

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090480.D
 Acq On : 12 Aug 2015 22:57
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:22:31 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	21284	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	101805	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61613	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147303	5.00	ng	0.00
25) Chrysene-d12	21.09	240	161833	5.00	ng	0.00
32) Perylene-d12	23.40	264	145520	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4532	1.42	ng	0.00
5) Phenol-d6	6.77	99	7071	1.24	ng	0.00
7) Nitrobenzene-d5	8.73	82	6978	1.01	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1614	1.47	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	17405	1.03	ng	0.00
27) Terphenyl-d14	19.55	244	26092	1.09	ng	-0.01

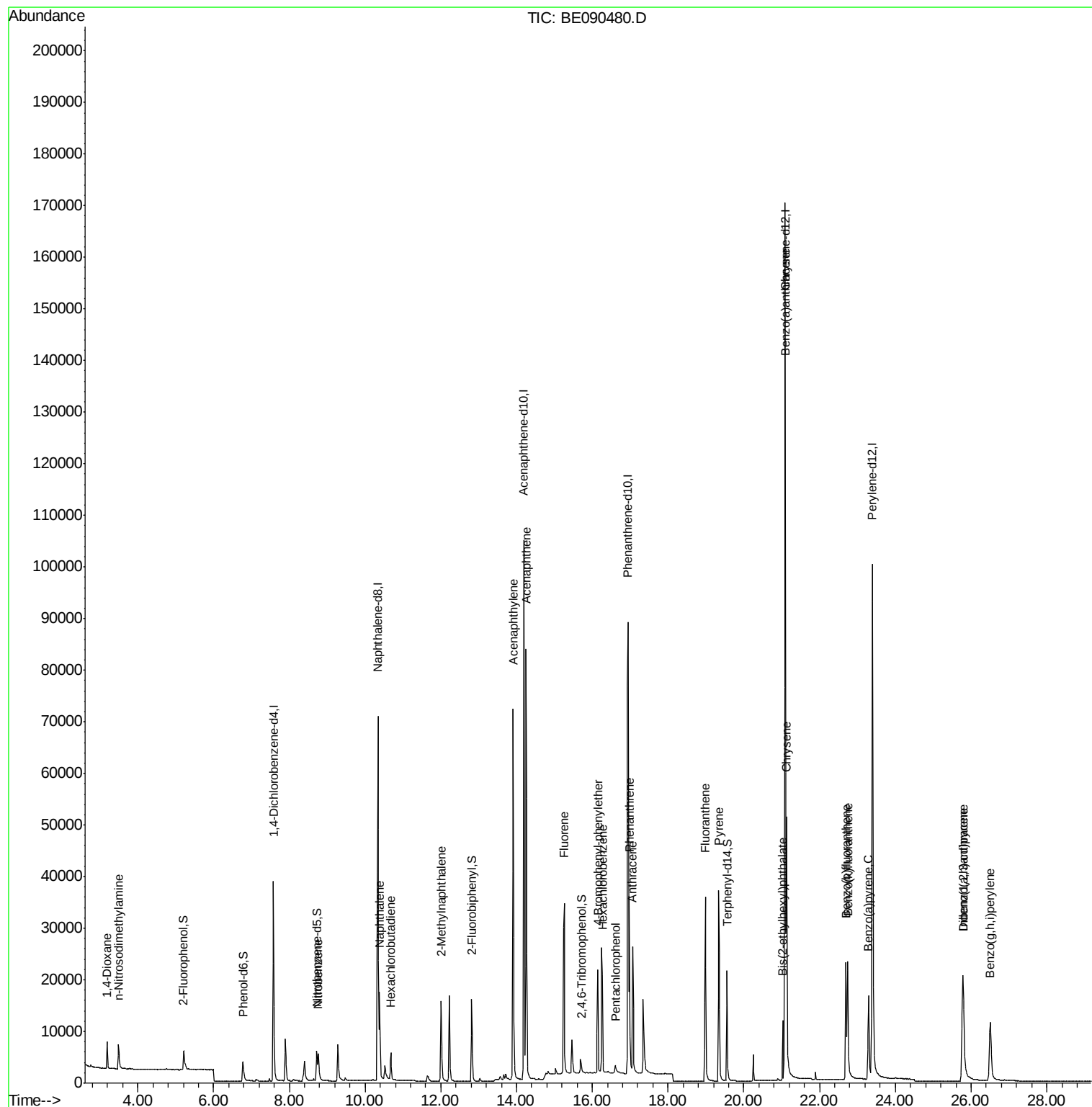
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.20	88	2867	1.03	ng	97
3) n-Nitrosodimethylamine	3.49	42	3473	1.05	ng	84
8) Nitrobenzene	8.77	77	7389	1.01	ng	100
9) Naphthalene	10.38	128	22850	1.02	ng	98
10) Hexachlorobutadiene	10.68	225	3865	1.08	ng	99
11) 2-Methylnaphthalene	12.01	142	14058	1.08	ng	97
15) Acenaphthylene	13.91	152	102357	1.03	ng	100
16) Acenaphthene	14.26	154	15531	1.00	ng	94
17) Fluorene	15.26	166	20755	1.03	ng	99
19) 4-Bromophenyl-phenylether	16.14	248	5566	0.97	ng	89
20) Hexachlorobenzene	16.27	284	27621	0.93	ng	98
21) Pentachlorophenol	16.61	266	1357	1.32	ng	95
22) Phenanthrene	16.98	178	36353	0.99	ng	99
23) Anthracene	17.07	178	32491	1.07	ng	100
24) Fluoranthene	18.98	202	36916	1.02	ng	100
26) Pyrene	19.34	202	38309	1.09	ng	100
28) Benzo(a)anthracene	21.08	228	37932	1.06	ng	99
29) Chrysene	21.13	228	42160	0.97	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	9854	1.16	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	34043	1.08	ng	95
33) Benzo(b)fluoranthene	22.70	252	30424	1.08	ng	99
34) Benzo(k)fluoranthene	22.74	252	36679	0.91	ng	99
35) Benzo(a)pyrene	23.29	252	27165	1.06	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	25751	1.08	ng	99
37) Benzo(g,h,i)perylene	26.51	276	28930	1.08	ng	97

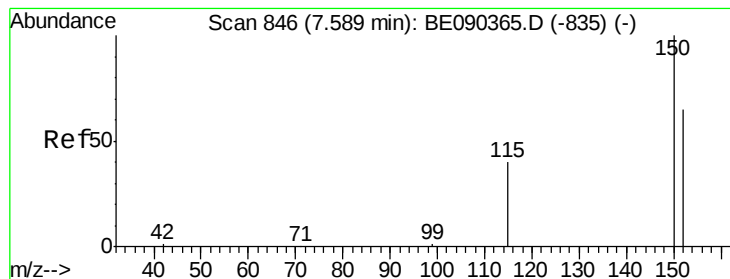
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 13 01:22:31 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
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QLast Update : Thu Aug 06 12:28:08 2015
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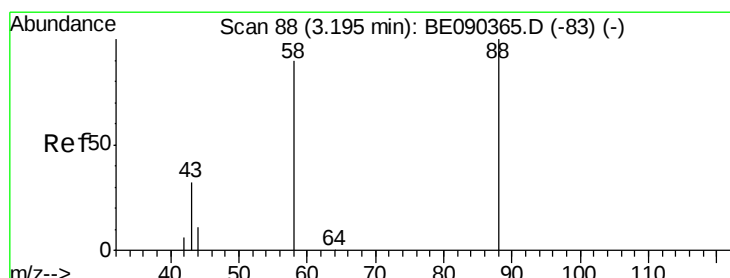
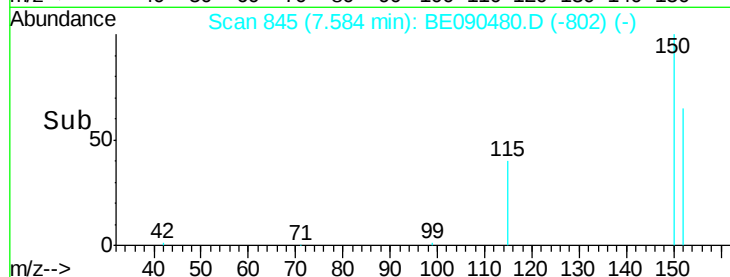
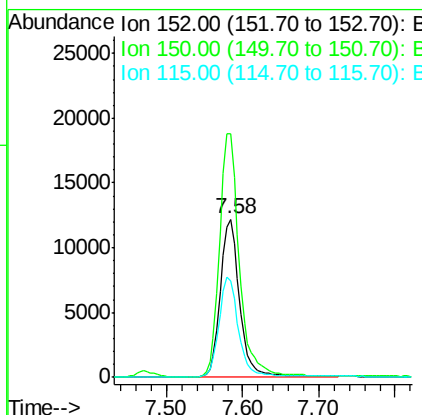
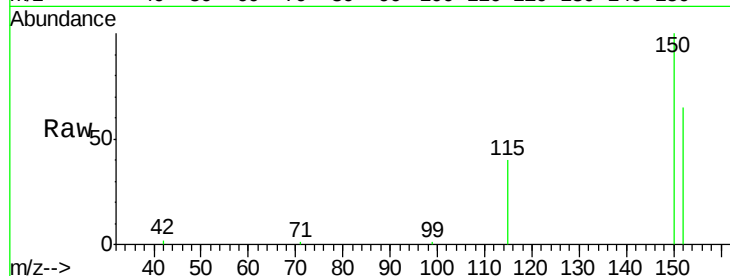




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

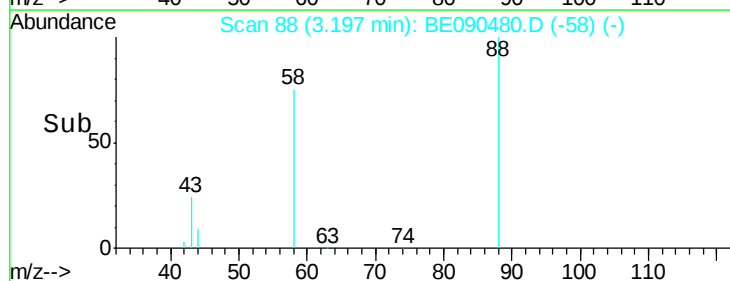
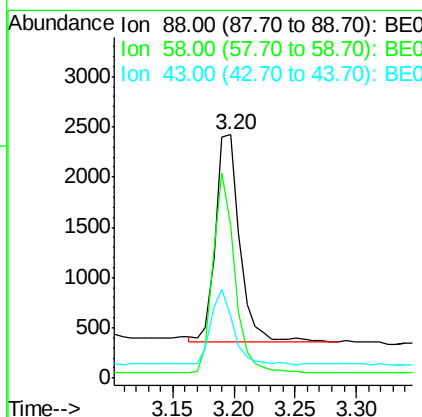
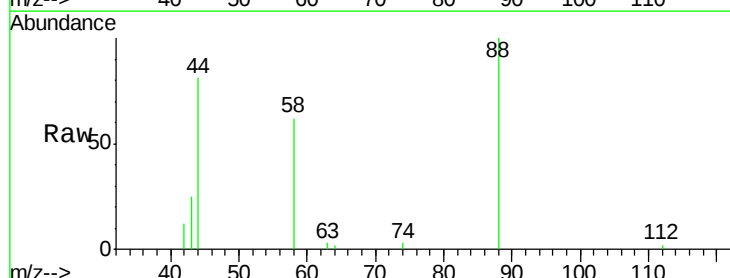
Instrument :
 BNA_E
 ClientSampleId :

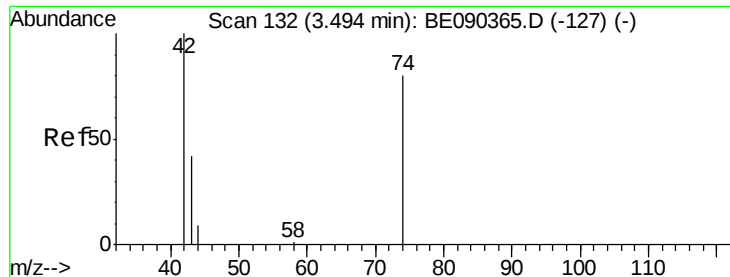
Tot Ion:152 Resp: 21284
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.0 184.4
 115 61.2 48.9 73.3



#2
 1,4-Dioxane
 Concen: 1.03 ng
 RT: 3.20 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Tgt Ion: 88 Resp: 2867
 Ion Ratio Lower Upper
 88 100
 58 85.4 70.0 105.0
 43 32.6 28.4 42.6



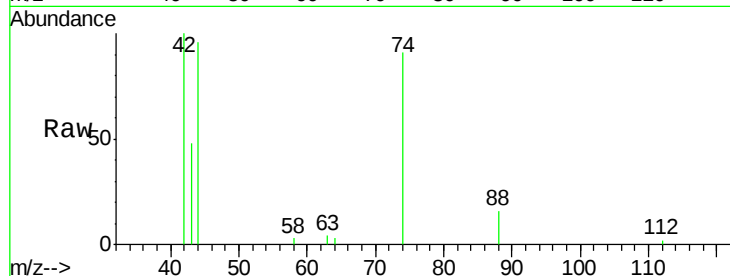


#3

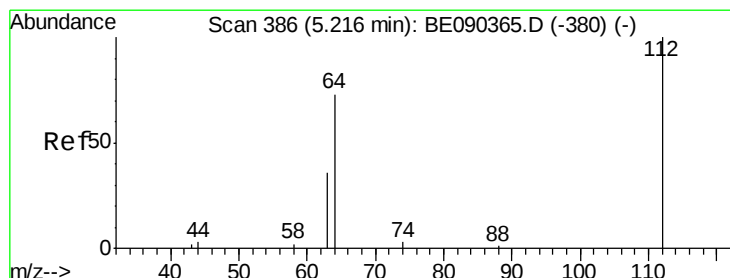
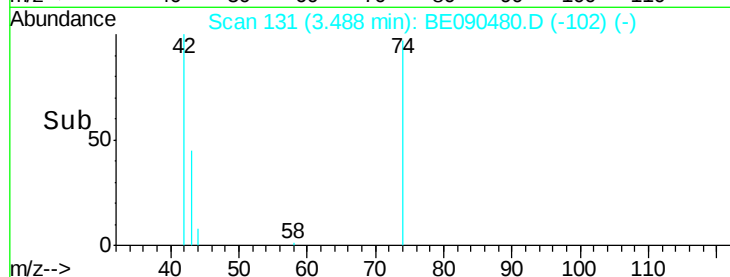
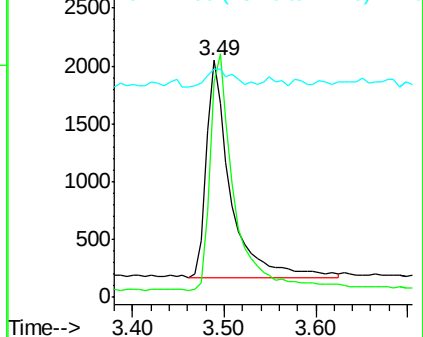
n-Nitrosodimethylamine
 Concen: 1.05 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 3473
 Ion Ratio Lower Upper
 42 100
 74 110.9 75.2 112.8
 44 9.3 8.7 13.1



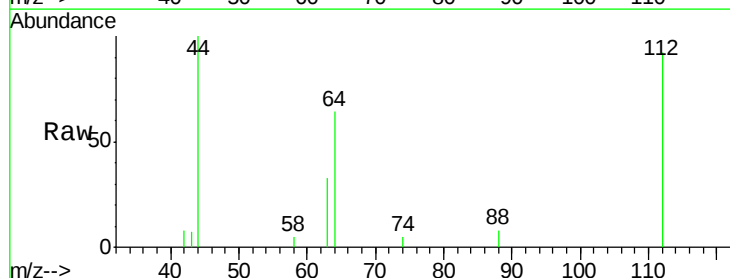
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



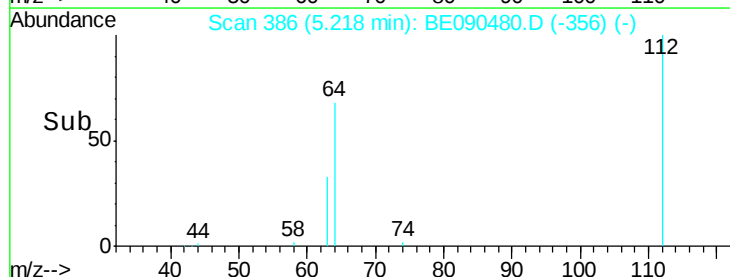
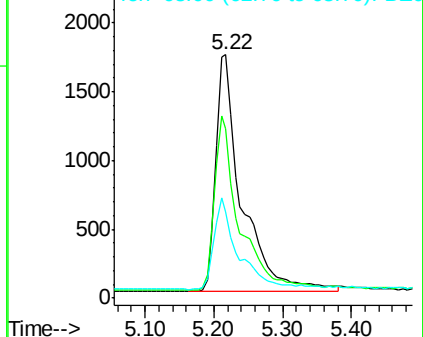
#4

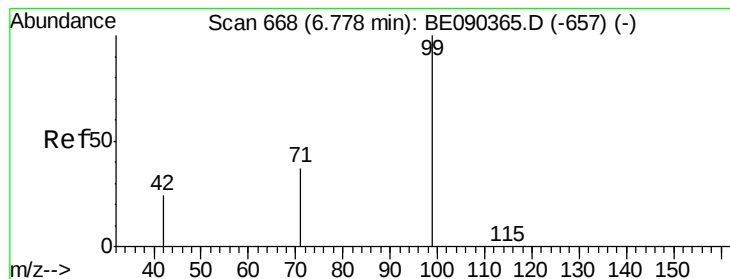
2-Fluorophenol
 Concen: 1.42 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Tgt Ion: 112 Resp: 4532
 Ion Ratio Lower Upper
 112 100
 64 71.0 37.1 55.7#
 63 37.2 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: 1.24 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

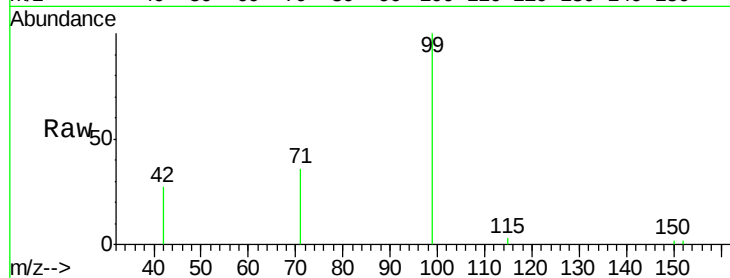
Tot Ion: 99 Resp: 7071

Ion Ratio Lower Upper

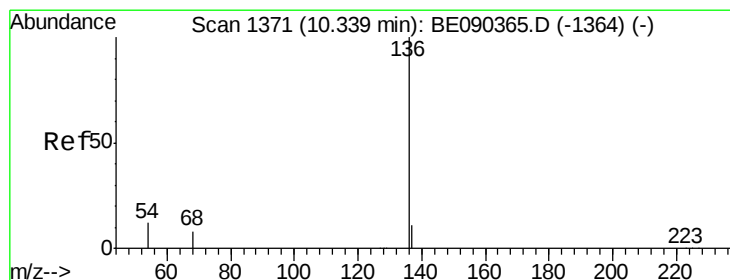
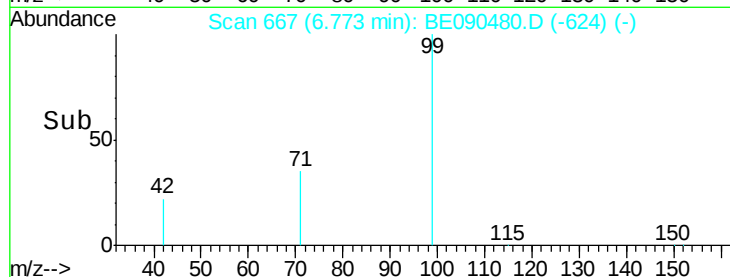
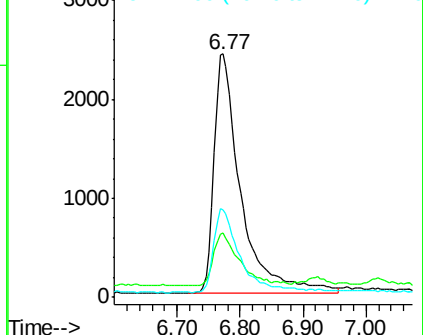
99 100

42 22.0 18.2 27.4

71 34.5 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: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Tgt Ion: 136 Resp: 101805

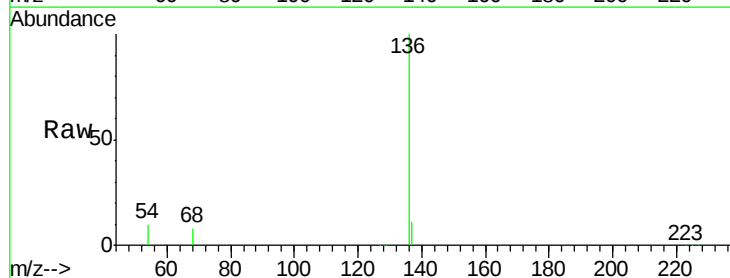
Ion Ratio Lower Upper

136 100

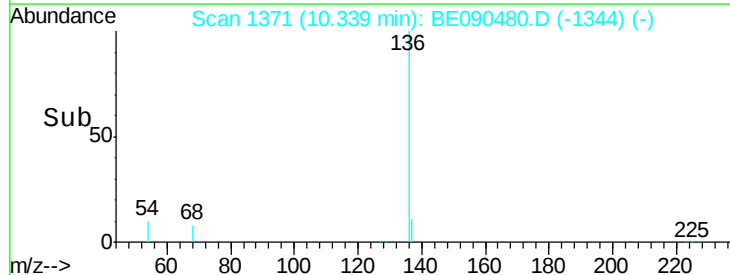
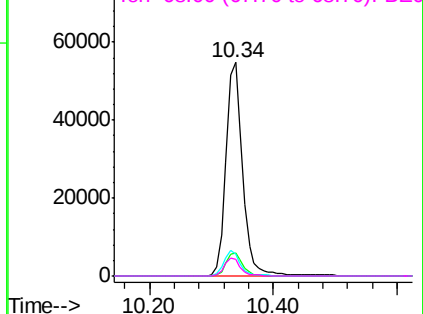
137 11.0 8.7 13.1

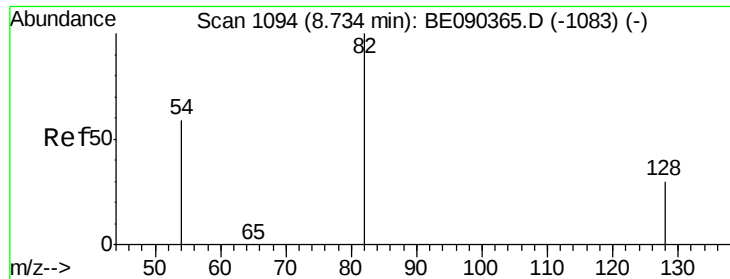
54 10.4 9.4 14.0

68 7.7 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: 1.01 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

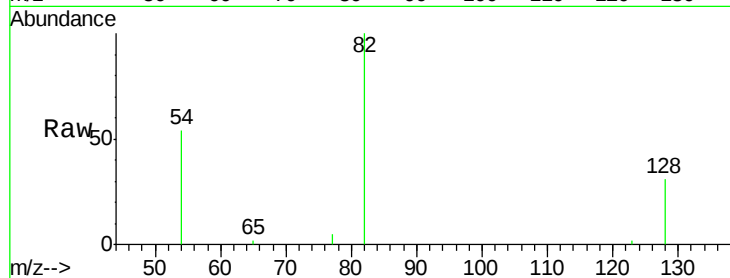
Tot Ion: 82 Resp: 6978

Ion Ratio Lower Upper

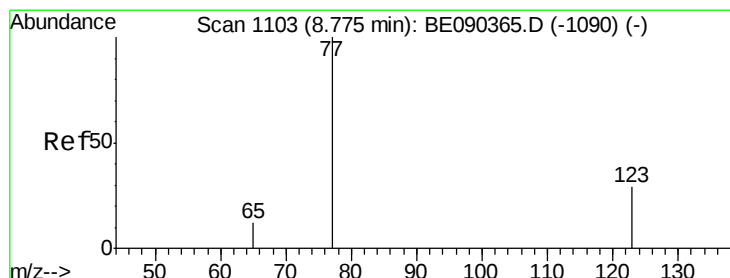
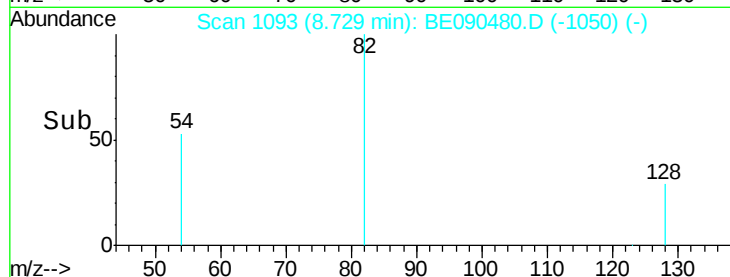
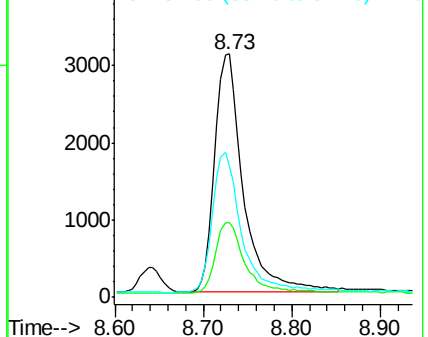
82 100

128 30.5 25.0 37.6

54 53.9 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: 1.01 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

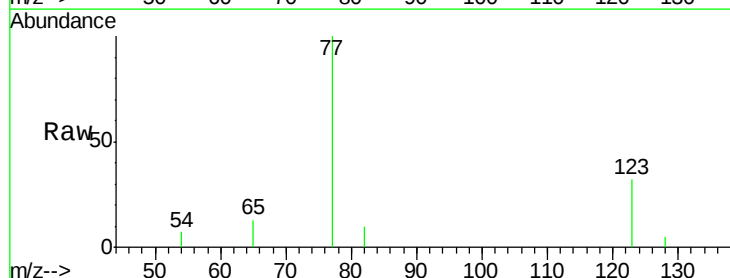
Tgt Ion: 77 Resp: 7389

Ion Ratio Lower Upper

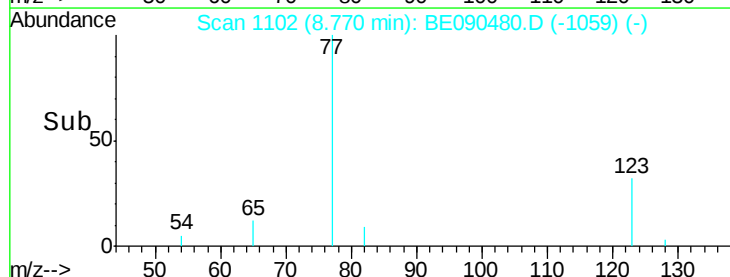
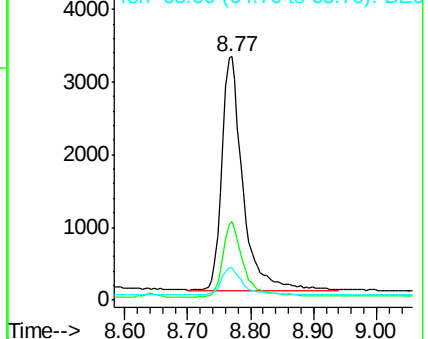
77 100

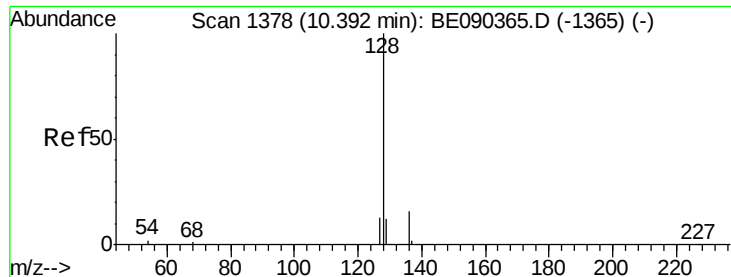
123 31.3 25.1 37.7

65 11.4 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: 1.02 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

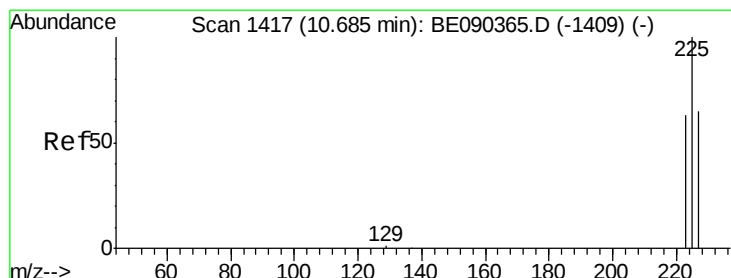
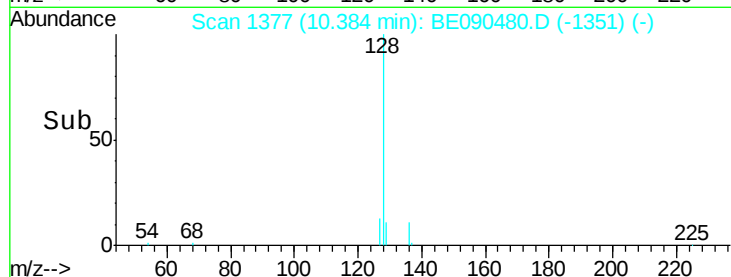
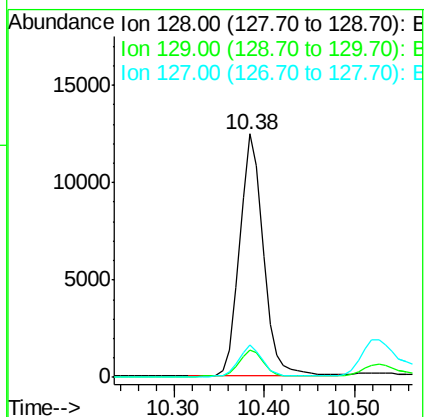
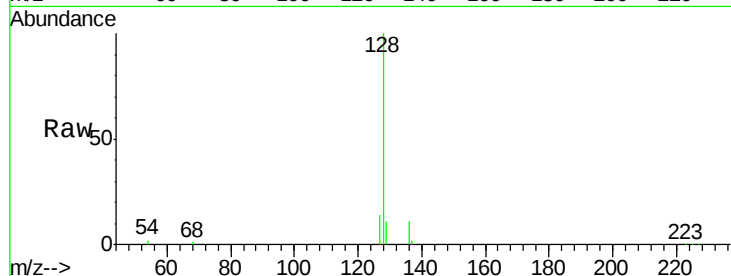
Tot Ion:128 Resp: 22850

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.6

127 13.5 10.6 16.0



#10

Hexachlorobutadiene

Concen: 1.08 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

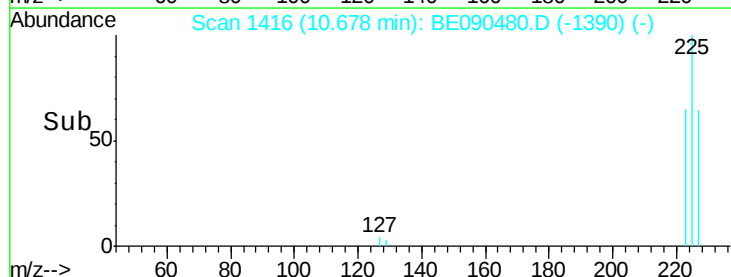
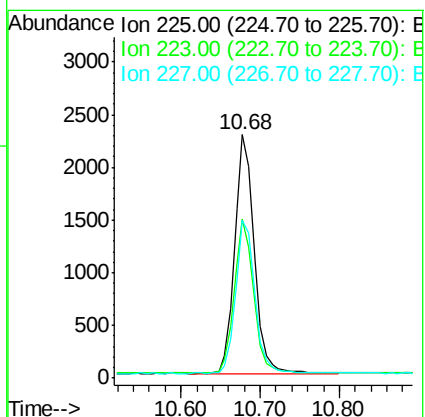
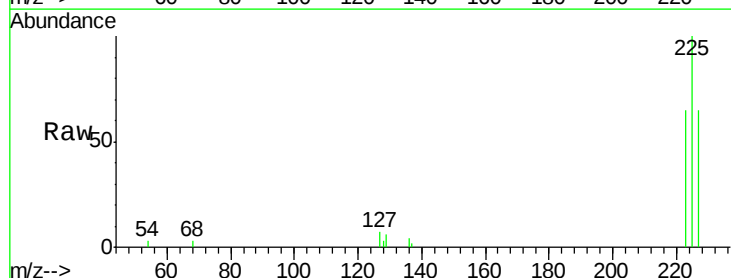
Tgt Ion:225 Resp: 3865

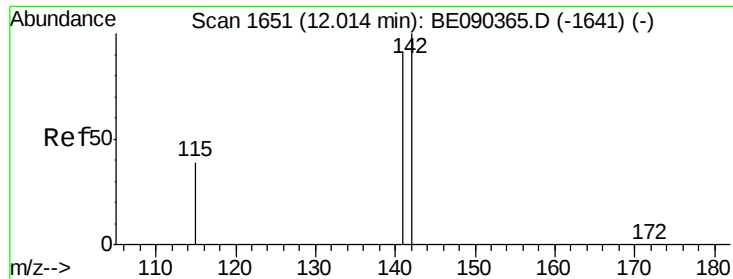
Ion Ratio Lower Upper

225 100

223 64.1 50.6 75.8

227 63.8 50.7 76.1





#11

2-Methylnaphthalene

Concen: 1.08 ng

RT: 12.01 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

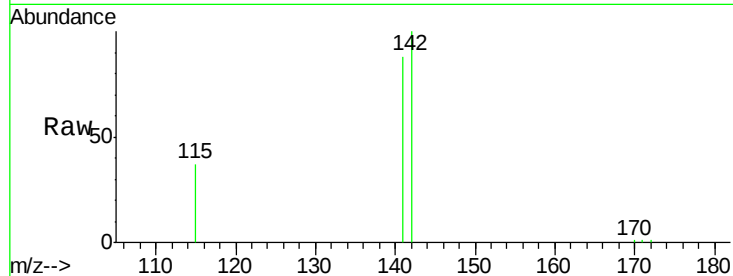
Tot Ion:142 Resp: 14058

Ion Ratio Lower Upper

142 100

141 87.8 72.6 109.0

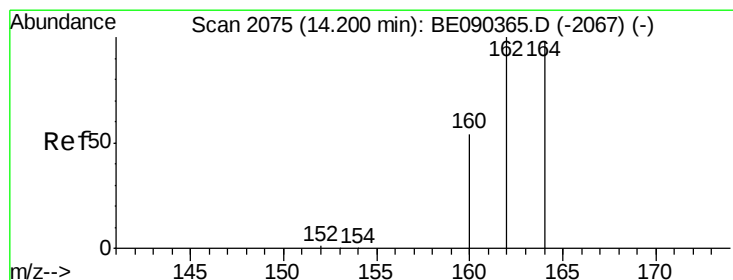
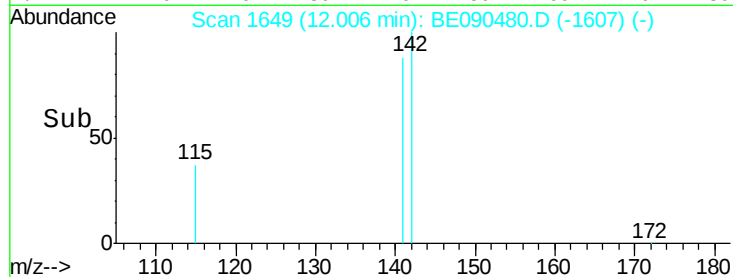
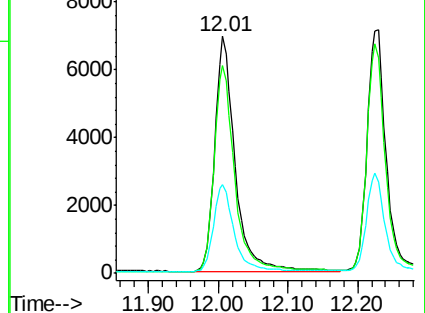
115 37.3 31.6 47.4



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. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

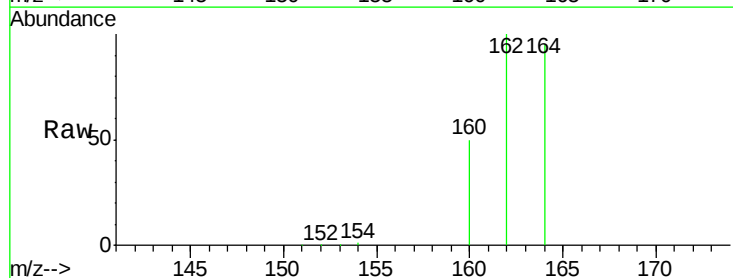
Tgt Ion:164 Resp: 61613

Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

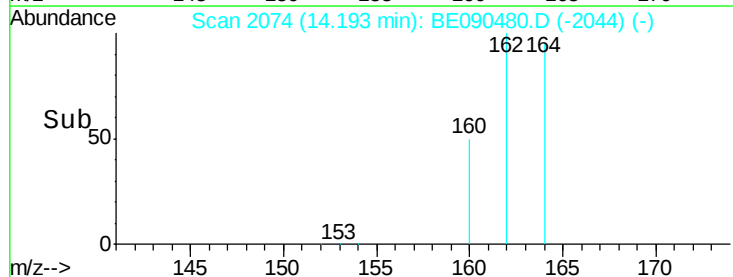
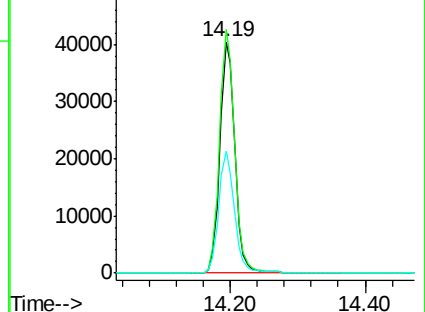
160 52.9 44.2 66.4

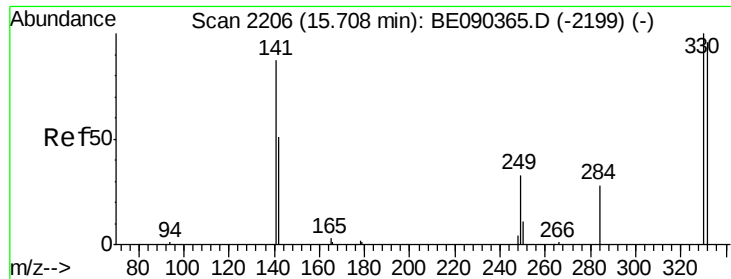


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

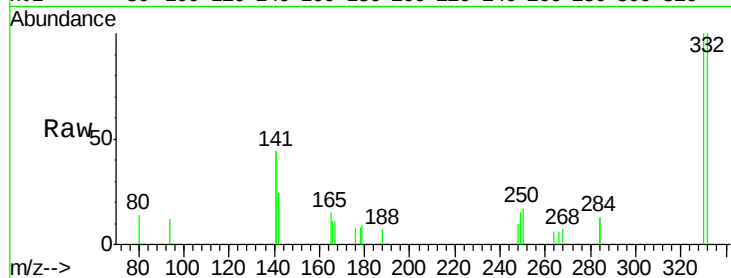




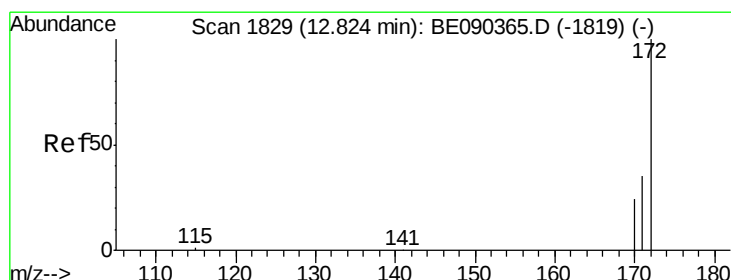
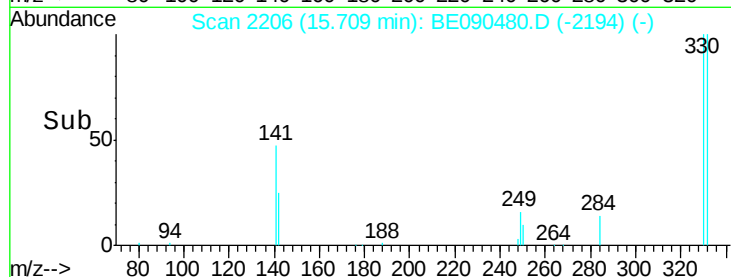
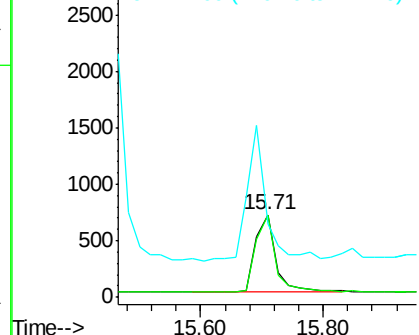
#13
 2,4,6-Tribromophenol
 Concen: 1.47 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1614
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 167.2 114.4 171.6

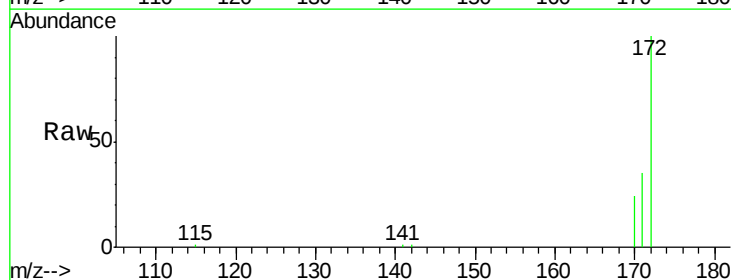


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

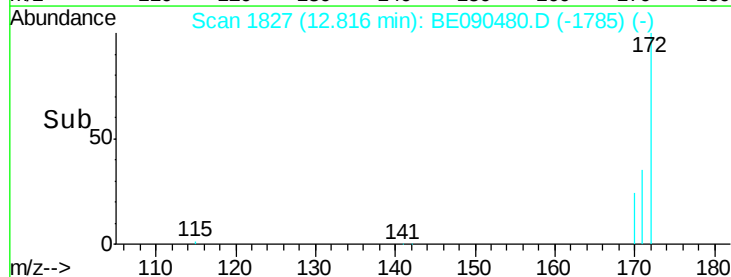
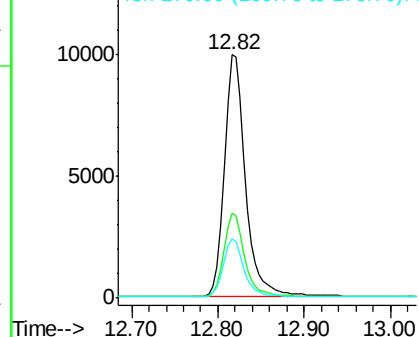


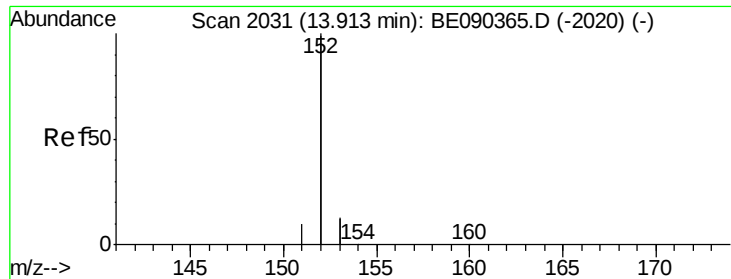
#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Tgt Ion:172 Resp: 17405
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 24.3 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: 1.03 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

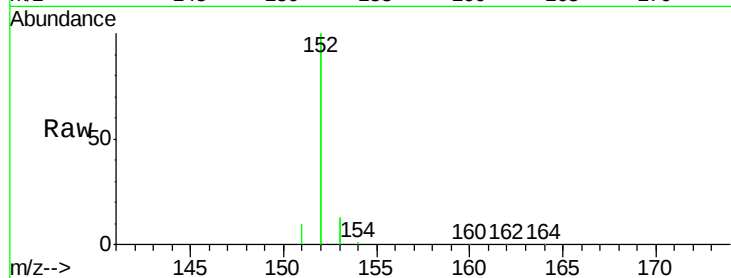
Tot Ion:152 Resp: 102357

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

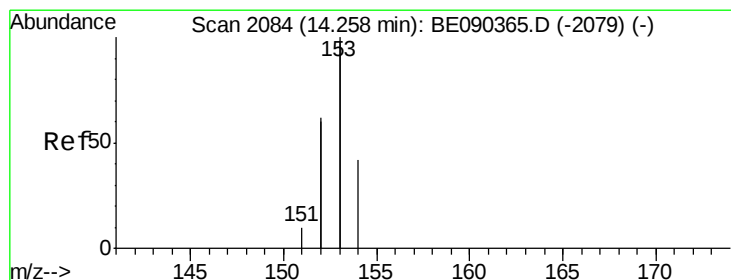
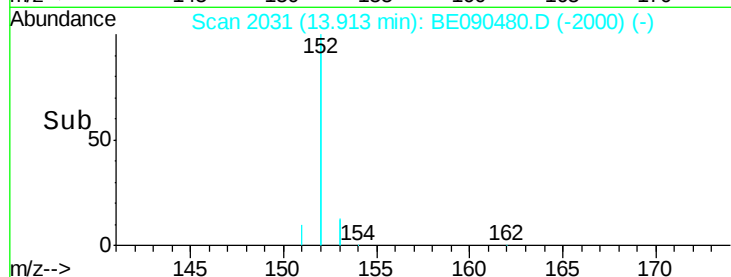
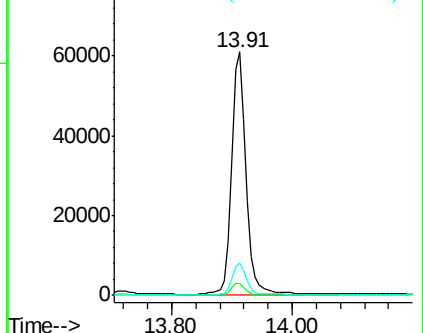
153 12.9 10.3 15.5



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: 1.00 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

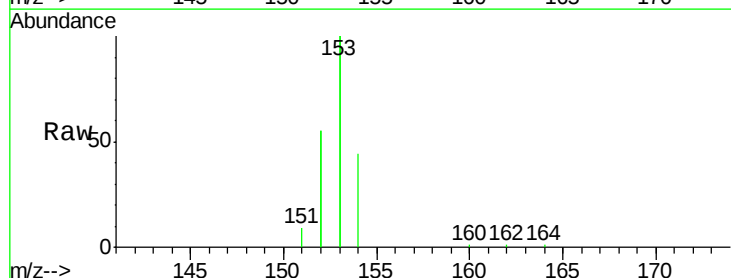
Tgt Ion:154 Resp: 15531

Ion Ratio Lower Upper

154 100

153 466.2 376.2 564.2

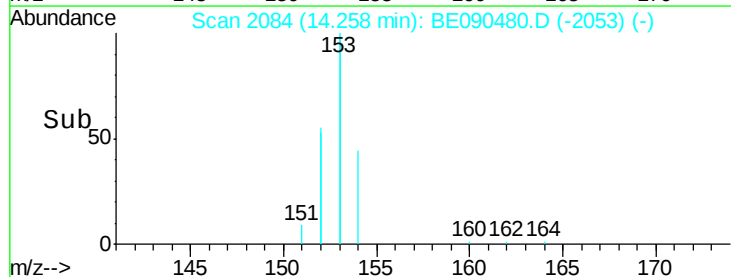
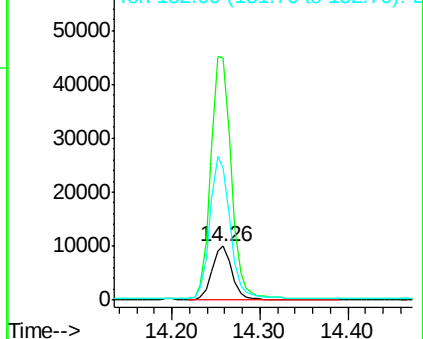
152 270.0 235.0 352.4

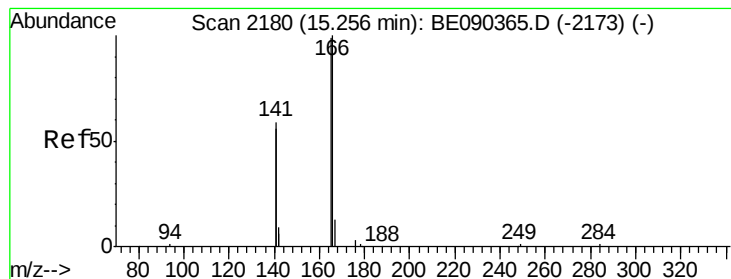


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.03 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampled :

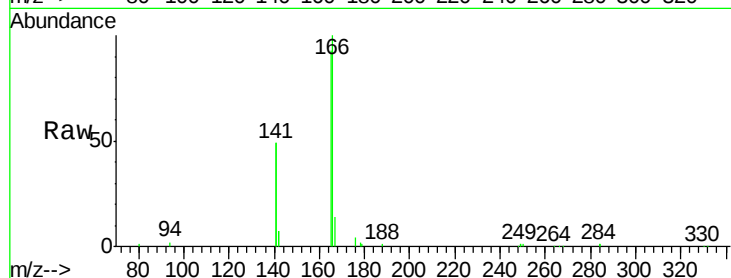
Tot Ion:166 Resp: 20755

Ion Ratio Lower Upper

166 100

165 100.6 81.5 122.3

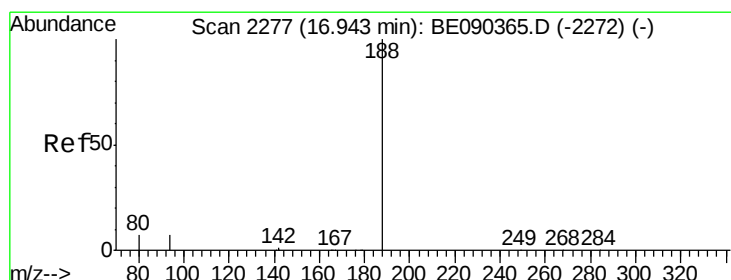
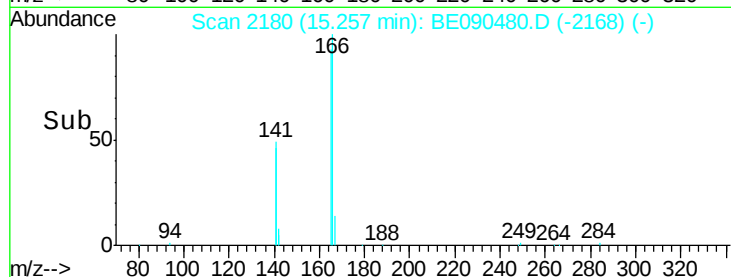
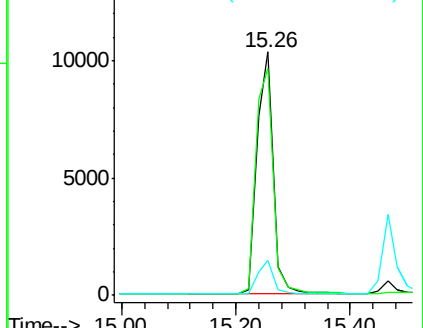
167 14.0 11.4 17.0



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: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

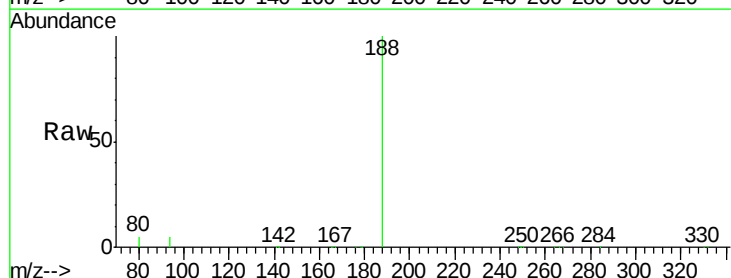
Tgt Ion:188 Resp: 147303

Ion Ratio Lower Upper

188 100

94 4.9 5.7 8.5#

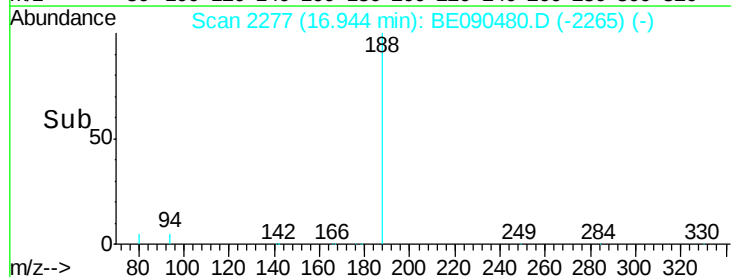
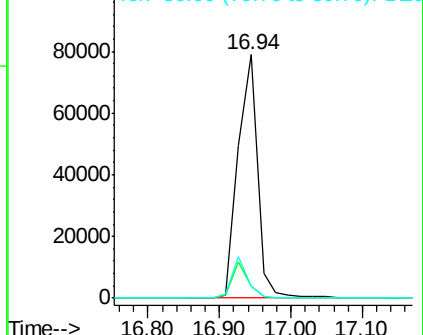
80 5.2 5.8 8.8#

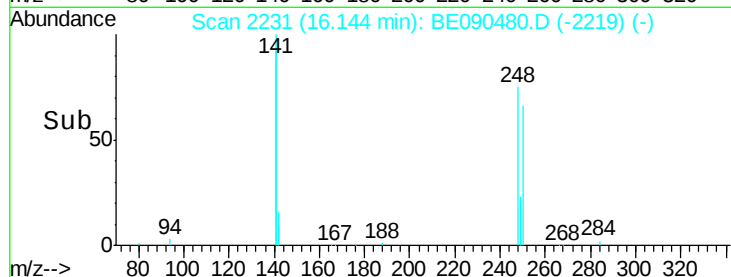
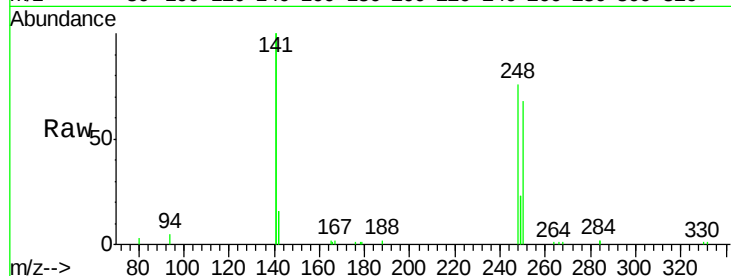
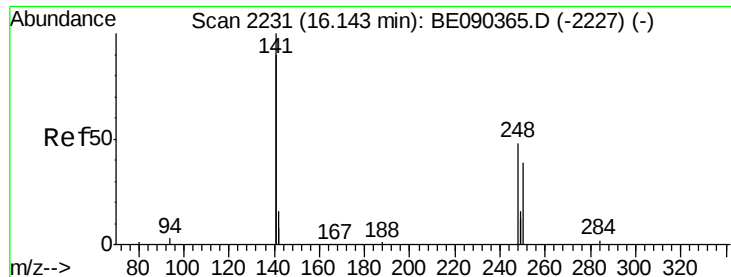


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

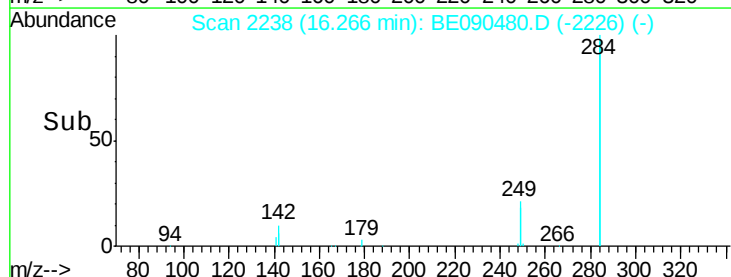
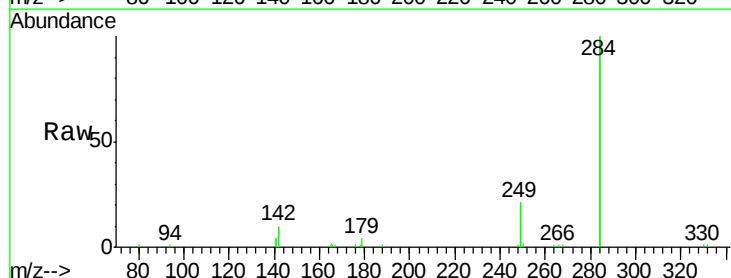
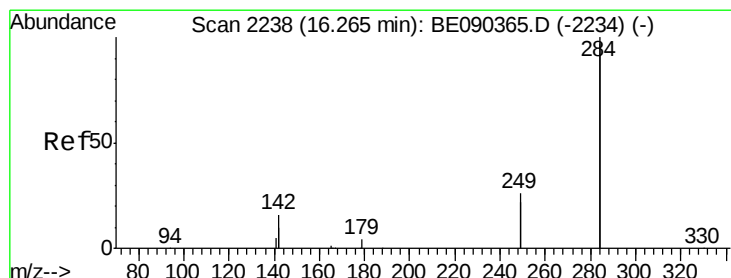
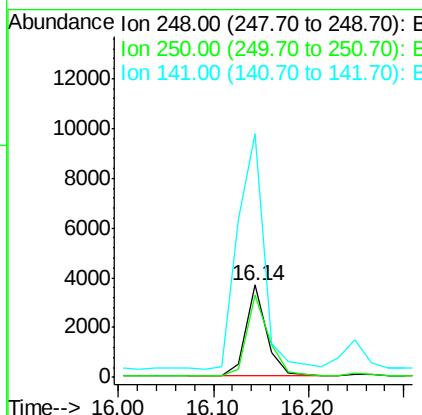




#19
4-Bromophenyl-phenylether
Concen: 0.97 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090480.D
Acq: 12 Aug 2015 22:57

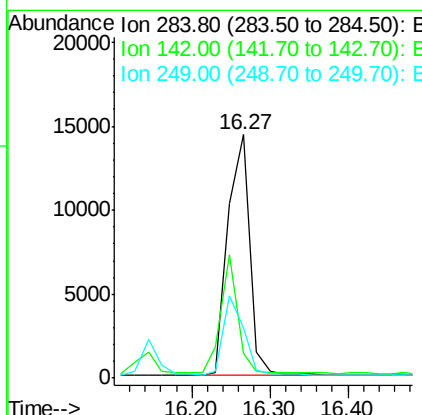
Instrument :
BNA_E
ClientSampleId :

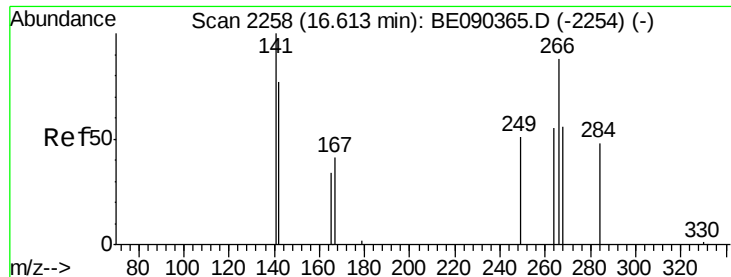
Tot Ion:248 Resp: 5566
Ion Ratio Lower Upper
248 100
250 93.7 79.0 118.6
141 324.1 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090480.D
Acq: 12 Aug 2015 22:57

Tgt Ion:284 Resp: 27621
Ion Ratio Lower Upper
284 100
142 38.3 30.1 45.1
249 30.7 25.7 38.5

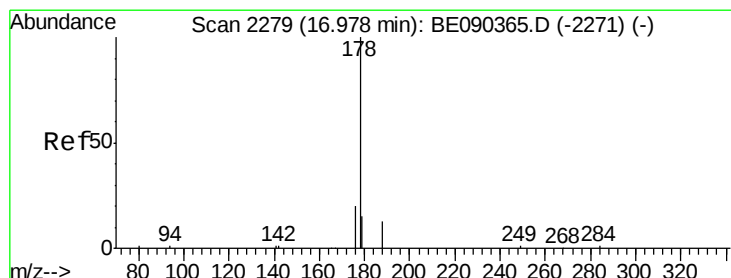
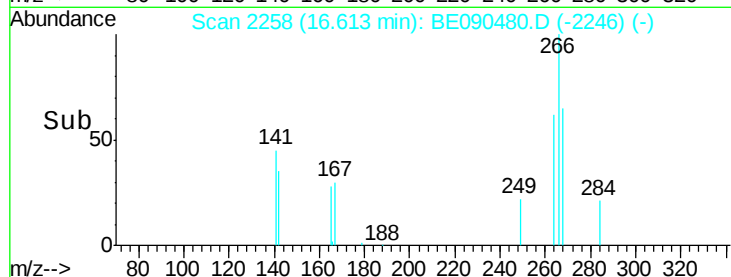
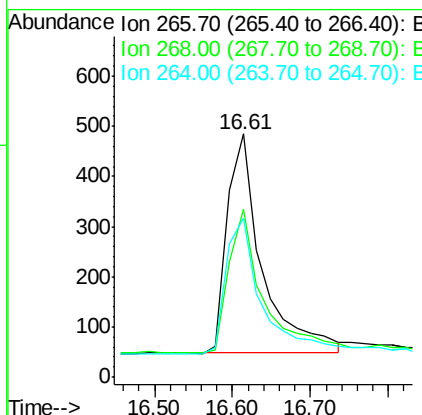
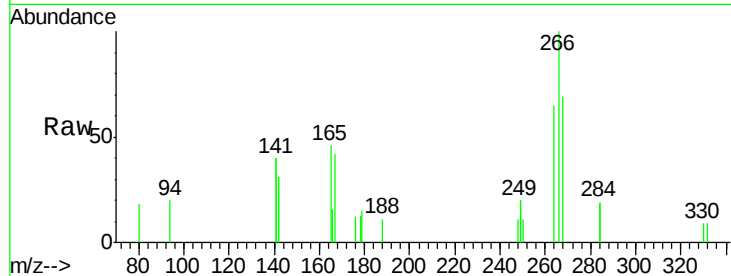




#21
 Pentachlorophenol
 Concen: 1.32 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

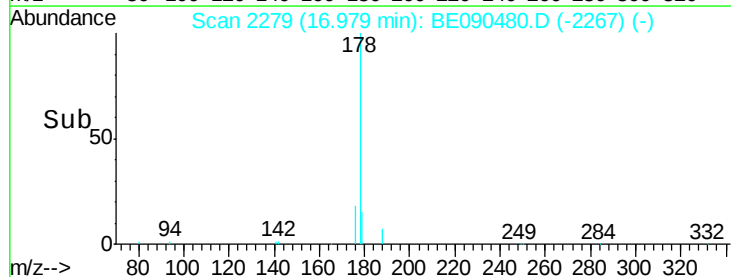
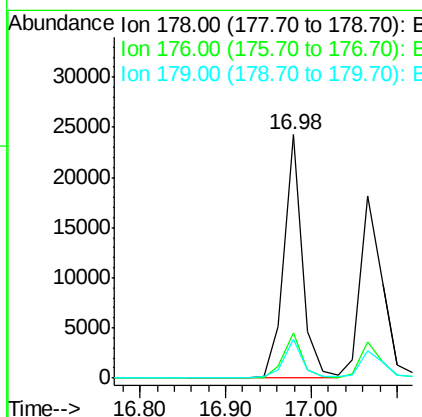
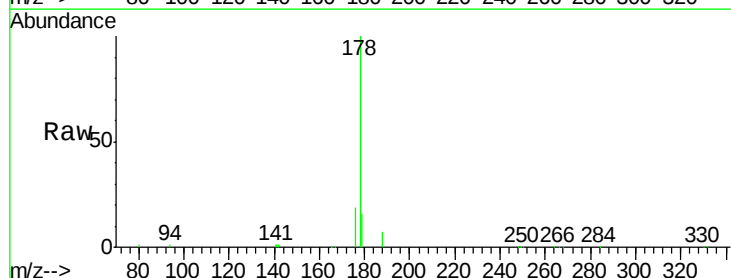
Instrument :
 BNA_E
 ClientSampleId :

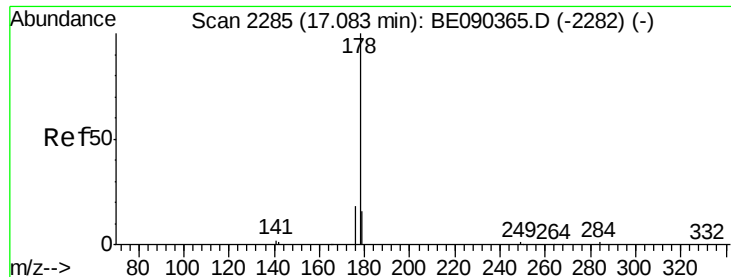
Tot Ion:266 Resp: 1357
 Ion Ratio Lower Upper
 266 100
 268 68.9 58.5 87.7
 264 65.4 56.0 84.0



#22
 Phenanthrene
 Concen: 0.99 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Tgt Ion:178 Resp: 36353
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.9 12.5 18.7





#23

Anthracene

Concen: 1.07 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

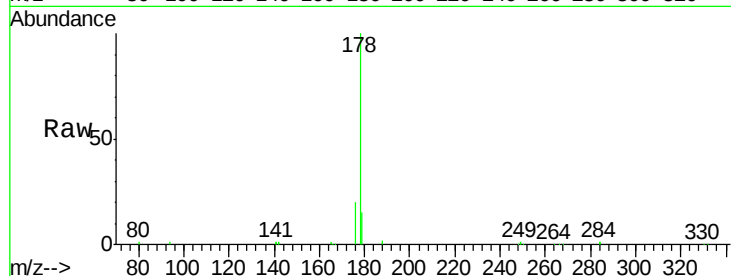
Tot Ion:178 Resp: 32491

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

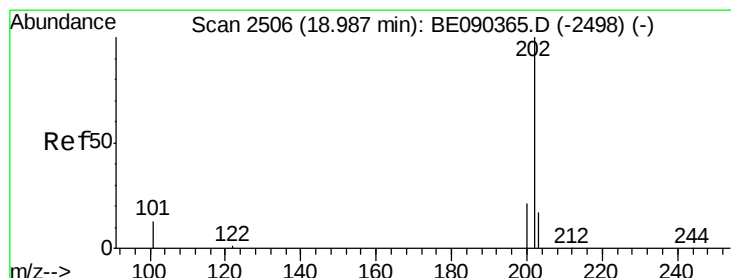
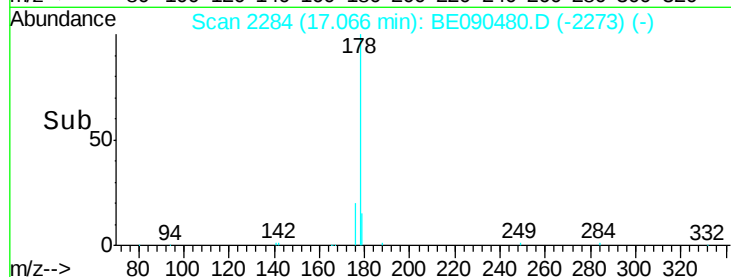
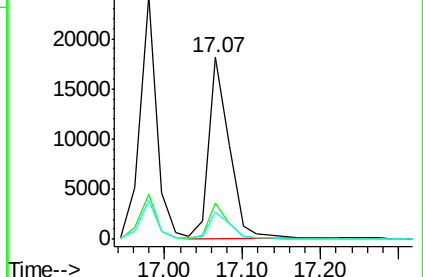
179 15.3 12.2 18.4



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: 1.02 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

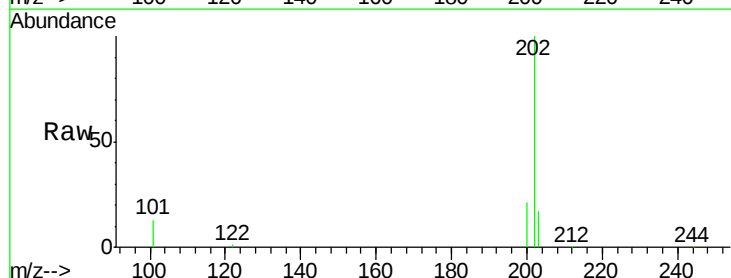
Tgt Ion:202 Resp: 36916

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

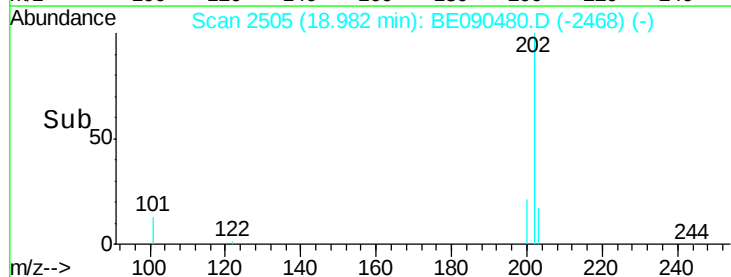
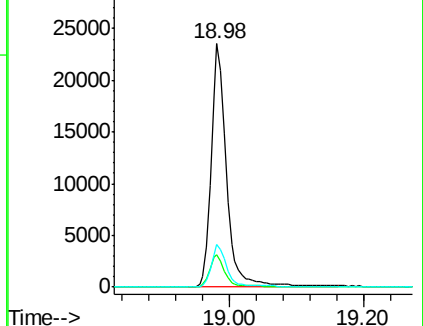
203 17.1 13.7 20.5

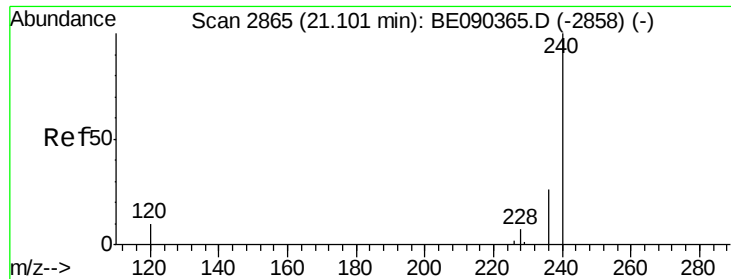


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

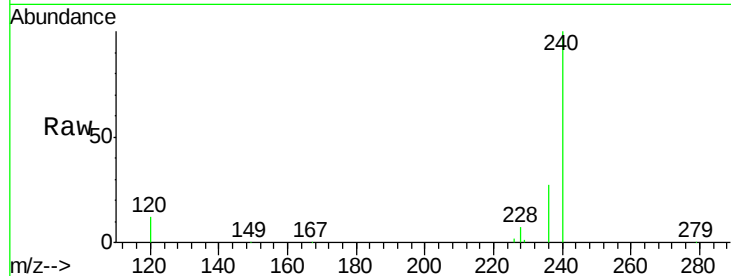
Tot Ion:240 Resp: 161833

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

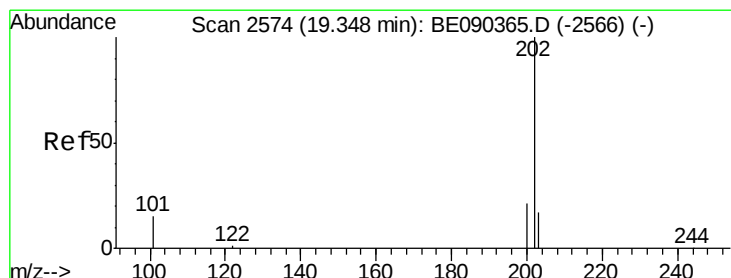
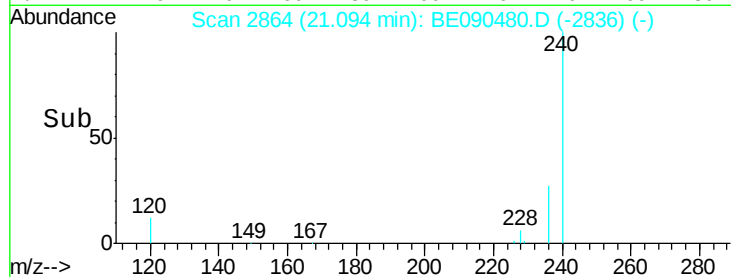
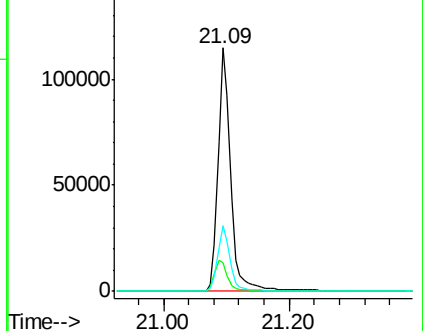
236 26.9 21.0 31.4



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: 1.09 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

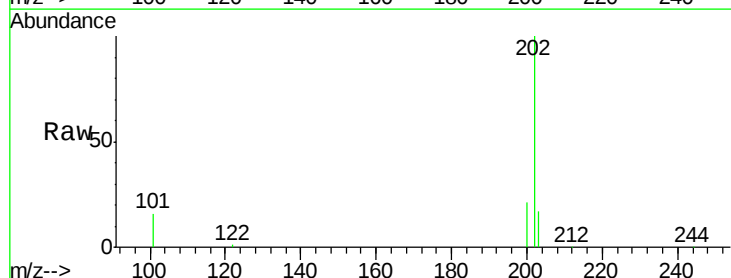
Tgt Ion:202 Resp: 38309

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

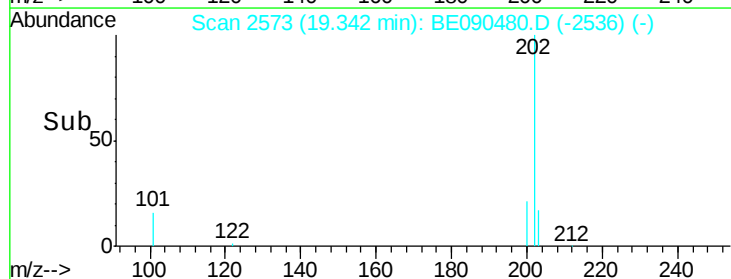
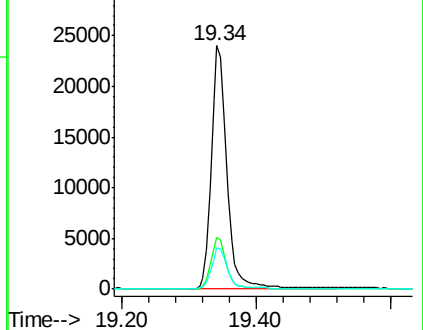
203 17.2 13.8 20.8

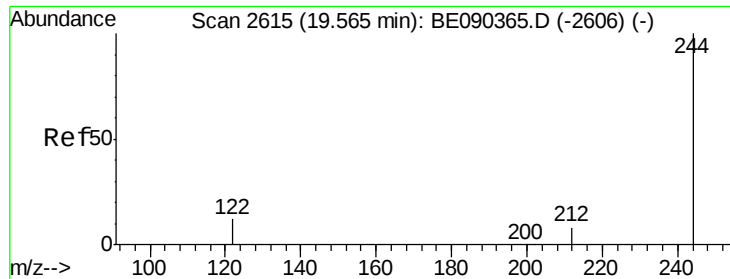


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

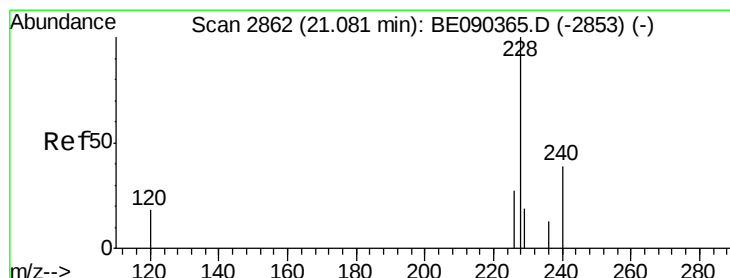
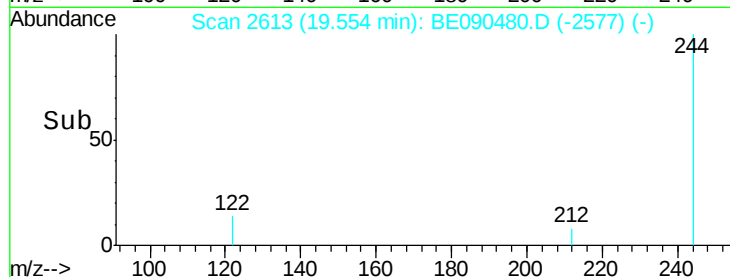
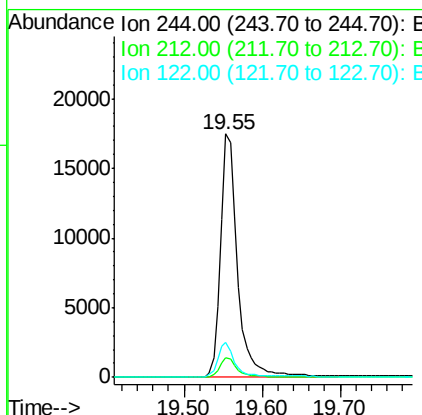
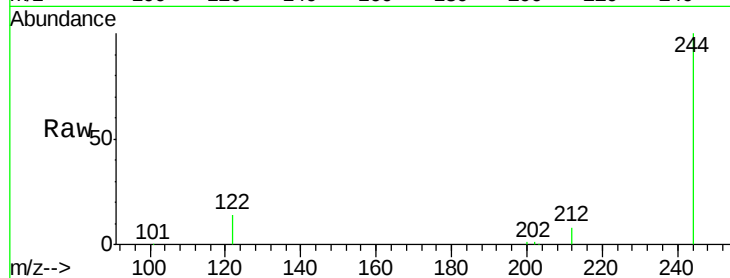




#27
 Terphenyl-d14
 Concen: 1.09 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

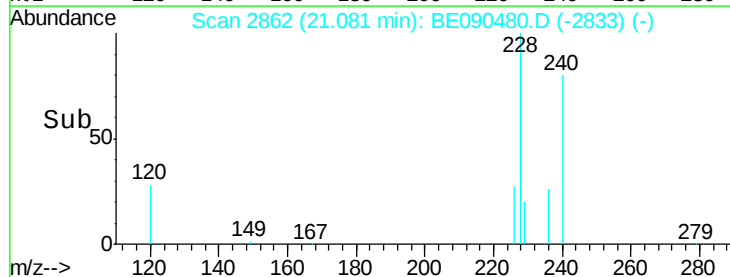
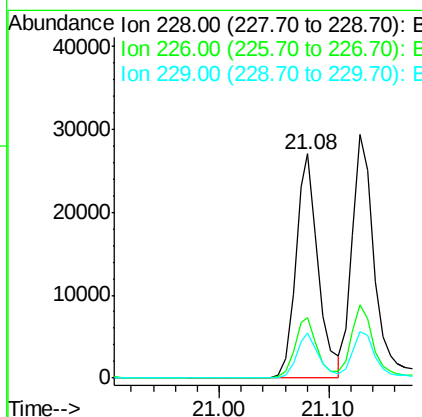
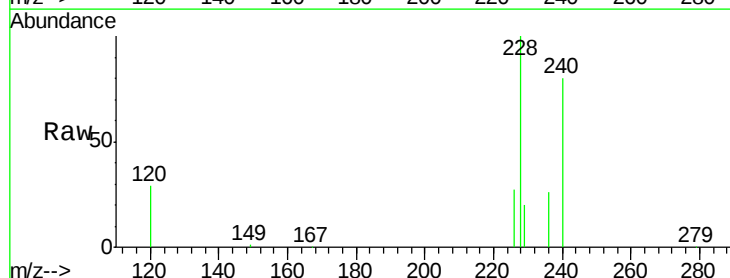
Instrument :
 BNA_E
 ClientSampleId :

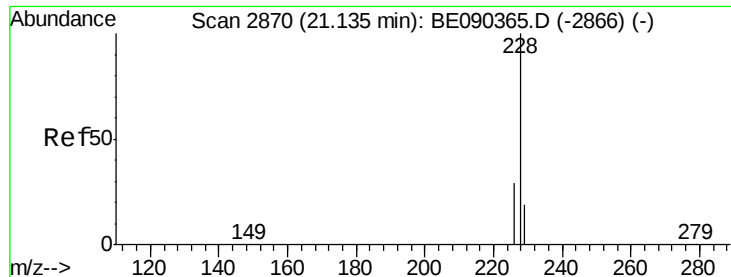
Tot Ion:244 Resp: 26092
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 14.1 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.06 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Tgt Ion:228 Resp: 37932
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.9 32.9
 229 19.9 15.4 23.0





#29

Chrysene

Concen: 0.97 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampled :

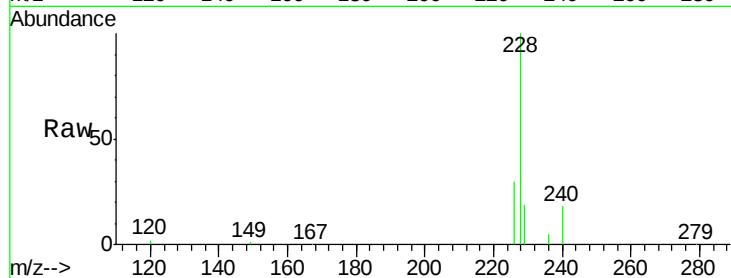
Tot Ion:228 Resp: 42160

Ion Ratio Lower Upper

228 100

226 30.2 23.1 34.7

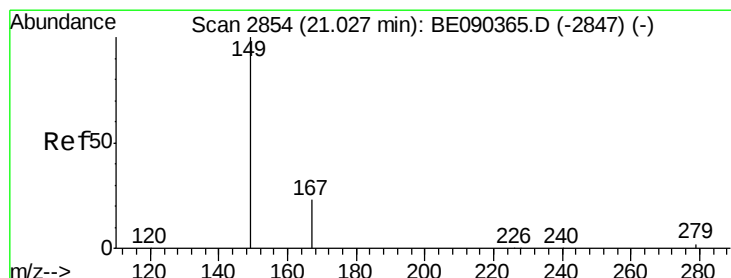
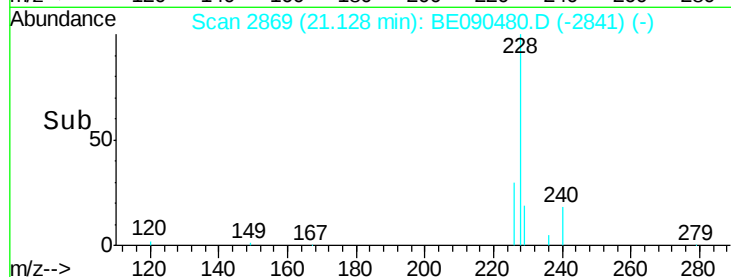
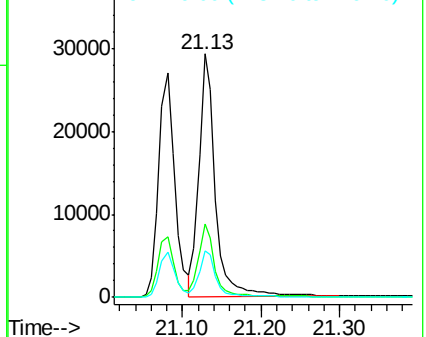
229 19.2 15.8 23.8



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: 1.16 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

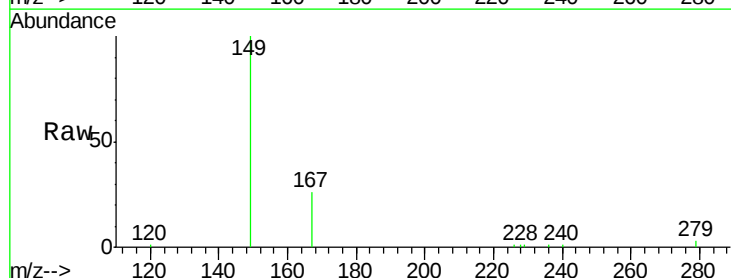
Tgt Ion:149 Resp: 9854

Ion Ratio Lower Upper

149 100

167 24.9 19.8 29.8

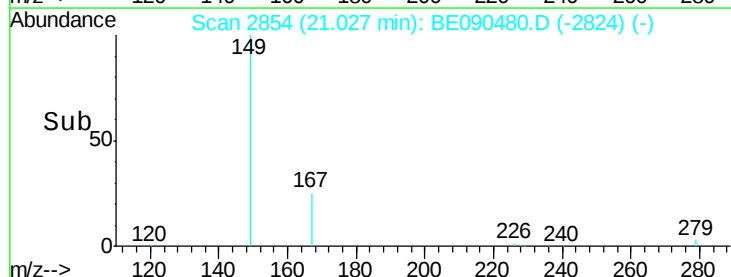
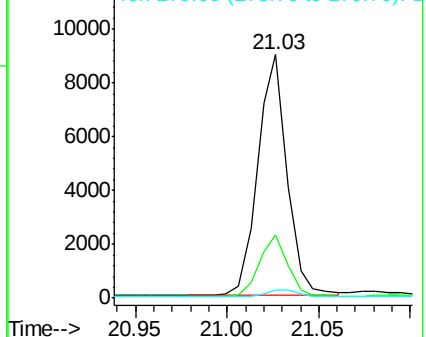
279 3.2 2.4 3.6

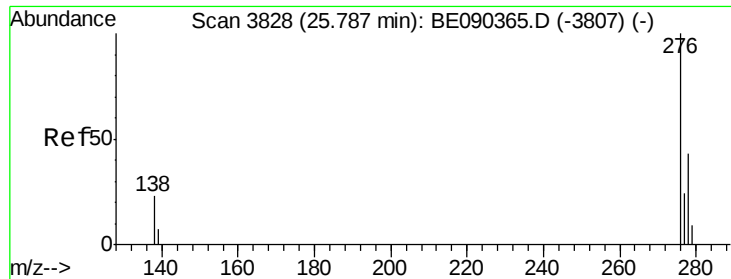


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

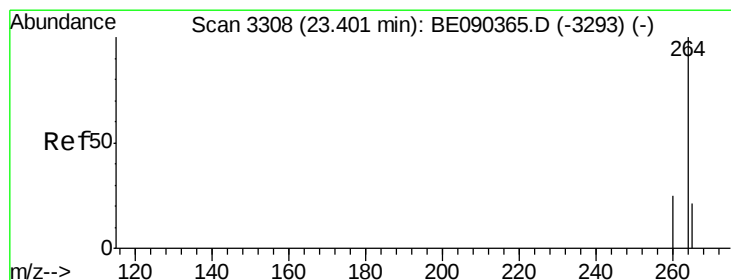
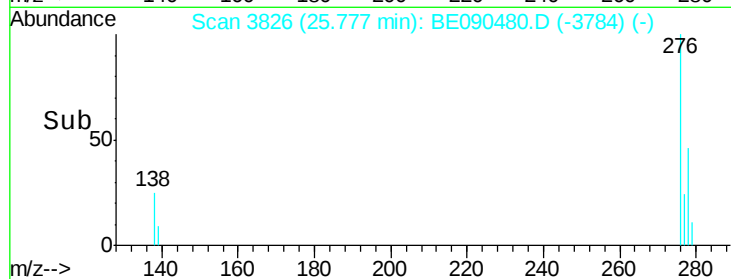
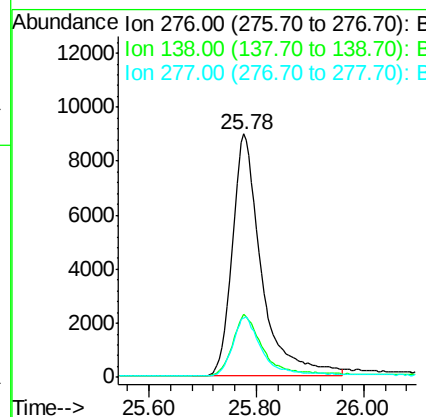
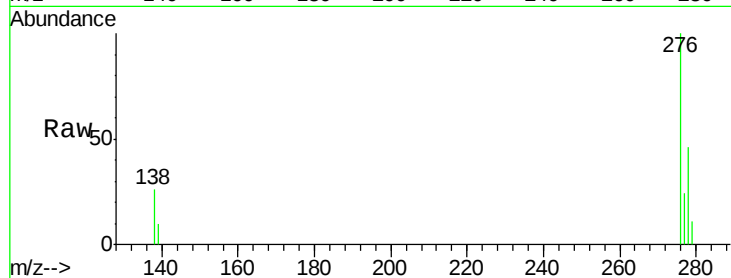




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 1.08 ng
 RT: 25.78 min Scan# 3826
 Delta R.T. -0.01 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

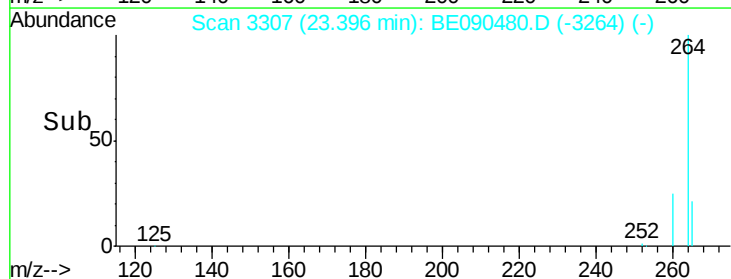
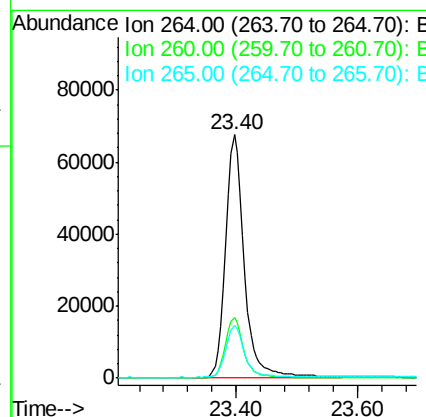
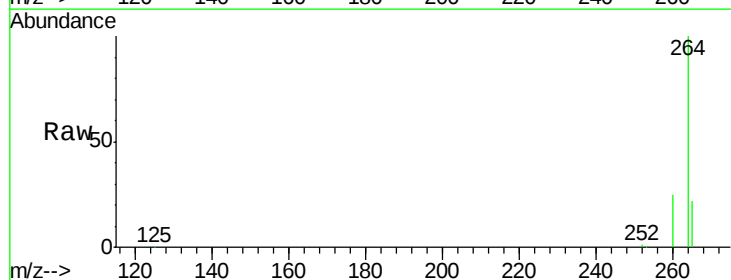
Instrument :
 BNA_E
 ClientSampleId :

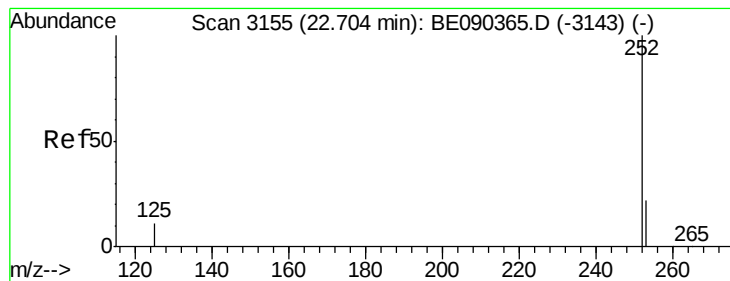
Tot Ion:276 Resp: 34043
 Ion Ratio Lower Upper
 276 100
 138 26.2 18.8 28.2
 277 24.8 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090480.D
 Acq: 12 Aug 2015 22:57

Tgt Ion:264 Resp: 145520
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.8 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 1.08 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

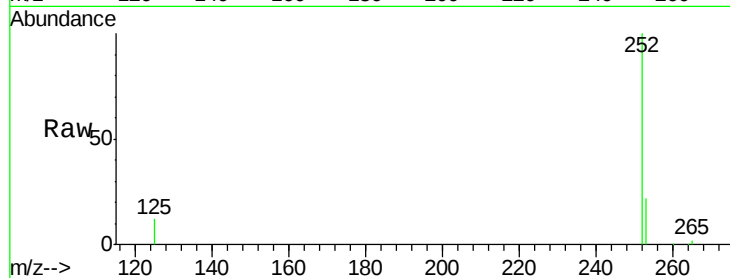
Tot Ion:252 Resp: 30424

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

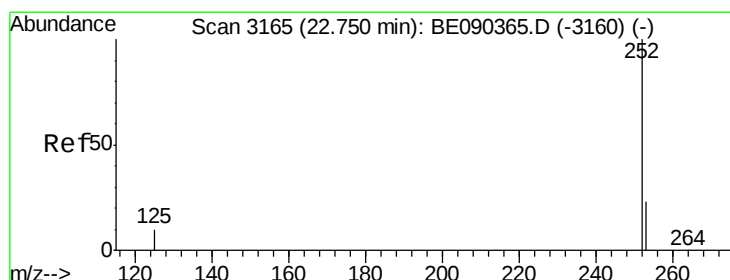
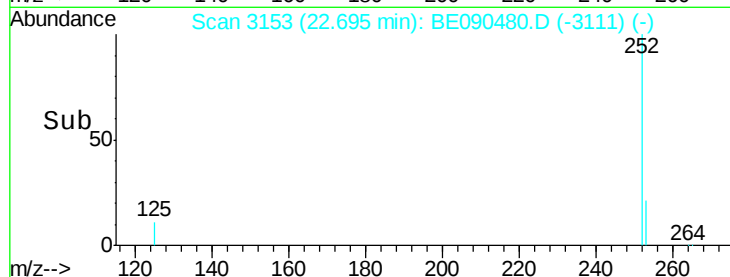
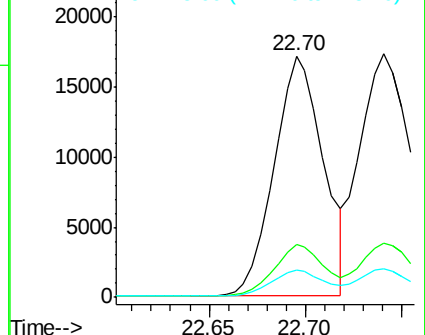
125 11.6 9.4 14.2



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: 0.91 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

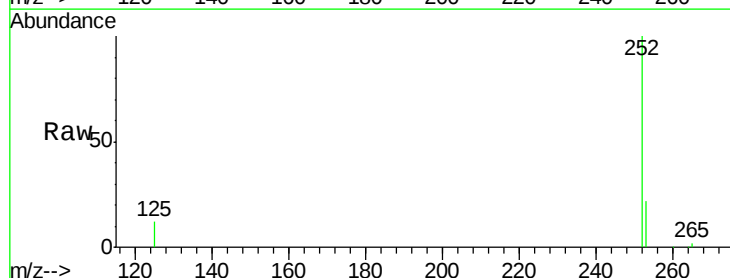
Tgt Ion:252 Resp: 36679

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

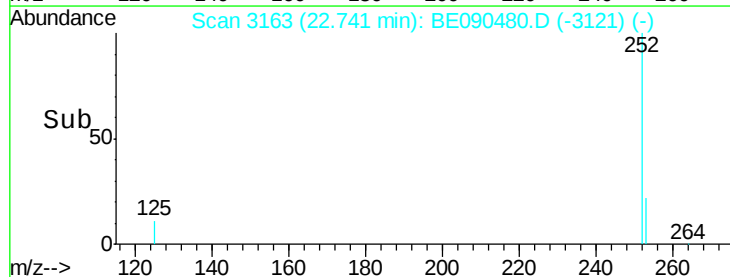
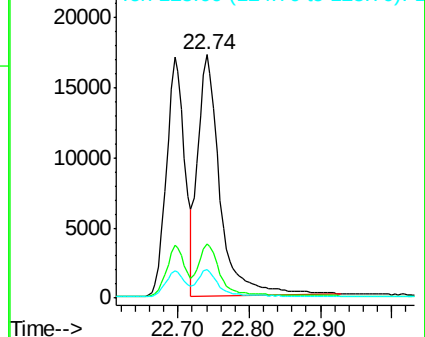
125 11.7 9.1 13.7

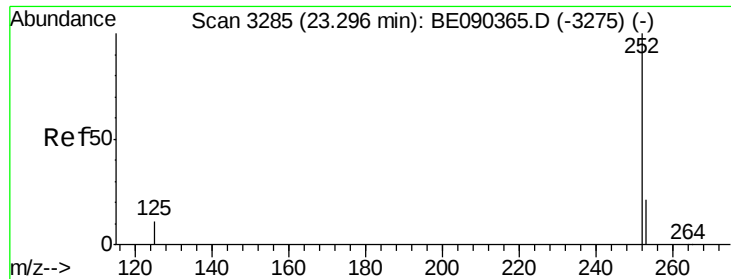


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.06 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :

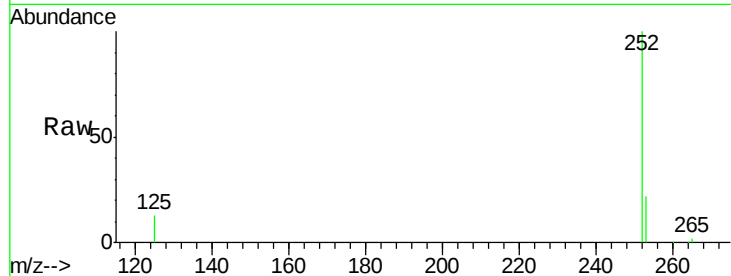
Tot Ion:252 Resp: 27165

Ion Ratio Lower Upper

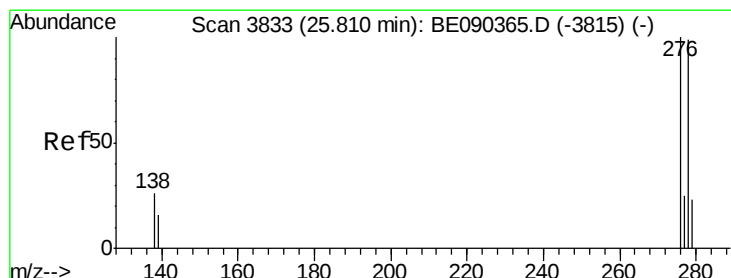
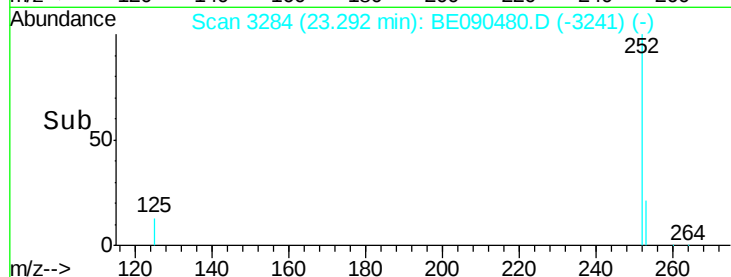
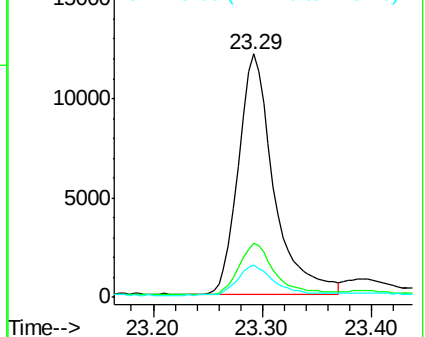
252 100

253 22.2 17.6 26.4

125 13.3 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: 1.08 ng

RT: 25.80 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

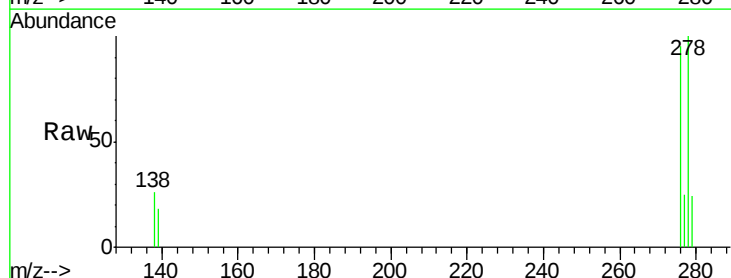
Tgt Ion:278 Resp: 25751

Ion Ratio Lower Upper

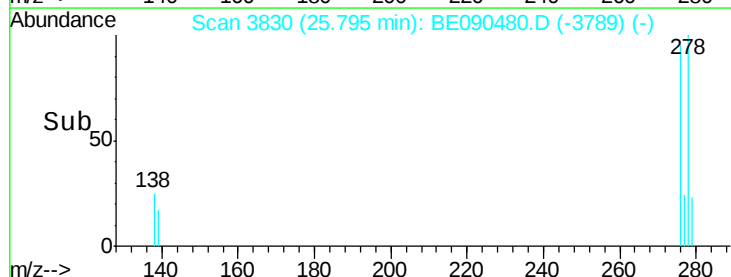
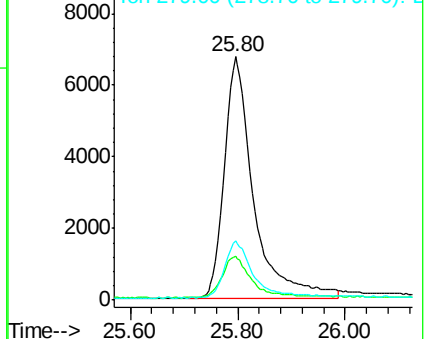
278 100

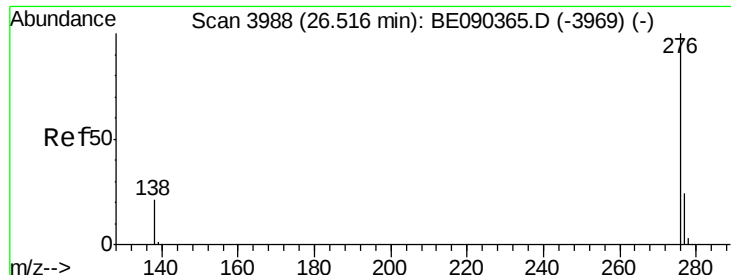
139 18.0 14.2 21.4

279 24.3 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(a,h,i)perylene

Concen: 1.08 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

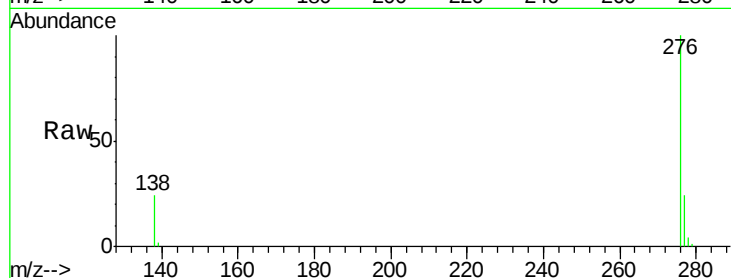
Lab File: BE090480.D

Acq: 12 Aug 2015 22:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 28930

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 23.7 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

