

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082515\
 Data File : BE090613.D
 Acq On : 25 Aug 2015 14:53
 Operator : UM/IZ
 Sample : PB85167BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85167BSD

Quant Time: Aug 26 03:26:26 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

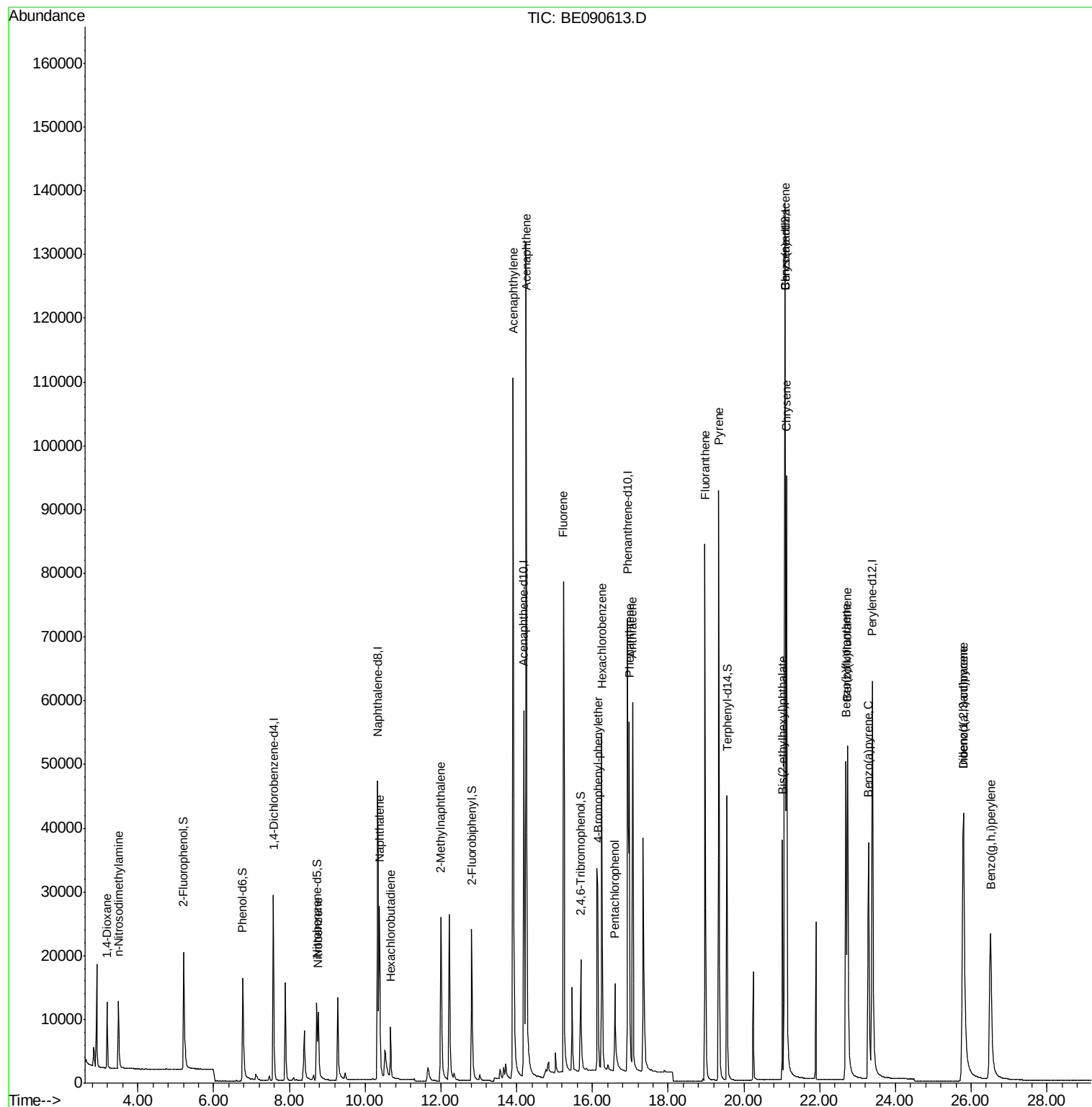
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	15244	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	70039	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	40301	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	101290	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	119920	5.00	ng	0.00
32) Perylene-d12	23.39	264	101079	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	18761	4.26	ng	0.00
5) Phenol-d6	6.77	99	26528	4.09	ng	0.00
7) Nitrobenzene-d5	8.72	82	14223	2.55	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	9109	5.87	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	30959	2.57	ng	0.00
27) Terphenyl-d14	19.56	244	56059	2.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	5576	3.20	ng	96
3) n-Nitrosodimethylamine	3.49	42	6759	2.57	ng	# 84
8) Nitrobenzene	8.76	77	14376	2.49	ng	97
9) Naphthalene	10.38	128	39430	2.48	ng	98
10) Hexachlorobutadiene	10.67	225	5935	2.54	ng	99
11) 2-Methylnaphthalene	12.00	142	26670	2.57	ng	99
15) Acenaphthylene	13.91	152	188254	2.56	ng	100
16) Acenaphthene	14.25	154	30056	2.71	ng	# 76
17) Fluorene	15.24	166	39092	2.88	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	10988	2.65	ng	83
20) Hexachlorobenzene	16.25	284	50459	2.75	ng	95
21) Pentachlorophenol	16.60	266	9038	4.17	ng	90
22) Phenanthrene	16.98	178	72209	2.72	ng	99
23) Anthracene	17.07	178	68902	2.81	ng	100
24) Fluoranthene	18.98	202	84042	2.97	ng	99
26) Pyrene	19.34	202	91538	2.67	ng	99
28) Benzo(a)anthracene	21.08	228	84965	2.69	ng	98
29) Chrysene	21.13	228	86877	2.69	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	34115	1.90	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	74224	2.44	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	68495	2.86	ng	99
34) Benzo(k)fluoranthene	22.74	252	85128	3.14	ng	98
35) Benzo(a)pyrene	23.29	252	70287	3.14	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	58481	2.71	ng	97
37) Benzo(g,h,i)perylene	26.51	276	66185	2.80	ng	96

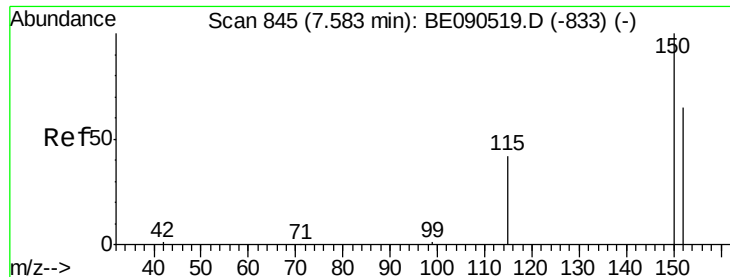
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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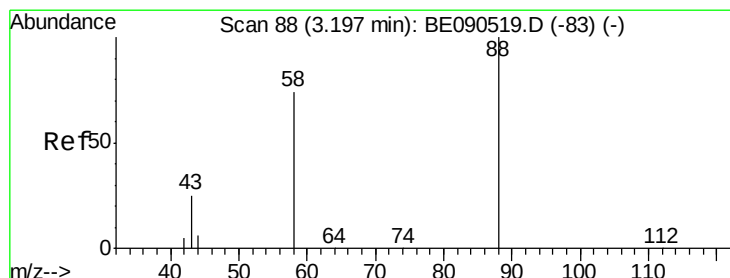
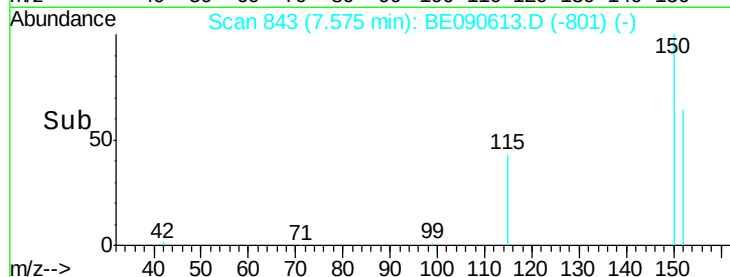
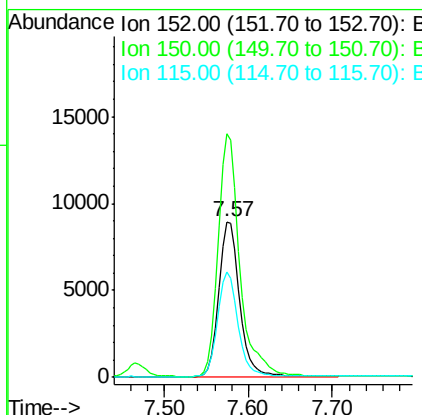
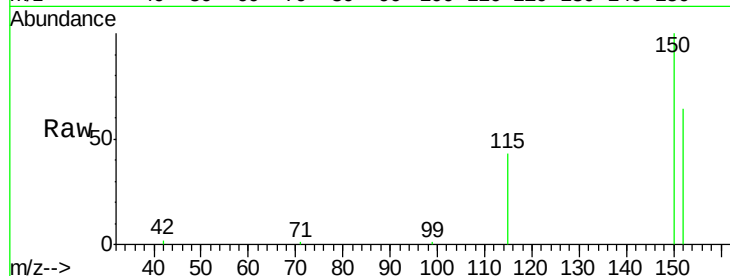




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.57 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BE090613.D
 Acq: 25 Aug 2015 14:53

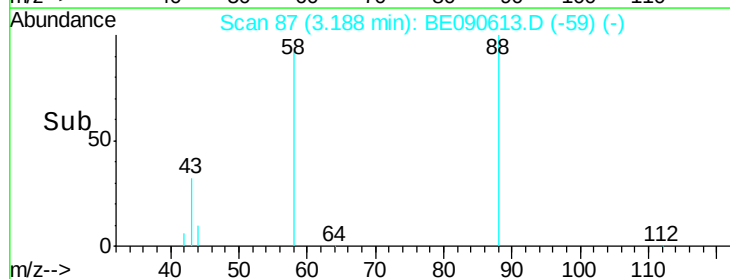
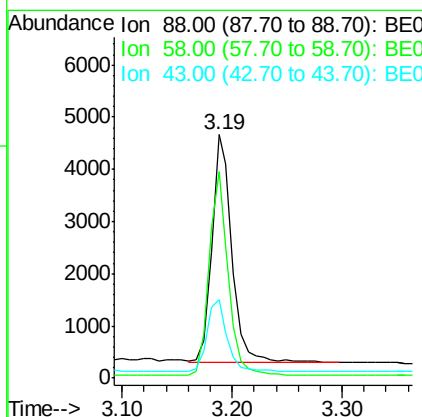
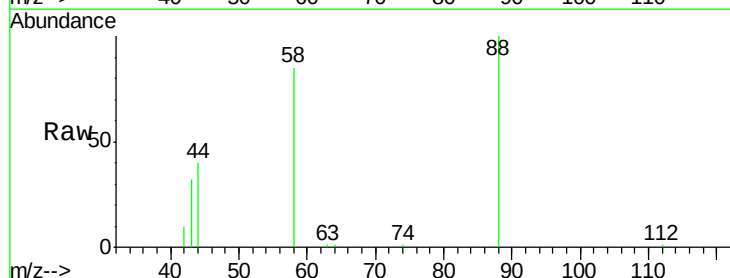
Instrument :
 BNA_E
 ClientSampleId :
 PB85167BSD

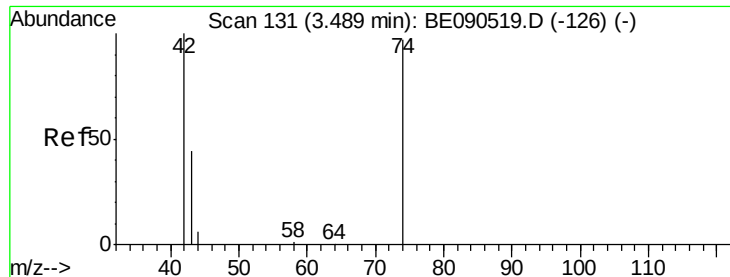
Tgt Ion:152 Resp: 15244
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.0 184.4
 115 67.6 48.9 73.3



#2
 1,4-Dioxane
 Concen: 3.20 ng
 RT: 3.19 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BE090613.D
 Acq: 25 Aug 2015 14:53

Tgt Ion: 88 Resp: 5576
 Ion Ratio Lower Upper
 88 100
 58 85.1 70.0 105.0
 43 31.5 28.4 42.6





#3

n-Nitrosodimethylamine

Concen: 2.57 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

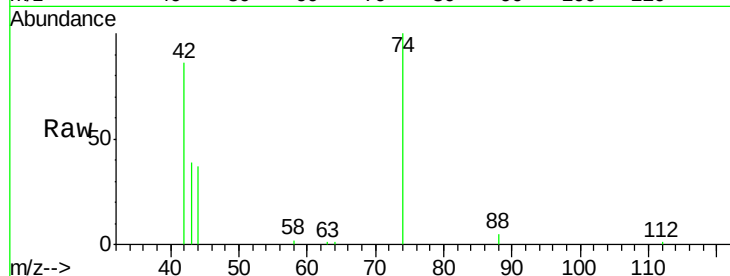
Tgt Ion: 42 Resp: 6759

Ion Ratio Lower Upper

42 100

74 110.7 75.2 112.8

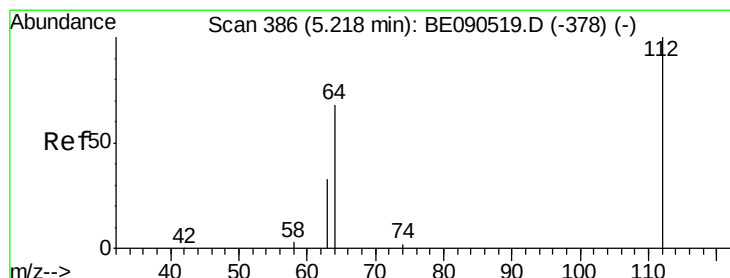
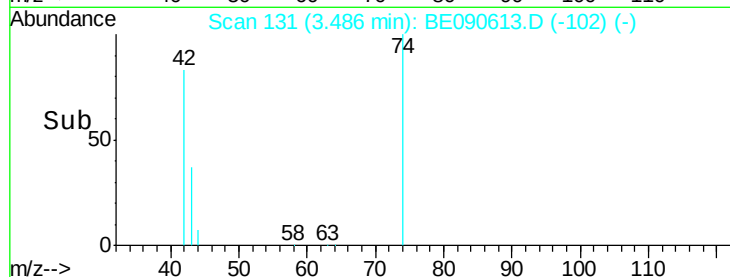
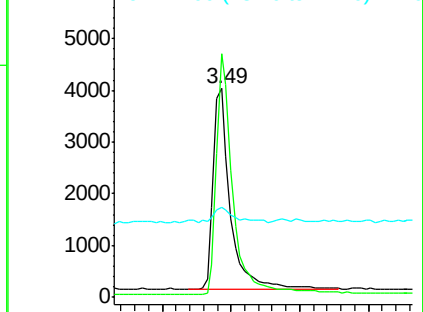
44 8.0 8.7 13.1#



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: 4.26 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

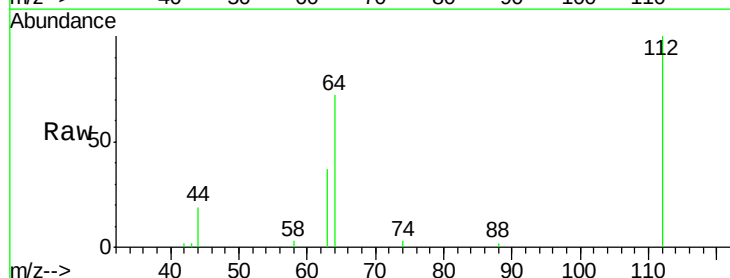
Tgt Ion: 112 Resp: 18761

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

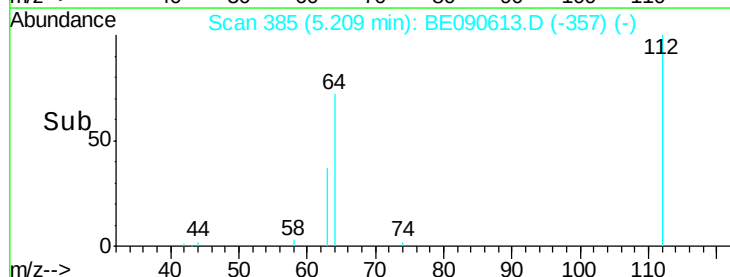
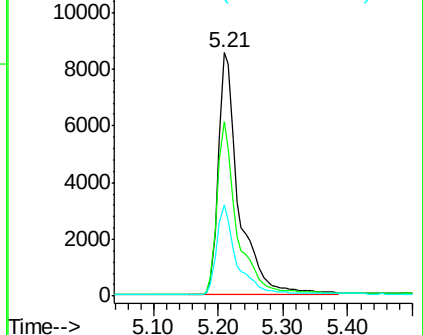
63 36.4 19.5 29.3#

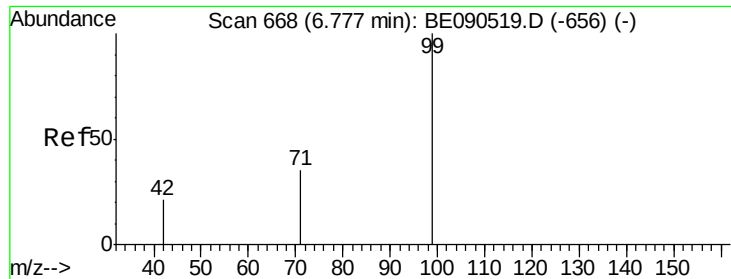


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.09 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

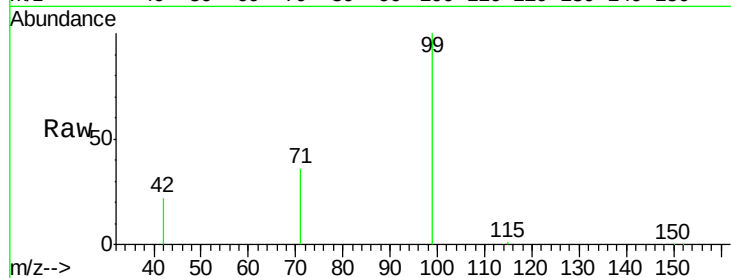
Tgt Ion: 99 Resp: 26528

Ion Ratio Lower Upper

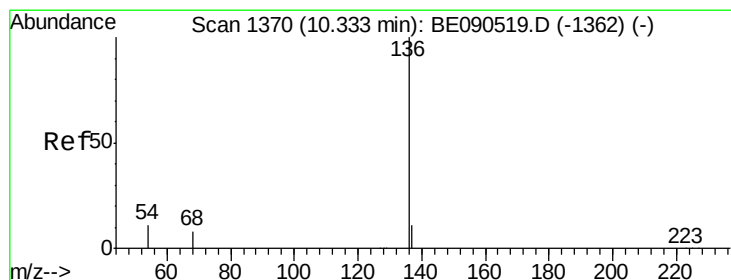
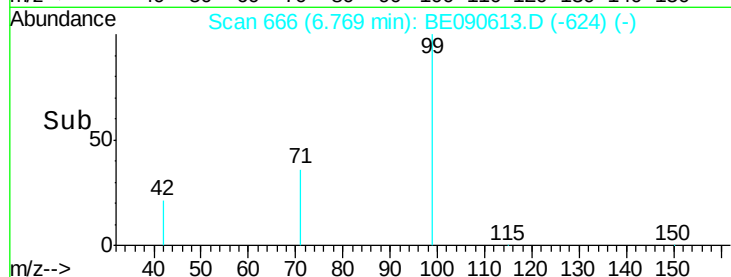
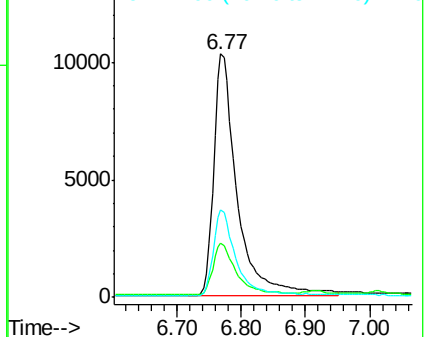
99 100

42 21.2 18.2 27.4

71 34.8 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. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Tgt Ion: 136 Resp: 70039

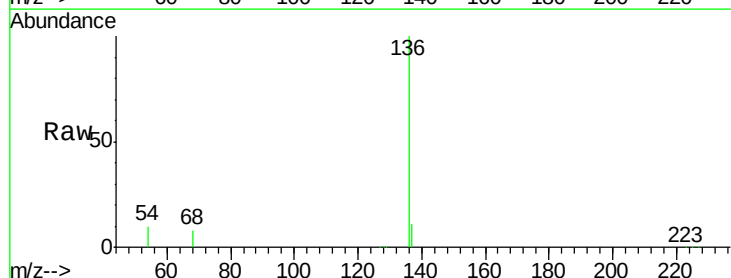
Ion Ratio Lower Upper

136 100

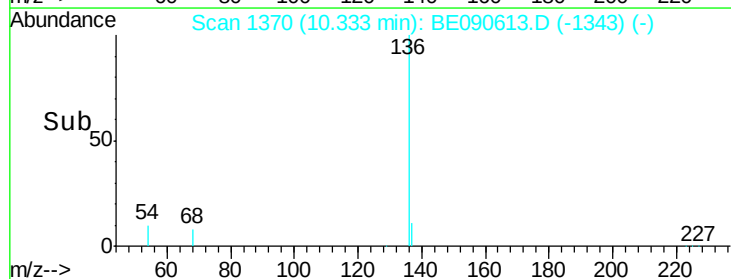
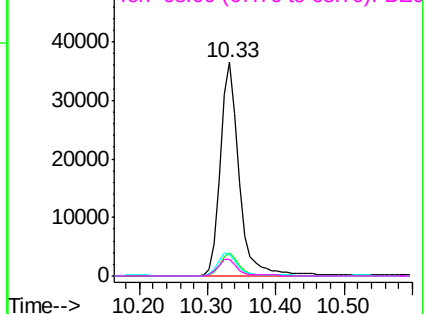
137 10.9 8.7 13.1

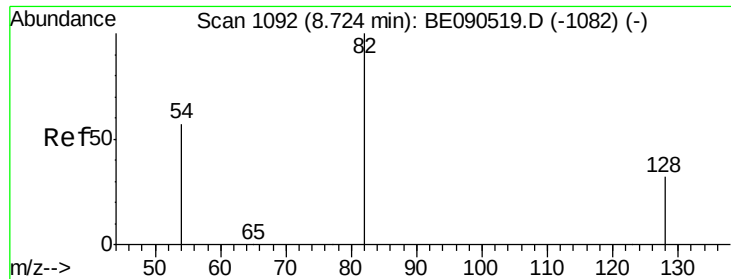
54 10.4 9.4 14.0

68 7.9 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: 2.55 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

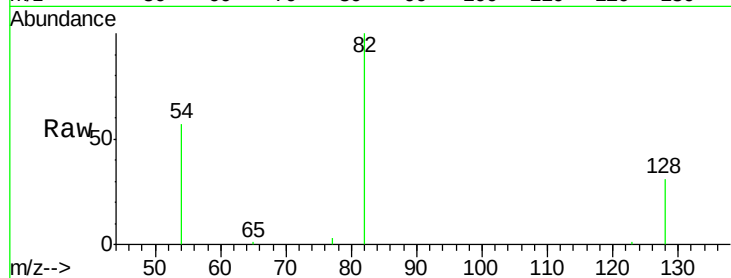
Tgt Ion: 82 Resp: 14223

Ion Ratio Lower Upper

82 100

128 31.5 25.0 37.6

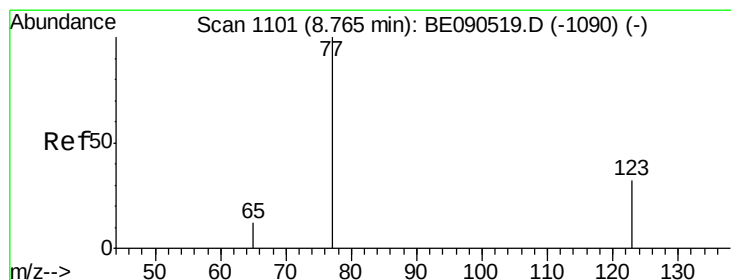
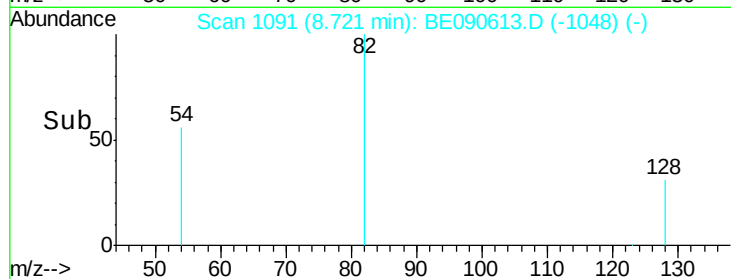
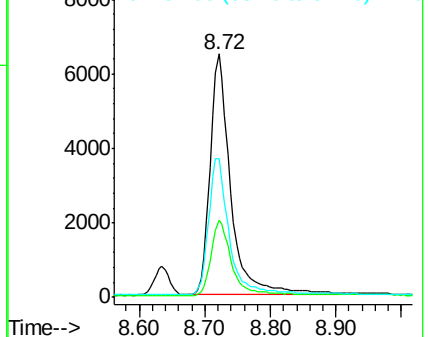
54 56.8 48.8 73.2



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: 2.49 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

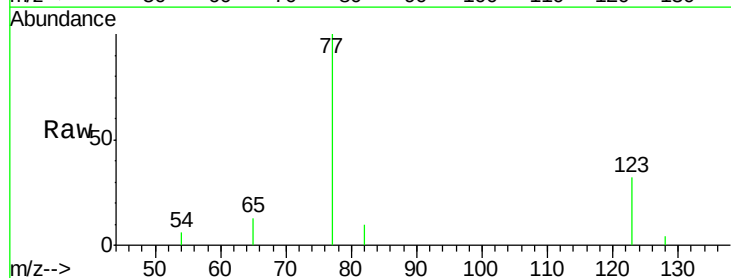
Tgt Ion: 77 Resp: 14376

Ion Ratio Lower Upper

77 100

123 33.6 25.1 37.7

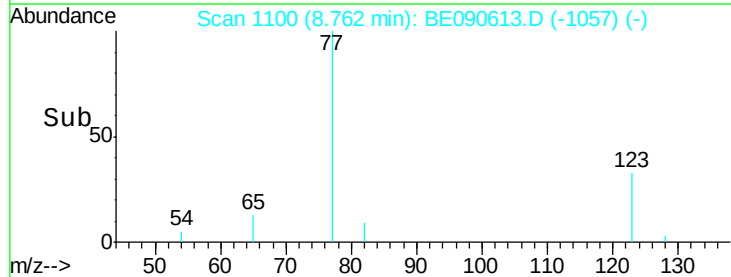
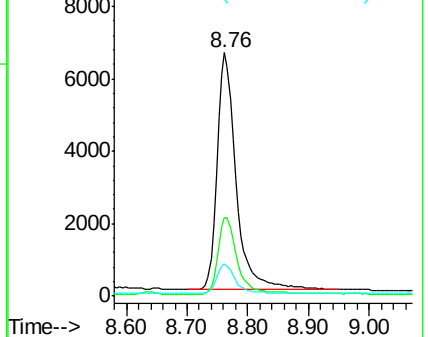
65 11.8 9.3 13.9

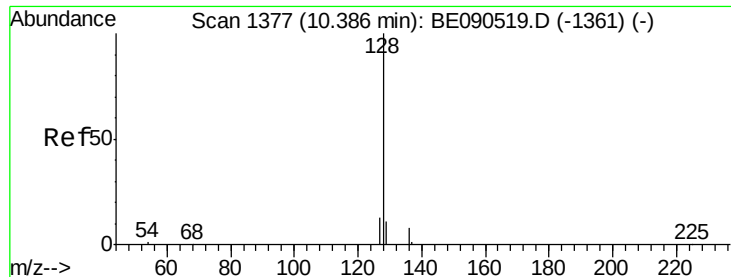


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 2.48 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

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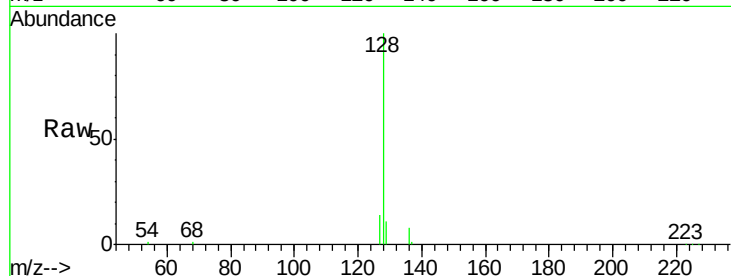
Tgt Ion:128 Resp: 39430

Ion Ratio Lower Upper

128 100

129 10.9 9.8 14.6

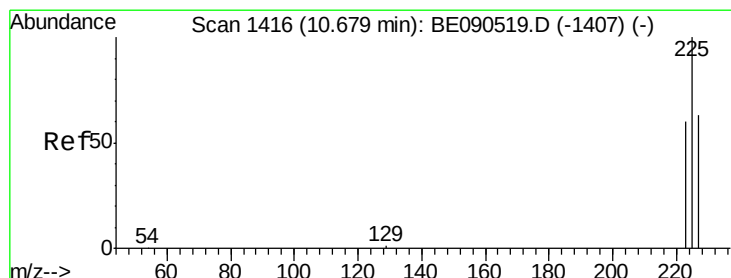
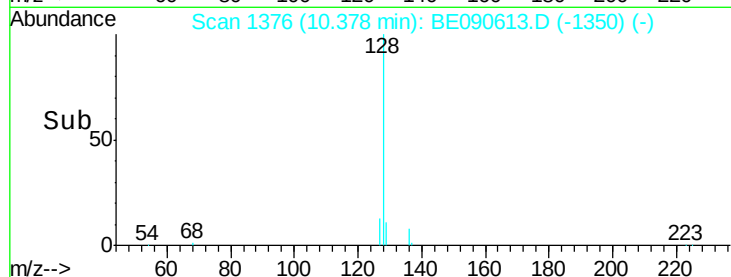
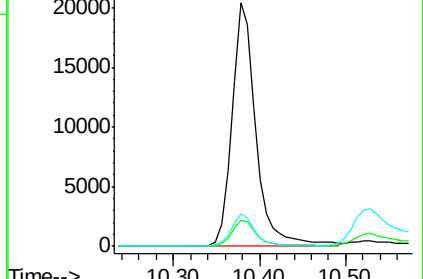
127 13.6 10.6 16.0



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: 2.54 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

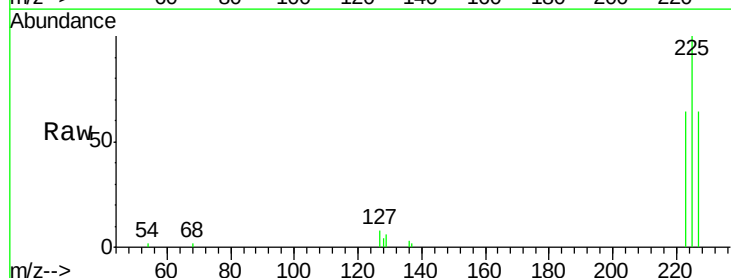
Tgt Ion:225 Resp: 5935

Ion Ratio Lower Upper

225 100

223 62.5 50.6 75.8

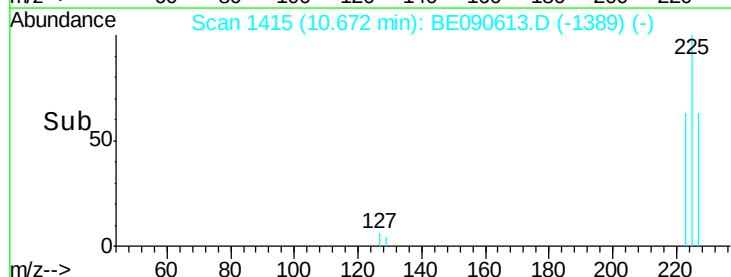
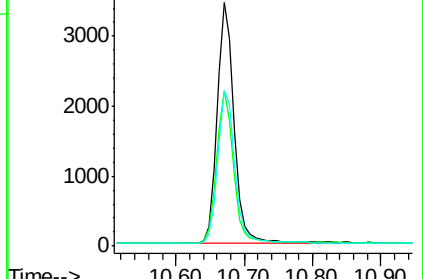
227 63.9 50.7 76.1

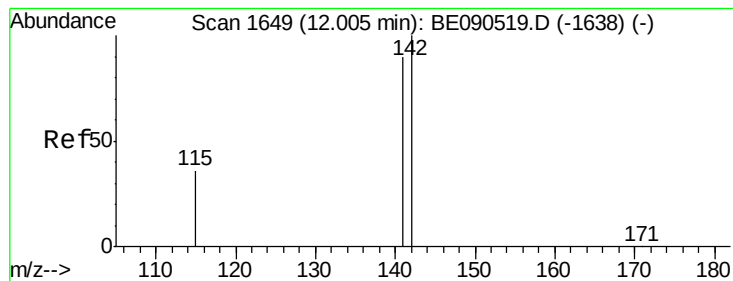


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 2.57 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

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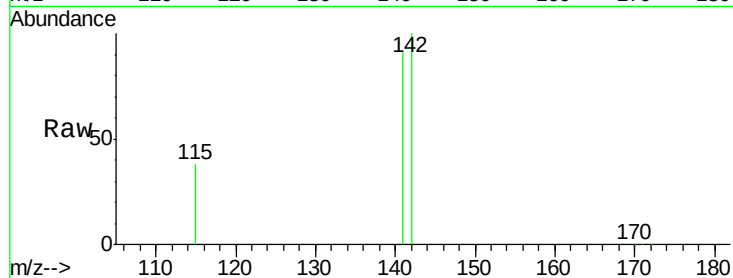
Tgt Ion:142 Resp: 26670

Ion Ratio Lower Upper

142 100

141 90.7 72.6 109.0

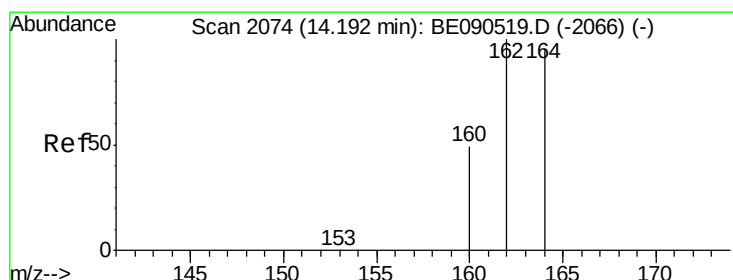
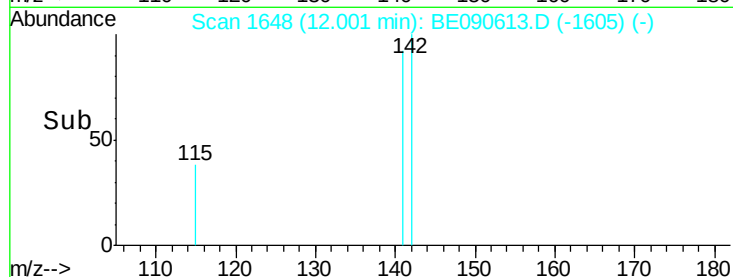
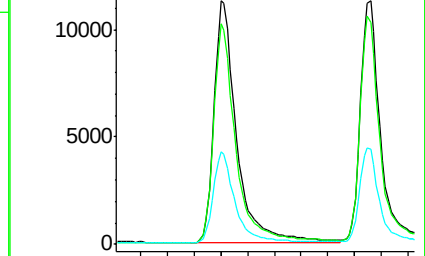
115 38.3 31.6 47.4



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: BE090613.D

Acq: 25 Aug 2015 14:53

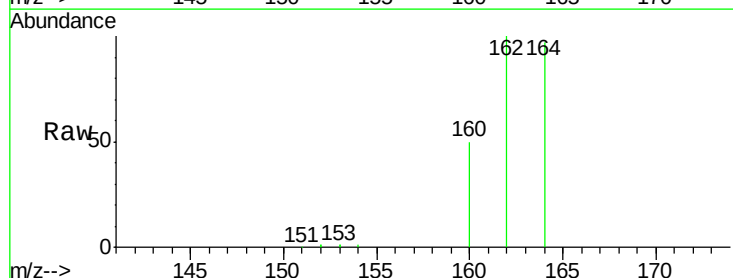
Tgt Ion:164 Resp: 40301

Ion Ratio Lower Upper

164 100

162 103.6 81.8 122.8

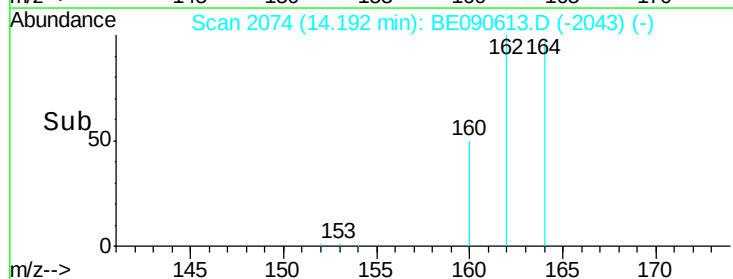
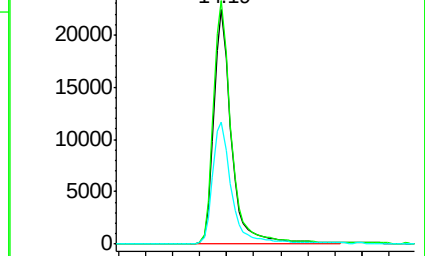
160 52.1 44.2 66.4

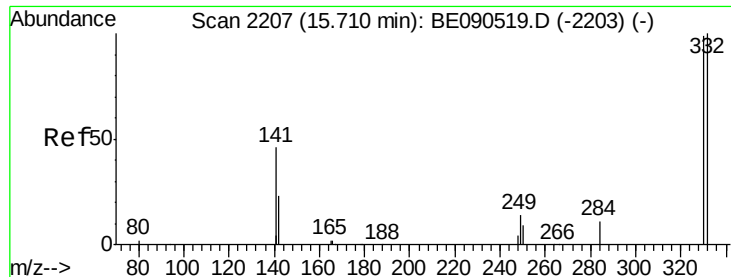


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

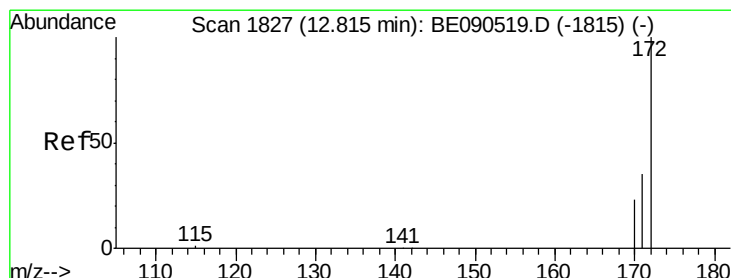
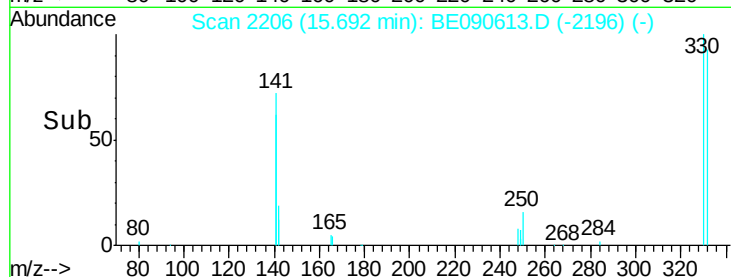
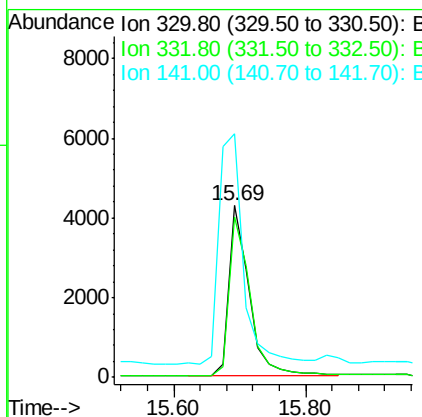
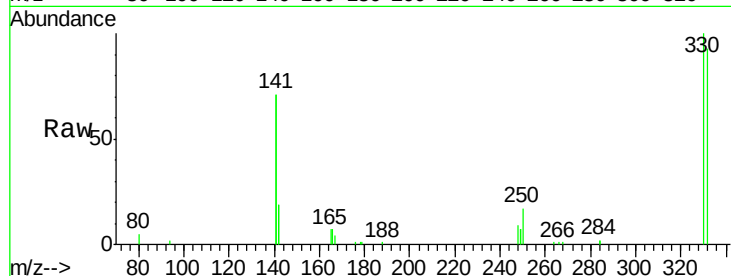




#13
 2,4,6-Tribromophenol
 Concen: 5.87 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090613.D
 Acq: 25 Aug 2015 14:53

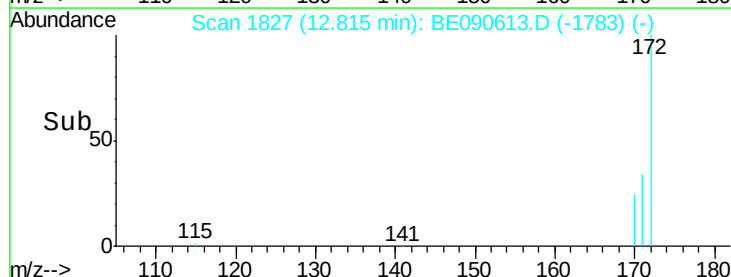
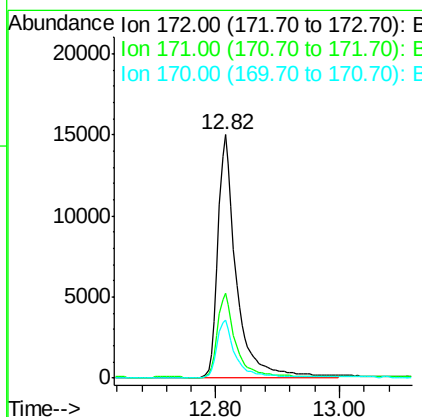
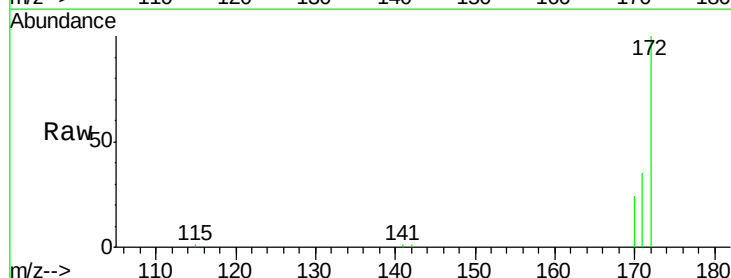
Instrument :
 BNA_E
 ClientSampleId :
 PB85167BSD

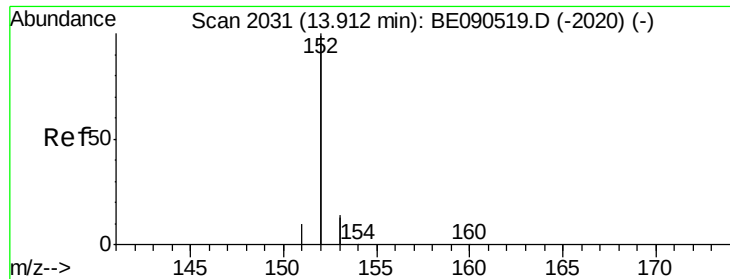
Tgt Ion:330 Resp: 9109
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 163.4 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 2.57 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090613.D
 Acq: 25 Aug 2015 14:53

Tgt Ion:172 Resp: 30959
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.9 19.8 29.8





#15

Acenaphthylene

Concen: 2.56 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

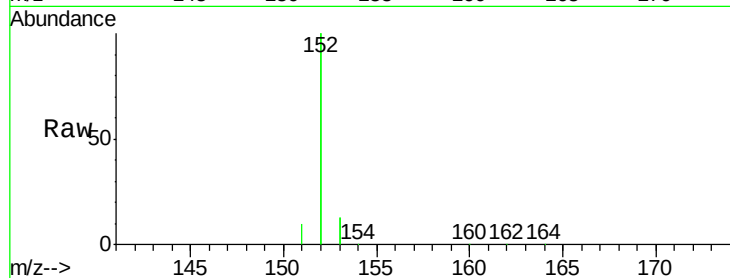
Tgt Ion:152 Resp: 188254

Ion Ratio Lower Upper

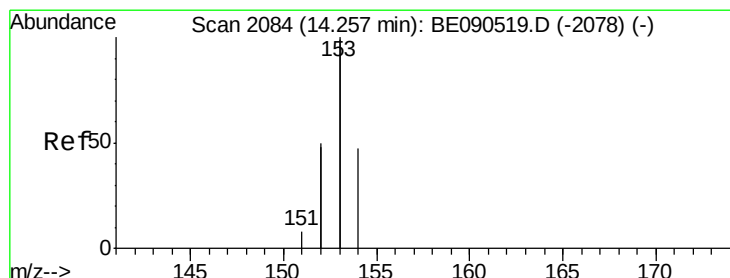
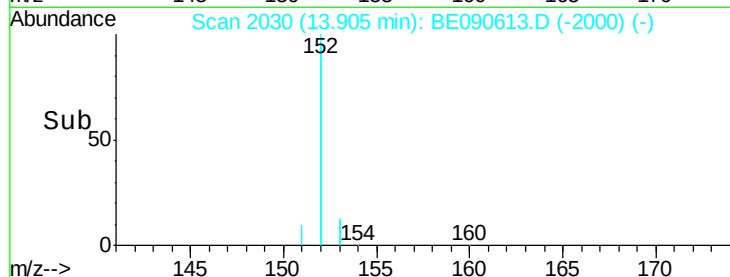
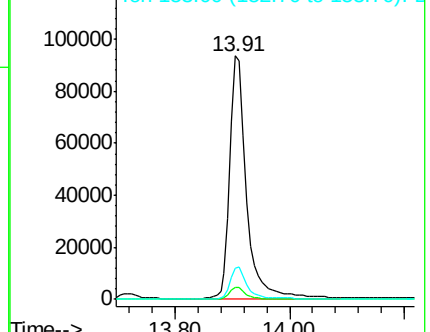
152 100

151 4.8 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: 2.71 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

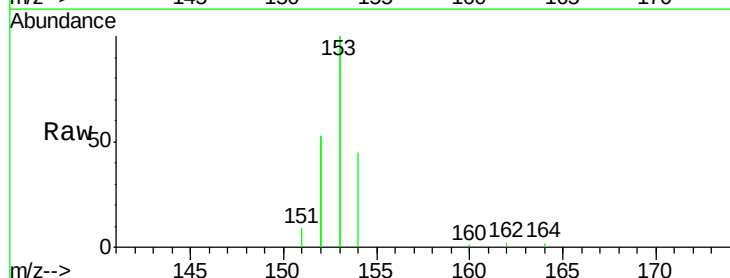
Tgt Ion:154 Resp: 30056

Ion Ratio Lower Upper

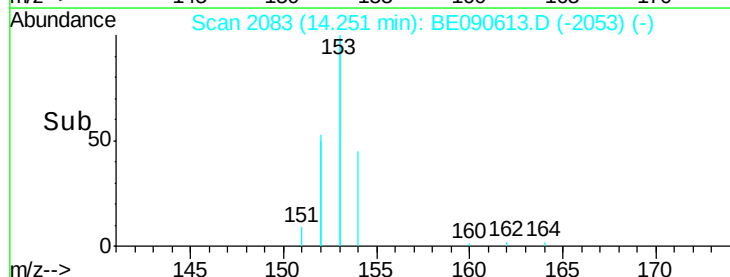
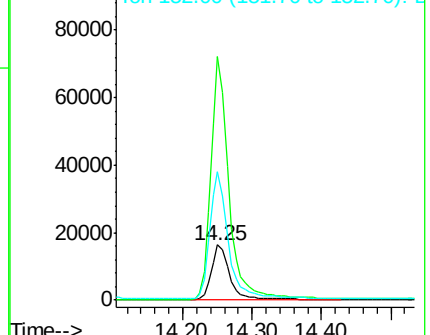
154 100

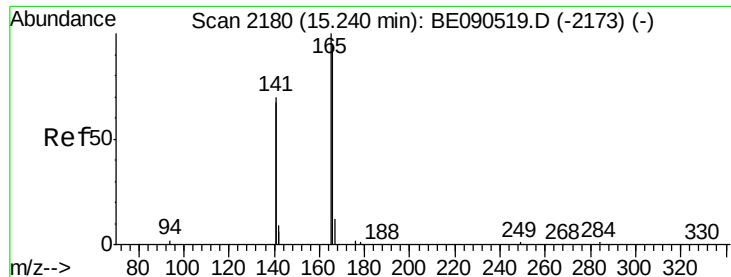
153 424.6 376.2 564.2

152 225.2 235.0 352.4#



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: 2.88 ng

RT: 15.24 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

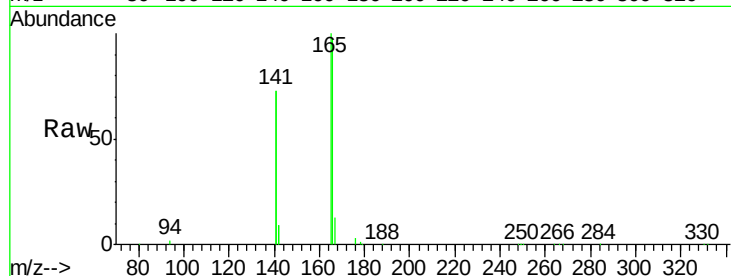
Tgt Ion:166 Resp: 39092

Ion Ratio Lower Upper

166 100

165 99.6 81.5 122.3

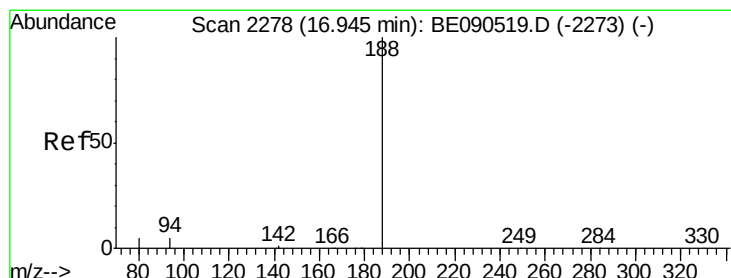
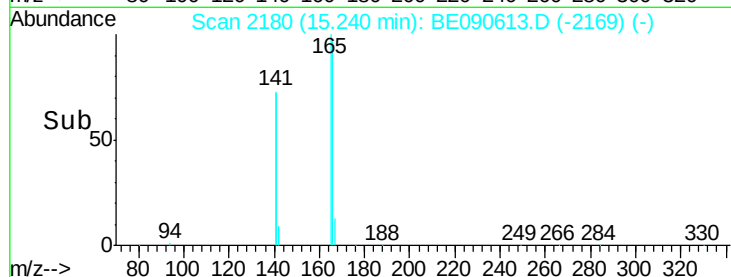
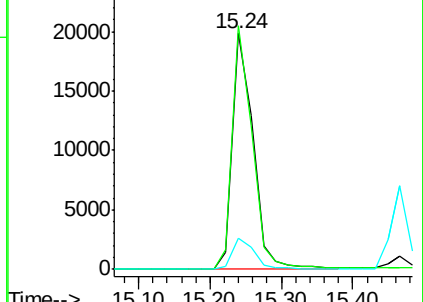
167 13.7 11.4 17.0



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: 16.93 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

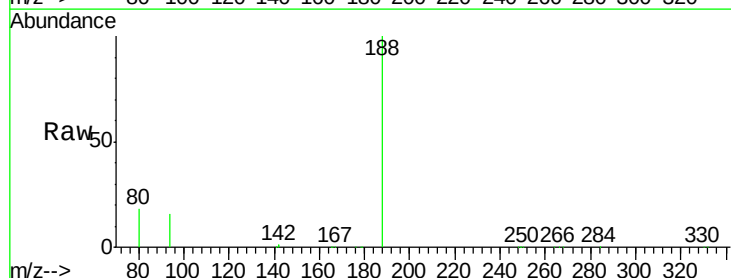
Tgt Ion:188 Resp: 101290

Ion Ratio Lower Upper

188 100

94 15.9 5.7 8.5#

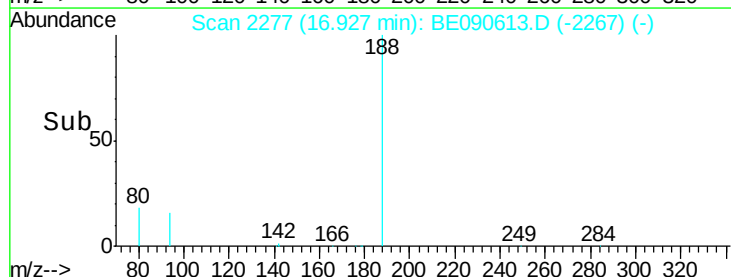
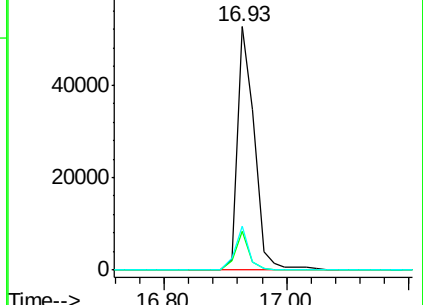
80 17.8 5.8 8.8#

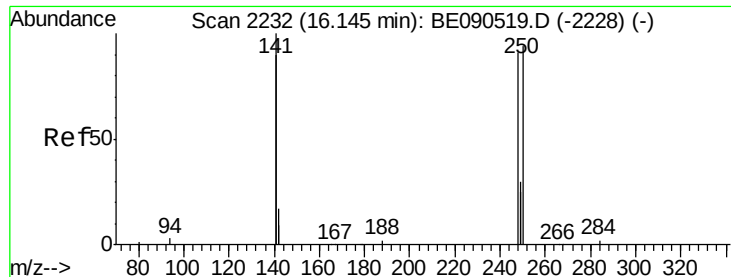


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

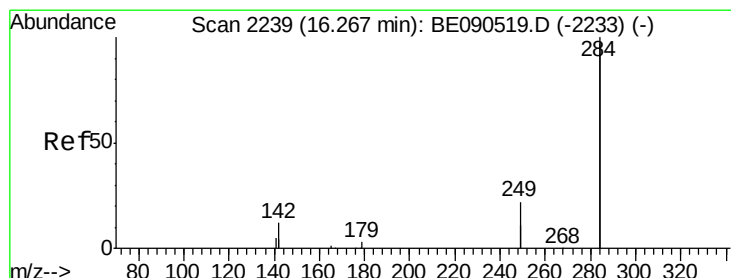
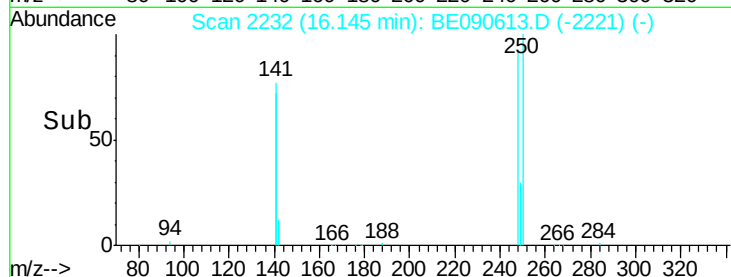
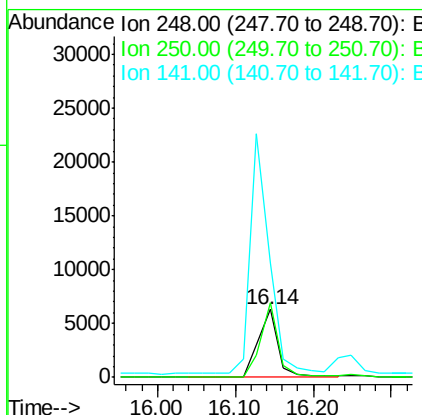
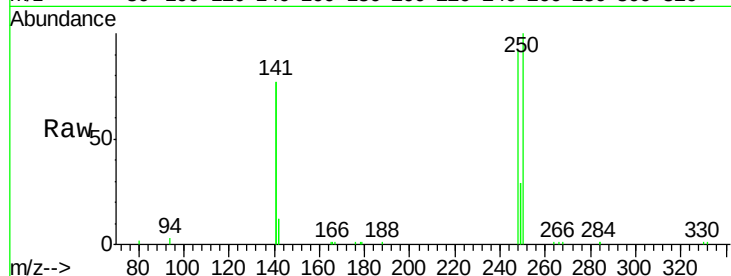




#19
4-Bromophenyl-phenylether
Concen: 2.65 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090613.D
Acq: 25 Aug 2015 14:53

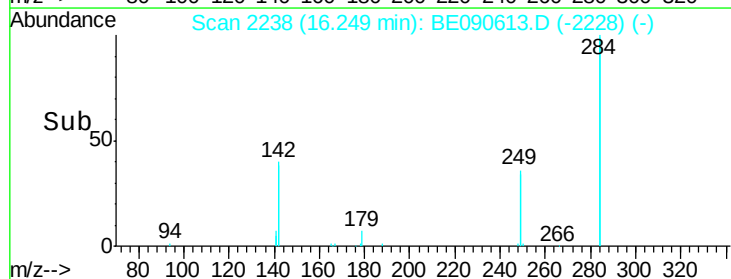
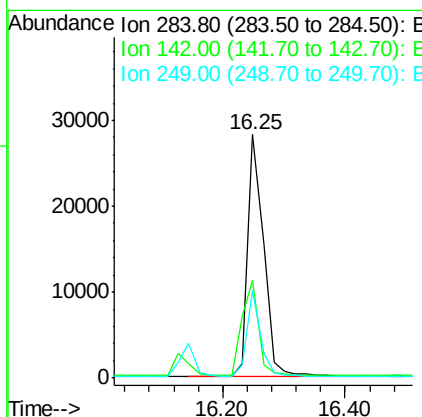
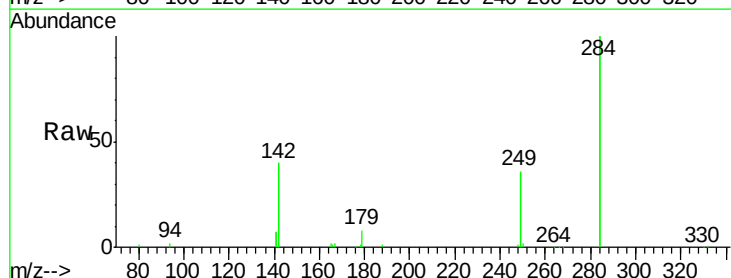
Instrument :
BNA_E
ClientSampleId :
PB85167BSD

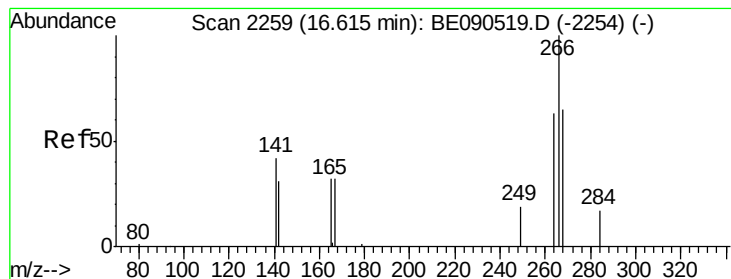
Tgt Ion:248 Resp: 10988
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.6
141 344.2 239.5 359.3



#20
Hexachlorobenzene
Concen: 2.75 ng
RT: 16.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BE090613.D
Acq: 25 Aug 2015 14:53

Tgt Ion:284 Resp: 50459
Ion Ratio Lower Upper
284 100
142 41.8 30.1 45.1
249 30.4 25.7 38.5





#21

Pentachlorophenol

Concen: 4.17 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

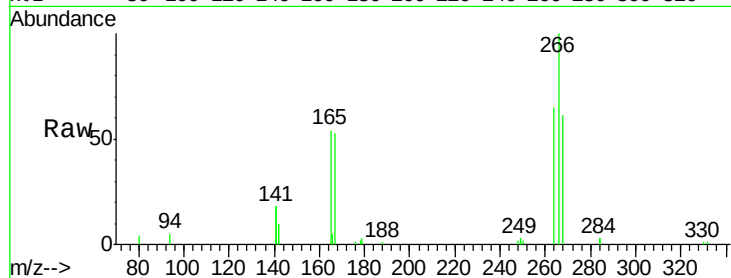
Tgt Ion:266 Resp: 9038

Ion Ratio Lower Upper

266 100

268 60.9 58.5 87.7

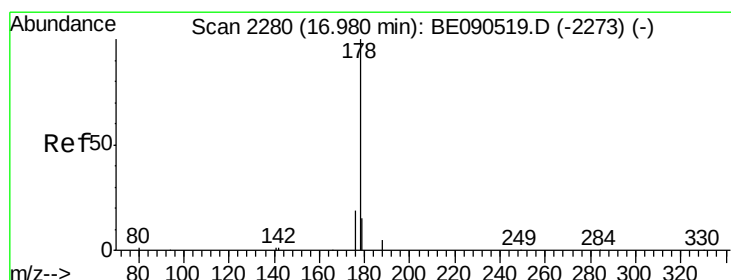
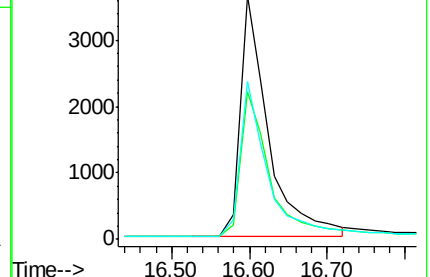
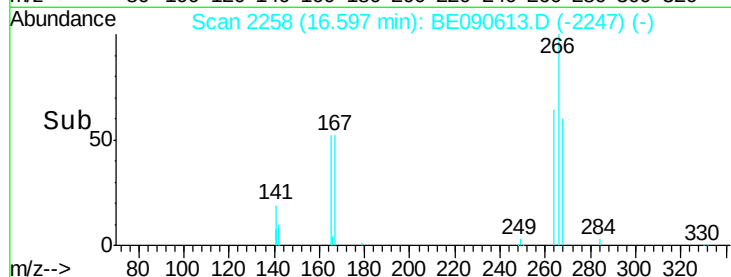
264 64.9 56.0 84.0



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: 2.72 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

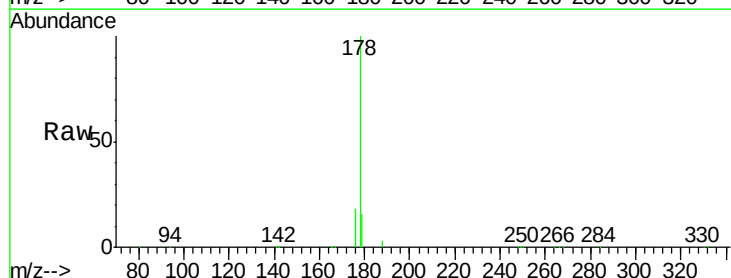
Tgt Ion:178 Resp: 72209

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

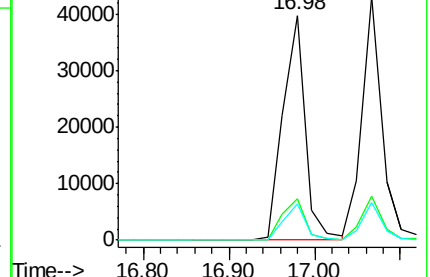
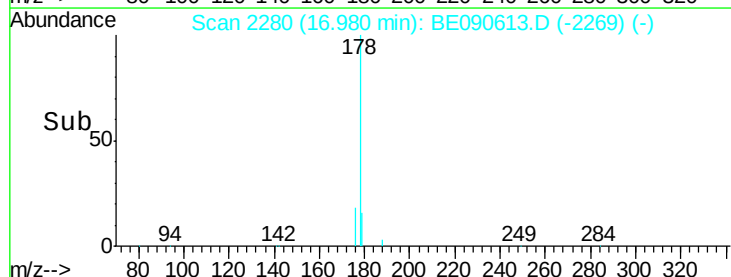
179 15.4 12.5 18.7

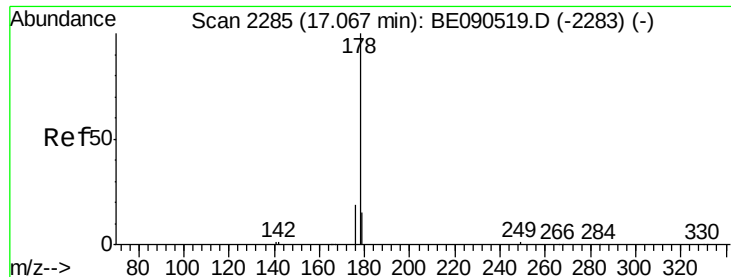


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 2.81 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

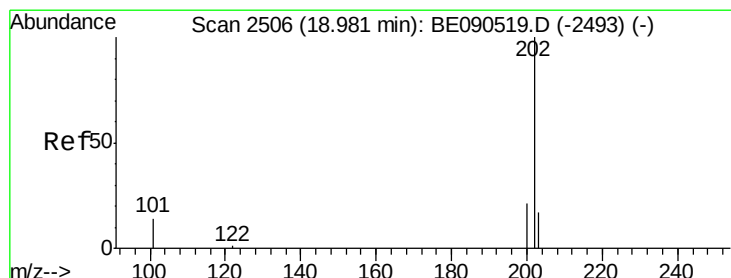
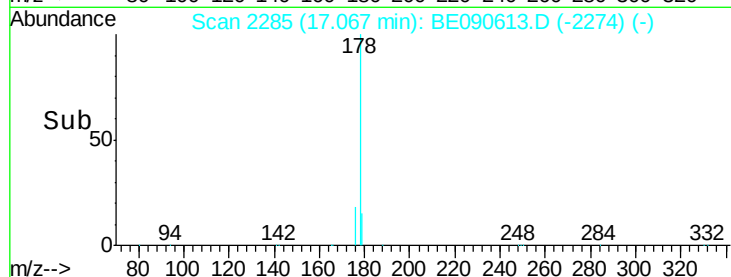
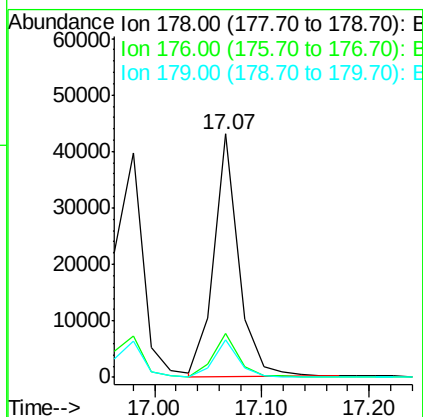
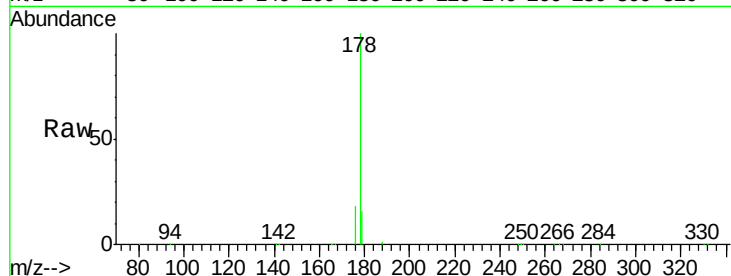
Tgt Ion:178 Resp: 68902

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 2.97 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

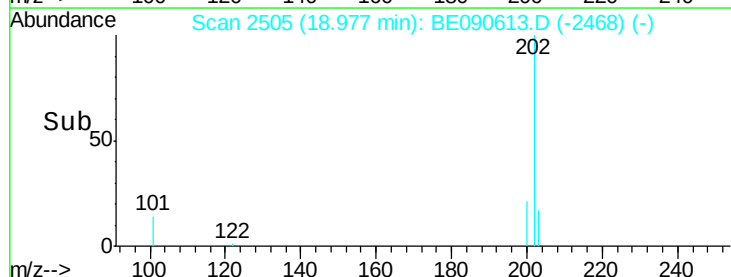
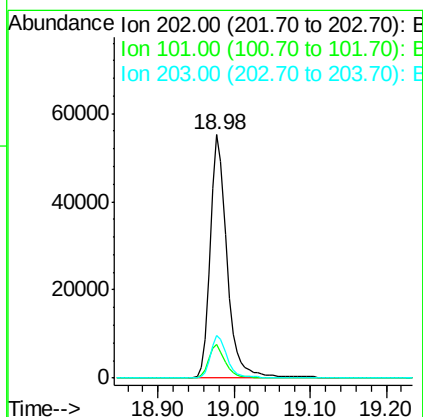
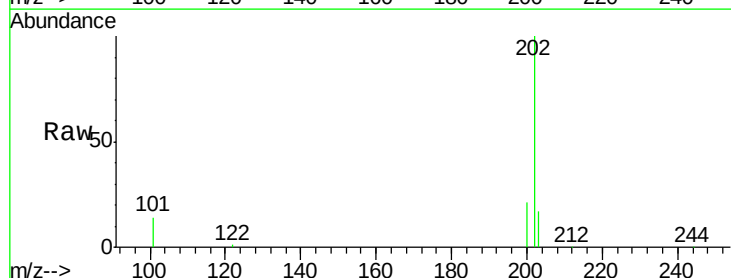
Tgt Ion:202 Resp: 84042

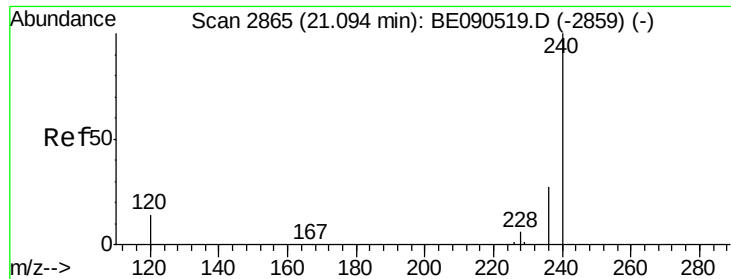
Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

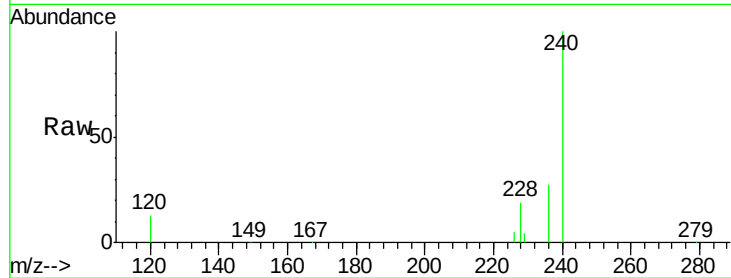
Tgt Ion:240 Resp: 119920

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

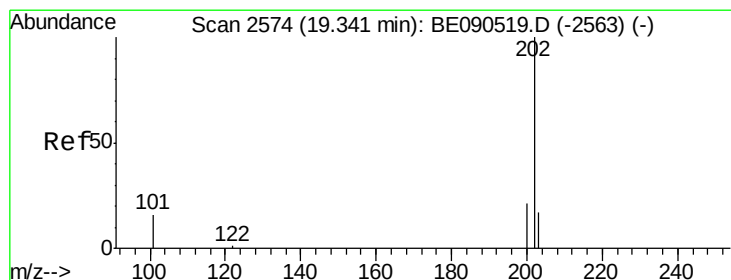
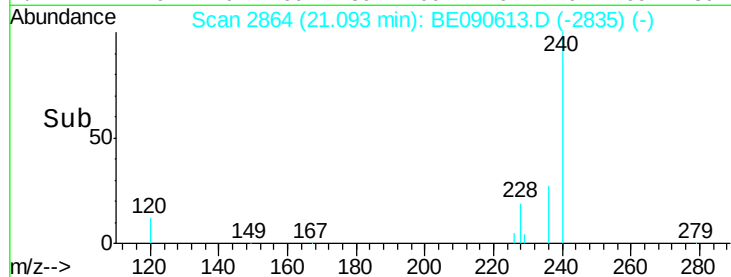
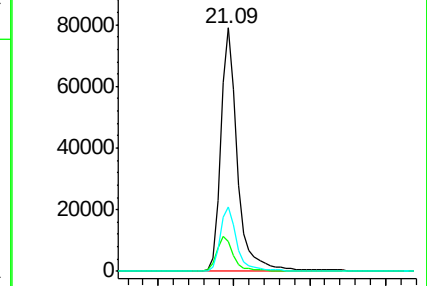
236 26.6 21.0 31.4



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: 2.67 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

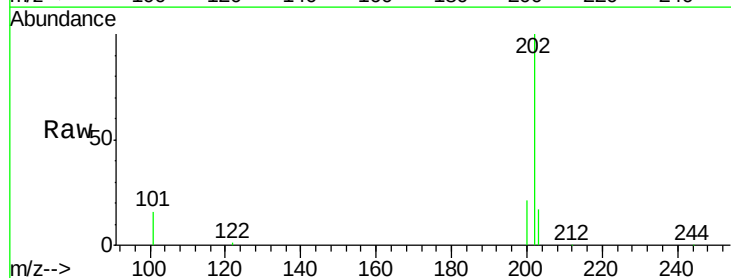
Tgt Ion:202 Resp: 91538

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

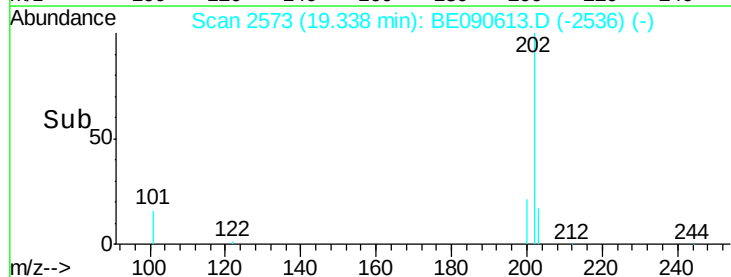
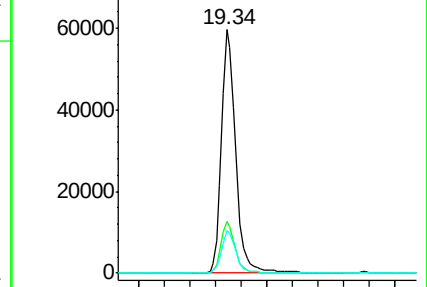
203 17.8 13.8 20.8

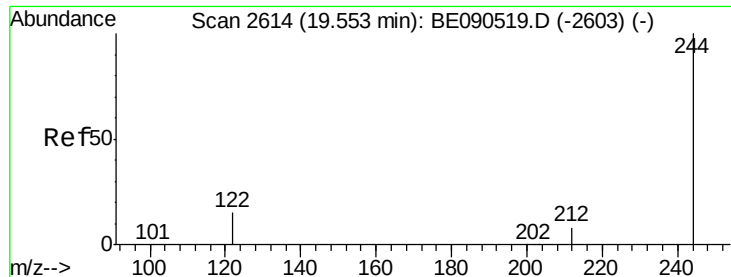


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

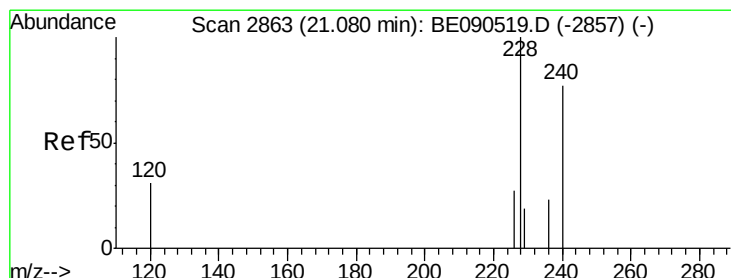
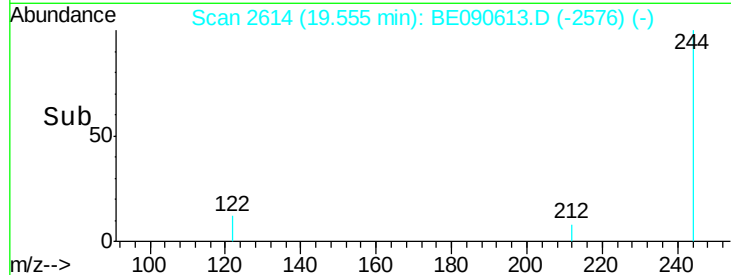
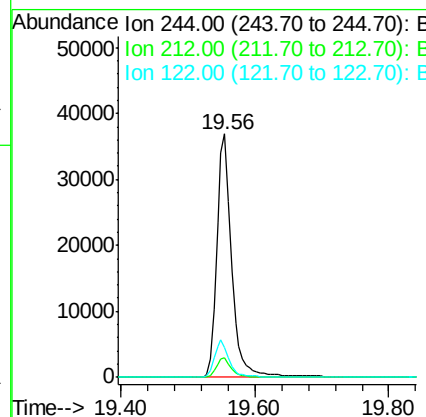
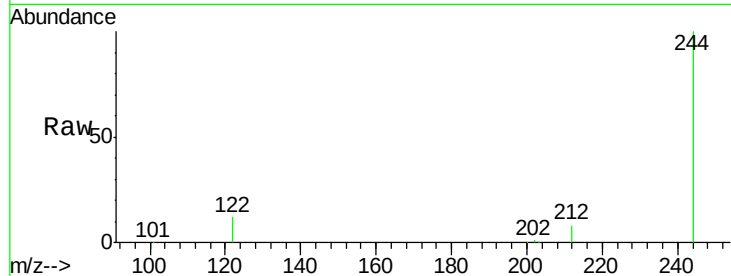




#27
 Terphenyl-d14
 Concen: 2.56 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090613.D
 Acq: 25 Aug 2015 14:53

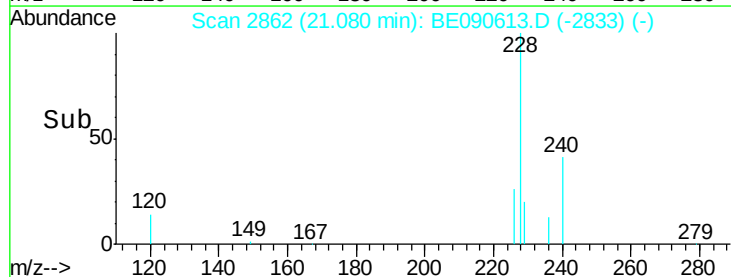
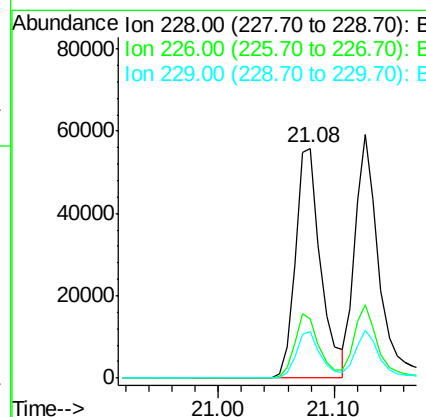
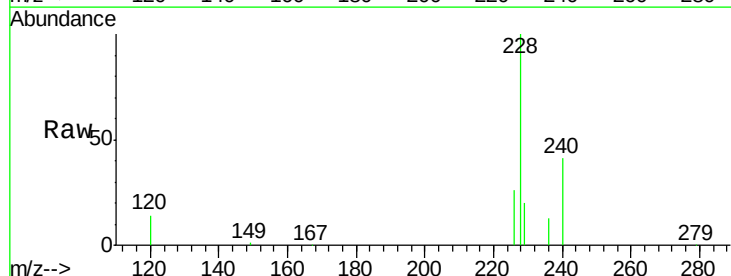
Instrument :
 BNA_E
 ClientSampleId :
 PB85167BSD

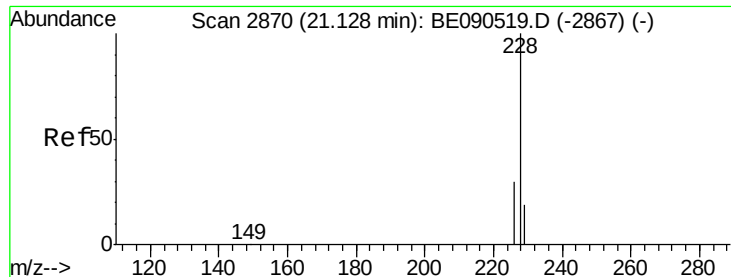
Tgt Ion:244 Resp: 56059
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.5 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 2.69 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090613.D
 Acq: 25 Aug 2015 14:53

Tgt Ion:228 Resp: 84965
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.9 32.9
 229 20.0 15.4 23.0





#29

Chrysene

Concen: 2.69 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

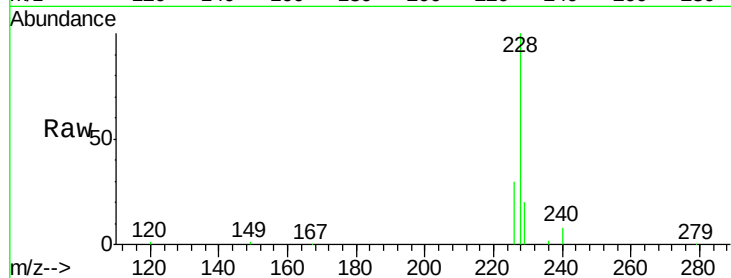
Tgt Ion:228 Resp: 86877

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

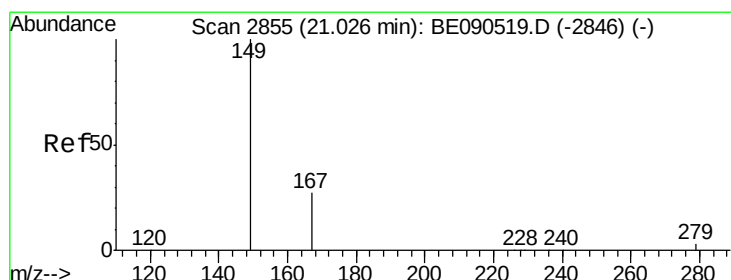
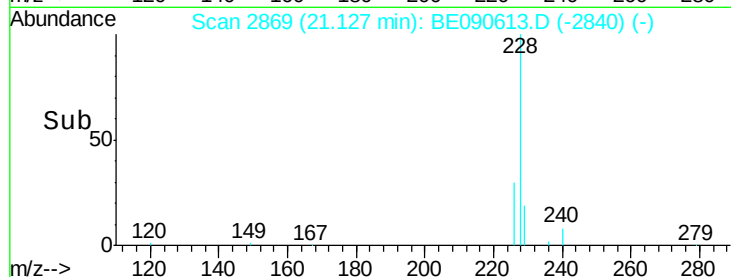
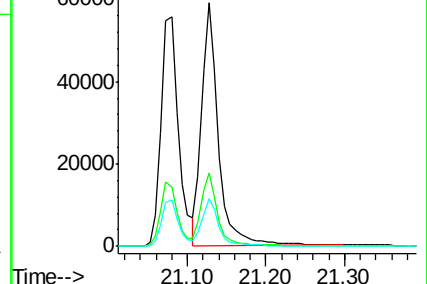
229 19.5 15.8 23.8



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: 1.90 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

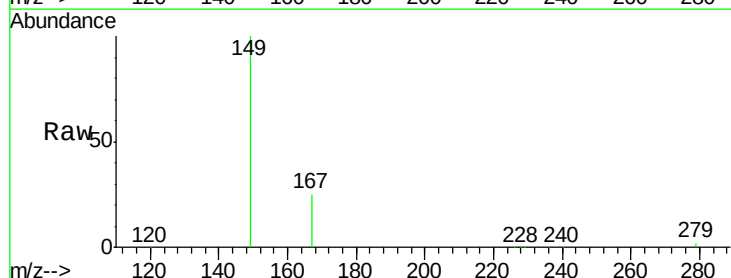
Tgt Ion:149 Resp: 34115

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

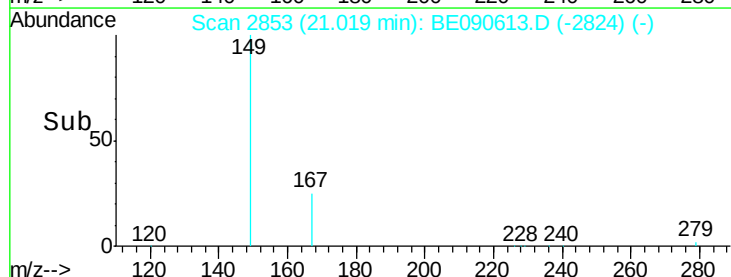
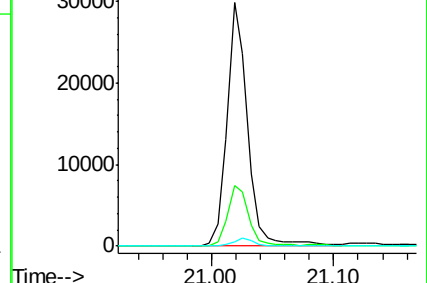
279 3.0 2.4 3.6

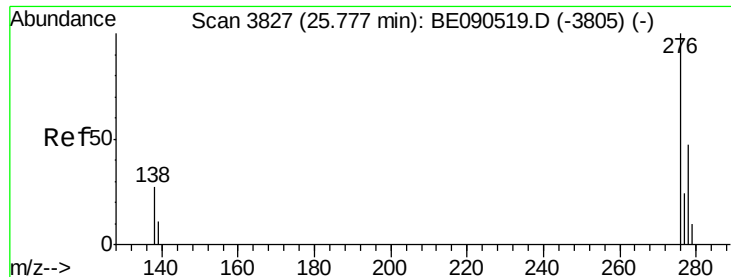


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.44 ng

RT: 25.79 min Scan# 3830

Delta R.T. 0.01 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

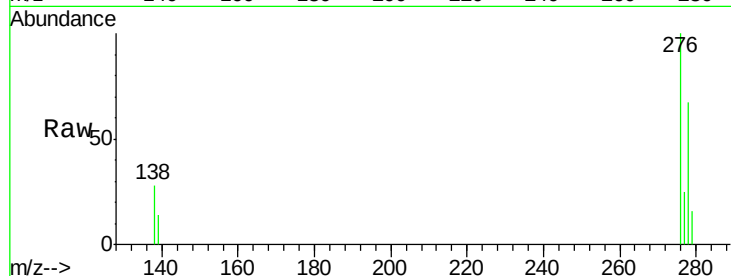
Tgt Ion:276 Resp: 74224

Ion Ratio Lower Upper

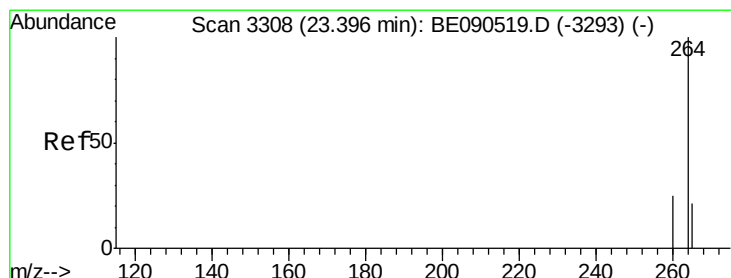
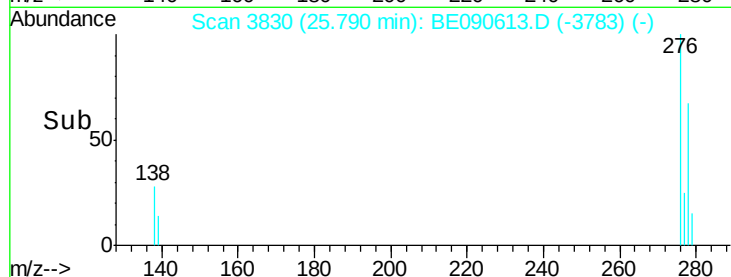
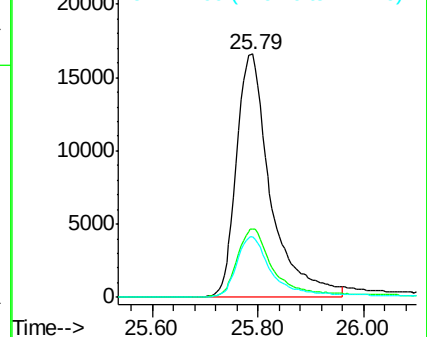
276 100

138 29.0 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# 3307

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

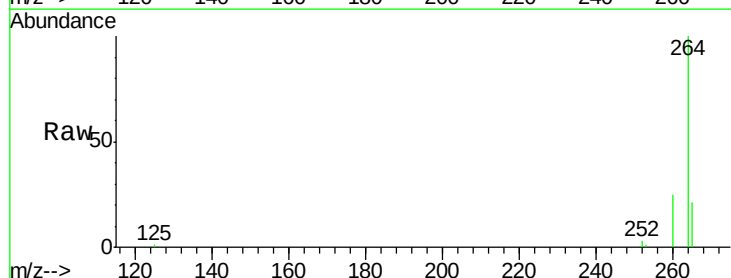
Tgt Ion:264 Resp: 101079

Ion Ratio Lower Upper

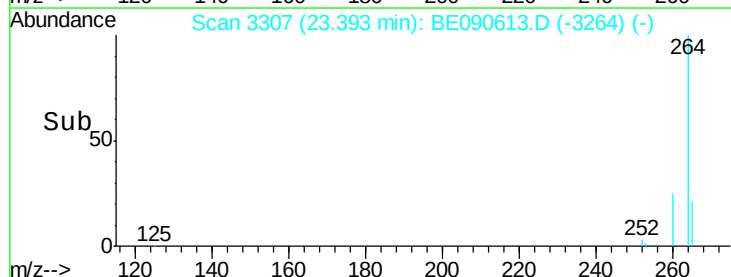
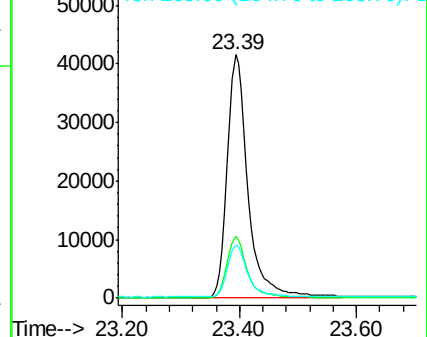
264 100

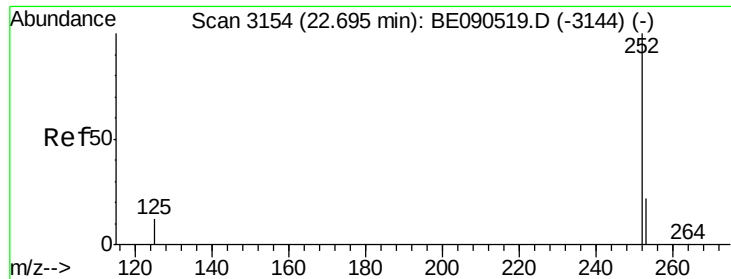
260 25.2 20.1 30.1

265 21.5 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: 2.86 ng

RT: 22.69 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

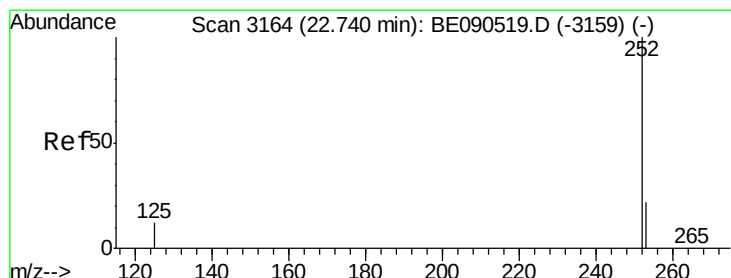
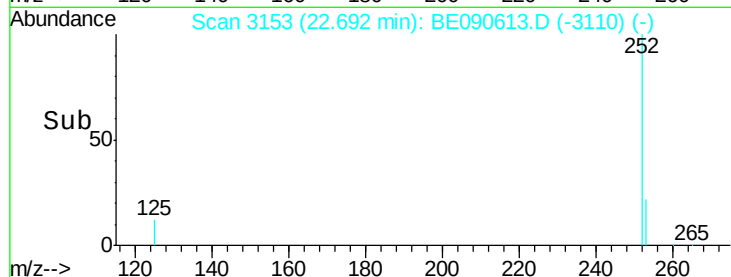
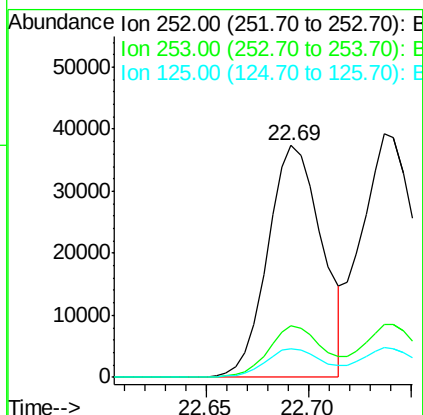
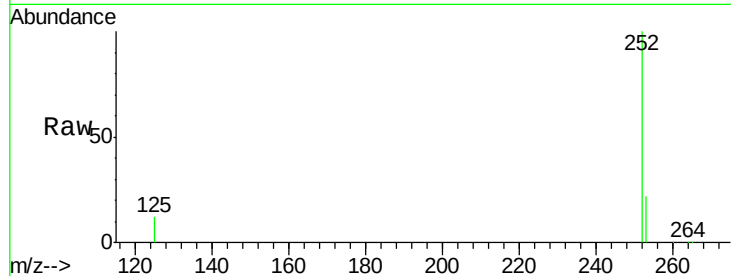
BNA_E

ClientSampleId :

PB85167BSD

Tgt Ion:252 Resp: 68495

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.4	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 3.14 ng

RT: 22.74 min Scan# 3163

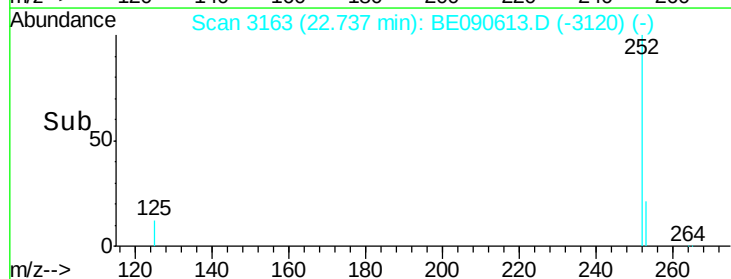
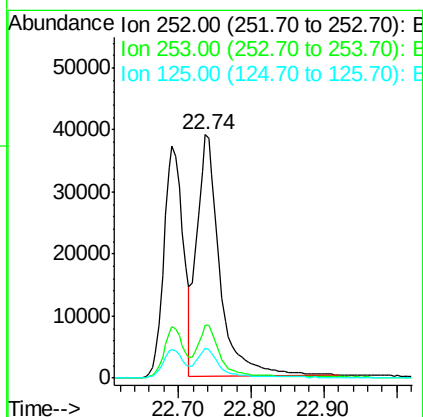
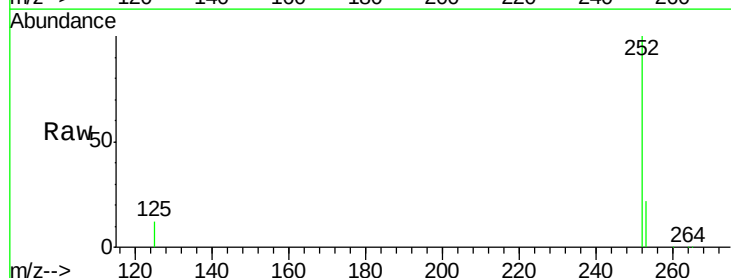
Delta R.T. -0.00 min

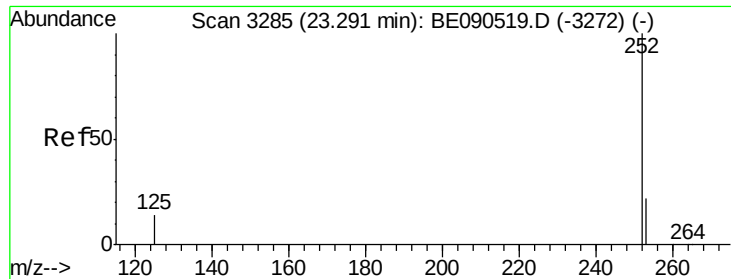
Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Tgt Ion:252 Resp: 85128

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.4	9.1	13.7





#35

Benzo(a)pyrene

Concen: 3.14 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD

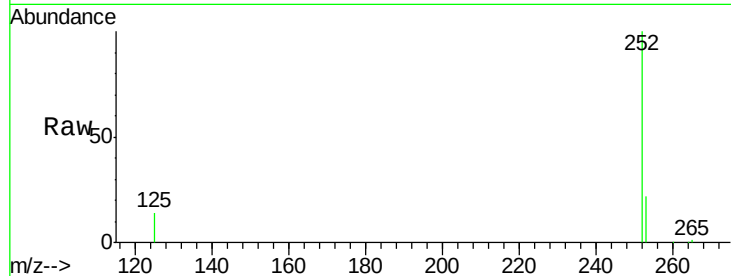
Tgt Ion: 252 Resp: 70287

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

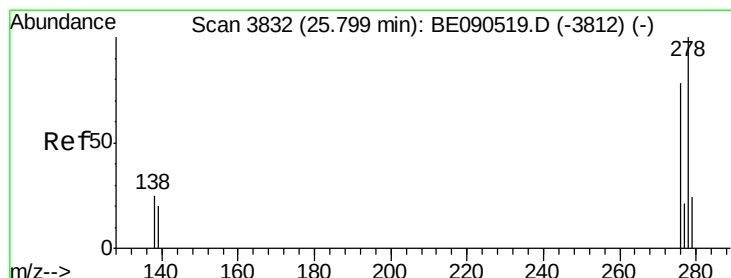
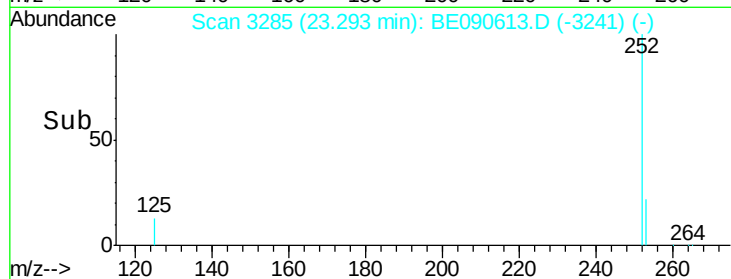
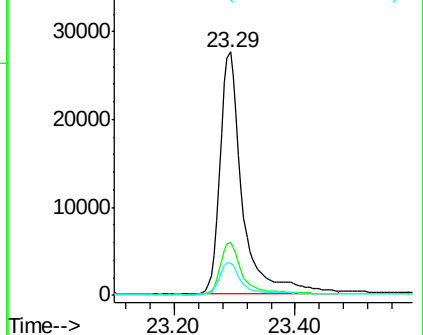
125 13.6 9.8 14.6



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: 2.71 ng

RT: 25.80 min Scan# 3833

Delta R.T. 0.00 min

Lab File: BE090613.D

Acq: 25 Aug 2015 14:53

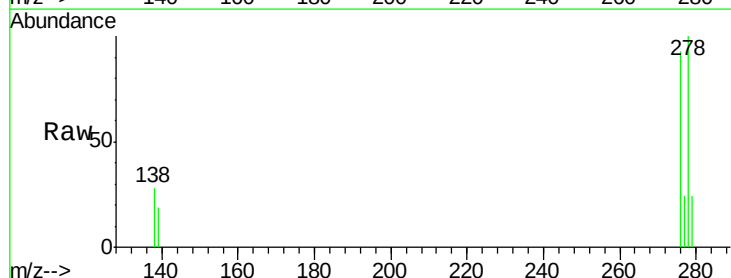
Tgt Ion: 278 Resp: 58481

Ion Ratio Lower Upper

278 100

139 18.9 14.2 21.4

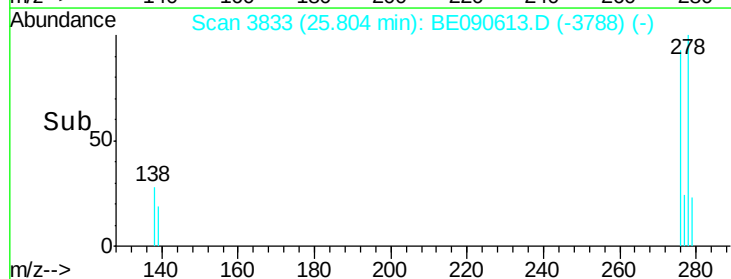
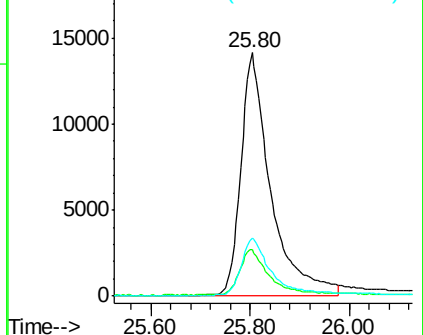
279 23.7 20.1 30.1

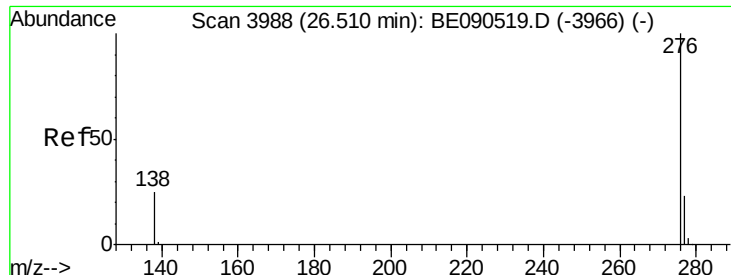


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.80 ng

RT: 26.51 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BE090613.D

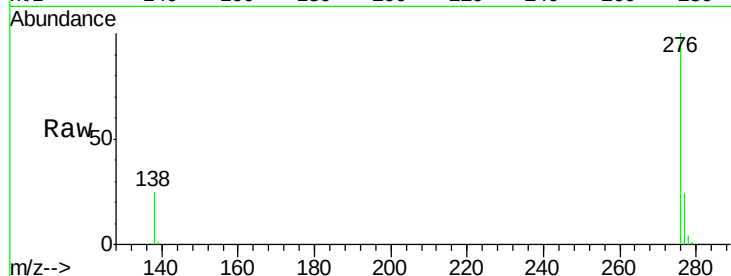
Acq: 25 Aug 2015 14:53

Instrument :

BNA_E

ClientSampleId :

PB85167BSD



Tgt Ion: 276 Resp: 66185

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

