

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
 Data File : BE090505.D
 Acq On : 13 Aug 2015 18:15
 Operator : UM/IZ
 Sample : PB84988BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84988BSD

Quant Time: Aug 14 04:33:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

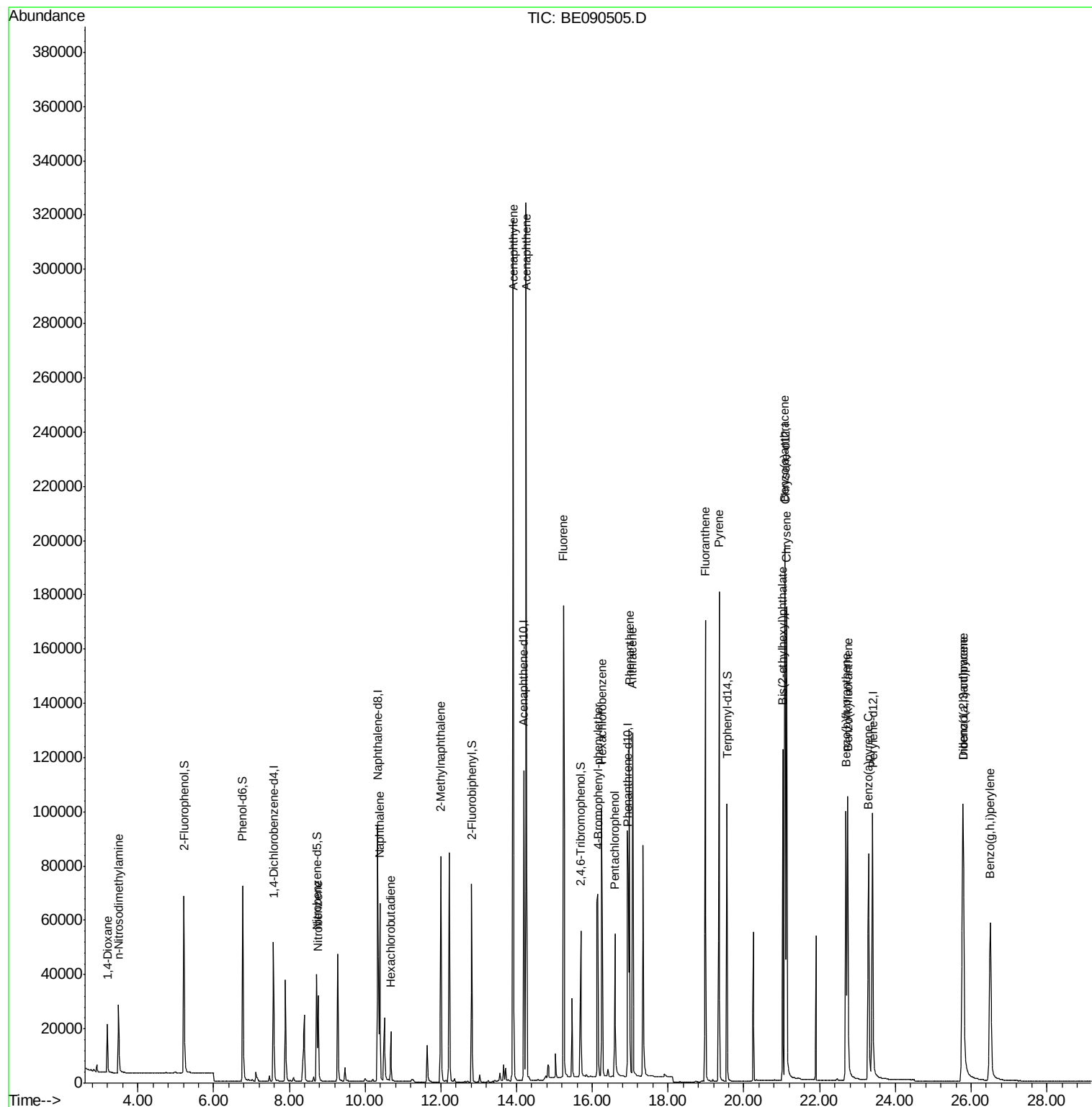
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24452	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	121814	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	64898	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	140961	5.00	ng	0.00
25) Chrysene-d12	21.09	240	151841	5.00	ng	0.00
32) Perylene-d12	23.40	264	138882	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	52164	14.22	ng	0.00
5) Phenol-d6	6.77	99	80742	10.08	ng	0.00
7) Nitrobenzene-d5	8.72	82	36285	3.71	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	23663	10.41	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	69167	3.87	ng	0.00
27) Terphenyl-d14	19.56	244	103169	4.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	9997	3.43	ng	98
3) n-Nitrosodimethylamine	3.49	42	14092	3.73	ng	# 70
8) Nitrobenzene	8.76	77	36639	3.52	ng	94
9) Naphthalene	10.39	128	91151	3.39	ng	98
10) Hexachlorobutadiene	10.68	225	12903	3.14	ng	100
11) 2-Methylnaphthalene	12.00	142	61802	3.96	ng	98
15) Acenaphthylene	13.91	152	415138	3.95	ng	100
16) Acenaphthene	14.26	154	63134	3.86	ng	# 76
17) Fluorene	15.24	166	81096	3.82	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	22588	4.12	ng	83
20) Hexachlorobenzene	16.25	284	95235	3.36	ng	96
21) Pentachlorophenol	16.60	266	25613	9.87	ng	90
22) Phenanthrene	16.98	178	137061	3.89	ng	100
23) Anthracene	17.07	178	136845	4.72	ng	100
24) Fluoranthene	18.98	202	157464	4.54	ng	98
26) Pyrene	19.34	202	165510	5.03	ng	99
28) Benzo(a)anthracene	21.08	228	147961	4.40	ng	99
29) Chrysene	21.13	228	151385	3.72	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	100982	7.11	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	151333	4.17	ng	# 91
33) Benzo(b)fluoranthene	22.70	252	136908	4.39	ng	99
34) Benzo(k)fluoranthene	22.74	252	144444	3.73	ng	98
35) Benzo(a)pyrene	23.29	252	134628	4.56	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	121978	4.24	ng	97
37) Benzo(g,h,i)perylene	26.51	276	132673	5.17	ng	95

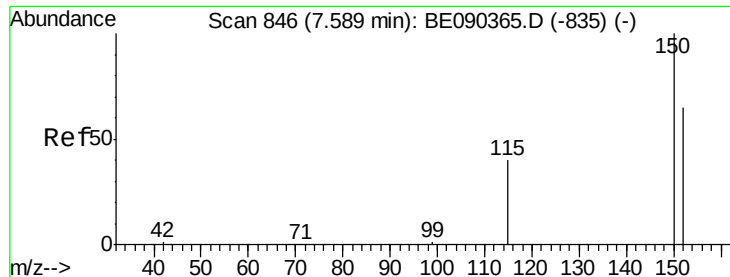
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
Data File : BE090505.D
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Quant Time: Aug 14 04:33:45 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

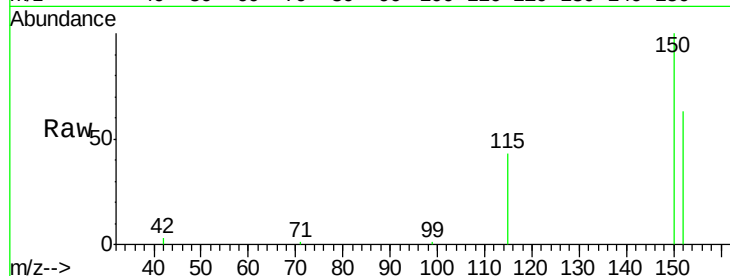
Tgt Ion:152 Resp: 24452

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

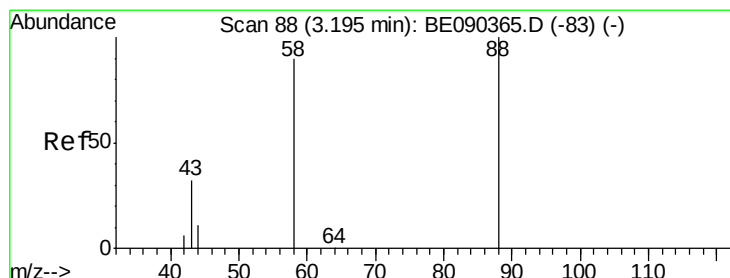
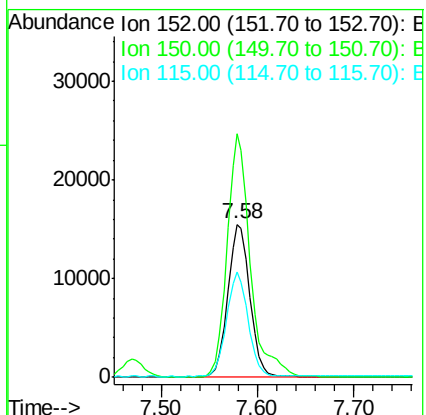
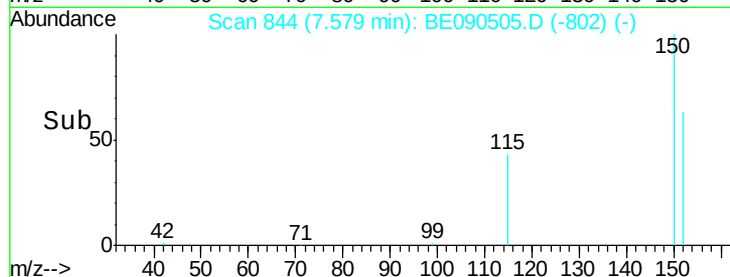
115 69.0 48.9 73.3



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: 3.43 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

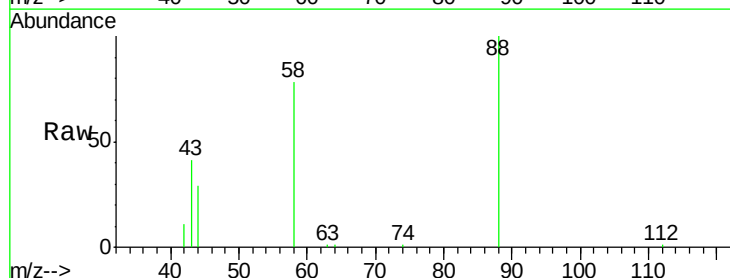
Tgt Ion: 88 Resp: 9997

Ion Ratio Lower Upper

88 100

58 86.6 70.0 105.0

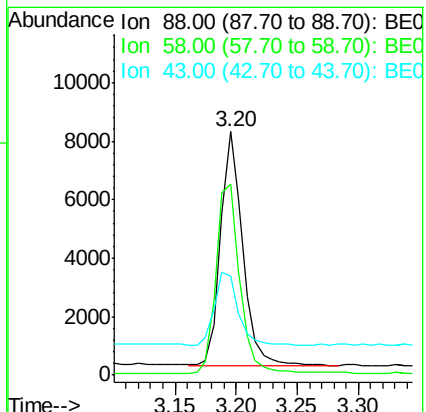
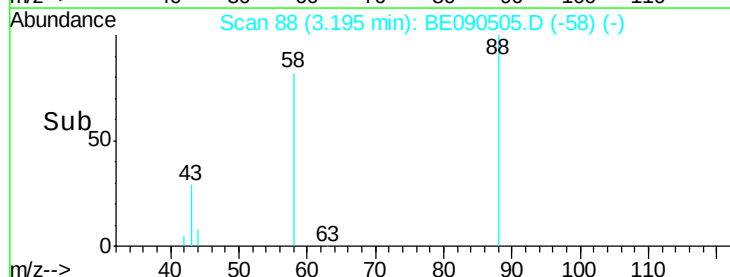
43 33.3 28.4 42.6

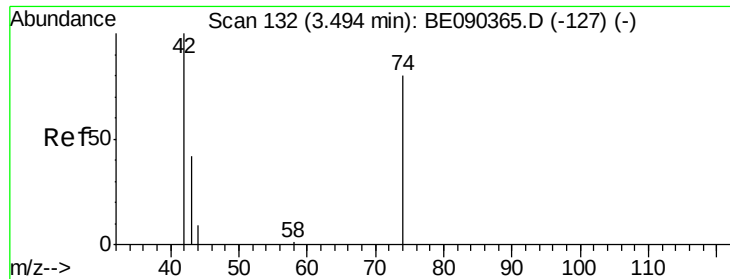


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.73 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

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PB84988BSD

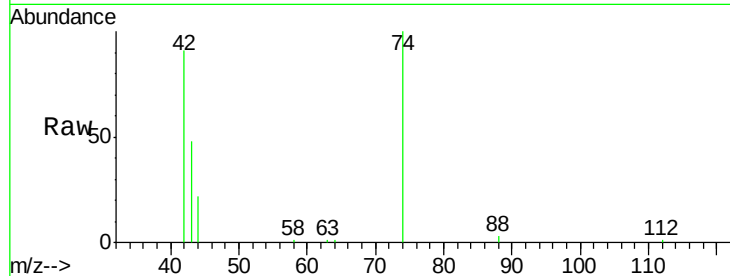
Tgt Ion: 42 Resp: 14092

Ion Ratio Lower Upper

42 100

74 125.1 75.2 112.8#

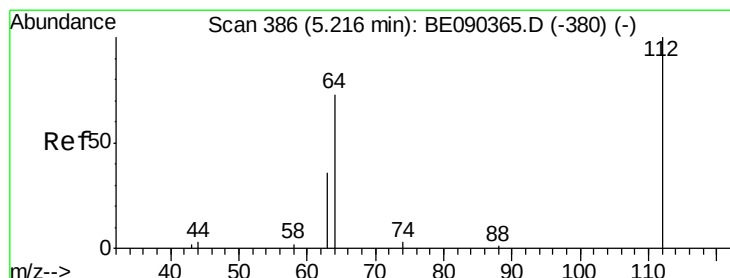
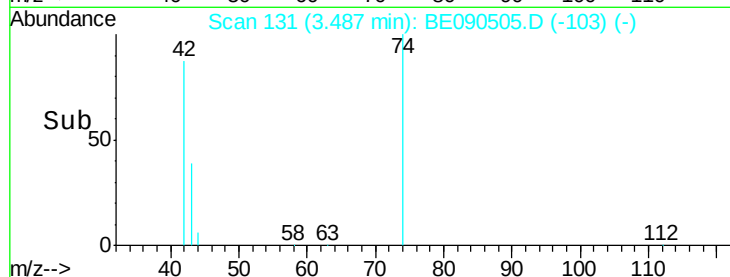
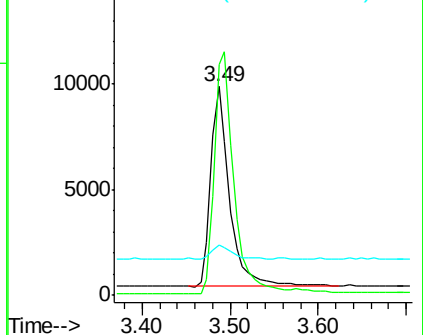
44 8.2 8.7 13.1#



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: 14.22 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

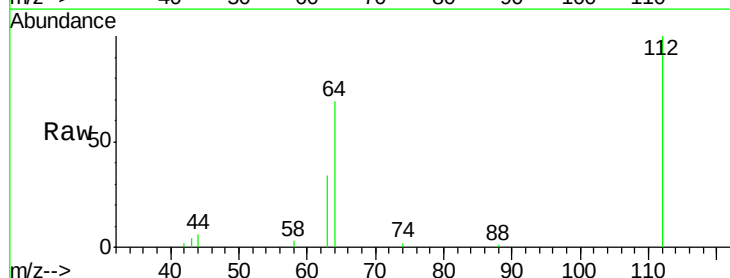
Tgt Ion: 112 Resp: 52164

Ion Ratio Lower Upper

112 100

64 70.5 37.1 55.7#

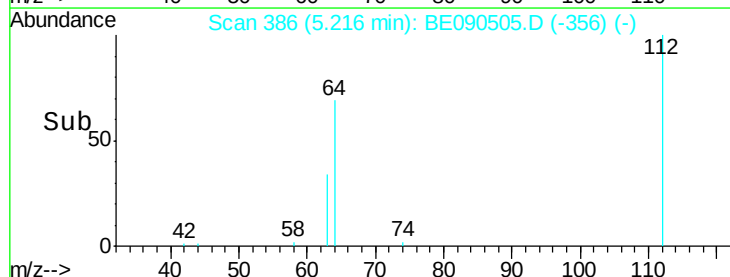
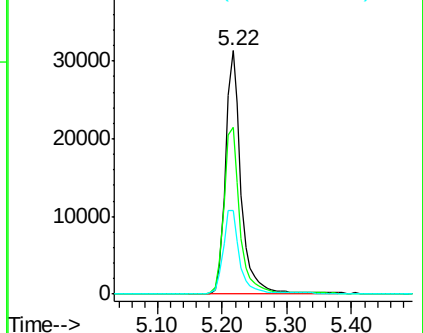
63 35.9 19.5 29.3#

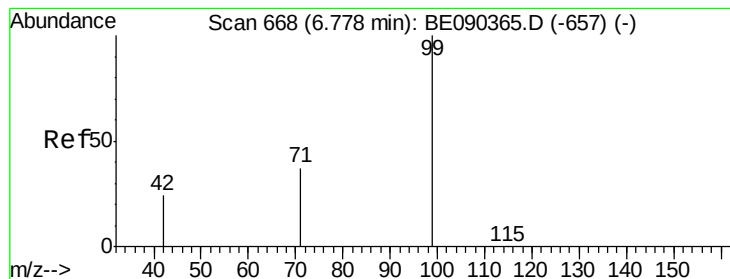


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 10.08 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

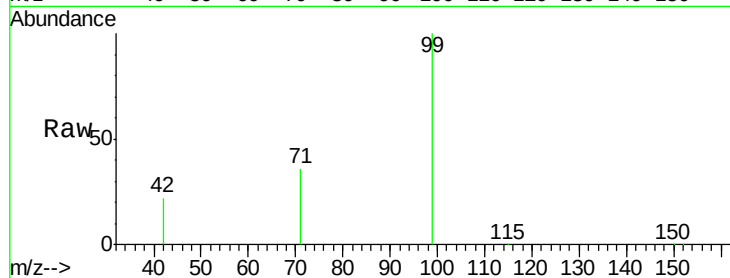
Tgt Ion: 99 Resp: 80742

Ion Ratio Lower Upper

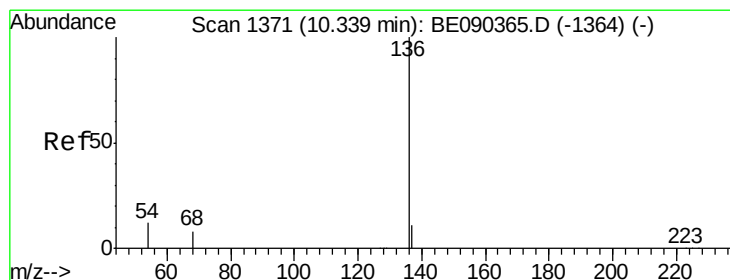
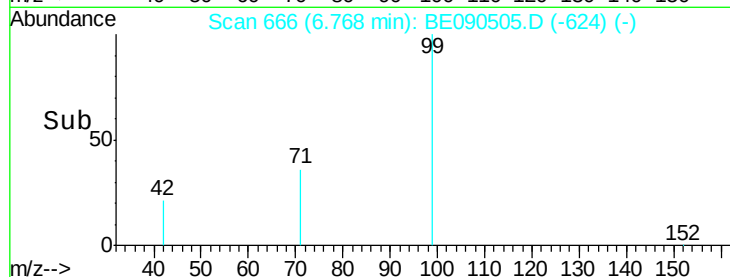
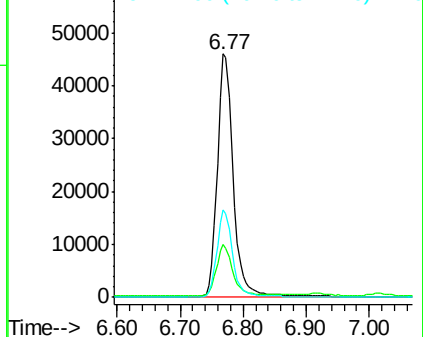
99 100

42 21.0 18.2 27.4

71 34.9 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Tgt Ion: 136 Resp: 121814

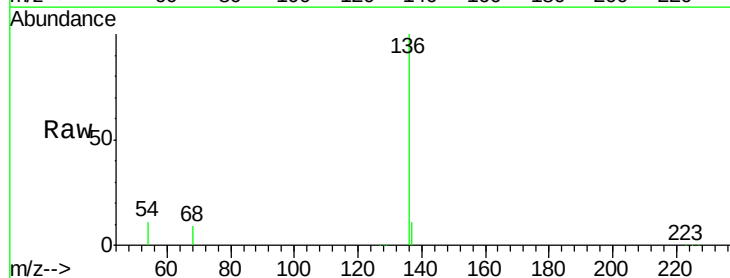
Ion Ratio Lower Upper

136 100

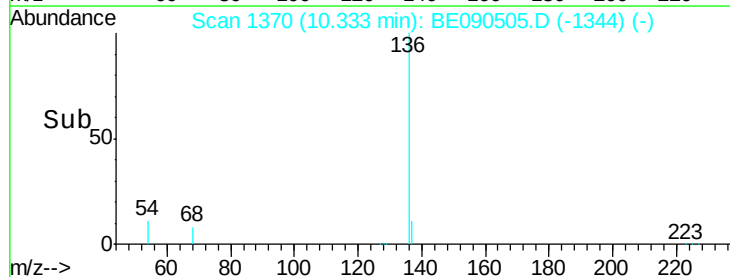
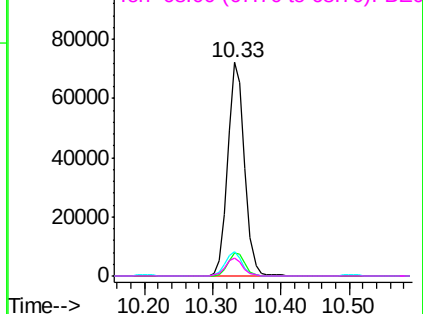
137 11.0 8.7 13.1

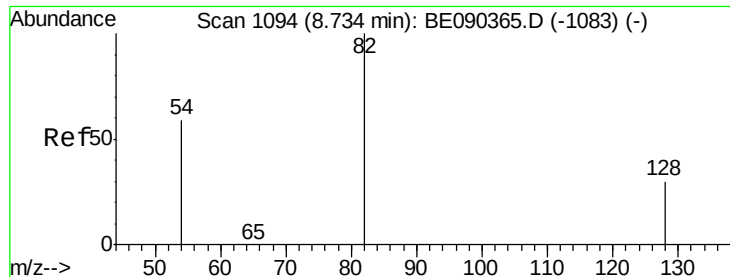
54 11.5 9.4 14.0

68 8.5 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 3.71 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

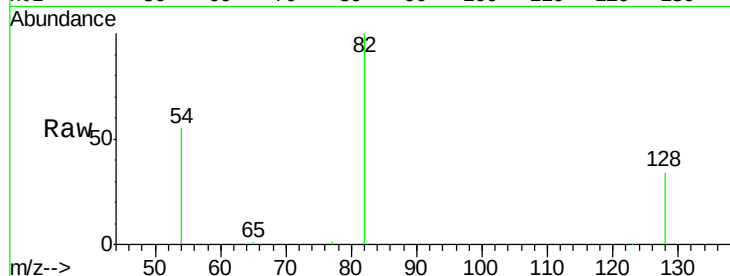
Tgt Ion: 82 Resp: 36285

Ion Ratio Lower Upper

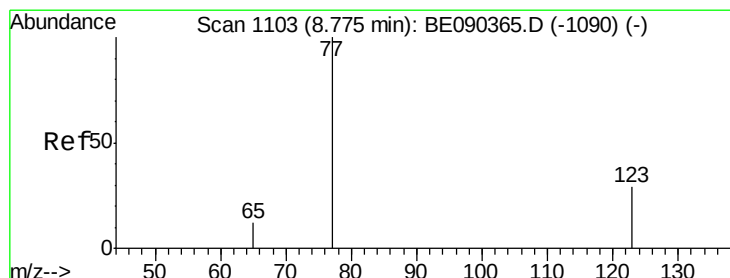
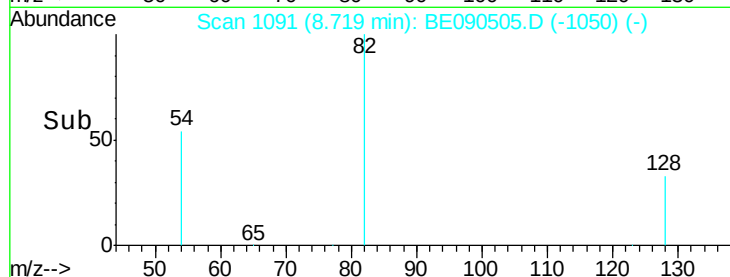
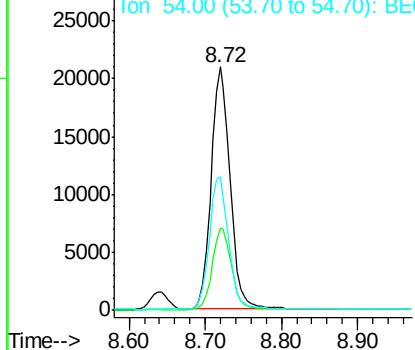
82 100

128 33.7 25.0 37.6

54 54.7 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: 3.52 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

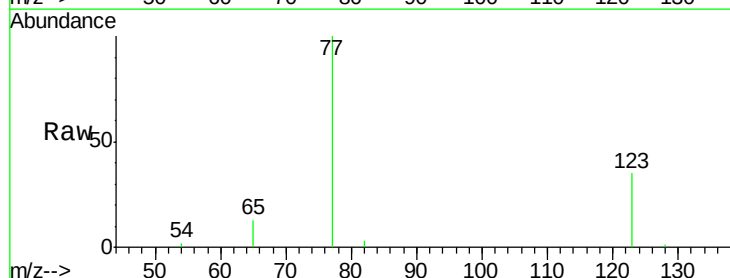
Tgt Ion: 77 Resp: 36639

Ion Ratio Lower Upper

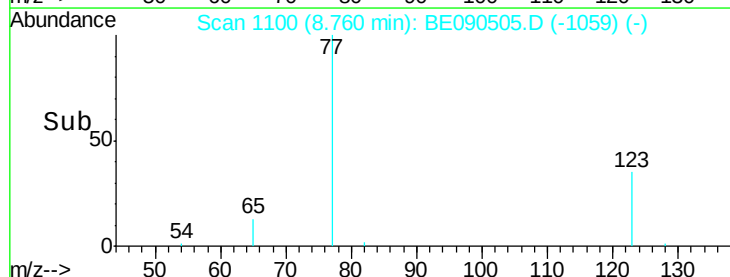
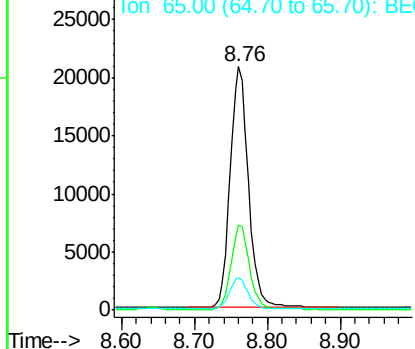
77 100

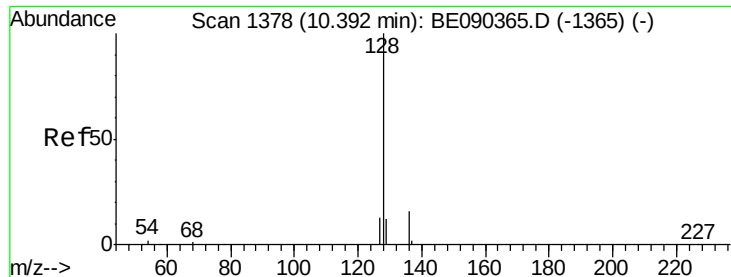
123 35.0 25.1 37.7

65 13.3 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: 3.39 ng

RT: 10.39 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

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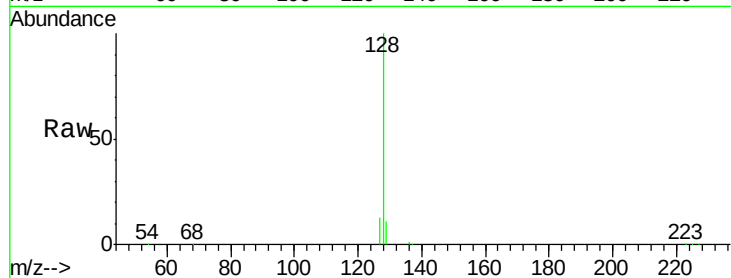
Tgt Ion:128 Resp: 91151

Ion Ratio Lower Upper

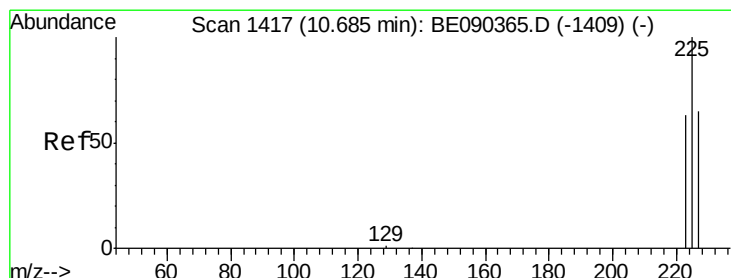
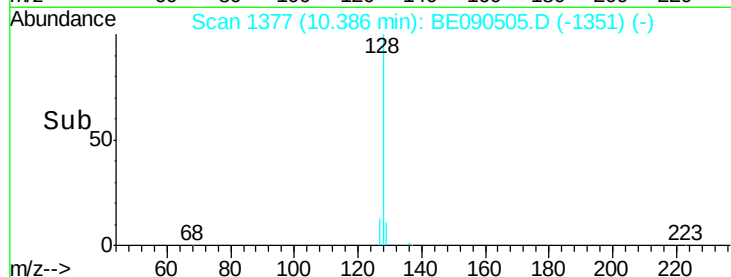
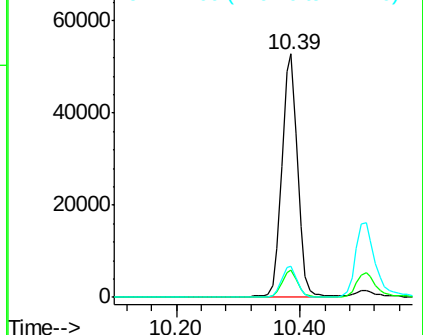
128 100

129 11.2 9.8 14.6

127 12.9 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: 3.14 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

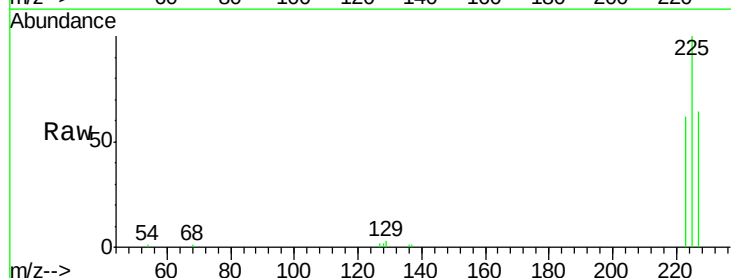
Tgt Ion:225 Resp: 12903

Ion Ratio Lower Upper

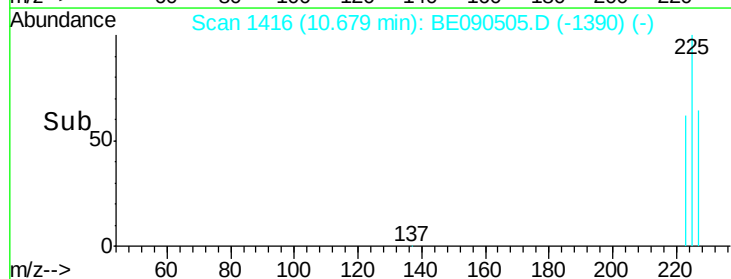
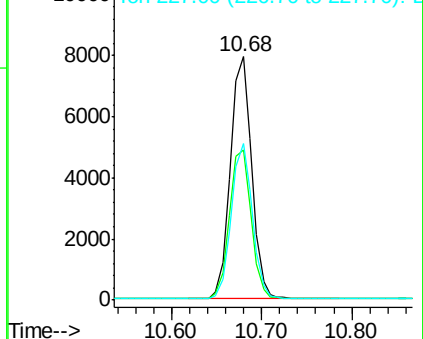
225 100

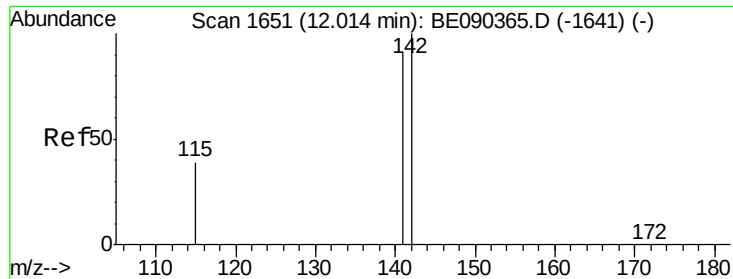
223 63.0 50.6 75.8

227 63.4 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

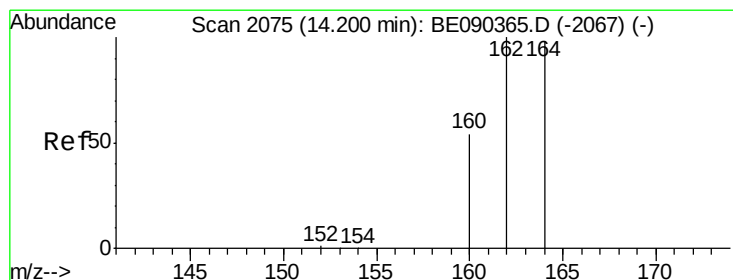
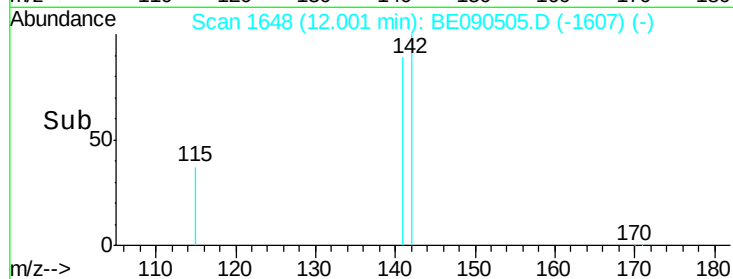
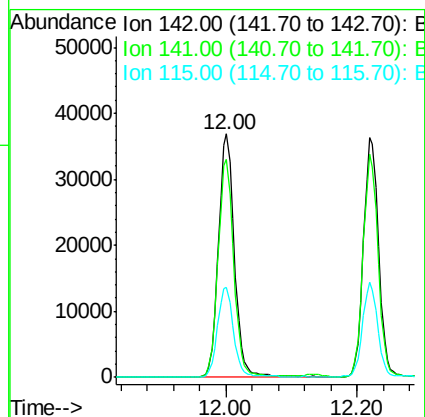
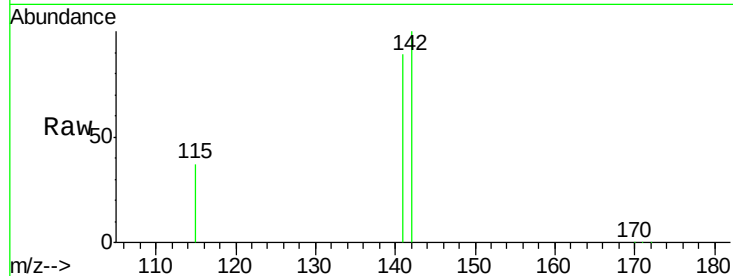




#11
2-Methylnaphthalene
Concen: 3.96 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090505.D
Acq: 13 Aug 2015 18:15

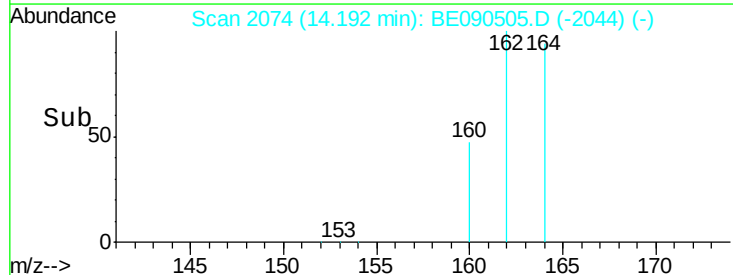
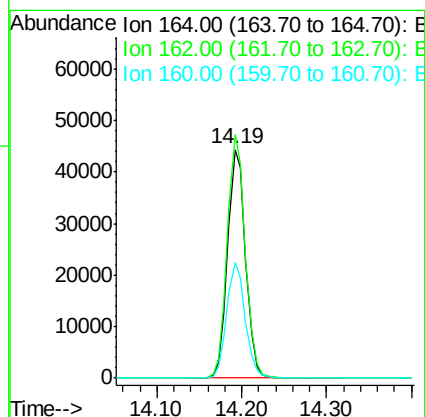
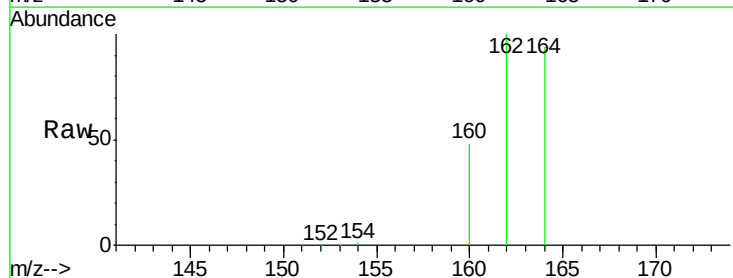
Instrument :
BNA_E
ClientSampleId :
PB84988BSD

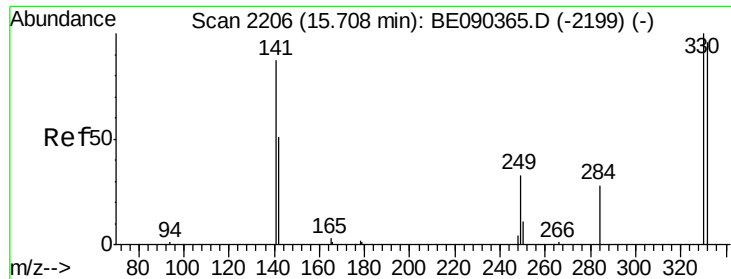
Tgt Ion:142 Resp: 61802
Ion Ratio Lower Upper
142 100
141 89.4 72.6 109.0
115 36.8 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090505.D
Acq: 13 Aug 2015 18:15

Tgt Ion:164 Resp: 64898
Ion Ratio Lower Upper
164 100
162 106.5 81.8 122.8
160 50.6 44.2 66.4

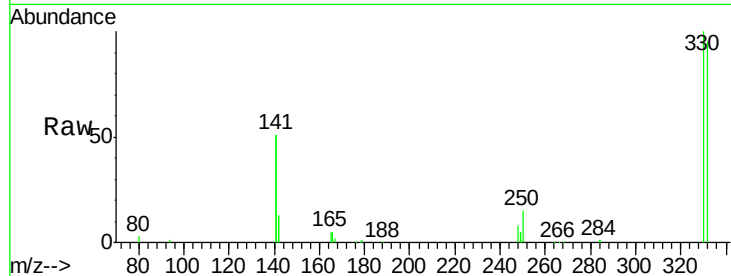




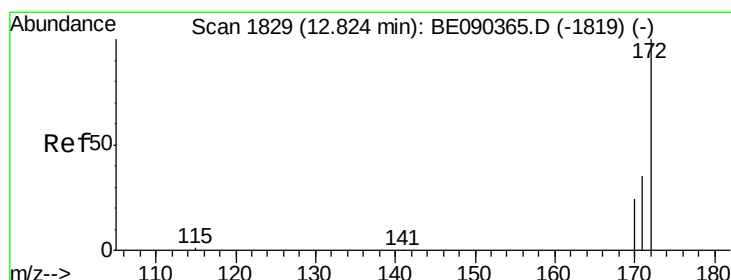
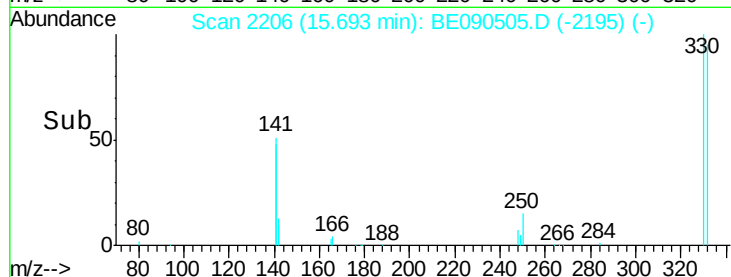
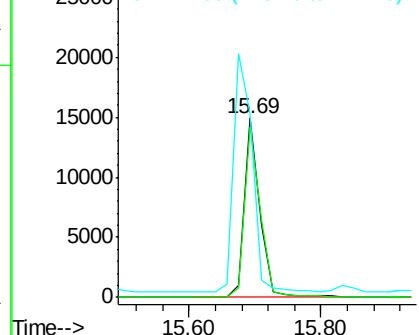
#13
 2,4,6-Tribromophenol
 Concen: 10.41 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090505.D
 Acq: 13 Aug 2015 18:15

Instrument :
 BNA_E
 ClientSampleId :
 PB84988BSD

Tgt Ion:330 Resp: 23663
 Ion Ratio Lower Upper
 330 100
 332 97.8 75.8 113.6
 141 164.8 114.4 171.6

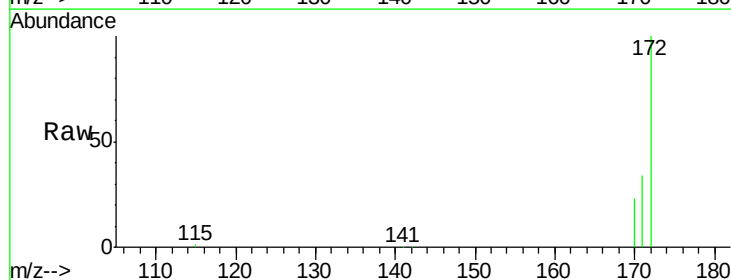


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

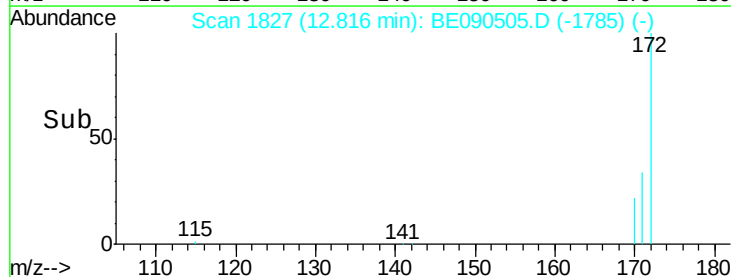
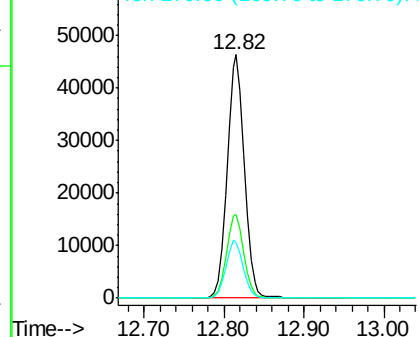


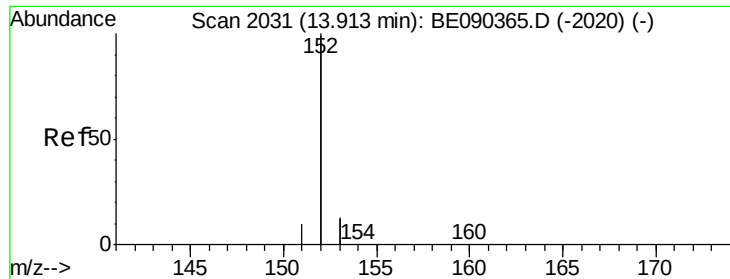
#14
 2-Fluorobiphenyl
 Concen: 3.87 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090505.D
 Acq: 13 Aug 2015 18:15

Tgt Ion:172 Resp: 69167
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 22.6 19.8 29.8



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: 3.95 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

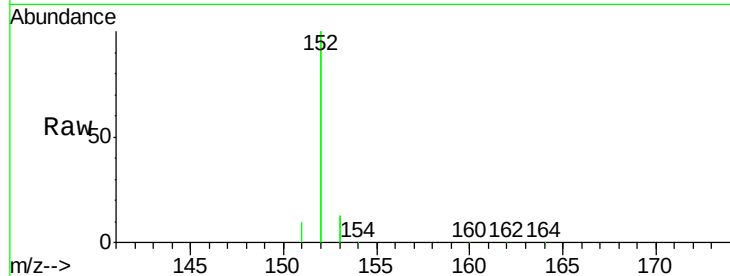
Tgt Ion:152 Resp: 415138

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

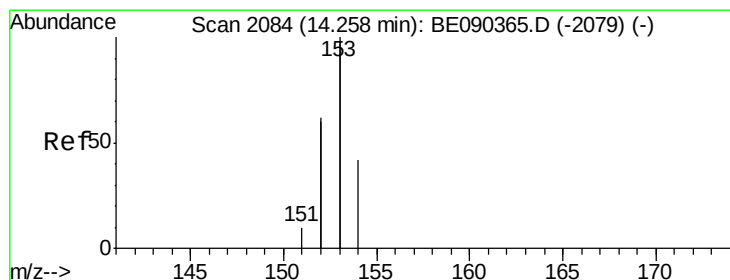
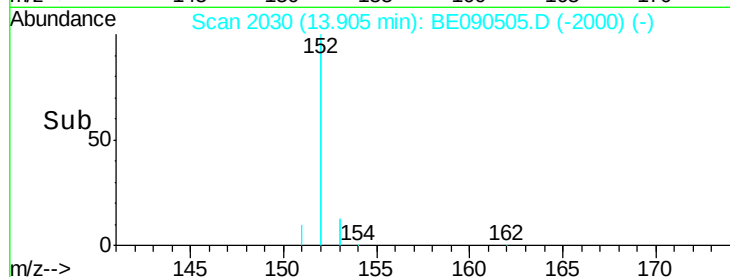
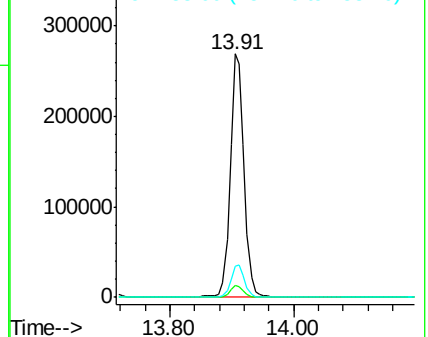
153 13.1 10.3 15.5



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: 3.86 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

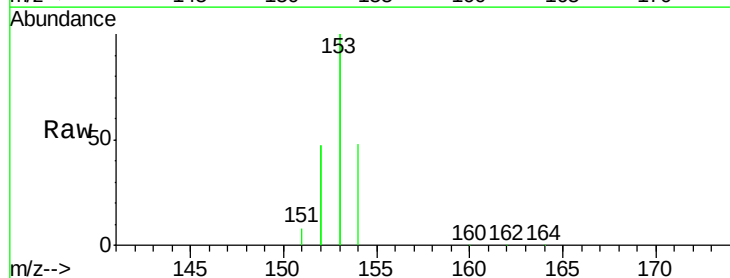
Tgt Ion:154 Resp: 63134

Ion Ratio Lower Upper

154 100

153 433.2 376.2 564.2

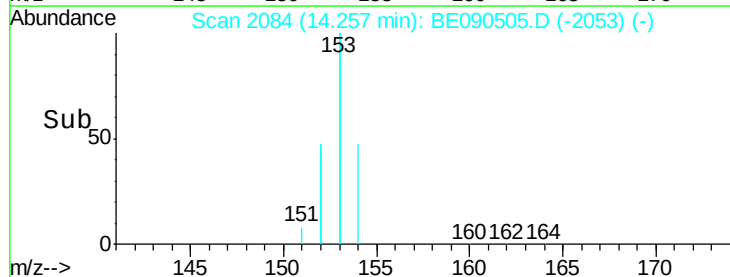
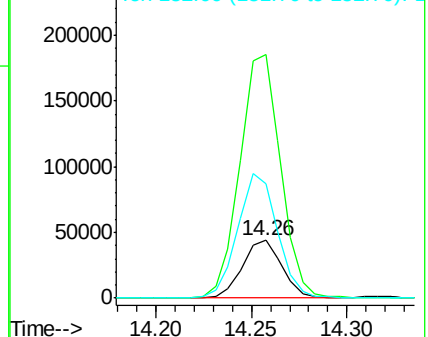
152 216.7 235.0 352.4#

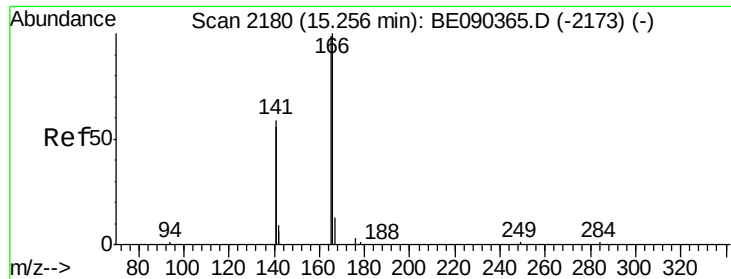


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 3.82 ng

RT: 15.24 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

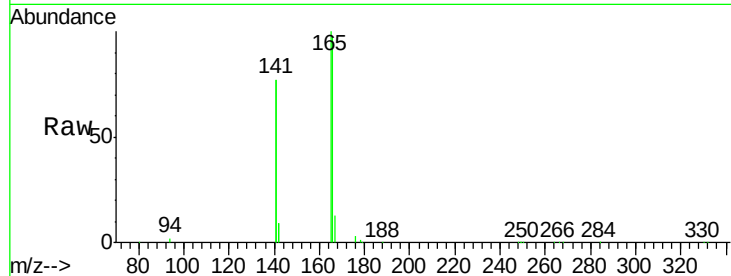
Tgt Ion:166 Resp: 81096

Ion Ratio Lower Upper

166 100

165 99.0 81.5 122.3

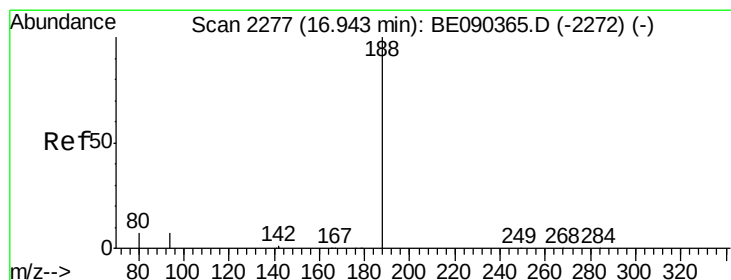
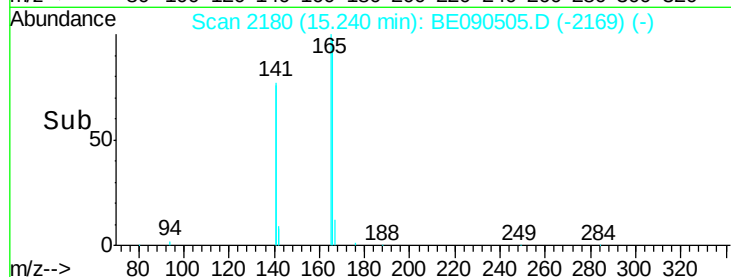
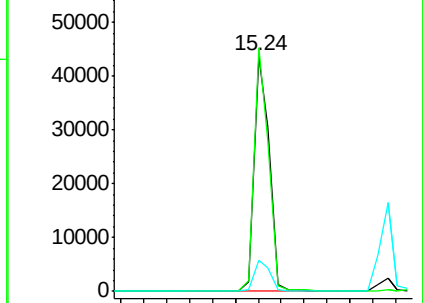
167 13.6 11.4 17.0



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: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

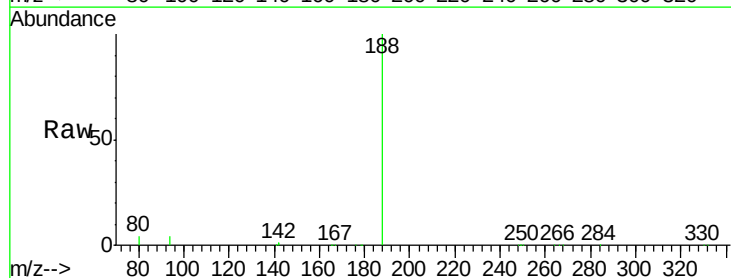
Tgt Ion:188 Resp: 140961

Ion Ratio Lower Upper

188 100

94 4.5 5.7 8.5#

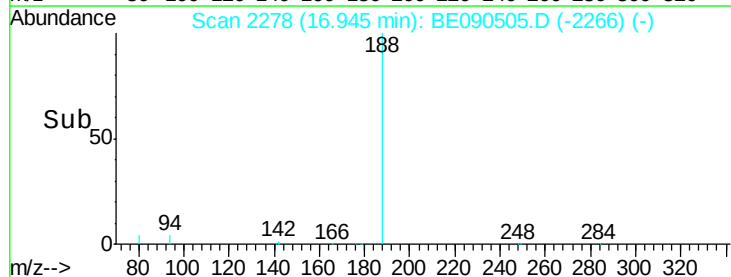
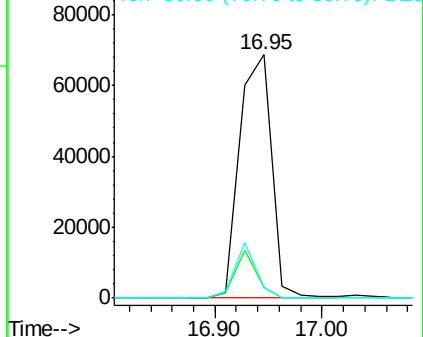
80 4.5 5.8 8.8#

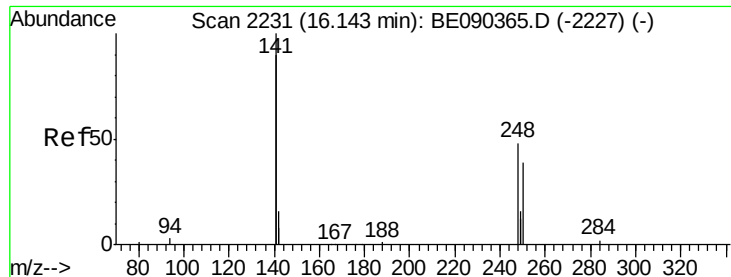


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 4.12 ng

RT: 16.14 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

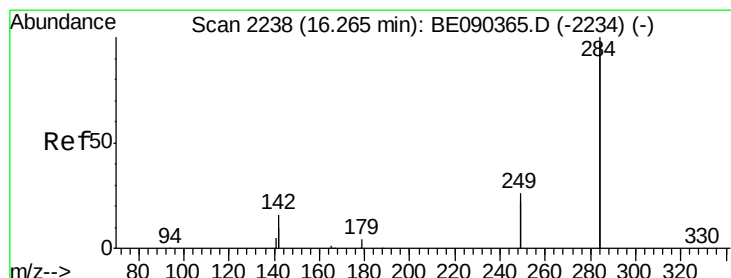
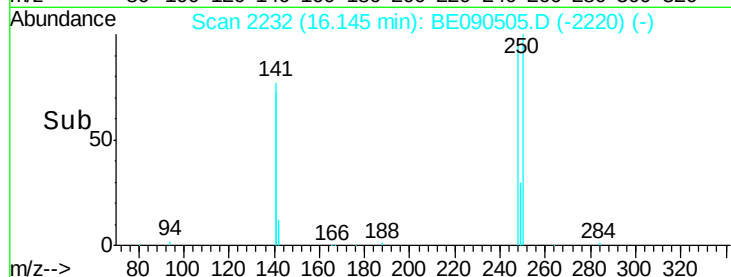
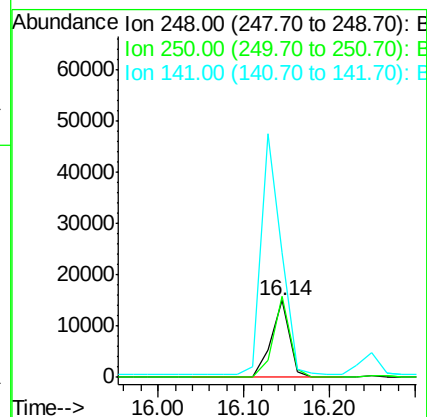
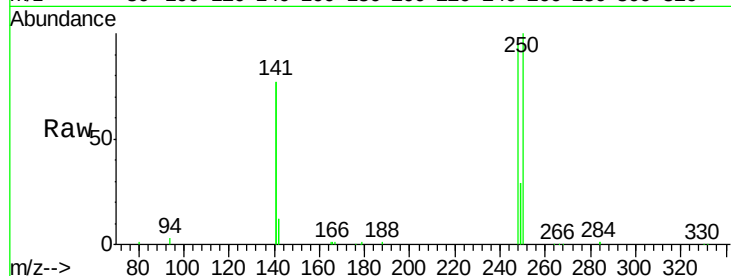
Tgt Ion:248 Resp: 22588

Ion Ratio Lower Upper

248 100

250 96.7 79.0 118.6

141 342.5 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.36 ng

RT: 16.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

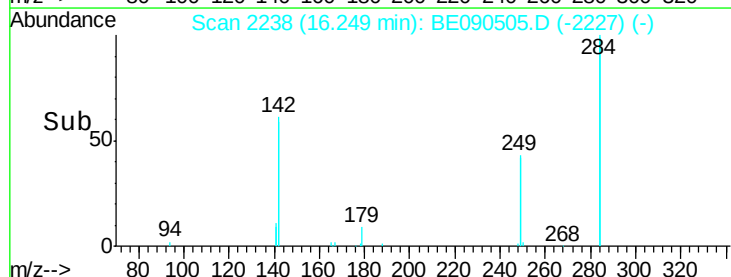
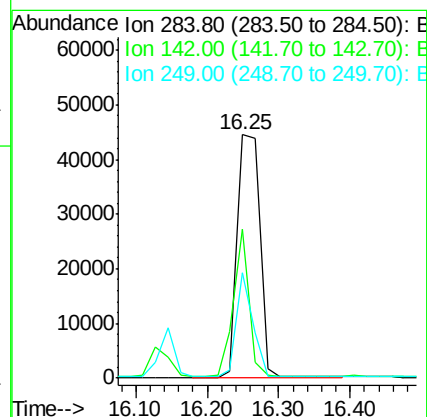
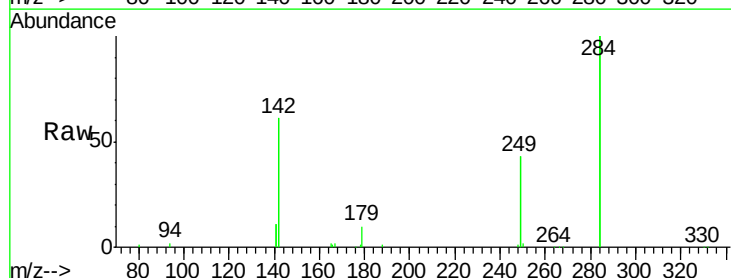
Tgt Ion:284 Resp: 95235

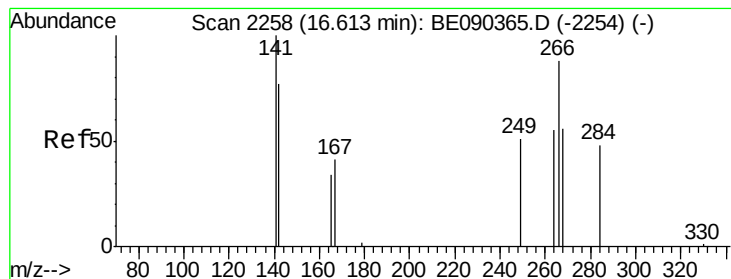
Ion Ratio Lower Upper

284 100

142 41.3 30.1 45.1

249 31.5 25.7 38.5





#21

Pentachlorophenol

Concen: 9.87 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

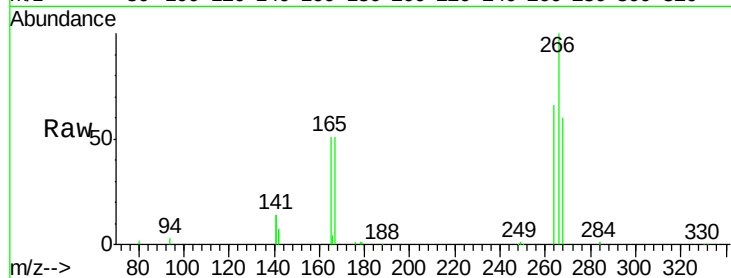
Tgt Ion:266 Resp: 25613

Ion Ratio Lower Upper

266 100

268 60.3 58.5 87.7

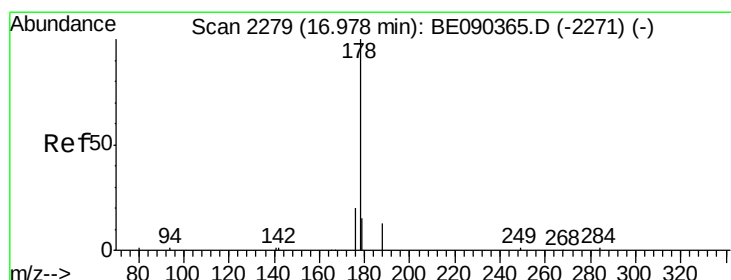
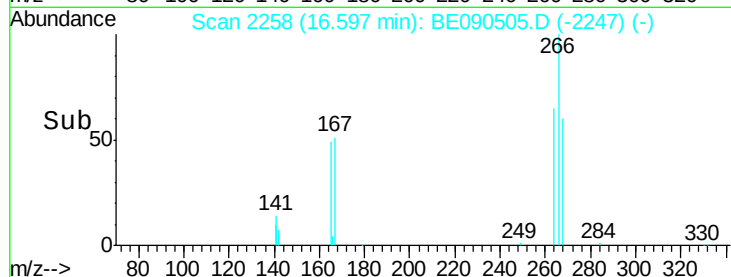
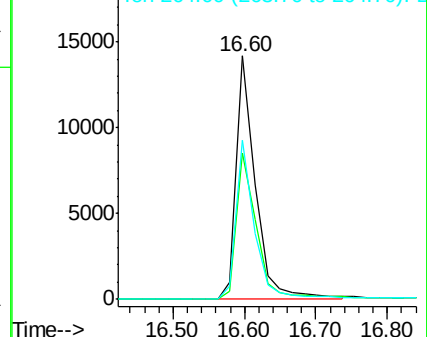
264 65.6 56.0 84.0



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: 3.89 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

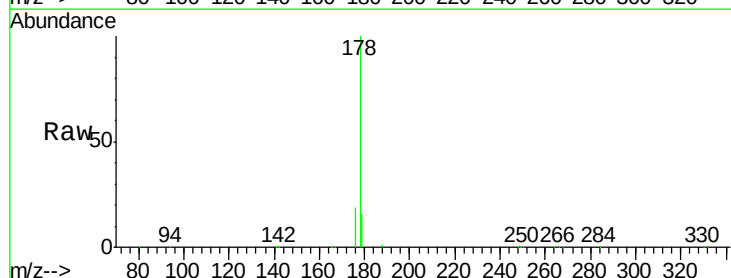
Tgt Ion:178 Resp: 137061

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

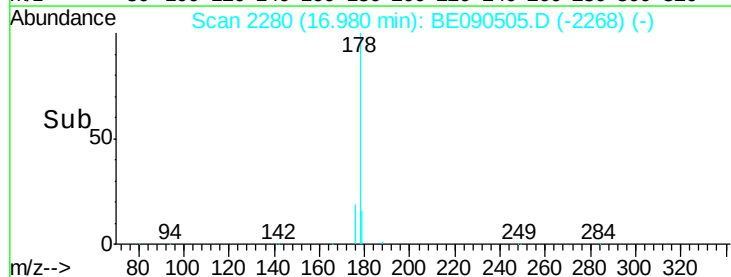
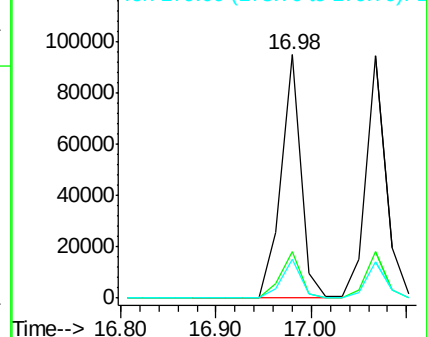
179 15.4 12.5 18.7

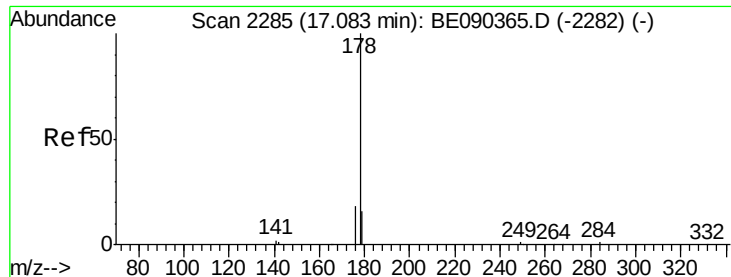


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.72 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

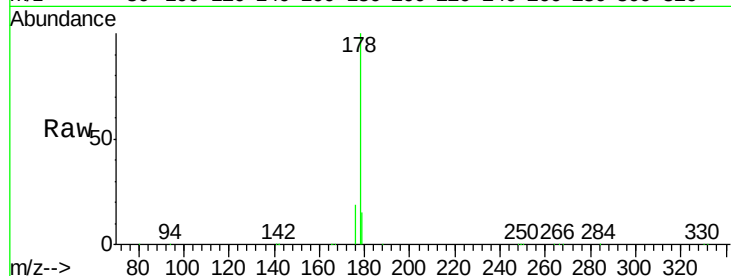
Tgt Ion:178 Resp: 136845

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

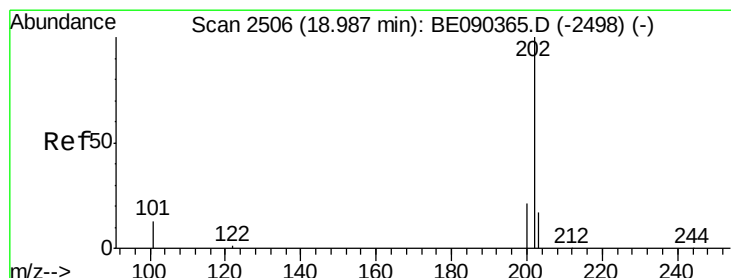
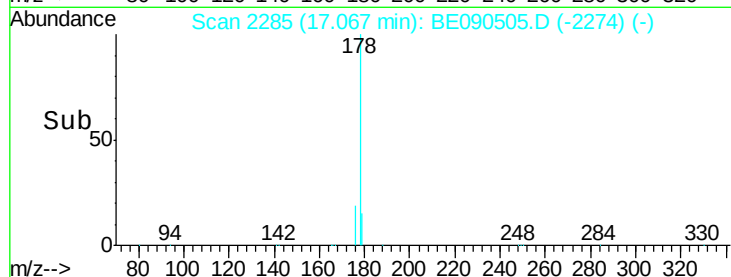
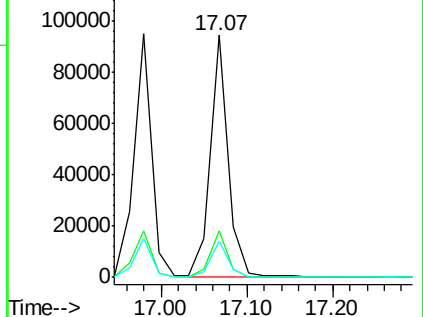
179 15.3 12.2 18.4



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



#24

Fluoranthene

Concen: 4.54 ng

RT: 18.98 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

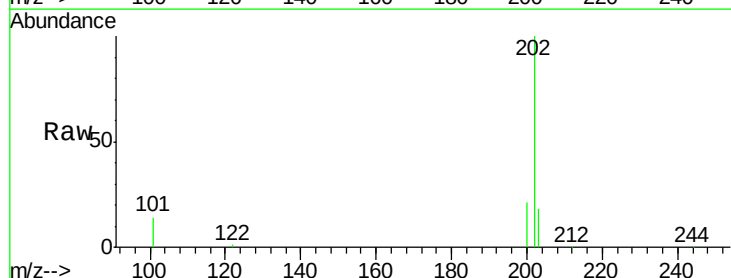
Tgt Ion:202 Resp: 157464

Ion Ratio Lower Upper

202 100

101 14.4 10.3 15.5

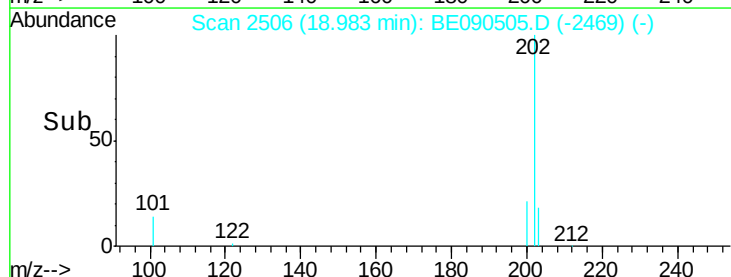
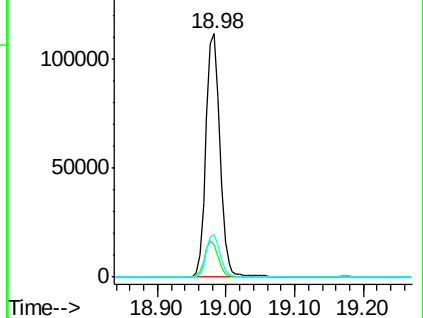
203 17.2 13.7 20.5

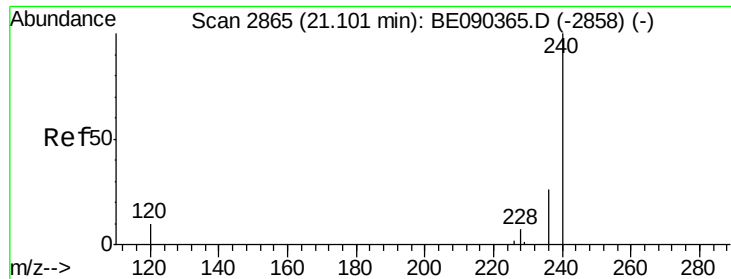


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

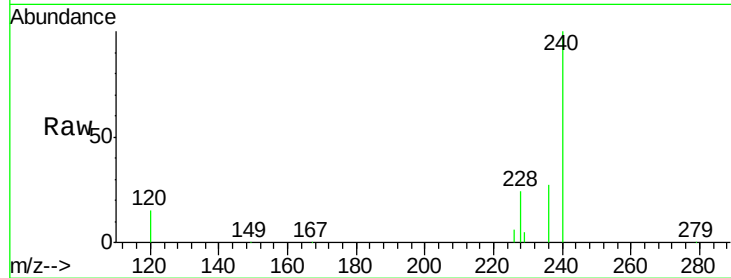
Tgt Ion:240 Resp: 151841

Ion Ratio Lower Upper

240 100

120 15.3 8.3 12.5#

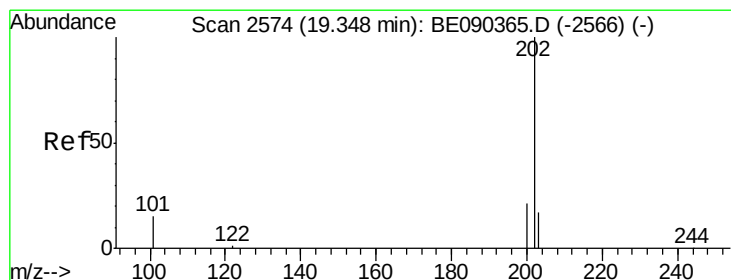
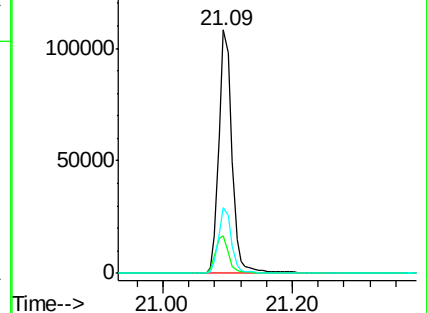
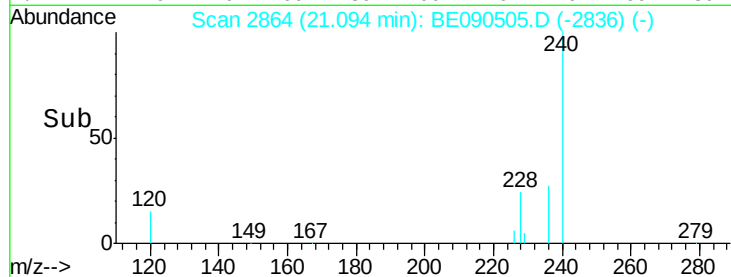
236 27.2 21.0 31.4



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: 5.03 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

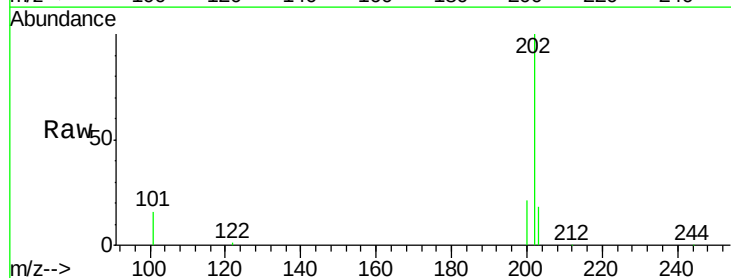
Tgt Ion:202 Resp: 165510

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

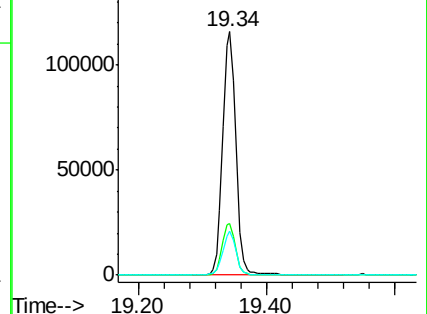
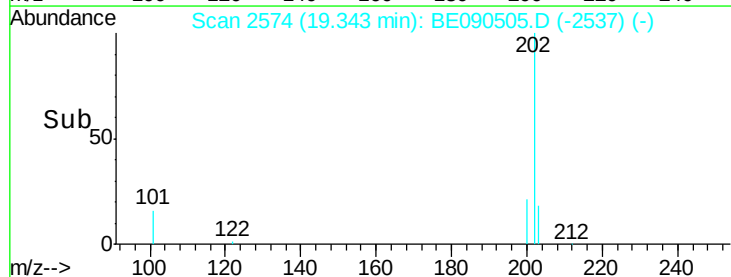
203 18.0 13.8 20.8

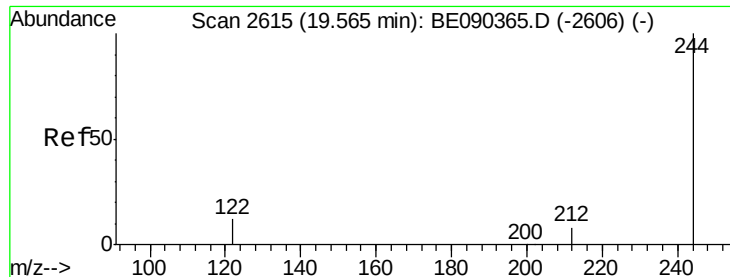


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

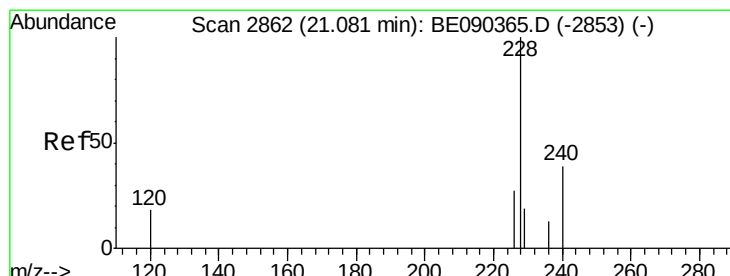
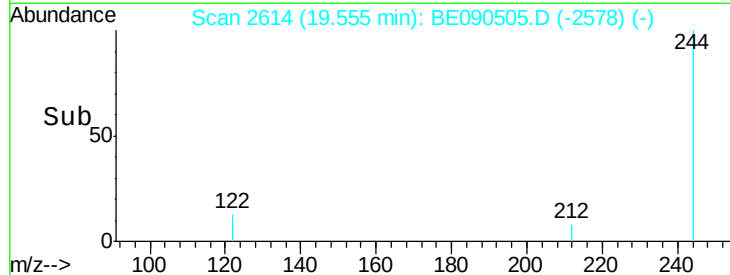
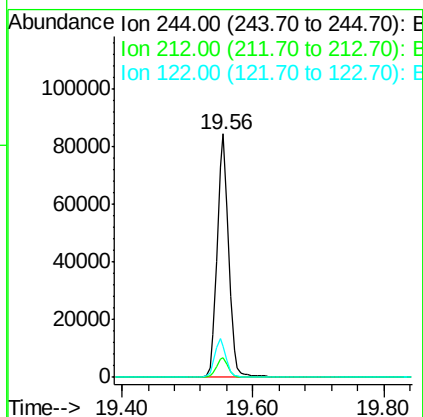
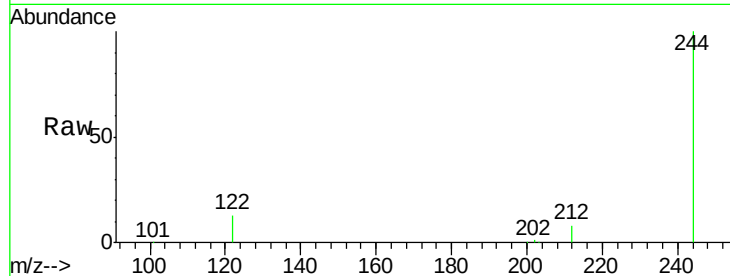




#27
 Terphenyl-d14
 Concen: 4.61 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090505.D
 Acq: 13 Aug 2015 18:15

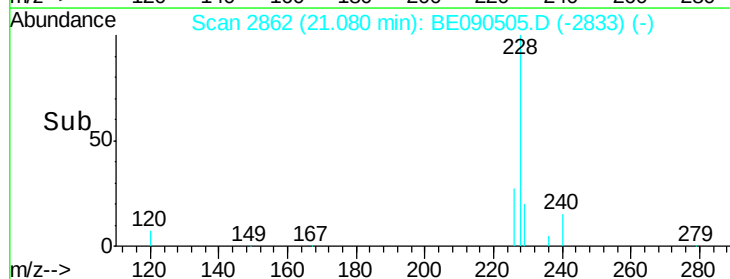
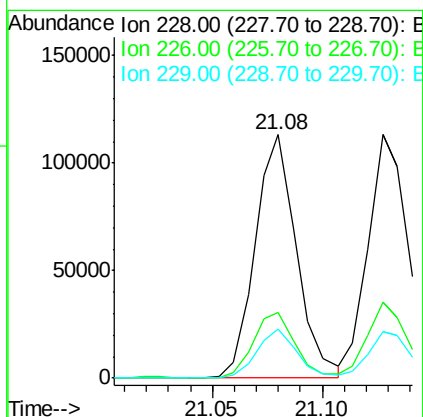
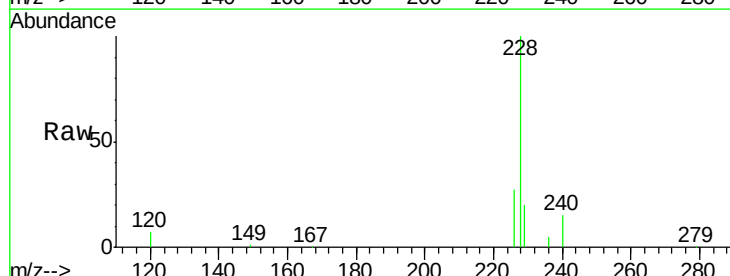
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BSD

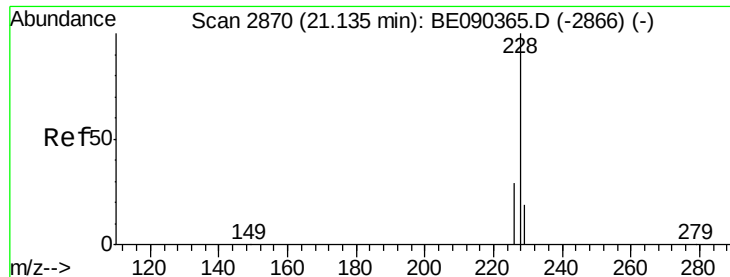
Tgt Ion:244 Resp: 103169
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.7 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 4.40 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090505.D
 Acq: 13 Aug 2015 18:15

Tgt Ion:228 Resp: 147961
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.9 32.9
 229 20.2 15.4 23.0





#29

Chrysene

Concen: 3.72 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

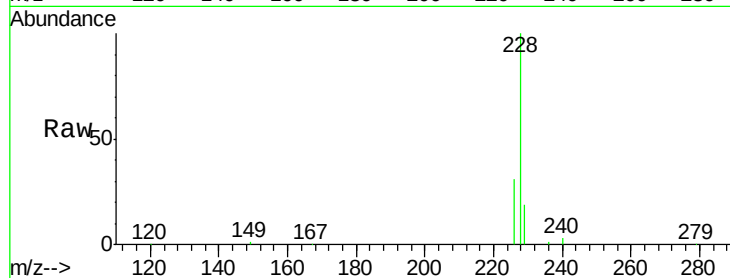
Tgt Ion:228 Resp: 151385

Ion Ratio Lower Upper

228 100

226 31.2 23.1 34.7

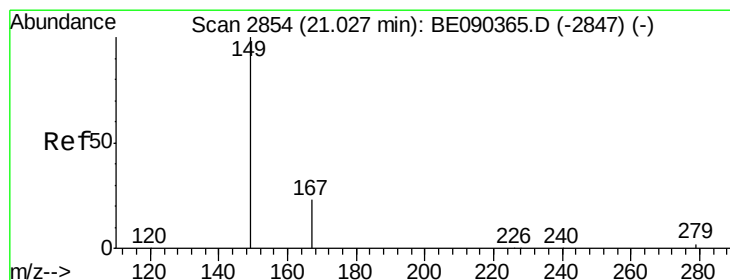
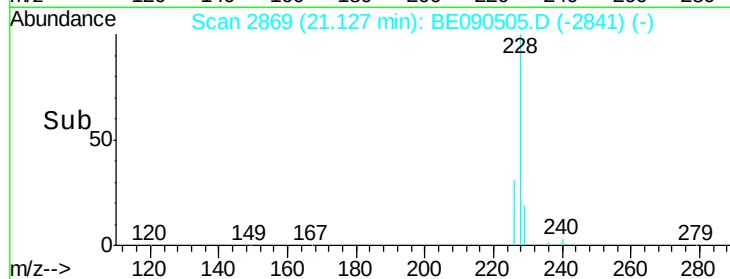
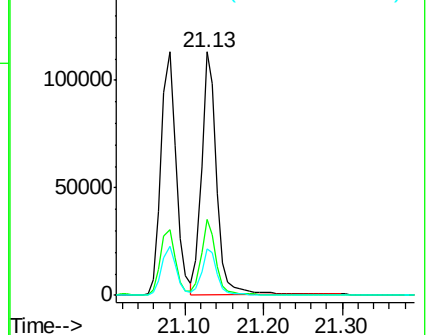
229 19.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 7.11 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

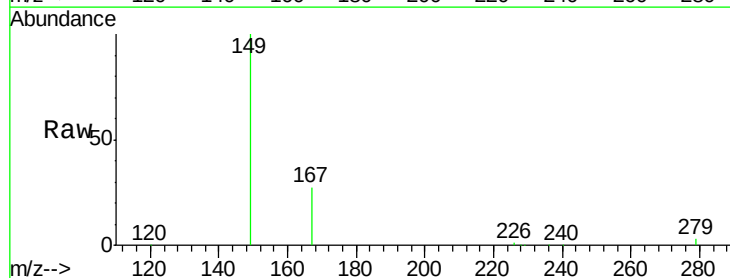
Tgt Ion:149 Resp: 100982

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

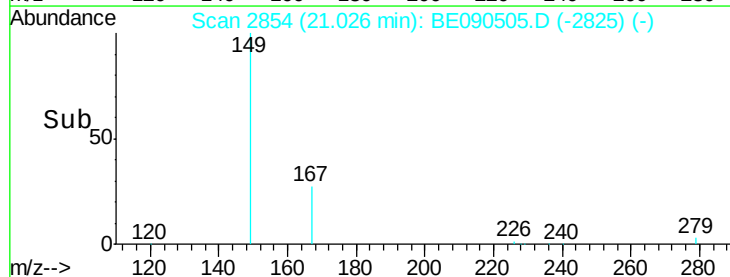
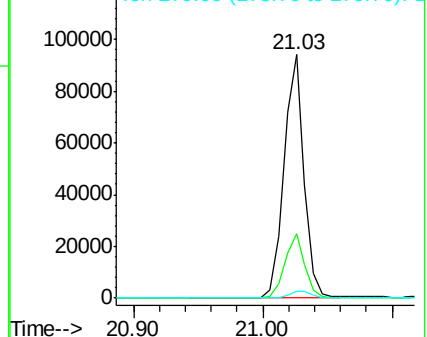
279 3.0 2.4 3.6

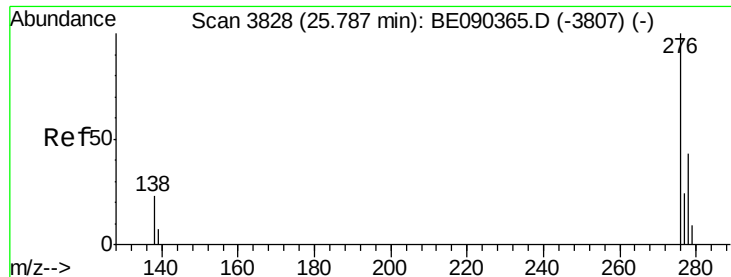


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.17 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

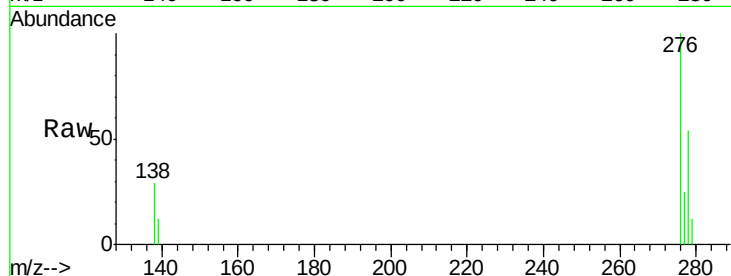
Tgt Ion:276 Resp: 151333

Ion Ratio Lower Upper

276 100

138 30.1 18.8 28.2#

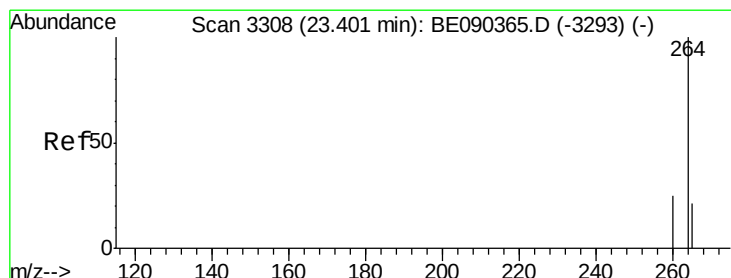
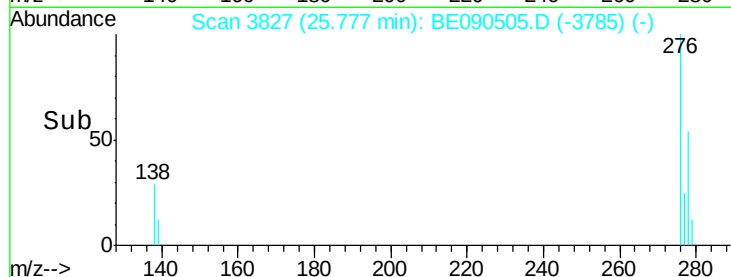
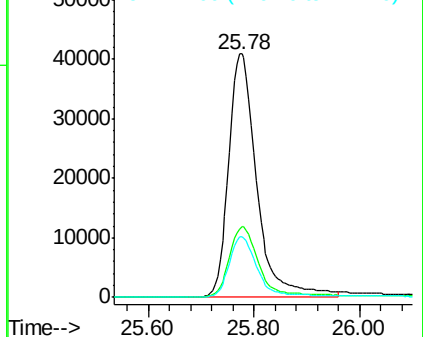
277 24.9 18.2 27.4



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: 23.40 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

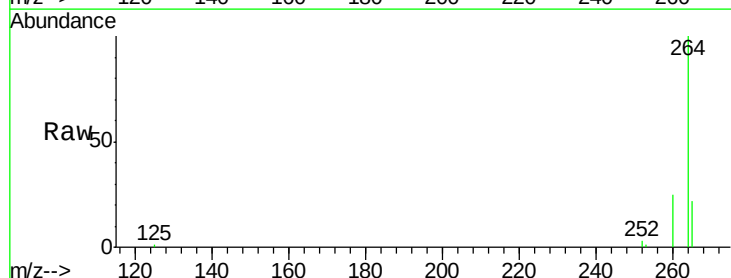
Tgt Ion:264 Resp: 138882

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

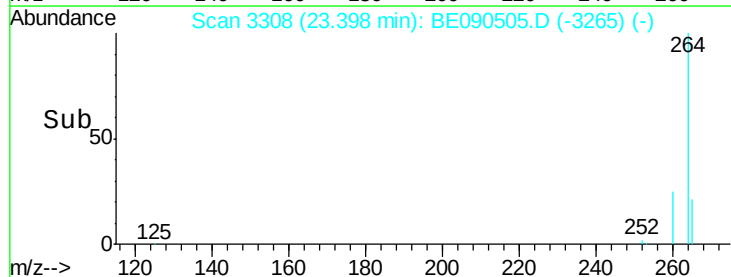
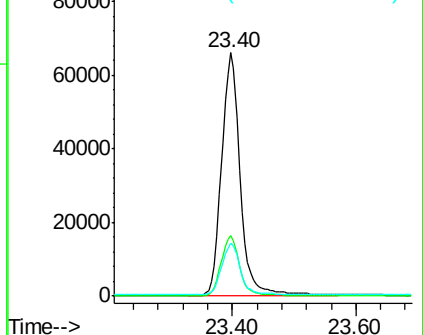
265 21.8 17.2 25.8

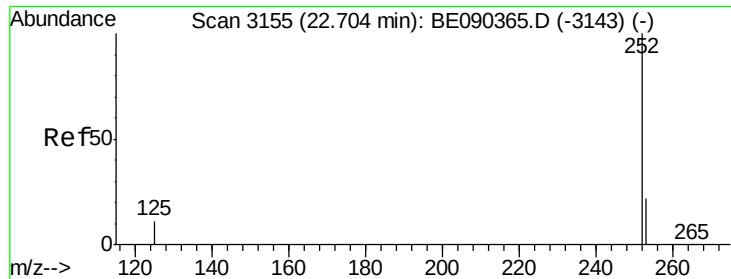


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.39 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

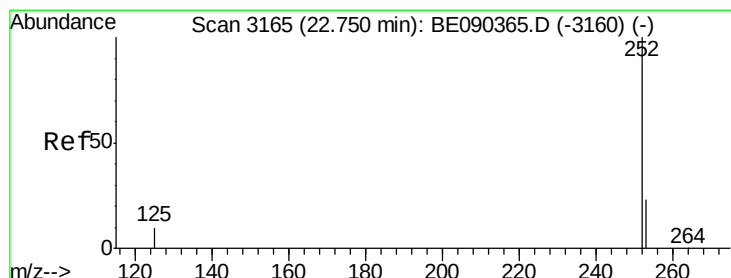
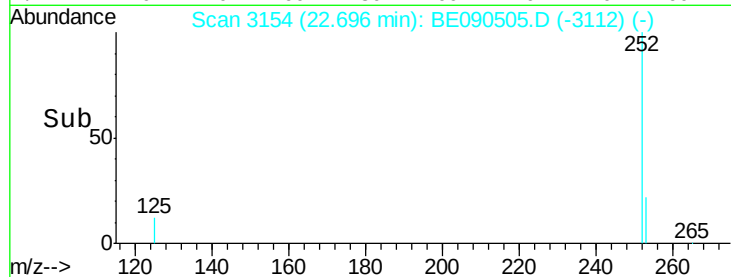
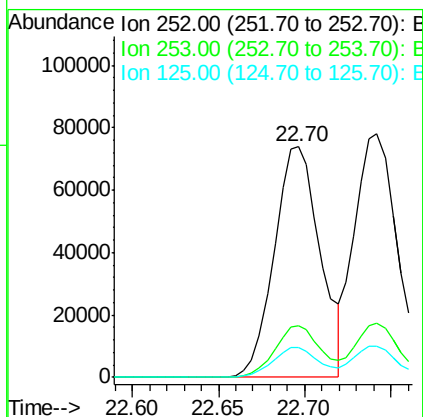
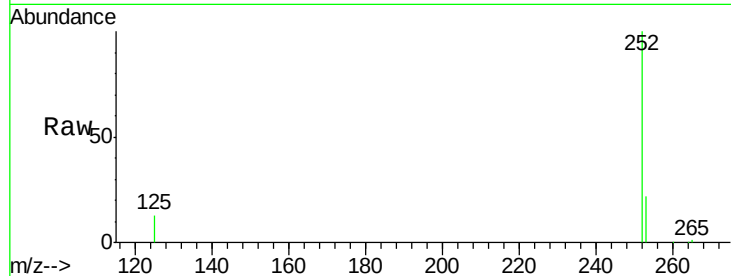
BNA_E

ClientSampleId :

PB84988BSD

Tgt Ion:252 Resp: 136908

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.7	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 3.73 ng

RT: 22.74 min Scan# 3164

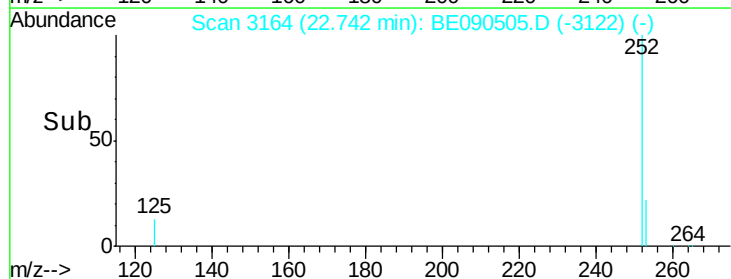
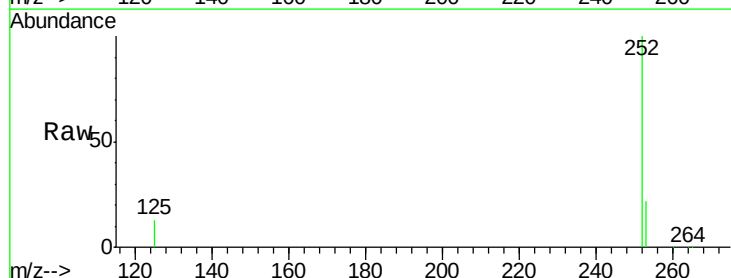
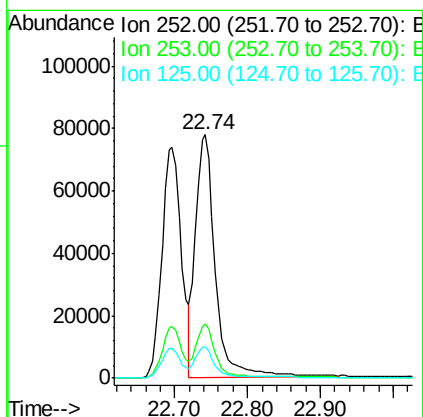
Delta R.T. -0.01 min

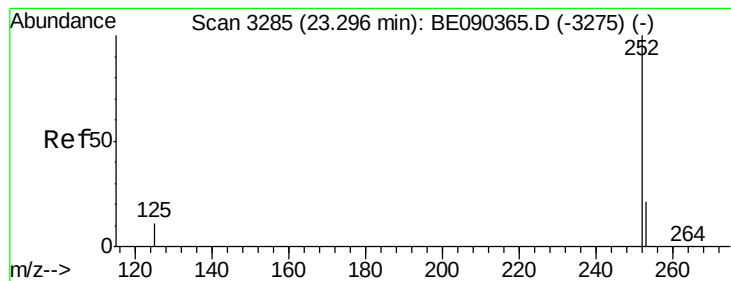
Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Tgt Ion:252 Resp: 144444

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.1	13.7





#35

Benzo(a)pyrene

Concen: 4.56 ng

RT: 23.29 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD

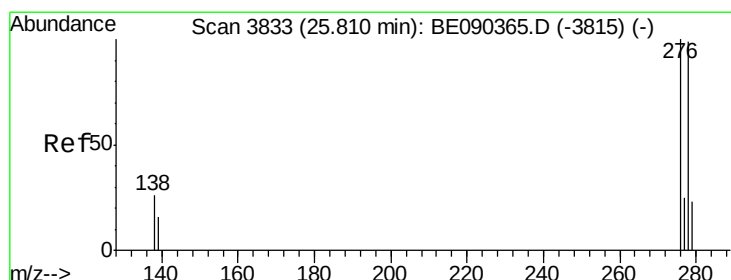
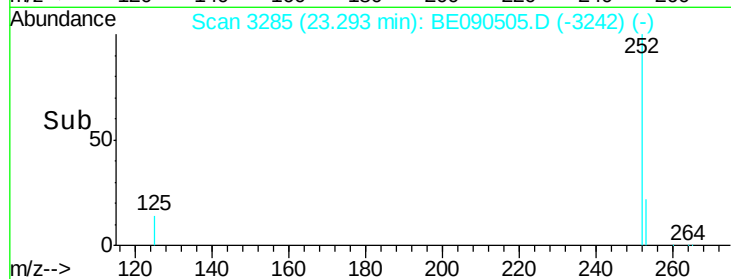
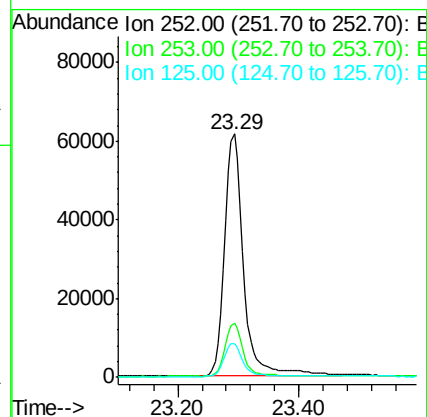
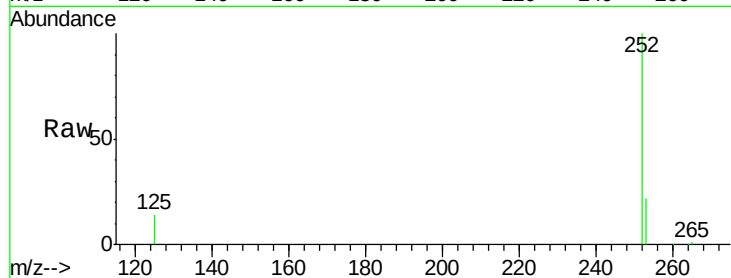
Tgt Ion:252 Resp: 134628

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 13.9 9.8 14.6



#36

Dibenzo(a,h)anthracene

Concen: 4.24 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090505.D

Acq: 13 Aug 2015 18:15

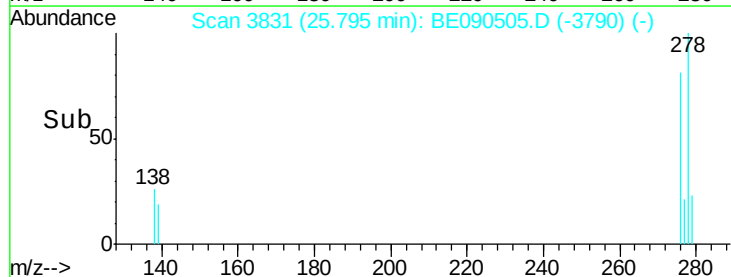
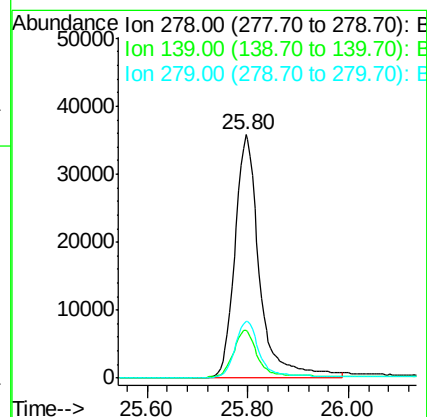
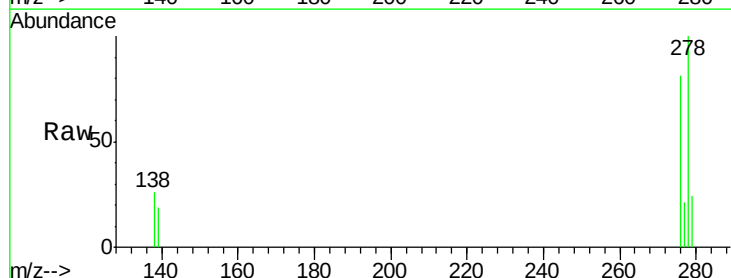
Tgt Ion:278 Resp: 121978

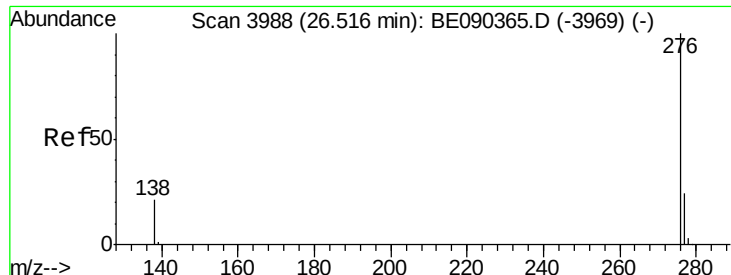
Ion Ratio Lower Upper

278 100

139 19.5 14.2 21.4

279 23.6 20.1 30.1





#37

Benzo(g,h,i)perylene

Concen: 5.17 ng

RT: 26.51 min Scan# 3988

Delta R.T. -0.01 min

Lab File: BE090505.D

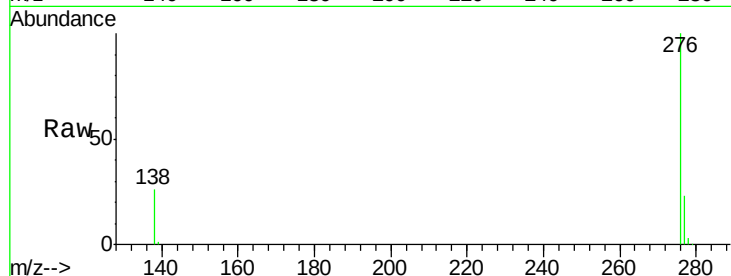
Acq: 13 Aug 2015 18:15

Instrument :

BNA_E

ClientSampleId :

PB84988BSD



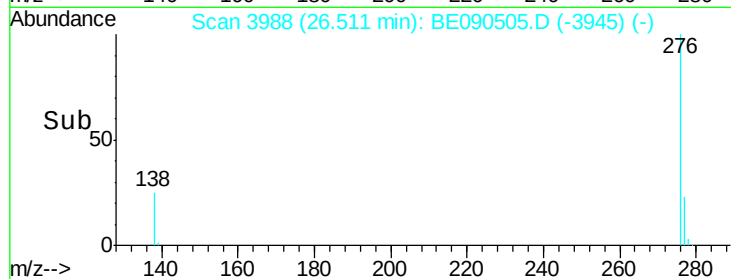
Tgt Ion: 276 Resp: 132673

Ion Ratio Lower Upper

276 100

277 23.4 20.1 30.1

138 25.7 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

