

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090156.D
 Acq On : 17 Jul 2015 21:37
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Quant Time: Jul 18 00:03:29 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 23:58:28 2015
 Response via : Initial Calibration

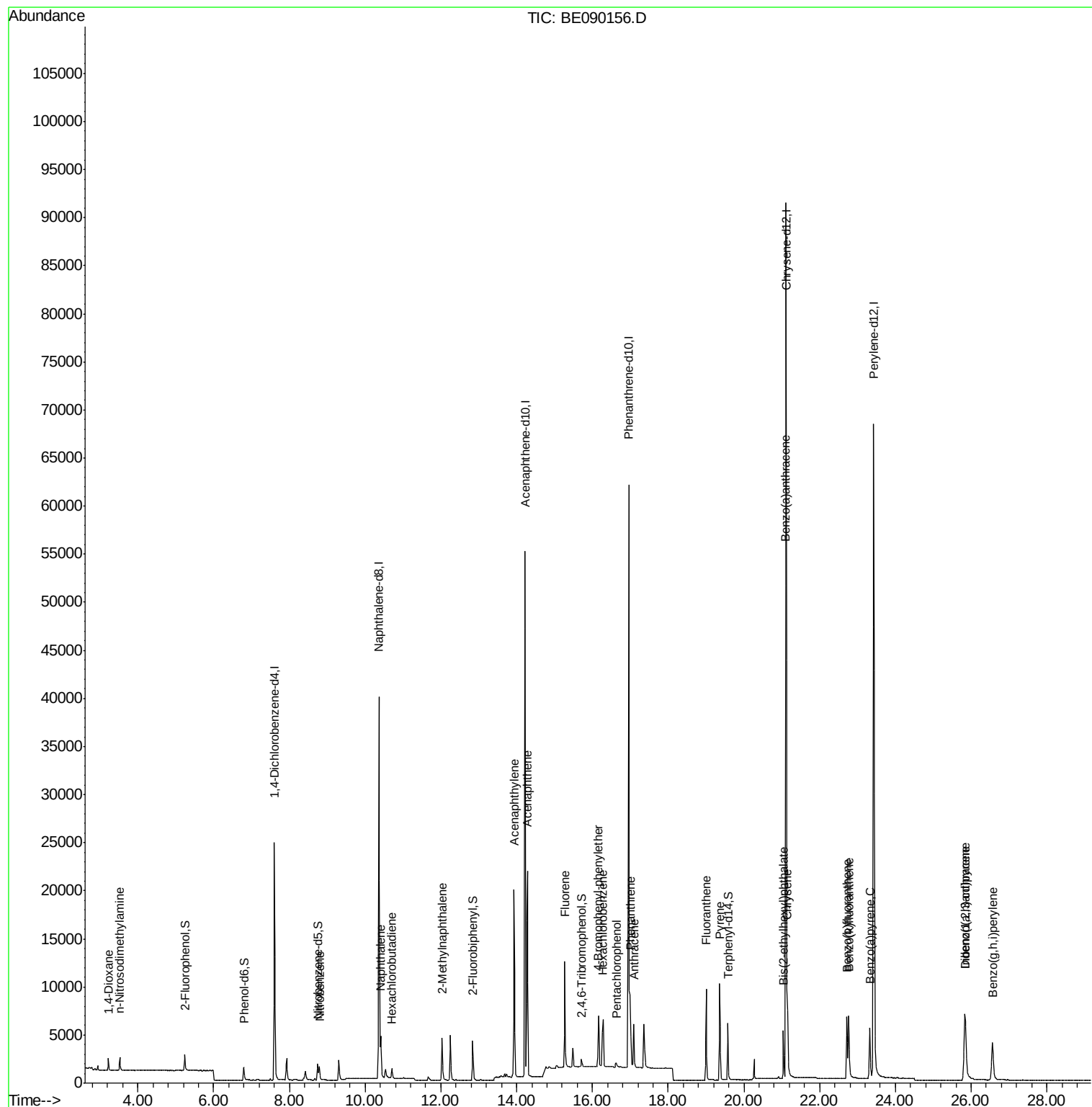
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12360	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	56741	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	30944	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	76824	5.00	ng	0.00
25) Chrysene-d12	21.12	240	89228	5.00	ng	0.00
32) Perylene-d12	23.43	264	93589	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1351	0.50	ng	0.00
5) Phenol-d6	6.80	99	1721	0.46	ng	0.00
7) Nitrobenzene-d5	8.75	82	1752	0.42	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	312	0.55	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	4361	0.46	ng	0.00
27) Terphenyl-d14	19.58	244	6844	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	738	0.45	ng	99
3) n-Nitrosodimethylamine	3.51	42	1020	0.51	ng	95
8) Nitrobenzene	8.79	77	1702	0.39	ng	98
9) Naphthalene	10.42	128	5722	0.45	ng	99
10) Hexachlorobutadiene	10.71	225	711	0.34	ng	98
11) 2-Methylnaphthalene	12.03	142	3738	0.45	ng	99
15) Acenaphthylene	13.93	152	26029	0.47	ng	100
16) Acenaphthene	14.28	154	3652	0.46	ng	98
17) Fluorene	15.27	166	4886	0.47	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	1331	0.41	ng	97
20) Hexachlorobenzene	16.28	284	4757	0.35	ng	99
21) Pentachlorophenol	16.63	266	356	0.55	ng	97
22) Phenanthrene	17.00	178	8090	0.42	ng	99
23) Anthracene	17.10	178	7471	0.44	ng	99
24) Fluoranthene	19.00	202	8994	0.47	ng	99
26) Pyrene	19.36	202	9228	0.39	ng	100
28) Benzo(a)anthracene	21.10	228	9356	0.59	ng	100
29) Chrysene	21.15	228	9776	0.37	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	4399	1.02	ng	100
31) Indeno(1,2,3-cd)pyrene	25.83	276	11281	1.44	ng	99
33) Benzo(b)fluoranthene	22.72	252	8700	0.98	ng	99
34) Benzo(k)fluoranthene	22.77	252	10282	0.52	ng	99
35) Benzo(a)pyrene	23.33	252	8518	0.76	ng	98
36) Dibenzo(a,h)anthracene	25.85	278	8972	1.27	ng	99
37) Benzo(g,h,i)perylene	26.56	276	9496	0.80	ng	97

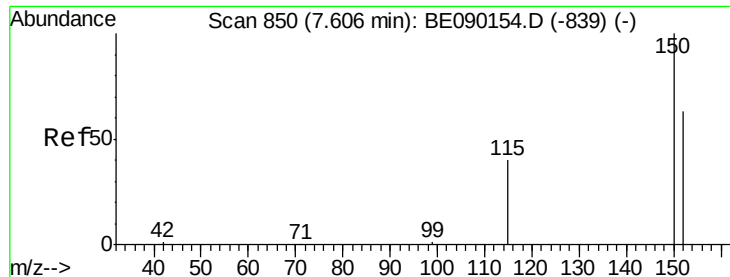
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. -0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

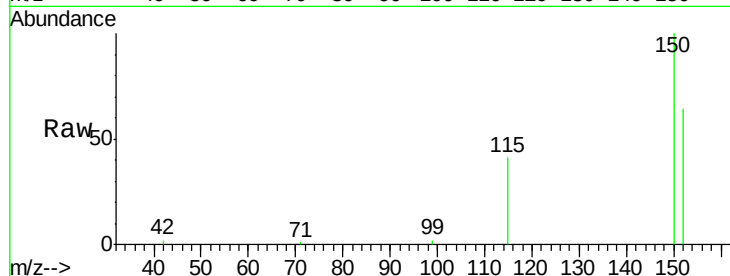
Tgt Ion: 152 Resp: 12360

Ion Ratio Lower Upper

152 100

150 157.5 127.2 190.8

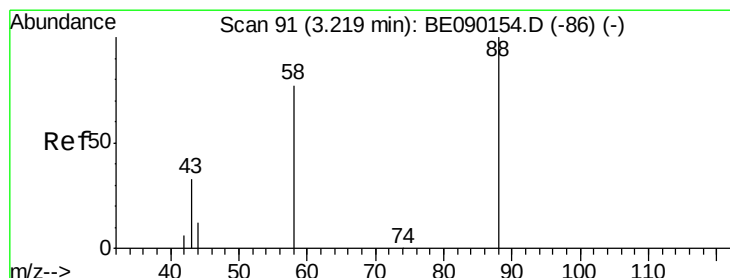
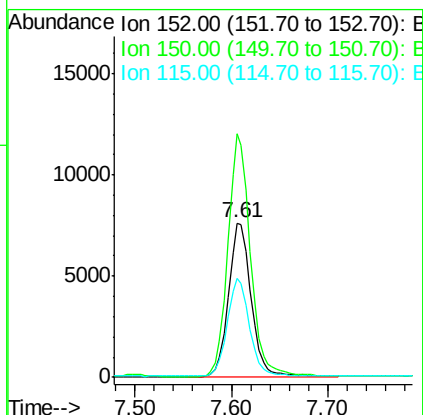
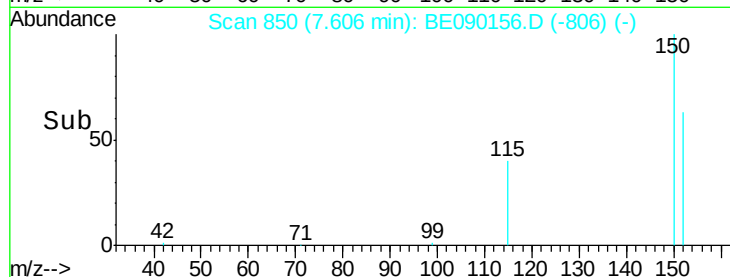
115 63.8 51.6 77.4



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: 0.45 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

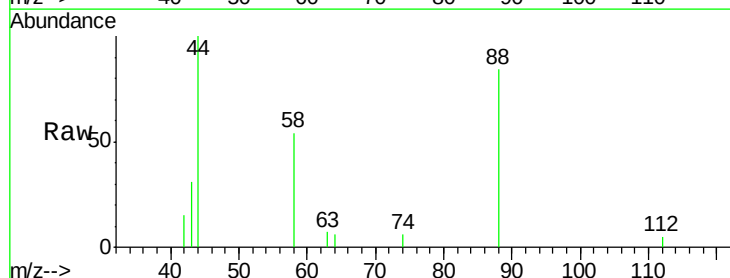
Tgt Ion: 88 Resp: 738

Ion Ratio Lower Upper

88 100

58 72.1 58.2 87.2

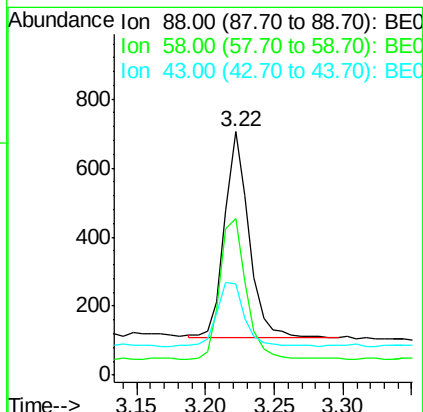
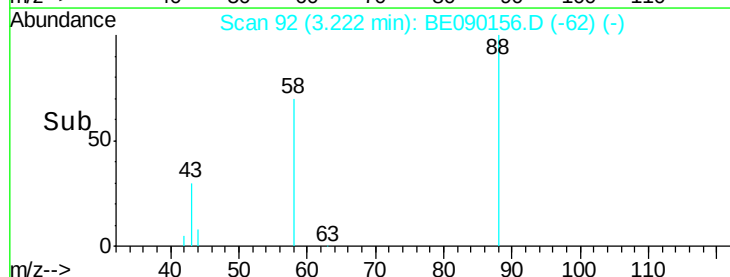
43 34.7 27.7 41.5

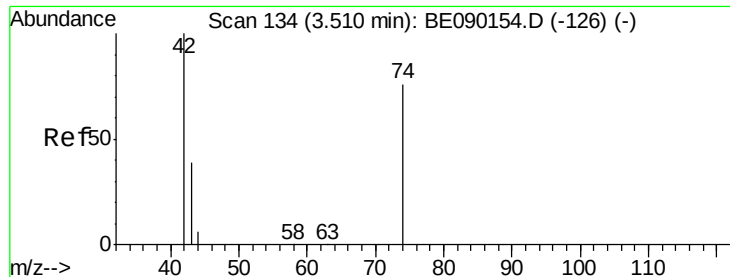


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



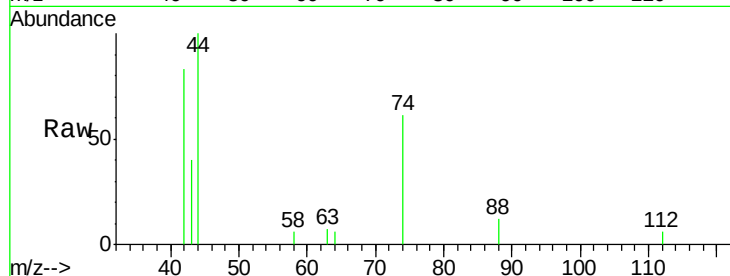


#3

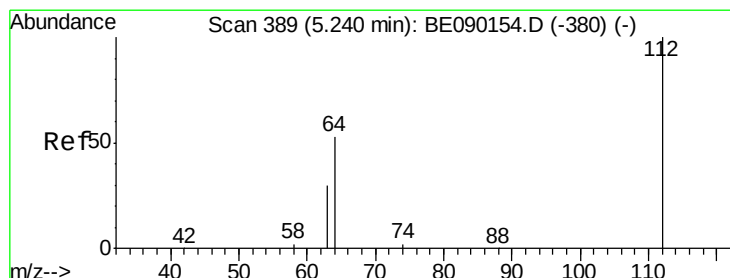
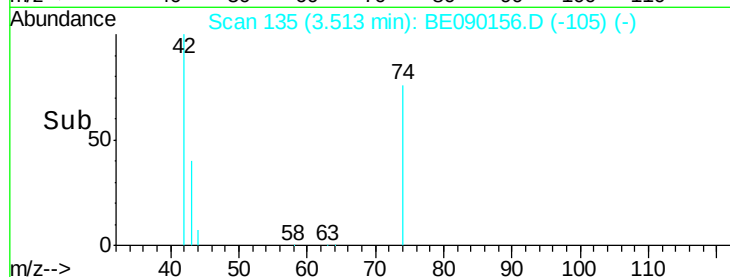
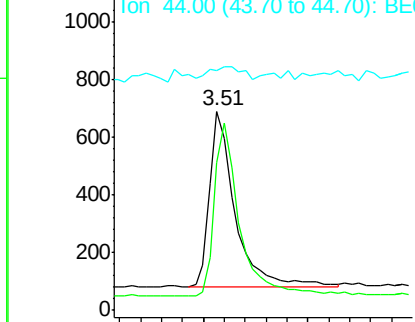
n-Nitrosodimethylamine
 Concen: 0.51 ng
 RT: 3.51 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: BE090156.D
 Acq: 17 Jul 2015 21:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 42 Resp: 1020
 Ion Ratio Lower Upper
 42 100
 74 97.7 82.2 123.4
 44 8.7 7.5 11.3



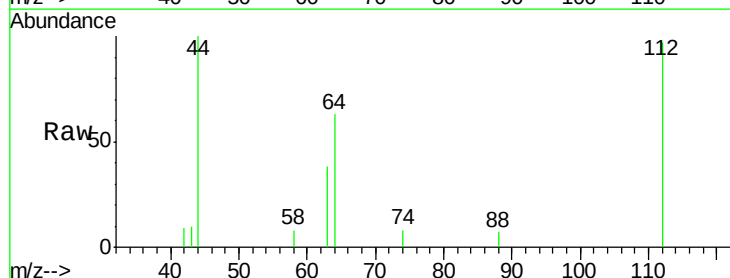
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



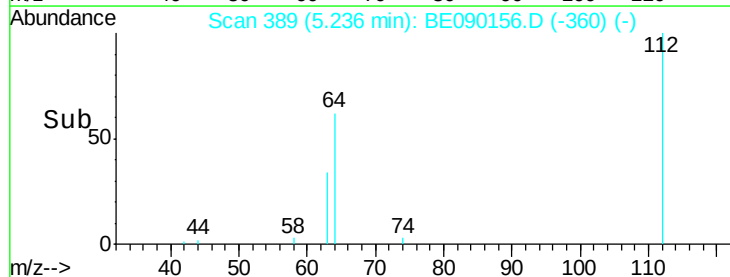
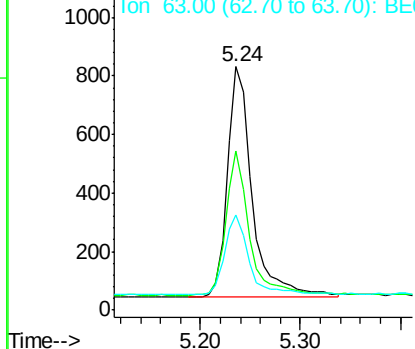
#4

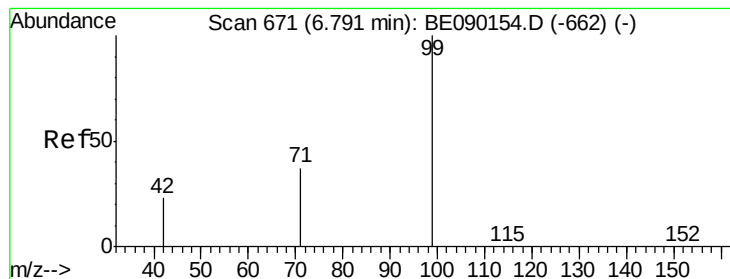
2-Fluorophenol
 Concen: 0.50 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BE090156.D
 Acq: 17 Jul 2015 21:37

Tgt Ion: 112 Resp: 1351
 Ion Ratio Lower Upper
 112 100
 64 61.1 46.7 70.1
 63 34.0 27.3 40.9



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: 0.46 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

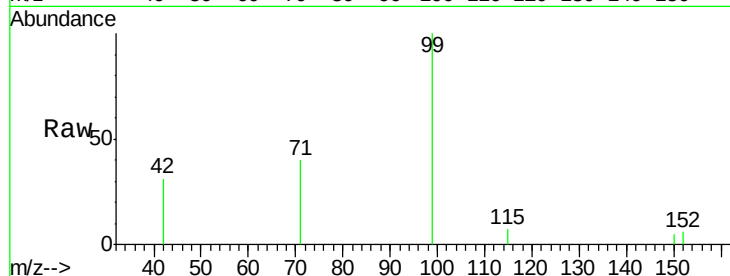
Tgt Ion: 99 Resp: 1721

Ion Ratio Lower Upper

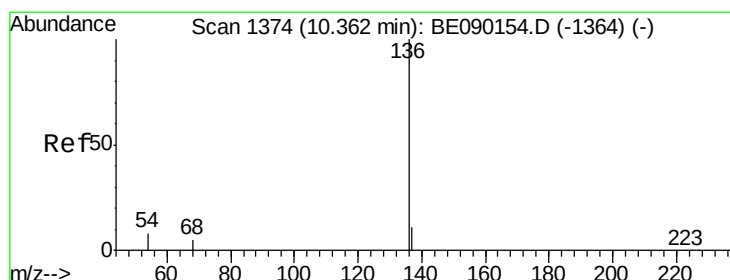
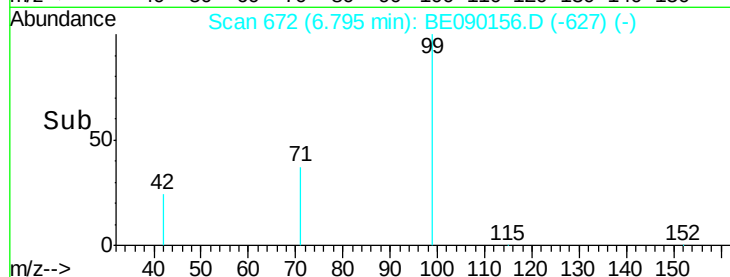
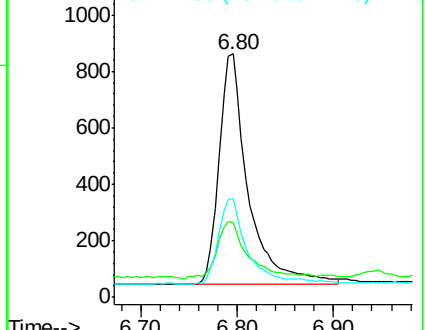
99 100

42 26.1 19.1 28.7

71 37.5 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Tgt Ion: 136 Resp: 56741

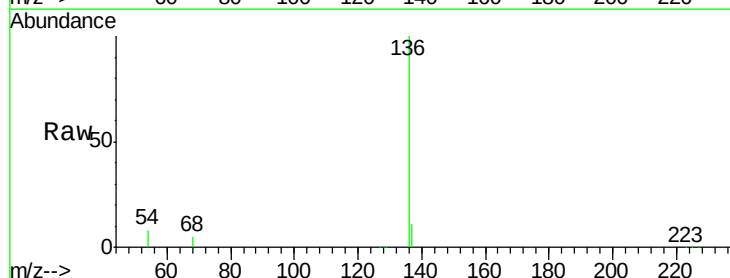
Ion Ratio Lower Upper

136 100

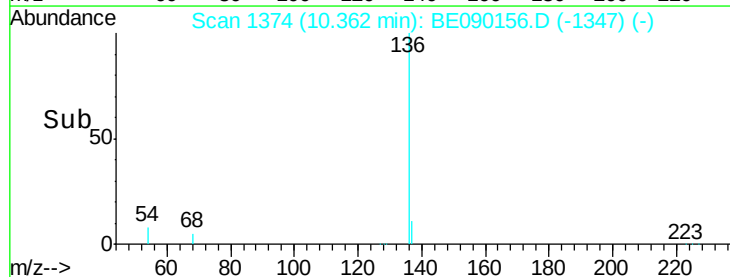
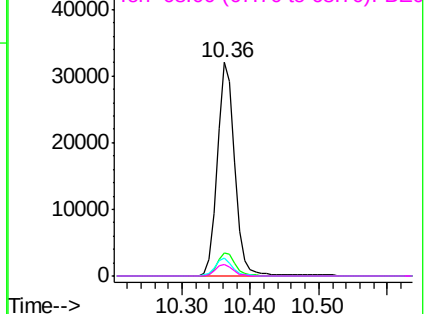
137 10.9 8.9 13.3

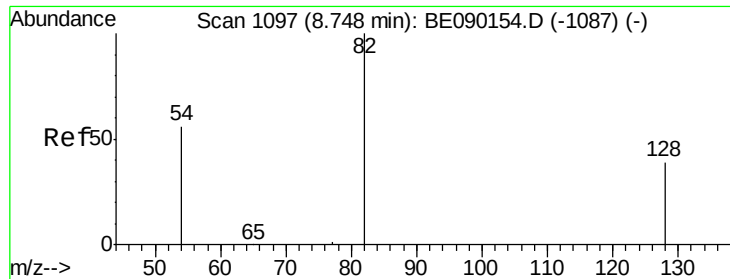
54 8.1 6.3 9.5

68 5.5 4.3 6.5



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: 0.42 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

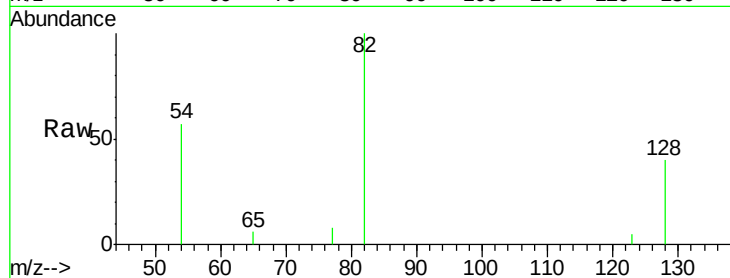
Tgt Ion: 82 Resp: 1752

Ion Ratio Lower Upper

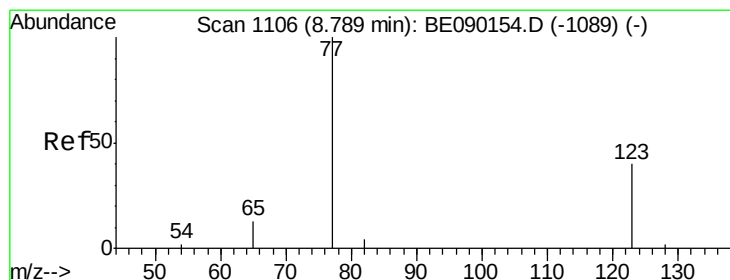
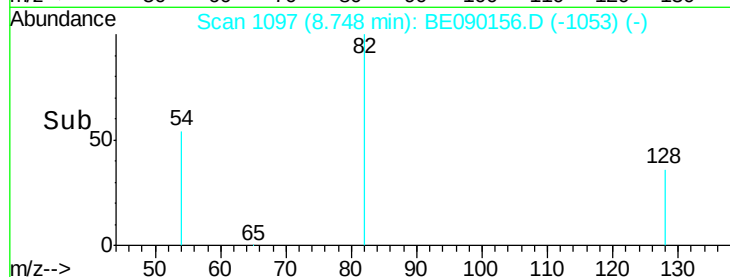
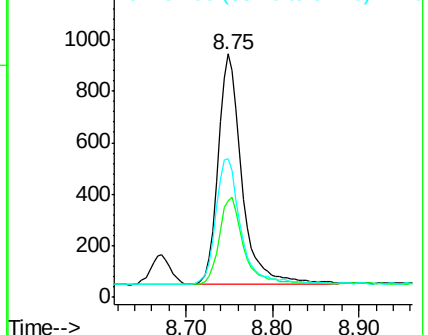
82 100

128 39.6 32.7 49.1

54 57.2 45.9 68.9



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: 0.39 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

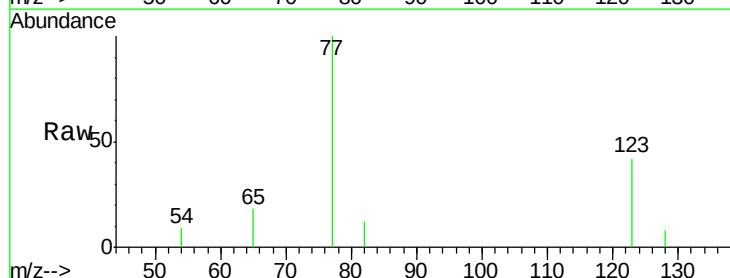
Tgt Ion: 77 Resp: 1702

Ion Ratio Lower Upper

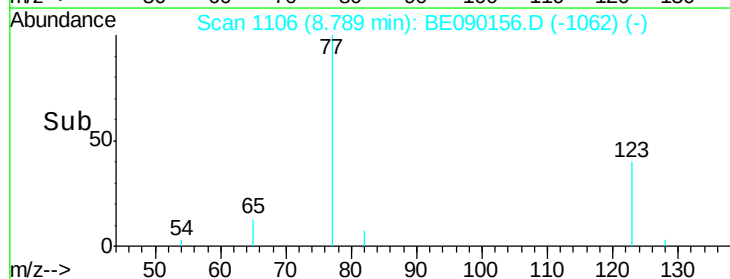
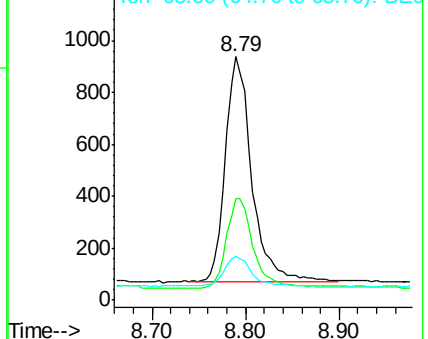
77 100

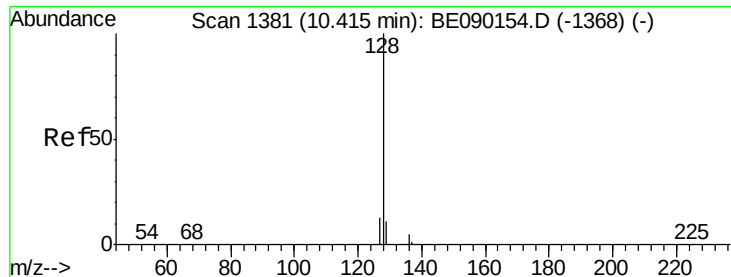
123 41.5 32.3 48.5

65 13.6 10.4 15.6



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: 0.45 ng

RT: 10.42 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

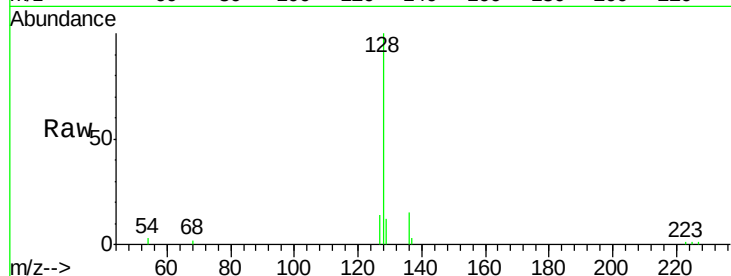
Tgt Ion:128 Resp: 5722

Ion Ratio Lower Upper

128 100

129 12.4 9.8 14.6

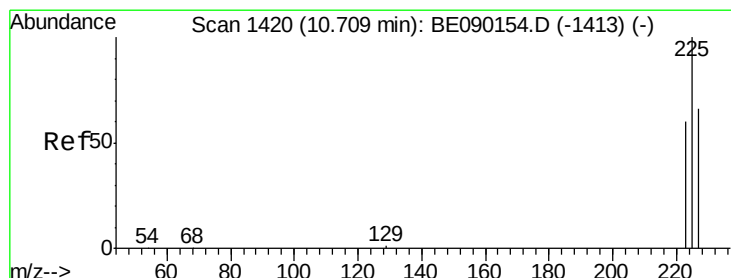
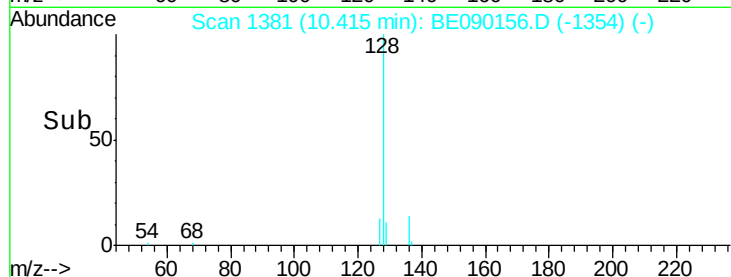
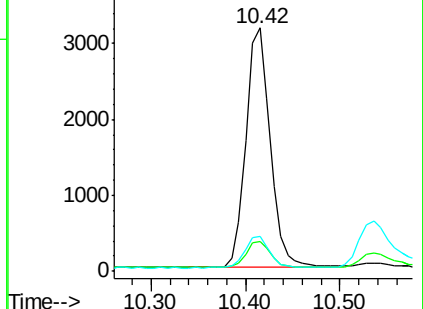
127 14.1 10.7 16.1



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: 0.34 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

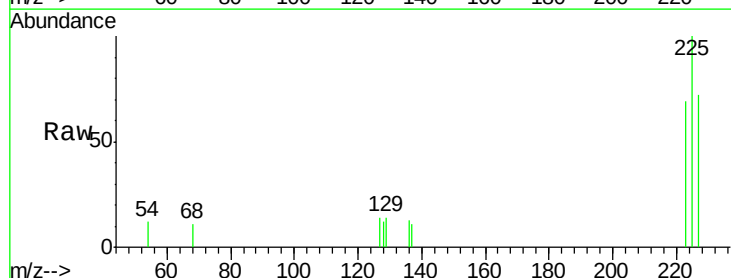
Tgt Ion:225 Resp: 711

Ion Ratio Lower Upper

225 100

223 63.7 50.3 75.5

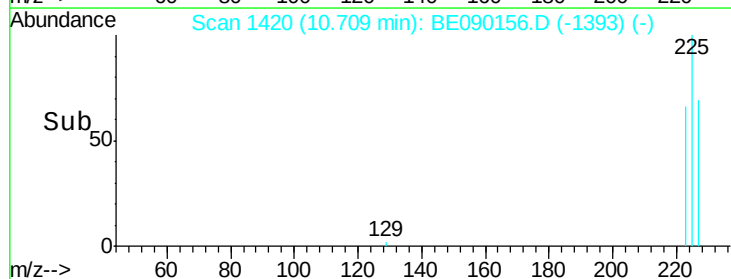
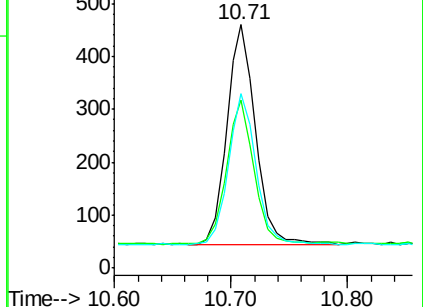
227 66.9 51.3 76.9

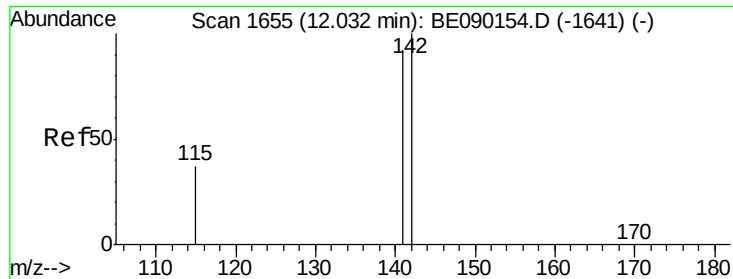


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

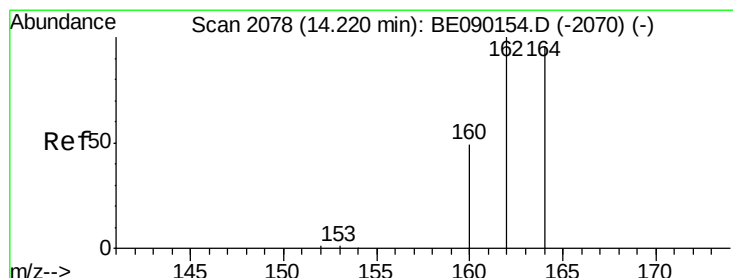
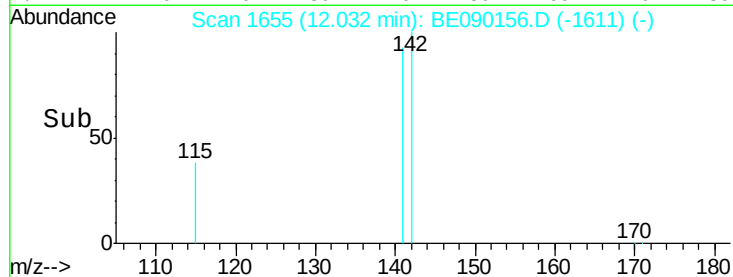
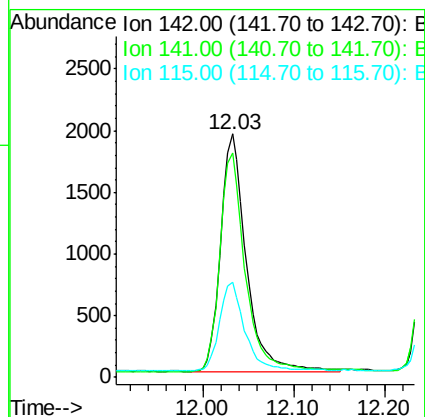
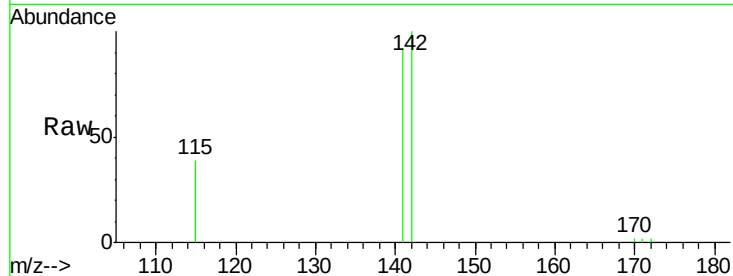




#11
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

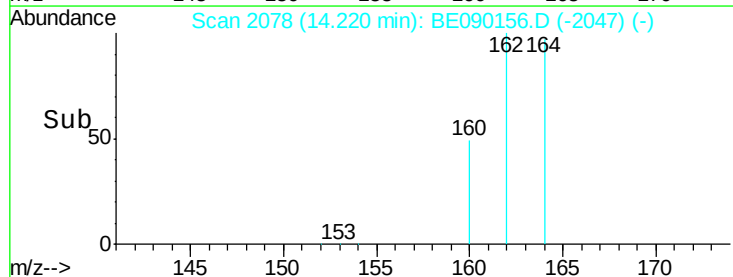
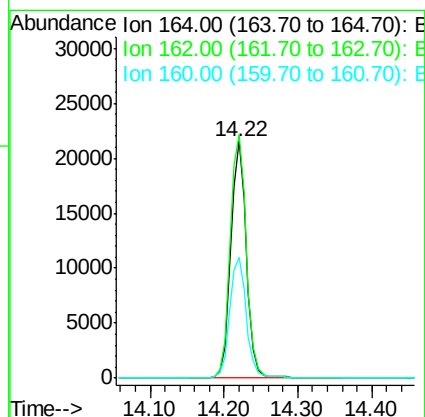
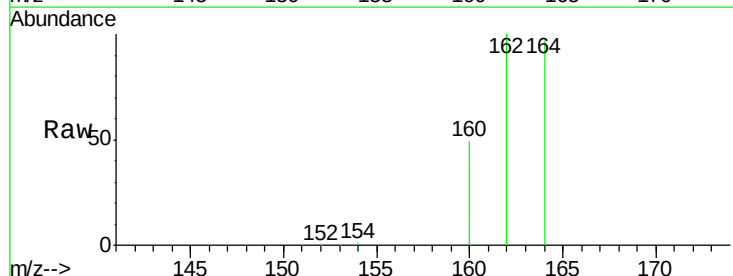
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

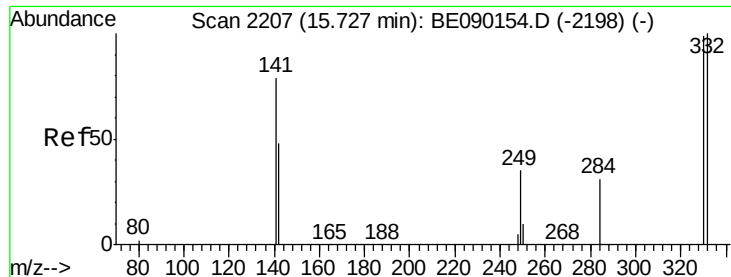
Tgt Ion:142 Resp: 3738
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9
115 39.3 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:164 Resp: 30944
Ion Ratio Lower Upper
164 100
162 102.8 83.3 124.9
160 50.8 40.9 61.3

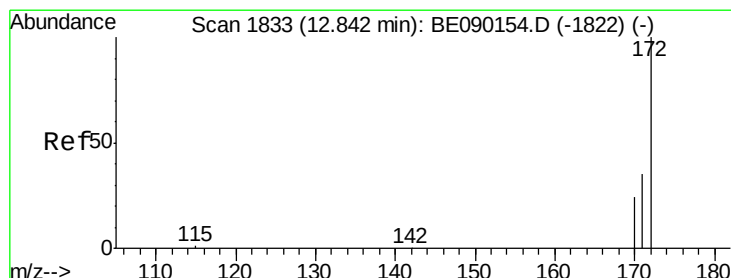
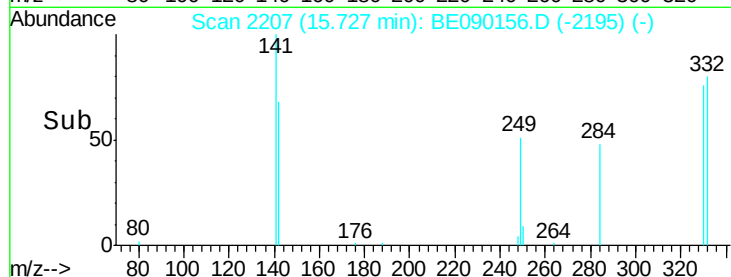
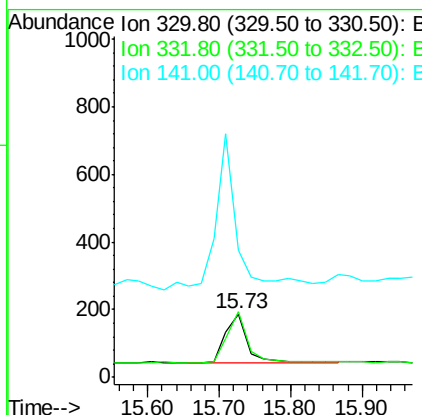
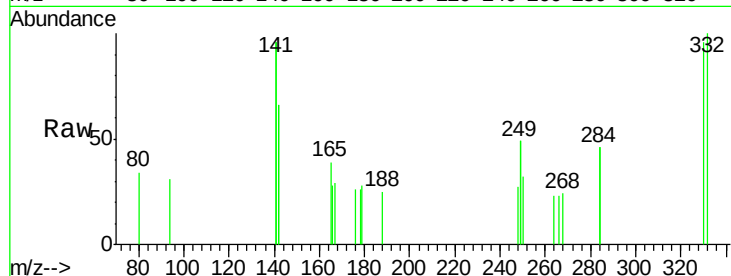




#13
 2,4,6-Tribromophenol
 Concen: 0.55 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090156.D
 Acq: 17 Jul 2015 21:37

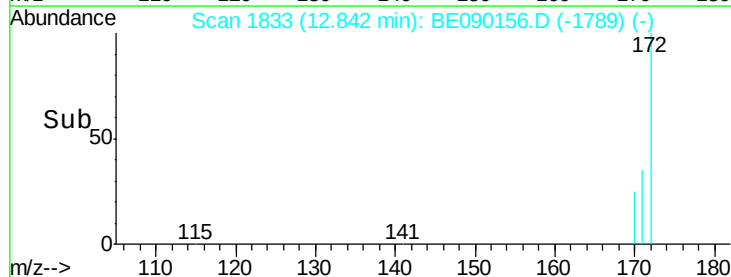
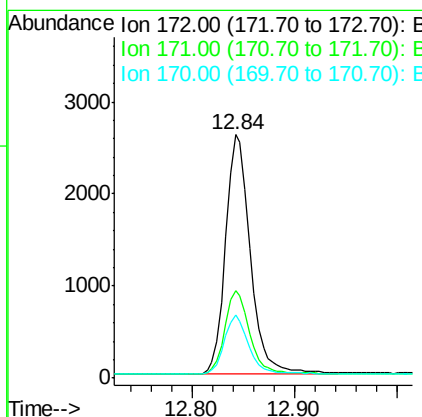
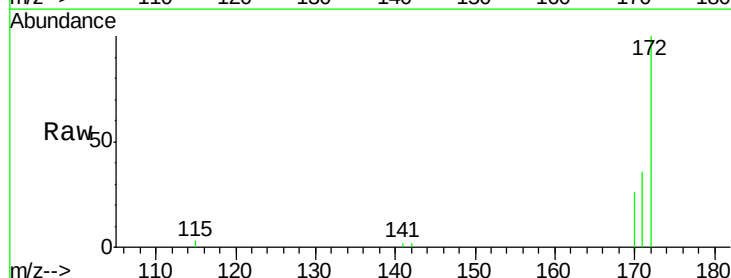
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

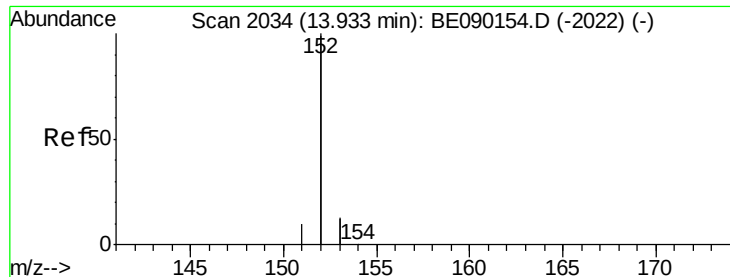
Tgt Ion: 330 Resp: 312
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.2 117.2
 141 287.8 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 0.46 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090156.D
 Acq: 17 Jul 2015 21:37

Tgt Ion: 172 Resp: 4361
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 26.0 19.7 29.5





#15

Acenaphthylene

Concen: 0.47 ng

RT: 13.93 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

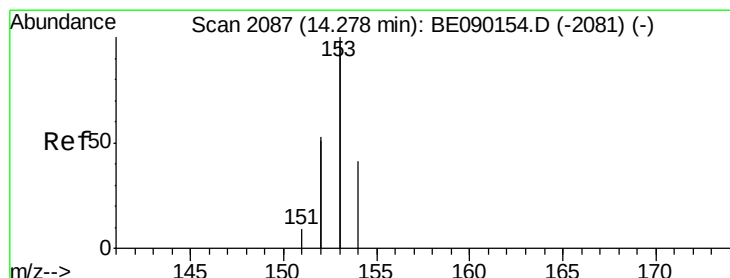
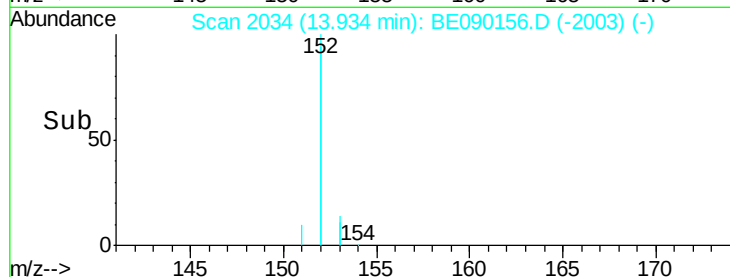
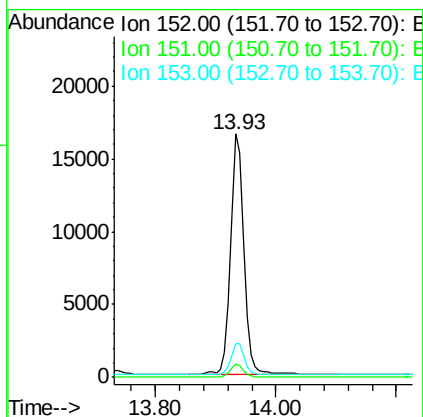
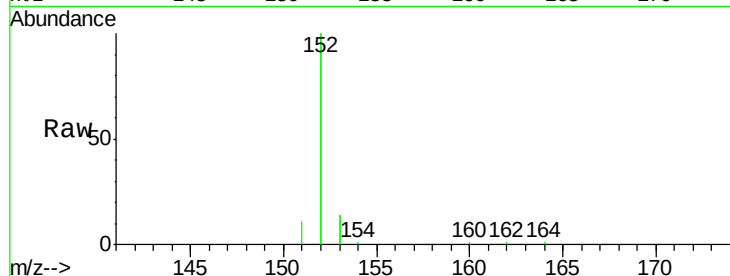
Tgt Ion:152 Resp: 26029

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.46 ng

RT: 14.28 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

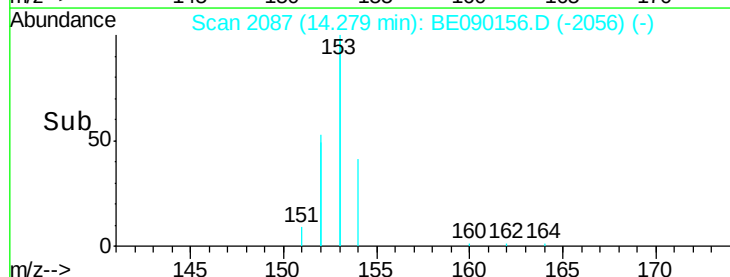
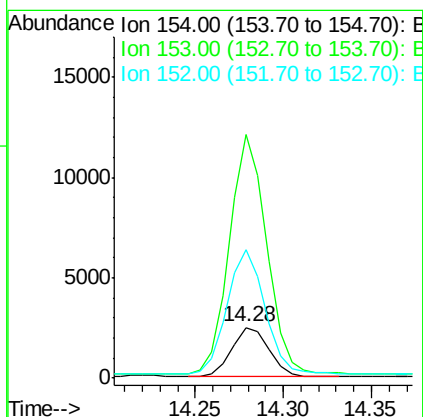
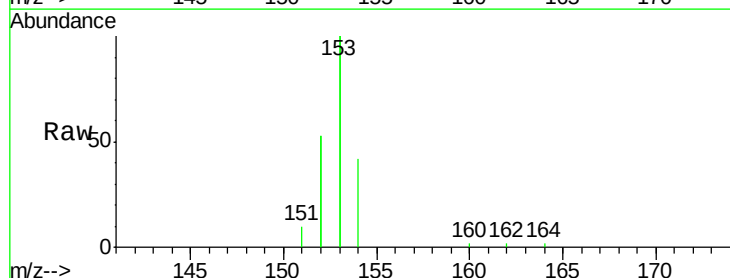
Tgt Ion:154 Resp: 3652

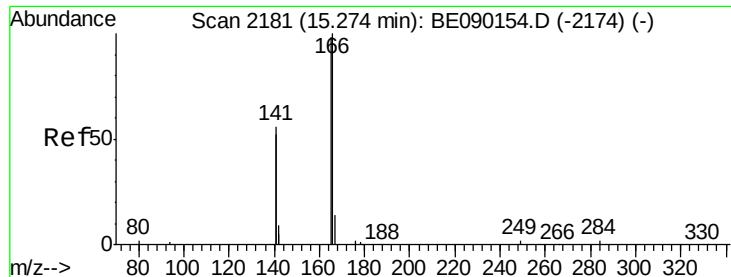
Ion Ratio Lower Upper

154 100

153 477.1 376.9 565.3

152 253.5 199.0 298.6





#17

Fluorene

Concen: 0.47 ng

RT: 15.27 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

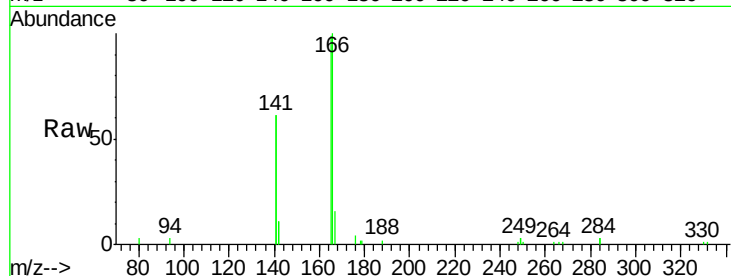
Tgt Ion:166 Resp: 4886

Ion Ratio Lower Upper

166 100

165 100.9 81.5 122.3

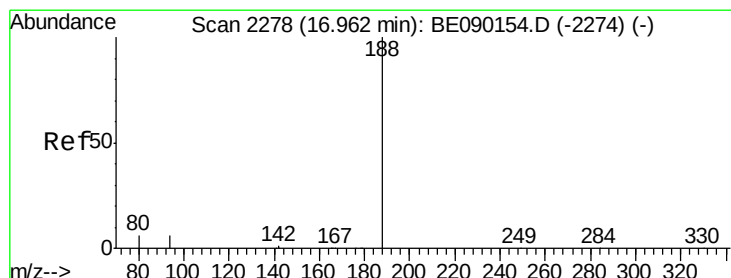
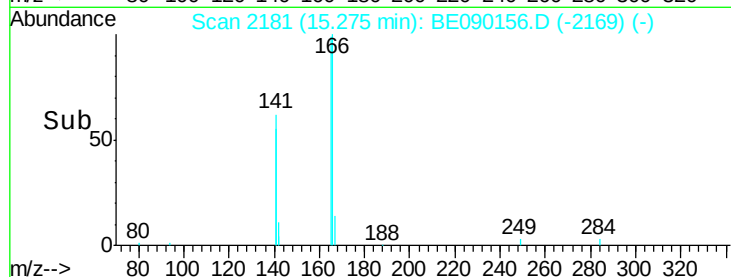
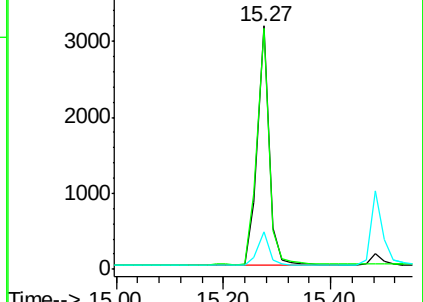
167 15.2 11.9 17.9



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: 16.96 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

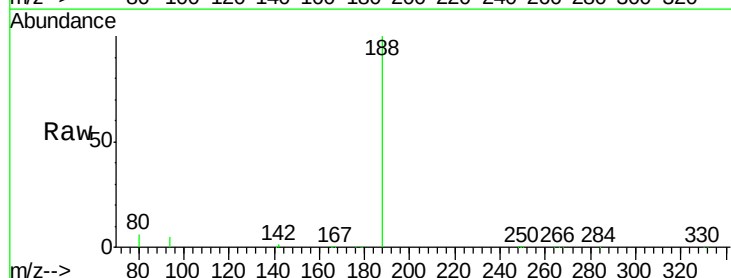
Tgt Ion:188 Resp: 76824

Ion Ratio Lower Upper

188 100

94 5.4 4.6 7.0

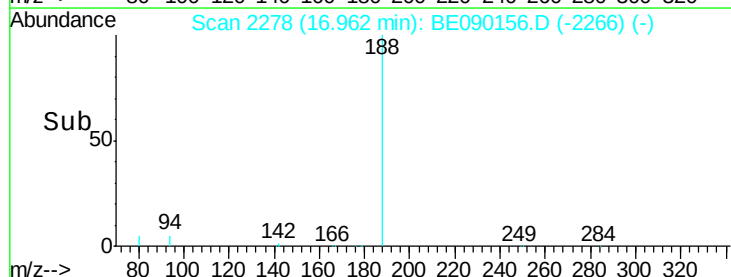
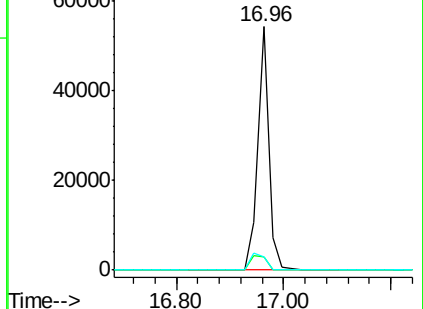
80 5.6 4.6 6.8

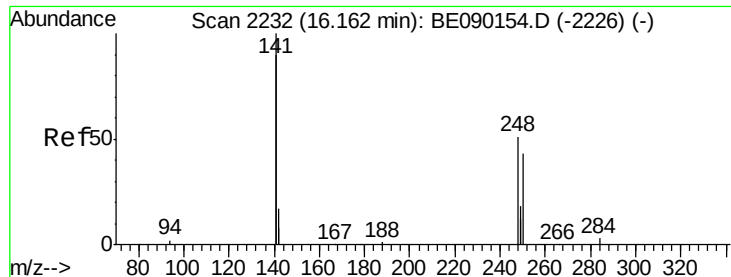


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.41 ng

RT: 16.16 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

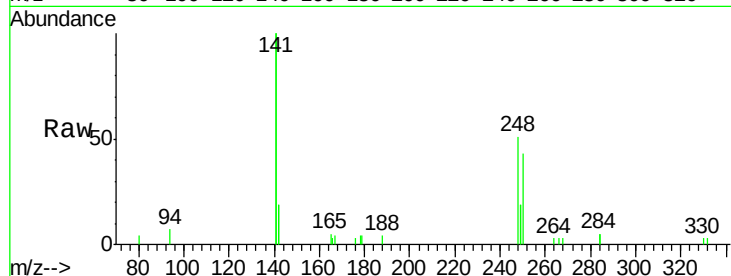
Tgt Ion:248 Resp: 1331

Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.0

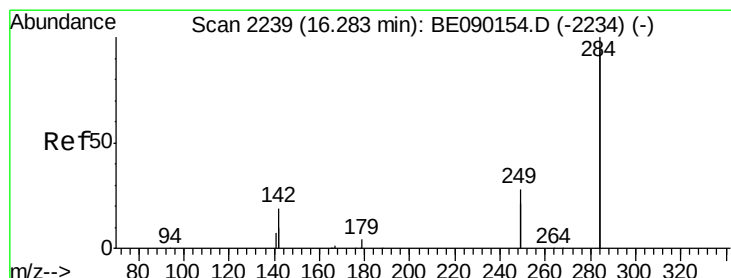
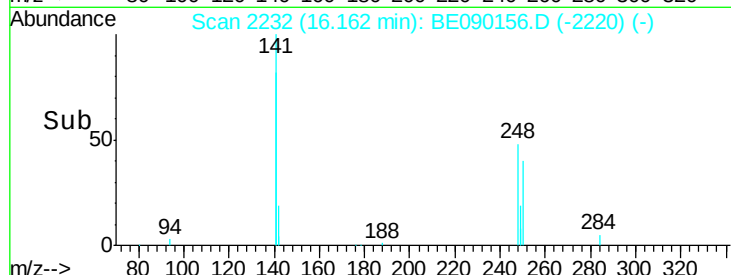
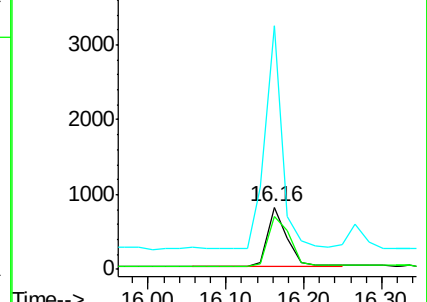
141 342.5 281.3 421.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.35 ng

RT: 16.28 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

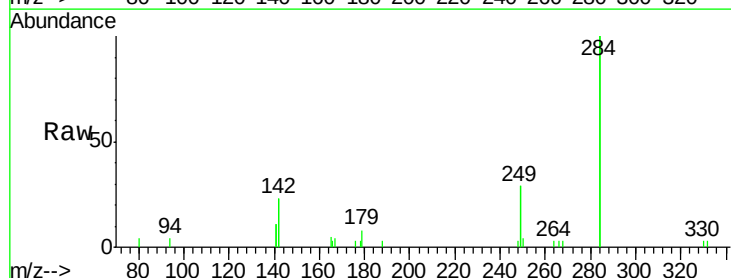
Tgt Ion:284 Resp: 4757

Ion Ratio Lower Upper

284 100

142 53.7 42.2 63.2

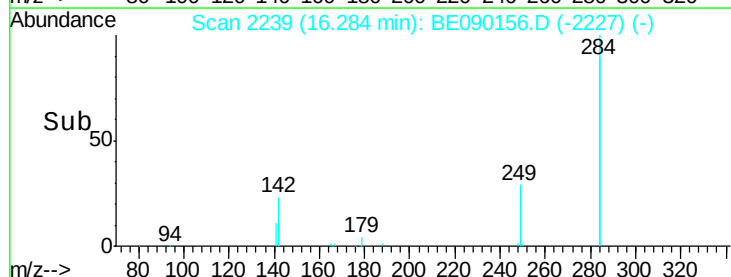
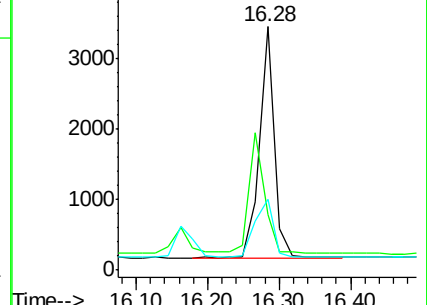
249 31.5 25.5 38.3

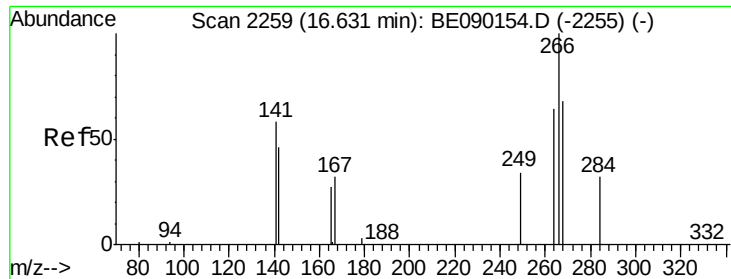


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.55 ng

RT: 16.63 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.5

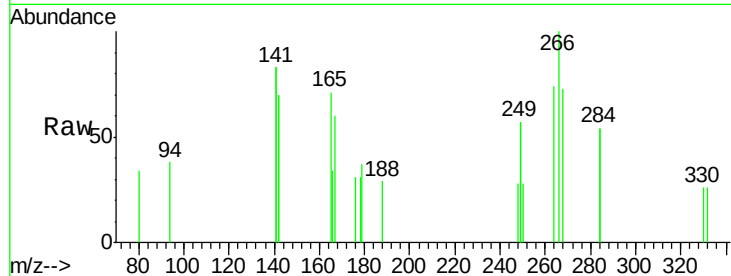
Tgt Ion:266 Resp: 356

Ion Ratio Lower Upper

266 100

268 73.1 58.2 87.4

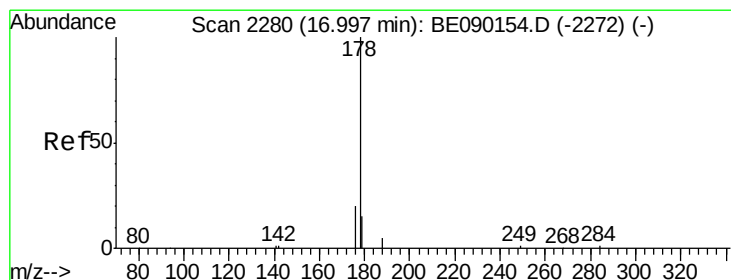
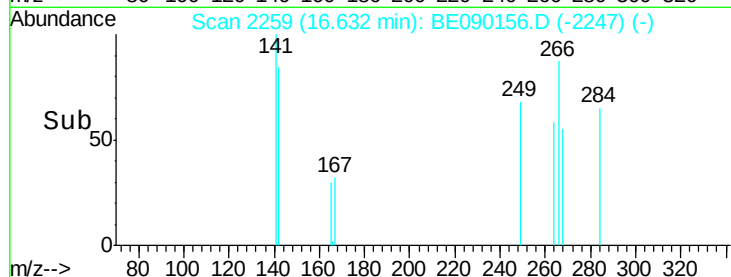
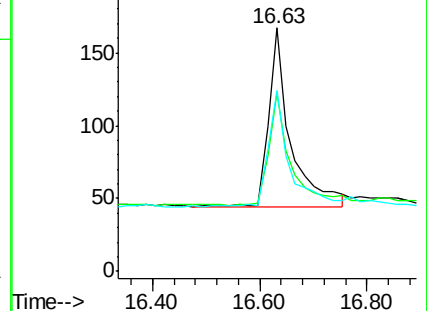
264 74.3 55.0 82.4



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: 0.42 ng

RT: 17.00 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

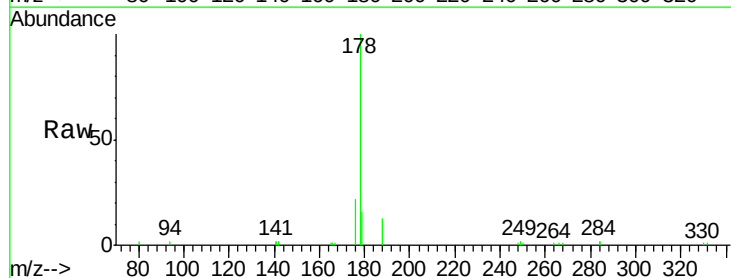
Tgt Ion:178 Resp: 8090

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

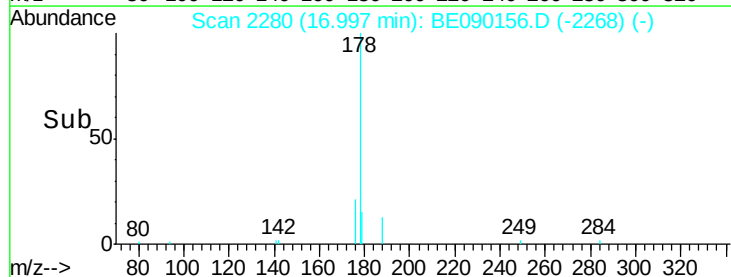
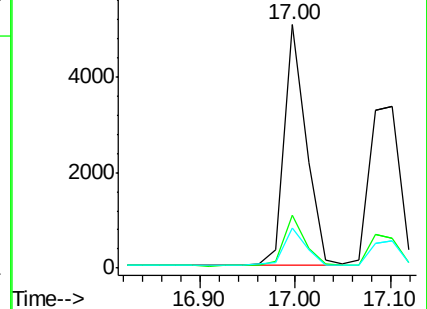
179 16.2 12.5 18.7

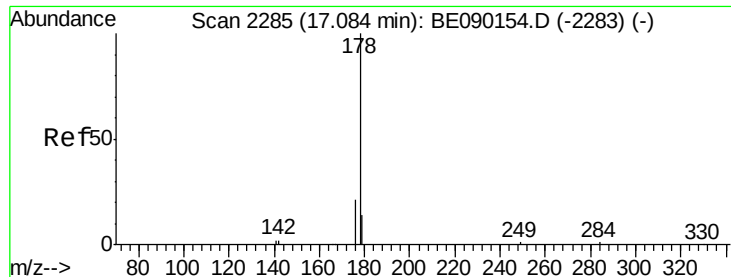


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.44 ng

RT: 17.10 min Scan# 2286

Delta R.T. 0.02 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

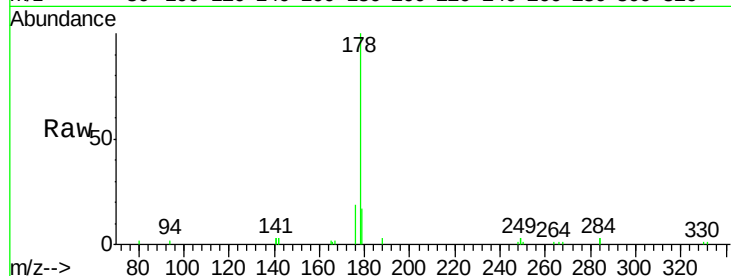
Tgt Ion:178 Resp: 7471

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

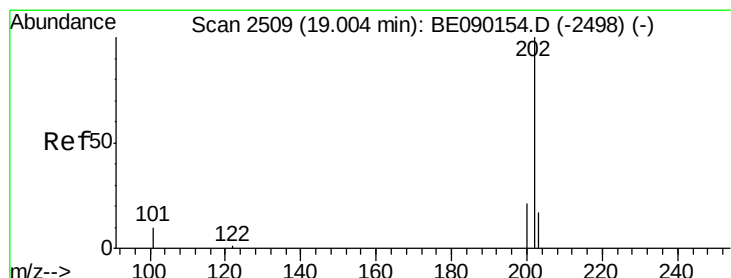
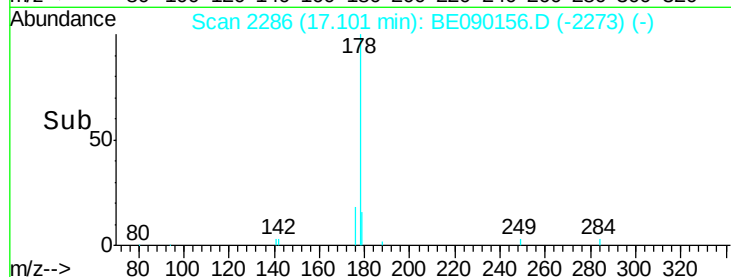
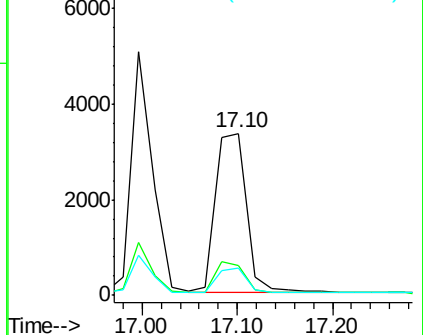
179 15.0 12.2 18.2



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: 0.47 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

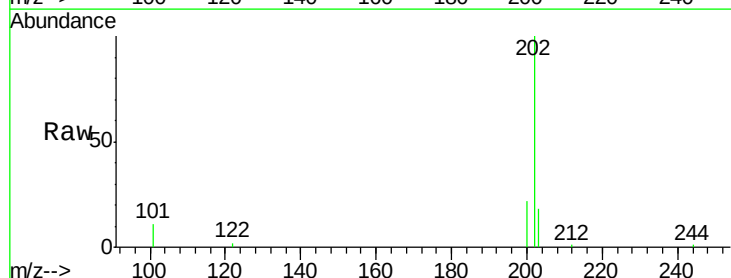
Tgt Ion:202 Resp: 8994

Ion Ratio Lower Upper

202 100

101 10.3 8.5 12.7

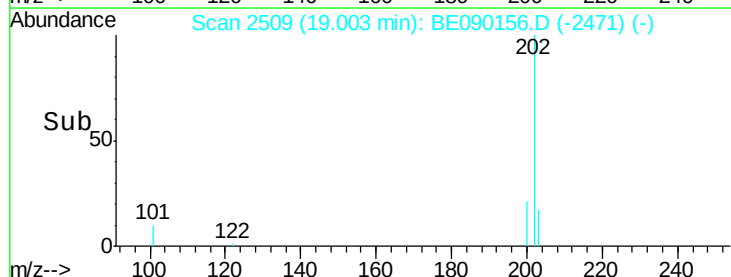
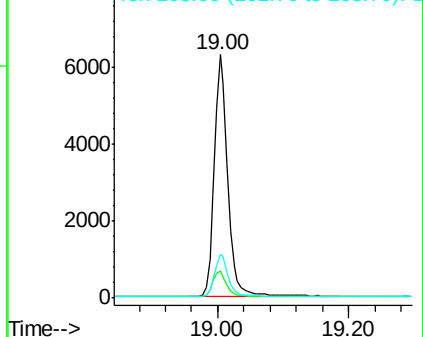
203 17.2 13.9 20.9

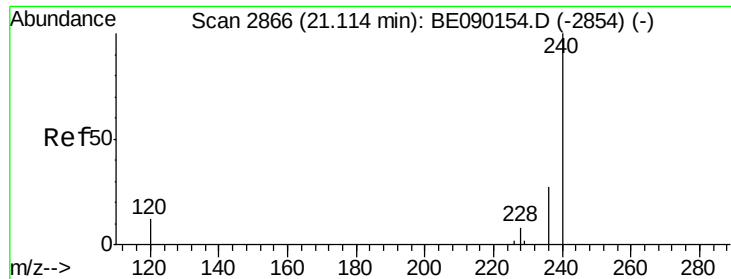


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.12 min Scan# 2867

Delta R.T. 0.01 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

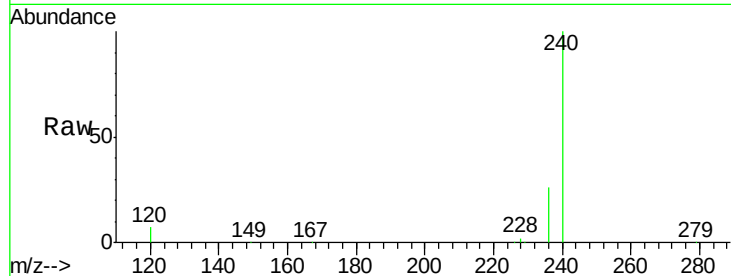
Tgt Ion:240 Resp: 89228

Ion Ratio Lower Upper

240 100

120 7.1 9.4 14.0#

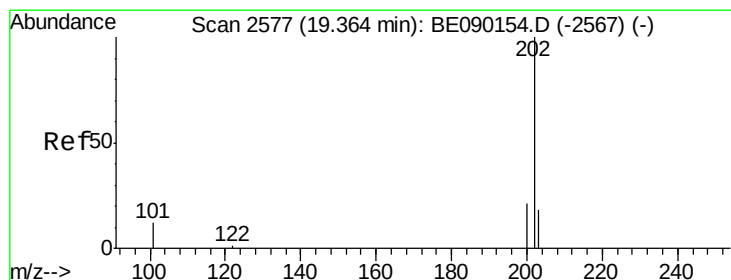
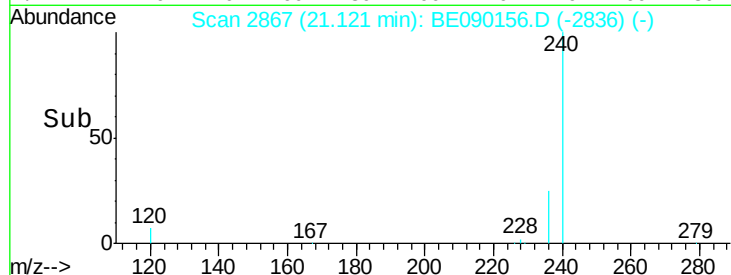
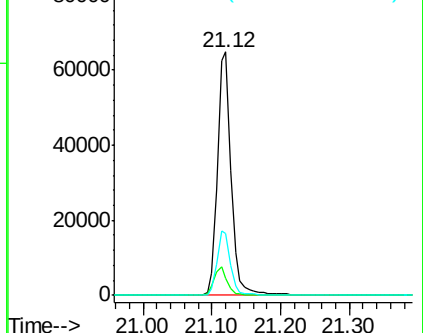
236 25.5 21.8 32.8



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: 0.39 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

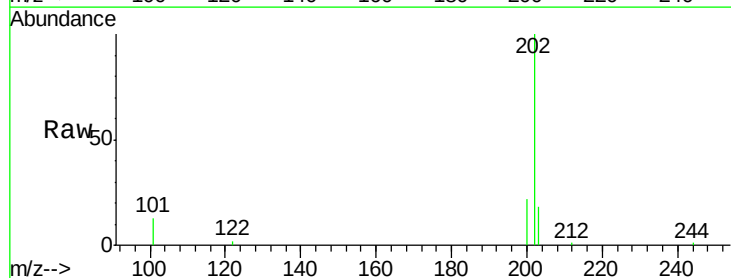
Tgt Ion:202 Resp: 9228

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

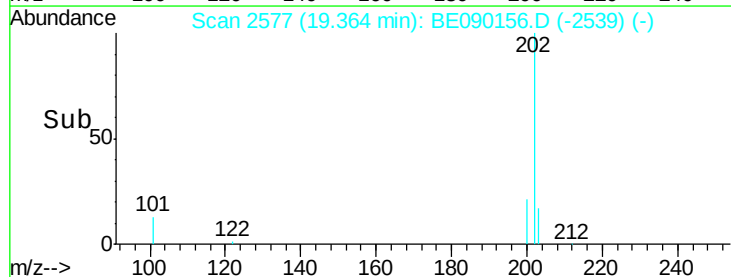
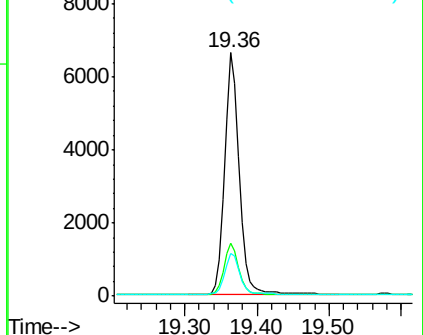
203 17.4 14.1 21.1

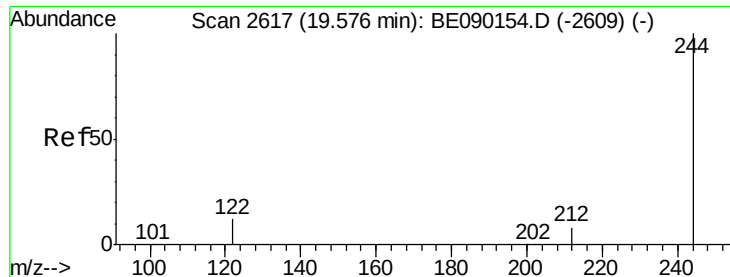


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

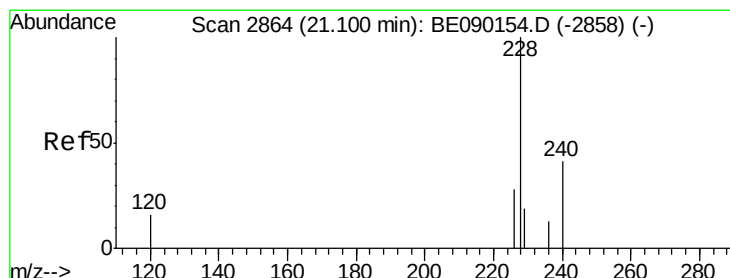
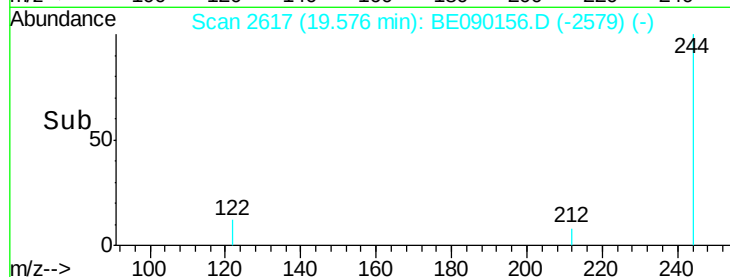
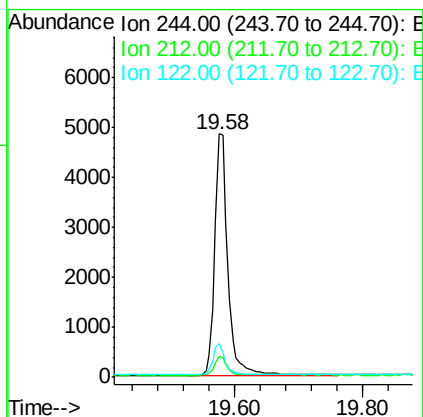
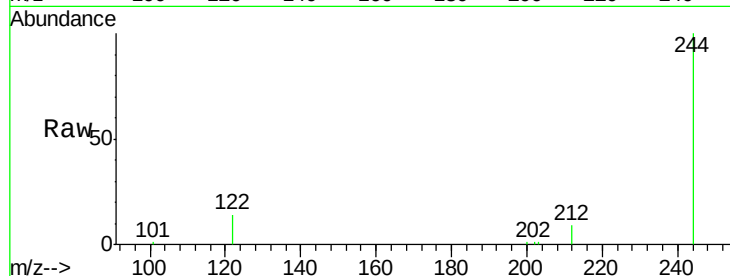




#27
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090156.D
 Acq: 17 Jul 2015 21:37

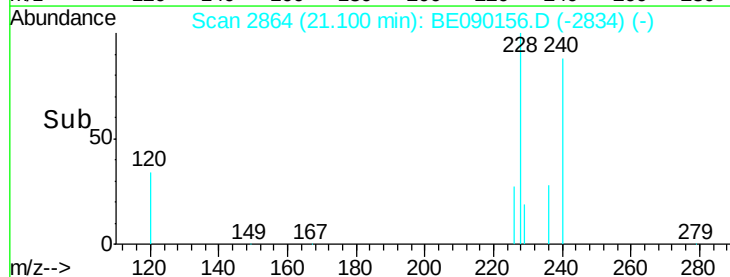
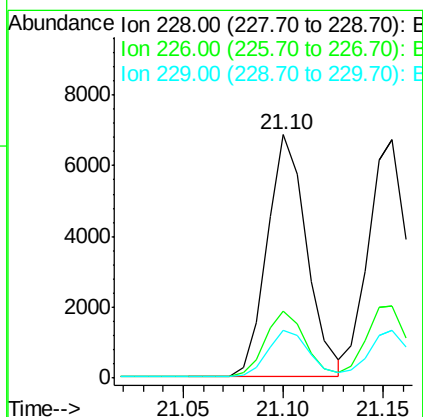
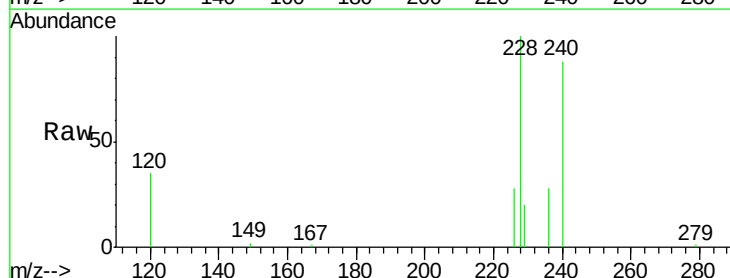
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

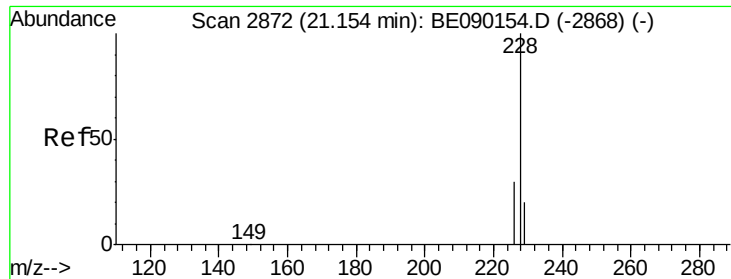
Tgt Ion: 244 Resp: 6844
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.5 9.7
 122 13.8 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 0.59 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090156.D
 Acq: 17 Jul 2015 21:37

Tgt Ion: 228 Resp: 9356
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.2 33.4
 229 19.8 15.7 23.5





#29

Chrysene

Concen: 0.37 ng

RT: 21.15 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.5

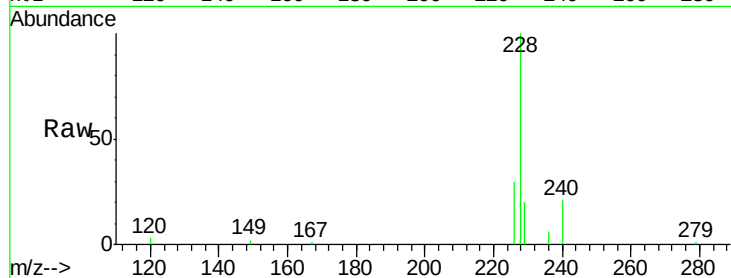
Tgt Ion:228 Resp: 9776

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

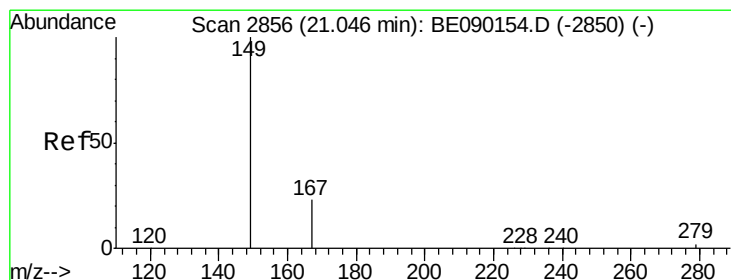
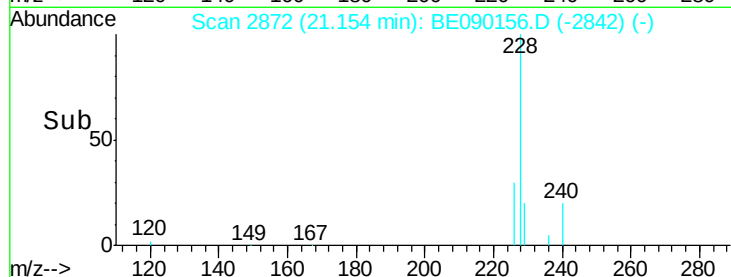
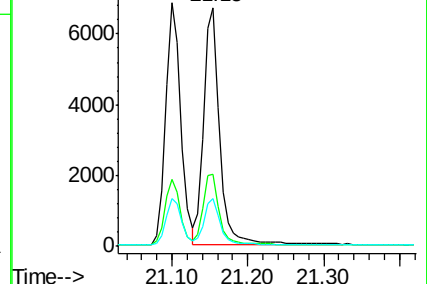
229 20.3 16.5 24.7



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: 1.02 ng

RT: 21.05 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

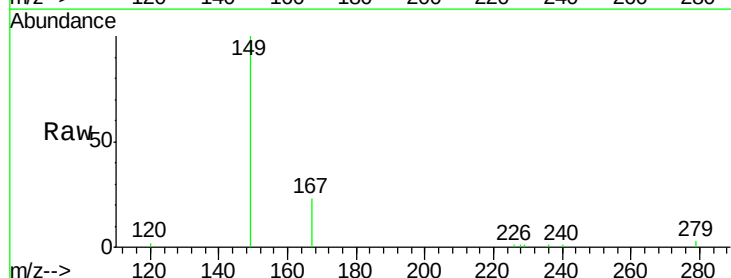
Tgt Ion:149 Resp: 4399

Ion Ratio Lower Upper

149 100

167 23.3 18.6 28.0

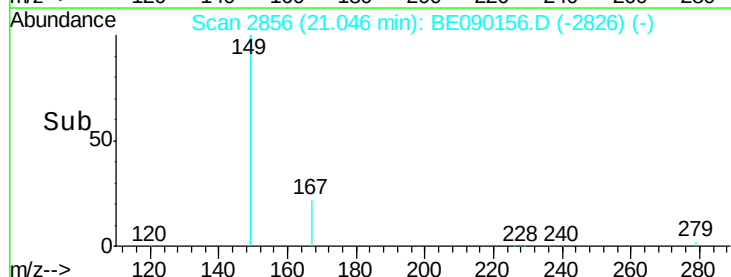
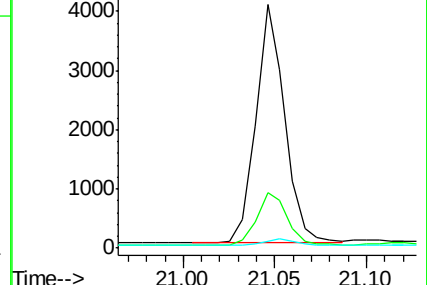
279 2.9 2.2 3.4

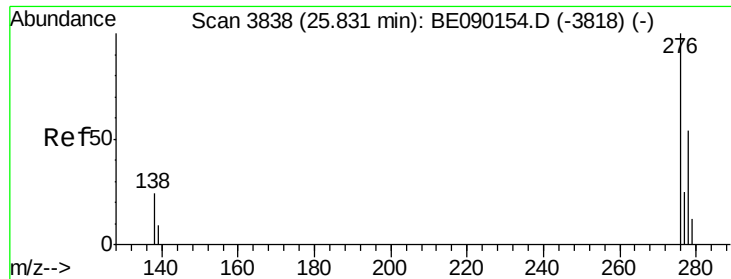


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.44 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

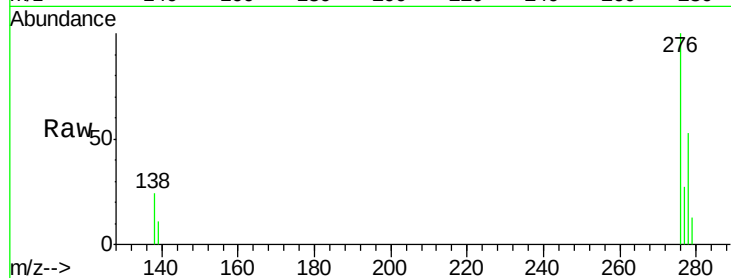
Tgt Ion:276 Resp: 11281

Ion Ratio Lower Upper

276 100

138 23.9 19.5 29.3

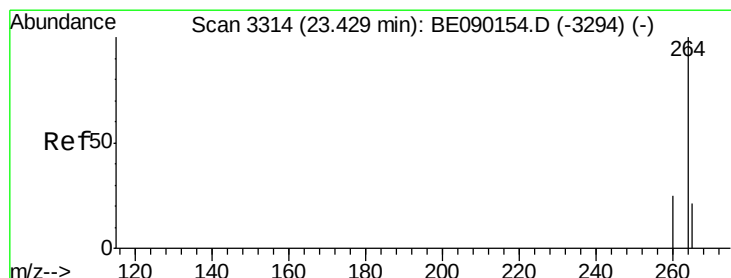
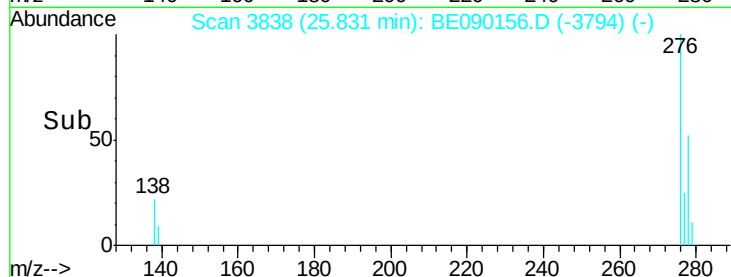
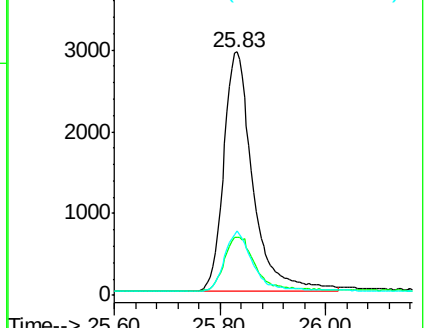
277 24.5 19.8 29.6



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: 23.43 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

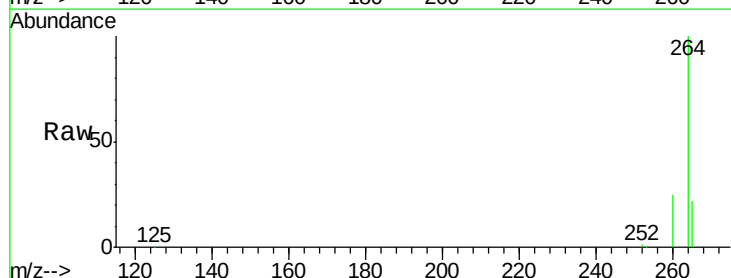
Tgt Ion:264 Resp: 93589

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

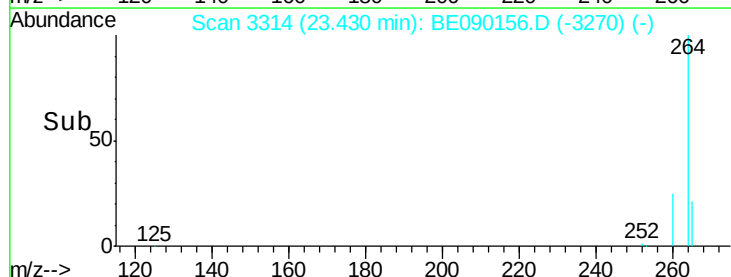
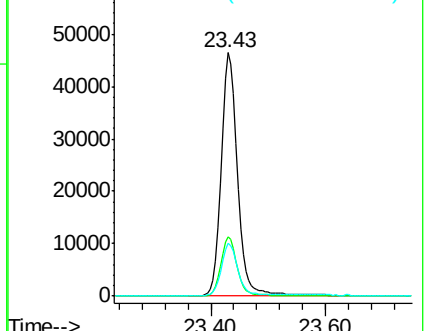
265 21.6 17.4 26.2

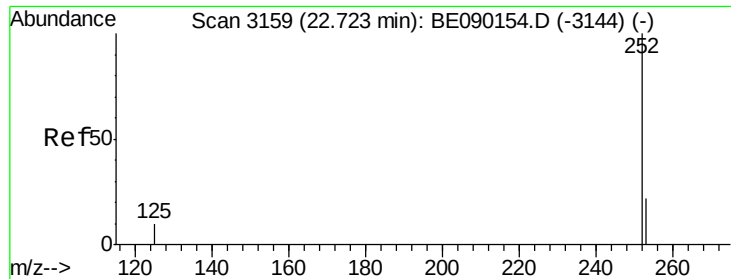


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.98 ng

RT: 22.72 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

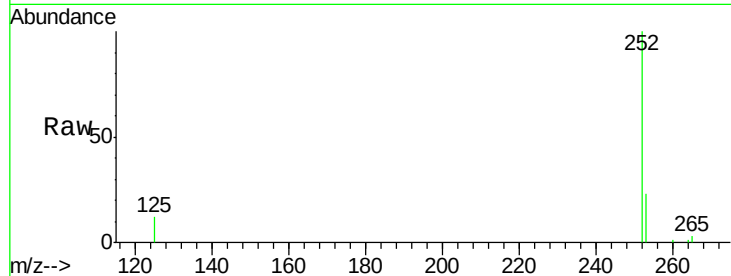
Tgt Ion:252 Resp: 8700

Ion Ratio Lower Upper

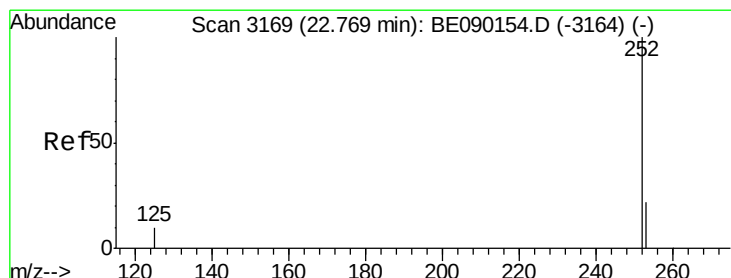
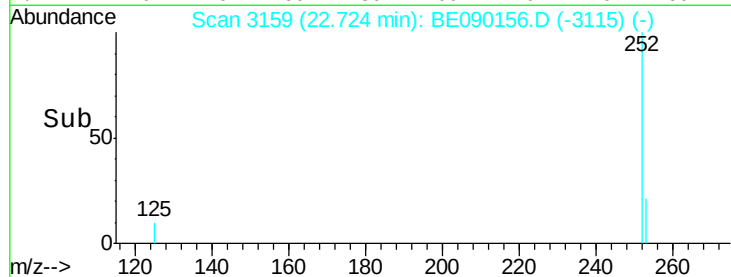
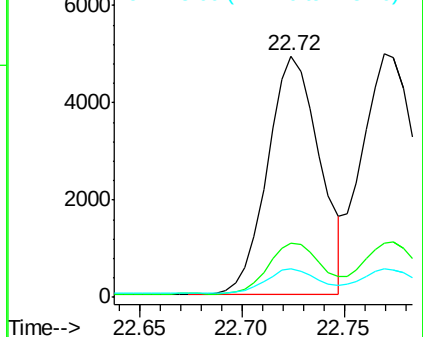
252 100

253 22.6 17.9 26.9

125 11.8 8.7 13.1



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: 0.52 ng

RT: 22.77 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

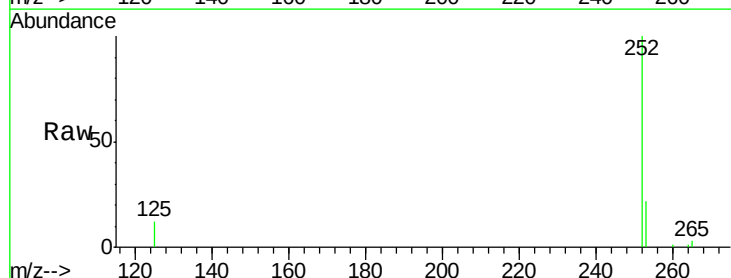
Tgt Ion:252 Resp: 10282

Ion Ratio Lower Upper

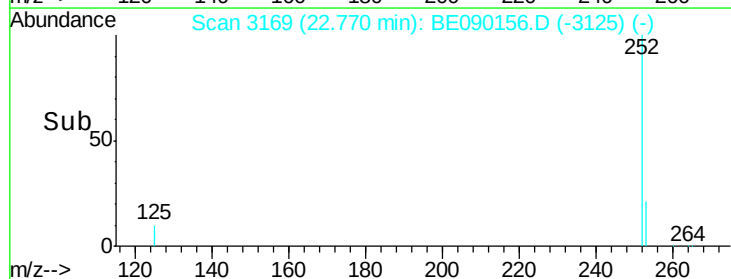
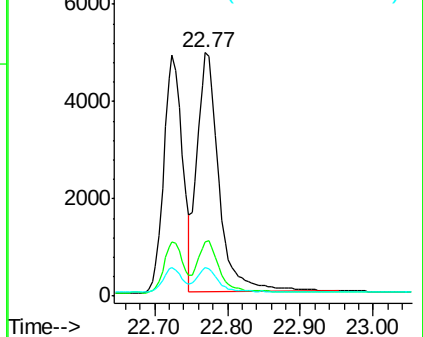
252 100

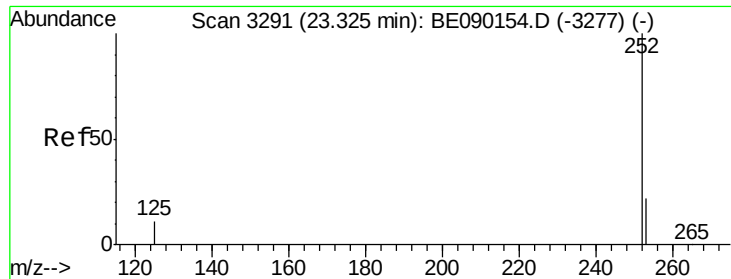
253 22.3 18.1 27.1

125 11.8 8.7 13.1



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: 0.76 ng

RT: 23.33 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

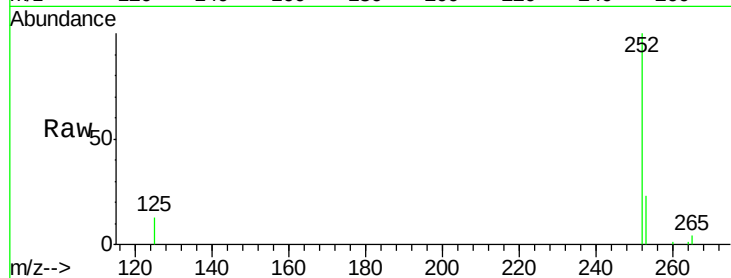
Tgt Ion:252 Resp: 8518

Ion Ratio Lower Upper

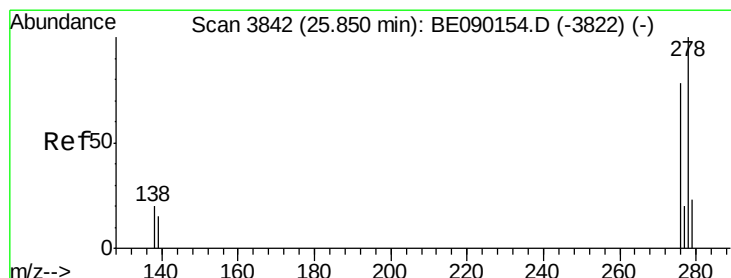
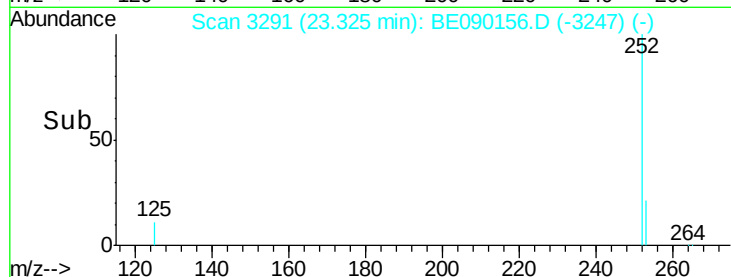
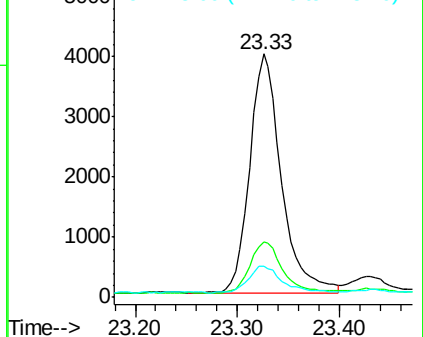
252 100

253 22.9 18.0 27.0

125 13.0 9.4 14.0



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: 1.27 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.00 min

Lab File: BE090156.D

Acq: 17 Jul 2015 21:37

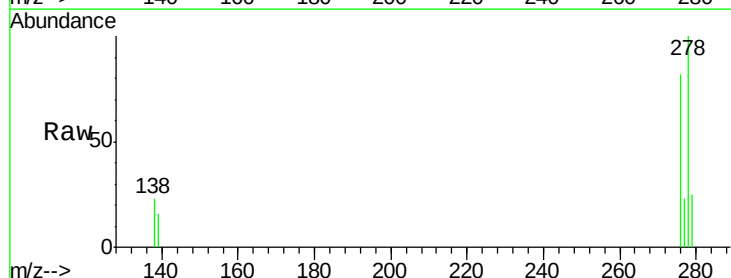
Tgt Ion:278 Resp: 8972

Ion Ratio Lower Upper

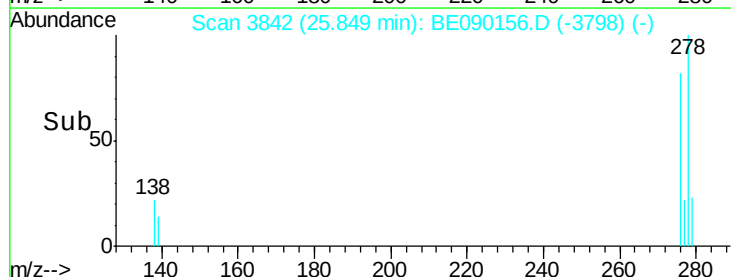
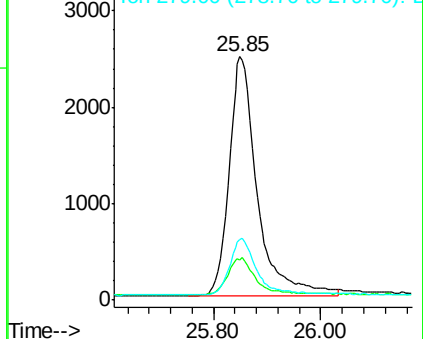
278 100

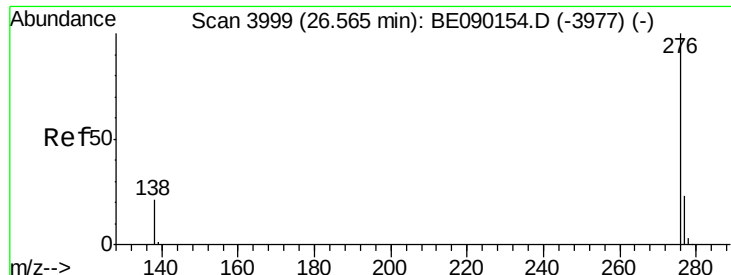
139 16.3 12.9 19.3

279 24.7 19.3 28.9



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: 0.80 ng

RT: 26.56 min Scan# 3999

Delta R.T. -0.00 min

Lab File: BE090156.D

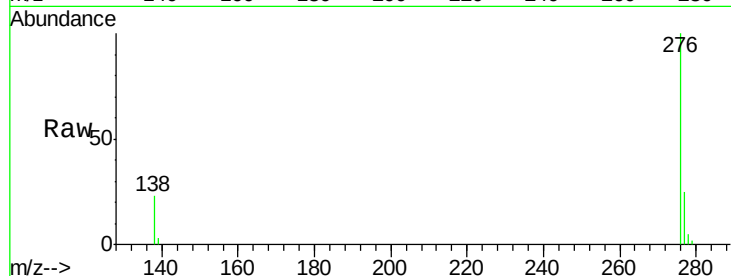
Acq: 17 Jul 2015 21:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5



Tgt Ion: 276 Resp: 9496

Ion Ratio Lower Upper

276 100

277 25.5 19.0 28.6

138 22.9 17.2 25.8

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

