

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089985.D
 Acq On : 29 Jun 2015 16:09
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC001

Quant Time: Jun 30 06:06:20 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	7.62	152	20316	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	86161	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	51874	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	128935	5.00	ng	0.00
25) Chrysene-d12	21.13	240	159817	5.00	ng	0.00
32) Perylene-d12	23.46	264	154962	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4654	1.22	ng	0.00
5) Phenol-d6	6.80	99	6421	1.11	ng	0.00
7) Nitrobenzene-d5	8.76	82	6722	1.03	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1488	1.90	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	15180	0.99	ng	0.00
27) Terphenyl-d14	19.59	244	26582	0.96	ng	0.00

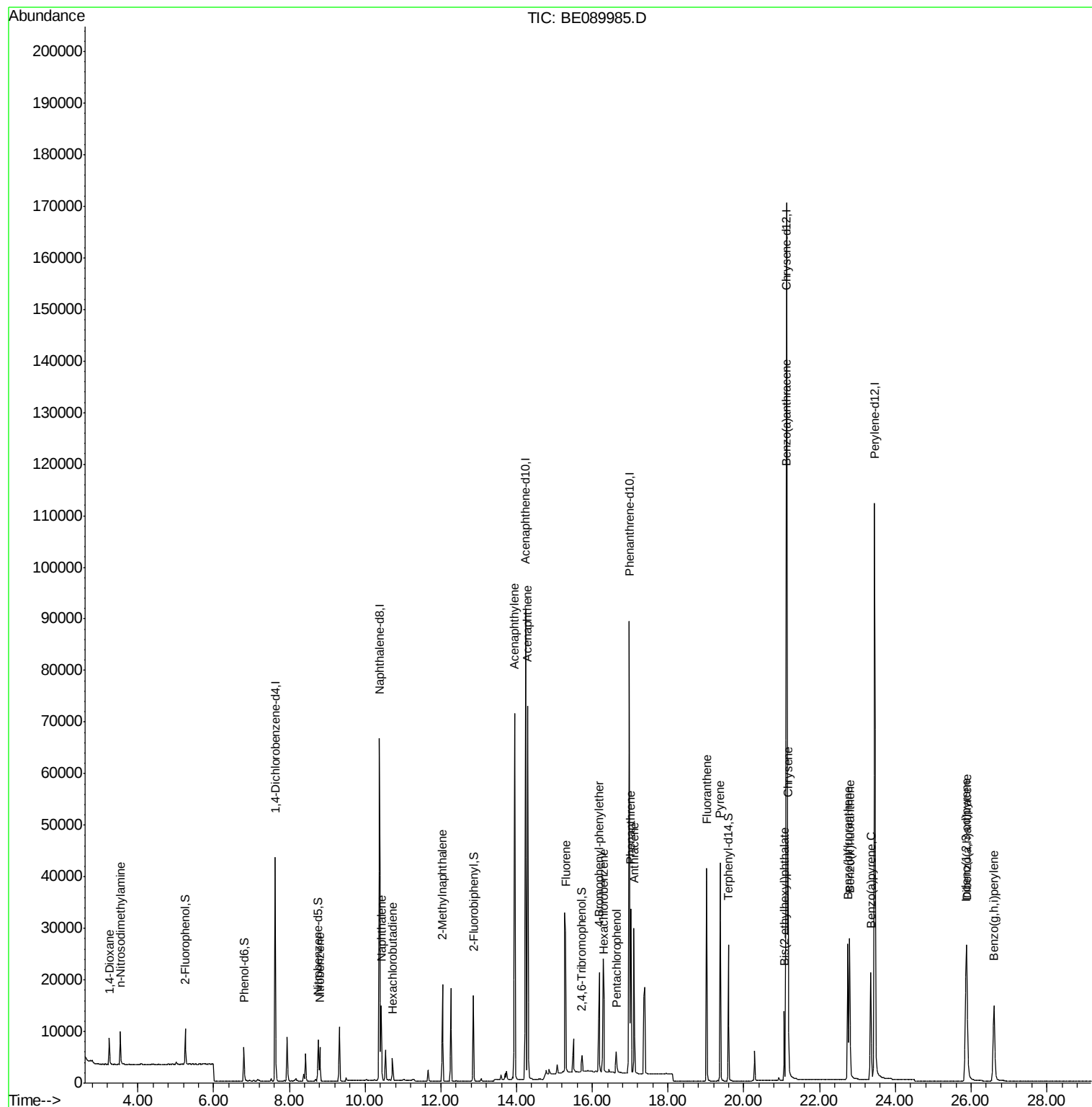
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	2684	0.96	ng	100
3) n-Nitrosodimethylamine	3.53	42	3629	0.98	ng	100
8) Nitrobenzene	8.80	77	7033	1.01	ng	100
9) Naphthalene	10.43	128	19150	0.99	ng	100
10) Hexachlorobutadiene	10.72	225	3014	0.99	ng	100
11) 2-Methylnaphthalene	12.04	142	12781	0.97	ng	100
15) Acenaphthylene	13.95	152	90725	0.99	ng	100
16) Acenaphthene	14.30	154	13283	0.99	ng	100
17) Fluorene	15.29	166	17859	0.98	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	5358	1.00	ng	100
20) Hexachlorobenzene	16.30	284	21942	0.95	ng	100
21) Pentachlorophenol	16.63	266	2094	1.96	ng	100
22) Phenanthrene	17.01	178	32055	0.98	ng	100
23) Anthracene	17.10	178	29649	0.98	ng	100
24) Fluoranthene	19.02	202	36164	1.01	ng	100
26) Pyrene	19.38	202	37429	0.93	ng	100
28) Benzo(a)anthracene	21.11	228	39021	1.01	ng	100
29) Chrysene	21.17	228	40942	0.97	ng	100
30) Bis(2-ethylhexyl)phthalate	21.07	149	11691	2.46	ng	100
31) Indeno(1,2,3-cd)pyrene	25.87	276	39084	1.22	ng	100
33) Benzo(b)fluoranthene	22.75	252	33945	1.02	ng	100
34) Benzo(k)fluoranthene	22.79	252	38102	1.01	ng	100
35) Benzo(a)pyrene	23.35	252	31475	1.06	ng	100
36) Dibenzo(a,h)anthracene	25.89	278	31835	1.14	ng	100
37) Benzo(g,h,i)perylene	26.61	276	32480	1.09	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 854

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

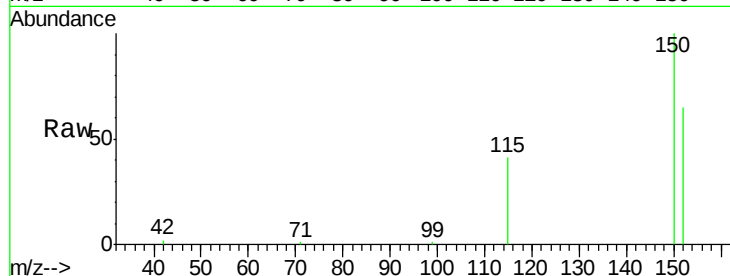
Tgt Ion:152 Resp: 20316

Ion Ratio Lower Upper

152 100

150 154.9 123.9 185.9

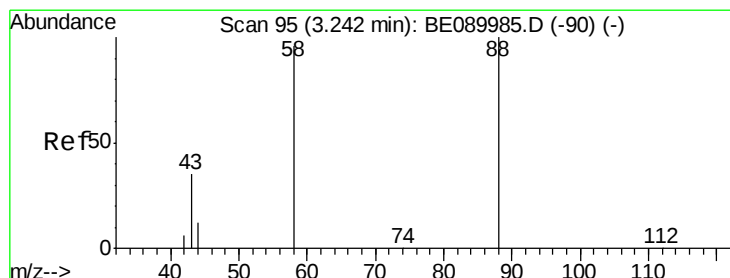
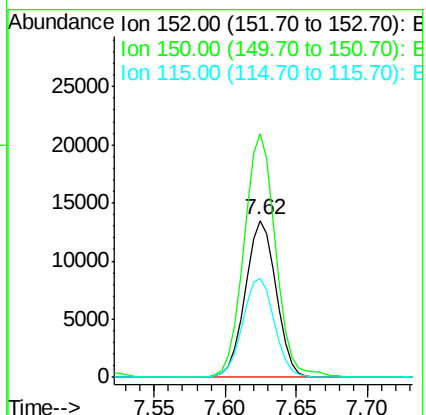
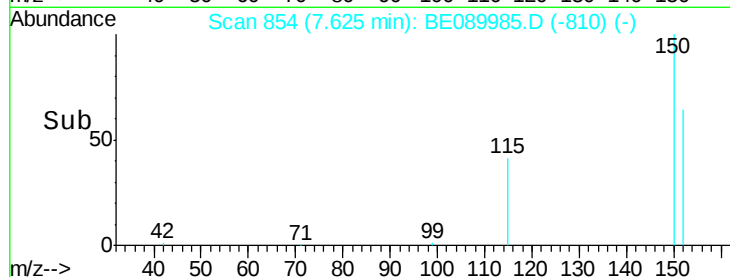
115 63.3 50.6 76.0



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: 0.96 ng

RT: 3.24 min Scan# 95

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

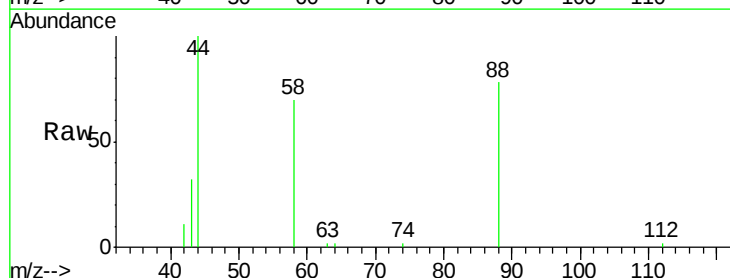
Tgt Ion: 88 Resp: 2684

Ion Ratio Lower Upper

88 100

58 88.6 70.9 106.3

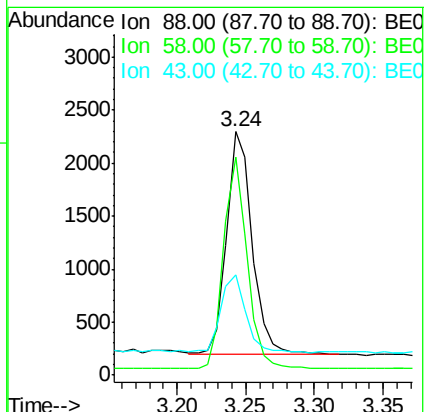
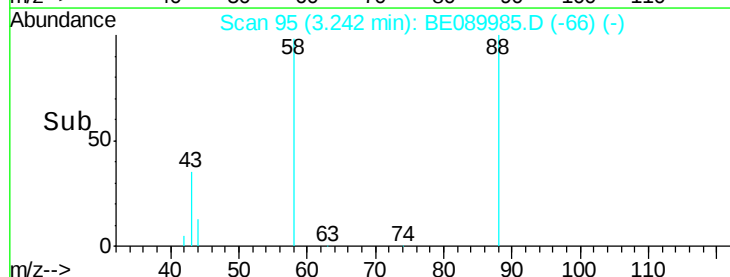
43 34.5 27.6 41.4

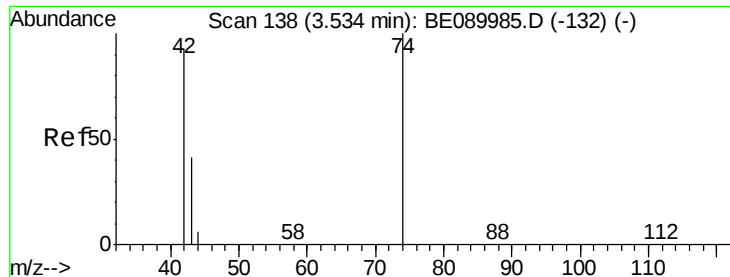


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.98 ng

RT: 3.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

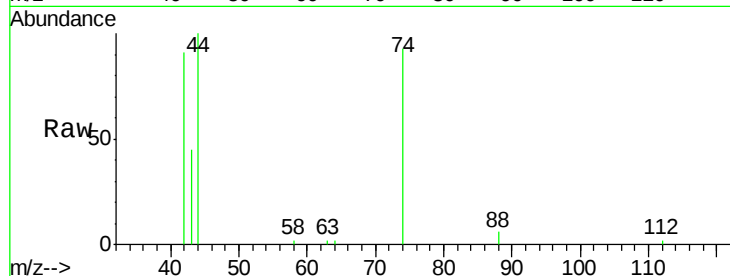
Tgt Ion: 42 Resp: 3629

Ion Ratio Lower Upper

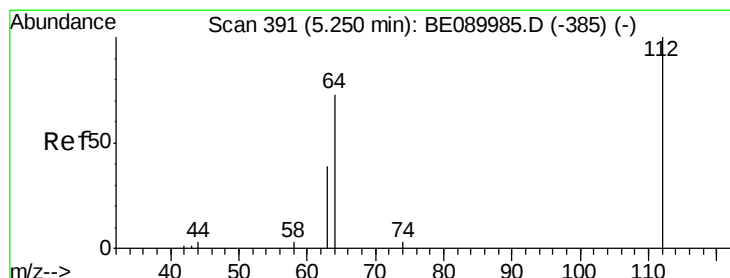
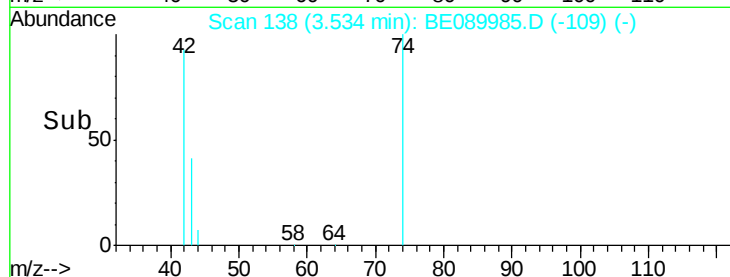
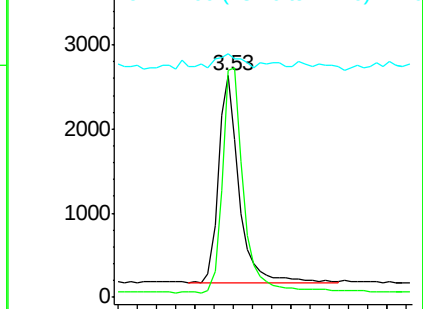
42 100

74 111.8 89.4 134.2

44 8.6 6.9 10.3



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: 1.22 ng

RT: 5.25 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

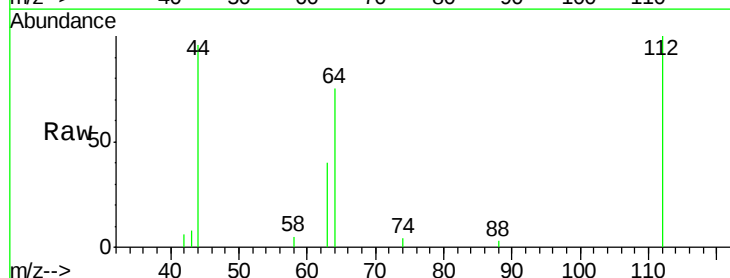
Tgt Ion: 112 Resp: 4654

Ion Ratio Lower Upper

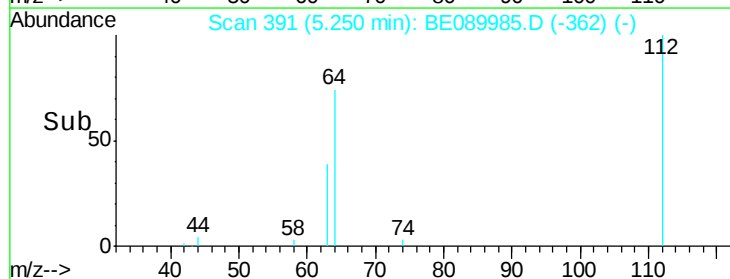
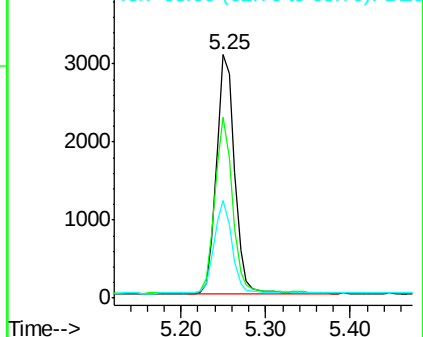
112 100

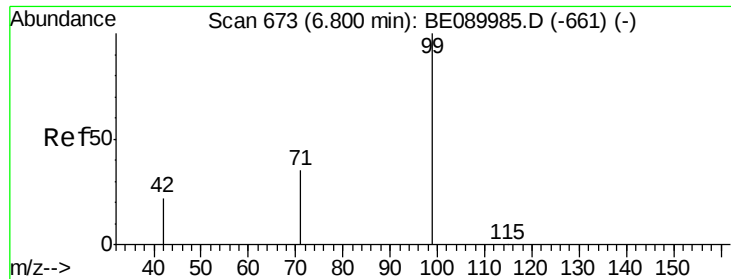
64 70.4 56.3 84.5

63 37.2 29.8 44.6



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: 1.11 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

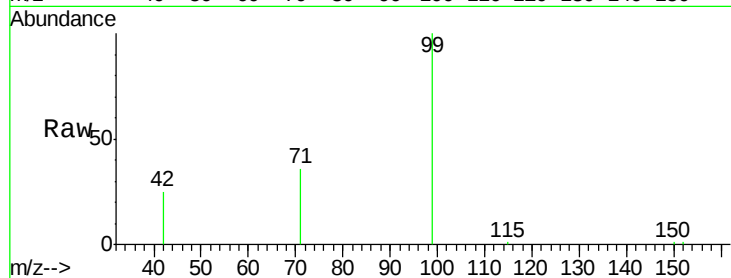
Tgt Ion: 99 Resp: 6421

Ion Ratio Lower Upper

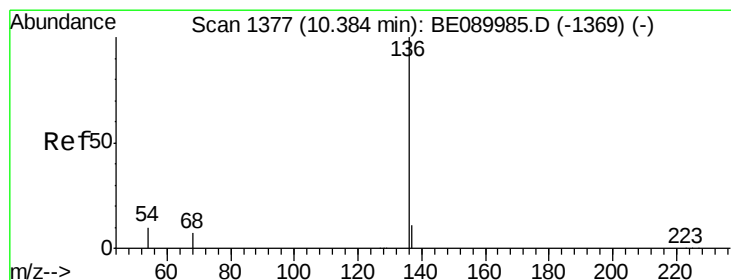
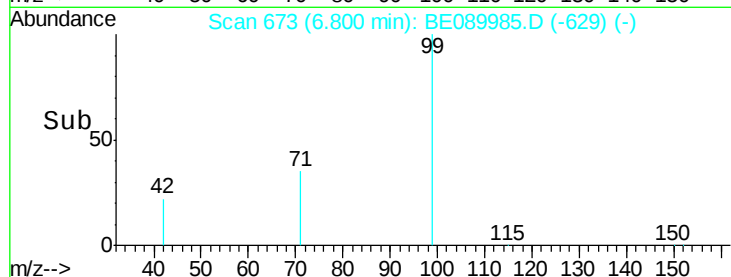
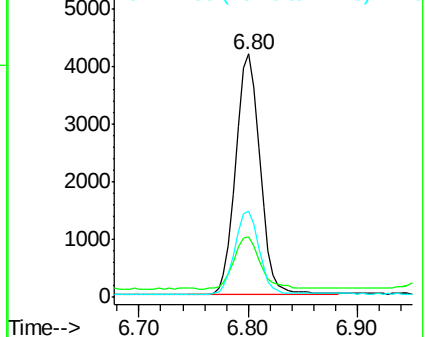
99 100

42 23.4 18.7 28.1

71 34.4 27.5 41.3



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: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Tgt Ion: 136 Resp: 86161

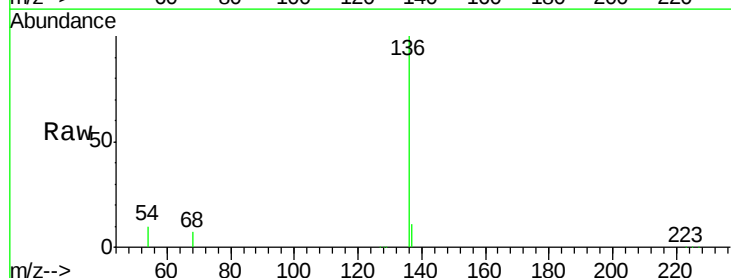
Ion Ratio Lower Upper

136 100

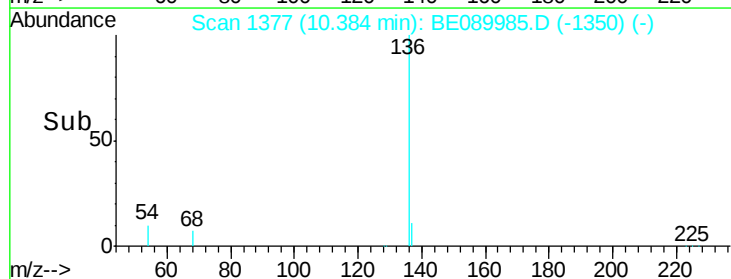
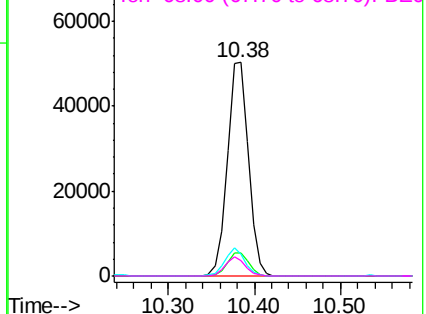
137 11.1 8.9 13.3

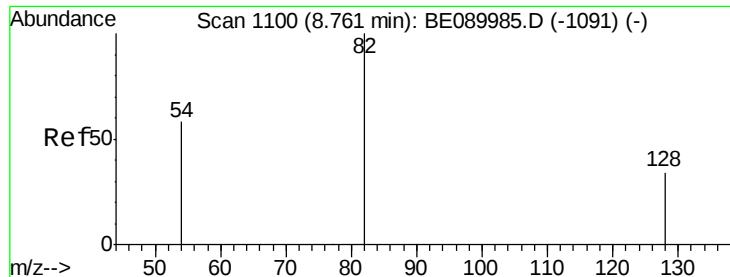
54 10.3 8.2 12.4

68 7.3 5.8 8.8



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: 1.03 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

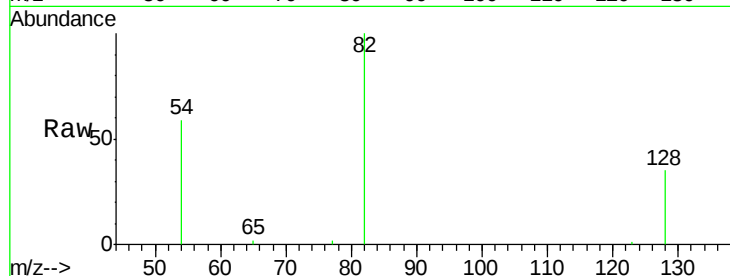
Tgt Ion: 82 Resp: 6722

Ion Ratio Lower Upper

82 100

128 35.0 28.0 42.0

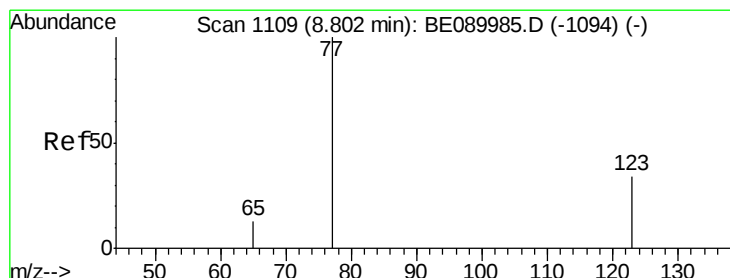
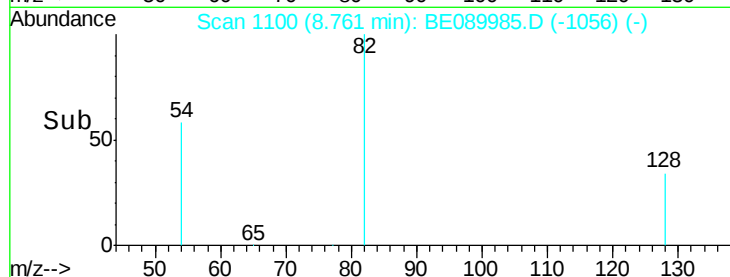
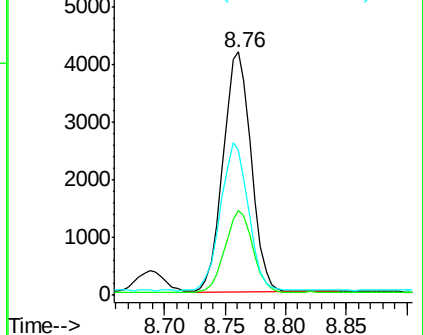
54 59.5 47.6 71.4



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: 1.01 ng

RT: 8.80 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

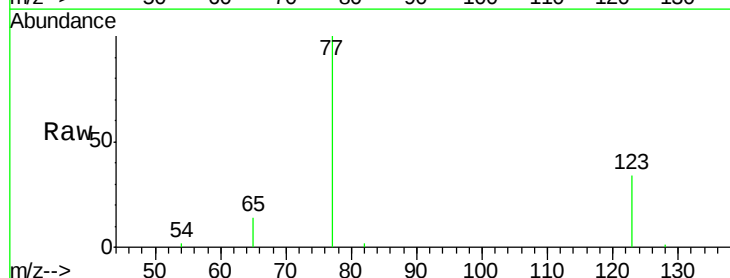
Tgt Ion: 77 Resp: 7033

Ion Ratio Lower Upper

77 100

123 34.2 27.4 41.0

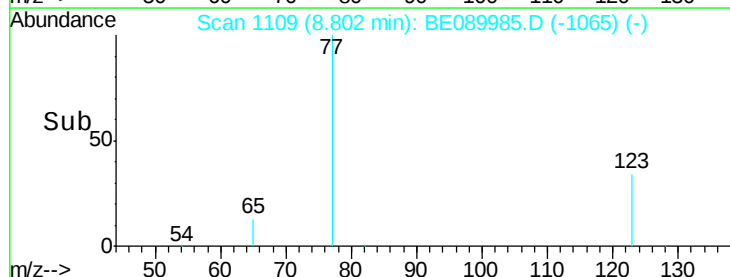
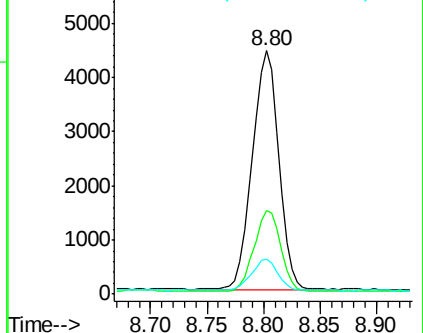
65 13.2 10.6 15.8



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: 0.99 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

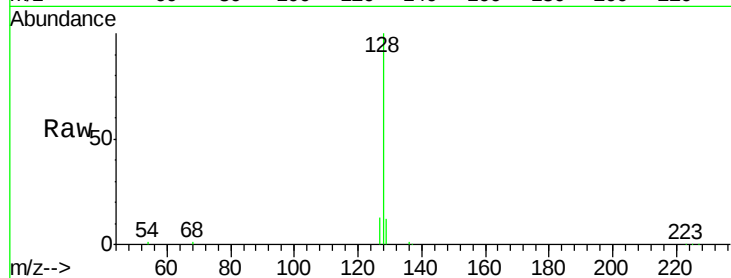
Tgt Ion:128 Resp: 19150

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

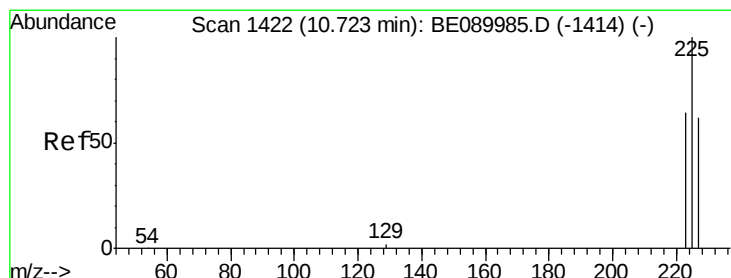
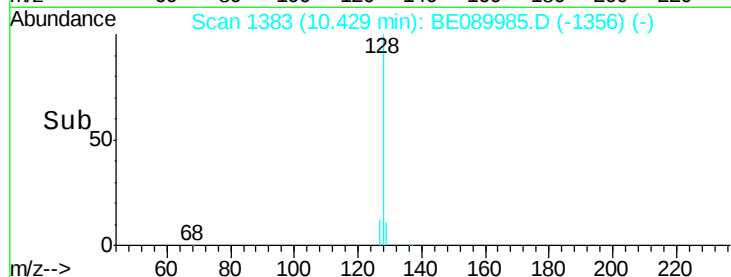
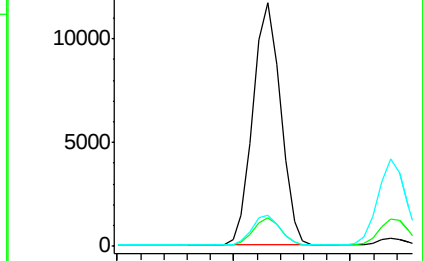
127 12.8 10.2 15.4



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: 0.99 ng

RT: 10.72 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

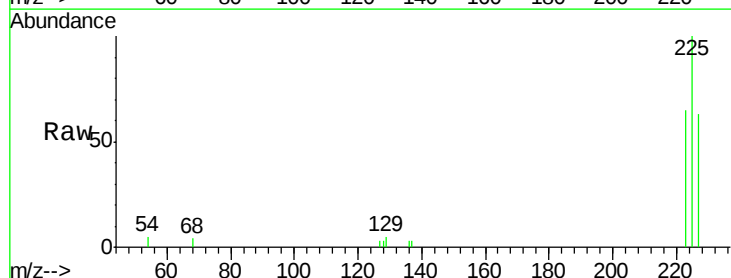
Tgt Ion:225 Resp: 3014

Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

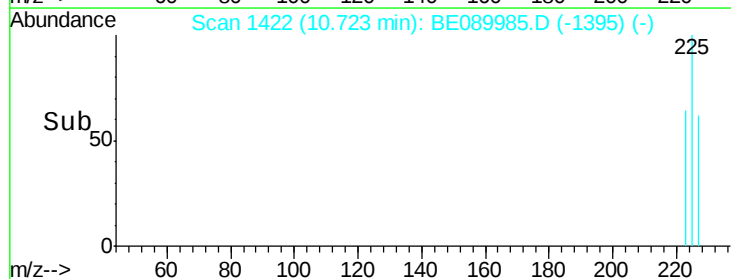
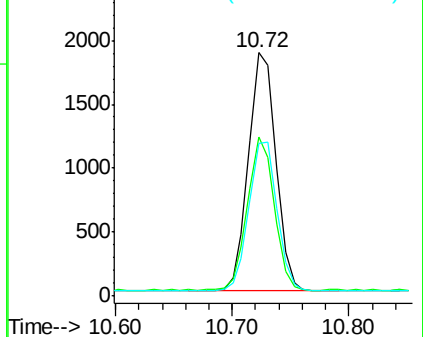
227 63.6 50.9 76.3

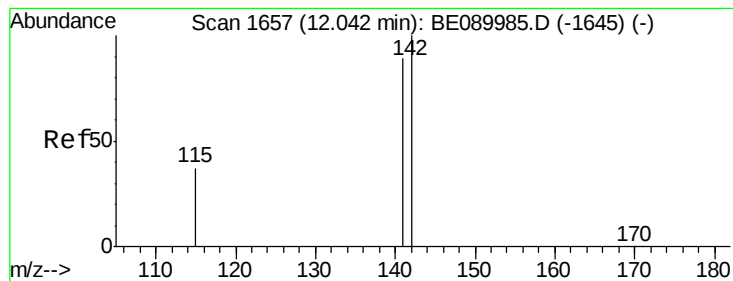


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

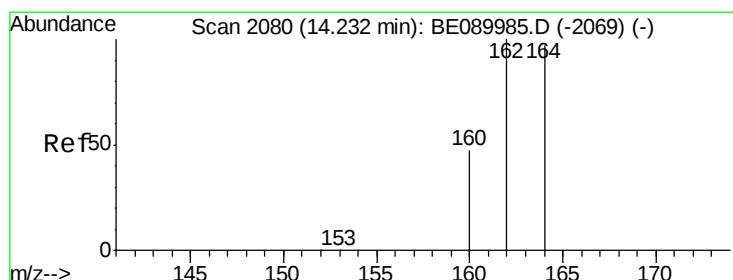
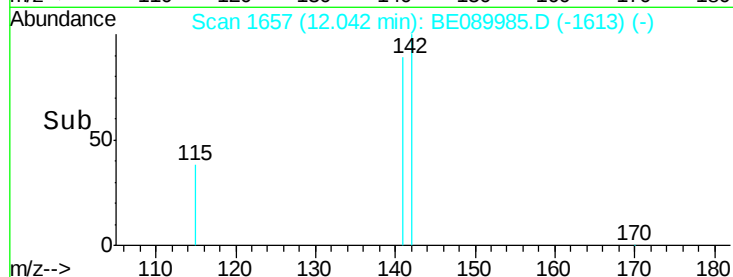
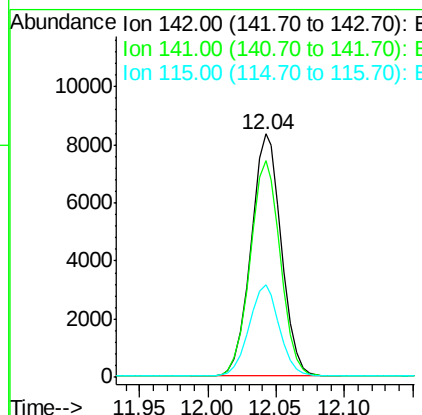
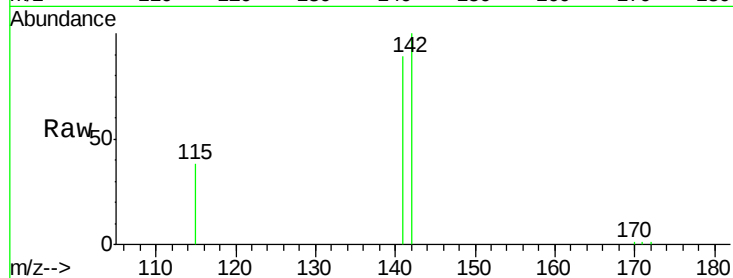




#11
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.04 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

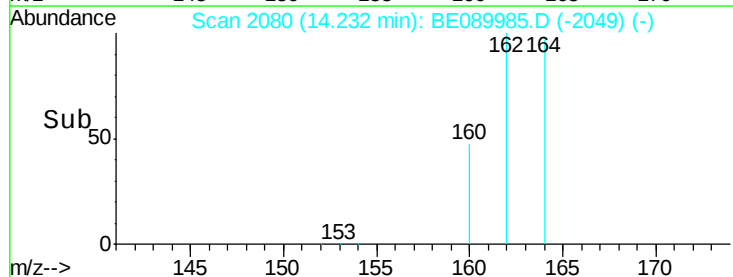
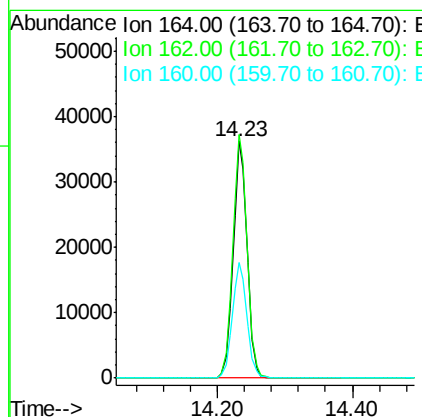
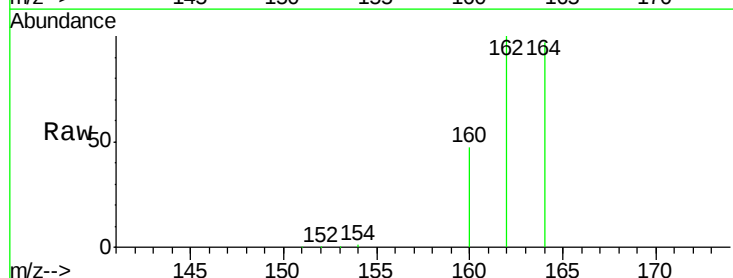
Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:142 Resp: 12781
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 38.0 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:164 Resp: 51874
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.4
160 48.8 39.0 58.6

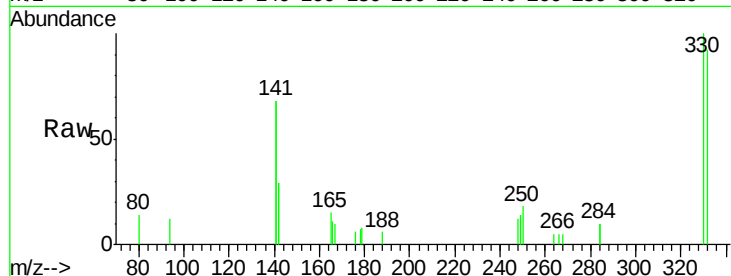




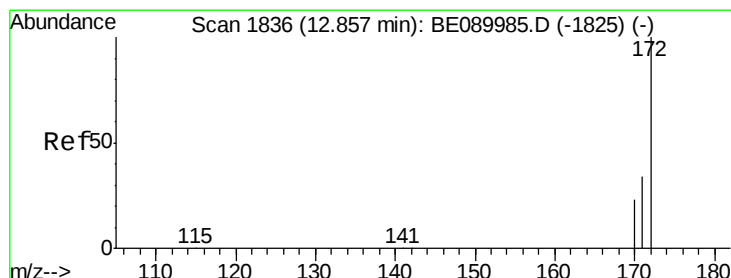
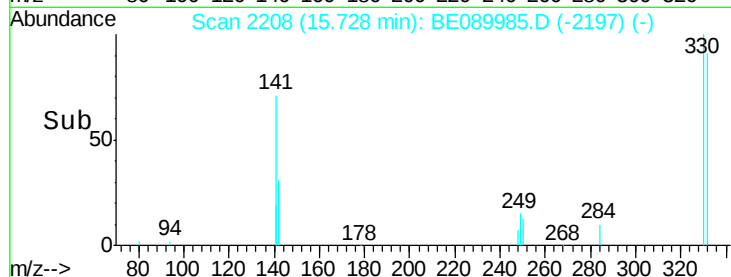
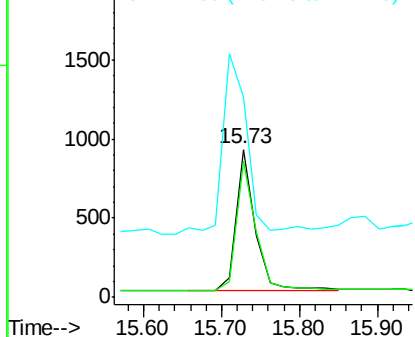
#13
 2,4,6-Tribromophenol
 Concen: 1.90 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089985.D
 Acq: 29 Jun 2015 16:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

Tgt Ion:330 Resp: 1488
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.4 114.6
 141 163.7 130.3 195.5

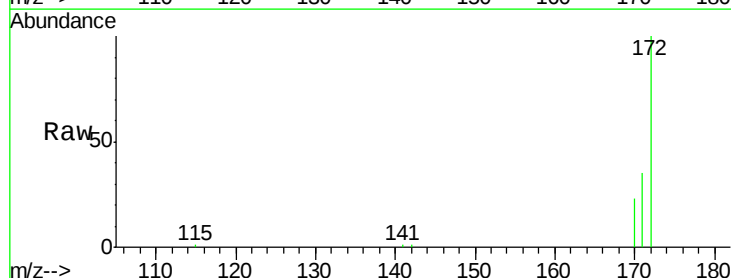


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

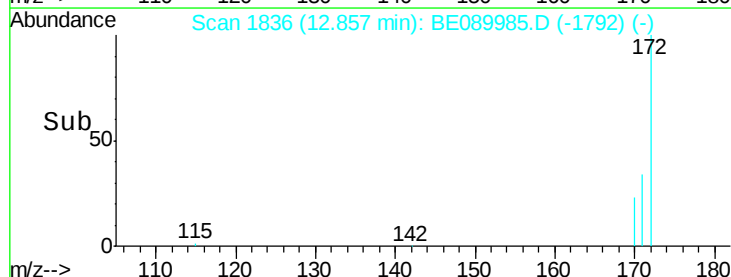
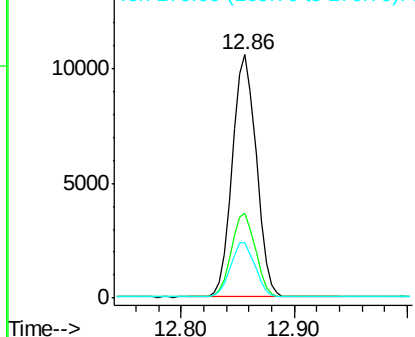


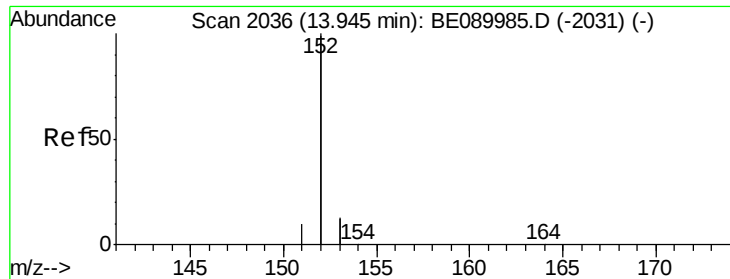
#14
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BE089985.D
 Acq: 29 Jun 2015 16:09

Tgt Ion:172 Resp: 15180
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.6
 170 22.9 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: 0.99 ng

RT: 13.95 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

Tgt Ion:152 Resp: 90725

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

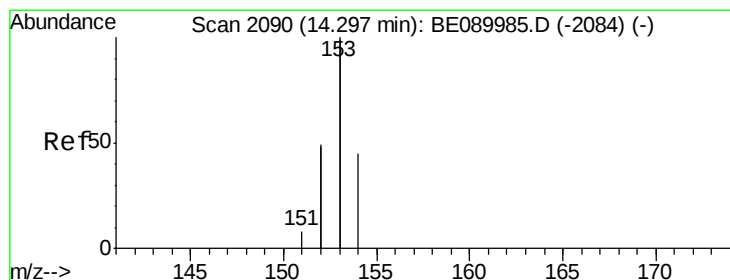
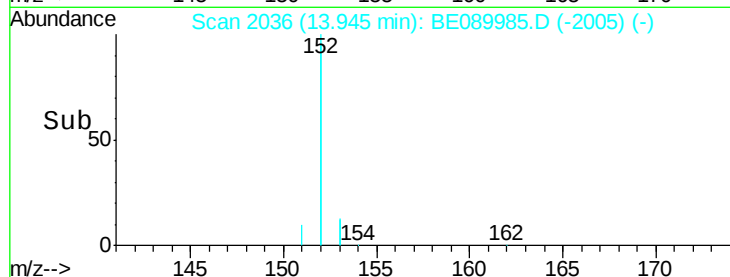
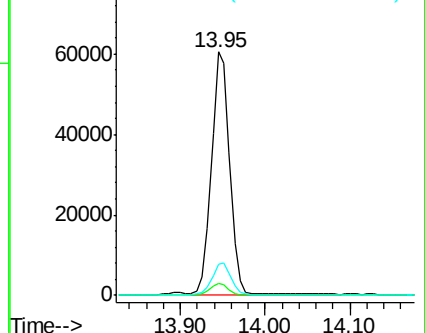
153 13.0 10.4 15.6



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: 0.99 ng

RT: 14.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

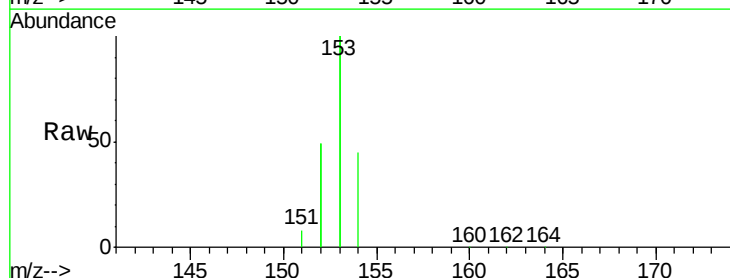
Tgt Ion:154 Resp: 13283

Ion Ratio Lower Upper

154 100

153 448.3 358.6 538.0

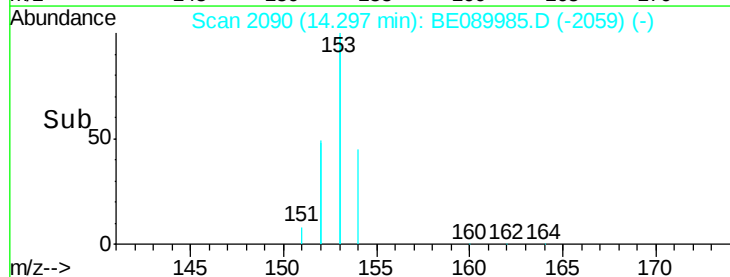
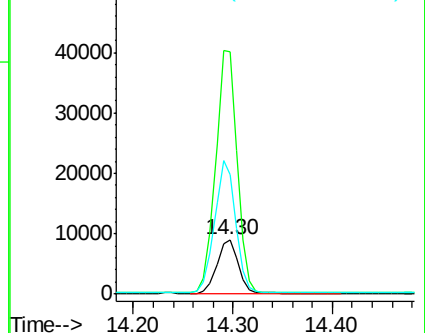
152 237.0 189.6 284.4

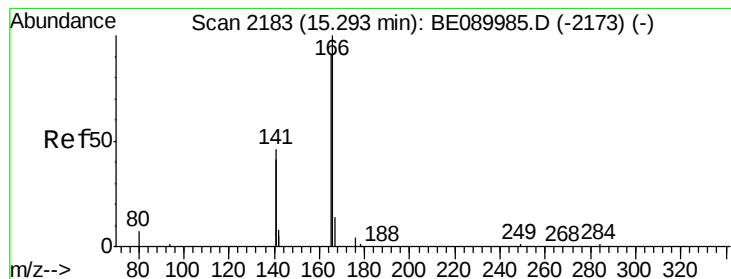


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.98 ng

RT: 15.29 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

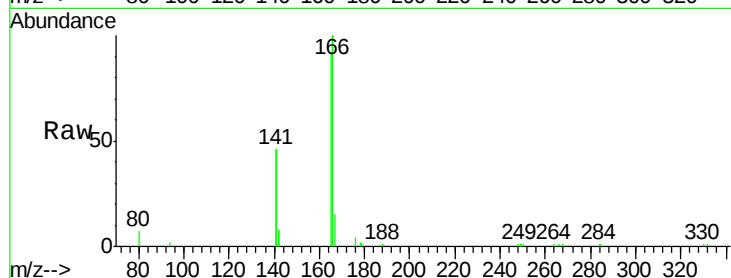
Tgt Ion:166 Resp: 17859

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

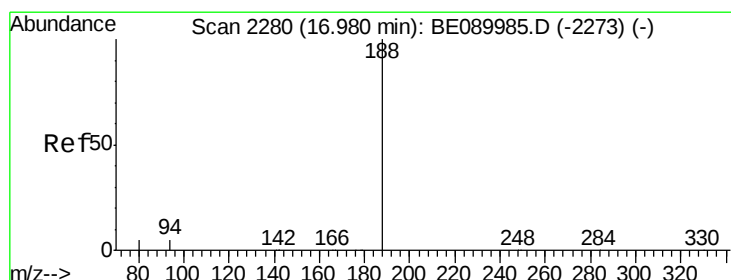
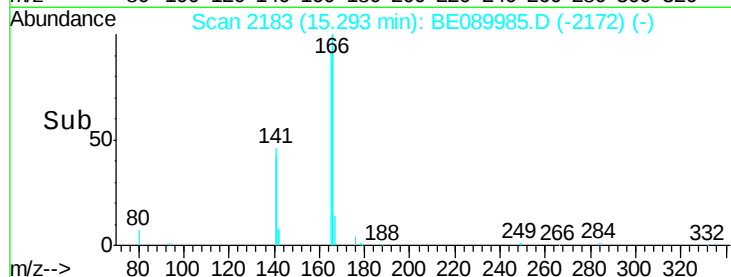
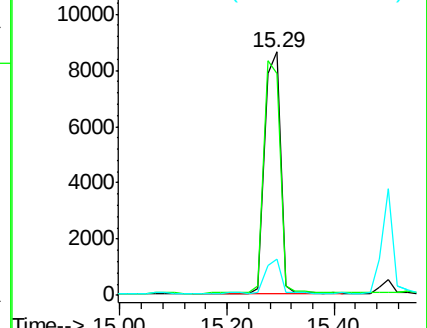
167 14.8 11.8 17.8



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# 2280

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

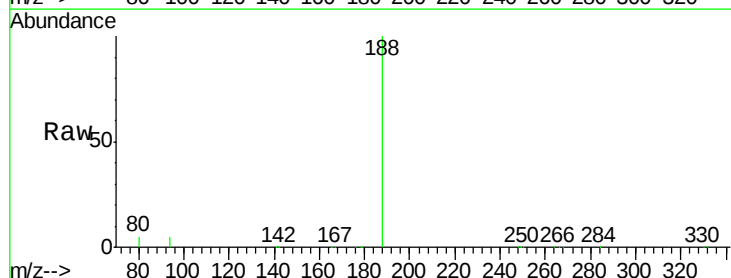
Tgt Ion:188 Resp: 128935

Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

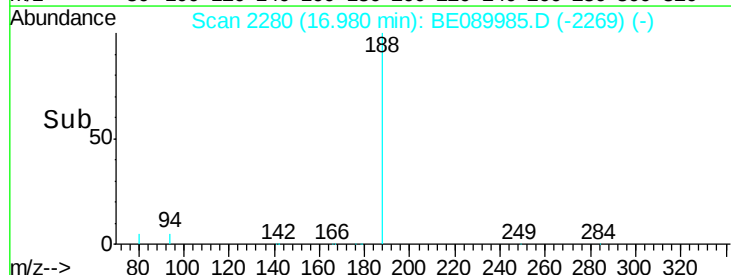
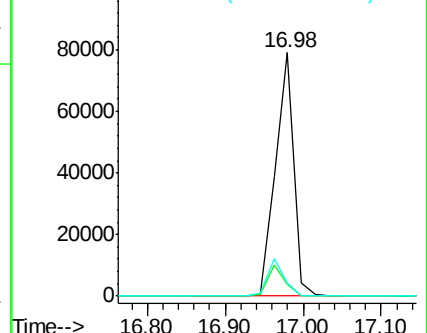
80 5.2 4.2 6.2



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: 1.00 ng

RT: 16.18 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

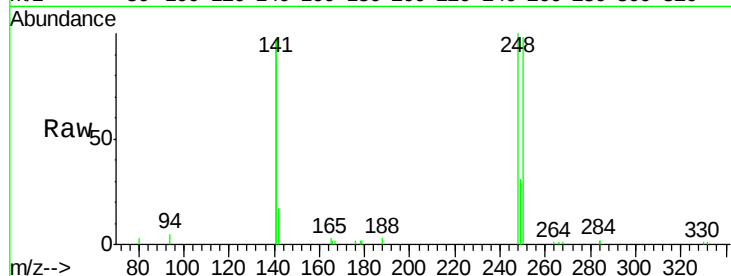
Tgt Ion:248 Resp: 5358

Ion Ratio Lower Upper

248 100

250 97.9 78.3 117.5

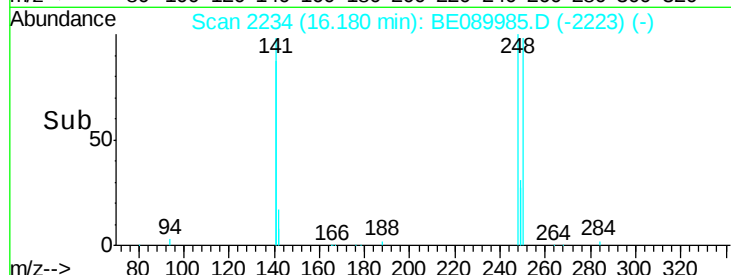
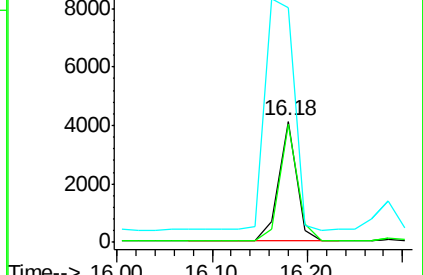
141 308.9 248.1 372.1



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: 0.95 ng

RT: 16.30 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

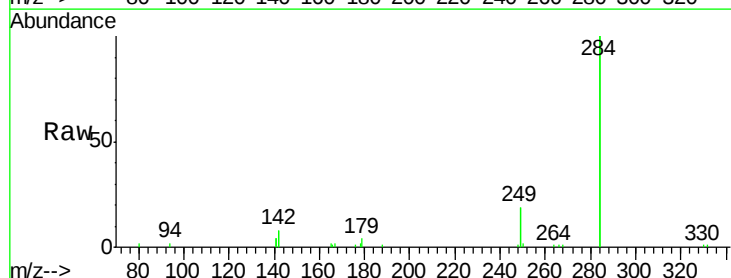
Tgt Ion:284 Resp: 21942

Ion Ratio Lower Upper

284 100

142 40.8 32.6 49.0

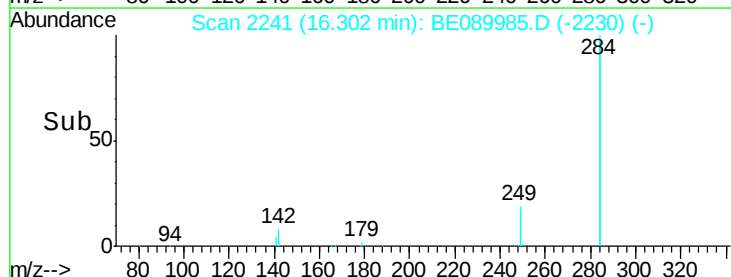
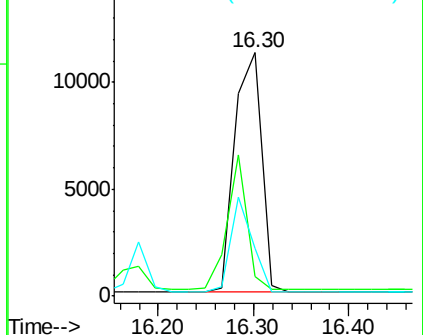
249 31.9 25.5 38.3



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

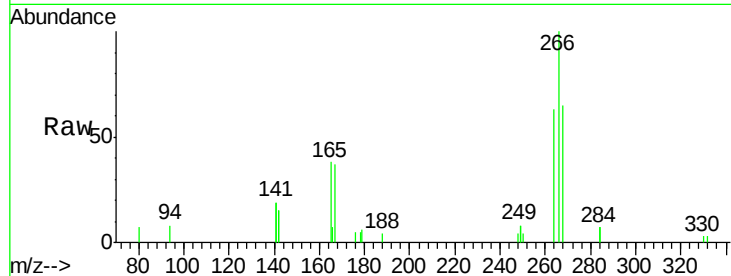




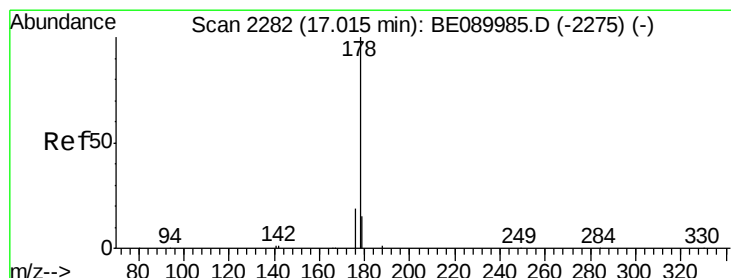
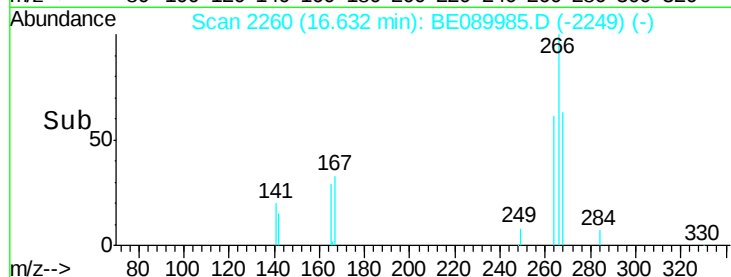
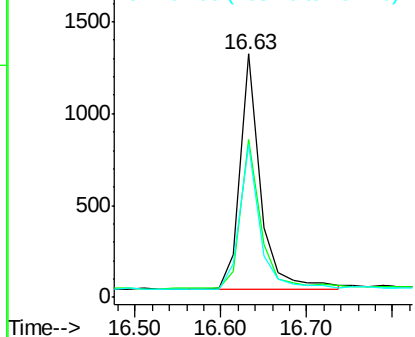
#21
 Pentachlorophenol
 Concen: 1.96 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE089985.D
 Acq: 29 Jun 2015 16:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

Tgt Ion:266 Resp: 2094
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.8 77.8
 264 62.7 50.2 75.2

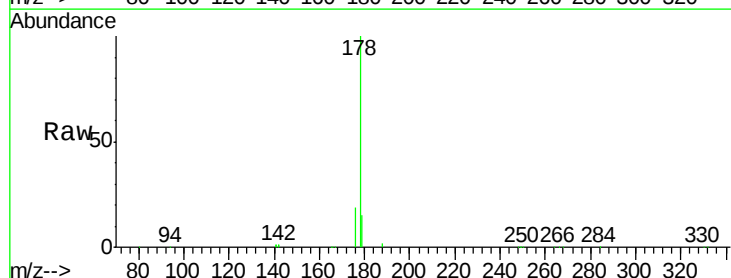


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

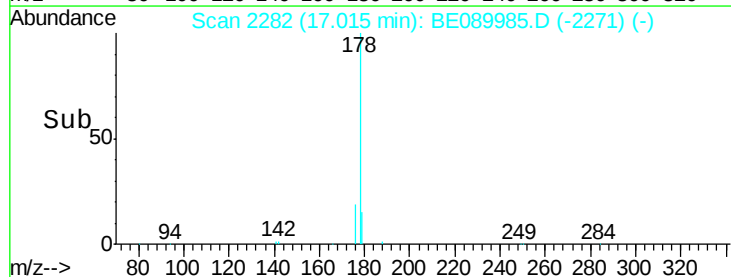
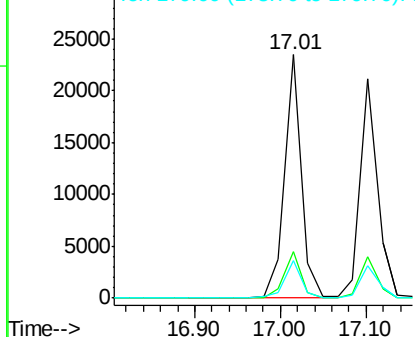


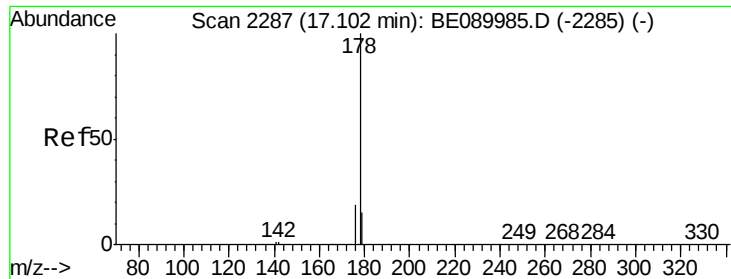
#22
 Phenanthrene
 Concen: 0.98 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BE089985.D
 Acq: 29 Jun 2015 16:09

Tgt Ion:178 Resp: 32055
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.5 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: 0.98 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

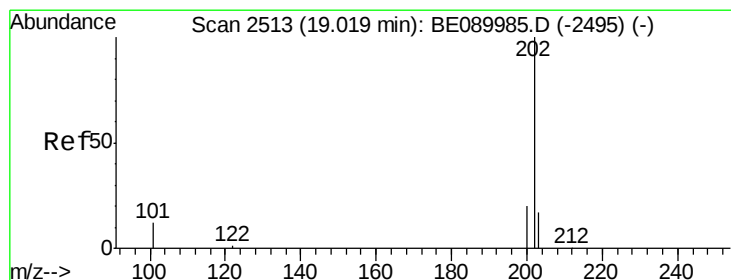
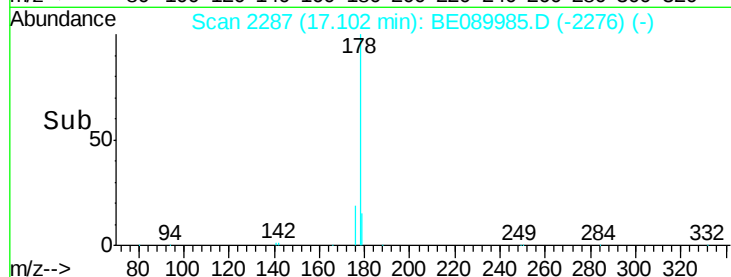
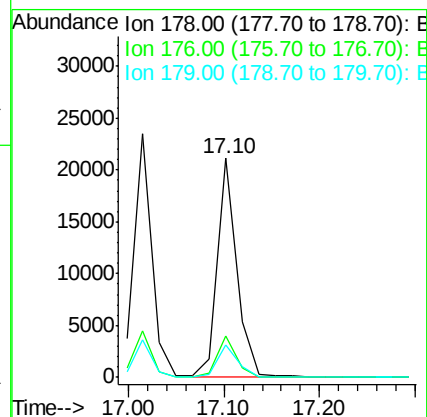
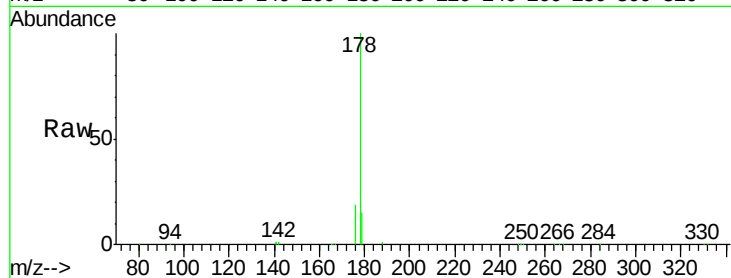
Tgt Ion:178 Resp: 29649

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.0 12.1 18.1



#24

Fluoranthene

Concen: 1.01 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

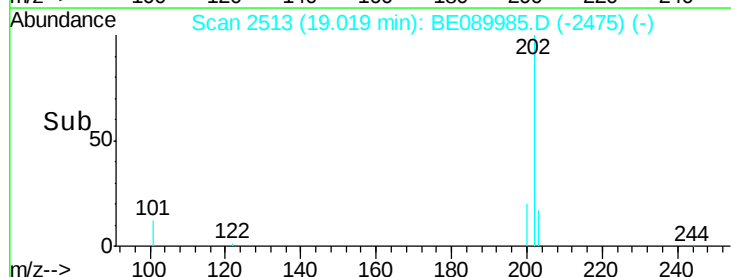
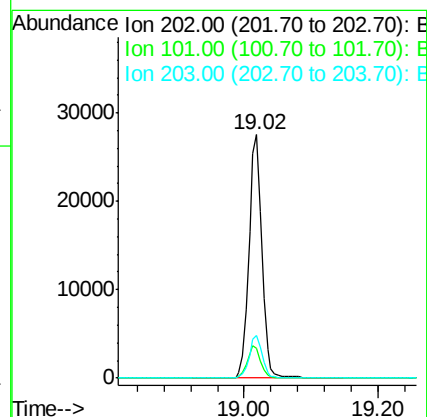
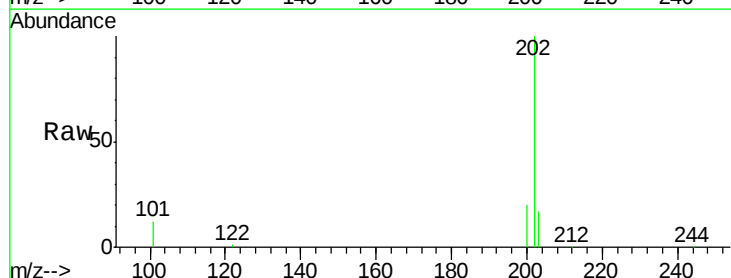
Tgt Ion:202 Resp: 36164

Ion Ratio Lower Upper

202 100

101 13.2 10.6 15.8

203 17.2 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

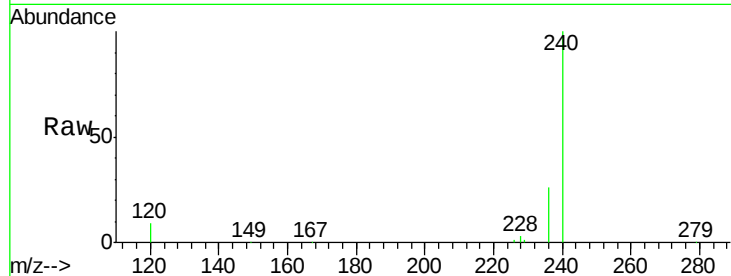
Tgt Ion:240 Resp: 159817

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

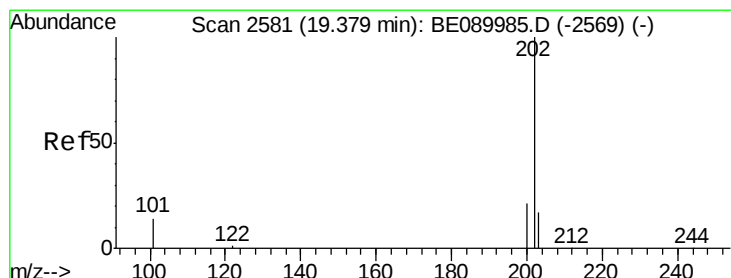
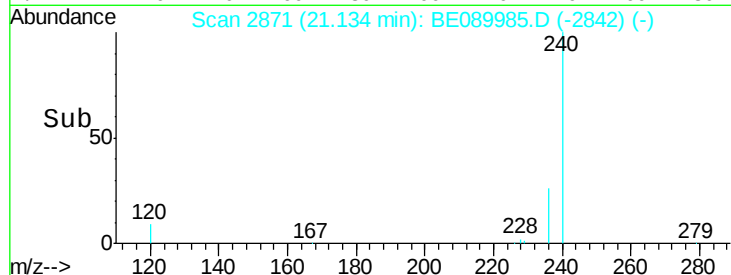
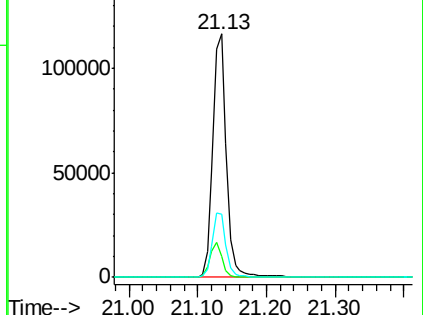
236 26.0 20.8 31.2



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: 0.93 ng

RT: 19.38 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

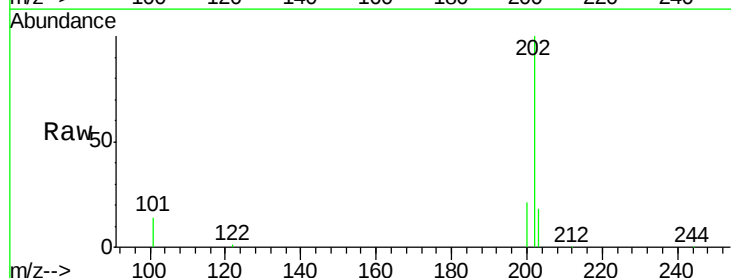
Tgt Ion:202 Resp: 37429

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

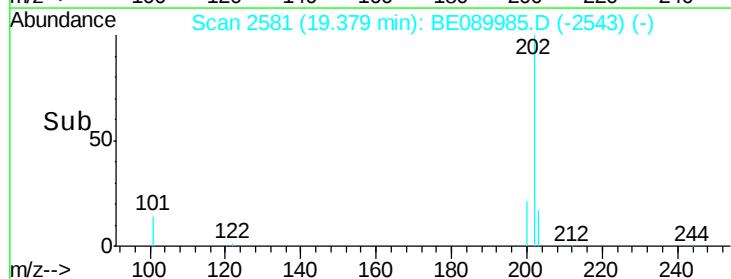
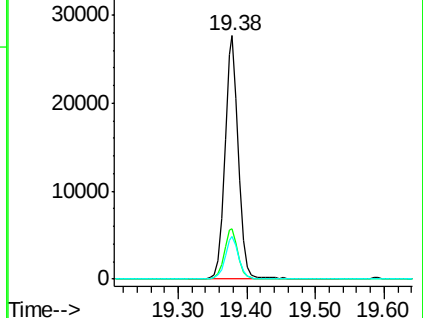
203 17.4 13.9 20.9

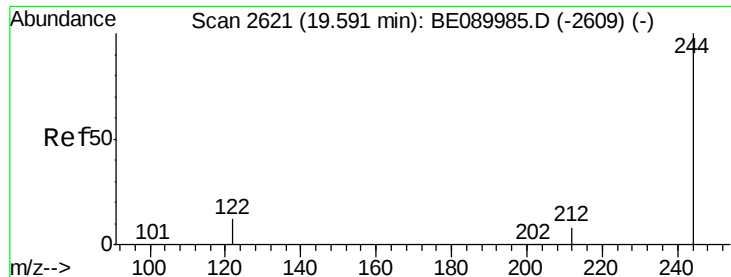


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

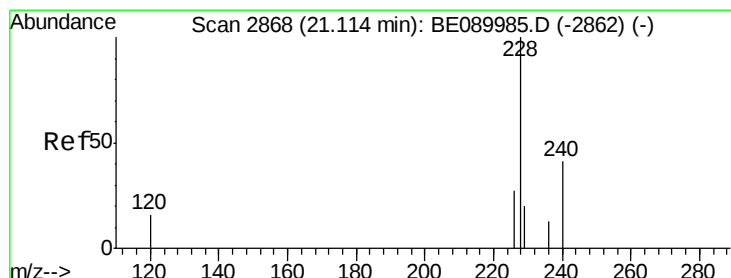
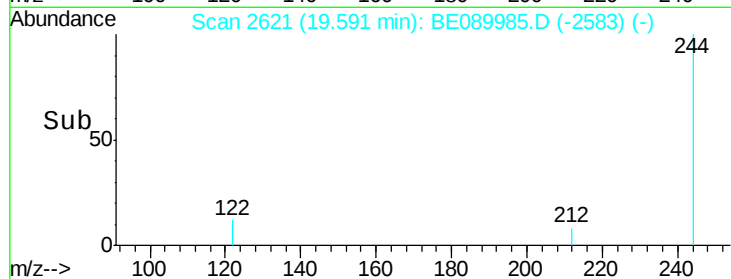
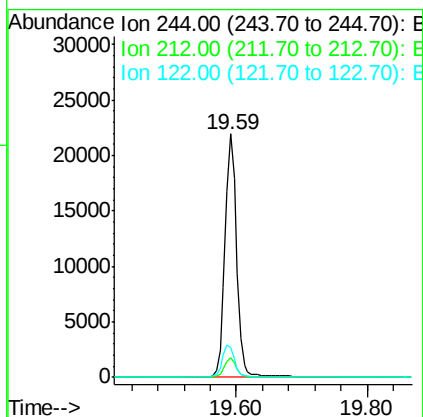
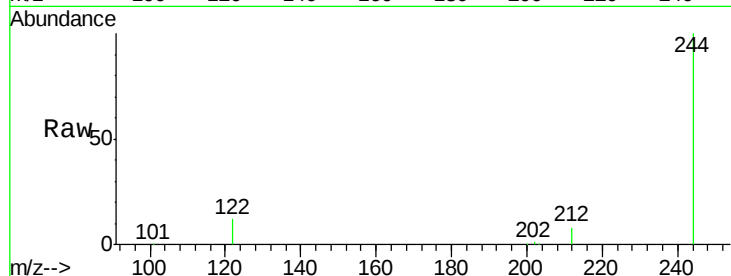




#27
 Terphenyl-d14
 Concen: 0.96 ng
 RT: 19.59 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BE089985.D
 Acq: 29 Jun 2015 16:09

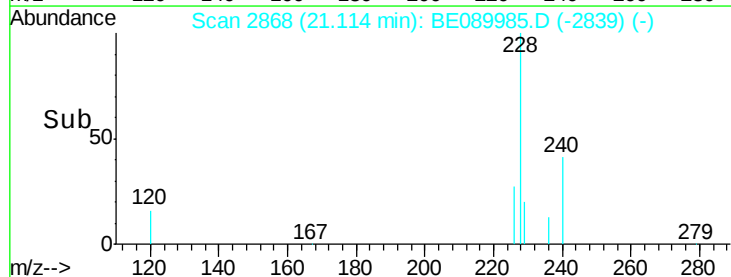
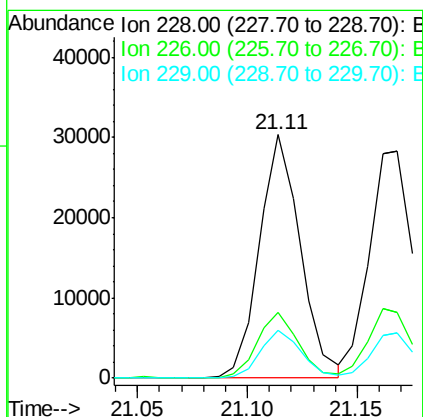
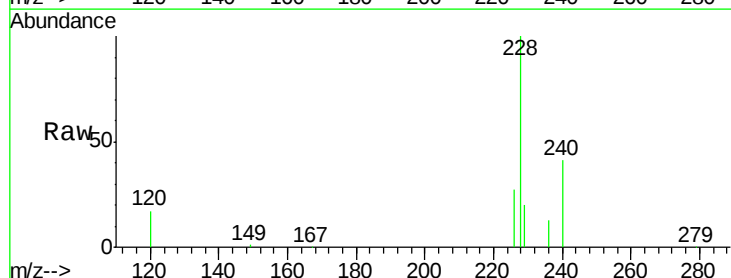
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

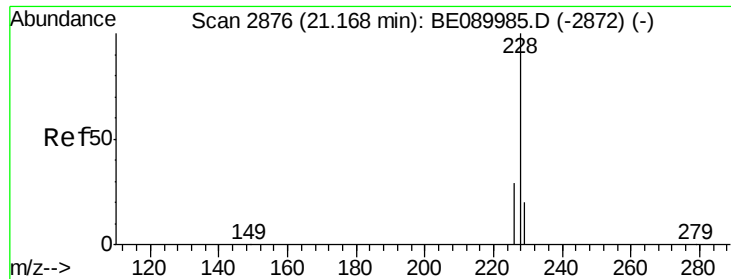
Tgt Ion:244 Resp: 26582
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 12.3 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 1.01 ng
 RT: 21.11 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089985.D
 Acq: 29 Jun 2015 16:09

Tgt Ion:228 Resp: 39021
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.8 32.6
 229 19.7 15.8 23.6





#29

Chrysene

Concen: 0.97 ng

RT: 21.17 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

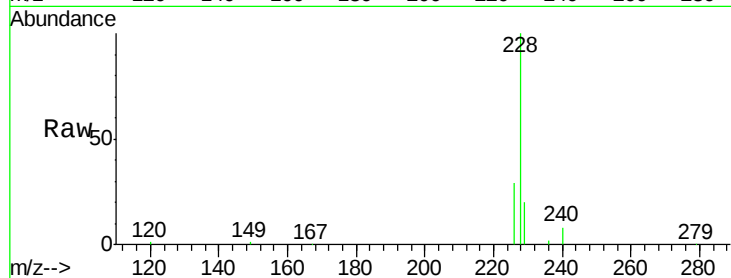
Tgt Ion:228 Resp: 40942

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

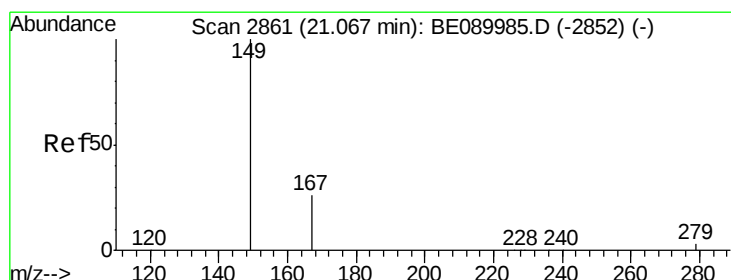
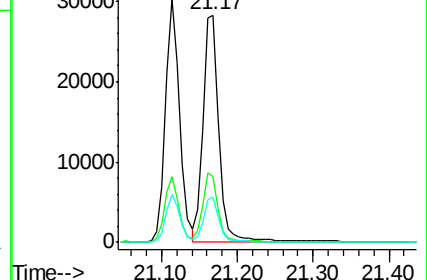
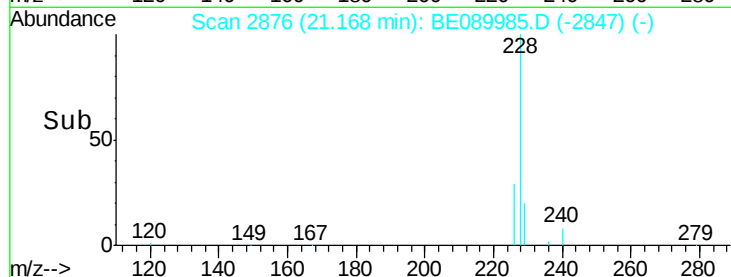
229 20.2 16.2 24.2



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: 2.46 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

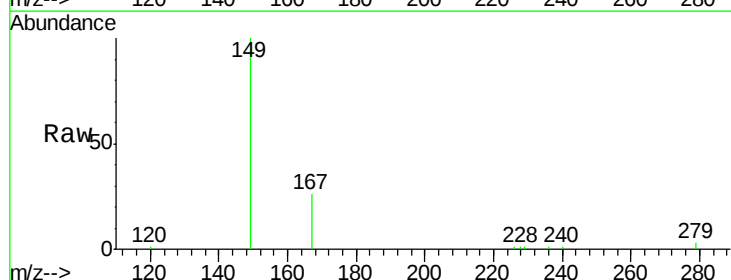
Tgt Ion:149 Resp: 11691

Ion Ratio Lower Upper

149 100

167 25.4 20.3 30.5

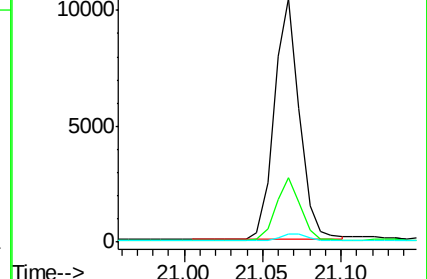
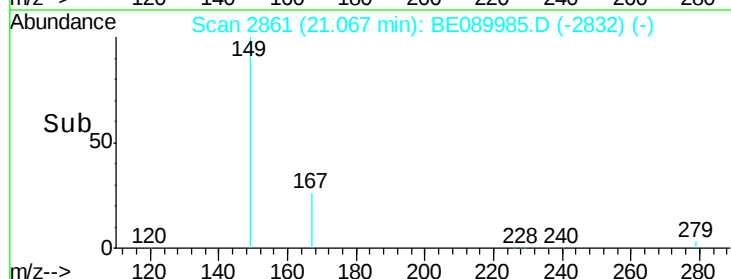
279 3.2 2.6 3.8

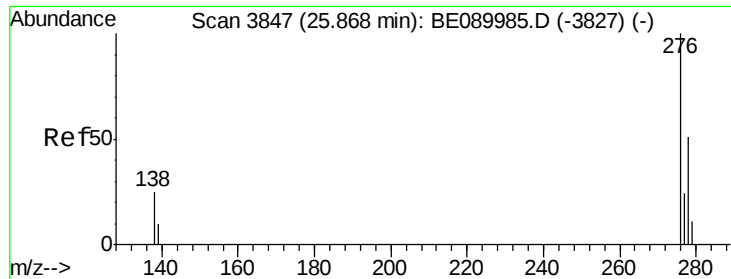


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.22 ng

RT: 25.87 min Scan# 3847

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

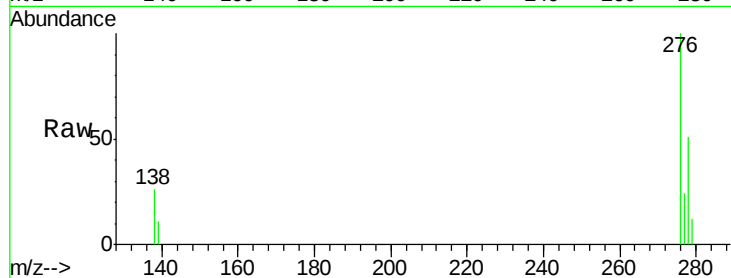
Tgt Ion:276 Resp: 39084

Ion Ratio Lower Upper

276 100

138 26.6 21.3 31.9

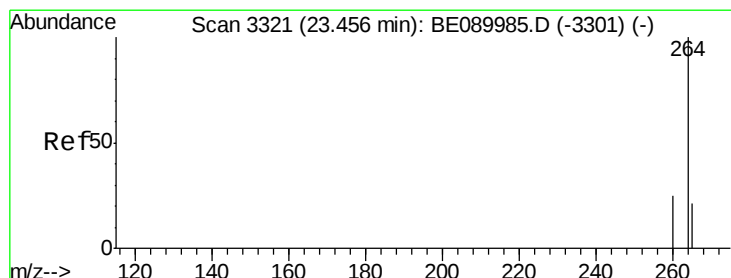
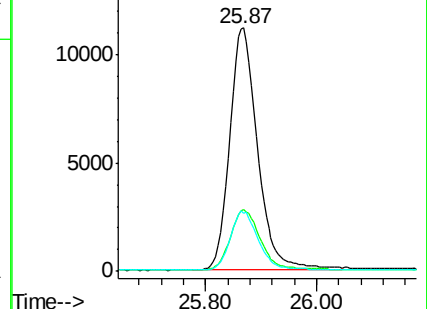
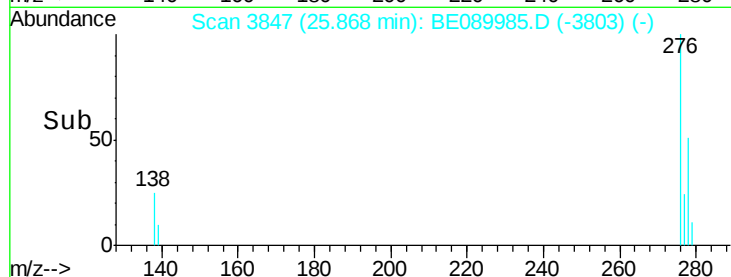
277 24.6 19.7 29.5



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: BE089985.D

Acq: 29 Jun 2015 16:09

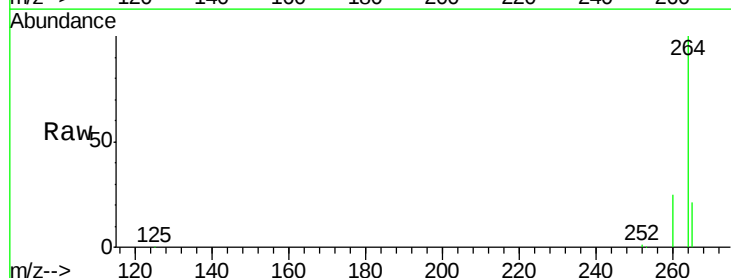
Tgt Ion:264 Resp: 154962

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

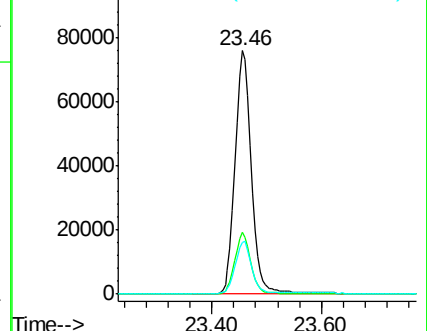
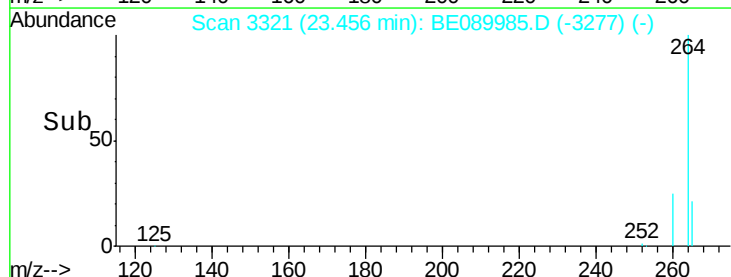
265 21.4 17.1 25.7

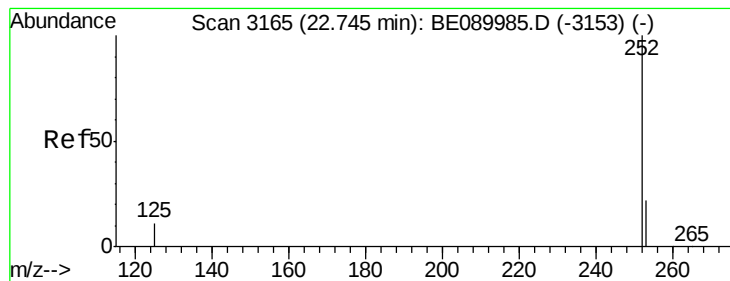


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.02 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

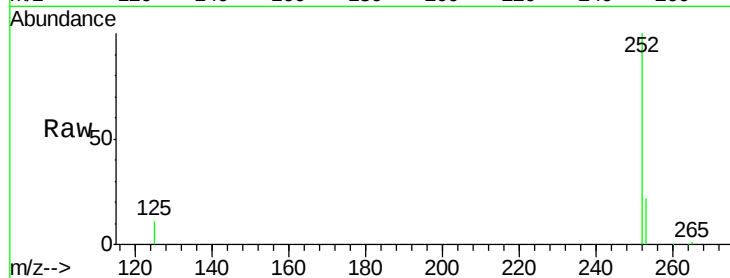
Tgt Ion:252 Resp: 33945

Ion Ratio Lower Upper

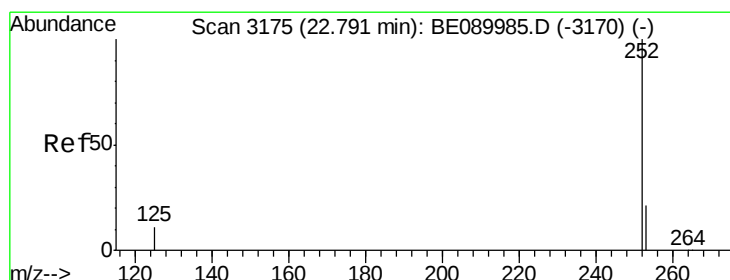
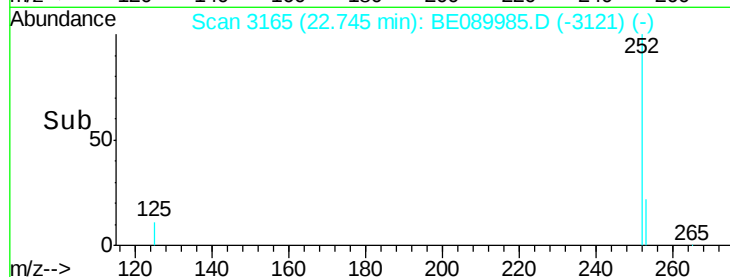
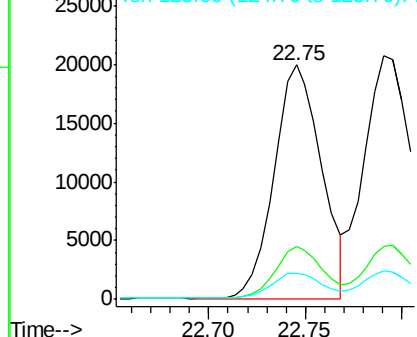
252 100

253 22.3 17.8 26.8

125 11.2 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: 1.01 ng

RT: 22.79 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

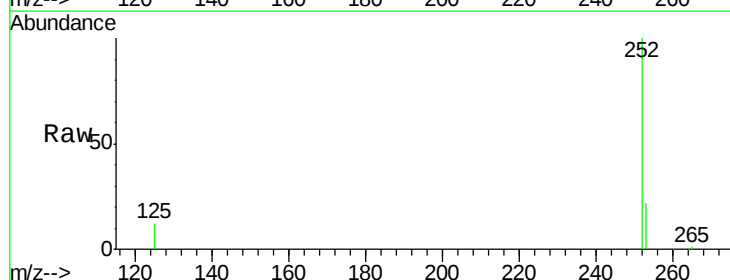
Tgt Ion:252 Resp: 38102

Ion Ratio Lower Upper

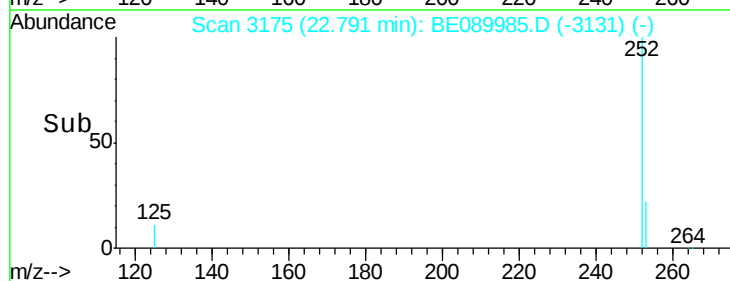
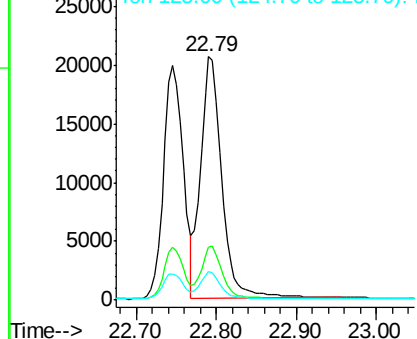
252 100

253 21.9 17.5 26.3

125 11.9 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: 1.06 ng

RT: 23.35 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

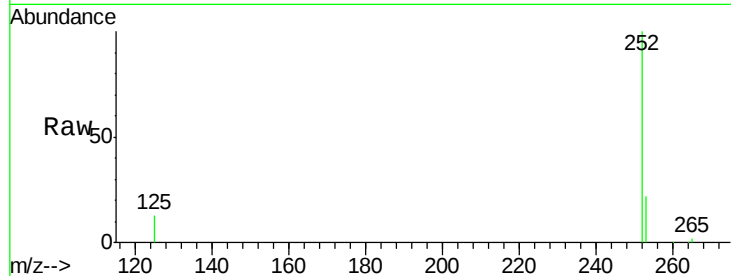
Tgt Ion:252 Resp: 31475

Ion Ratio Lower Upper

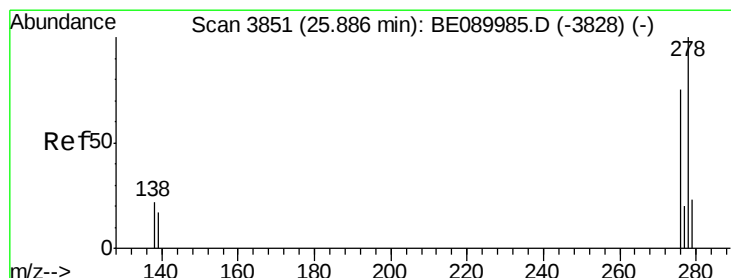
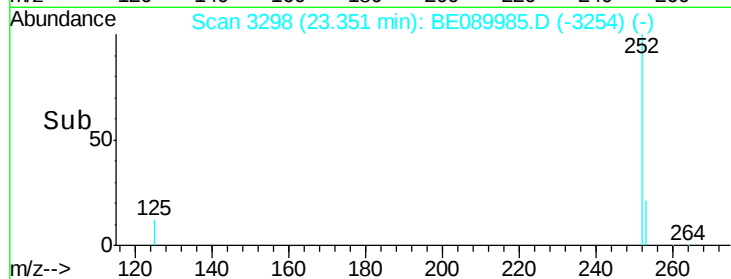
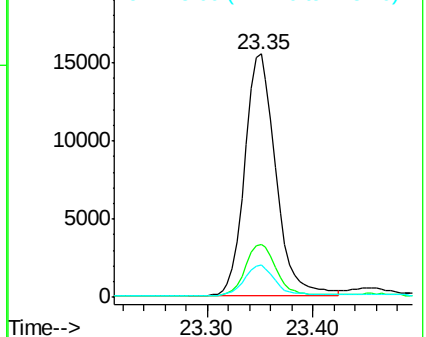
252 100

253 21.8 17.4 26.2

125 13.1 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: 1.14 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BE089985.D

Acq: 29 Jun 2015 16:09

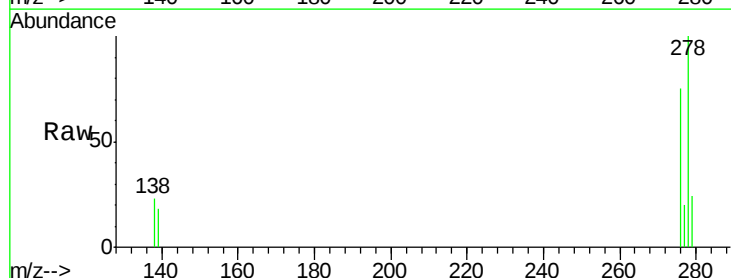
Tgt Ion:278 Resp: 31835

Ion Ratio Lower Upper

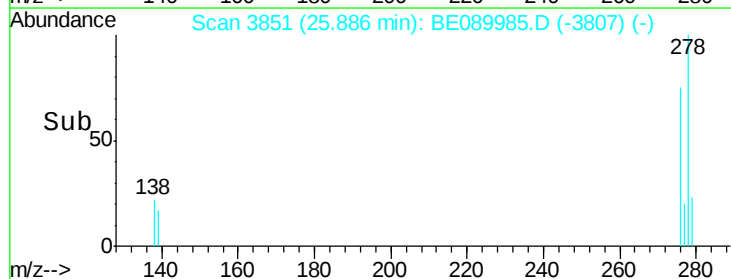
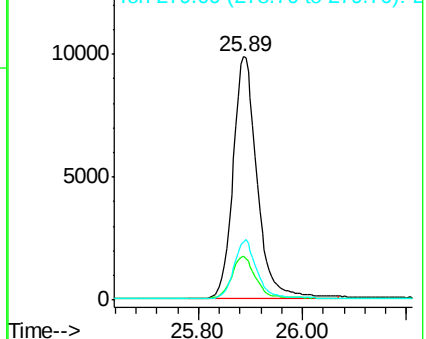
278 100

139 18.0 14.4 21.6

279 23.8 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: 1.09 ng

RT: 26.61 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE089985.D

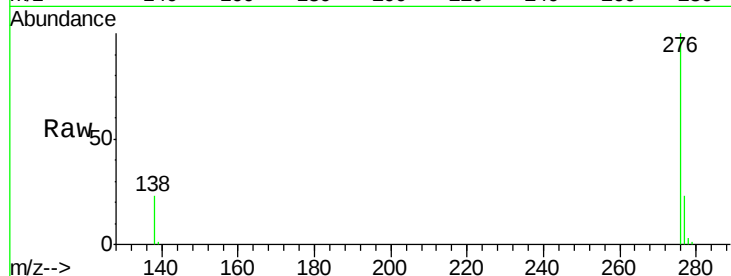
Acq: 29 Jun 2015 16:09

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001



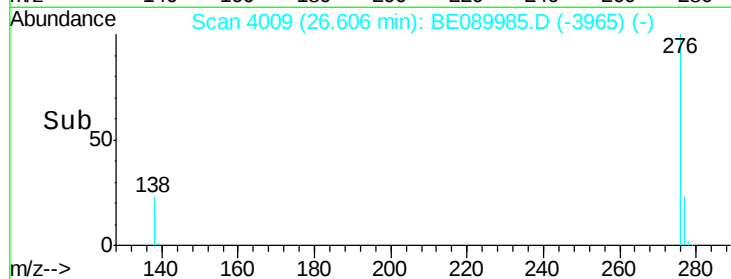
Tgt Ion: 276 Resp: 32480

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.2 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

