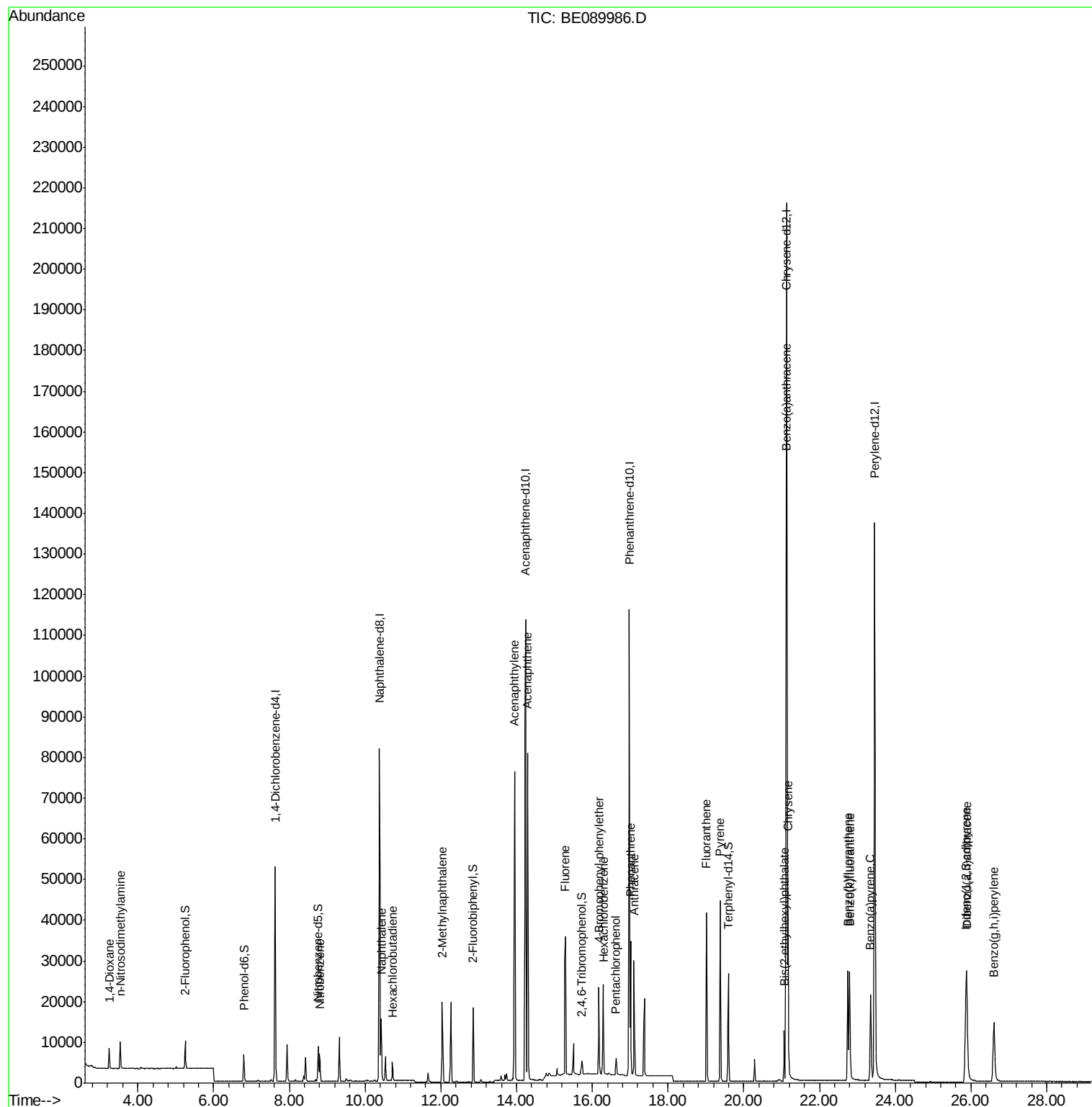
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	2901	0.84	ng	97
3) n-Nitrosodimethylamine	3.53	42	3925	0.86	ng	99
8) Nitrobenzene	8.80	77	7484	0.87	ng	100
9) Naphthalene	10.43	128	20227	0.85	ng	99
10) Hexachlorobutadiene	10.72	225	3208	0.85	ng	100
11) 2-Methylnaphthalene	12.05	142	13552	0.83	ng	96
15) Acenaphthylene	13.95	152	96538	0.86	ng	100
16) Acenaphthene	14.29	154	14074	0.85	ng	99
17) Fluorene	15.29	166	18849	0.84	ng	99
19) 4-Bromophenyl-phenylether	16.18	248	5629	0.87	ng	98
20) Hexachlorobenzene	16.30	284	23486	0.83	ng	99
21) Pentachlorophenol	16.63	266	2028	1.56	ng	97
22) Phenanthrene	17.01	178	33656	0.85	ng	100
23) Anthracene	17.10	178	31211	0.85	ng	100
24) Fluoranthene	19.02	202	37520	0.87	ng	99
26) Pyrene	19.38	202	39247	0.81	ng	100
28) Benzo(a)anthracene	21.12	228	40452	0.87	ng	99
29) Chrysene	21.16	228	42099	0.83	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	11275	1.98	ng	100
31) Indeno(1,2,3-cd)pyrene	25.86	276	40426	1.05	ng	100
33) Benzo(b)fluoranthene	22.75	252	34811	0.88	ng	99
34) Benzo(k)fluoranthene	22.79	252	38735	0.86	ng	100
35) Benzo(a)pyrene	23.35	252	31995	0.90	ng	99
36) Dibenzo(a,h)anthracene	25.89	278	32987	0.99	ng	100
37) Benzo(g,h,i)perylene	26.61	276	33395	0.94	ng	99

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

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QLast Update : Tue Jun 30 06:02:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 854

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

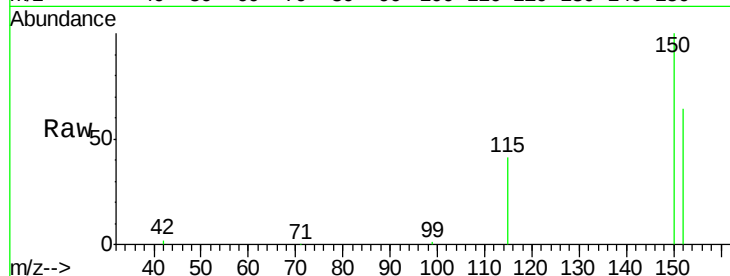
Tgt Ion:152 Resp: 25148

Ion Ratio Lower Upper

152 100

150 155.9 123.9 185.9

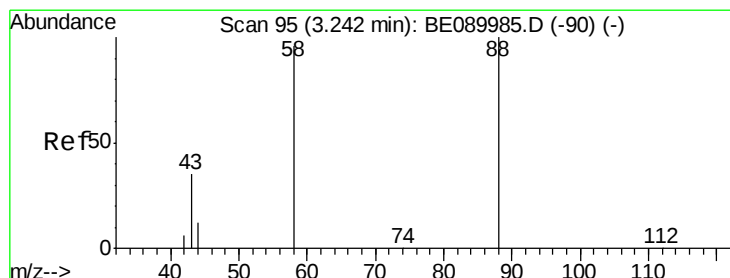
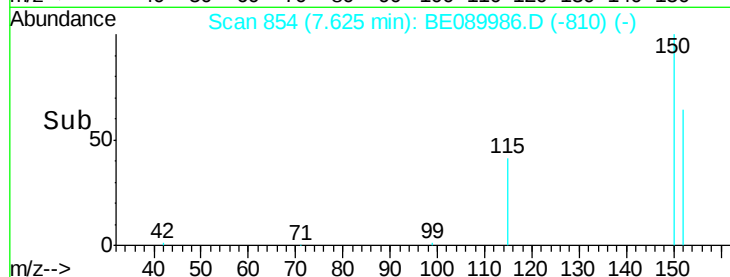
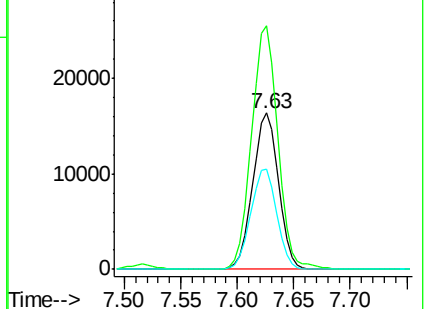
115 63.9 50.6 76.0



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: 0.84 ng

RT: 3.24 min Scan# 95

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

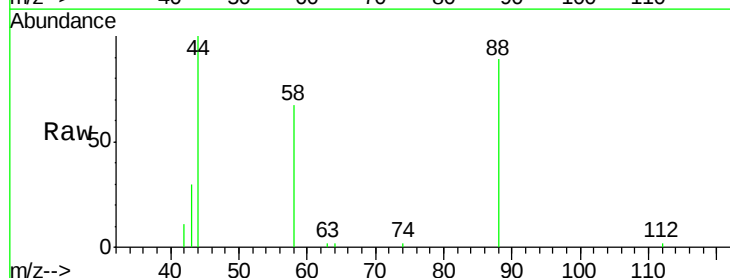
Tgt Ion: 88 Resp: 2901

Ion Ratio Lower Upper

88 100

58 86.0 70.9 106.3

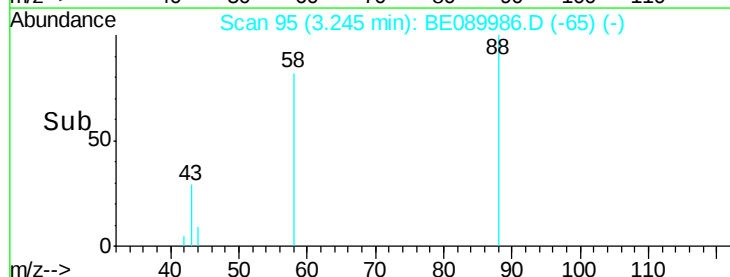
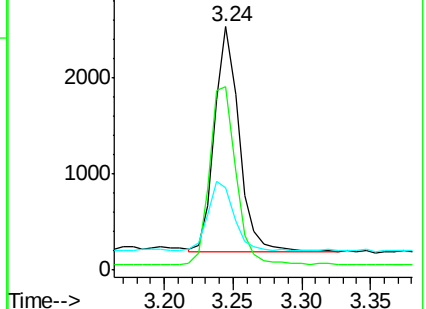
43 32.5 27.6 41.4

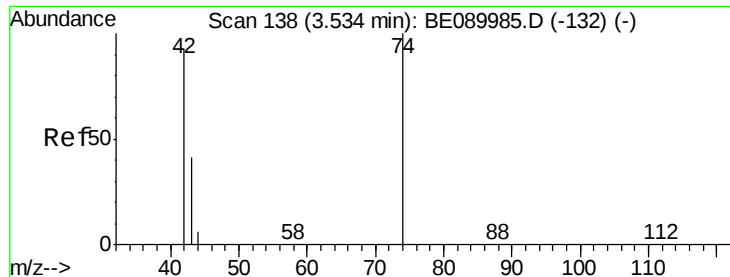


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



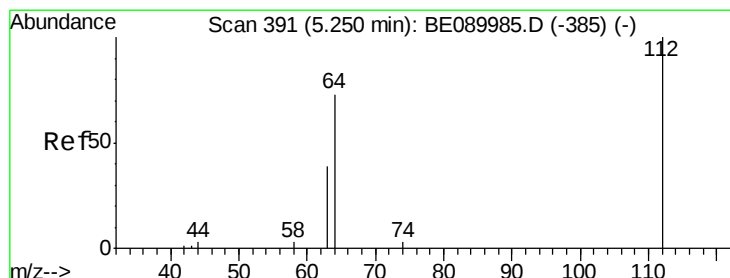
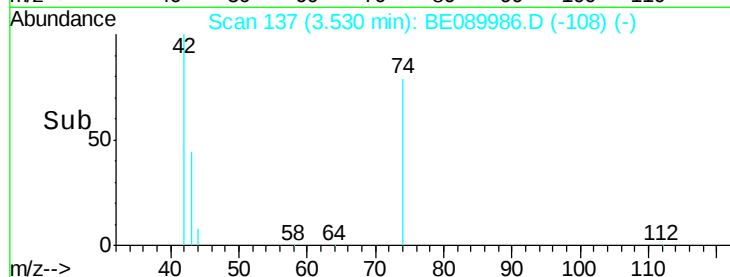
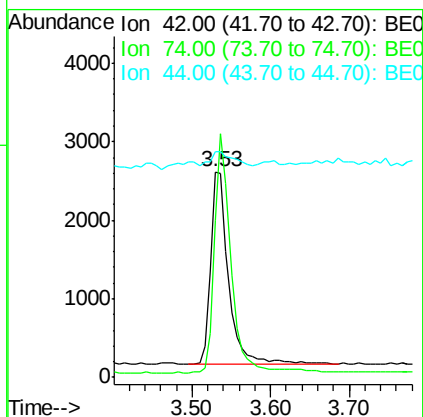
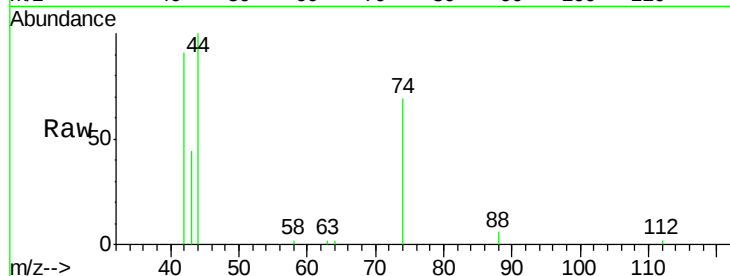


#3

n-Nitrosodimethylamine
Concen: 0.86 ng
RT: 3.53 min Scan# 137
Delta R.T. -0.00 min
Lab File: BE089986.D
Acq: 29 Jun 2015 16:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

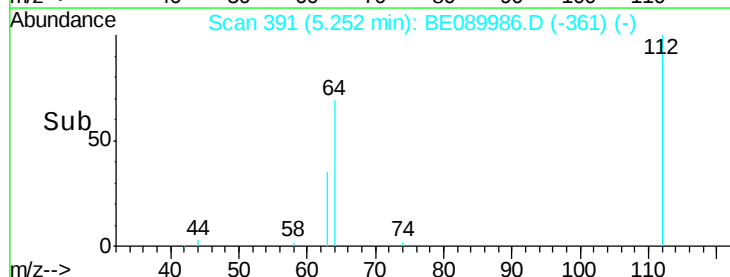
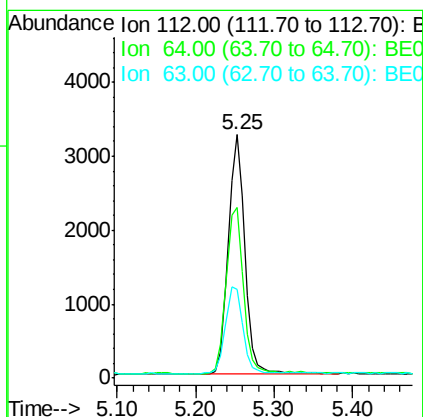
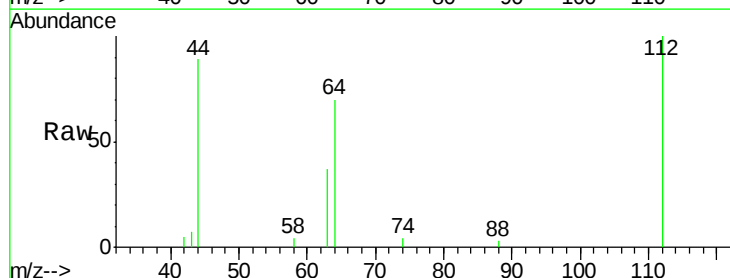
Tgt Ion: 42 Resp: 3925
Ion Ratio Lower Upper
42 100
74 110.7 89.4 134.2
44 9.0 6.9 10.3

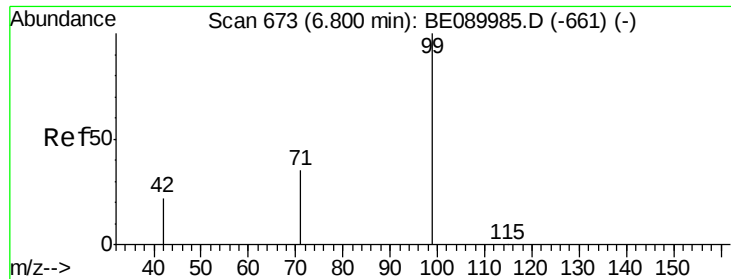


#4

2-Fluorophenol
Concen: 1.02 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089986.D
Acq: 29 Jun 2015 16:45

Tgt Ion: 112 Resp: 4810
Ion Ratio Lower Upper
112 100
64 70.8 56.3 84.5
63 38.2 29.8 44.6





#5

Phenol-d6

Concen: 0.94 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

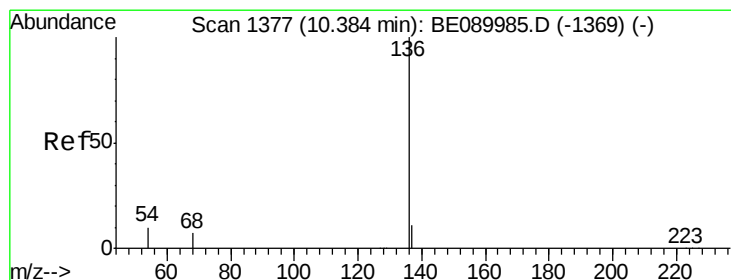
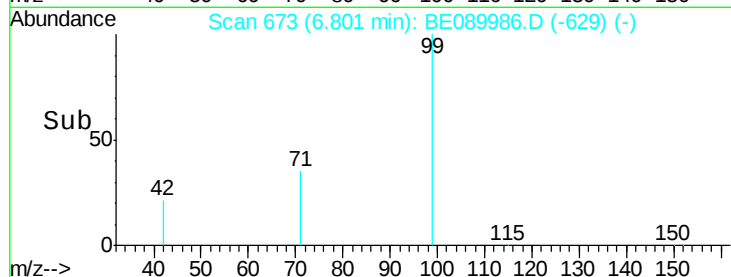
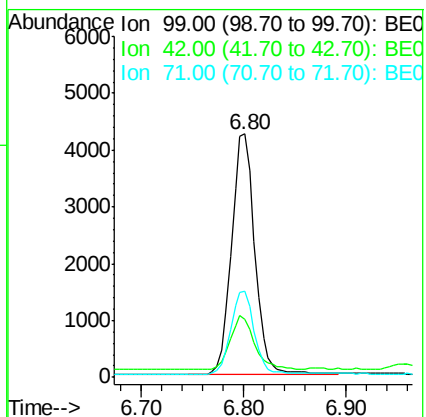
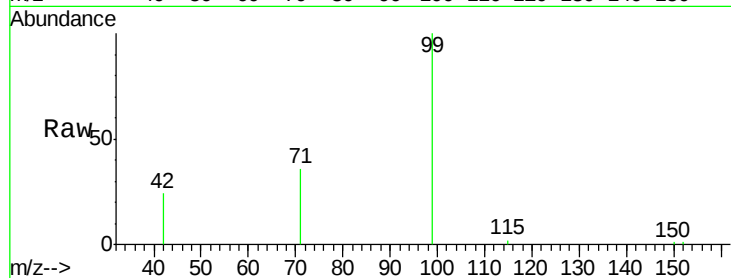
Tgt Ion: 99 Resp: 6696

Ion Ratio Lower Upper

99 100

42 22.8 18.7 28.1

71 34.9 27.5 41.3



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Tgt Ion: 136 Resp: 106446

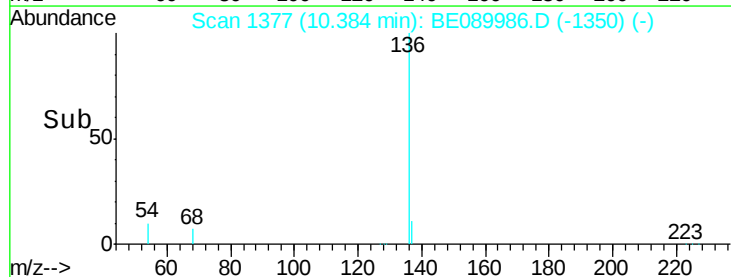
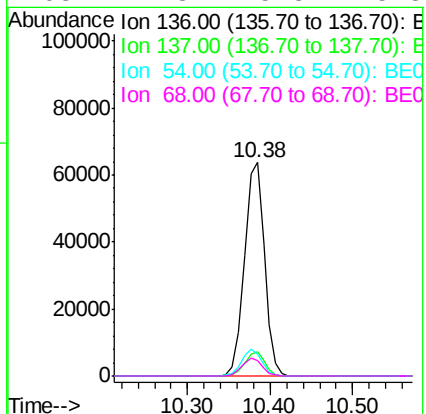
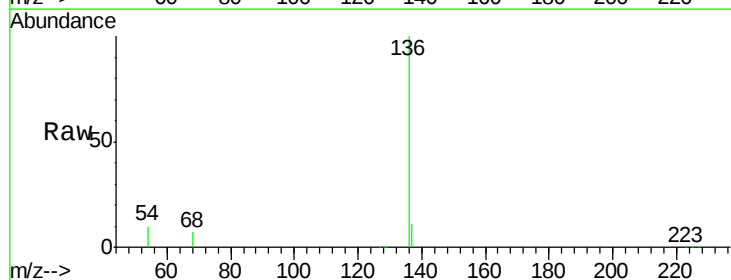
Ion Ratio Lower Upper

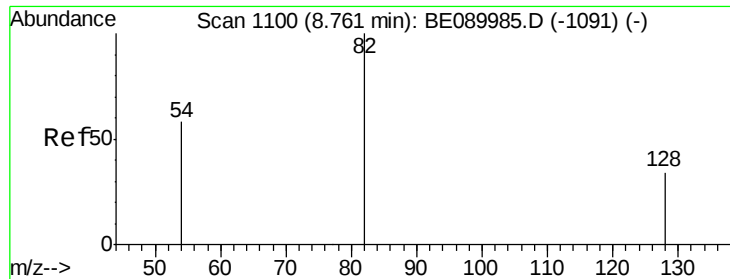
136 100

137 11.2 8.9 13.3

54 10.1 8.2 12.4

68 7.3 5.8 8.8





#7

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

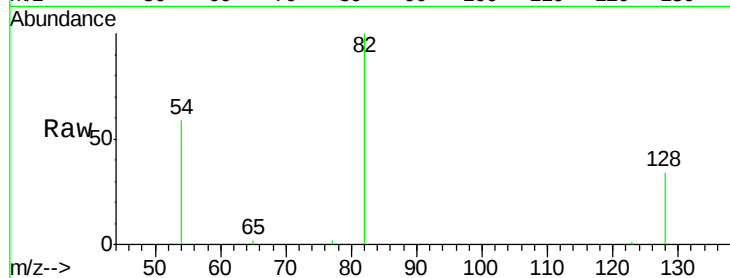
Tgt Ion: 82 Resp: 7033

Ion Ratio Lower Upper

82 100

128 33.9 28.0 42.0

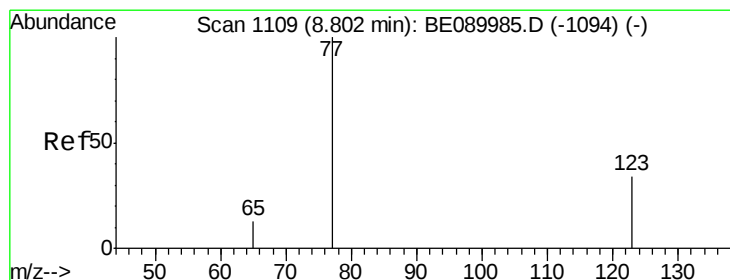
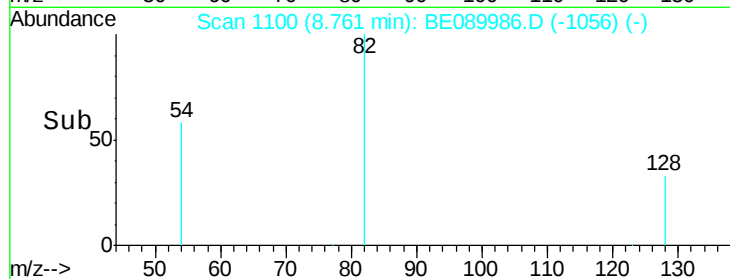
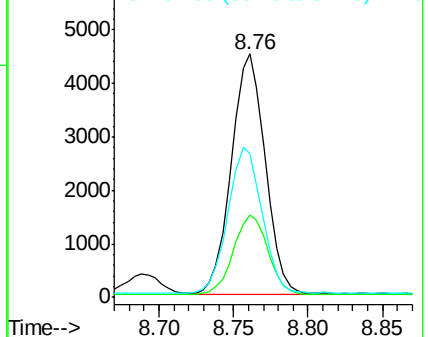
54 58.9 47.6 71.4



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: 0.87 ng

RT: 8.80 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

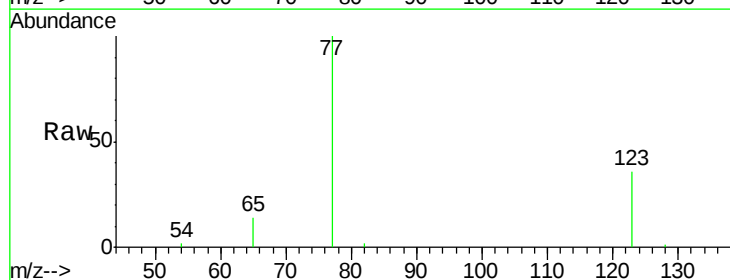
Tgt Ion: 77 Resp: 7484

Ion Ratio Lower Upper

77 100

123 34.1 27.4 41.0

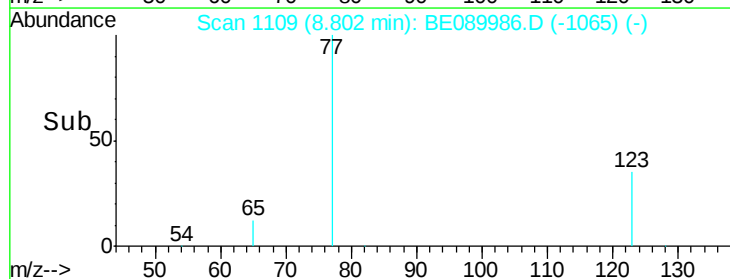
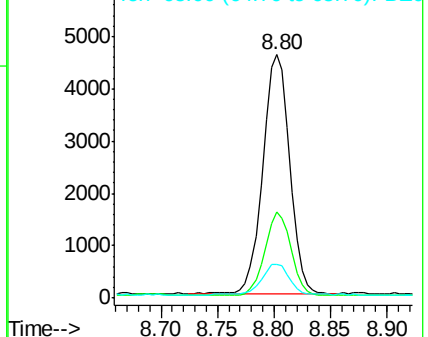
65 13.0 10.6 15.8



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: 0.85 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

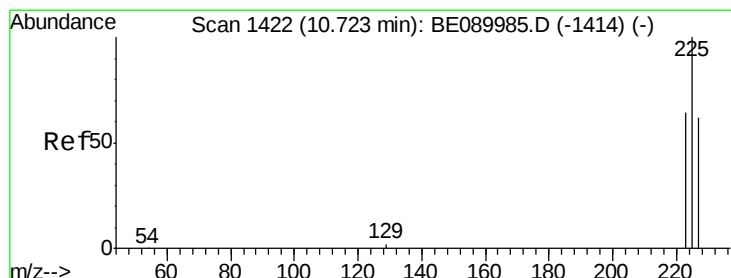
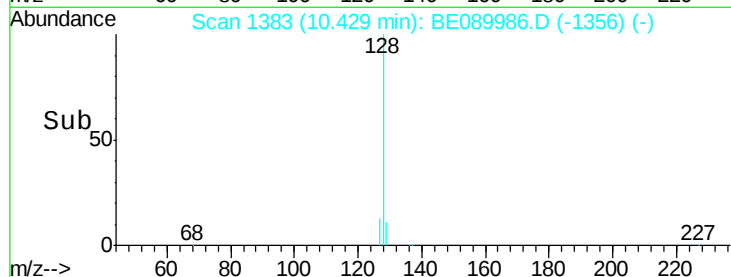
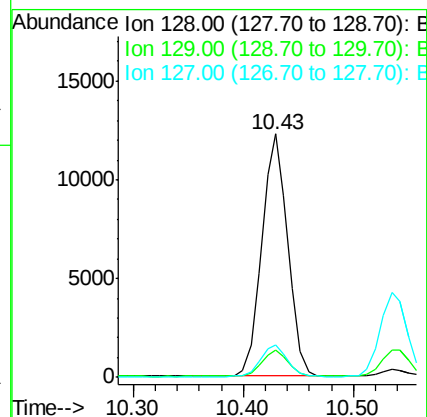
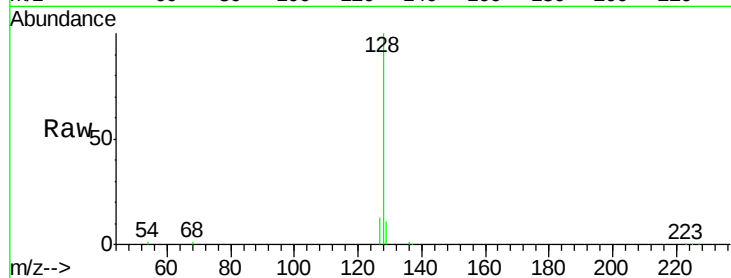
Tgt Ion:128 Resp: 20227

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 13.4 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.85 ng

RT: 10.72 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

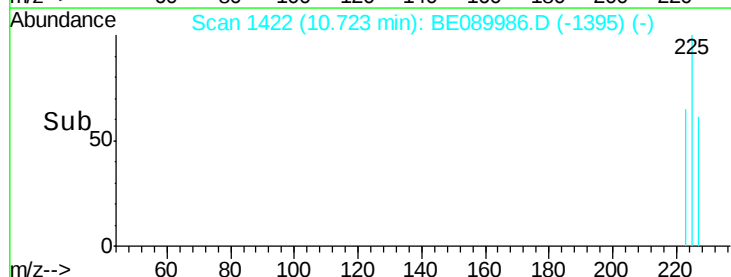
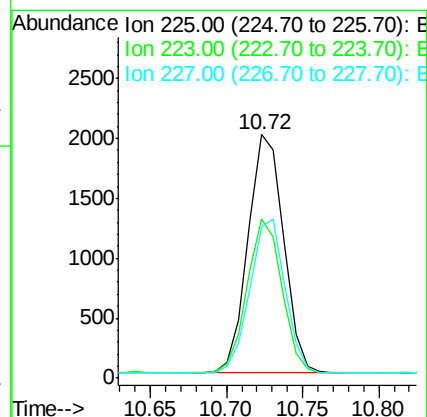
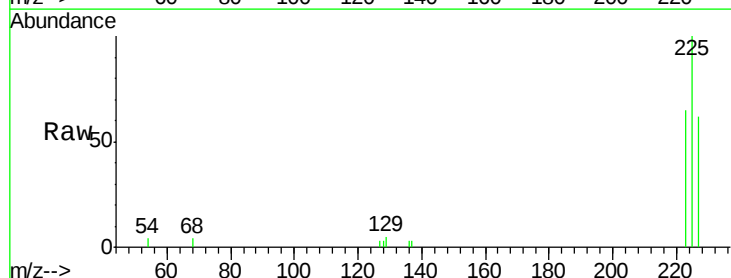
Tgt Ion:225 Resp: 3208

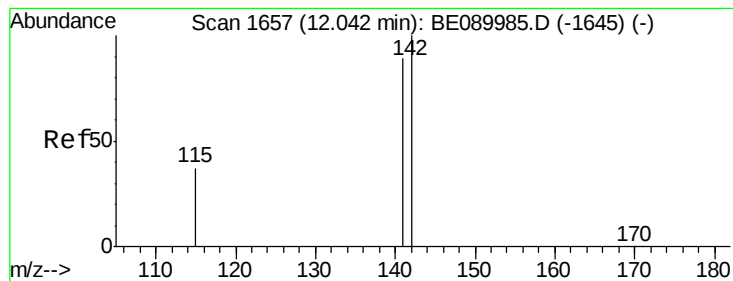
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 64.0 50.9 76.3





#11

2-Methylnaphthalene

Concen: 0.83 ng

RT: 12.05 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

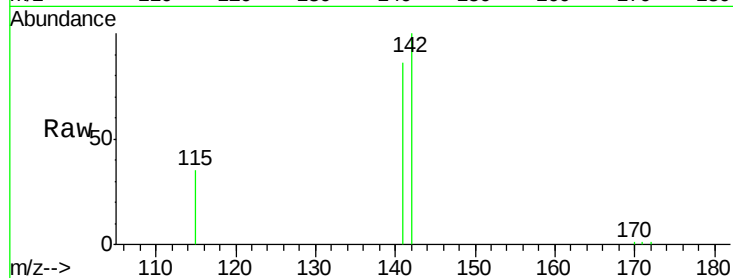
Tgt Ion:142 Resp: 13552

Ion Ratio Lower Upper

142 100

141 86.0 71.3 106.9

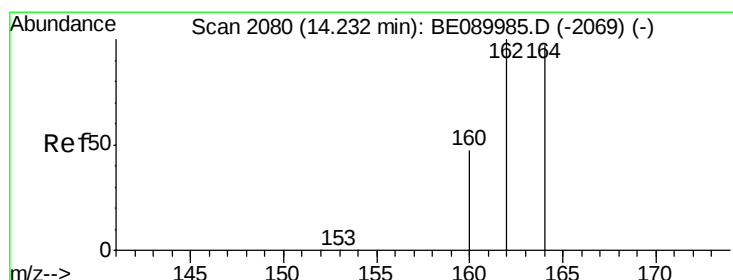
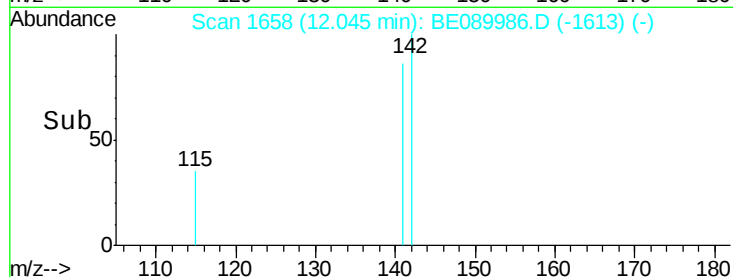
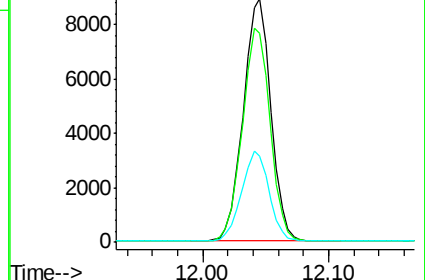
115 35.4 30.4 45.6



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: 14.23 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

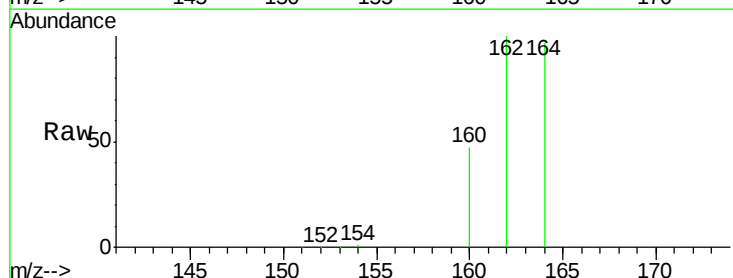
Tgt Ion:164 Resp: 63863

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.4

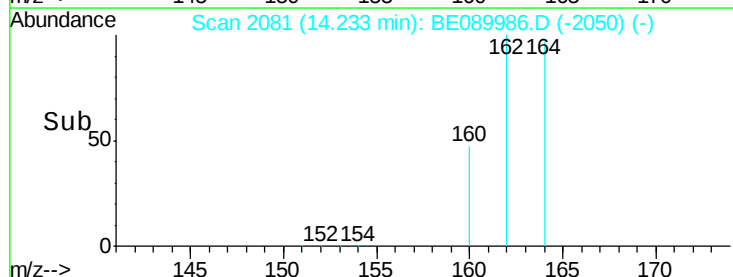
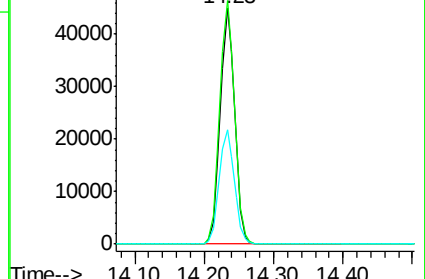
160 48.7 39.0 58.6



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

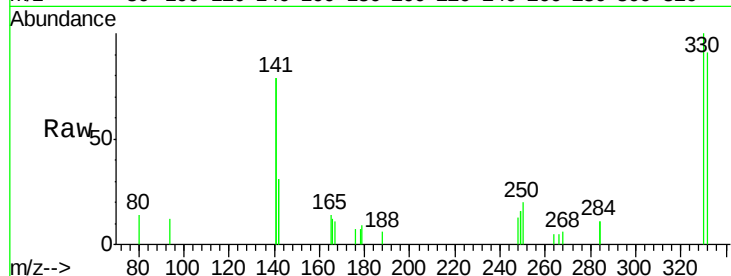




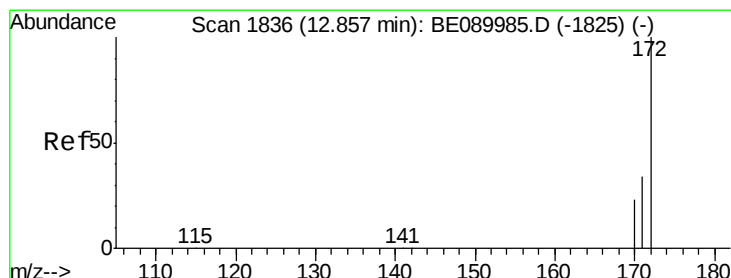
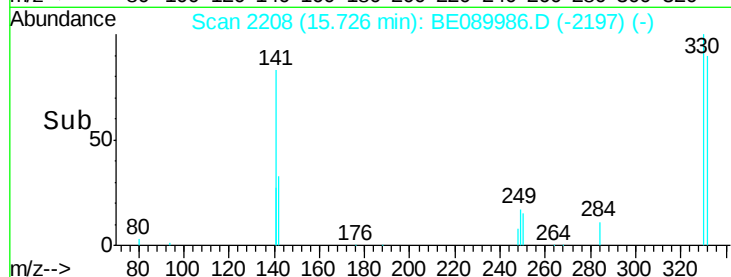
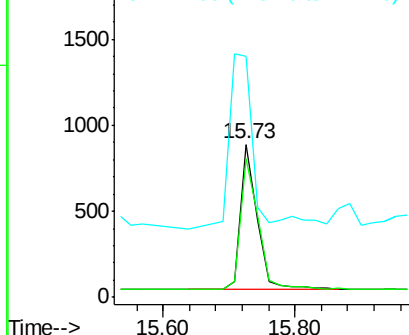
#13
 2,4,6-Tribromophenol
 Concen: 1.56 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE089986.D
 Acq: 29 Jun 2015 16:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion:330 Resp: 1510
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.4 114.6
 141 160.3 130.3 195.5

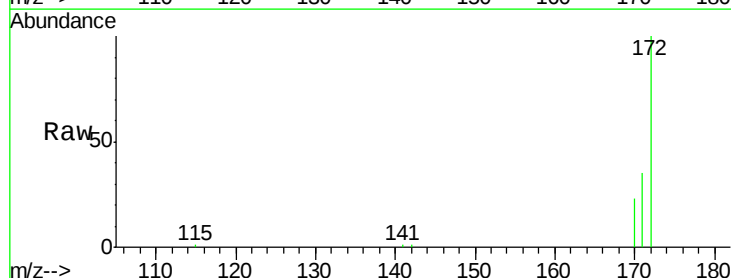


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

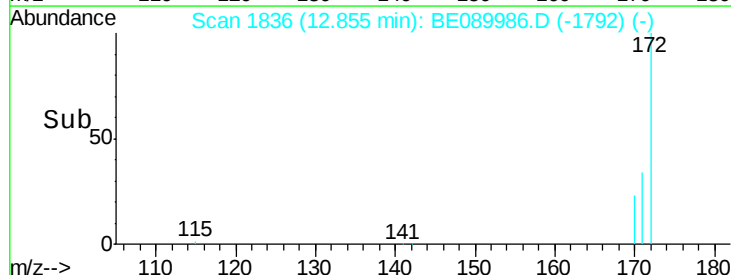
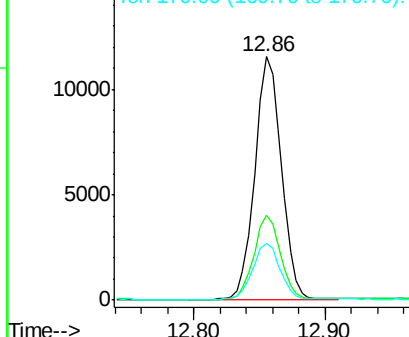


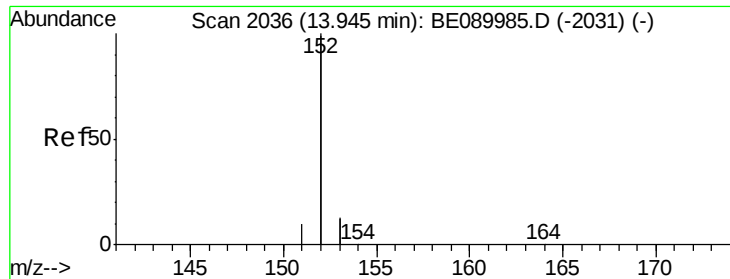
#14
 2-Fluorobiphenyl
 Concen: 0.85 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE089986.D
 Acq: 29 Jun 2015 16:45

Tgt Ion:172 Resp: 16093
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.6
 170 23.1 18.3 27.5



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: 0.86 ng

RT: 13.95 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

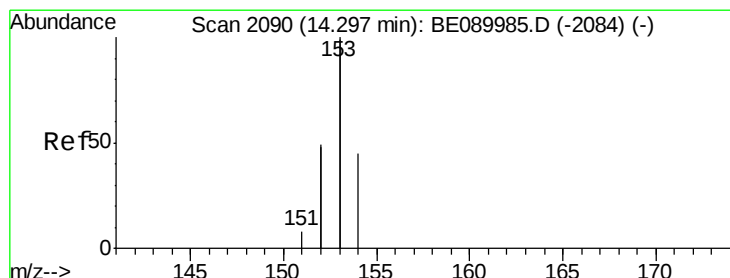
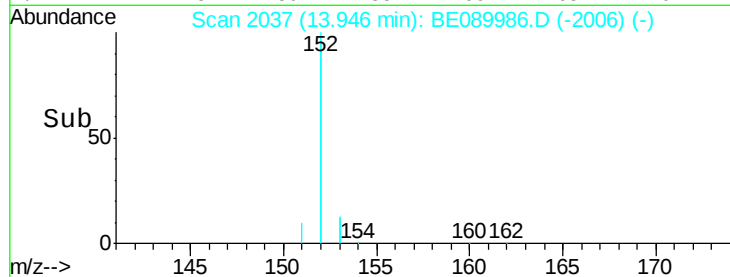
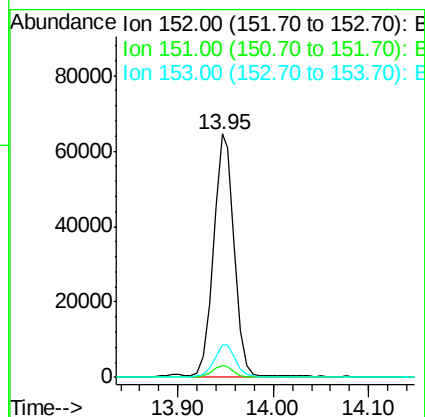
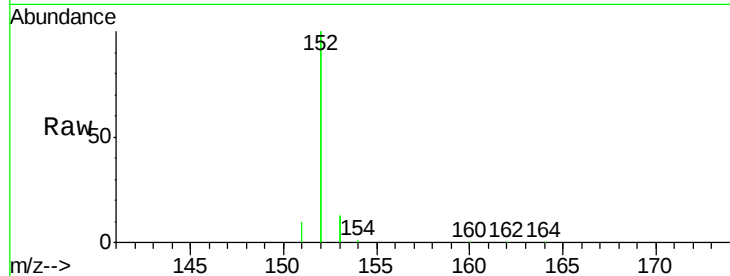
Tgt Ion:152 Resp: 96538

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.85 ng

RT: 14.29 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

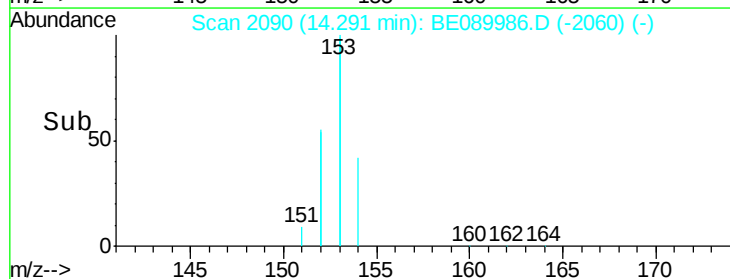
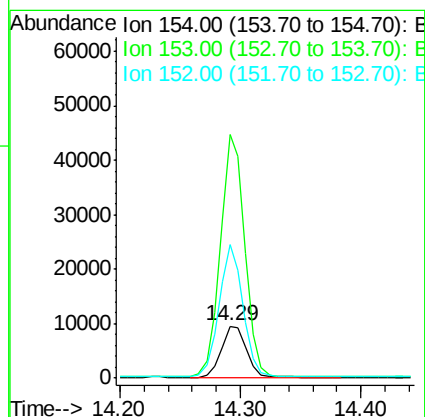
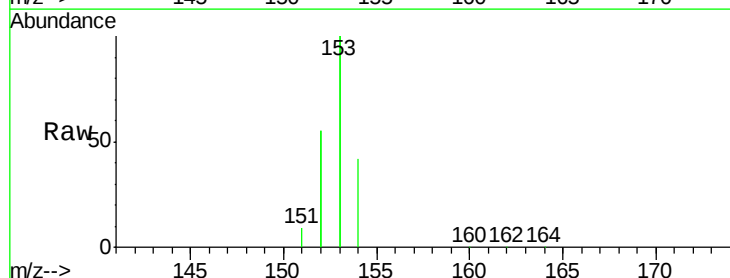
Tgt Ion:154 Resp: 14074

Ion Ratio Lower Upper

154 100

153 448.7 358.6 538.0

152 239.7 189.6 284.4

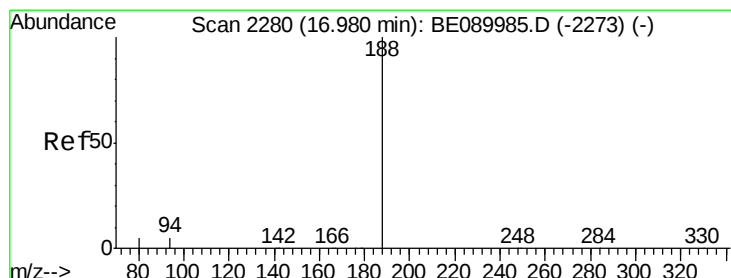
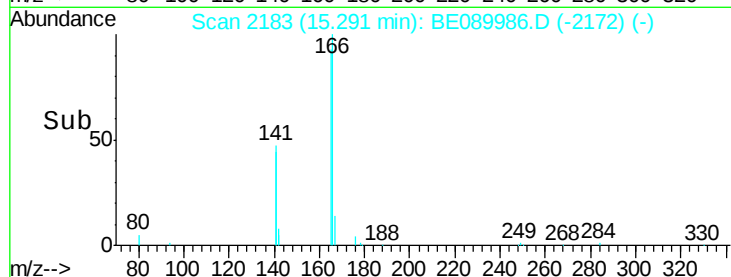
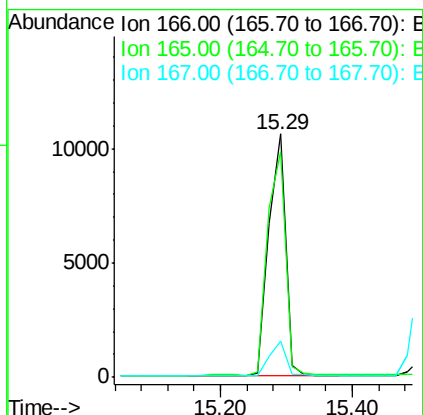
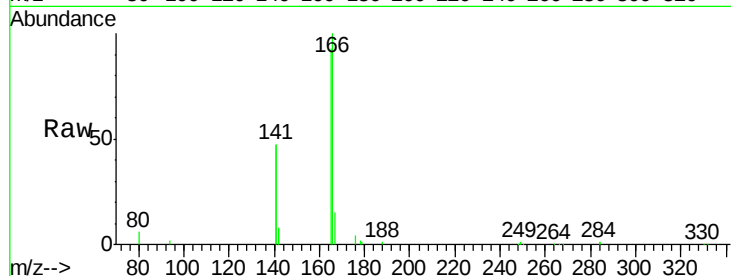




#17
Fluorene
 Concen: 0.84 ng
 RT: 15.29 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BE089986.D
 Acq: 29 Jun 2015 16:45

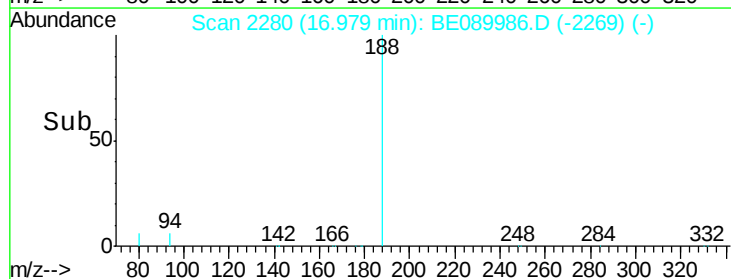
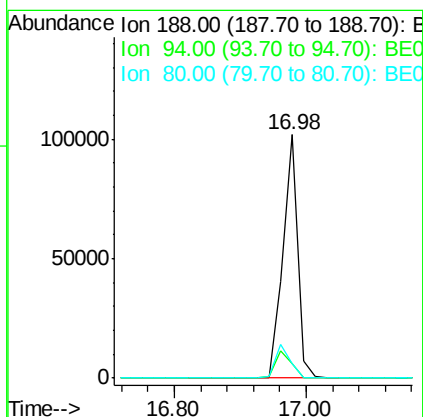
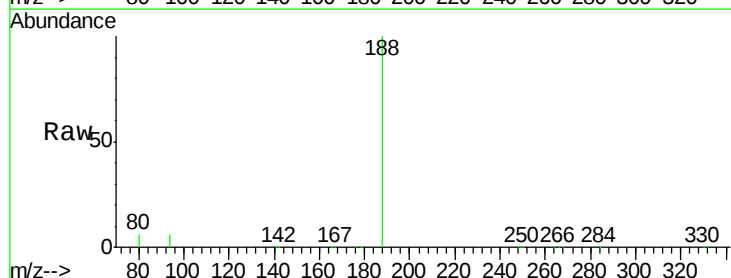
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

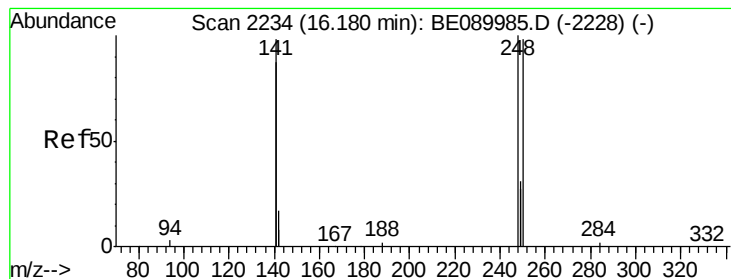
Tgt Ion:166 Resp: 18849
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.0 118.6
 167 14.8 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE089986.D
 Acq: 29 Jun 2015 16:45

Tgt Ion:188 Resp: 156710
 Ion Ratio Lower Upper
 188 100
 94 5.7 4.1 6.1
 80 6.0 4.2 6.2





#19

4-Bromophenyl-phenylether

Concen: 0.87 ng

RT: 16.18 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

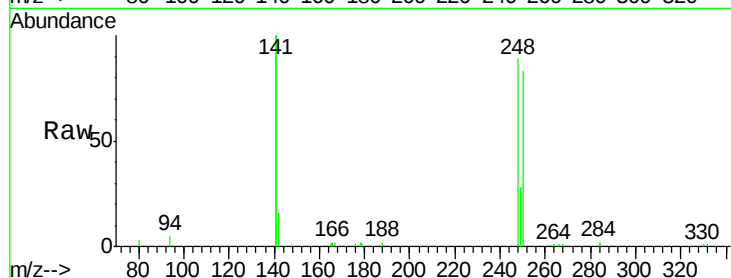
Tgt Ion:248 Resp: 5629

Ion Ratio Lower Upper

248 100

250 95.5 78.3 117.5

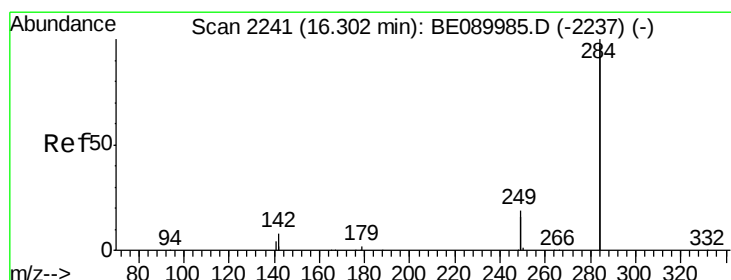
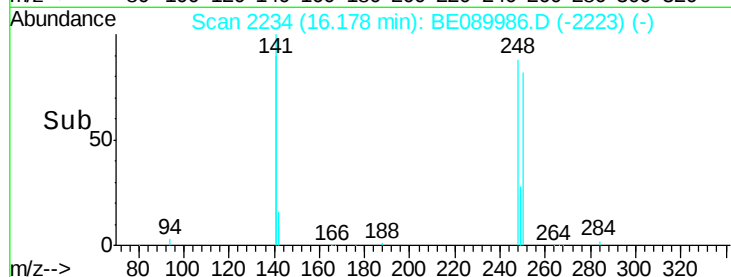
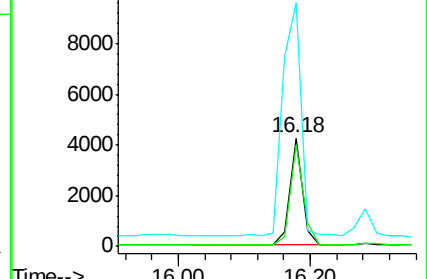
141 313.1 248.1 372.1



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: 0.83 ng

RT: 16.30 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

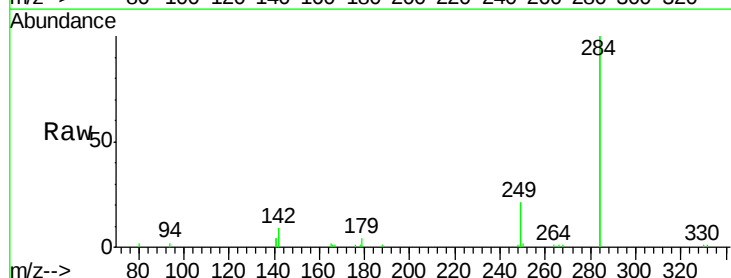
Tgt Ion:284 Resp: 23486

Ion Ratio Lower Upper

284 100

142 40.1 32.6 49.0

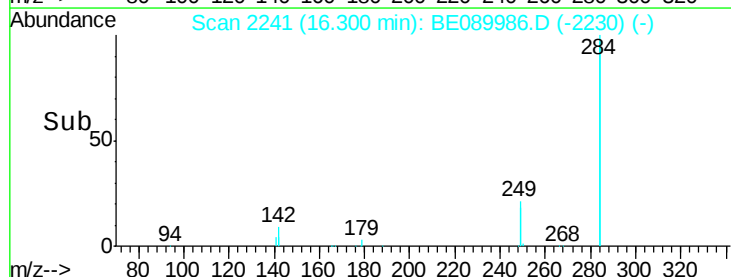
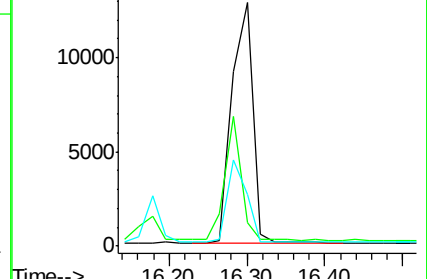
249 32.0 25.5 38.3

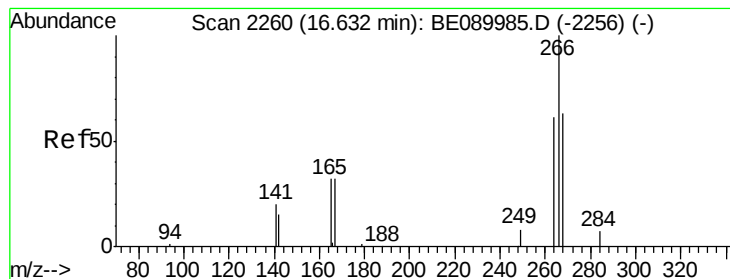


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.56 ng

RT: 16.63 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

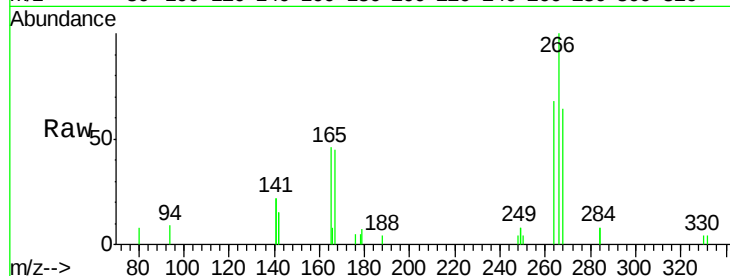
Tgt Ion:266 Resp: 2028

Ion Ratio Lower Upper

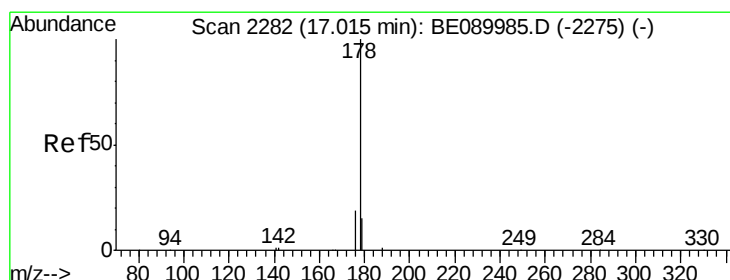
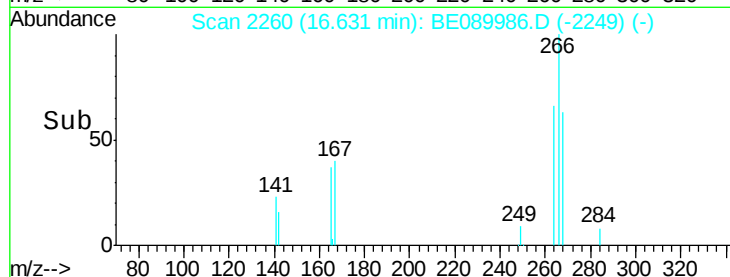
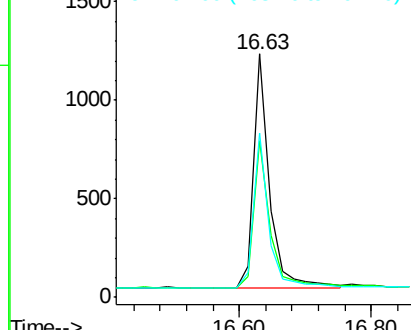
266 100

268 64.3 51.8 77.8

264 67.5 50.2 75.2



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: 0.85 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

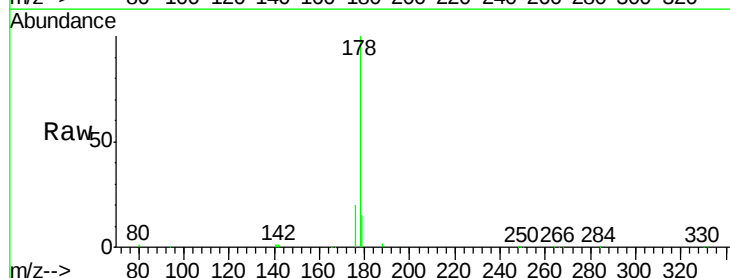
Tgt Ion:178 Resp: 33656

Ion Ratio Lower Upper

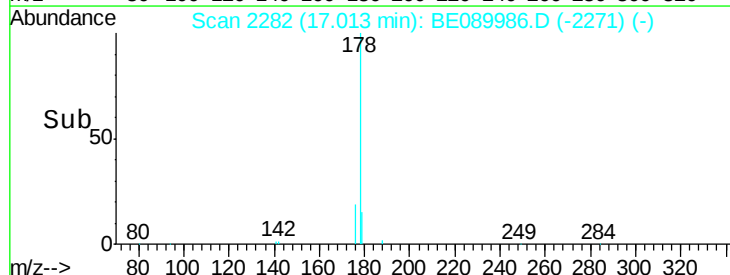
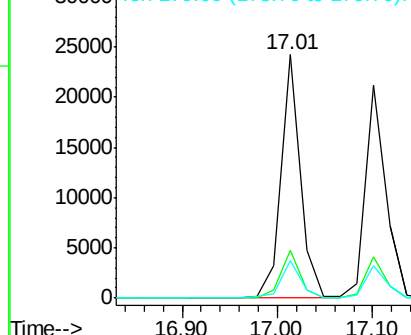
178 100

176 19.3 15.3 22.9

179 15.3 12.4 18.6



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





#23

Anthracene

Concen: 0.85 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

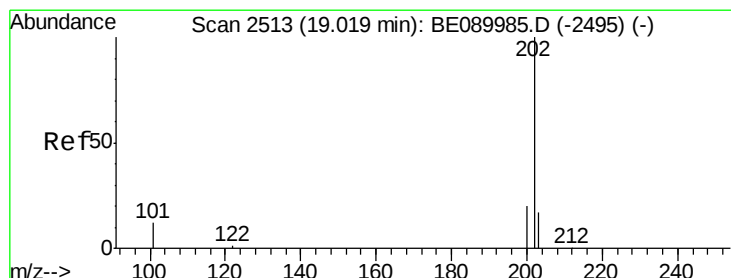
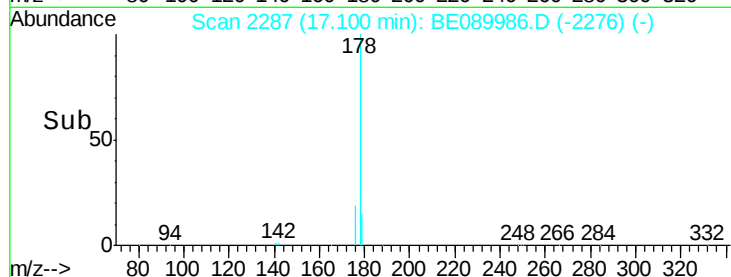
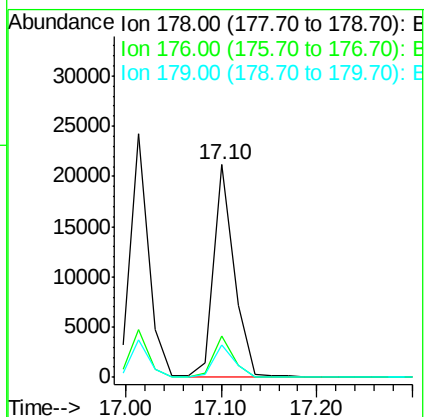
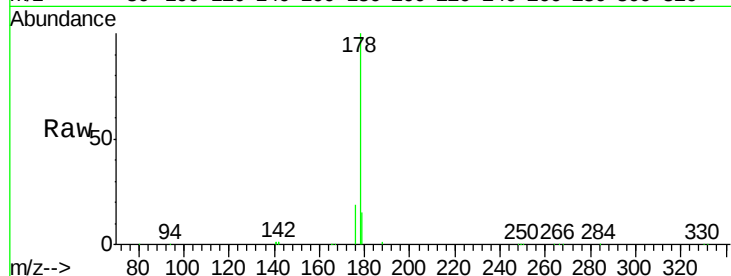
Tgt Ion:178 Resp: 31211

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.3 12.1 18.1



#24

Fluoranthene

Concen: 0.87 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

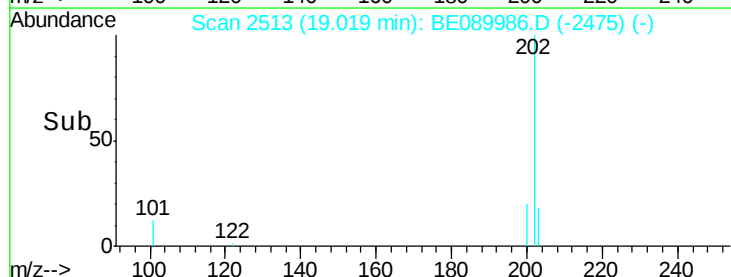
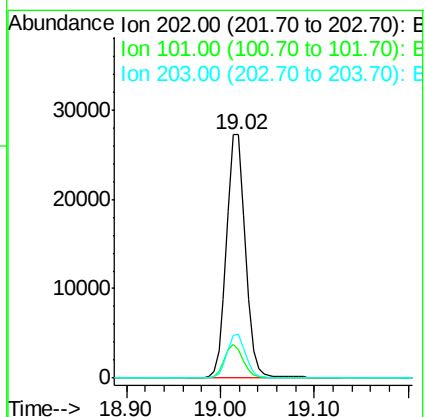
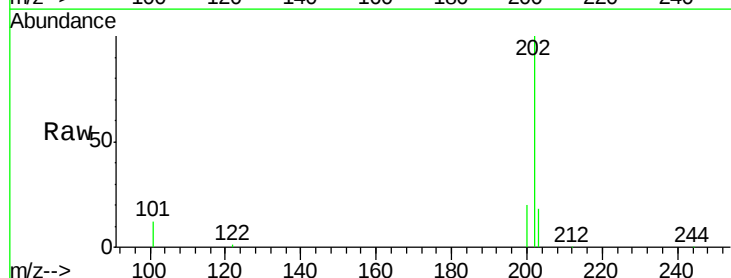
Tgt Ion:202 Resp: 37520

Ion Ratio Lower Upper

202 100

101 13.4 10.6 15.8

203 17.4 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

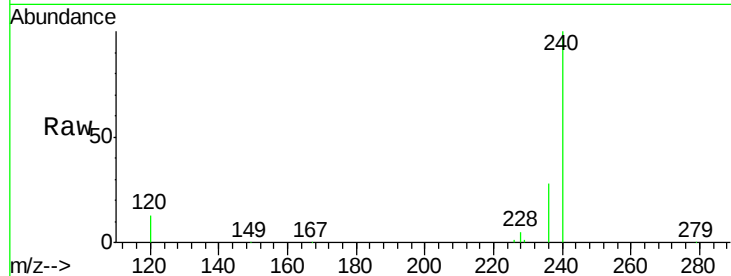
Tgt Ion:240 Resp: 191926

Ion Ratio Lower Upper

240 100

120 12.9 6.9 10.3#

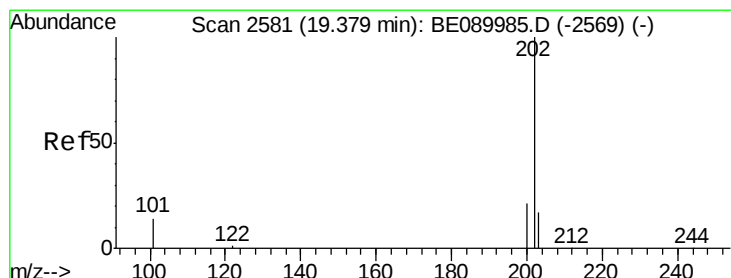
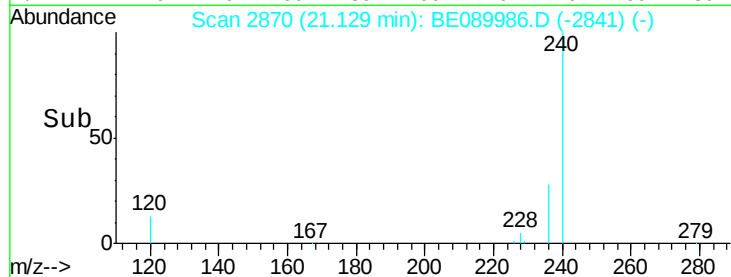
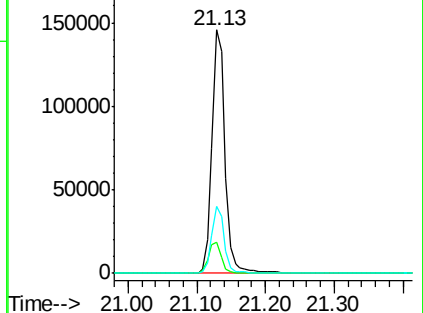
236 27.6 20.8 31.2



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: 0.81 ng

RT: 19.38 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

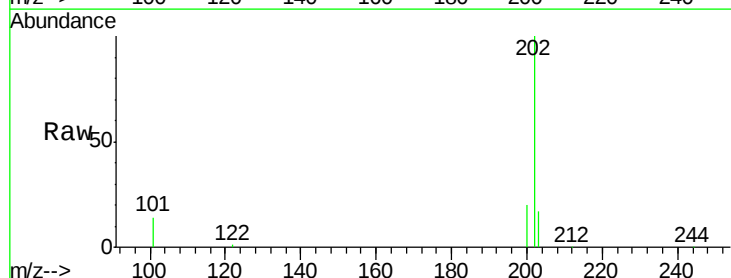
Tgt Ion:202 Resp: 39247

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

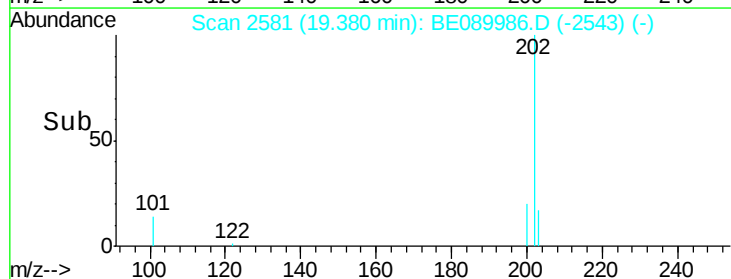
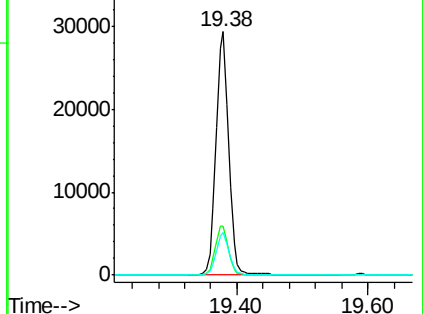
203 17.4 13.9 20.9



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

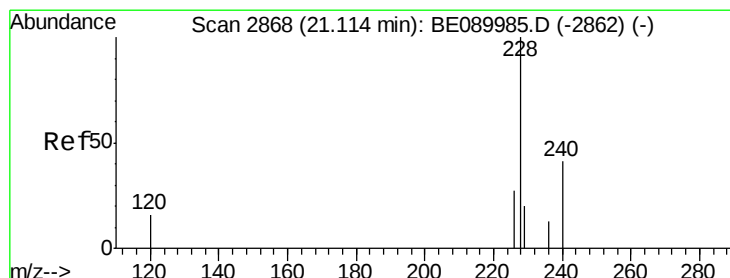
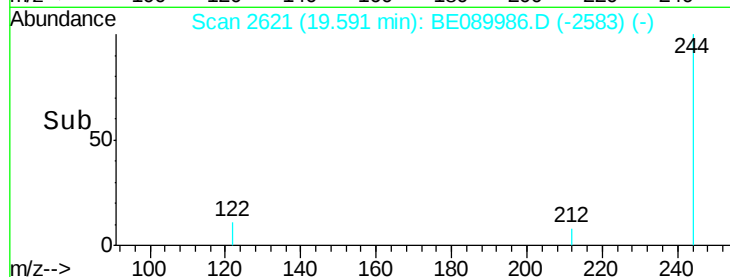
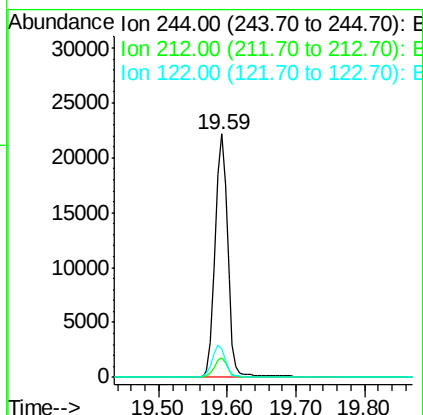
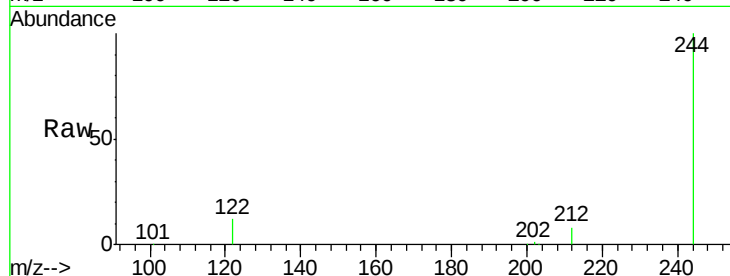




#27
 Terphenyl-d14
 Concen: 0.83 ng
 RT: 19.59 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BE089986.D
 Acq: 29 Jun 2015 16:45

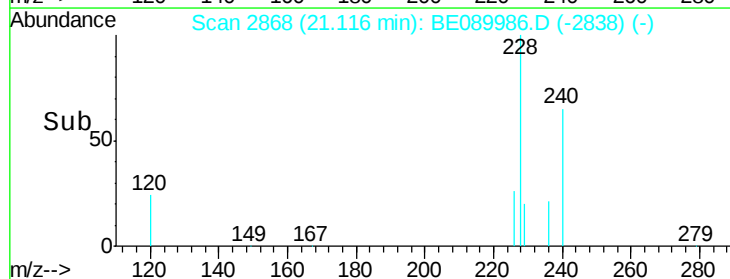
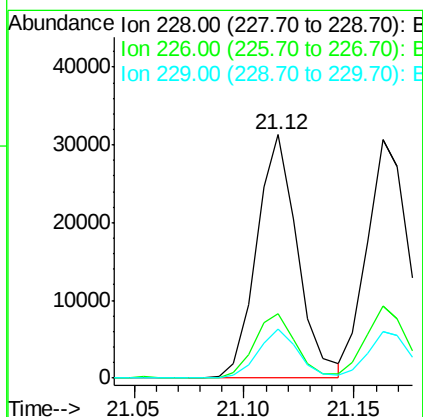
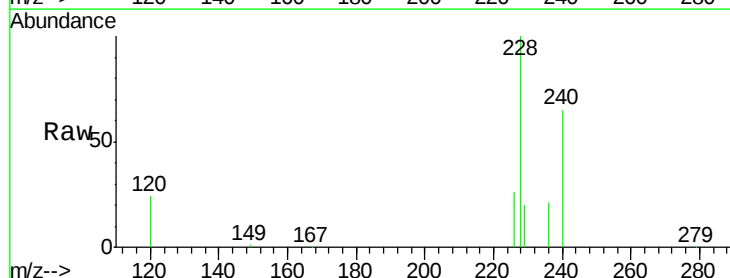
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

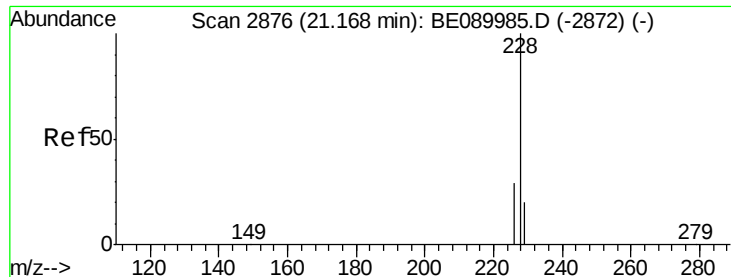
Tgt Ion: 244 Resp: 27611
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.0 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.87 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089986.D
 Acq: 29 Jun 2015 16:45

Tgt Ion: 228 Resp: 40452
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.8 32.6
 229 20.0 15.8 23.6





#29

Chrysene

Concen: 0.83 ng

RT: 21.16 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

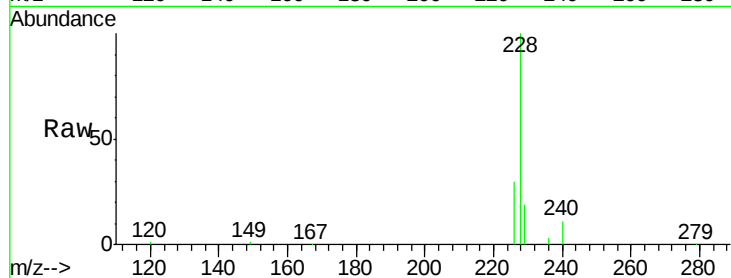
Tgt Ion:228 Resp: 42099

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

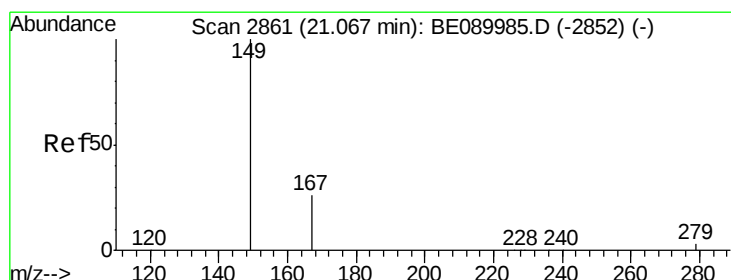
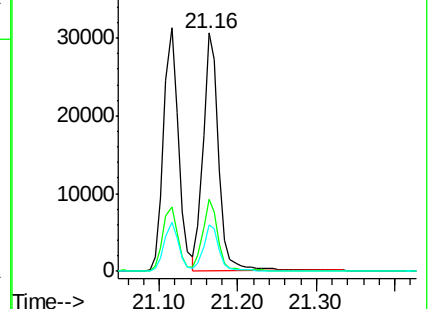
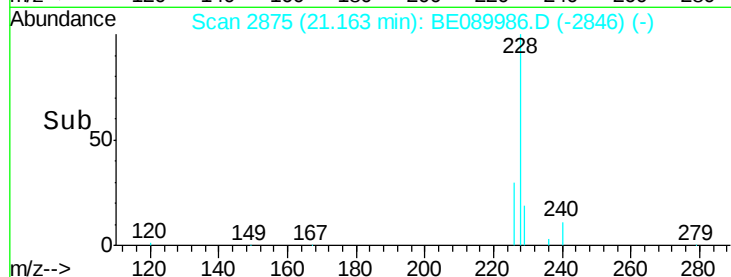
229 19.4 16.2 24.2



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: 1.98 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

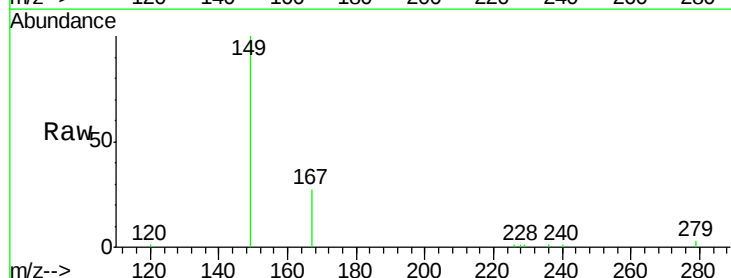
Tgt Ion:149 Resp: 11275

Ion Ratio Lower Upper

149 100

167 25.4 20.3 30.5

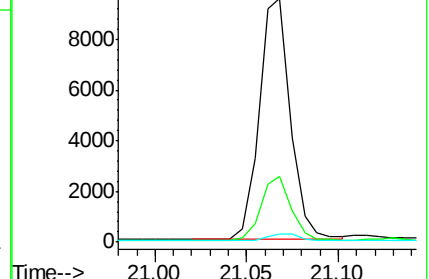
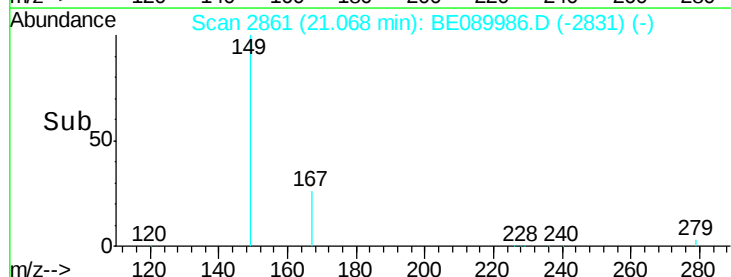
279 3.0 2.6 3.8

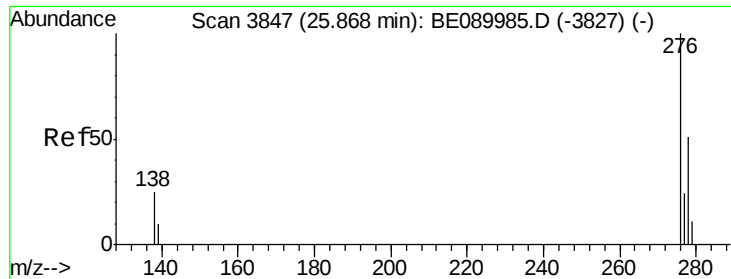


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.05 ng

RT: 25.86 min Scan# 3846

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

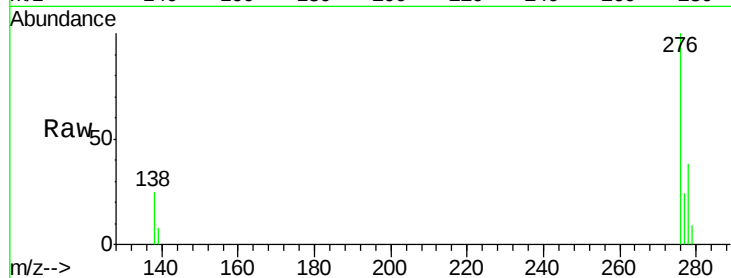
Tgt Ion:276 Resp: 40426

Ion Ratio Lower Upper

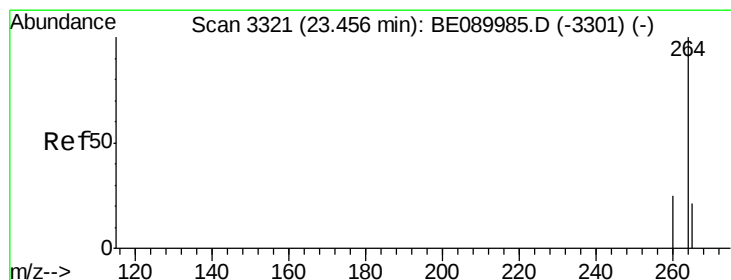
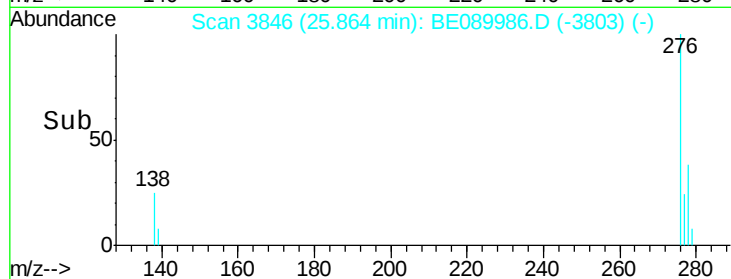
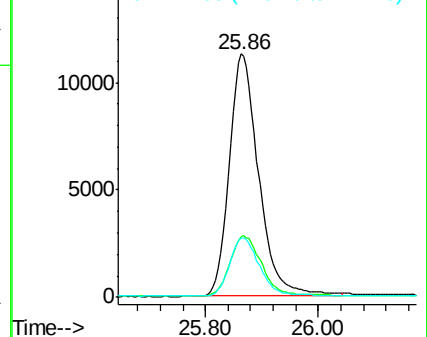
276 100

138 26.7 21.3 31.9

277 24.4 19.7 29.5



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: 23.46 min Scan# 3321

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

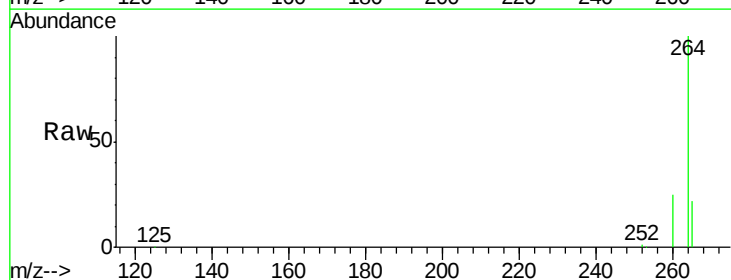
Tgt Ion:264 Resp: 184965

Ion Ratio Lower Upper

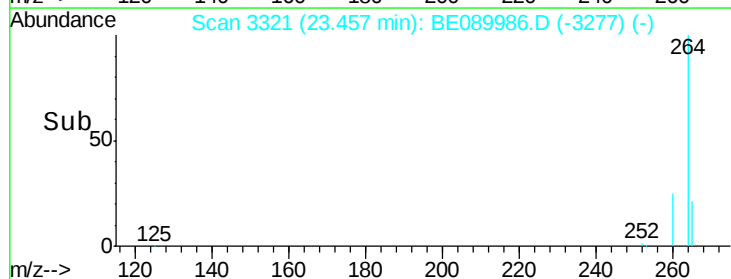
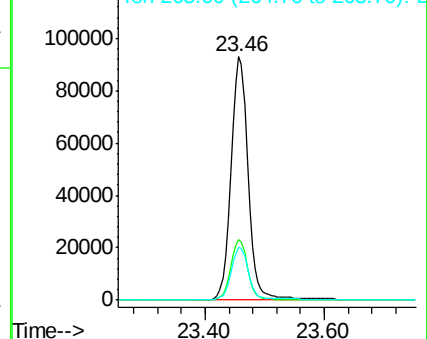
264 100

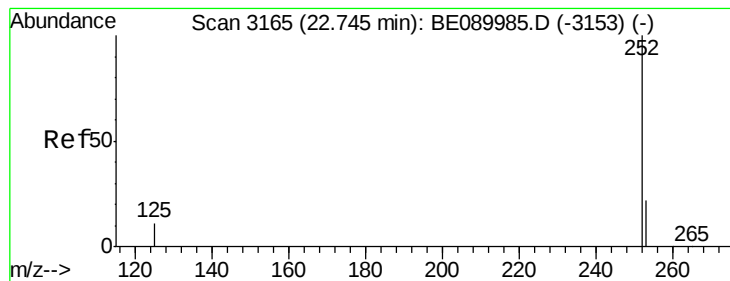
260 25.1 20.2 30.2

265 21.6 17.1 25.7



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: 0.88 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

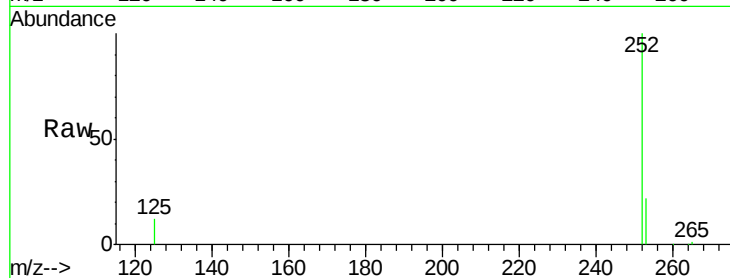
Tgt Ion:252 Resp: 34811

Ion Ratio Lower Upper

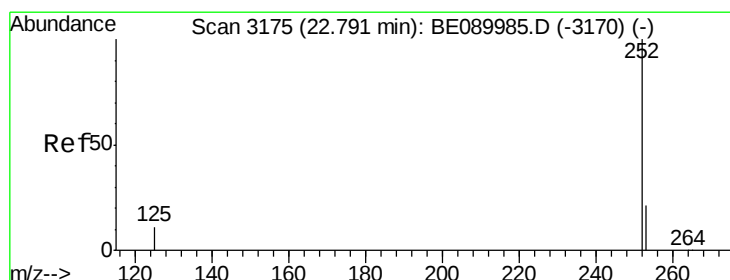
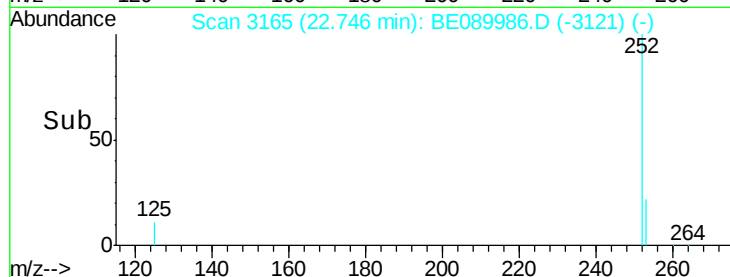
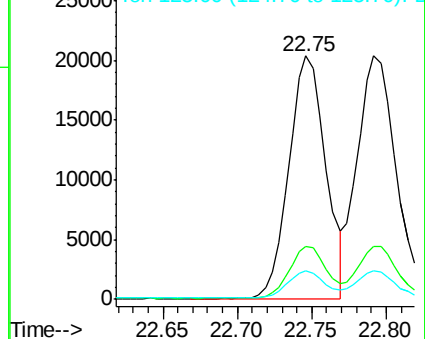
252 100

253 21.9 17.8 26.8

125 11.6 9.0 13.4



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



#34

Benzo(k)fluoranthene

Concen: 0.86 ng

RT: 22.79 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

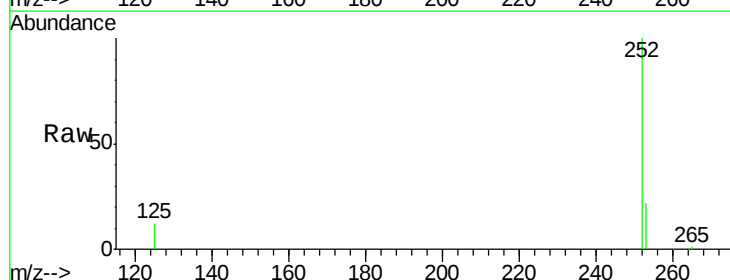
Tgt Ion:252 Resp: 38735

Ion Ratio Lower Upper

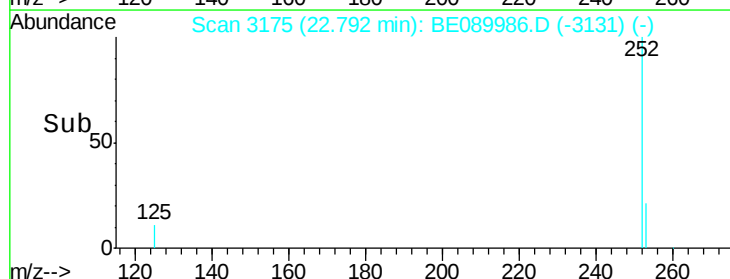
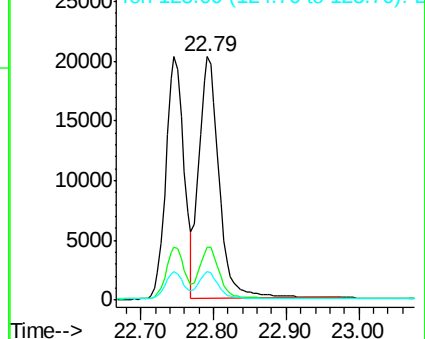
252 100

253 21.8 17.5 26.3

125 11.5 9.5 14.3



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: 23.35 min Scan# 3297

Delta R.T. -0.00 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

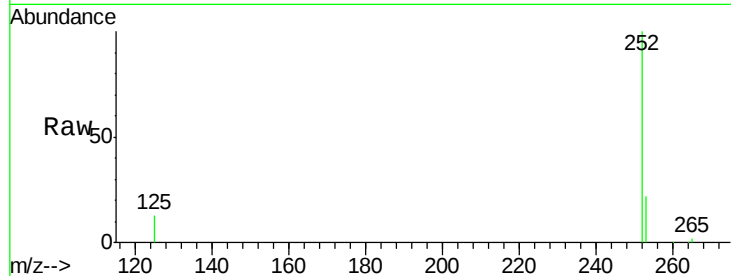
Tgt Ion:252 Resp: 31995

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

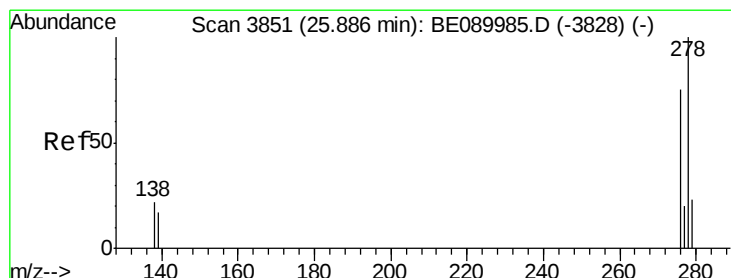
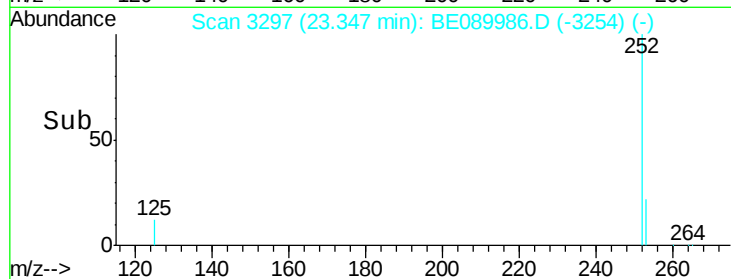
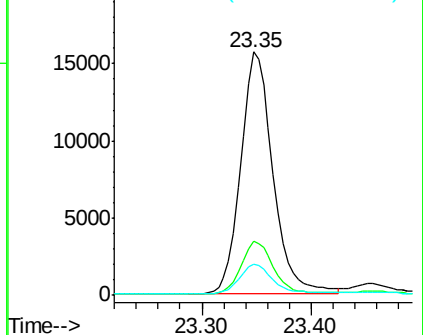
125 13.0 10.5 15.7



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: 0.99 ng

RT: 25.89 min Scan# 3852

Delta R.T. 0.01 min

Lab File: BE089986.D

Acq: 29 Jun 2015 16:45

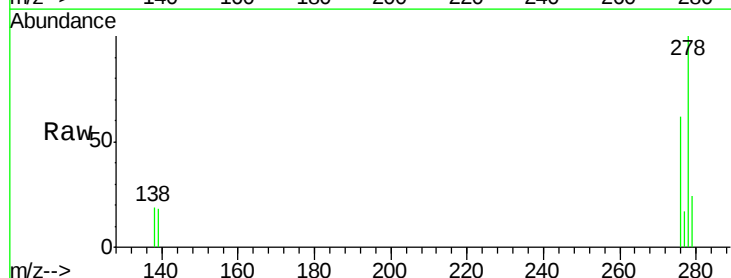
Tgt Ion:278 Resp: 32987

Ion Ratio Lower Upper

278 100

139 17.7 14.4 21.6

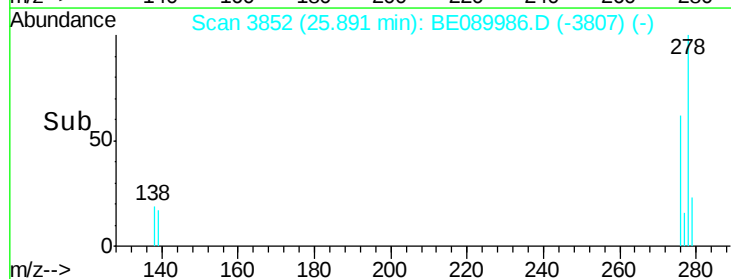
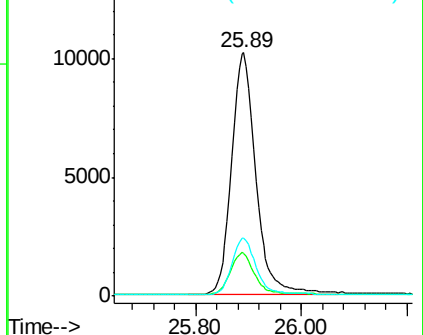
279 23.9 19.0 28.6



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: 0.94 ng

RT: 26.61 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE089986.D

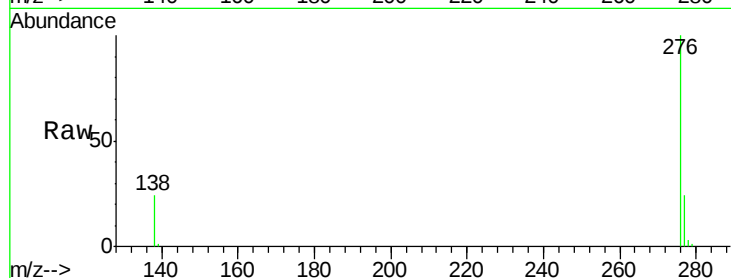
Acq: 29 Jun 2015 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 33395

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 23.8 18.6 27.8

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

