

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090523.D
 Acq On : 14 Aug 2015 16:43
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081415

Quant Time: Aug 17 04:17:49 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

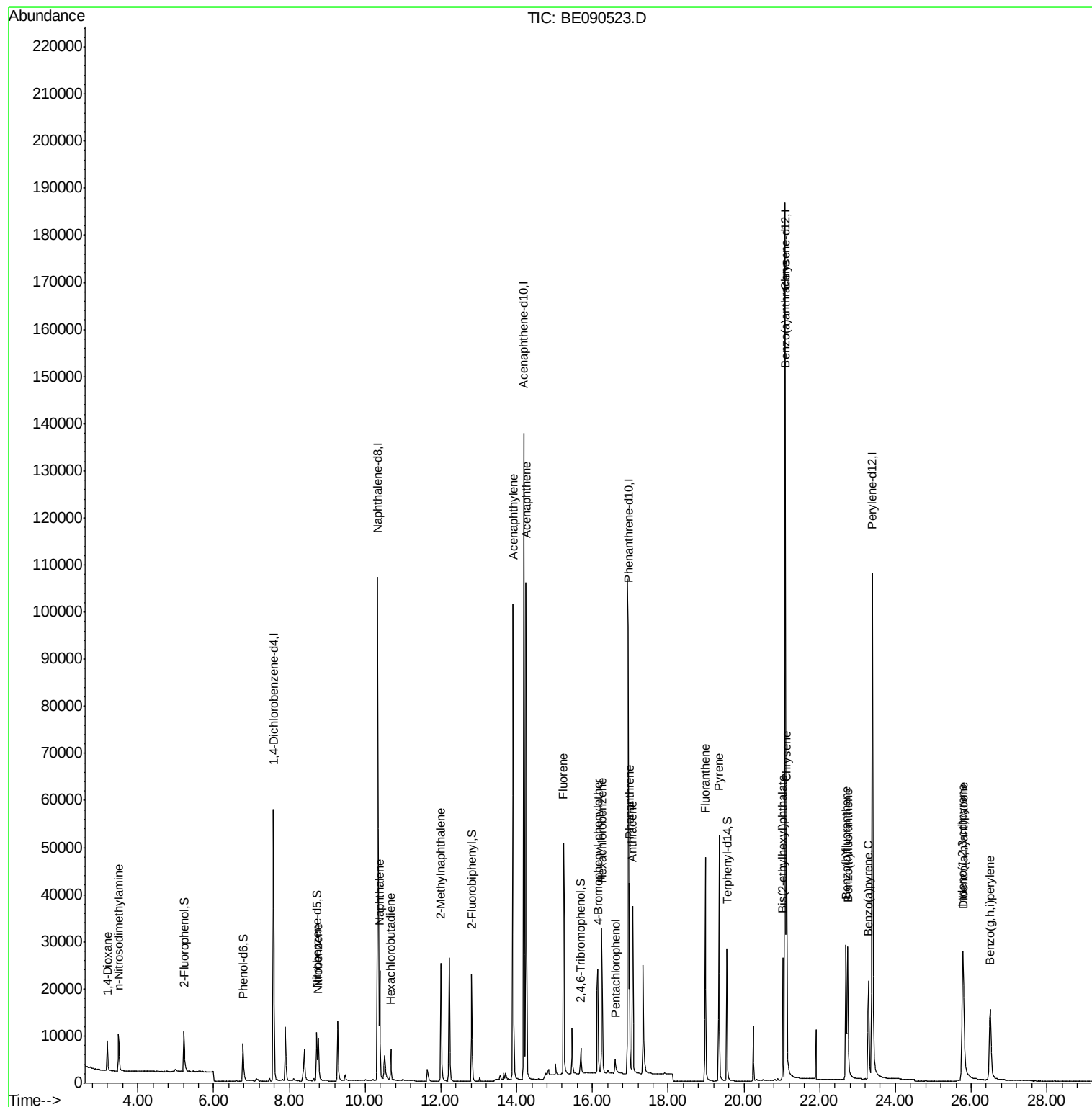
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	29257	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	144239	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	78771	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	175325	5.00	ng	0.00
25) Chrysene-d12	21.09	240	174570	5.00	ng	0.00
32) Perylene-d12	23.39	264	158347	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	8014	0.95	ng	0.00
5) Phenol-d6	6.77	99	11963	0.96	ng	0.00
7) Nitrobenzene-d5	8.72	82	11160	0.97	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	2780	0.92	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	22935	0.97	ng	0.00
27) Terphenyl-d14	19.55	244	31148	0.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3748	1.07	ng	96
3) n-Nitrosodimethylamine	3.49	42	4855	0.96	ng	# 72
8) Nitrobenzene	8.76	77	11515	0.97	ng	96
9) Naphthalene	10.39	128	31616	0.96	ng	98
10) Hexachlorobutadiene	10.68	225	4752	0.99	ng	99
11) 2-Methylnaphthalene	12.00	142	20632	0.97	ng	99
15) Acenaphthylene	13.91	152	139639	0.97	ng	100
16) Acenaphthene	14.26	154	21098	0.97	ng	# 78
17) Fluorene	15.24	166	26287	0.99	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6972	0.97	ng	83
20) Hexachlorobenzene	16.25	284	30753	0.97	ng	97
21) Pentachlorophenol	16.61	266	2347	0.88	ng	95
22) Phenanthrene	16.98	178	43119	0.94	ng	100
23) Anthracene	17.07	178	40890	0.96	ng	100
24) Fluoranthene	18.98	202	46653	0.95	ng	99
26) Pyrene	19.34	202	48326	0.97	ng	100
28) Benzo(a)anthracene	21.08	228	43431	0.95	ng	98
29) Chrysene	21.13	228	45463	0.97	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	21535	0.90	ng	98
31) Indeno(1,2,3-cd)pyrene	25.77	276	43474	0.98	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	35844	0.96	ng	99
34) Benzo(k)fluoranthene	22.74	252	43280	1.02	ng	99
35) Benzo(a)pyrene	23.29	252	34262	0.98	ng	# 97
36) Dibenzo(a,h)anthracene	25.80	278	33775	1.00	ng	97
37) Benzo(g,h,i)perylene	26.51	276	36555	0.99	ng	96

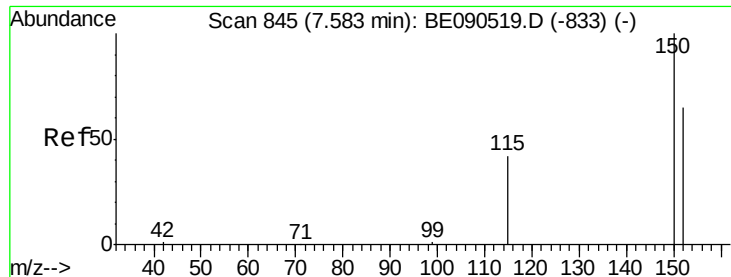
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

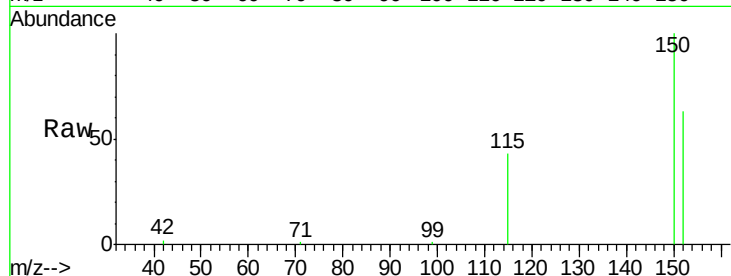
Tot Ion:152 Resp: 29257

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

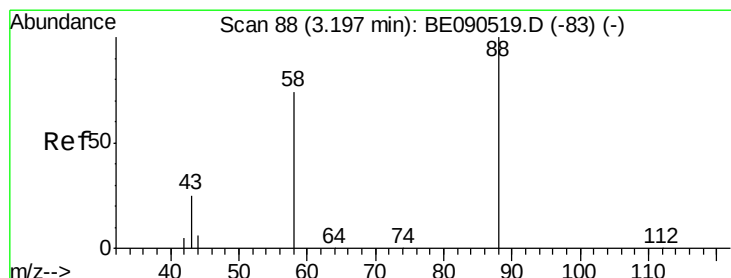
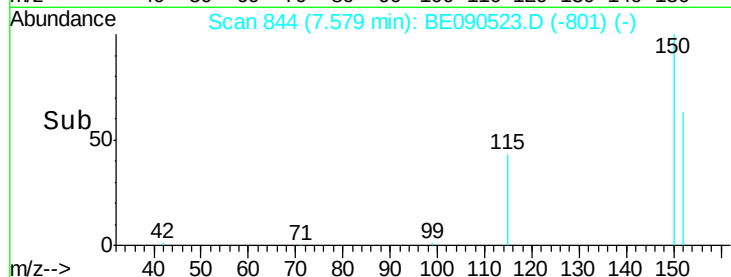
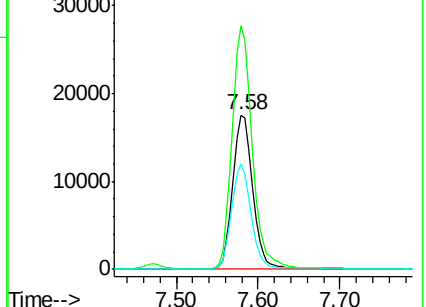
115 68.0 48.9 73.3



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: 1.07 ng

RT: 3.19 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

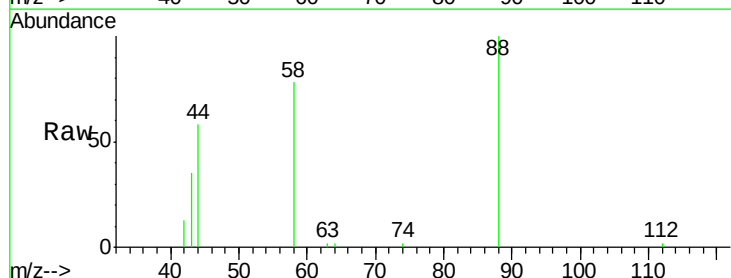
Tgt Ion: 88 Resp: 3748

Ion Ratio Lower Upper

88 100

58 83.2 70.0 105.0

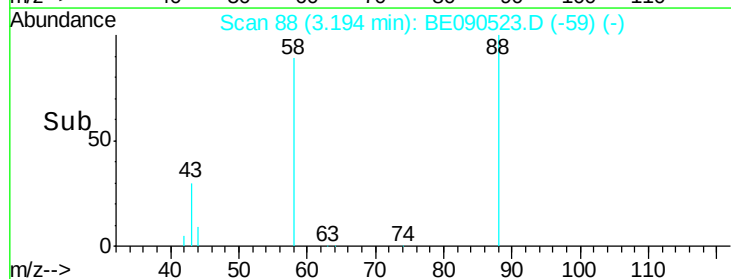
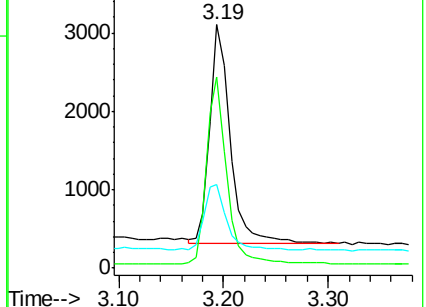
43 33.2 28.4 42.6

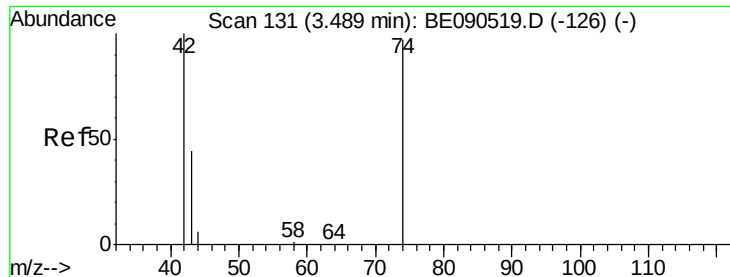


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

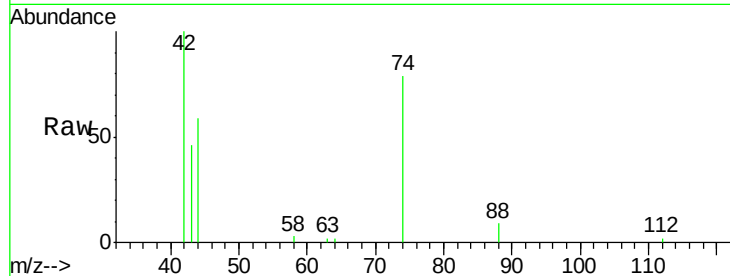
Tot Ion: 42 Resp: 4855

Ion Ratio Lower Upper

42 100

74 123.6 75.2 112.8#

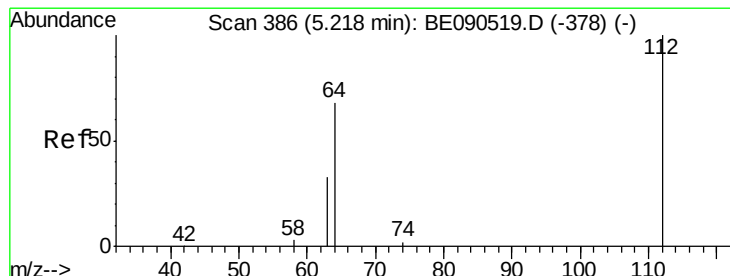
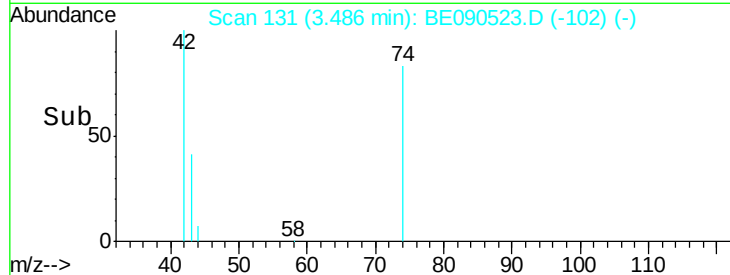
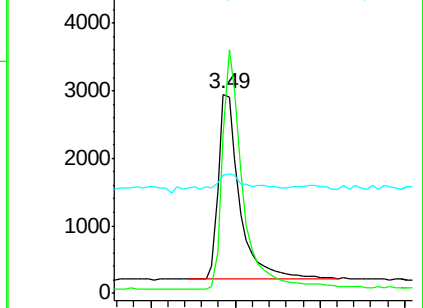
44 11.8 8.7 13.1



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: 0.95 ng

RT: 5.21 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

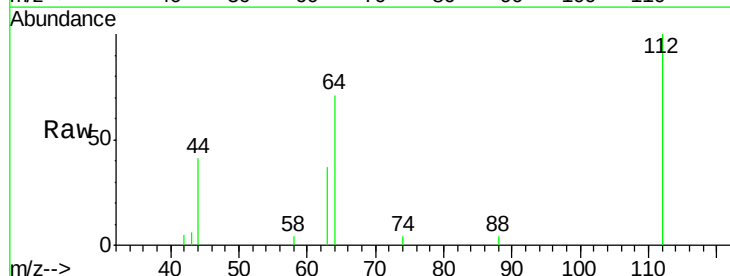
Tgt Ion: 112 Resp: 8014

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

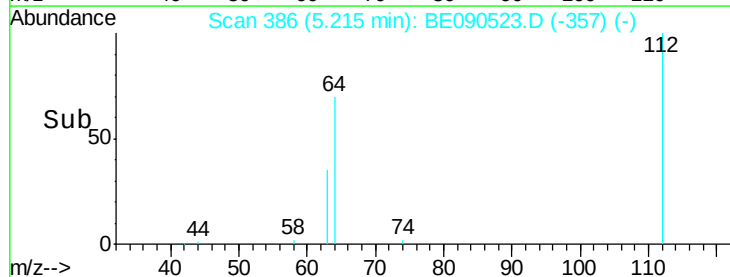
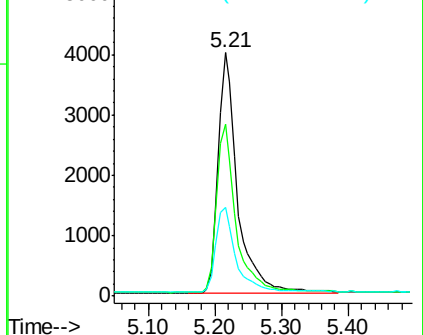
63 37.0 19.5 29.3#

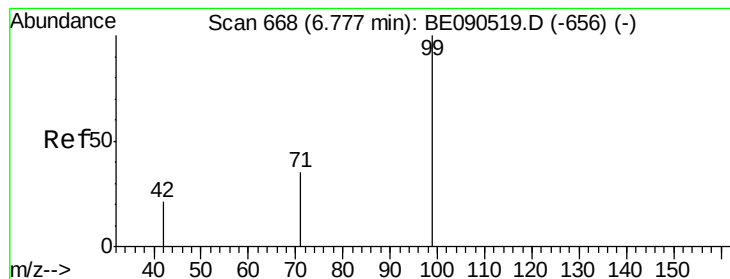


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.96 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

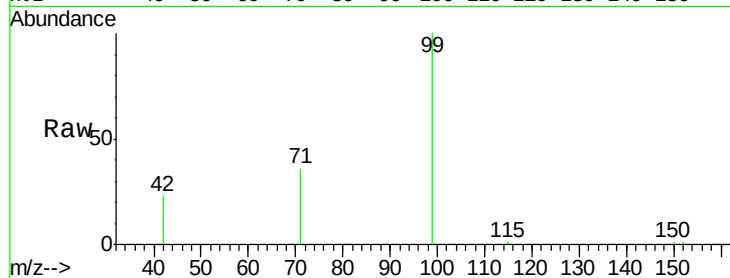
Tot Ion: 99 Resp: 11963

Ion Ratio Lower Upper

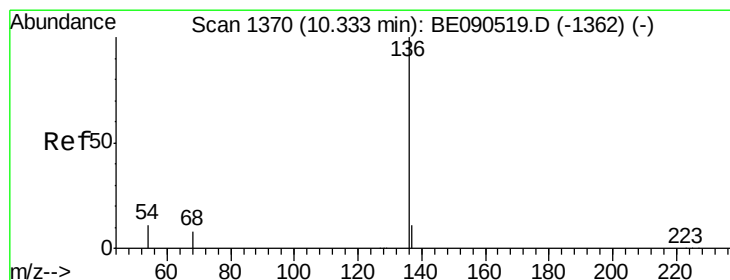
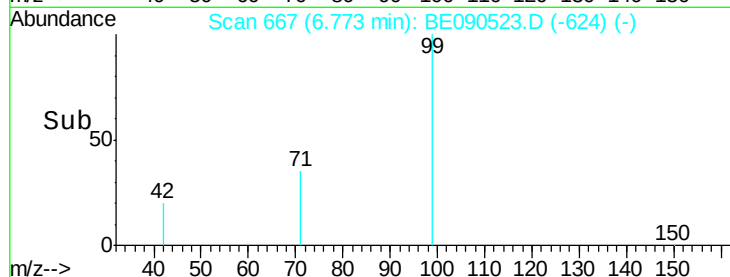
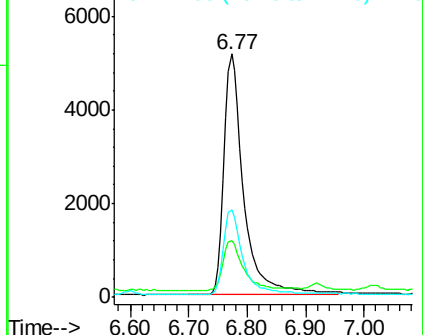
99 100

42 21.5 18.2 27.4

71 35.2 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: BE090523.D

Acq: 14 Aug 2015 16:43

Tgt Ion: 136 Resp: 144239

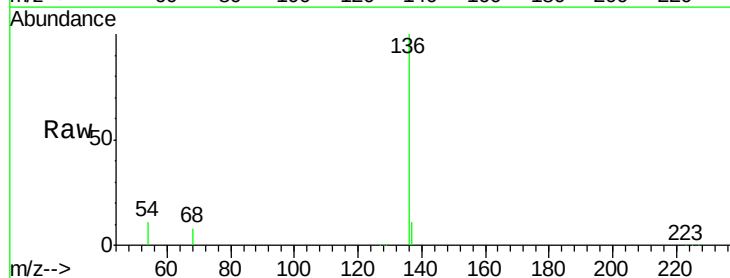
Ion Ratio Lower Upper

136 100

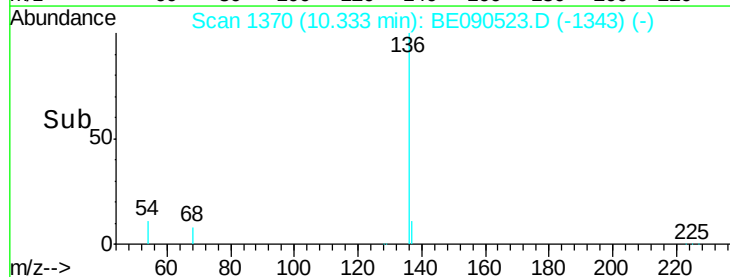
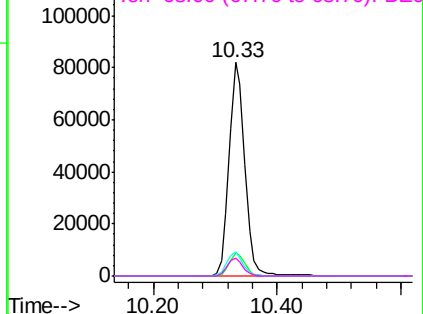
137 10.9 8.7 13.1

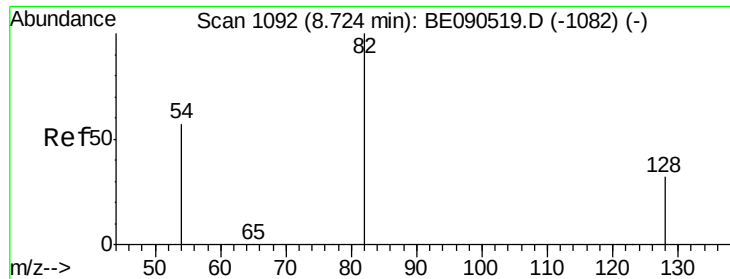
54 11.4 9.4 14.0

68 8.4 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: 0.97 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

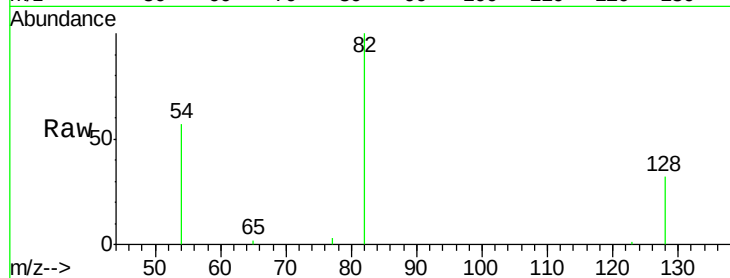
Tot Ion: 82 Resp: 11160

Ion Ratio Lower Upper

82 100

128 31.7 25.0 37.6

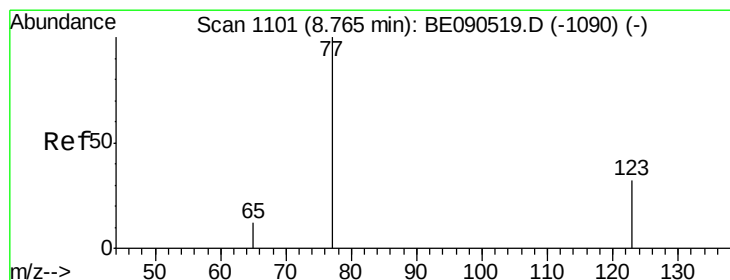
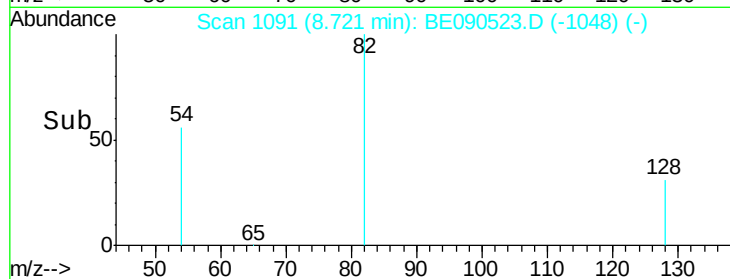
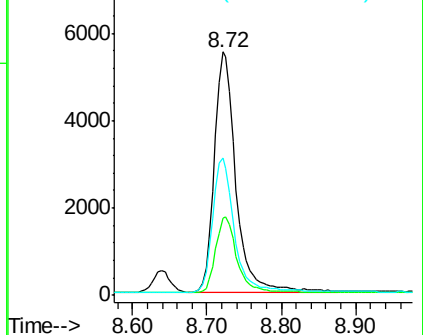
54 56.7 48.8 73.2



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: 0.97 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

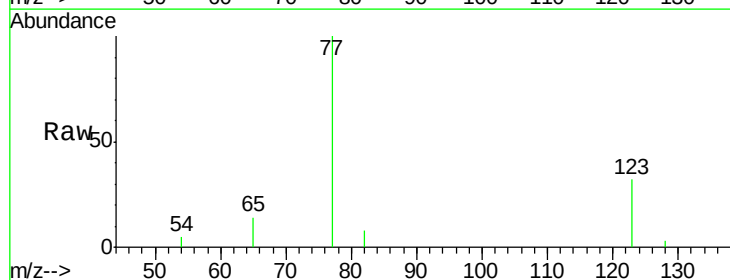
Tgt Ion: 77 Resp: 11515

Ion Ratio Lower Upper

77 100

123 33.5 25.1 37.7

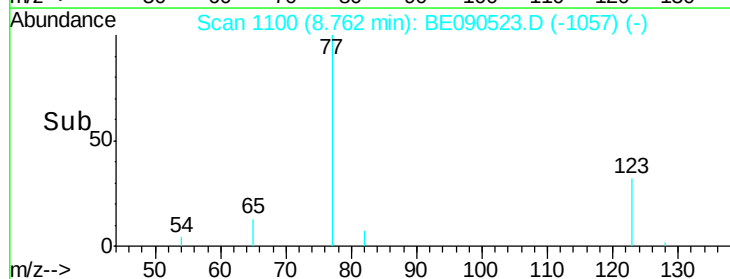
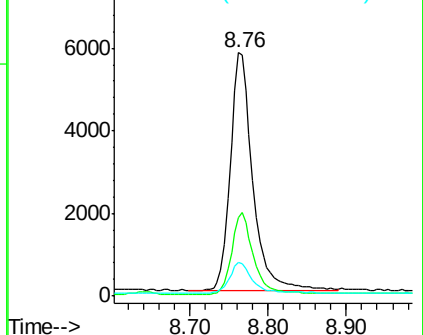
65 12.9 9.3 13.9

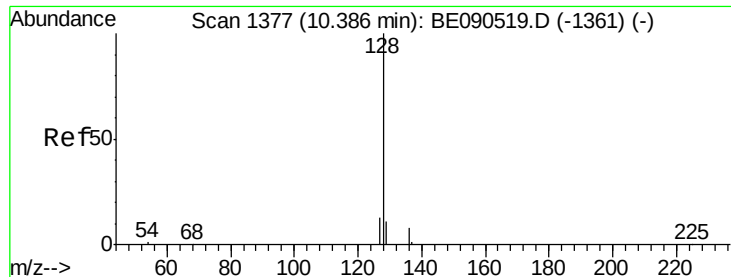


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.96 ng

RT: 10.39 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

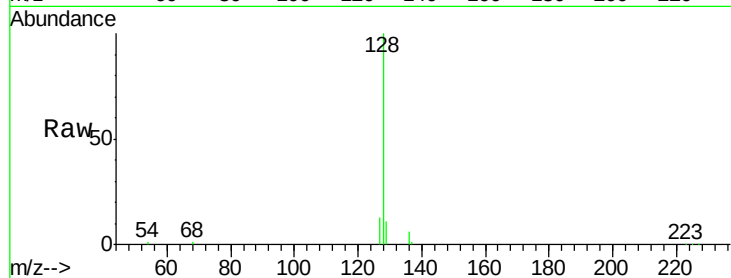
BNA_E

ClientSampleId :

ICVBE081415

Tot Ion:128 Resp: 31616

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	12.6	10.6	16.0

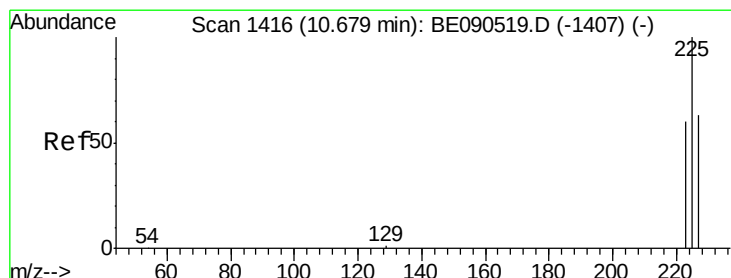
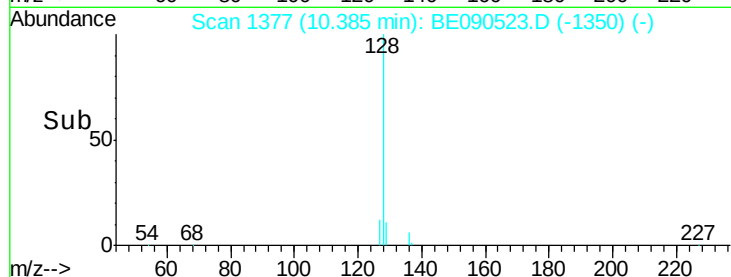
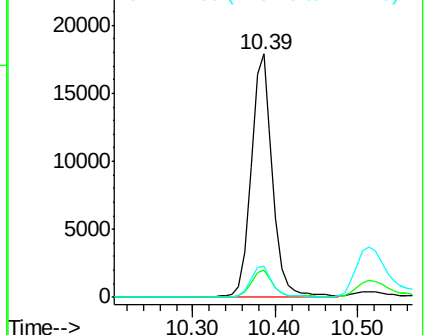


Abundance

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: 0.99 ng

RT: 10.68 min Scan# 1416

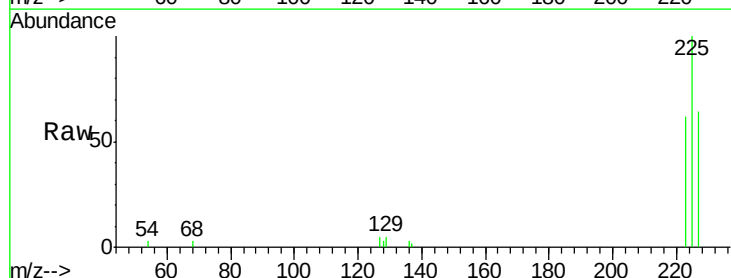
Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Tgt Ion:225 Resp: 4752

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	75.8
227	62.8	50.7	76.1

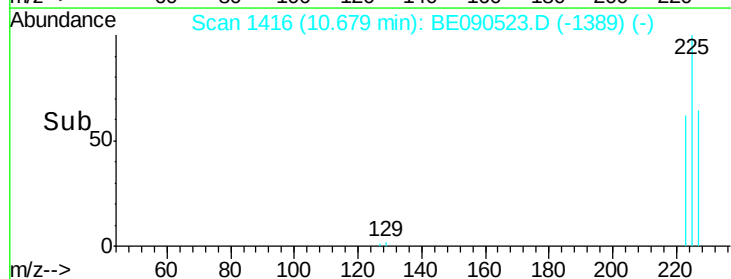
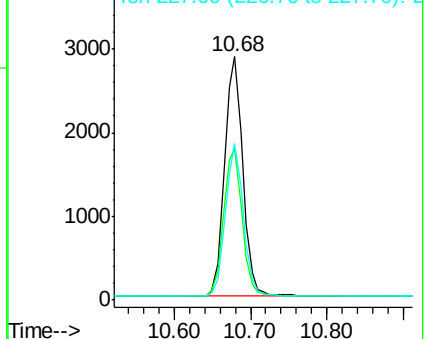


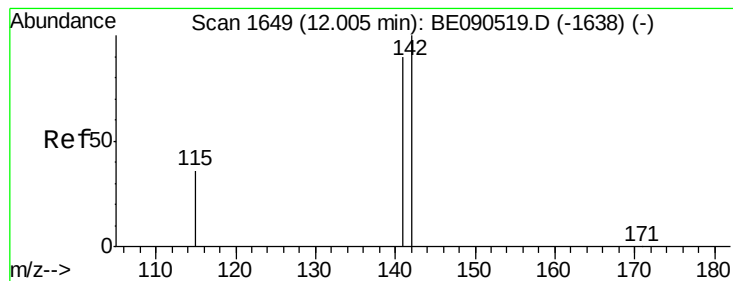
Abundance

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: 0.97 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

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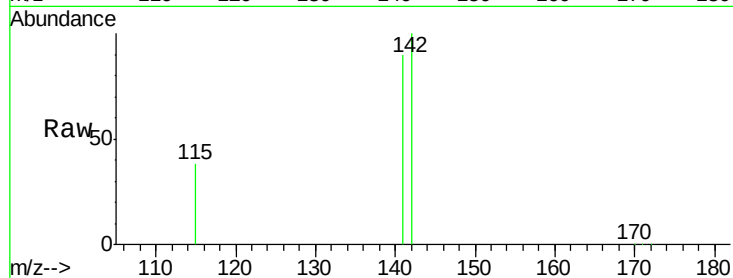
Tot Ion:142 Resp: 20632

Ion Ratio Lower Upper

142 100

141 90.2 72.6 109.0

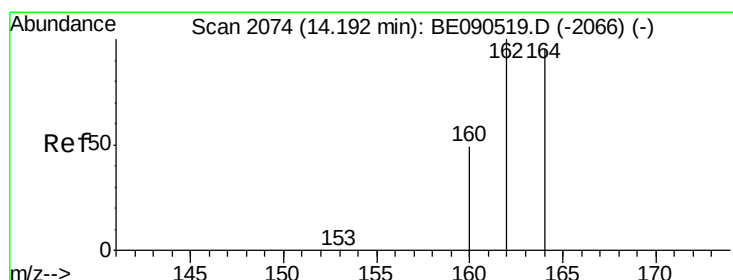
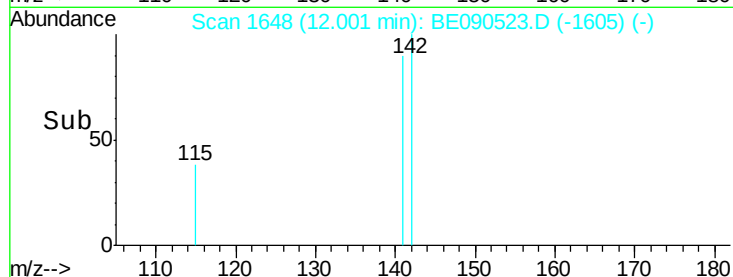
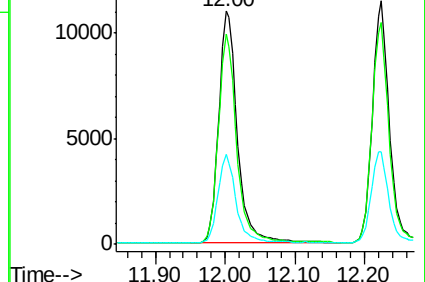
115 38.5 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

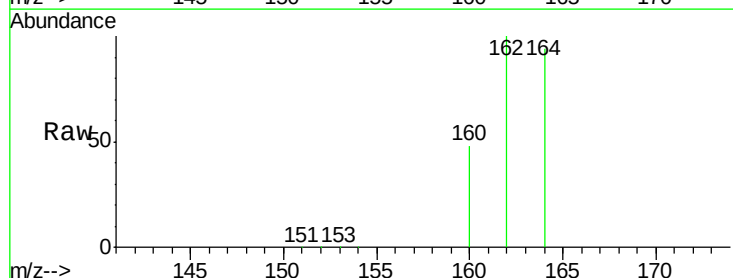
Tgt Ion:164 Resp: 78771

Ion Ratio Lower Upper

164 100

162 105.8 81.8 122.8

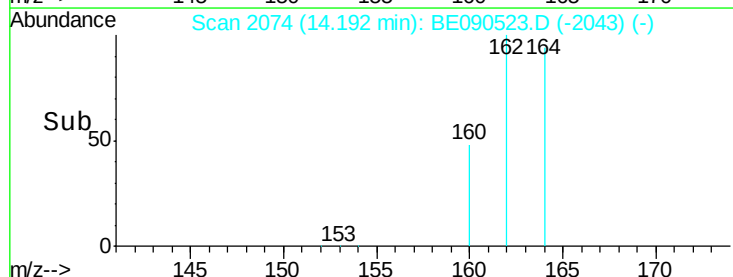
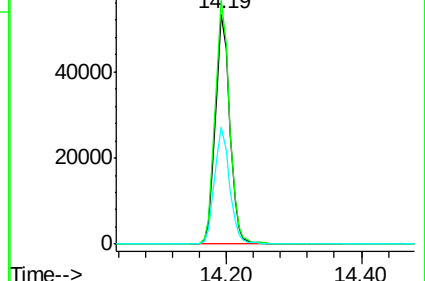
160 50.8 44.2 66.4

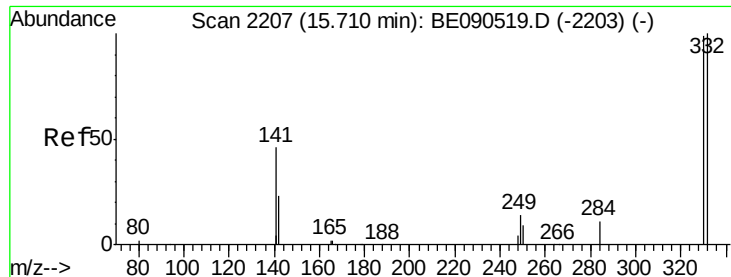


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

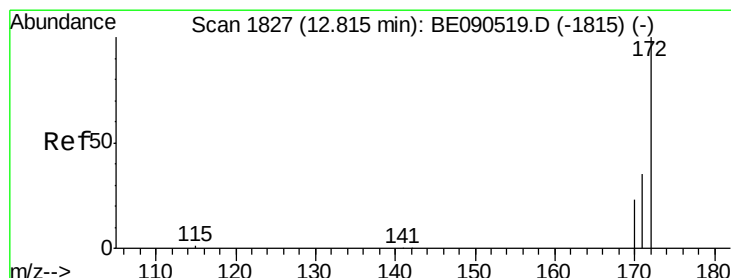
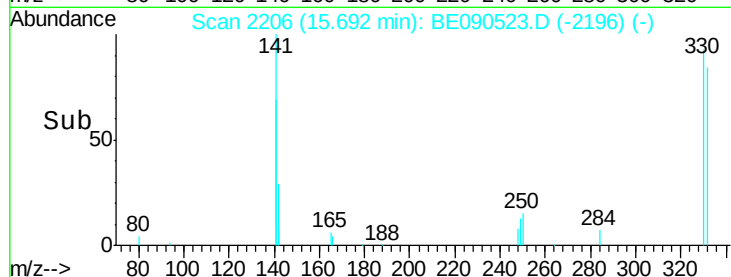
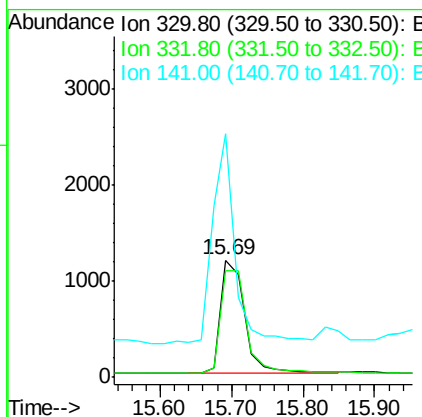
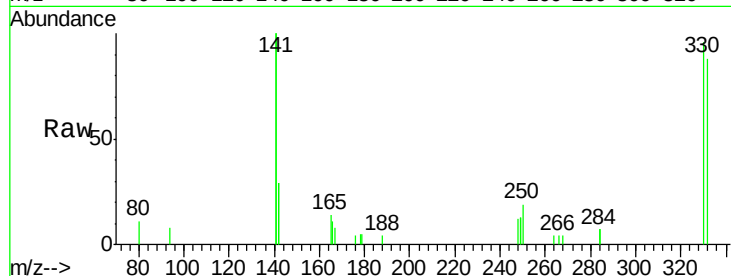




#13
 2,4,6-Tribromophenol
 Concen: 0.92 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090523.D
 Acq: 14 Aug 2015 16:43

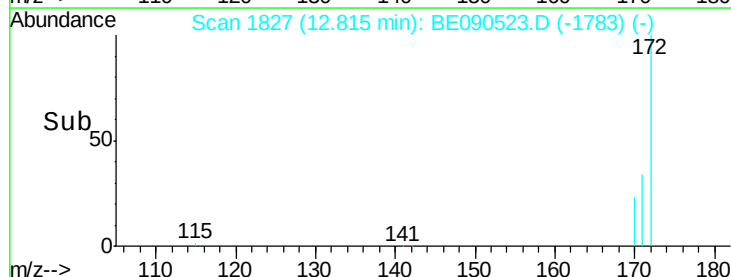
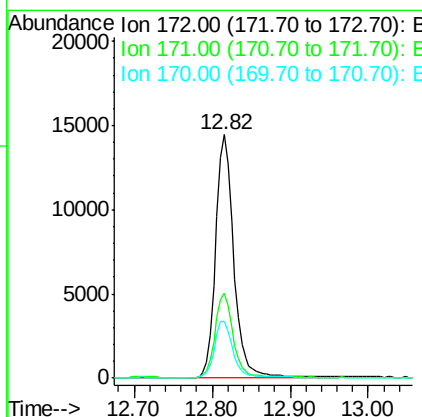
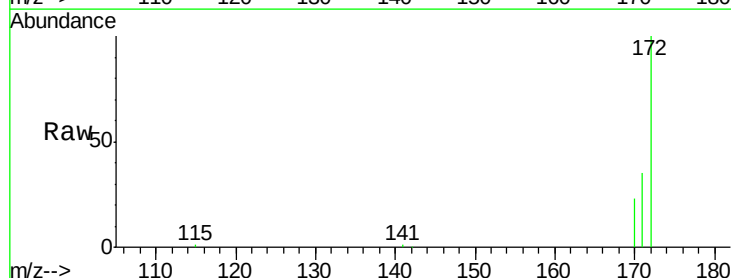
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081415

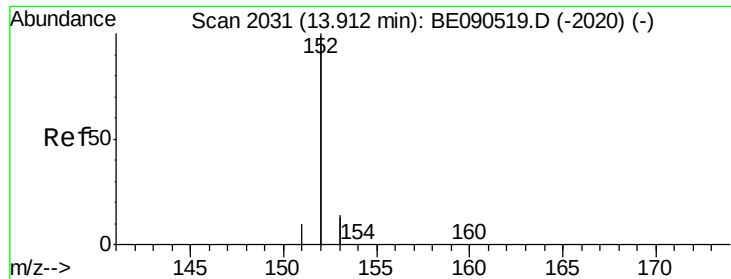
Tot Ion:330 Resp: 2780
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.8 113.6
 141 171.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090523.D
 Acq: 14 Aug 2015 16:43

Tgt Ion:172 Resp: 22935
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.2 19.8 29.8





#15

Acenaphthylene

Concen: 0.97 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

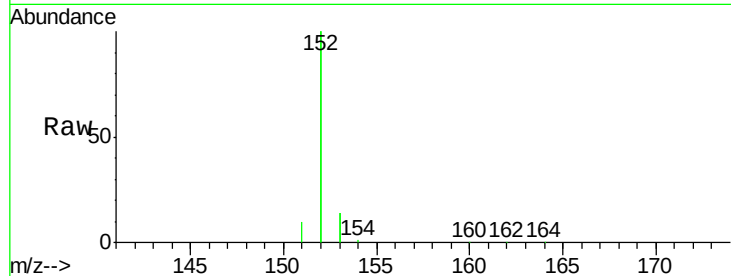
Tot Ion:152 Resp: 139639

Ion Ratio Lower Upper

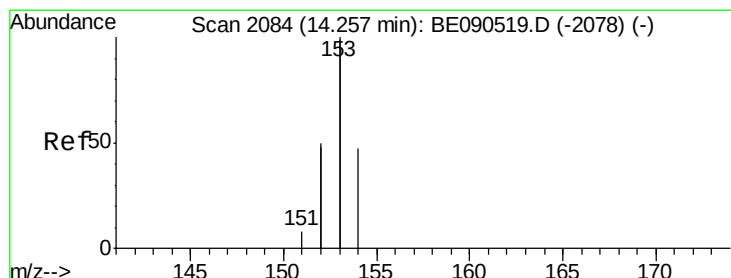
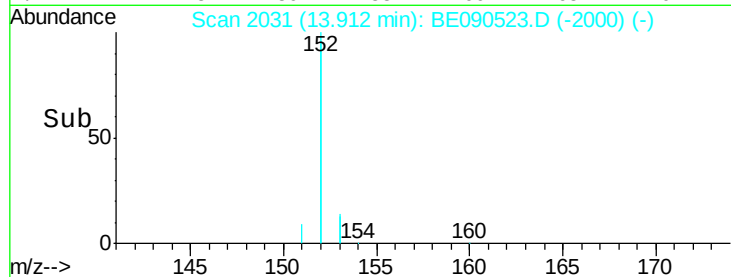
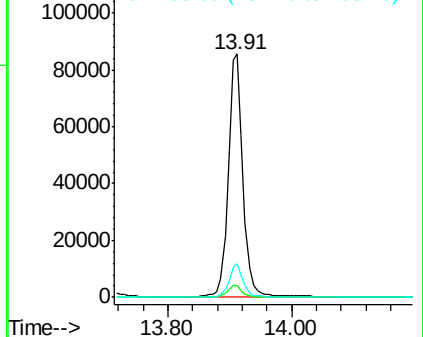
152 100

151 4.9 3.8 5.8

153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.97 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

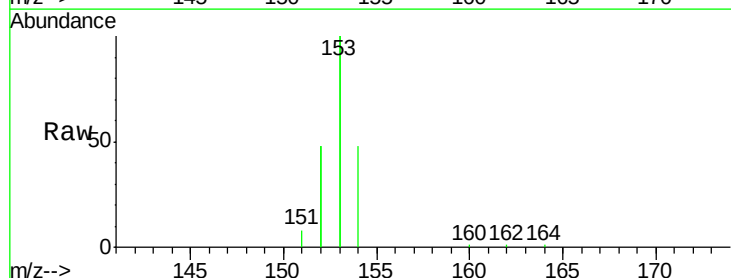
Tgt Ion:154 Resp: 21098

Ion Ratio Lower Upper

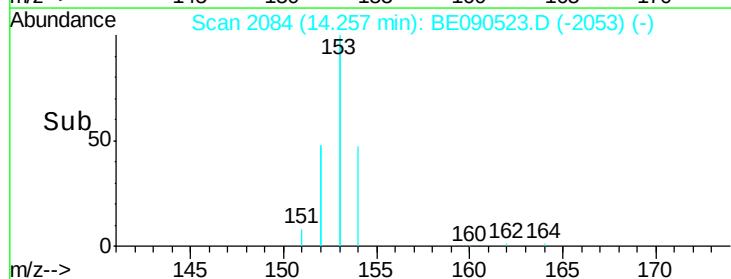
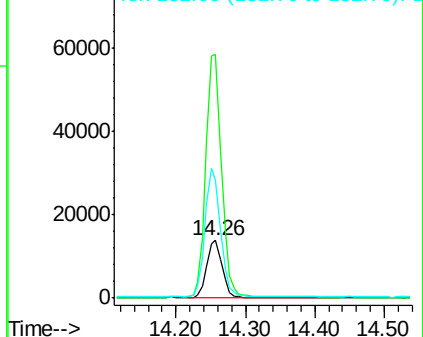
154 100

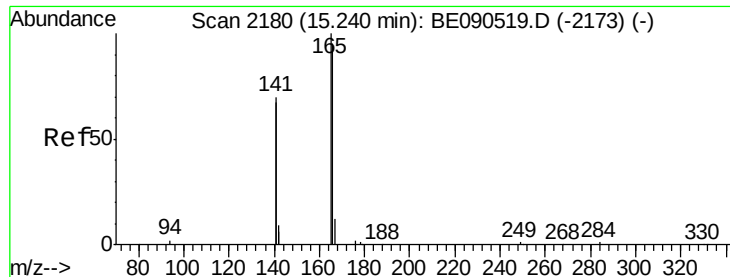
153 431.6 376.2 564.2

152 225.8 235.0 352.4#



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

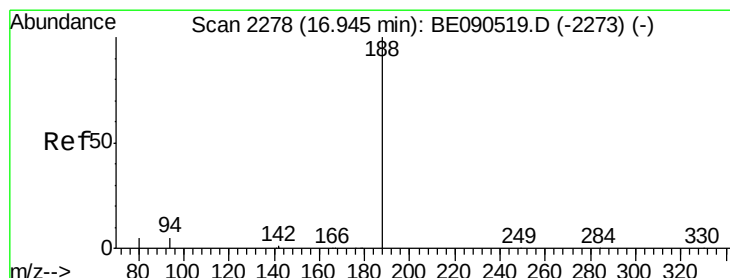
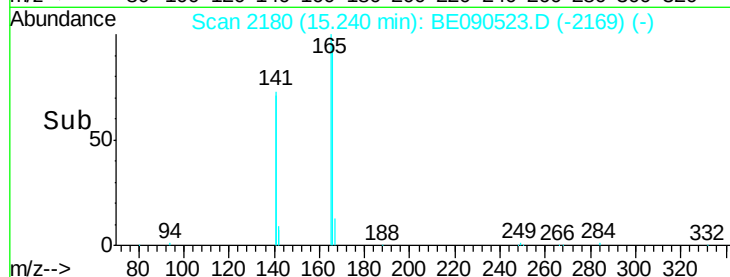
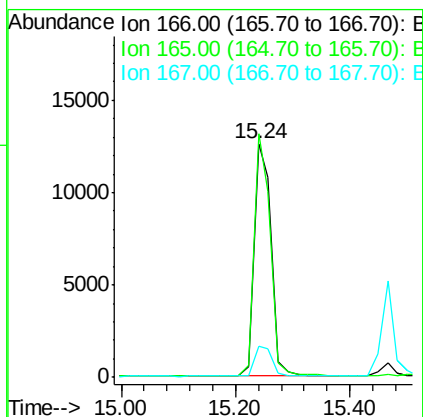
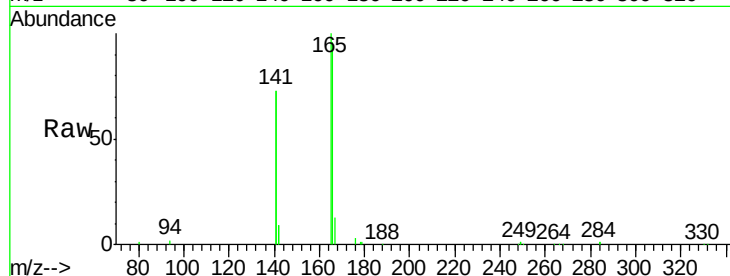




#17
Fluorene
 Concen: 0.99 ng
 RT: 15.24 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BE090523.D
 Acq: 14 Aug 2015 16:43

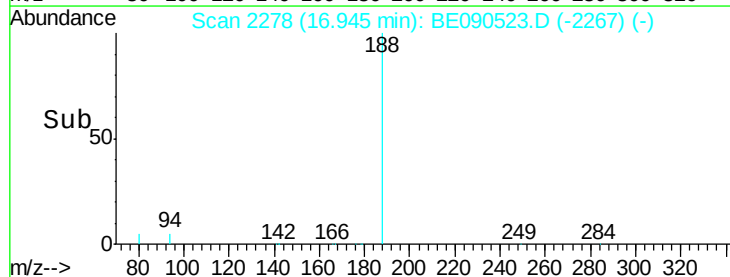
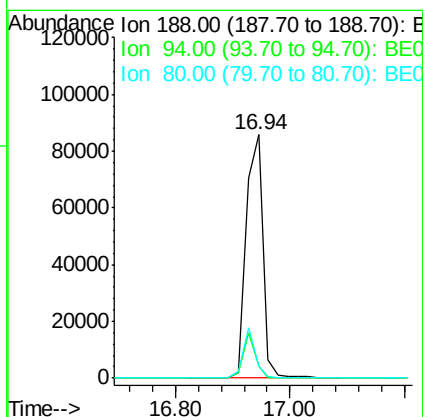
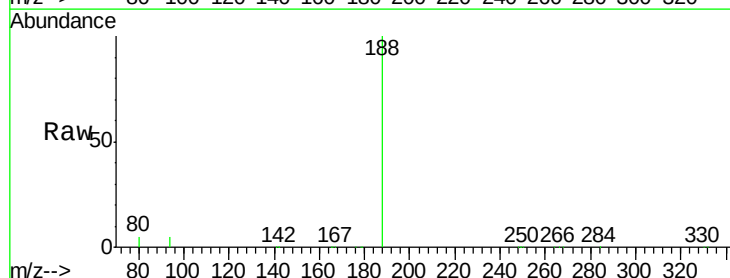
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081415

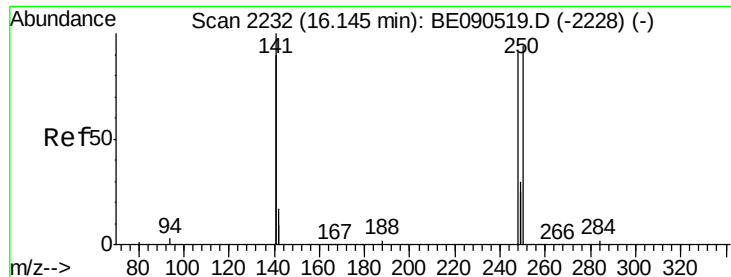
Tot Ion:166 Resp: 26287
 Ion Ratio Lower Upper
 166 100
 165 99.4 81.5 122.3
 167 13.9 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090523.D
 Acq: 14 Aug 2015 16:43

Tgt Ion:188 Resp: 175325
 Ion Ratio Lower Upper
 188 100
 94 4.9 5.7 8.5#
 80 4.9 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 0.97 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

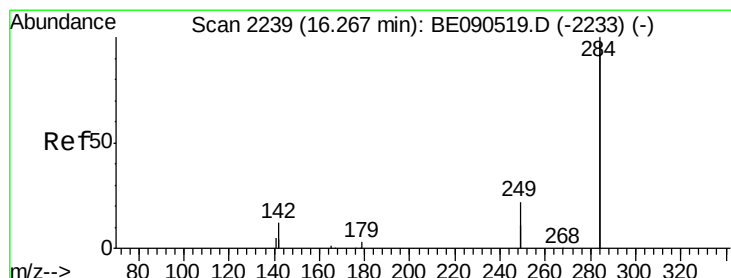
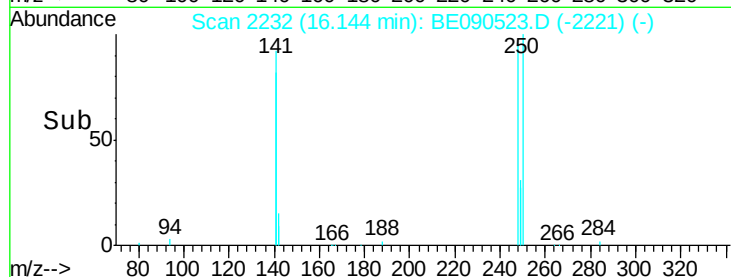
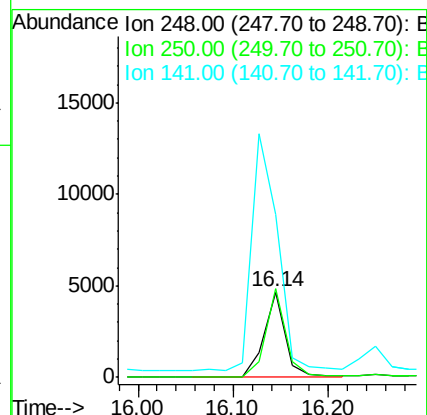
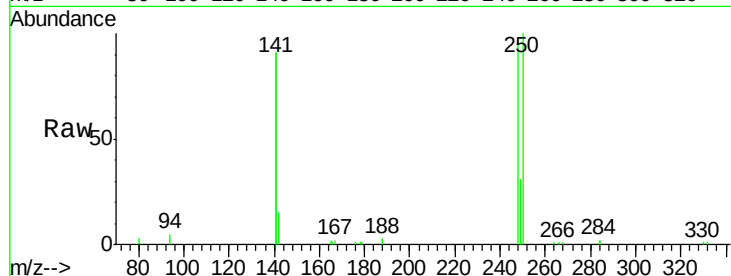
Tot Ion:248 Resp: 6972

Ion Ratio Lower Upper

248 100

250 99.4 79.0 118.6

141 342.3 239.5 359.3



#20

Hexachlorobenzene

Concen: 0.97 ng

RT: 16.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

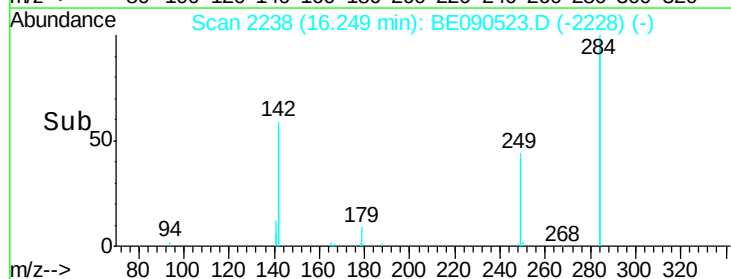
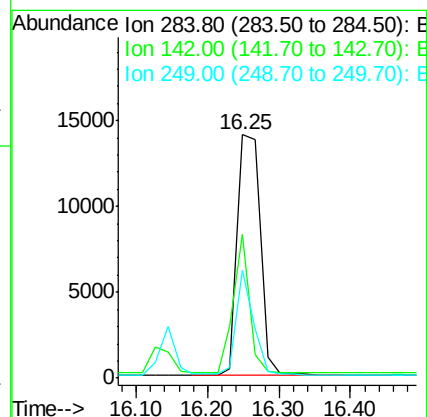
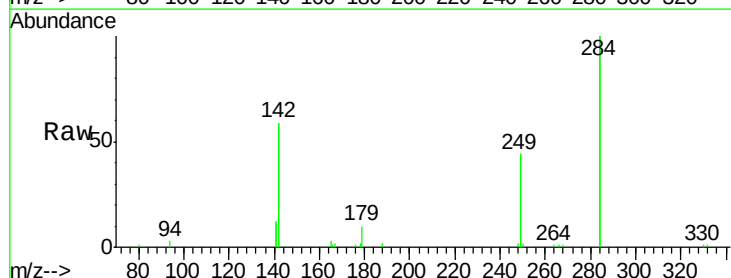
Tgt Ion:284 Resp: 30753

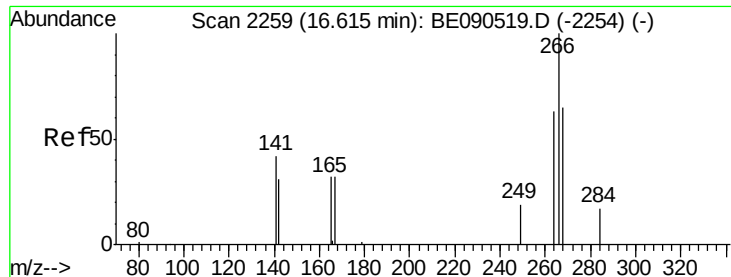
Ion Ratio Lower Upper

284 100

142 40.6 30.1 45.1

249 31.8 25.7 38.5





#21

Pentachlorophenol

Concen: 0.88 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

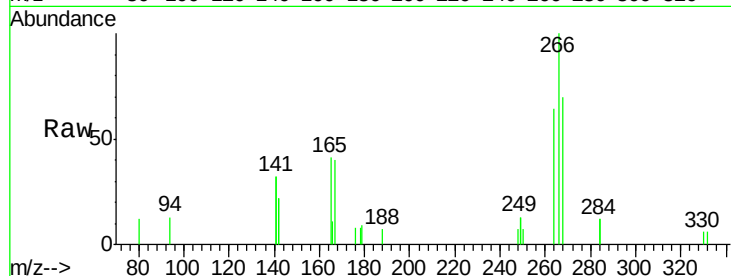
Tot Ion:266 Resp: 2347

Ion Ratio Lower Upper

266 100

268 70.1 58.5 87.7

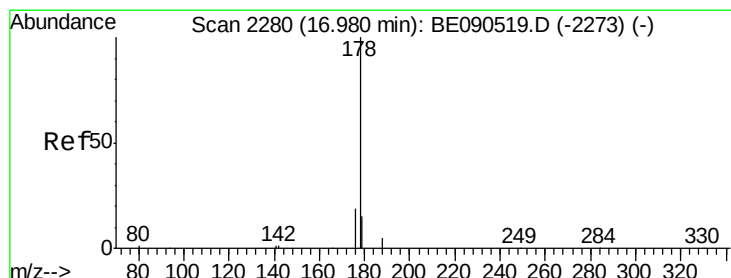
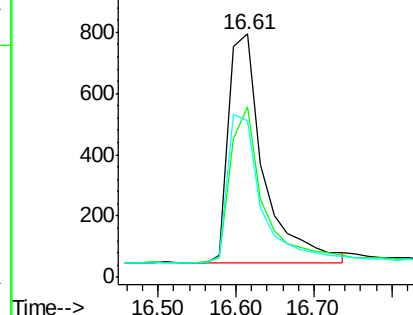
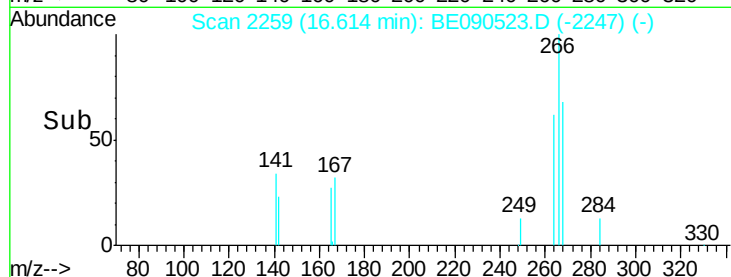
264 64.4 56.0 84.0



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: 0.94 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

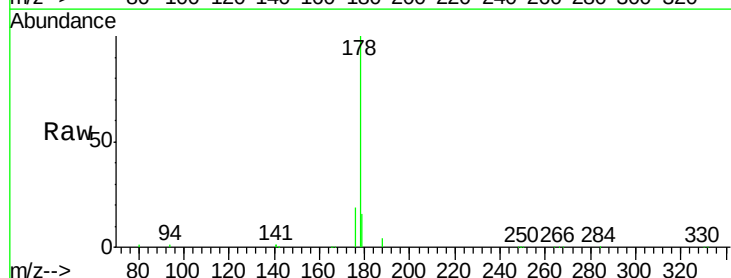
Tgt Ion:178 Resp: 43119

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

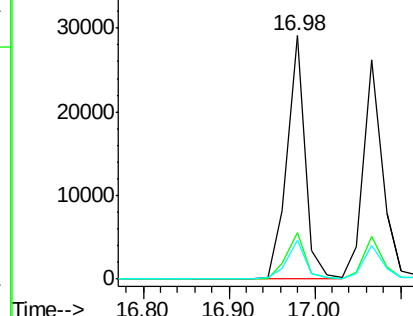
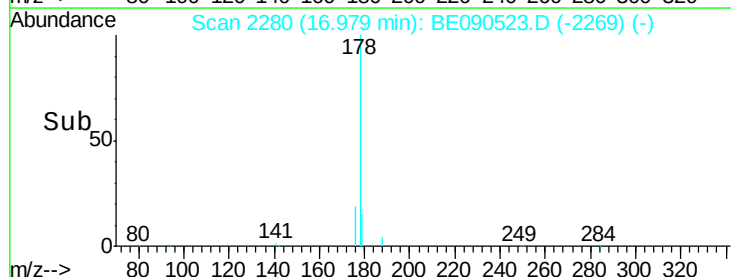
179 15.6 12.5 18.7

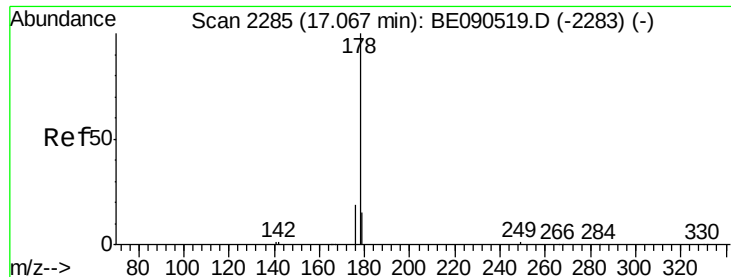


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.96 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

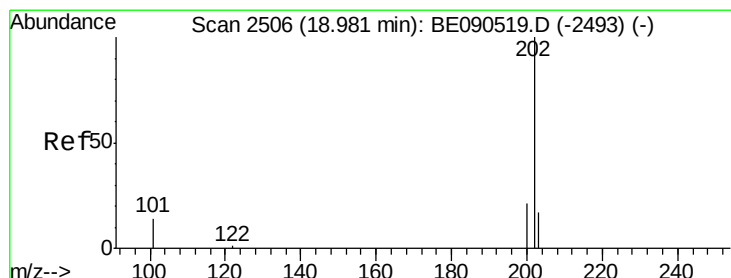
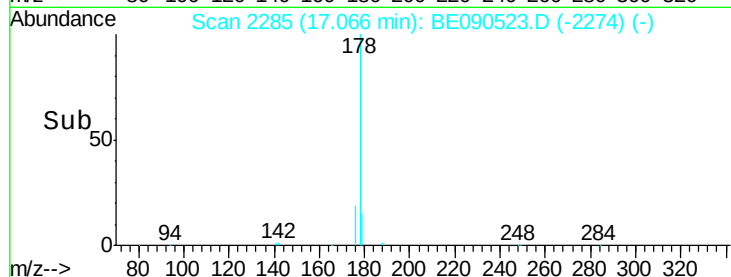
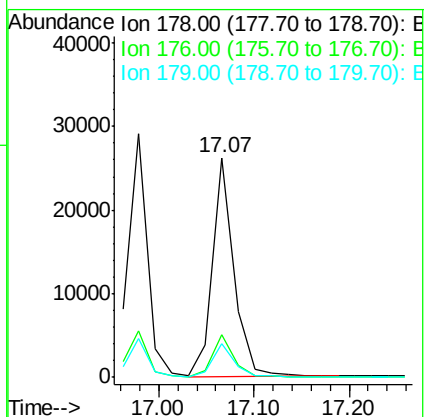
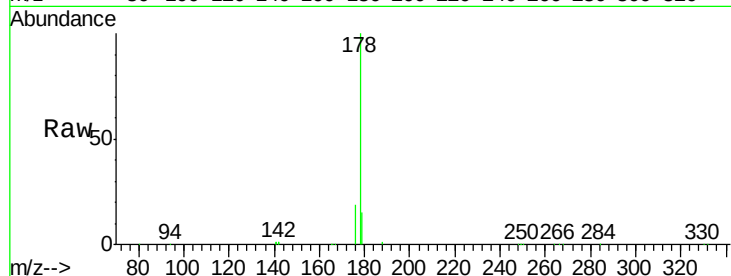
Tot Ion:178 Resp: 40890

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 0.95 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

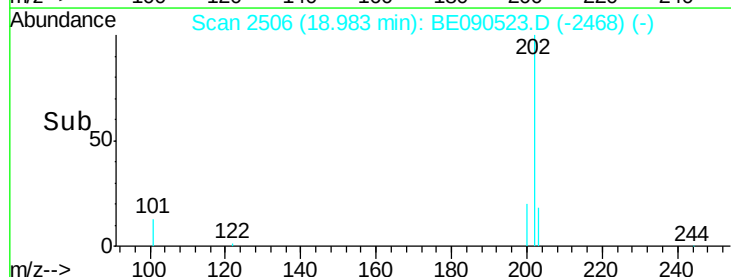
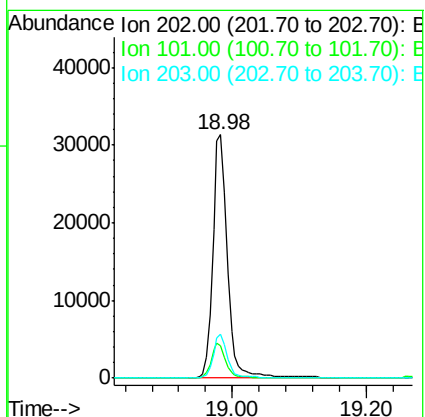
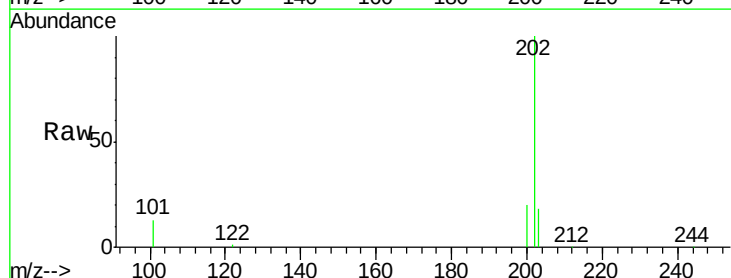
Tgt Ion:202 Resp: 46653

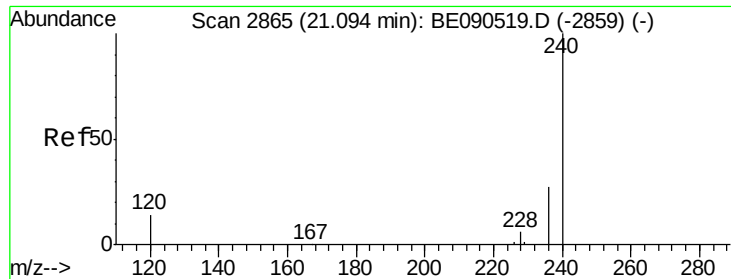
Ion Ratio Lower Upper

202 100

101 14.0 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: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

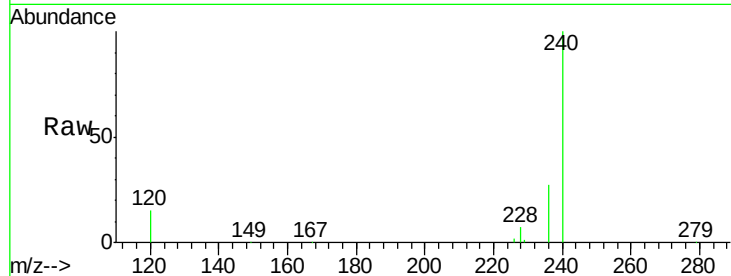
Tot Ion:240 Resp: 174570

Ion Ratio Lower Upper

240 100

120 14.6 8.3 12.5#

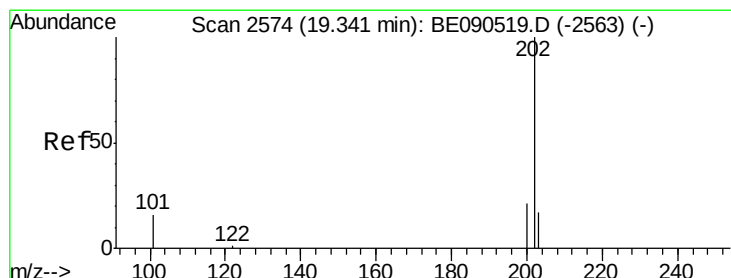
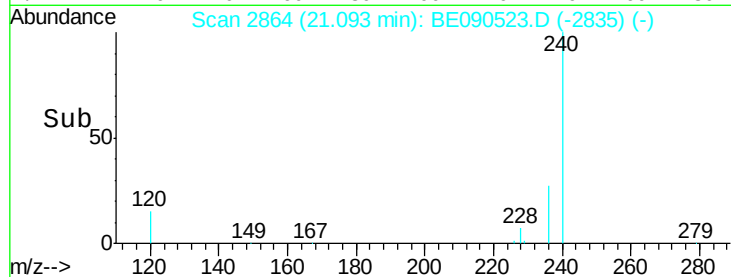
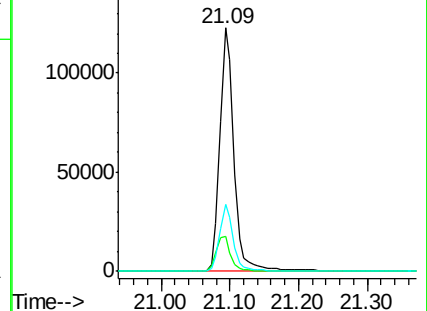
236 27.4 21.0 31.4



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: 0.97 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

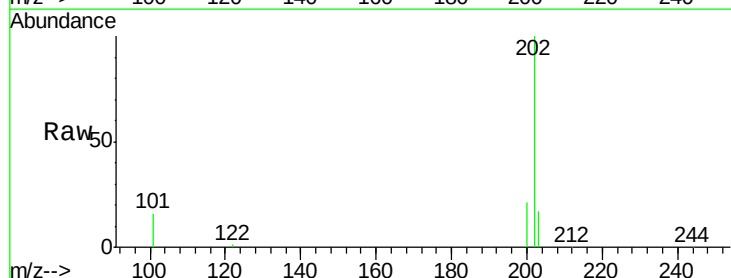
Tgt Ion:202 Resp: 48326

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

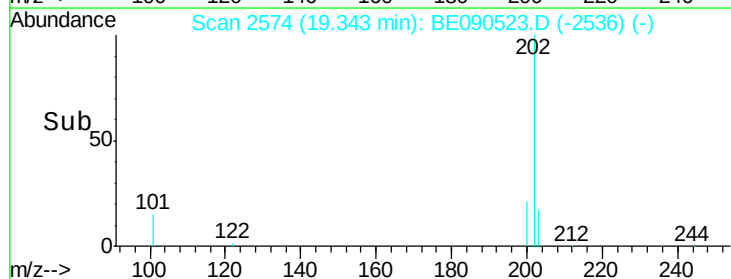
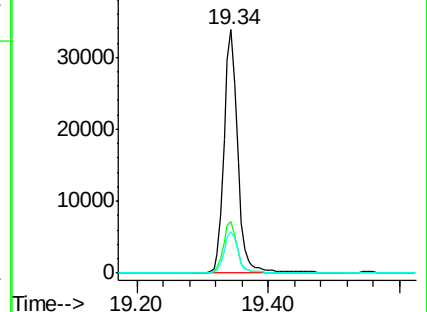
203 17.4 13.8 20.8

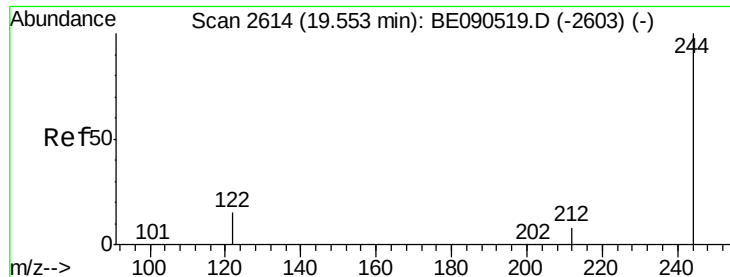


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

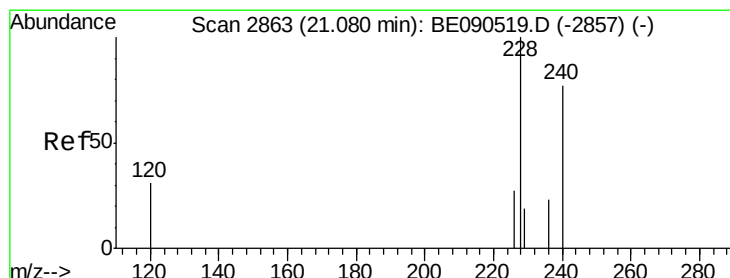
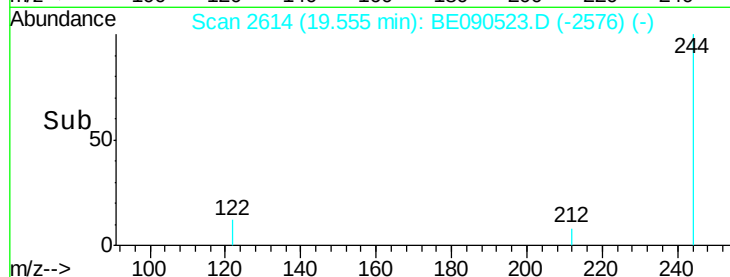
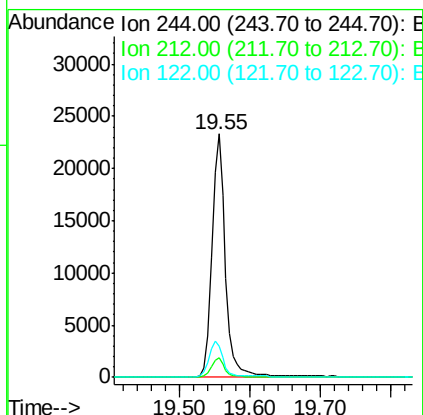
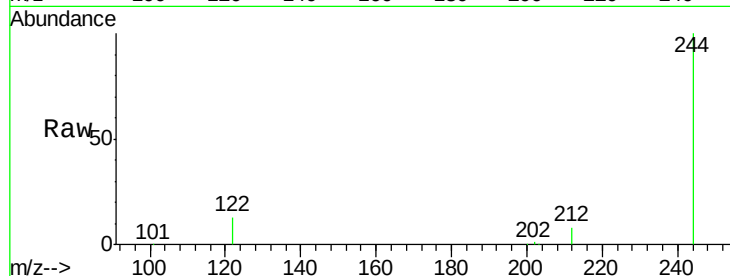




#27
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090523.D
 Acq: 14 Aug 2015 16:43

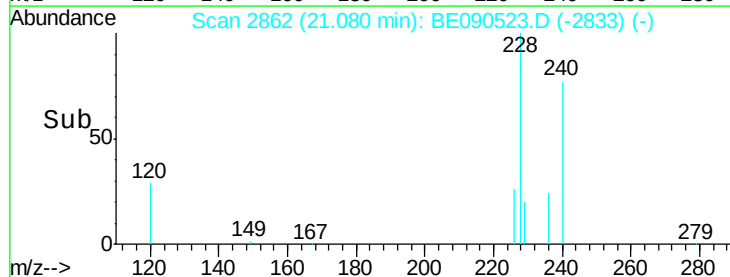
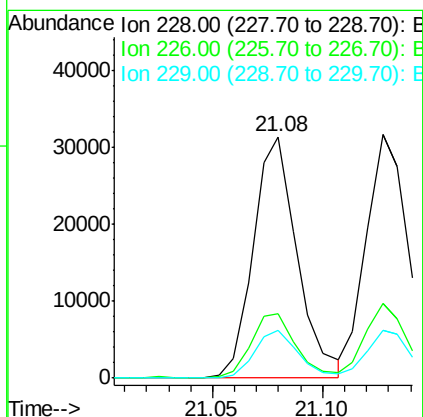
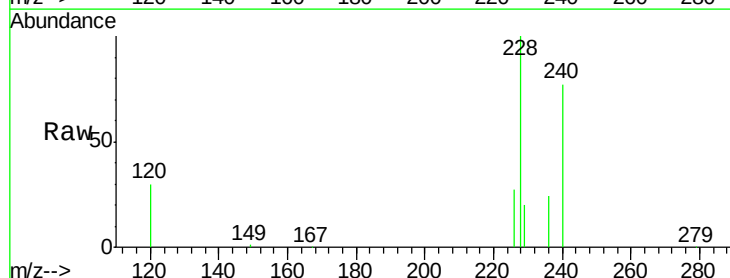
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081415

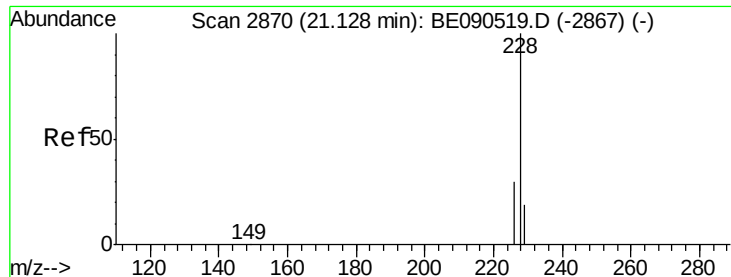
Tot Ion:244 Resp: 31148
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.7 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.95 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090523.D
 Acq: 14 Aug 2015 16:43

Tgt Ion:228 Resp: 43431
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.9 32.9
 229 20.0 15.4 23.0





#29

Chrysene

Concen: 0.97 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

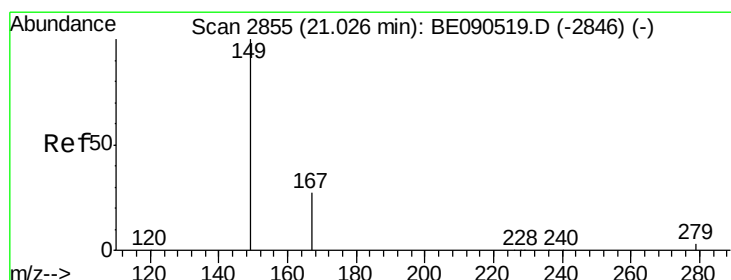
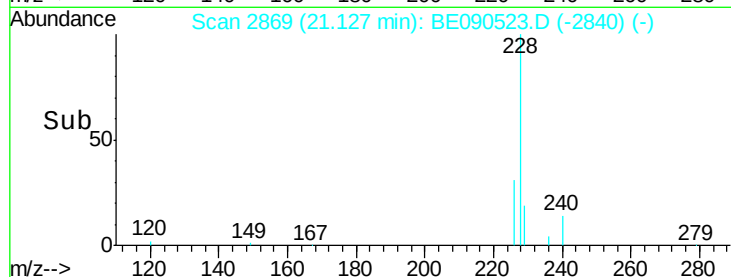
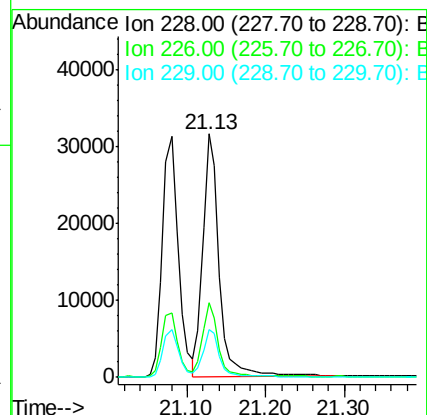
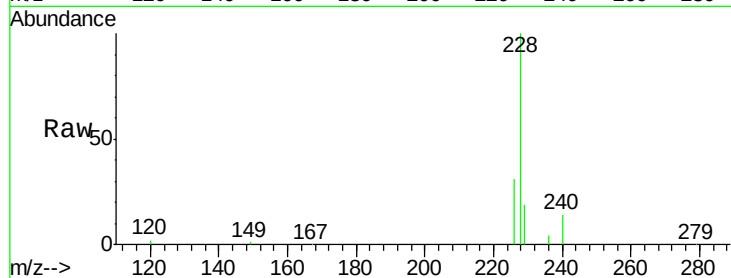
Tot Ion:228 Resp: 45463

Ion Ratio Lower Upper

228 100

226 30.8 23.1 34.7

229 19.5 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.90 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

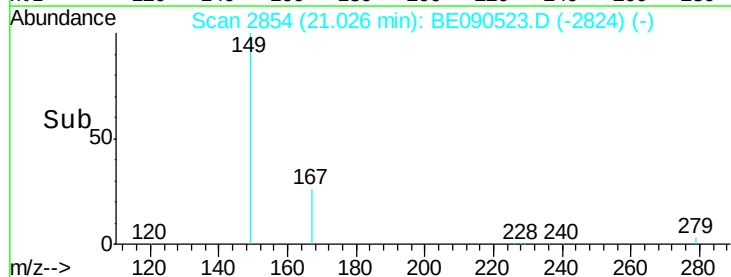
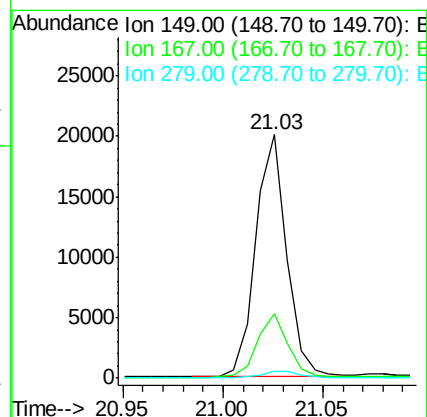
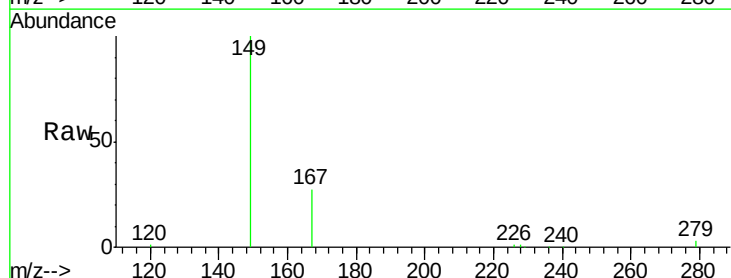
Tgt Ion:149 Resp: 21535

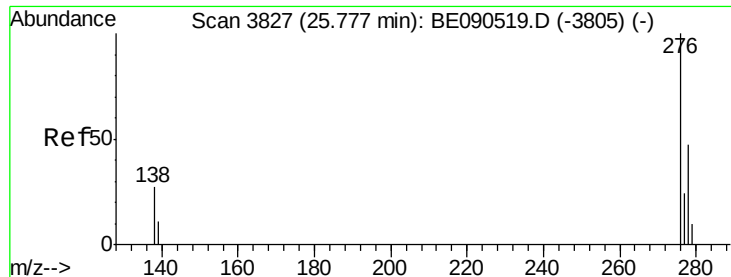
Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

279 3.0 2.4 3.6

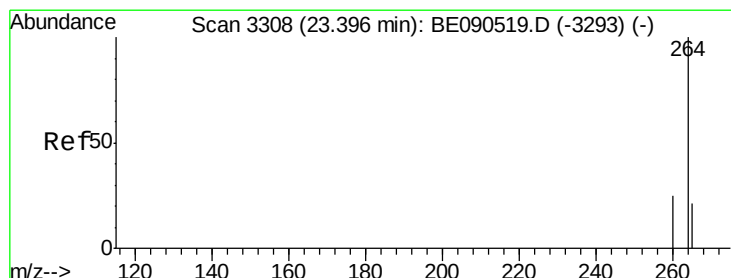
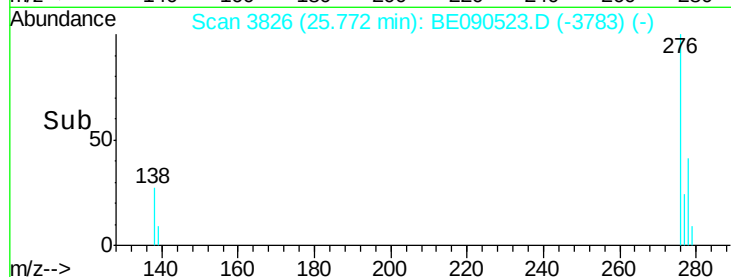
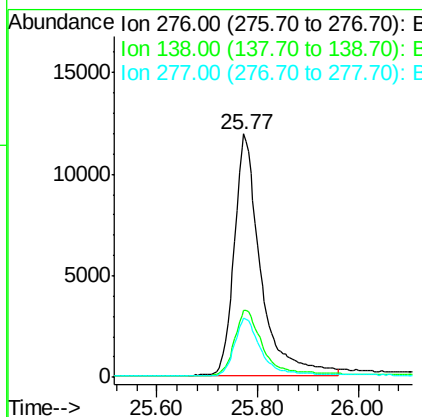
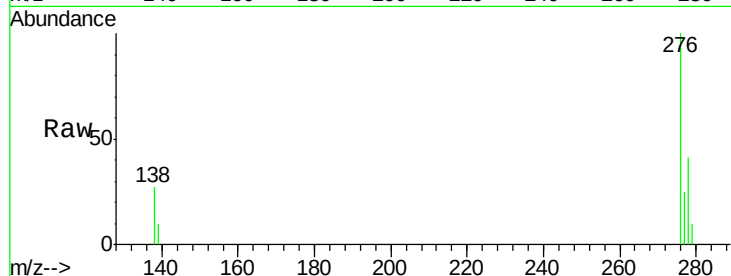




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 25.77 min Scan# 3826
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

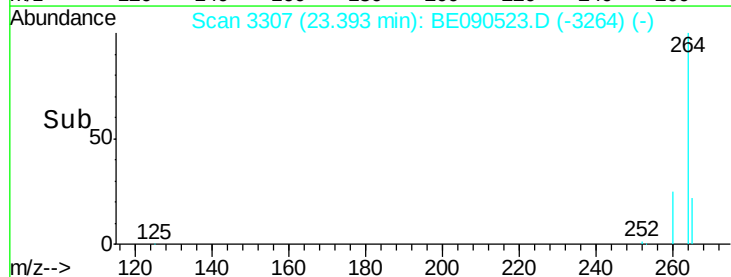
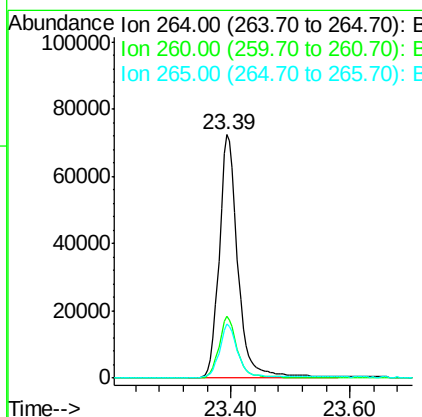
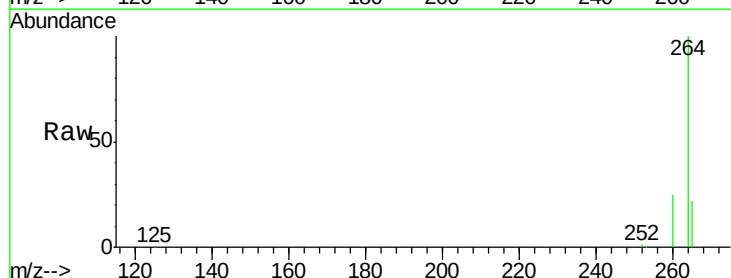
Instrument :
BNA_E
ClientSampleId :
ICVBE081415

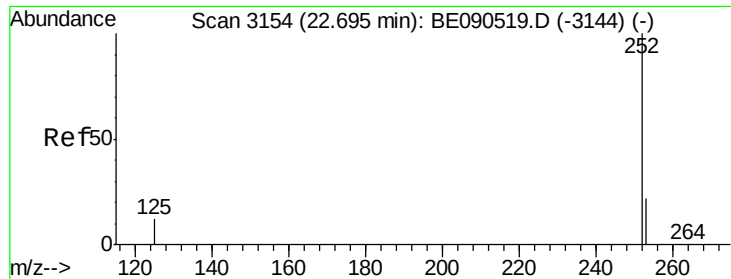
Tot Ion:276 Resp: 43474
Ion Ratio Lower Upper
276 100
138 29.2 18.8 28.2#
277 24.5 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:264 Resp: 158347
Ion Ratio Lower Upper
264 100
260 25.2 20.1 30.1
265 22.0 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.96 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

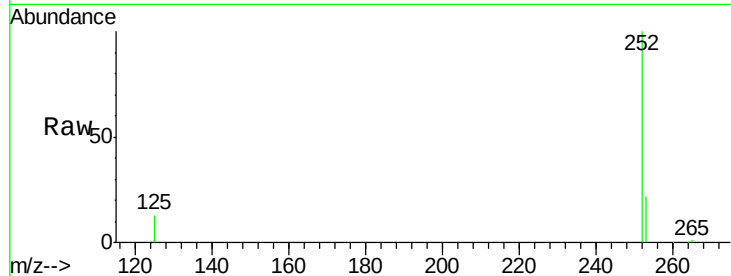
Tot Ion:252 Resp: 35844

Ion Ratio Lower Upper

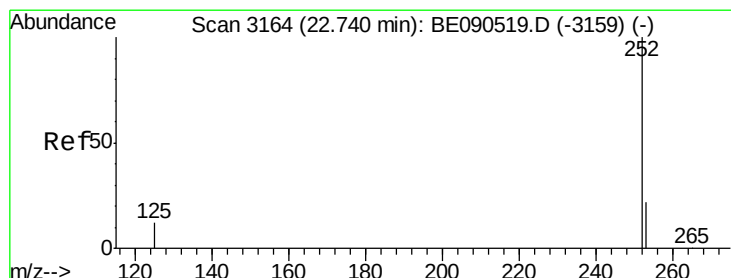
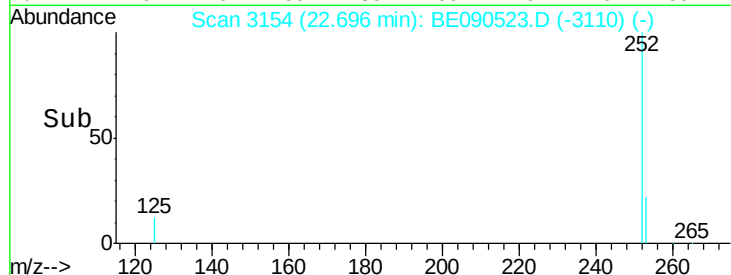
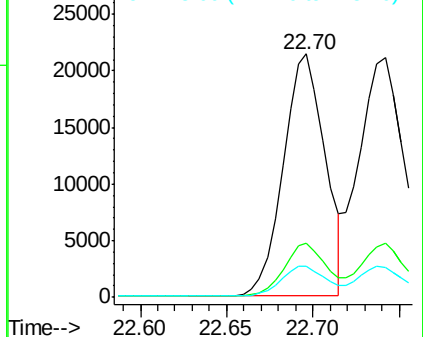
252 100

253 22.3 18.1 27.1

125 12.8 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: 1.02 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

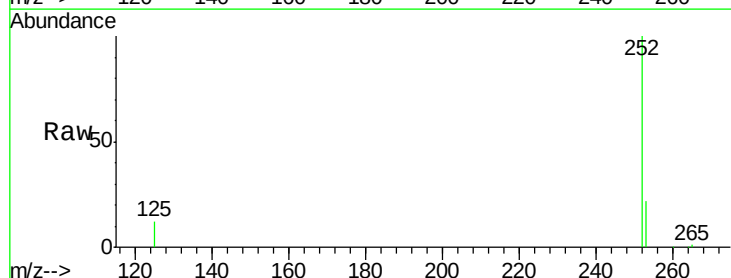
Tgt Ion:252 Resp: 43280

Ion Ratio Lower Upper

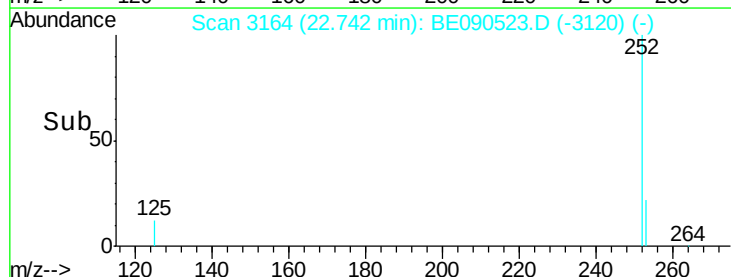
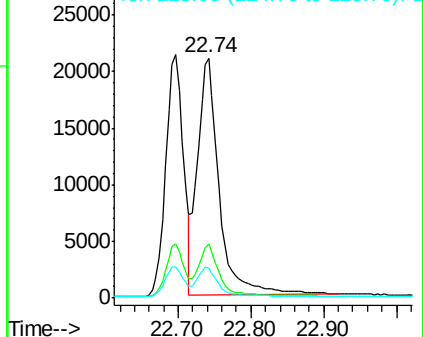
252 100

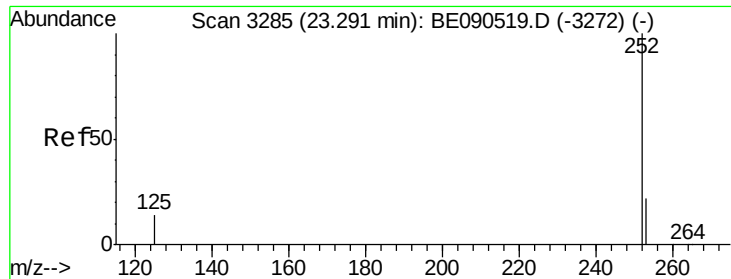
253 22.4 18.1 27.1

125 12.3 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: 0.98 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

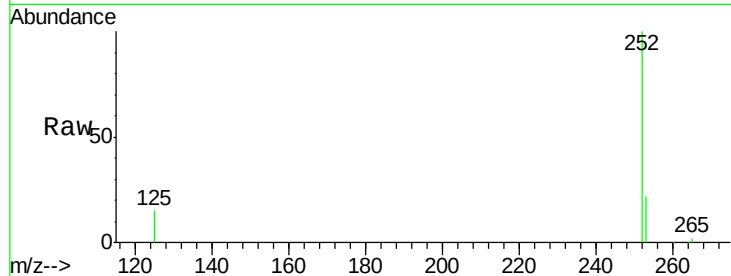
Tot Ion:252 Resp: 34262

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

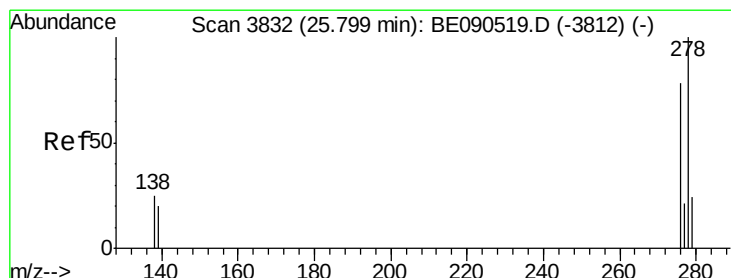
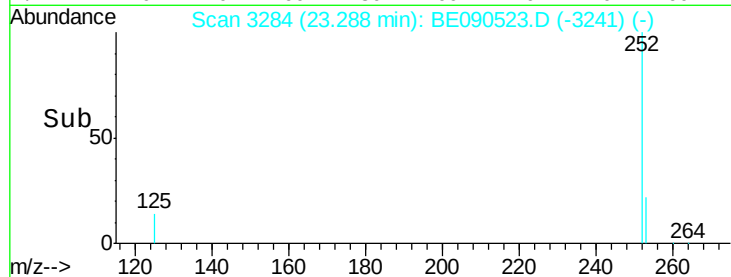
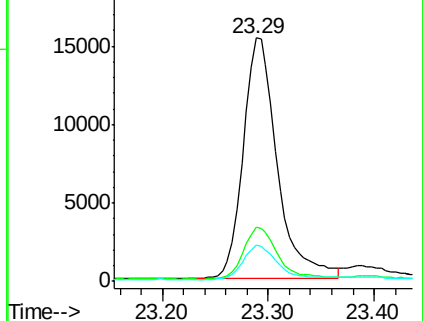
125 14.7 9.8 14.6#



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: 1.00 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

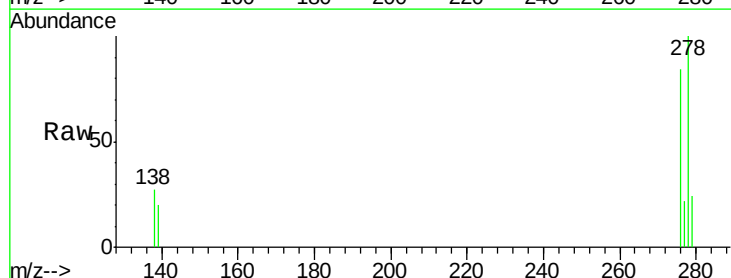
Tgt Ion:278 Resp: 33775

Ion Ratio Lower Upper

278 100

139 20.2 14.2 21.4

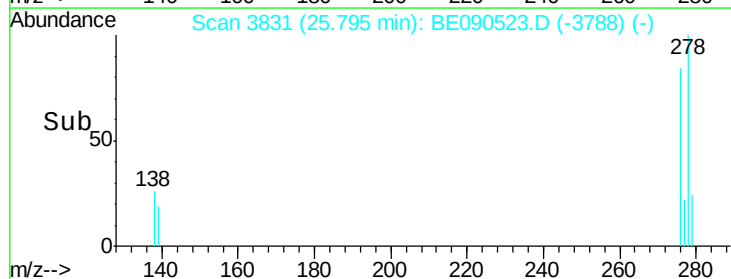
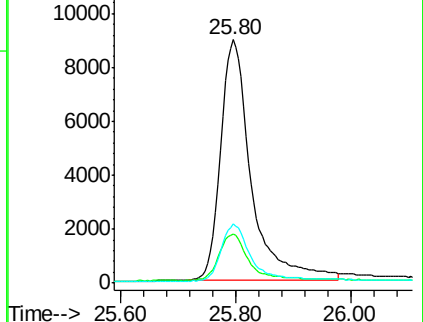
279 24.1 20.1 30.1

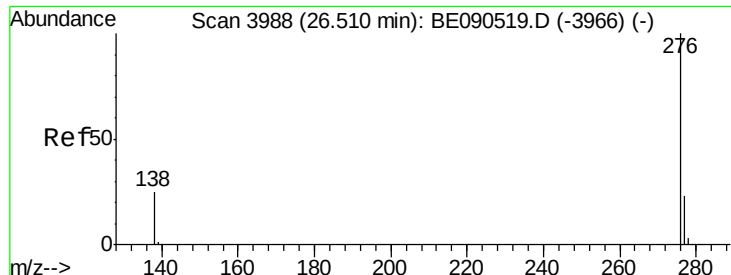


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.99 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090523.D

Acq: 14 Aug 2015 16:43

Instrument :

BNA_E

ClientSampleId :

ICVBE081415

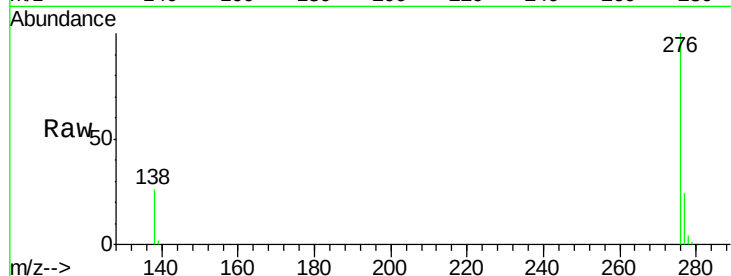
Tot Ion: 276 Resp: 36555

Ion Ratio Lower Upper

276 100

277 24.3 20.1 30.1

138 26.0 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

