

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090573.D
 Acq On : 20 Aug 2015 13:43
 Operator : UM/IZ
 Sample : PB85108BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85108BS

Quant Time: Aug 21 01:30:14 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

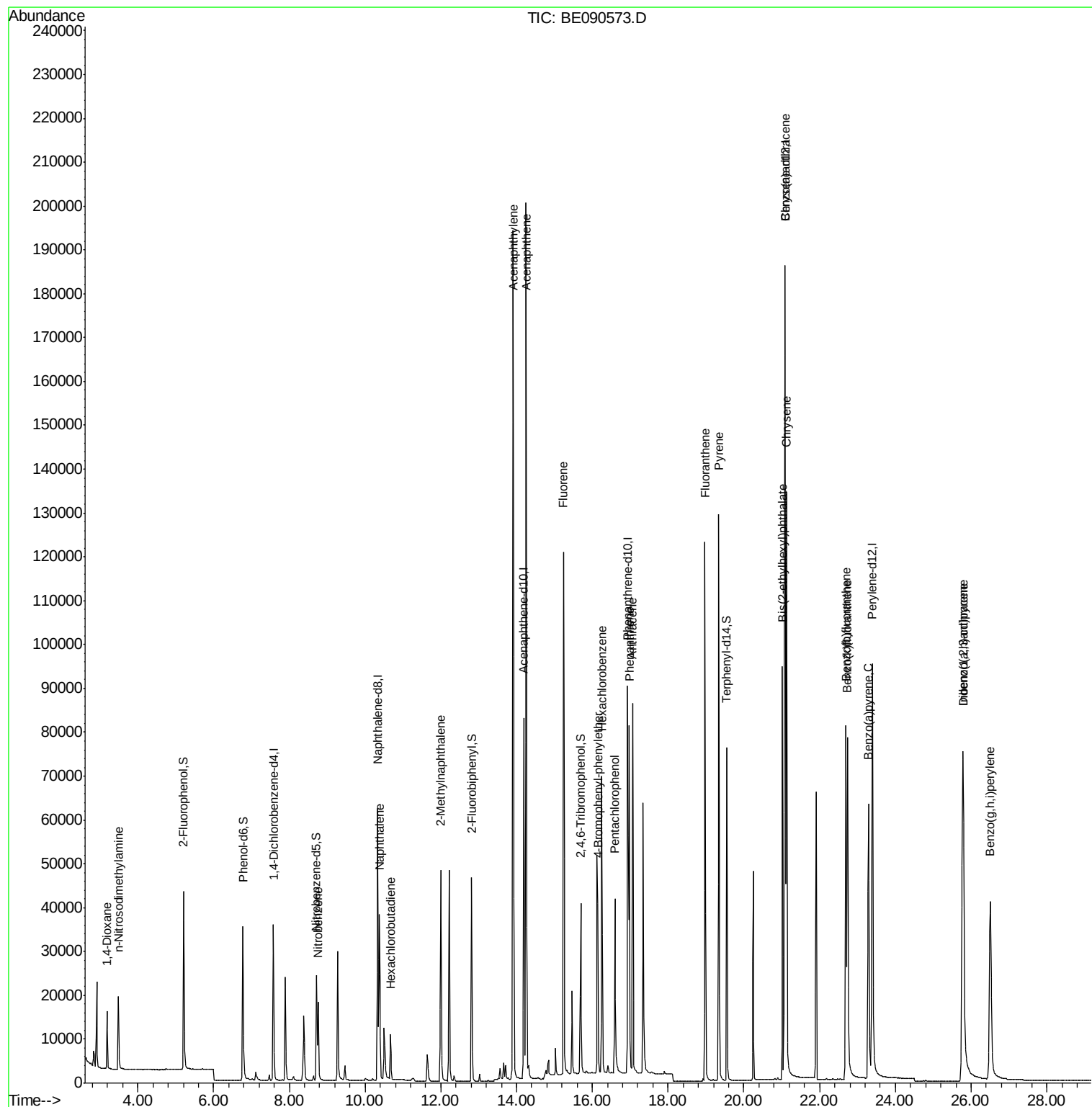
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	17645	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	83978	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	50474	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	124093	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	152302	5.00	ng	0.00
32) Perylene-d12	23.39	264	142223	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	31497	6.17	ng	0.00
5) Phenol-d6	6.77	99	44787	5.97	ng	0.00
7) Nitrobenzene-d5	8.72	82	22721	3.40	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	17402	8.96	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	46108	3.06	ng	0.00
27) Terphenyl-d14	19.55	244	81884	2.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	7272	3.62	ng	93
3) n-Nitrosodimethylamine	3.48	42	9315	3.06	ng	# 71
8) Nitrobenzene	8.76	77	21410	3.09	ng	94
9) Naphthalene	10.38	128	52554	2.75	ng	98
10) Hexachlorobutadiene	10.67	225	7763	2.77	ng	99
11) 2-Methylnaphthalene	12.00	142	37386	3.01	ng	99
15) Acenaphthylene	13.91	152	264696	2.87	ng	100
16) Acenaphthene	14.25	154	39603	2.86	ng	# 78
17) Fluorene	15.24	166	52782	3.10	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	14503	2.86	ng	# 74
20) Hexachlorobenzene	16.25	284	64042	2.85	ng	97
21) Pentachlorophenol	16.60	266	20500	7.45	ng	92
22) Phenanthrene	16.98	178	92676	2.85	ng	99
23) Anthracene	17.07	178	93205	3.11	ng	100
24) Fluoranthene	18.98	202	113786	3.28	ng	99
26) Pyrene	19.34	202	121392	2.79	ng	99
28) Benzo(a)anthracene	21.08	228	116620	2.91	ng	98
29) Chrysene	21.13	228	117296	2.86	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	80770	3.42	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	116362	3.02	ng	# 91
33) Benzo(b)fluoranthene	22.69	252	102626	3.05	ng	98
34) Benzo(k)fluoranthene	22.74	252	116677	3.06	ng	98
35) Benzo(a)pyrene	23.29	252	100672	3.20	ng	98
36) Dibenzo(a,h)anthracene	25.79	278	92998	3.06	ng	97
37) Benzo(g,h,i)perylene	26.51	276	102292	3.08	ng	96

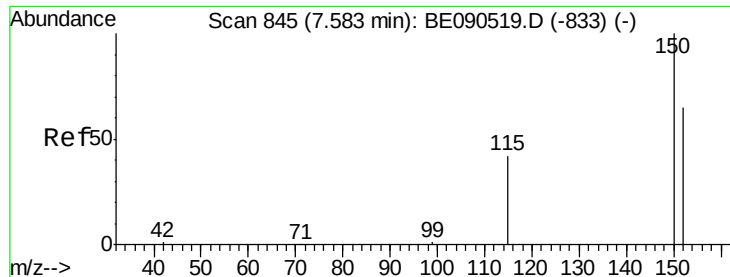
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

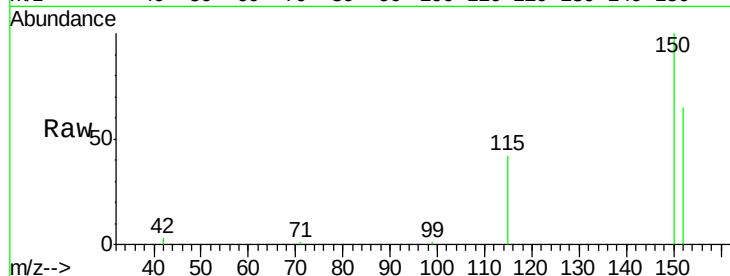
Tgt Ion:152 Resp: 17645

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

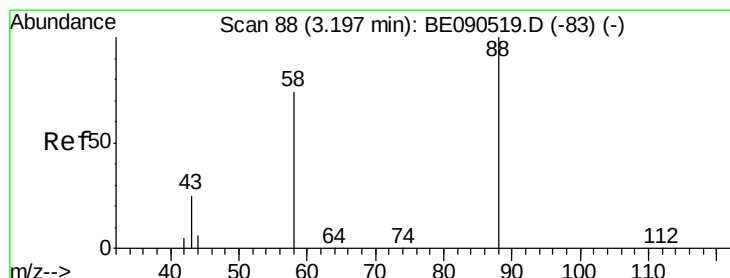
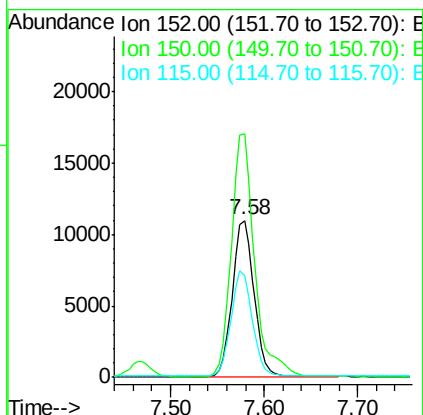
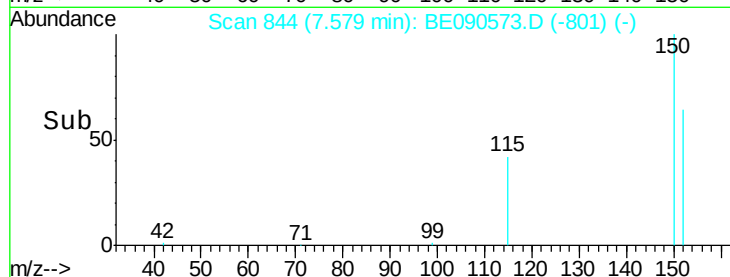
115 64.9 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.62 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

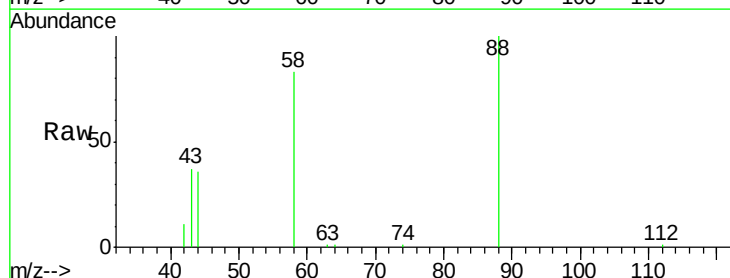
Tgt Ion: 88 Resp: 7272

Ion Ratio Lower Upper

88 100

58 81.9 70.0 105.0

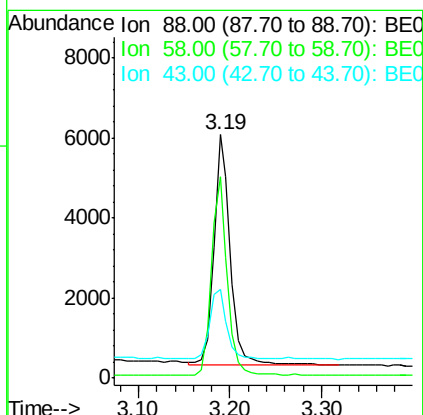
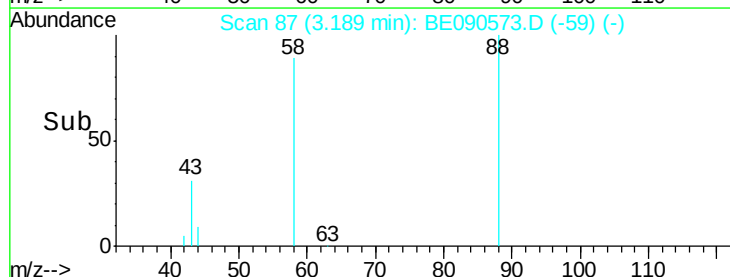
43 31.0 28.4 42.6

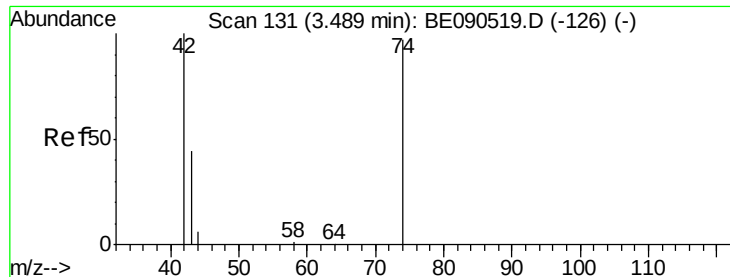


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.06 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

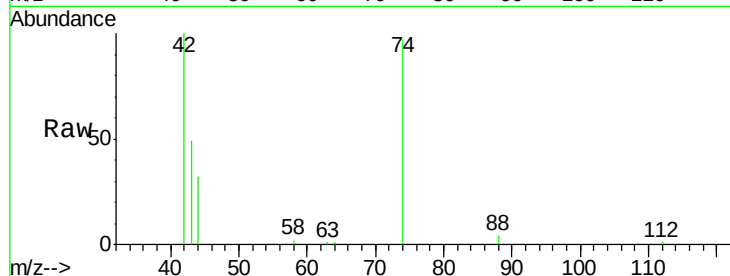
Tgt Ion: 42 Resp: 9315

Ion Ratio Lower Upper

42 100

74 124.8 75.2 112.8#

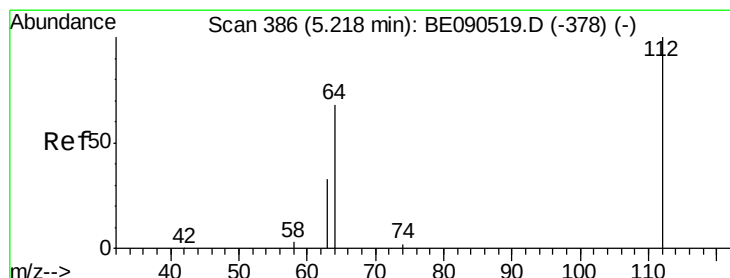
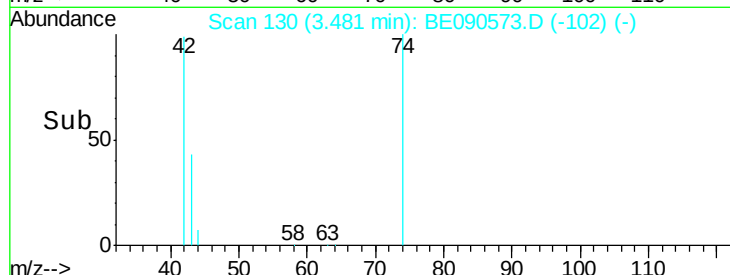
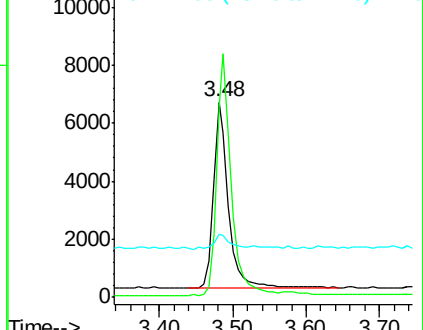
44 9.1 8.7 13.1



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: 6.17 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

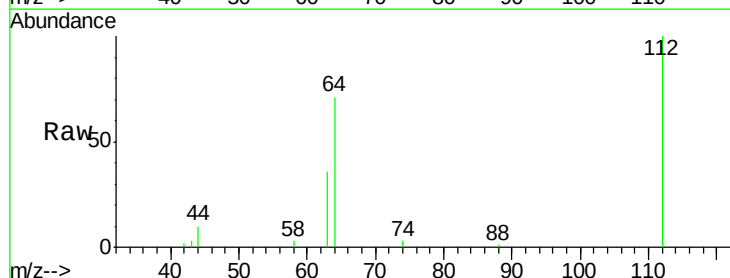
Tgt Ion: 112 Resp: 31497

Ion Ratio Lower Upper

112 100

64 69.7 37.1 55.7#

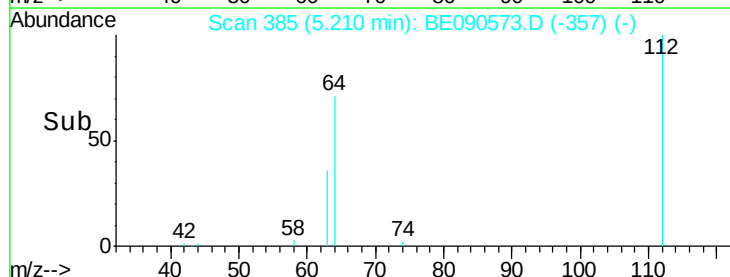
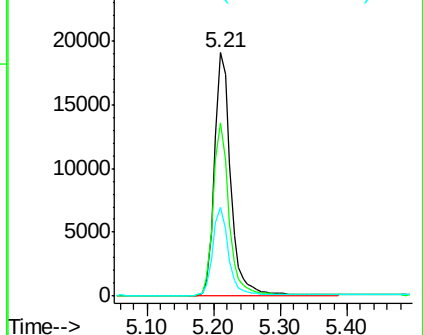
63 35.7 19.5 29.3#

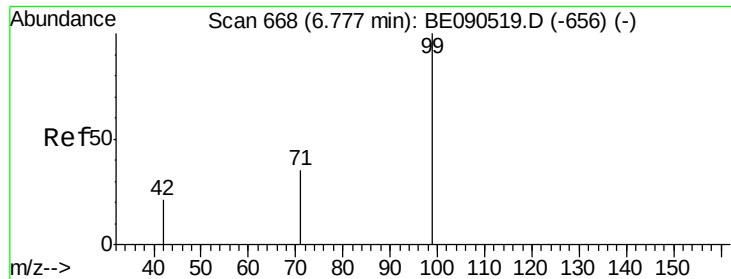


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.97 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

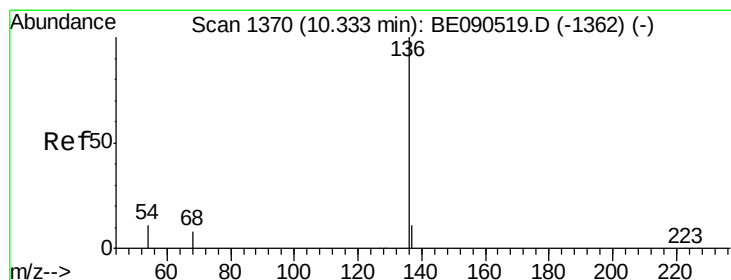
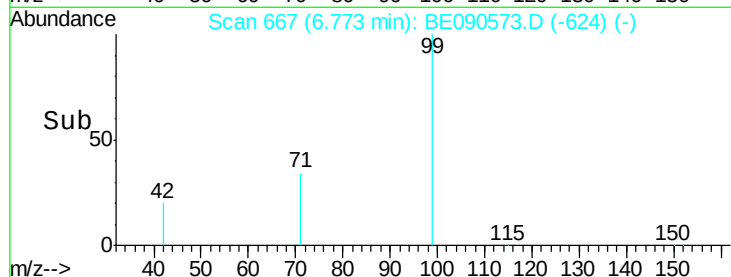
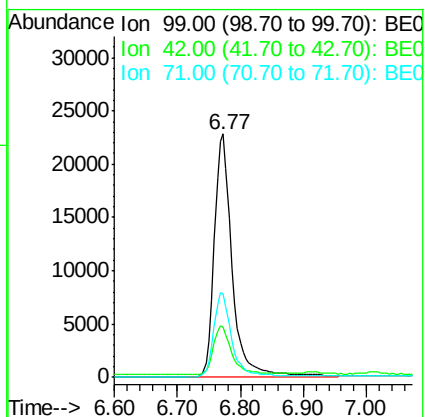
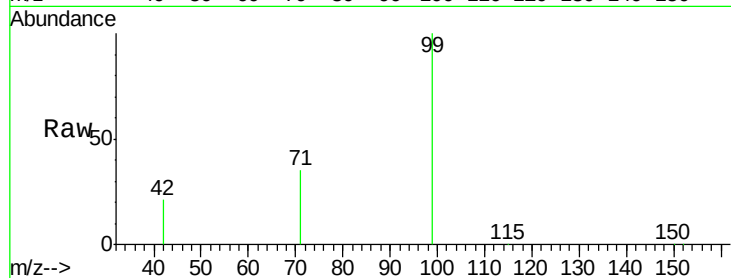
Tgt Ion: 99 Resp: 44787

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.4

71 35.1 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Tgt Ion: 136 Resp: 83978

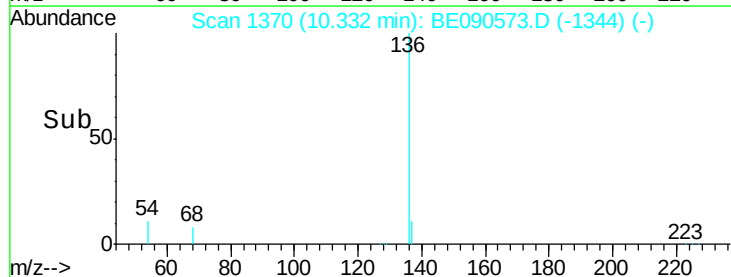
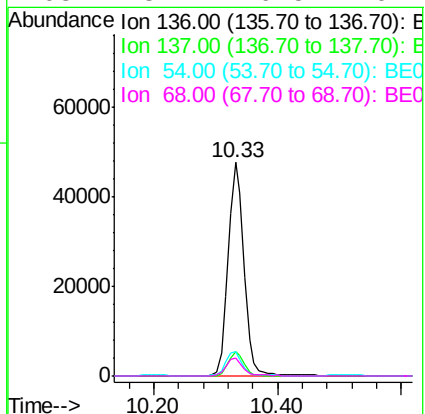
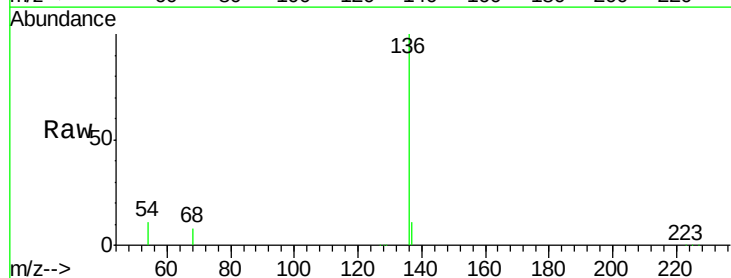
Ion Ratio Lower Upper

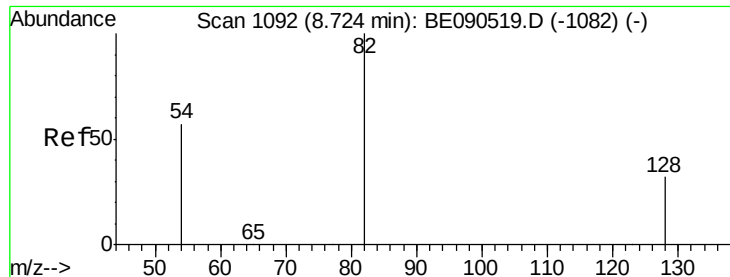
136 100

137 11.3 8.7 13.1

54 11.2 9.4 14.0

68 8.2 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.40 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

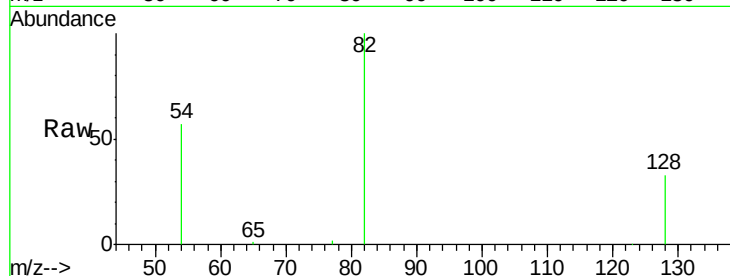
Tgt Ion: 82 Resp: 22721

Ion Ratio Lower Upper

82 100

128 33.4 25.0 37.6

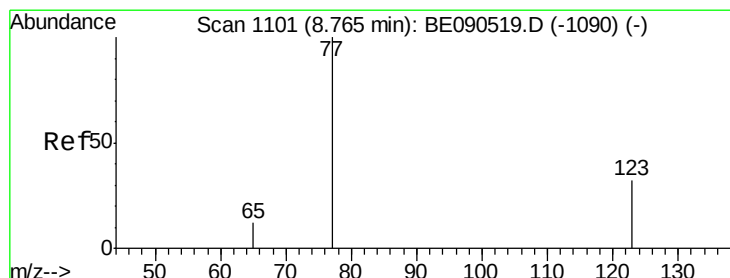
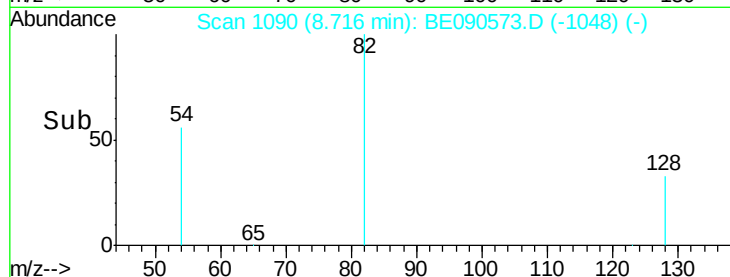
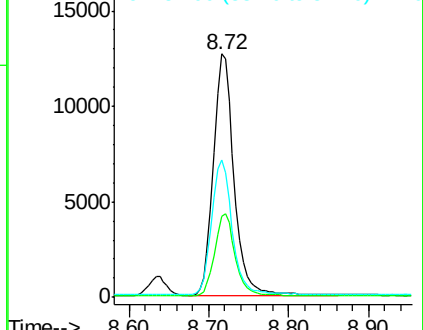
54 56.6 48.8 73.2



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: 3.09 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

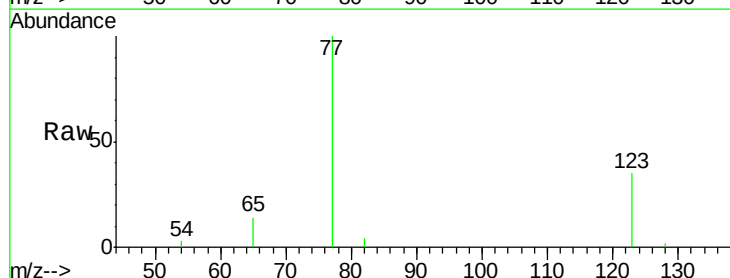
Tgt Ion: 77 Resp: 21410

Ion Ratio Lower Upper

77 100

123 35.0 25.1 37.7

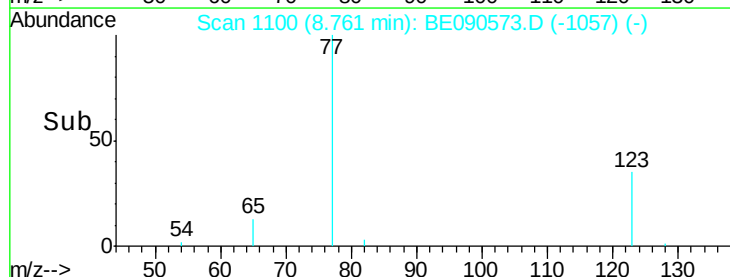
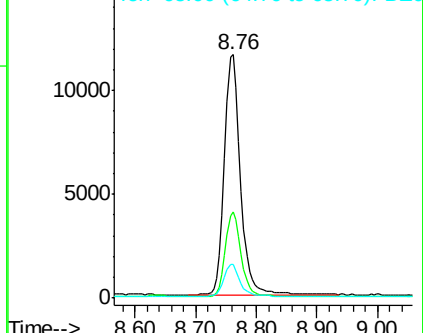
65 12.8 9.3 13.9

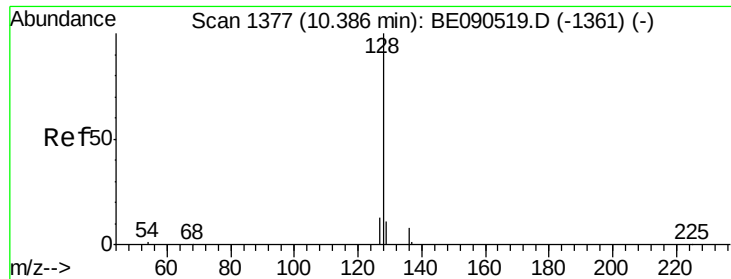


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 2.75 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

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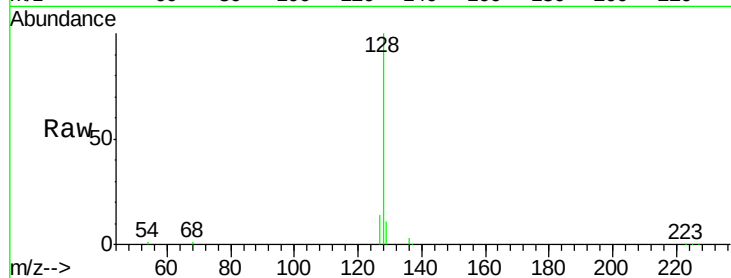
Tgt Ion:128 Resp: 52554

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.6

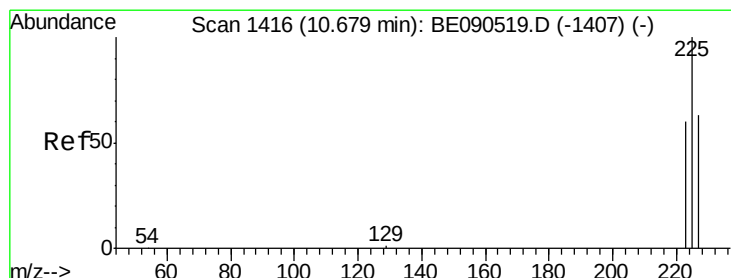
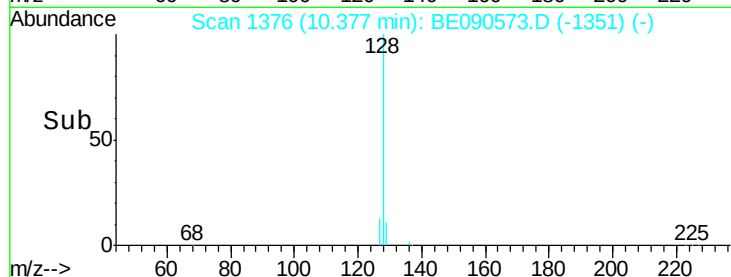
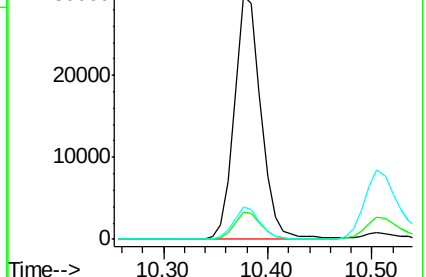
127 13.5 10.6 16.0



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: 2.77 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

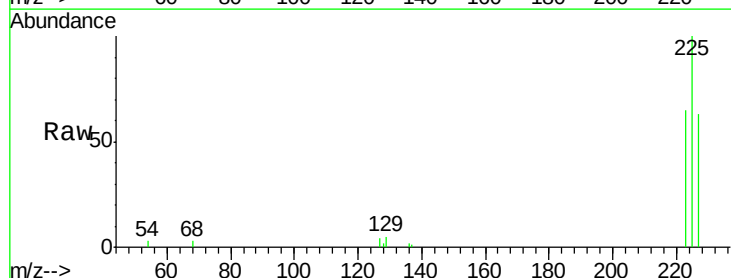
Tgt Ion:225 Resp: 7763

Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

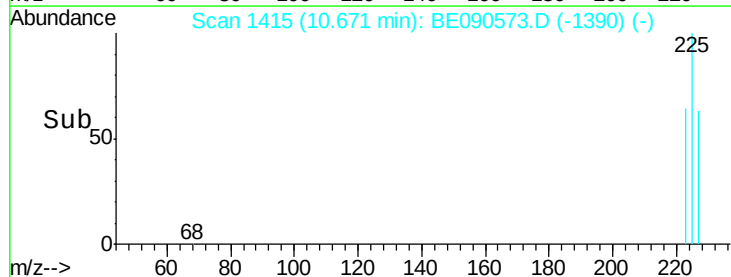
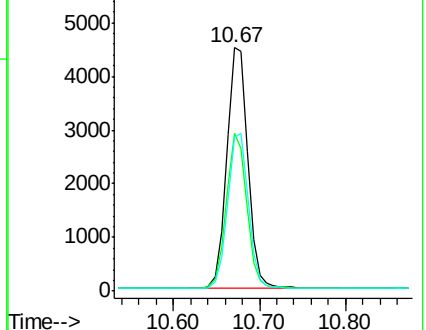
227 64.1 50.7 76.1

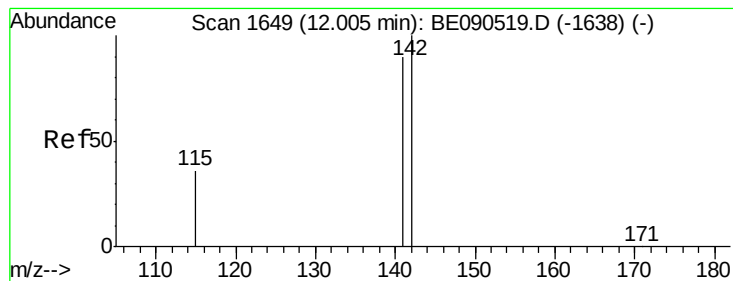


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.01 ng

RT: 12.00 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE090573.D

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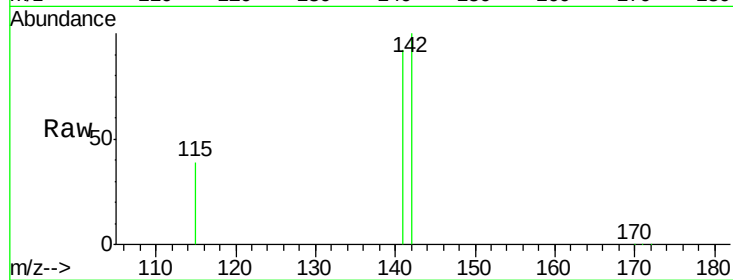
Tgt Ion:142 Resp: 37386

Ion Ratio Lower Upper

142 100

141 91.7 72.6 109.0

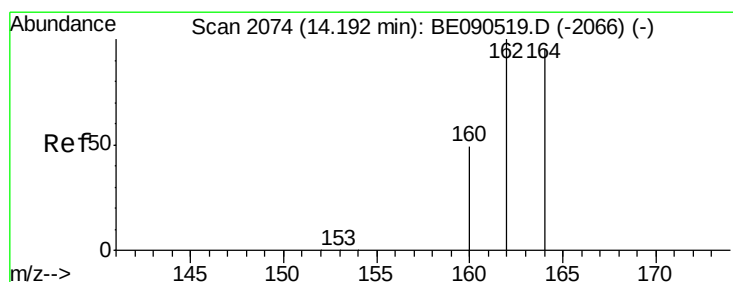
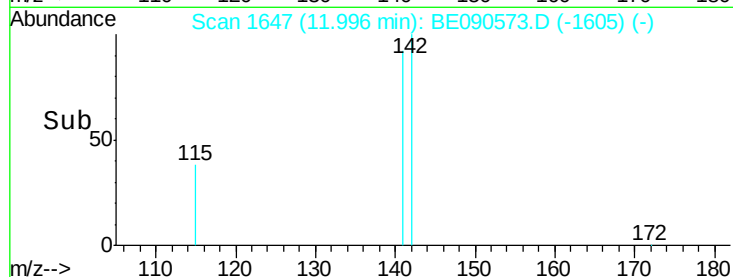
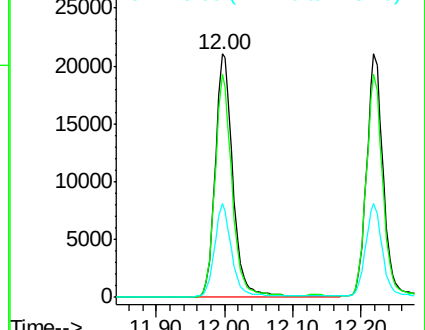
115 38.5 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

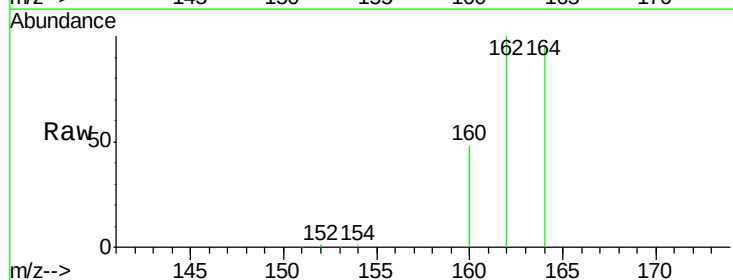
Tgt Ion:164 Resp: 50474

Ion Ratio Lower Upper

164 100

162 104.0 81.8 122.8

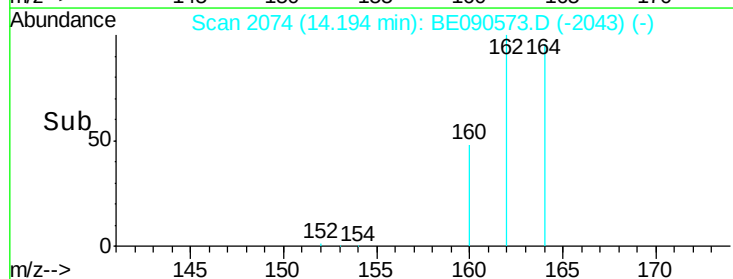
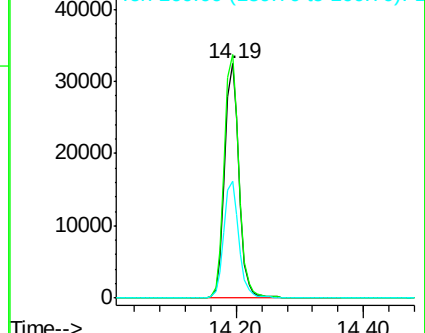
160 49.7 44.2 66.4

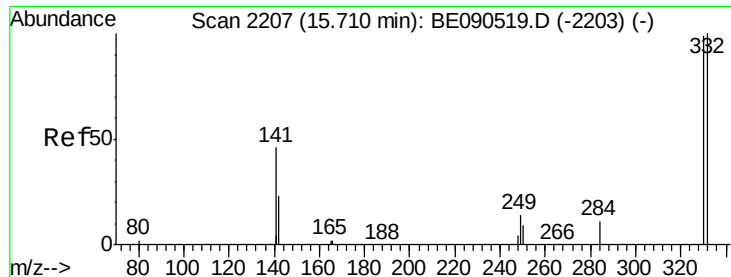


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

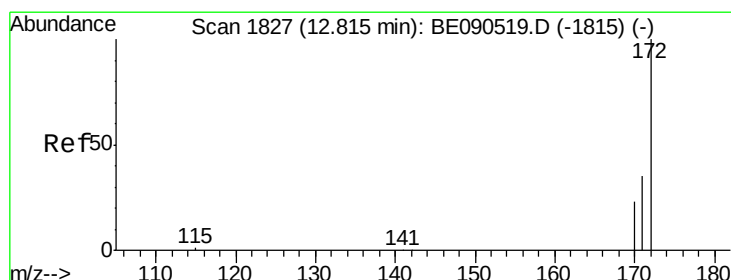
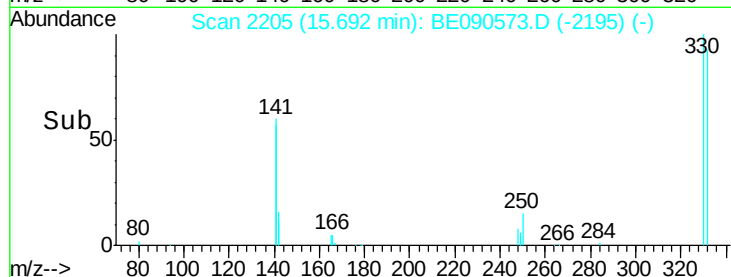
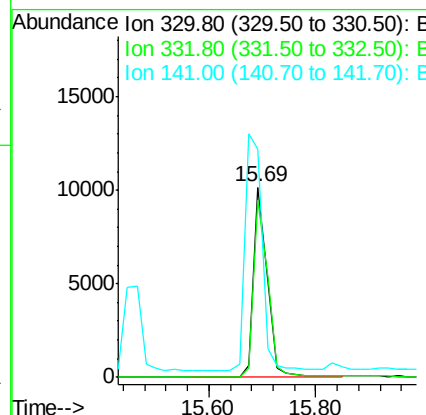
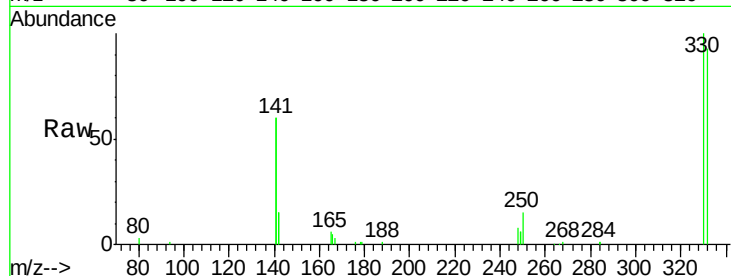




#13
 2,4,6-Tribromophenol
 Concen: 8.96 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

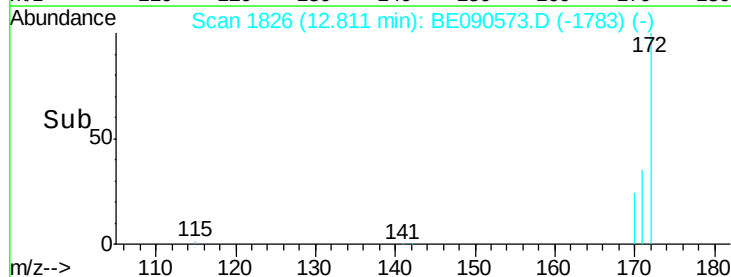
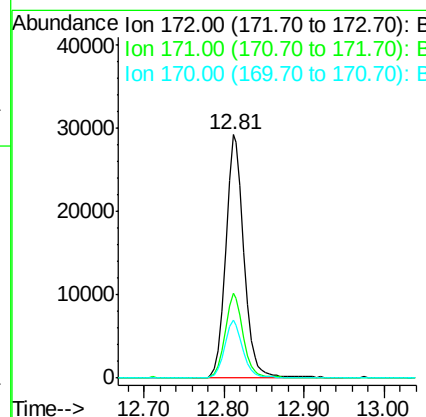
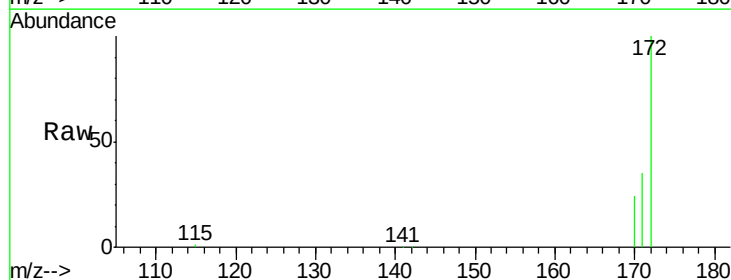
Instrument :
 BNA_E
 ClientSampleId :
 PB85108BS

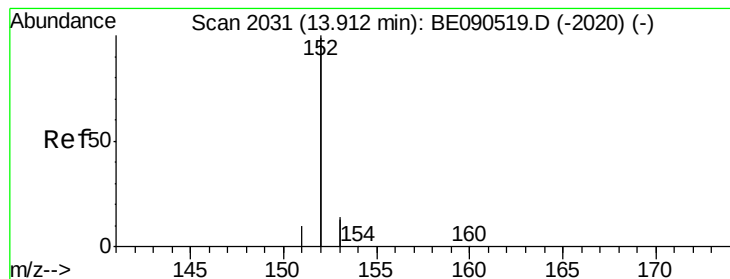
Tgt Ion:330 Resp: 17402
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 161.6 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.06 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

Tgt Ion:172 Resp: 46108
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.9 19.8 29.8





#15

Acenaphthylene

Concen: 2.87 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

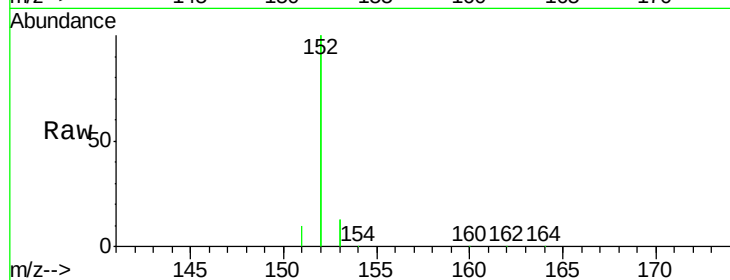
Tgt Ion:152 Resp: 264696

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

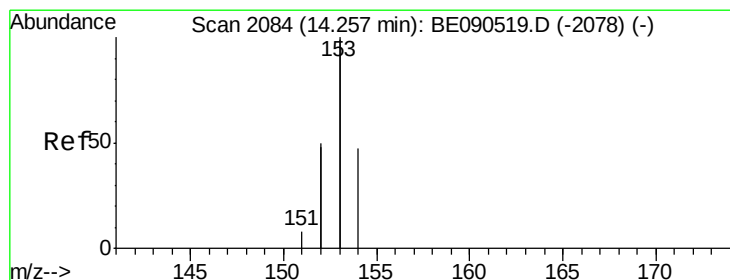
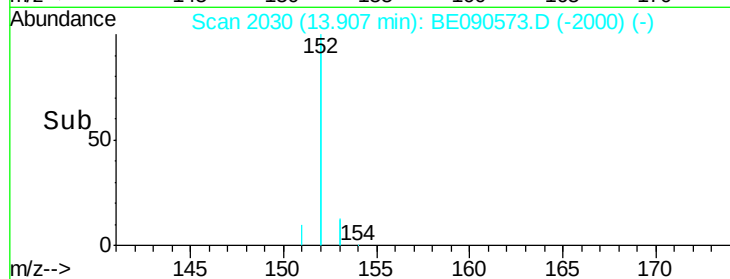
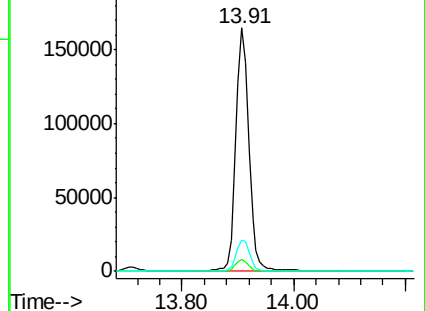
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 2.86 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

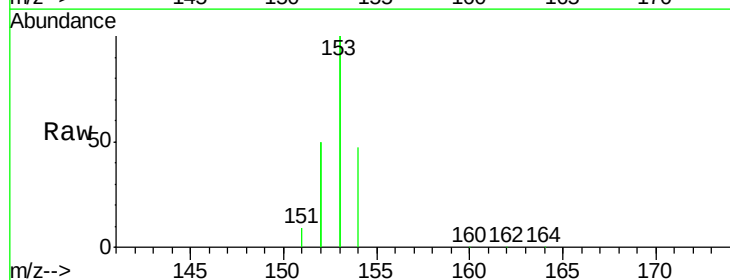
Tgt Ion:154 Resp: 39603

Ion Ratio Lower Upper

154 100

153 437.5 376.2 564.2

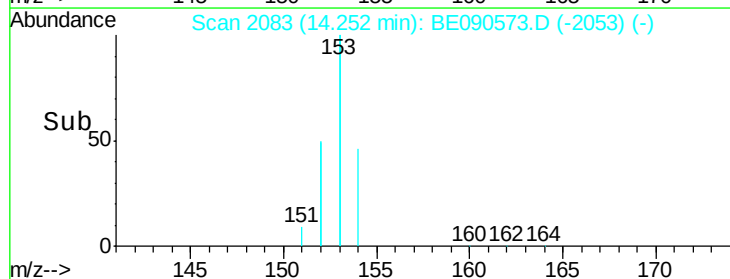
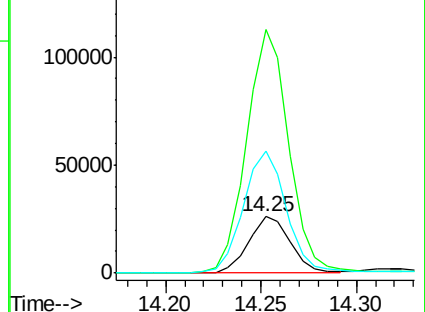
152 220.2 235.0 352.4#

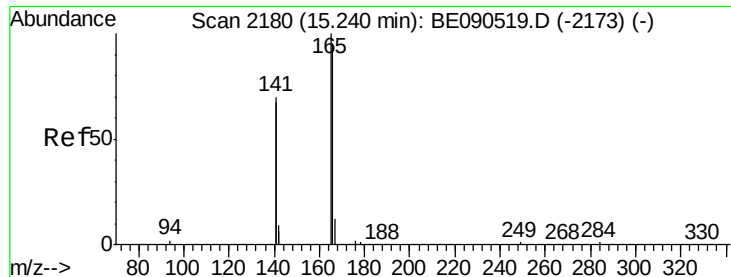


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

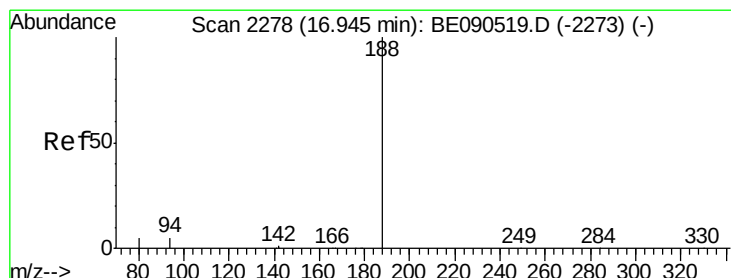
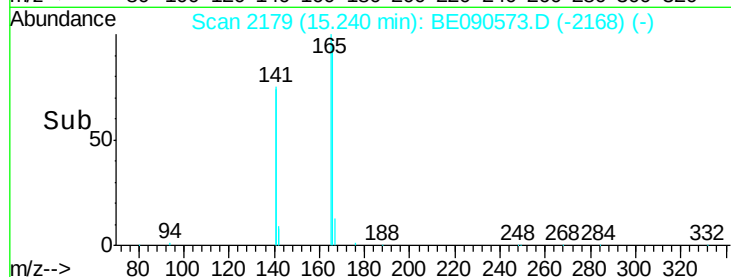
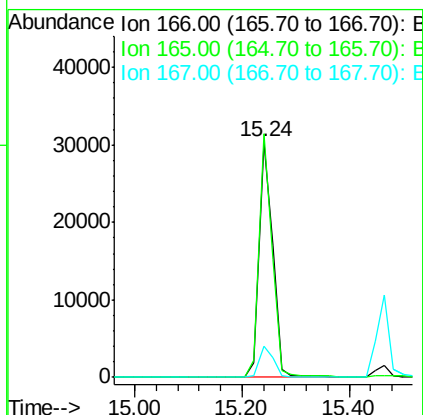
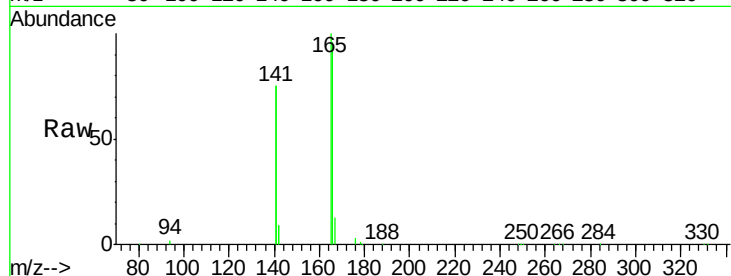




#17
 Fluorene
 Concen: 3.10 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

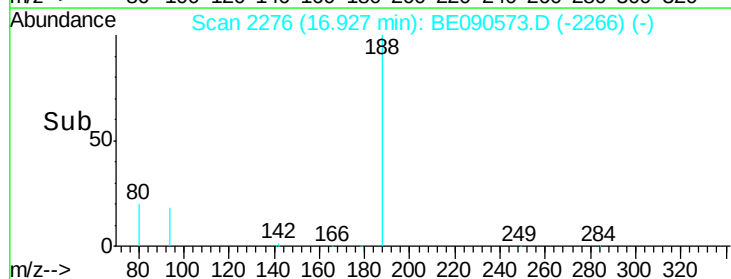
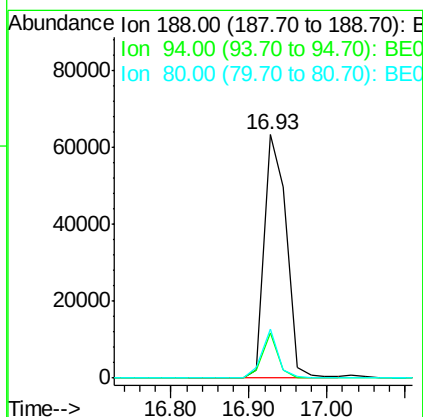
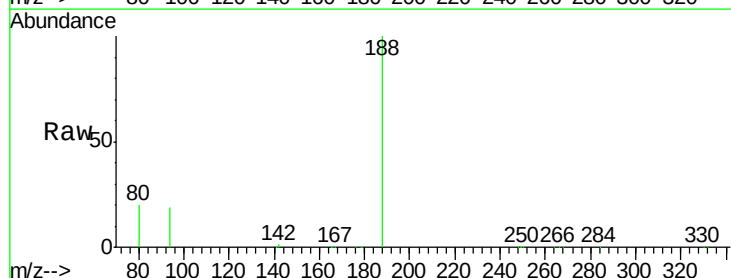
Instrument :
 BNA_E
 ClientSampleId :
 PB85108BS

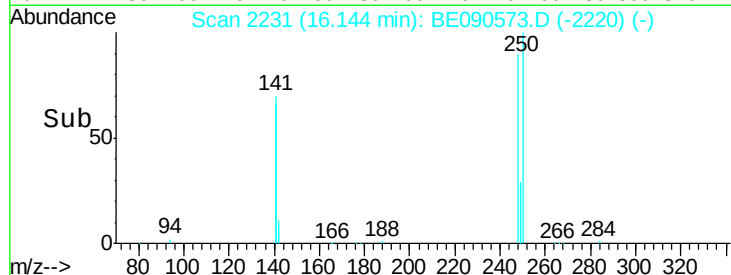
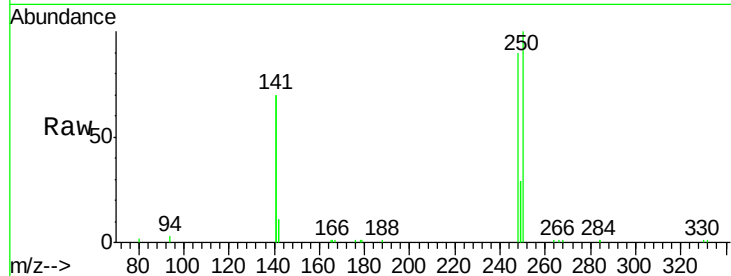
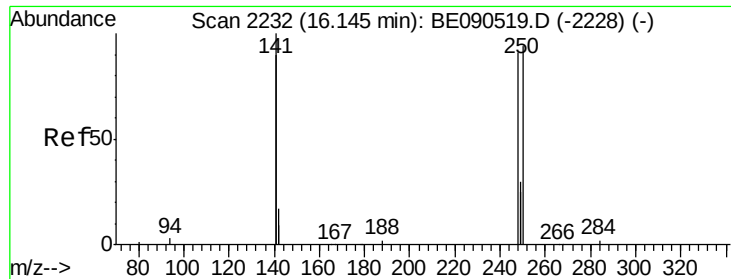
Tgt Ion:166 Resp: 52782
 Ion Ratio Lower Upper
 166 100
 165 99.0 81.5 122.3
 167 13.6 11.4 17.0



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.93 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

Tgt Ion:188 Resp: 124093
 Ion Ratio Lower Upper
 188 100
 94 18.5 5.7 8.5#
 80 20.3 5.8 8.8#

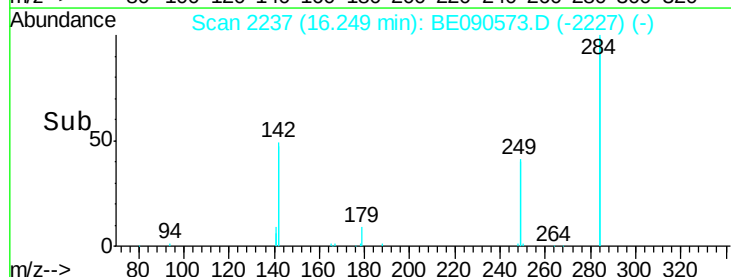
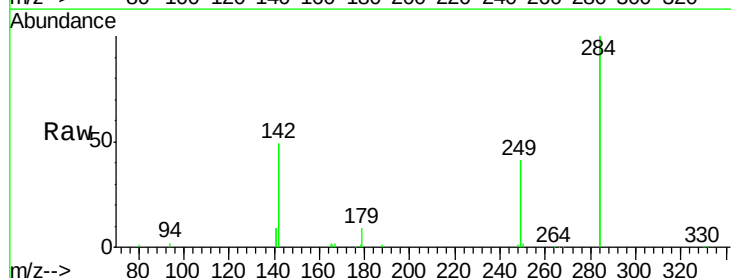
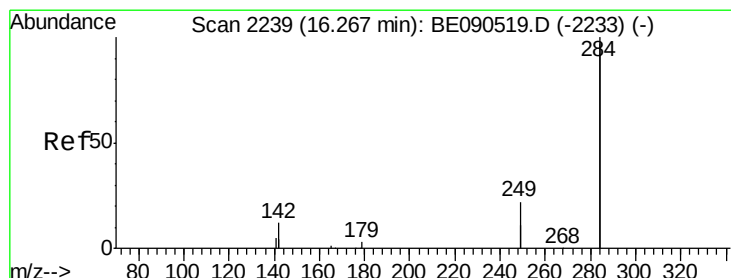
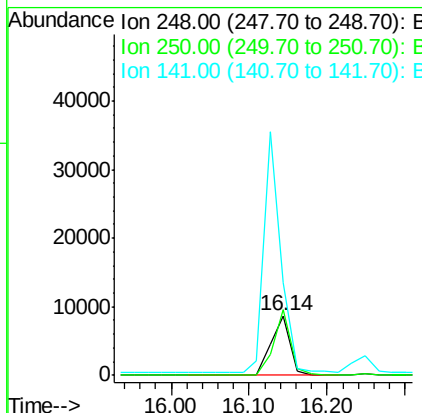




#19
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090573.D
Acq: 20 Aug 2015 13:43

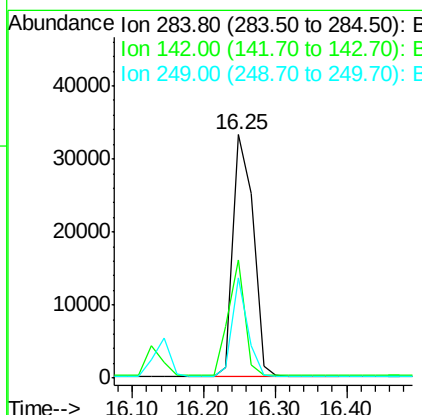
Instrument :
BNA_E
ClientSampleId :
PB85108BS

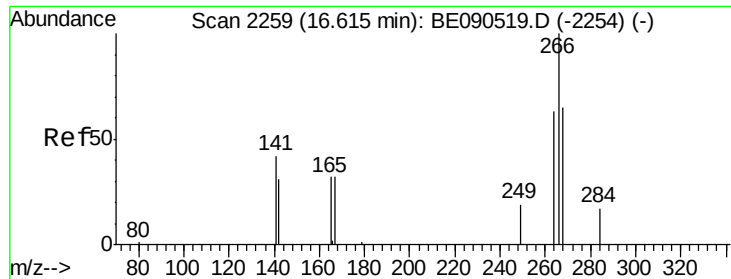
Tgt Ion:248 Resp: 14503
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.6
141 367.3 239.5 359.3#



#20
Hexachlorobenzene
Concen: 2.85 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090573.D
Acq: 20 Aug 2015 13:43

Tgt Ion:284 Resp: 64042
Ion Ratio Lower Upper
284 100
142 40.0 30.1 45.1
249 31.5 25.7 38.5

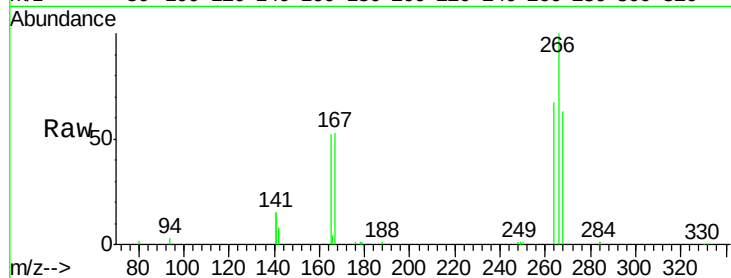




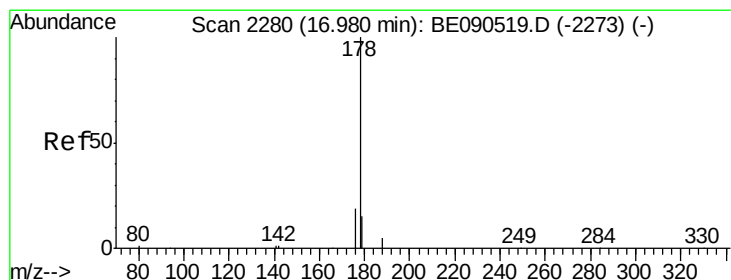
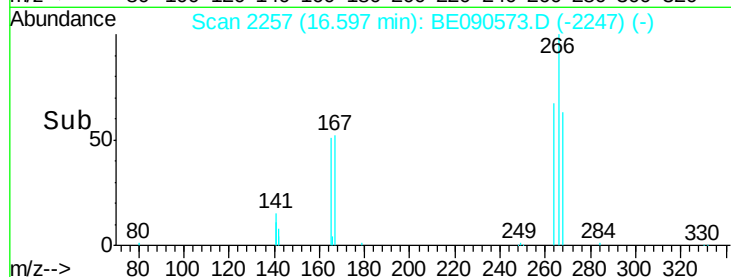
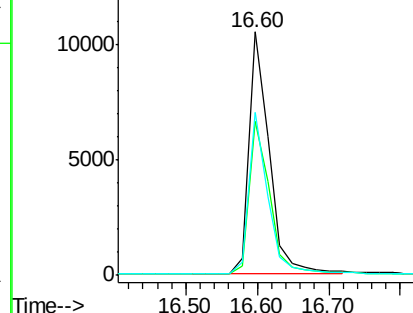
#21
 Pentachlorophenol
 Concen: 7.45 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

Instrument :
 BNA_E
 ClientSampleId :
 PB85108BS

Tgt Ion: 266 Resp: 20500
 Ion Ratio Lower Upper
 266 100
 268 63.0 58.5 87.7
 264 66.8 56.0 84.0

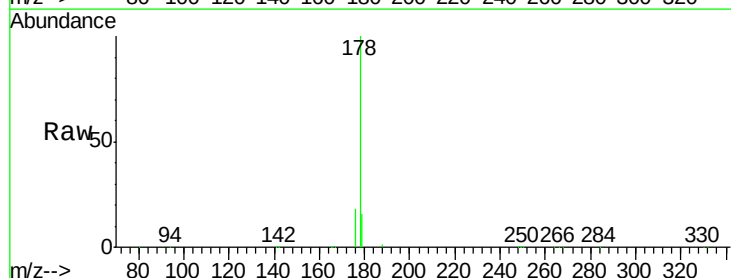


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

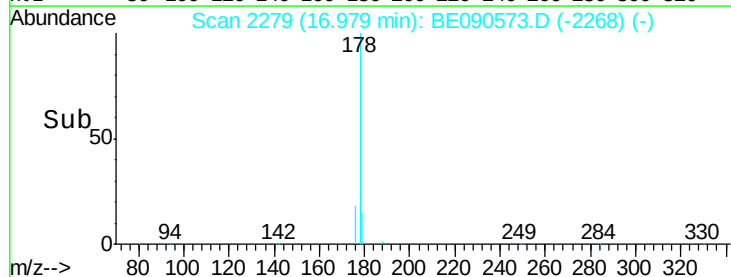
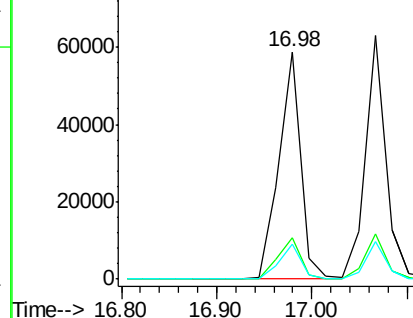


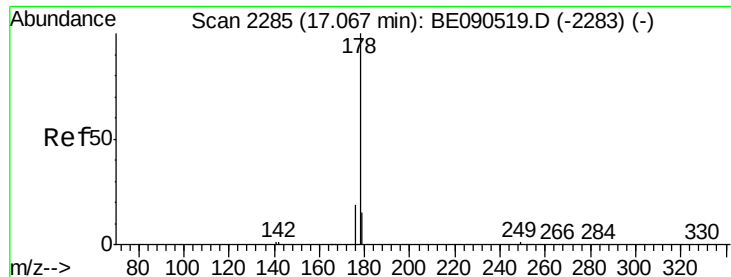
#22
 Phenanthrene
 Concen: 2.85 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

Tgt Ion: 178 Resp: 92676
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.5 18.7



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: 3.11 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

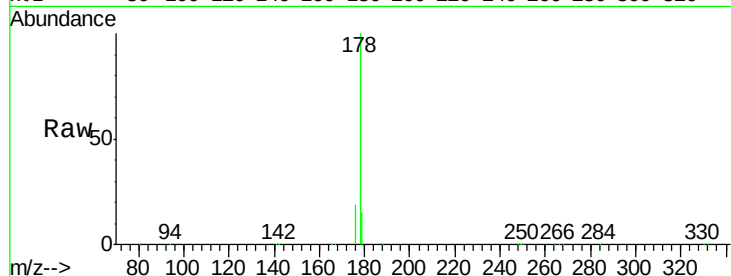
Tgt Ion:178 Resp: 93205

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 12.2 18.4

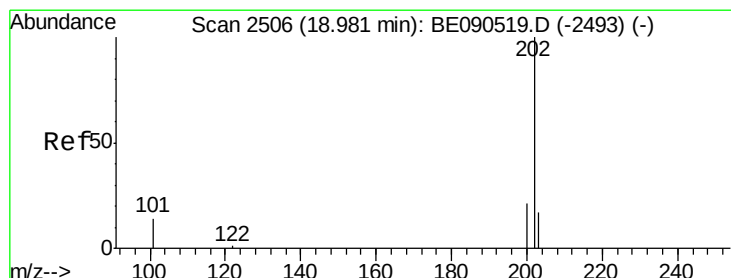
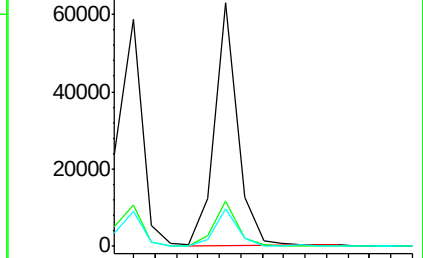
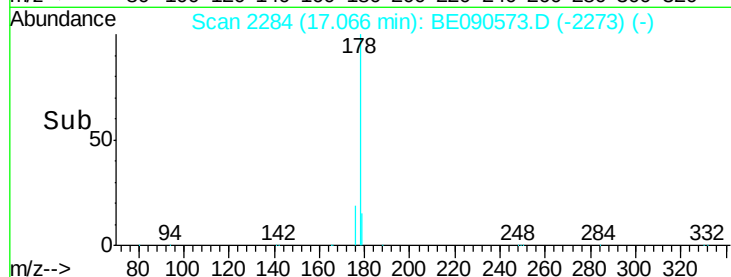


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.07



#24

Fluoranthene

Concen: 3.28 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

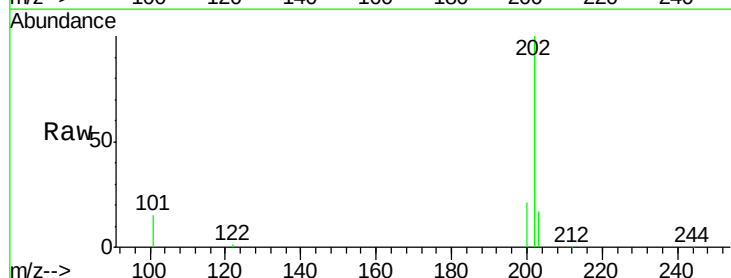
Tgt Ion:202 Resp: 113786

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

203 17.3 13.7 20.5

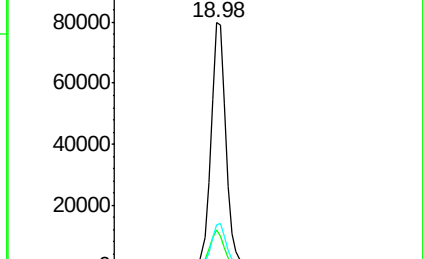
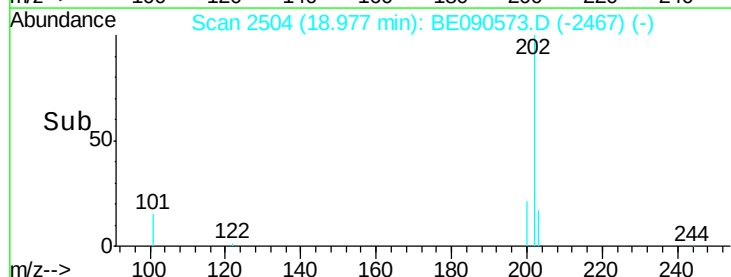


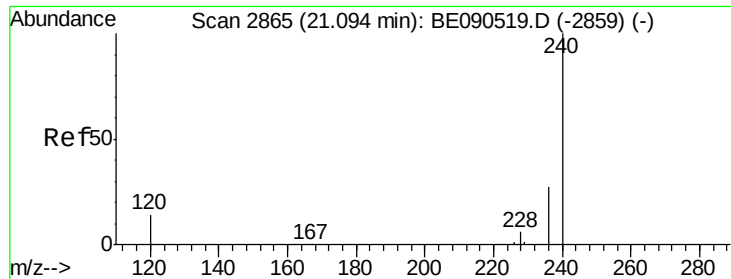
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

18.98





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

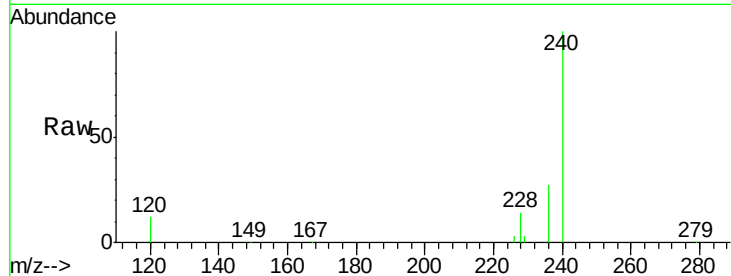
Tgt Ion:240 Resp: 152302

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

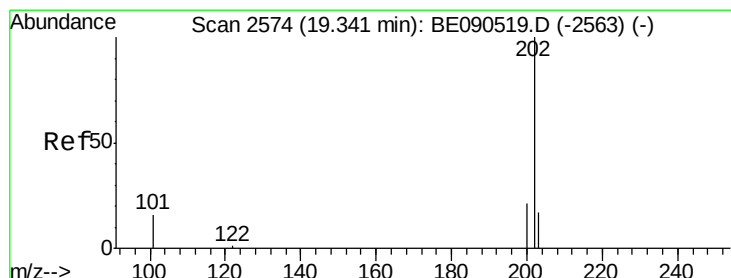
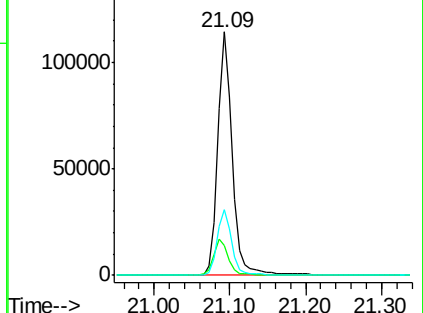
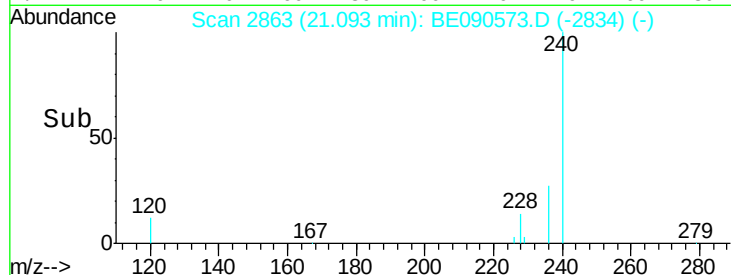
236 26.8 21.0 31.4



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: 2.79 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

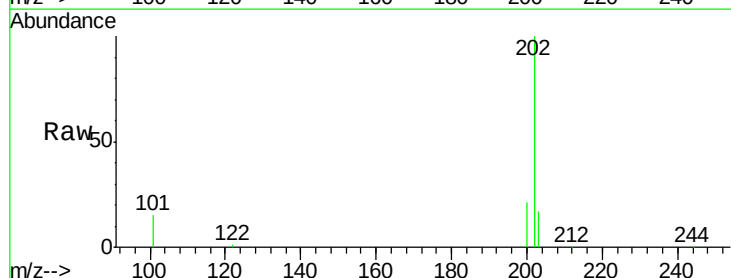
Tgt Ion:202 Resp: 121392

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

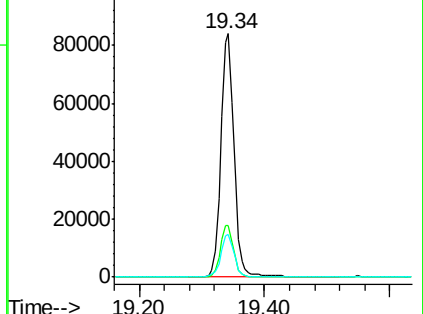
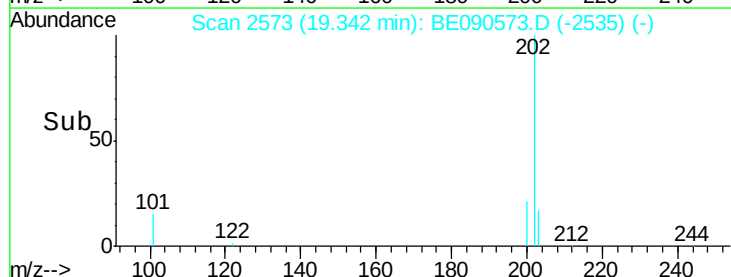
203 17.9 13.8 20.8

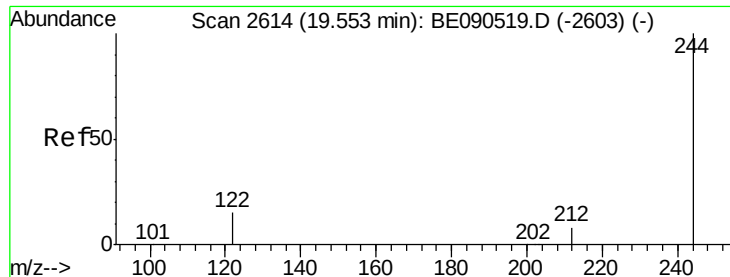


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

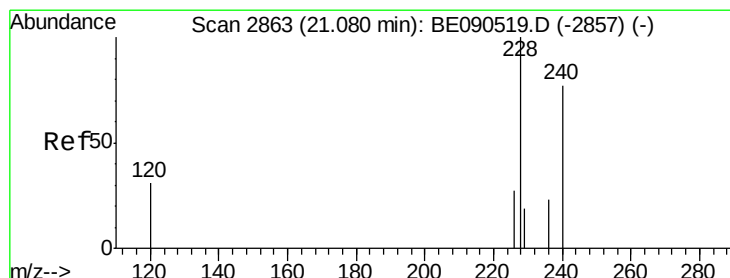
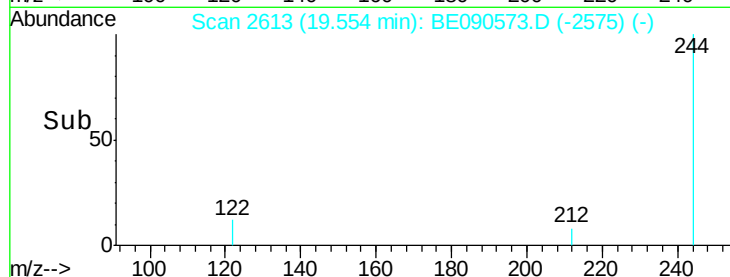
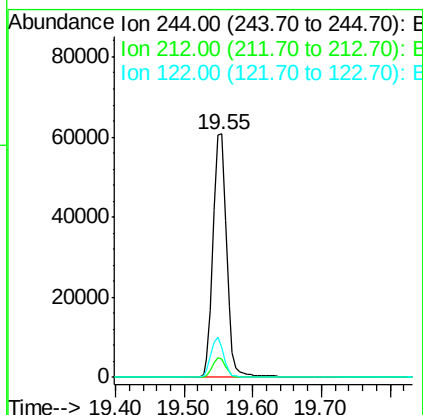
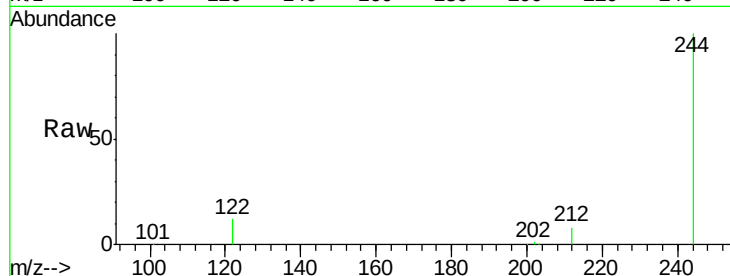




#27
 Terphenyl-d14
 Concen: 2.94 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

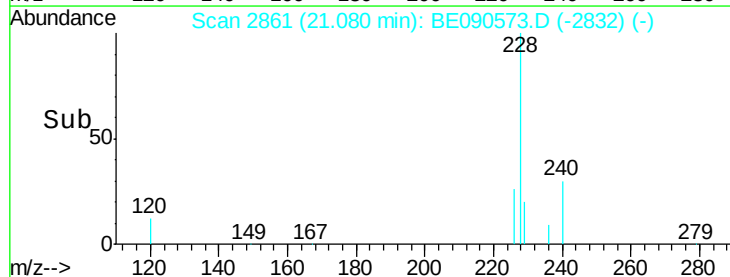
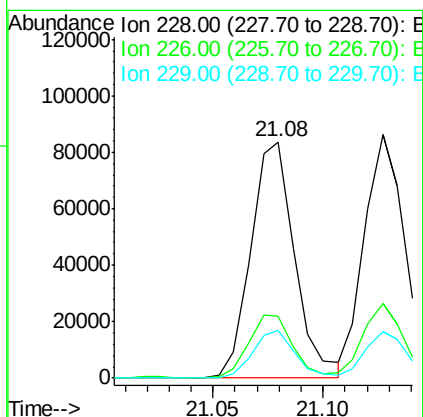
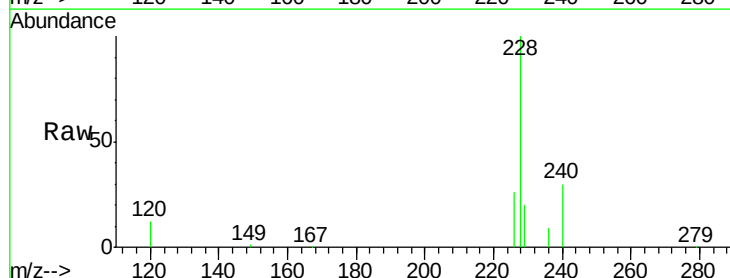
Instrument :
 BNA_E
 ClientSampleId :
 PB85108BS

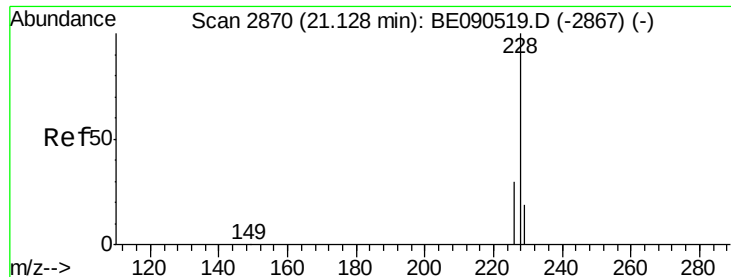
Tgt Ion: 244 Resp: 81884
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 12.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 2.91 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090573.D
 Acq: 20 Aug 2015 13:43

Tgt Ion: 228 Resp: 116620
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.9 32.9
 229 20.2 15.4 23.0





#29

Chrysene

Concen: 2.86 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

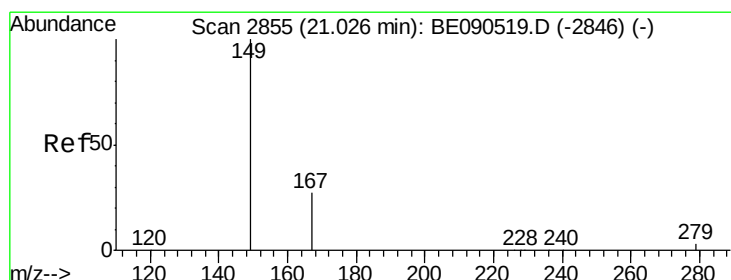
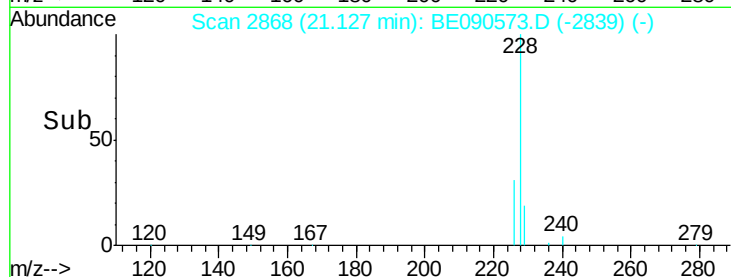
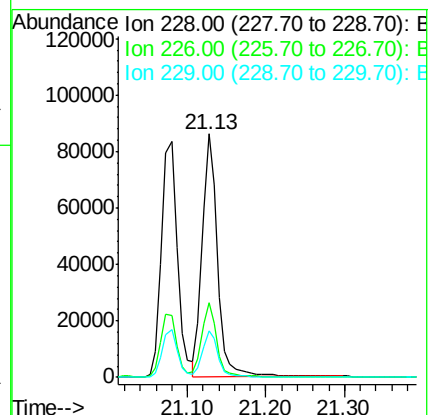
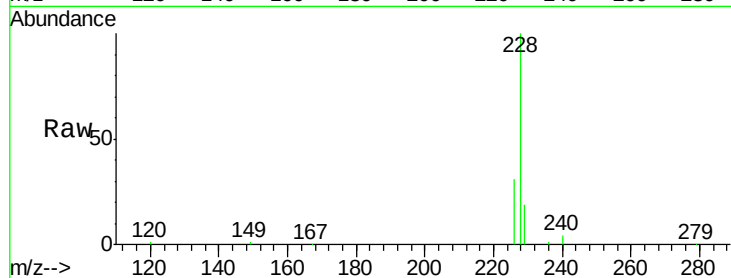
Tgt Ion:228 Resp: 117296

Ion Ratio Lower Upper

228 100

226 30.6 23.1 34.7

229 19.3 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

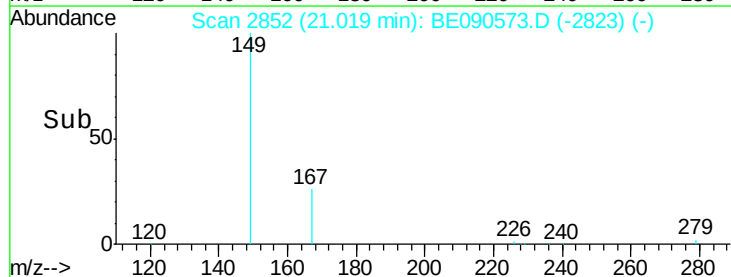
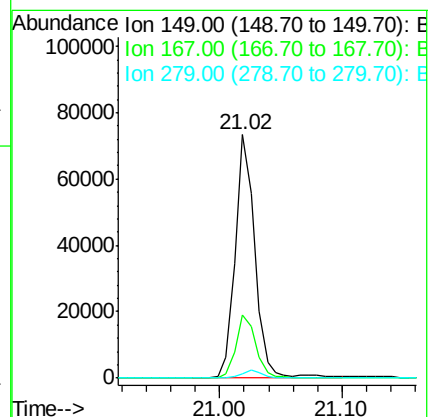
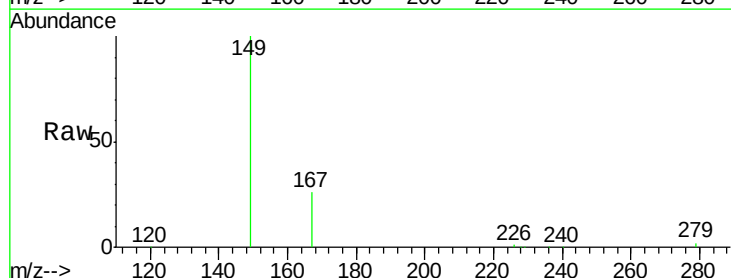
Tgt Ion:149 Resp: 80770

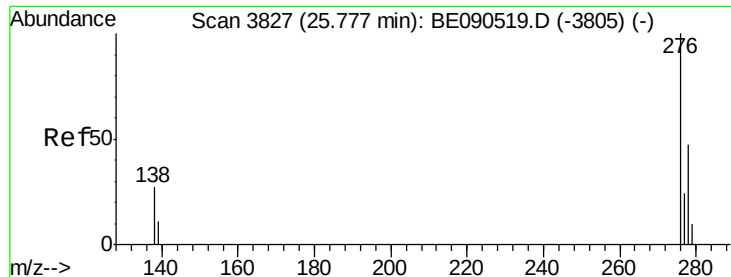
Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

279 3.1 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.02 ng

RT: 25.78 min Scan# 3826

Delta R.T. 0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

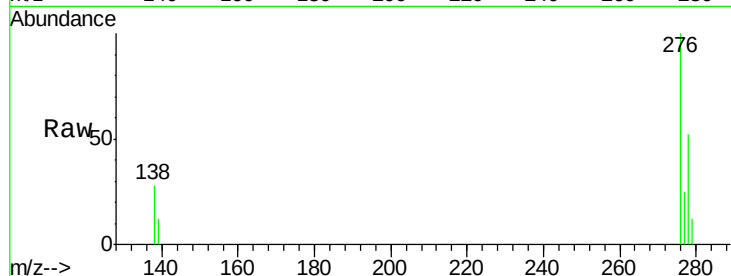
Tgt Ion: 276 Resp: 116362

Ion Ratio Lower Upper

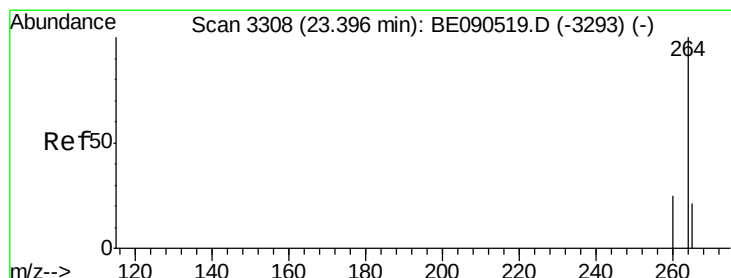
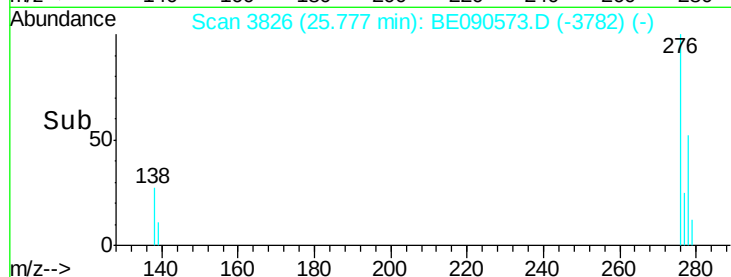
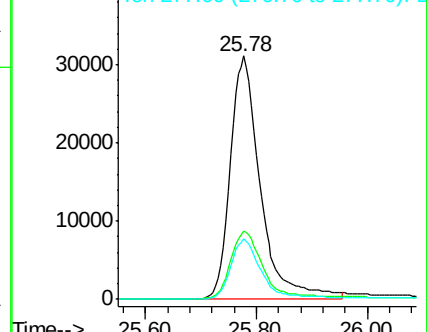
276 100

138 29.7 18.8 28.2#

277 25.0 18.2 27.4



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: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

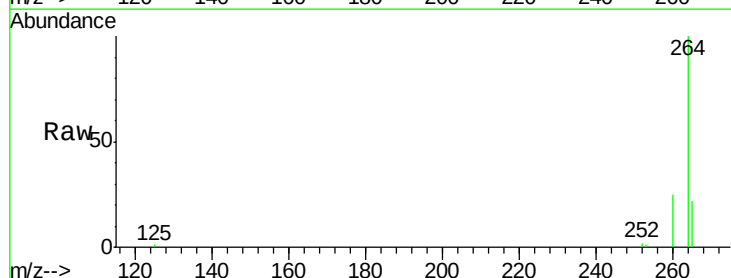
Tgt Ion: 264 Resp: 142223

Ion Ratio Lower Upper

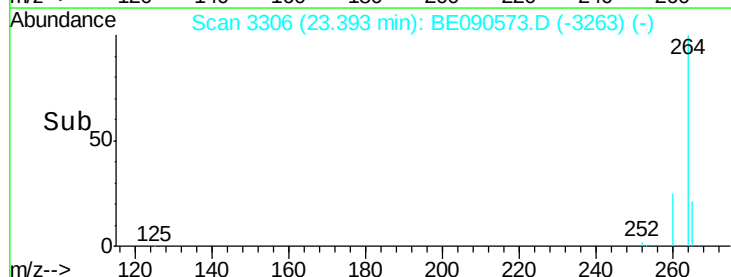
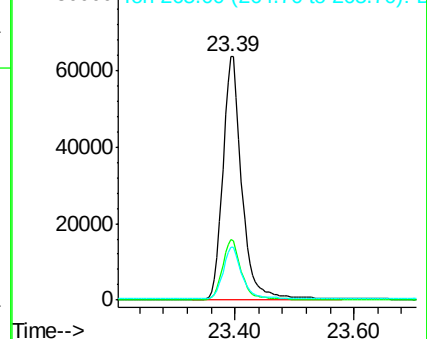
264 100

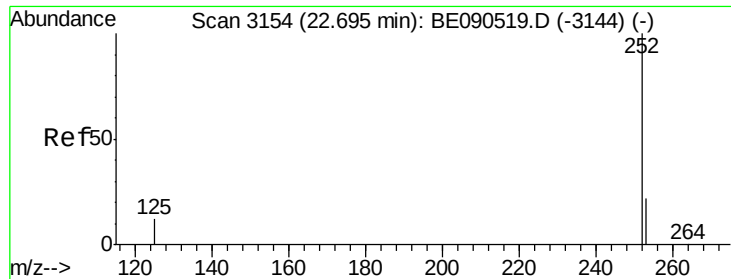
260 25.0 20.1 30.1

265 21.7 17.2 25.8



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: 3.05 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

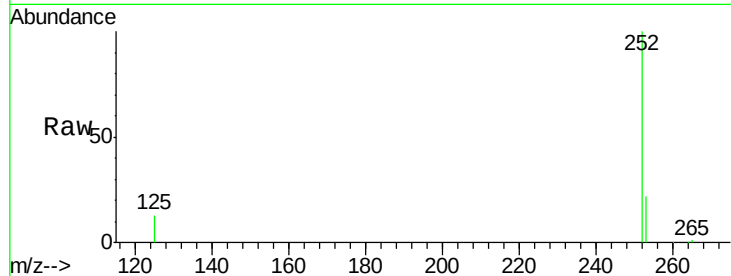
Tgt Ion:252 Resp: 102626

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

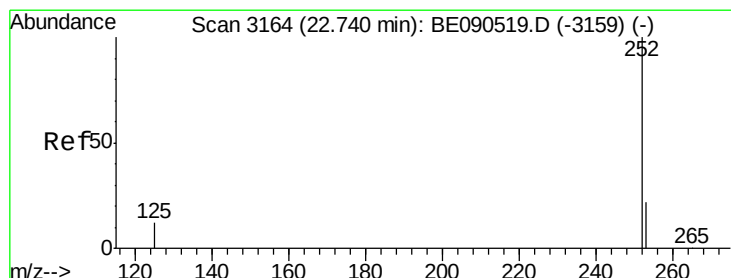
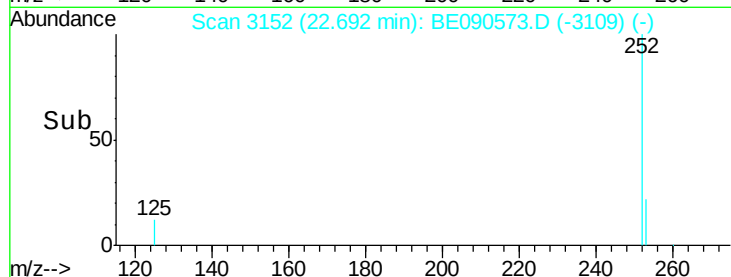
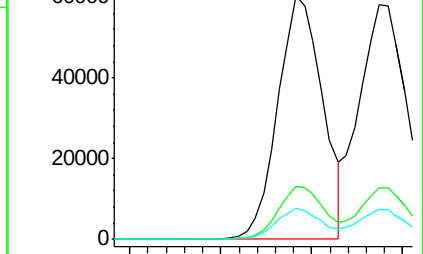
125 12.7 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 3.06 ng

RT: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

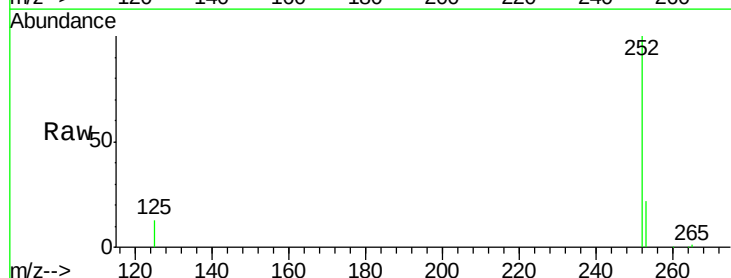
Tgt Ion:252 Resp: 116677

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

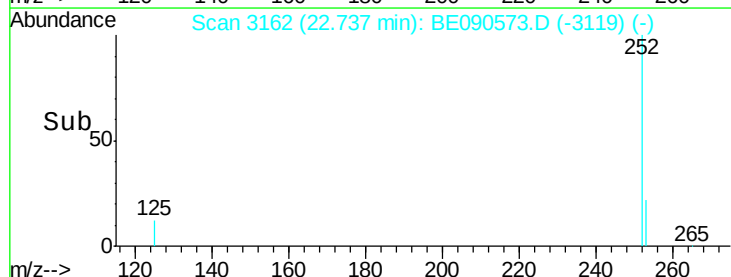
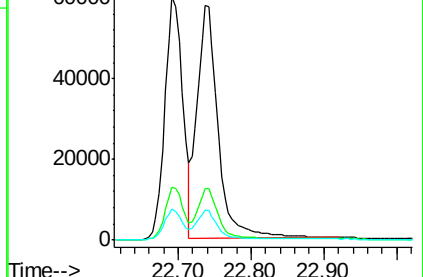
125 12.7 9.1 13.7

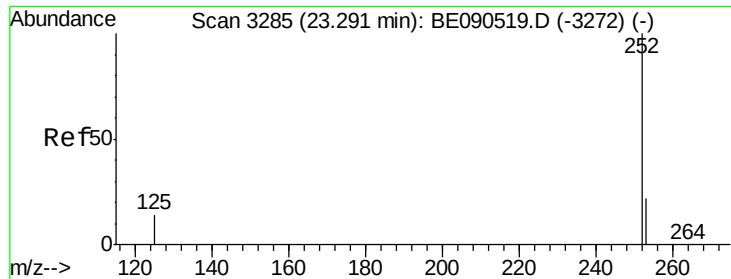


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.20 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS

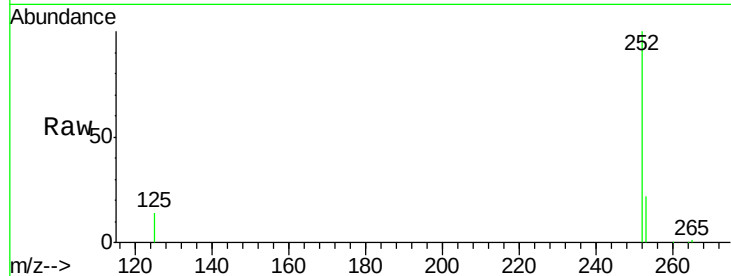
Tgt Ion:252 Resp: 100672

Ion Ratio Lower Upper

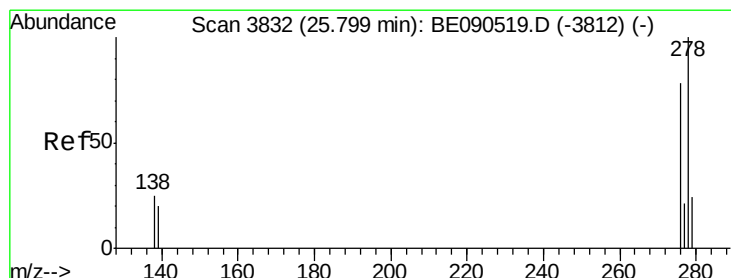
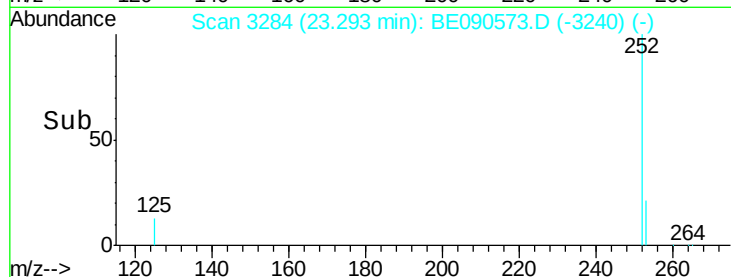
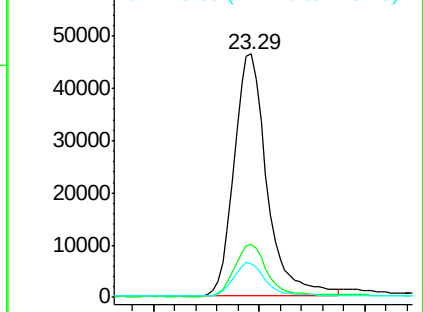
252 100

253 21.7 17.6 26.4

125 13.8 9.8 14.6



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: 3.06 ng

RT: 25.79 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BE090573.D

Acq: 20 Aug 2015 13:43

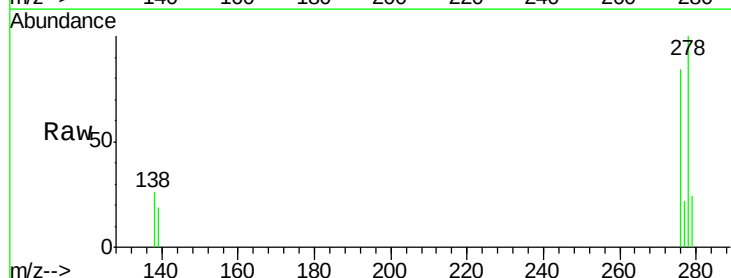
Tgt Ion:278 Resp: 92998

Ion Ratio Lower Upper

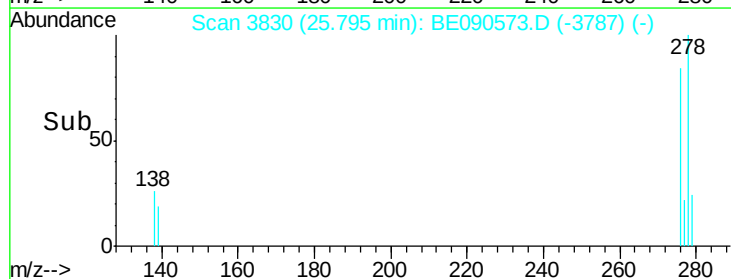
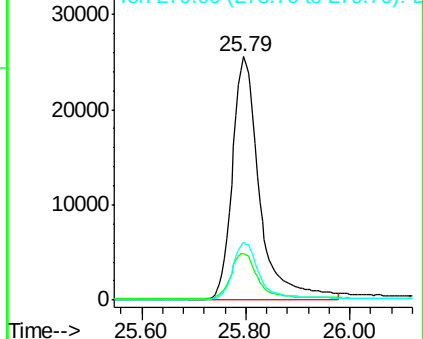
278 100

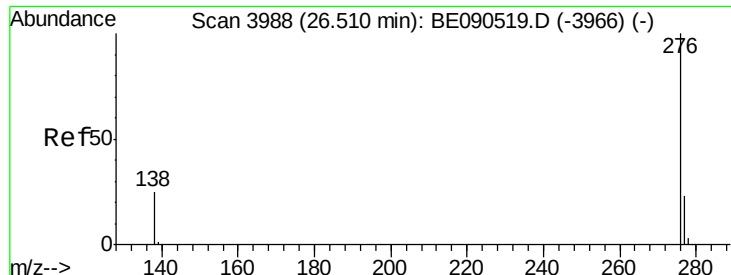
139 19.1 14.2 21.4

279 23.9 20.1 30.1



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: 3.08 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

Lab File: BE090573.D

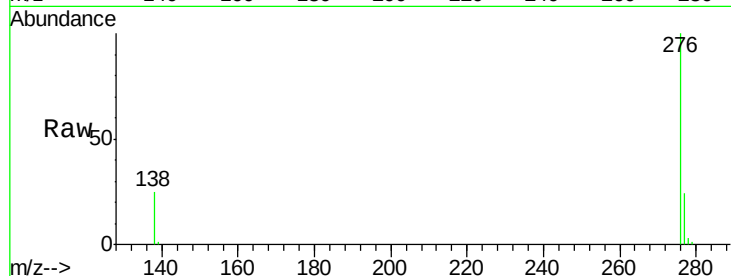
Acq: 20 Aug 2015 13:43

Instrument :

BNA_E

ClientSampleId :

PB85108BS



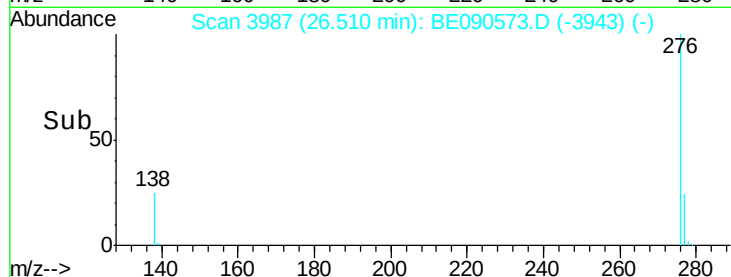
Tgt Ion: 276 Resp: 102292

Ion Ratio Lower Upper

276 100

277 24.0 20.1 30.1

138 25.3 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

