

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090131.D
 Acq On : 16 Jul 2015 22:42
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Quant Time: Jul 16 23:58:07 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 23:54:34 2015
 Response via : Initial Calibration

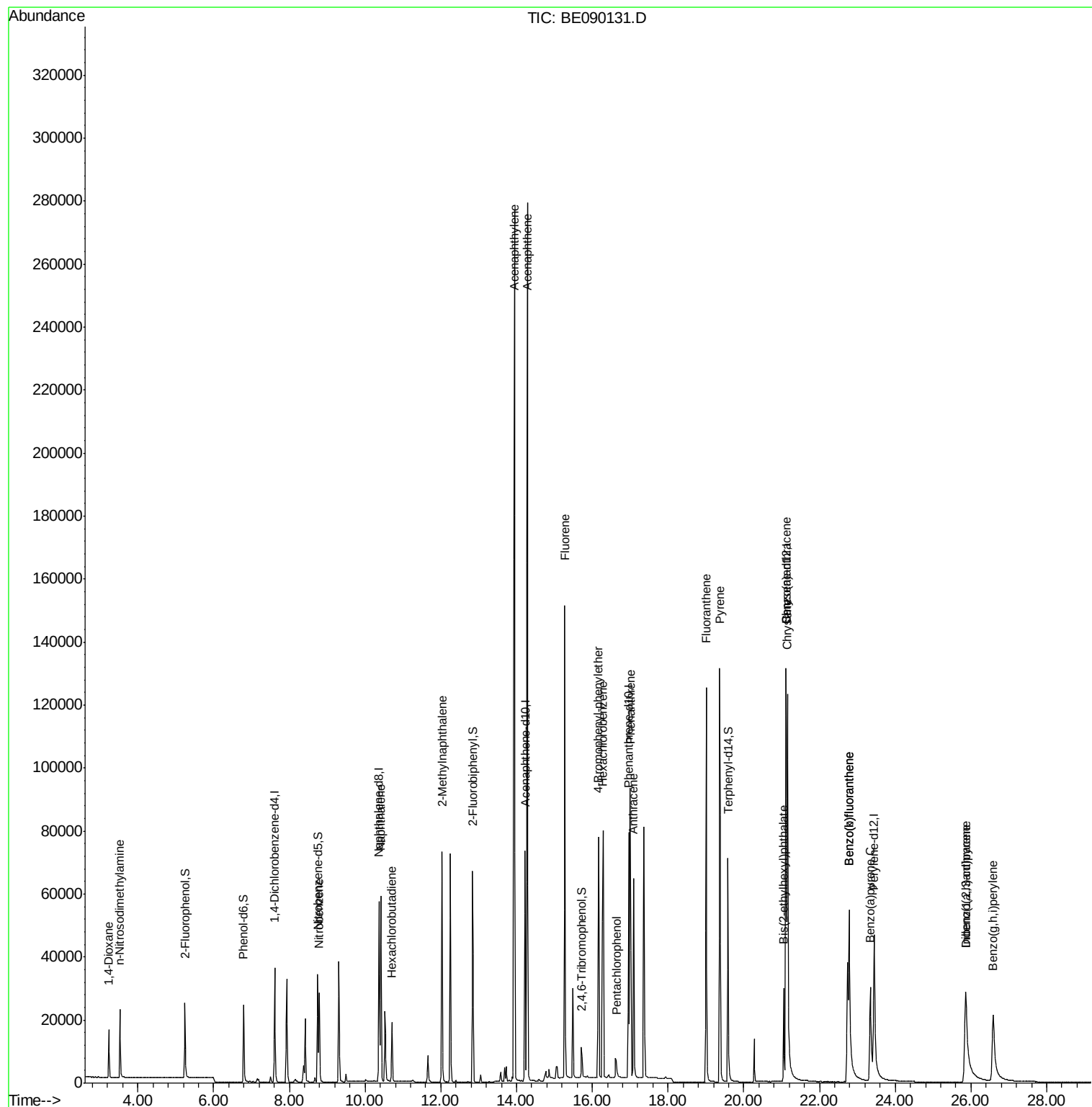
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	17415	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	76625	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	42306	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	94447	5.00	ng	0.00
25) Chrysene-d12	21.12	240	102447	5.00	ng	0.00
32) Perylene-d12	23.44	264	78555	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	17938	4.81	ng	0.00
5) Phenol-d6	6.79	99	26580	4.81	ng	0.00
7) Nitrobenzene-d5	8.75	82	28604	5.30	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	4865	5.84	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	60374	4.70	ng	0.00
27) Terphenyl-d14	19.58	244	83800	5.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	9653	3.84	ng	99
3) n-Nitrosodimethylamine	3.52	42	12734	4.45	ng	# 93
8) Nitrobenzene	8.79	77	30735	5.46	ng	97
9) Naphthalene	10.42	128	78009	4.73	ng	99
10) Hexachlorobutadiene	10.71	225	12902	4.73	ng	100
11) 2-Methylnaphthalene	12.03	142	51939	4.86	ng	99
15) Acenaphthylene	13.94	152	359385	4.94	ng	100
16) Acenaphthene	14.28	154	50668	4.87	ng	95
17) Fluorene	15.27	166	65123	4.82	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	19028	4.88	ng	95
20) Hexachlorobenzene	16.28	284	78117	4.78	ng	99
21) Pentachlorophenol	16.63	266	4705	4.95	ng	91
22) Phenanthrene	17.00	178	107394	4.82	ng	100
23) Anthracene	17.08	178	102426	5.09	ng	100
24) Fluoranthene	19.00	202	117970	5.11	ng	100
26) Pyrene	19.36	202	123328	5.09	ng	100
28) Benzo(a)anthracene	21.11	228	102172	4.60	ng	99
29) Chrysene	21.15	228	129842	5.06	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	31330	5.94	ng	95
31) Indeno(1,2,3-cd)pyrene	25.85	276	65730	3.51	ng	# 92
33) Benzo(b)fluoranthene	22.78	252	106088	6.70	ng	95
34) Benzo(k)fluoranthene	22.78	252	115314	6.04	ng	96
35) Benzo(a)pyrene	23.34	252	65998	4.51	ng	94
36) Dibenzo(a,h)anthracene	25.86	278	45866	3.48	ng	# 90
37) Benzo(g,h,i)perylene	26.58	276	69154	4.68	ng	93

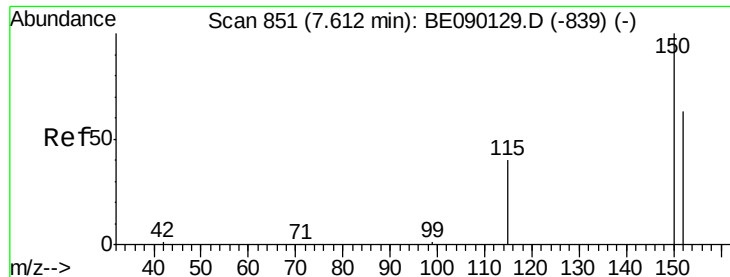
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

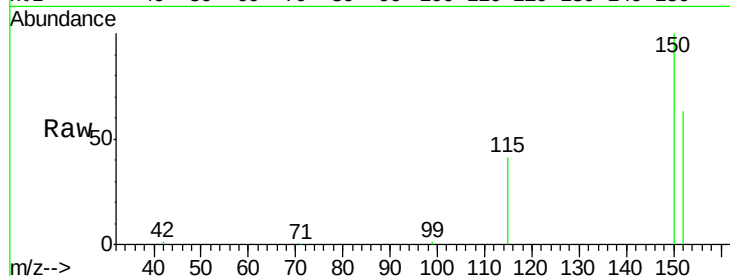
Tgt Ion:152 Resp: 17415

Ion Ratio Lower Upper

152 100

150 158.1 127.3 190.9

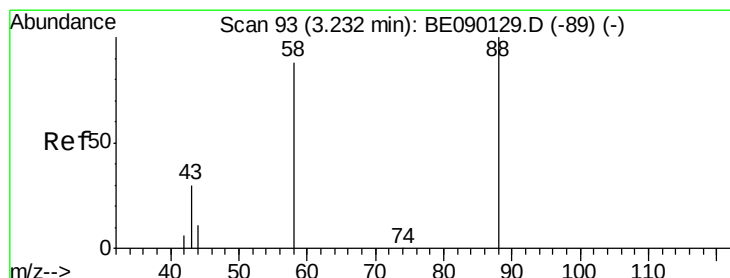
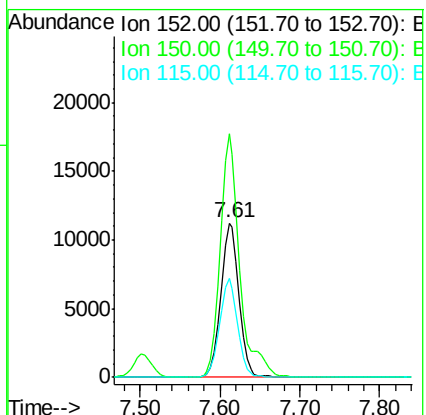
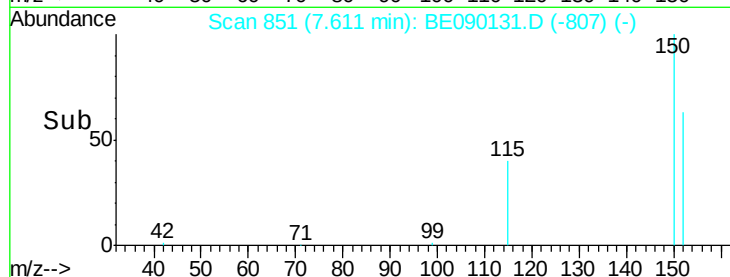
115 64.2 51.0 76.4



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: 3.84 ng

RT: 3.24 min Scan# 94

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

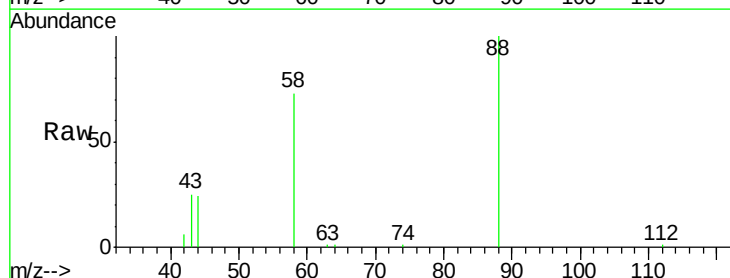
Tgt Ion: 88 Resp: 9653

Ion Ratio Lower Upper

88 100

58 84.1 67.0 100.4

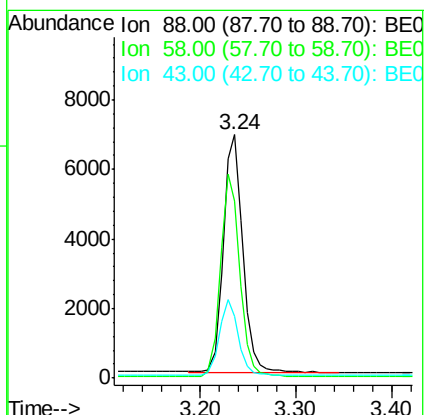
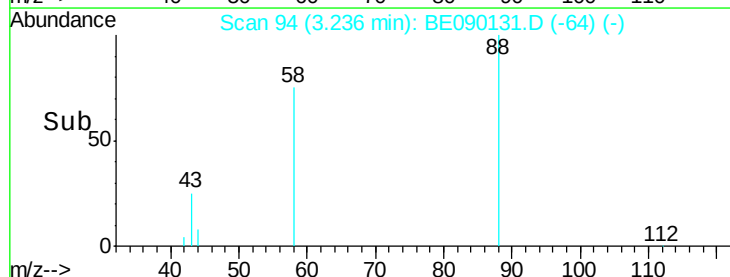
43 30.9 26.0 39.0

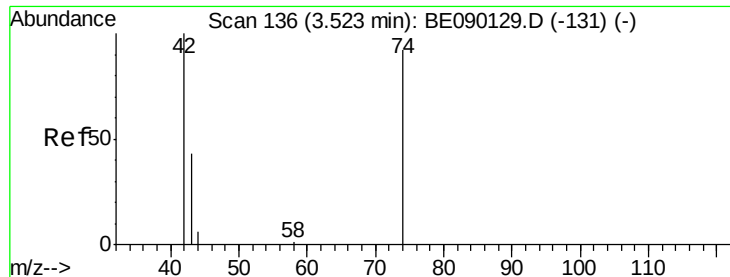


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.45 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

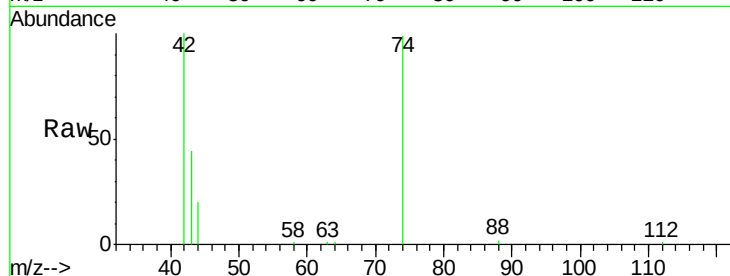
Tgt Ion: 42 Resp: 12734

Ion Ratio Lower Upper

42 100

74 121.3 91.0 136.6

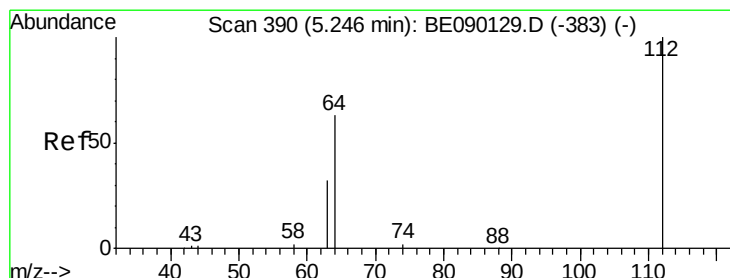
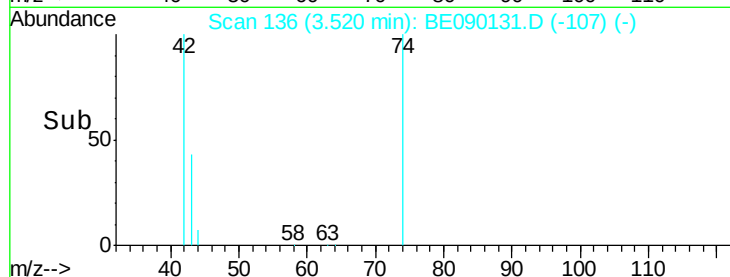
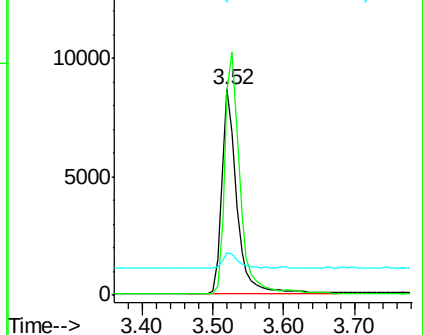
44 8.1 9.2 13.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 4.81 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

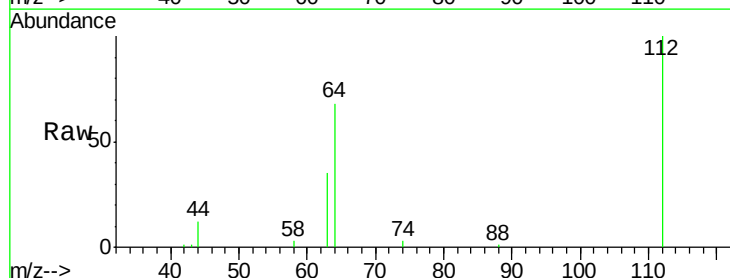
Tgt Ion: 112 Resp: 17938

Ion Ratio Lower Upper

112 100

64 68.8 55.4 83.2

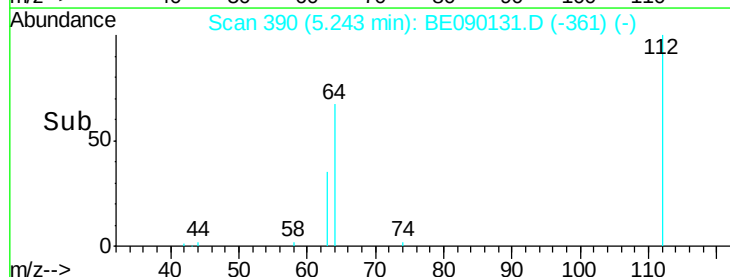
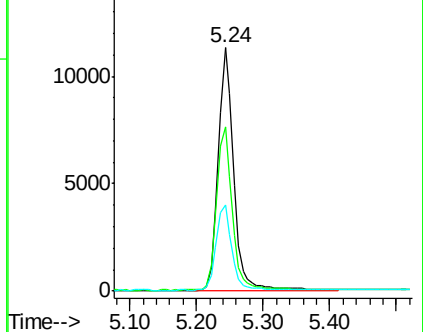
63 35.8 29.3 43.9

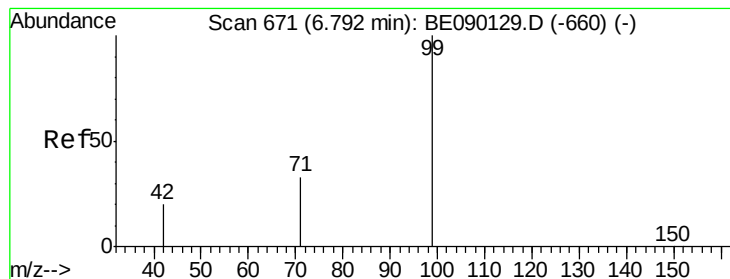


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.81 ng

RT: 6.79 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

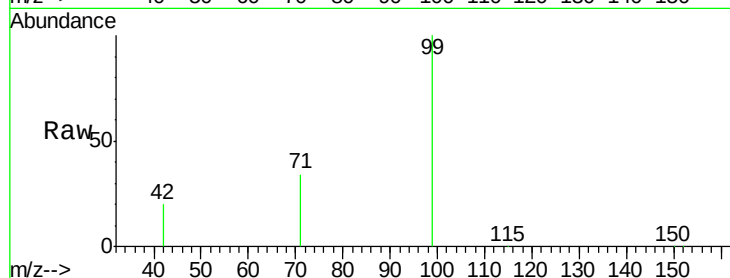
Tgt Ion: 99 Resp: 26580

Ion Ratio Lower Upper

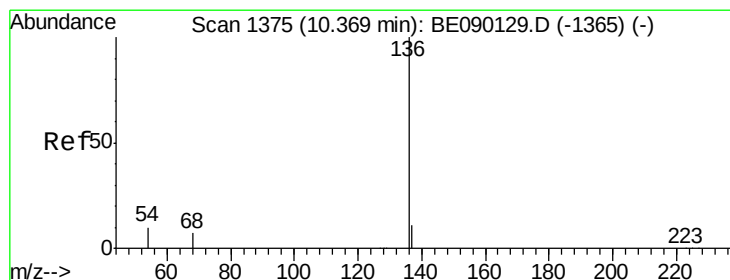
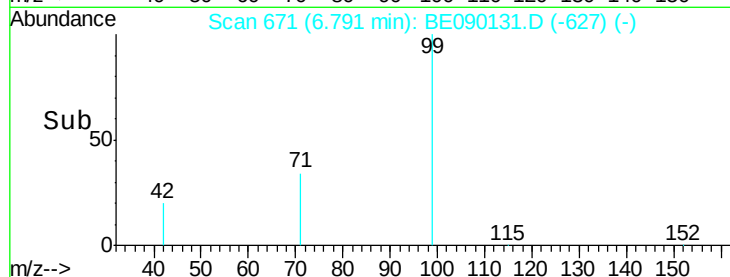
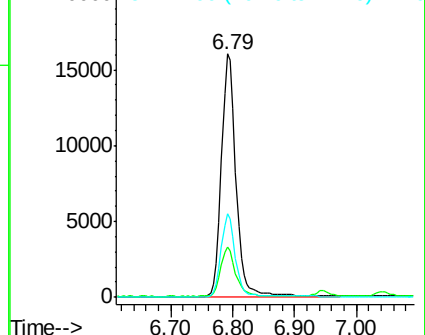
99 100

42 21.0 16.8 25.2

71 33.3 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Tgt Ion: 136 Resp: 76625

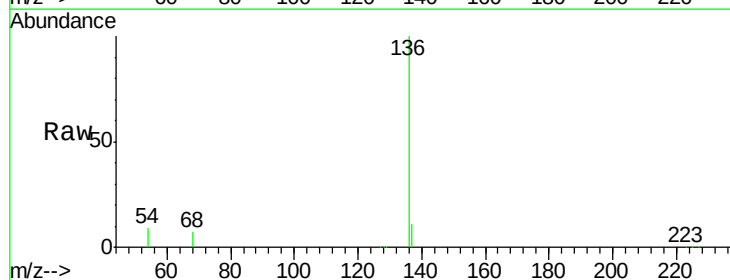
Ion Ratio Lower Upper

136 100

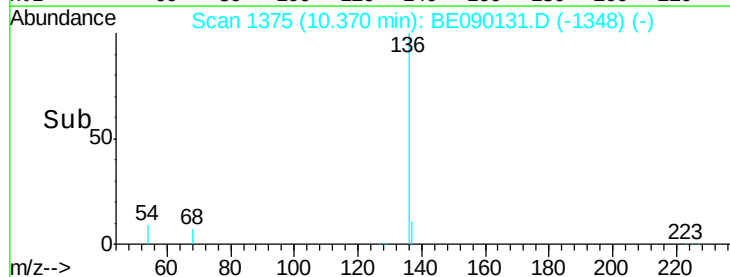
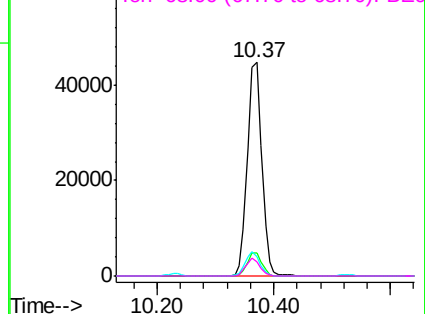
137 11.0 8.9 13.3

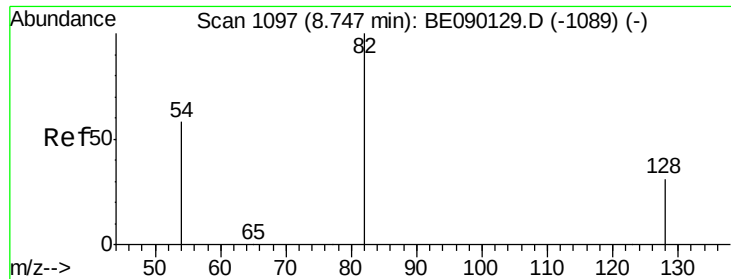
54 9.2 7.8 11.8

68 6.9 5.8 8.8



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: 5.30 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

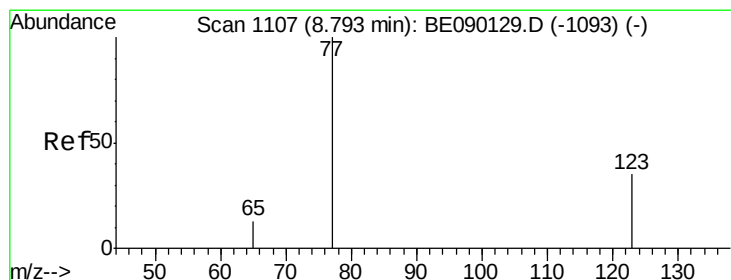
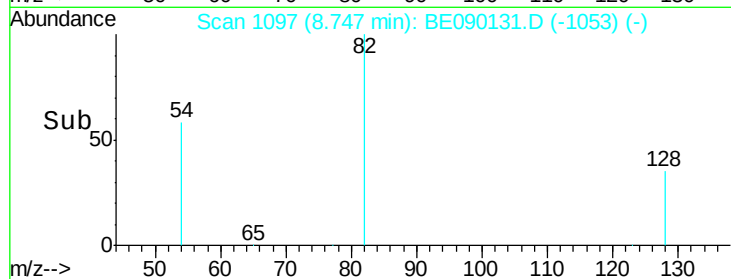
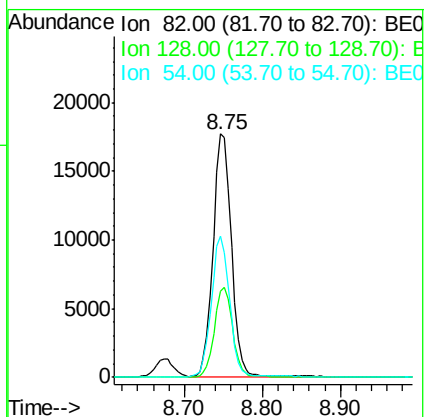
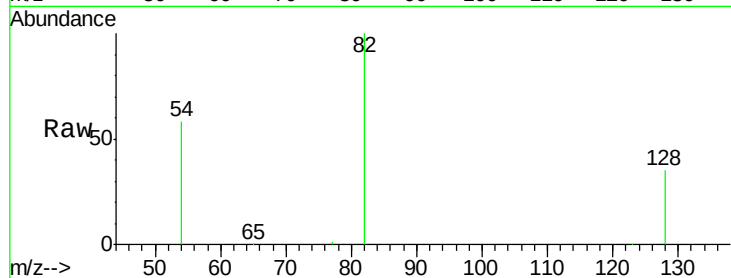
Tgt Ion: 82 Resp: 28604

Ion Ratio Lower Upper

82 100

128 35.2 26.2 39.2

54 57.9 47.1 70.7



#8

Nitrobenzene

Concen: 5.46 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

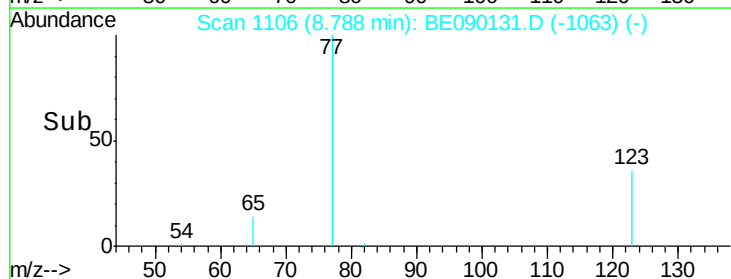
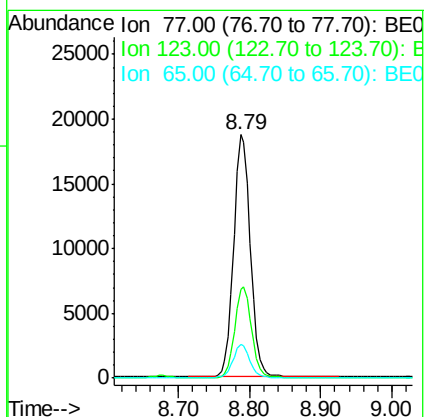
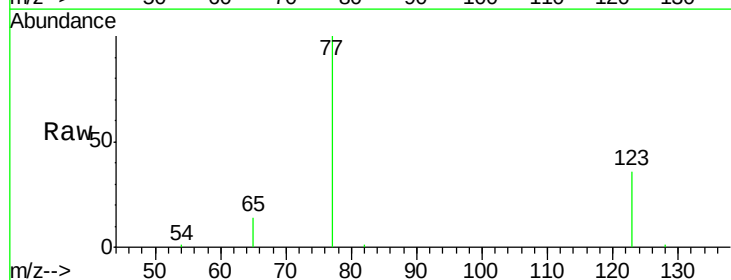
Tgt Ion: 77 Resp: 30735

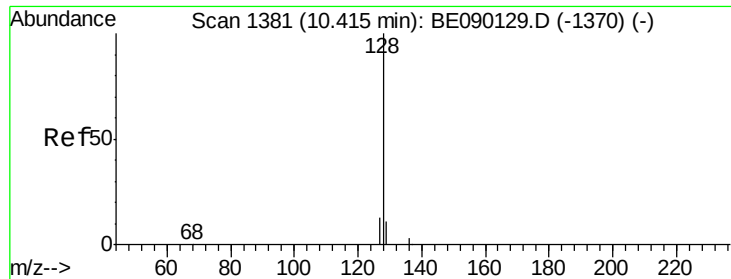
Ion Ratio Lower Upper

77 100

123 37.5 28.5 42.7

65 13.5 10.2 15.2





#9

Naphthalene

Concen: 4.73 ng

RT: 10.42 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

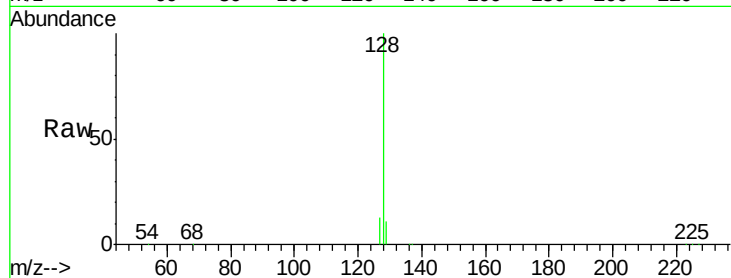
Tgt Ion:128 Resp: 78009

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

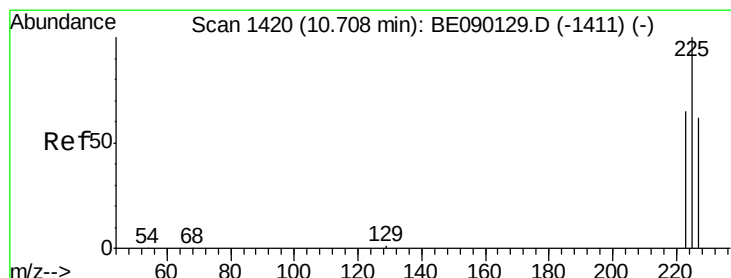
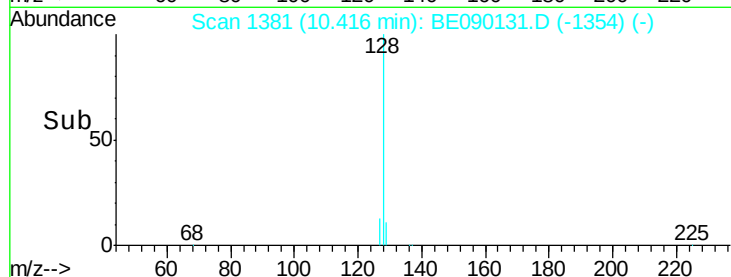
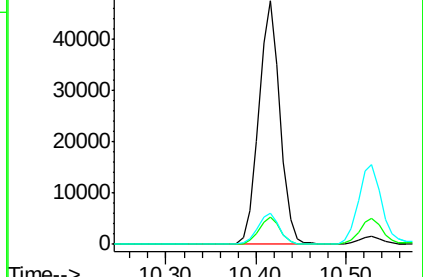
127 13.0 10.8 16.2



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: 4.73 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

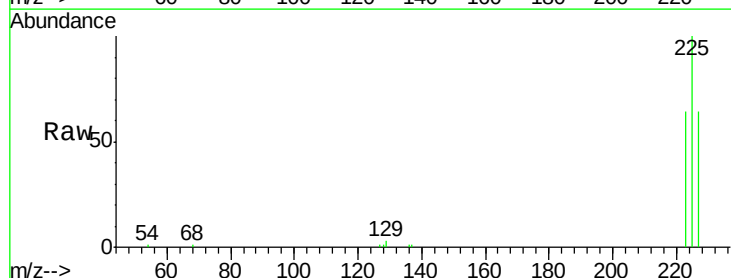
Tgt Ion:225 Resp: 12902

Ion Ratio Lower Upper

225 100

223 63.3 50.2 75.2

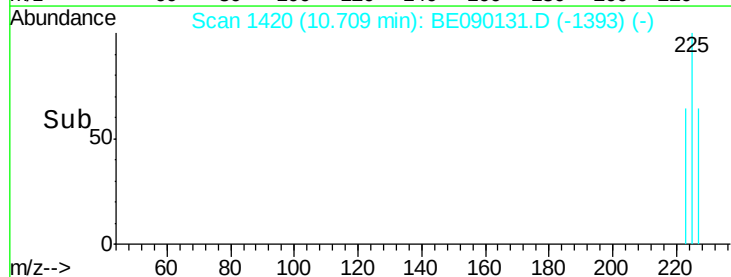
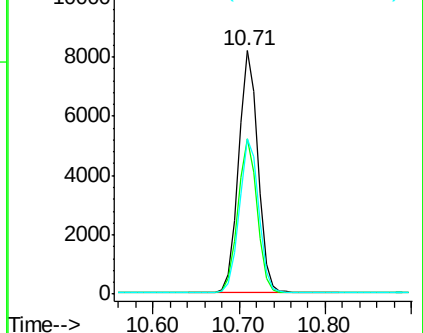
227 64.0 51.3 76.9

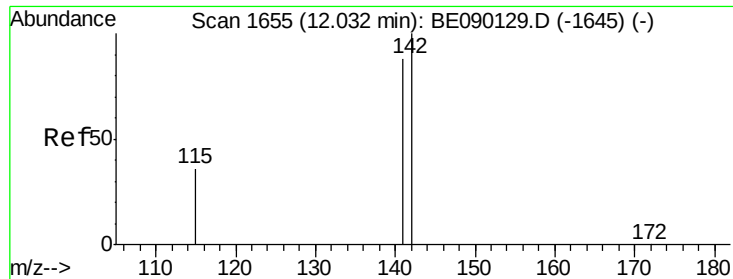


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

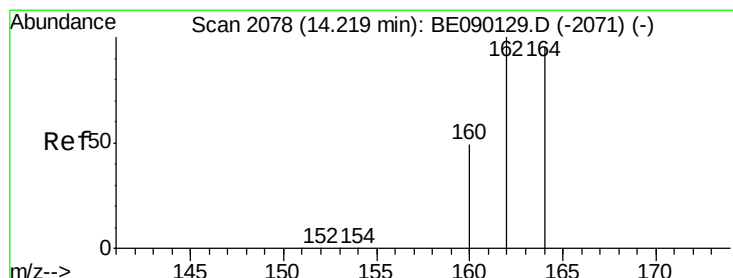
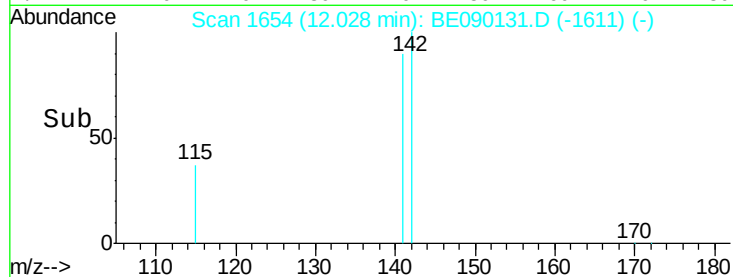
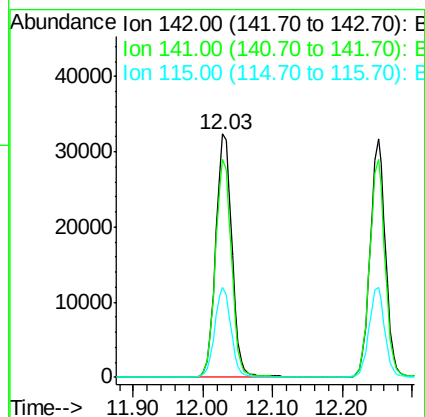
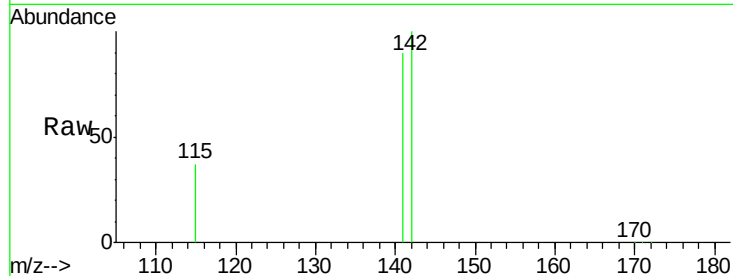




#11
2-Methylnaphthalene
Concen: 4.86 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE090131.D
Acq: 16 Jul 2015 22:42

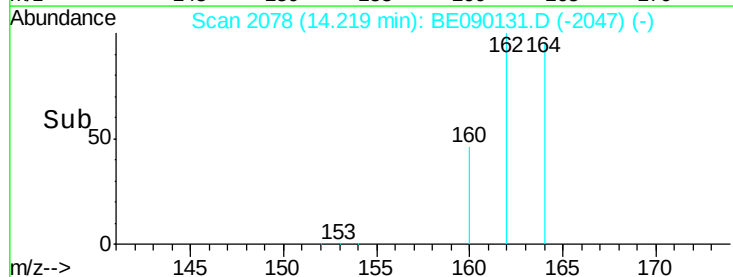
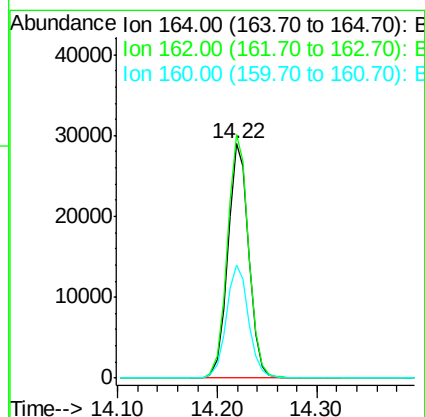
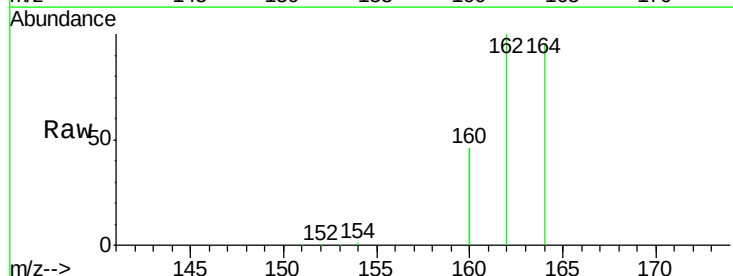
Instrument :
BNA_E
ClientSampleId :
SSTDIC005

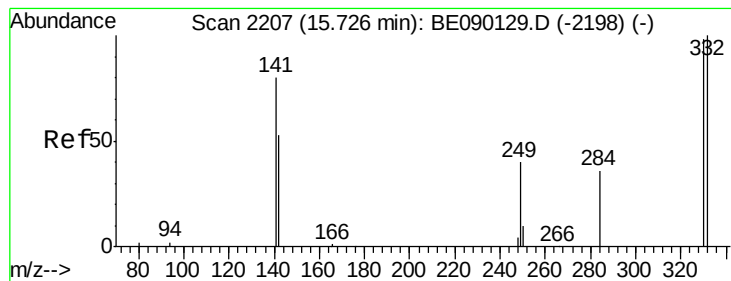
Tgt Ion:142 Resp: 51939
Ion Ratio Lower Upper
142 100
141 89.6 70.6 105.8
115 37.2 29.4 44.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090131.D
Acq: 16 Jul 2015 22:42

Tgt Ion:164 Resp: 42306
Ion Ratio Lower Upper
164 100
162 103.9 84.0 126.0
160 48.3 41.1 61.7





#13

2,4,6-Tribromophenol

Concen: 5.84 ng

RT: 15.73 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

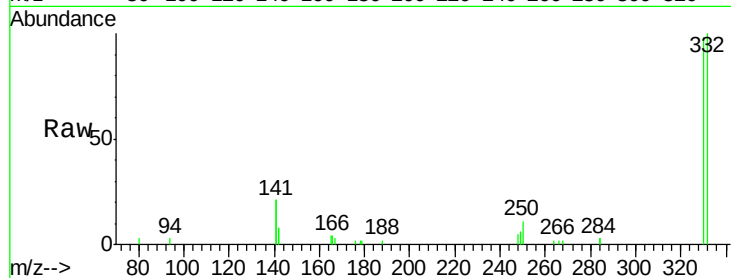
Tgt Ion:330 Resp: 4865

Ion Ratio Lower Upper

330 100

332 96.8 79.4 119.0

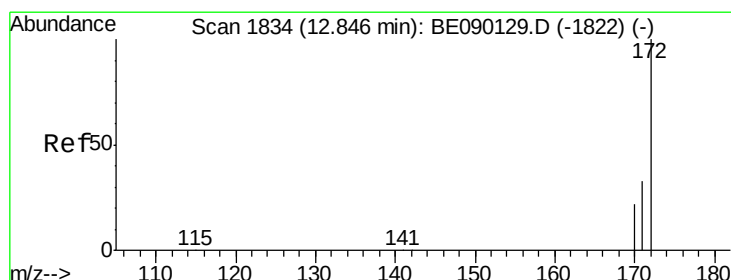
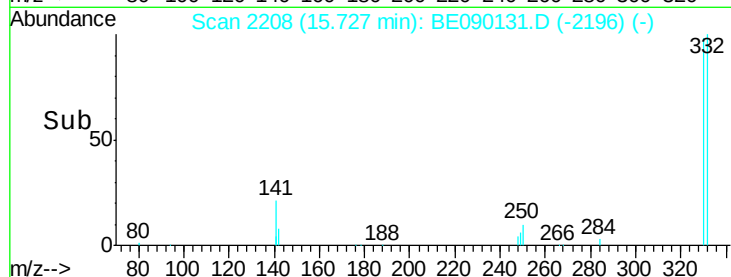
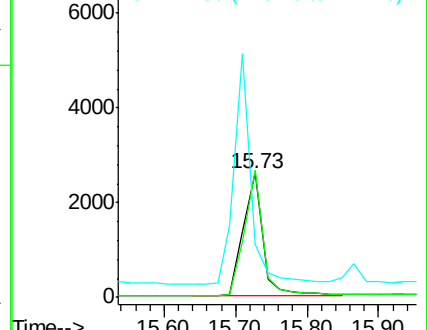
141 164.8 160.2 240.2



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: 4.70 ng

RT: 12.84 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

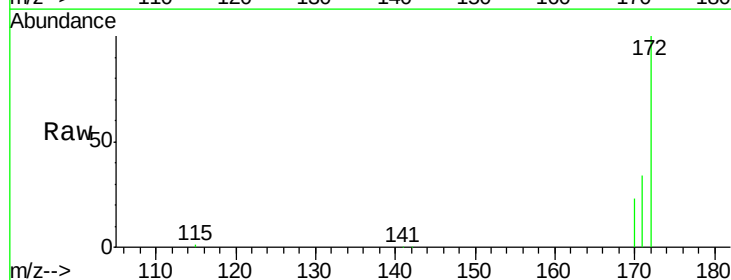
Tgt Ion:172 Resp: 60374

Ion Ratio Lower Upper

172 100

171 34.1 27.1 40.7

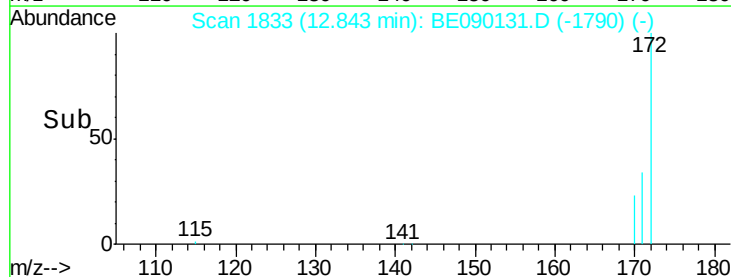
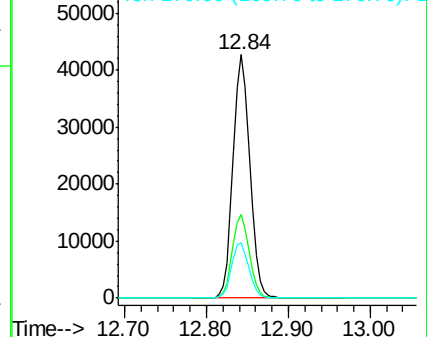
170 22.7 17.9 26.9

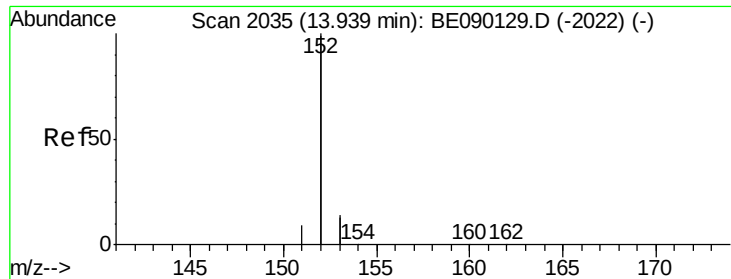


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 4.94 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

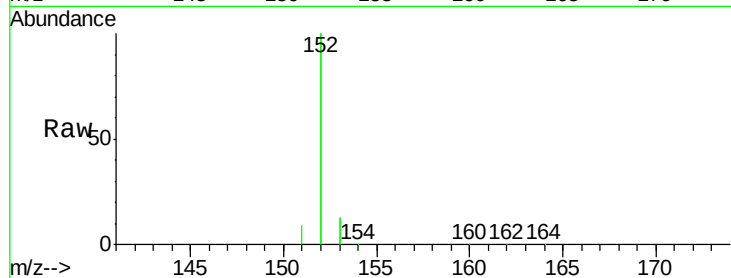
Tgt Ion:152 Resp: 359385

Ion Ratio Lower Upper

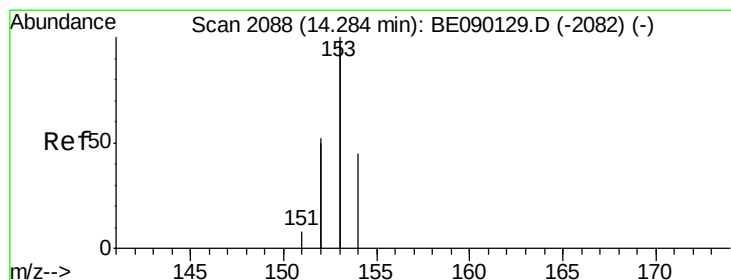
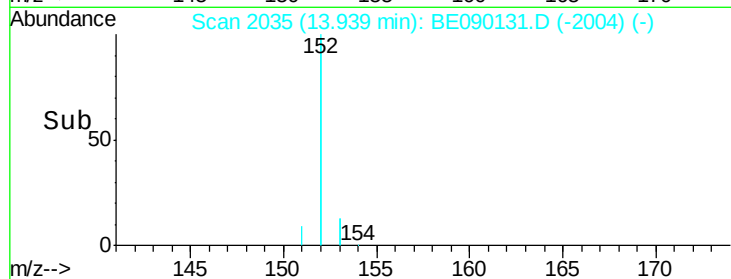
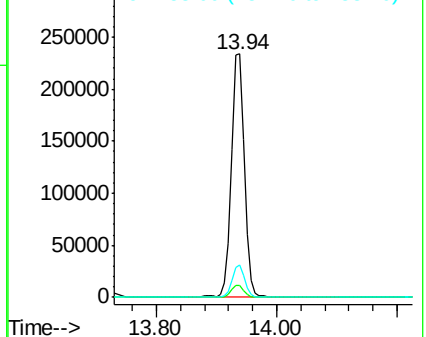
152 100

151 4.8 3.8 5.8

153 13.0 10.4 15.6



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: 4.87 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

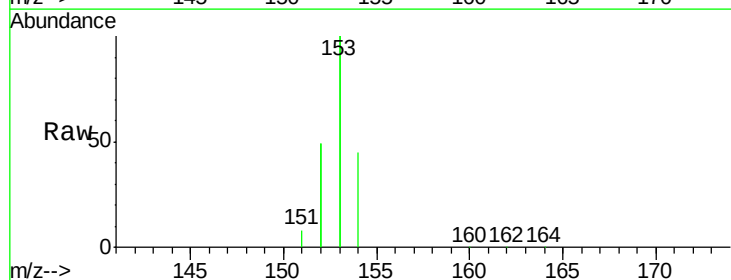
Tgt Ion:154 Resp: 50668

Ion Ratio Lower Upper

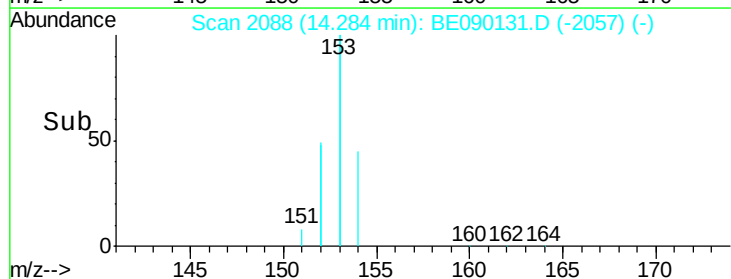
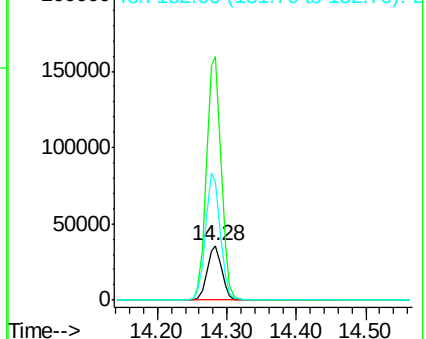
154 100

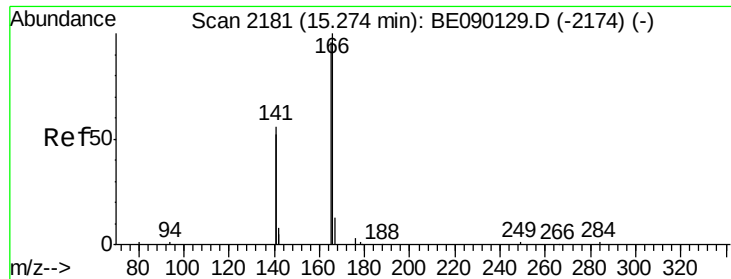
153 454.8 369.5 554.3

152 237.5 202.2 303.4



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

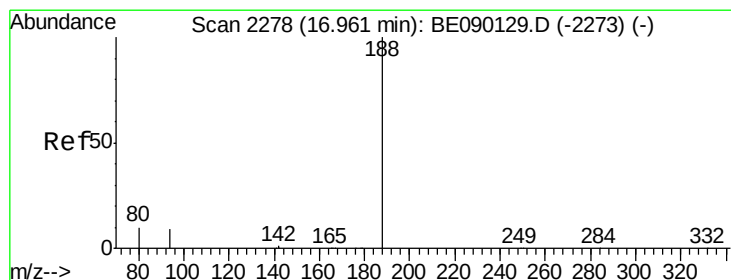
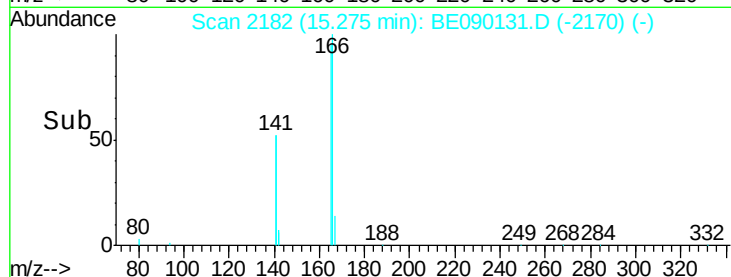
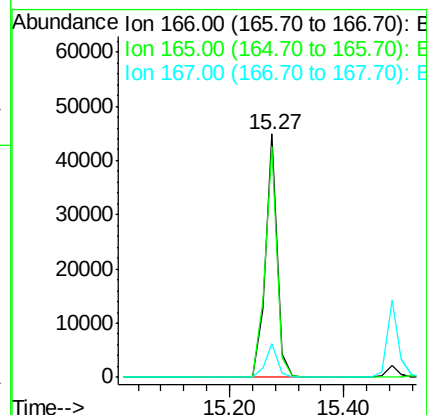
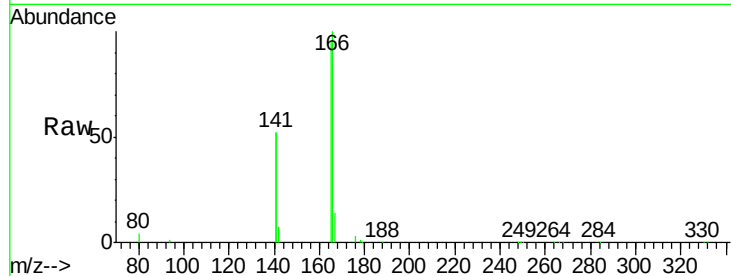




#17
Fluorene
 Concen: 4.82 ng
 RT: 15.27 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE090131.D
 Acq: 16 Jul 2015 22:42

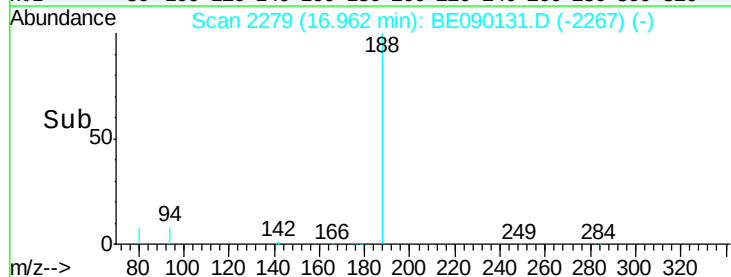
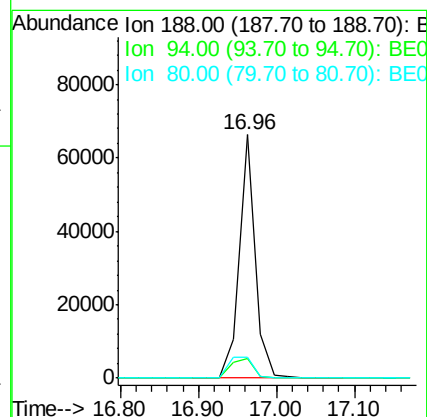
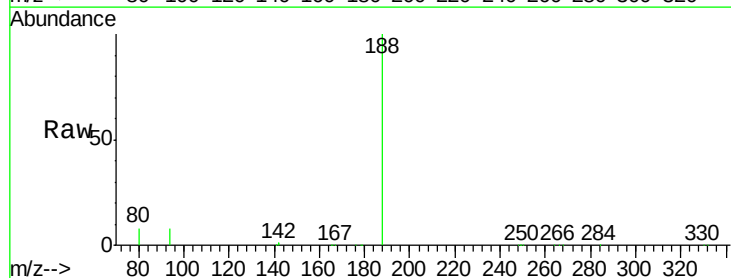
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

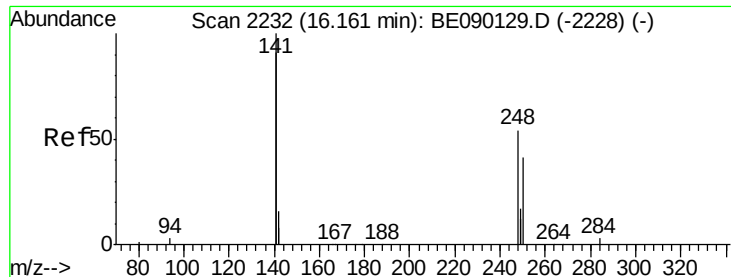
Tgt Ion:166 Resp: 65123
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.7 118.1
 167 13.7 11.1 16.7



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090131.D
 Acq: 16 Jul 2015 22:42

Tgt Ion:188 Resp: 94447
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.3 10.9
 80 8.5 8.0 12.0





#19

4-Bromophenyl-phenylether

Concen: 4.88 ng

RT: 16.16 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

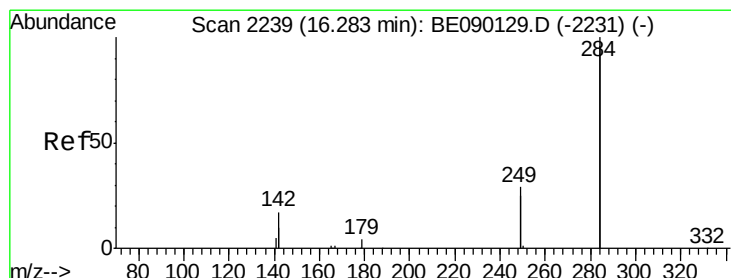
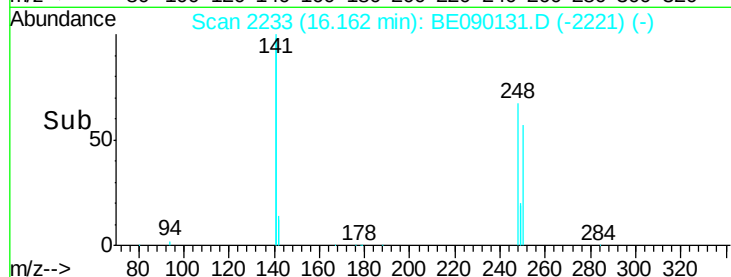
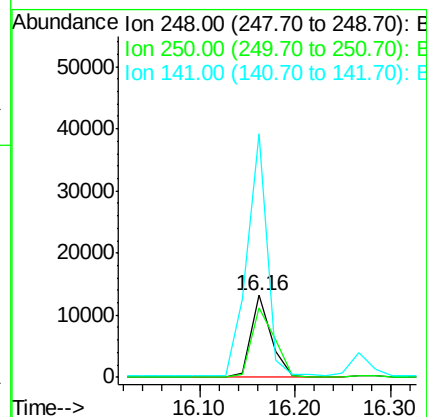
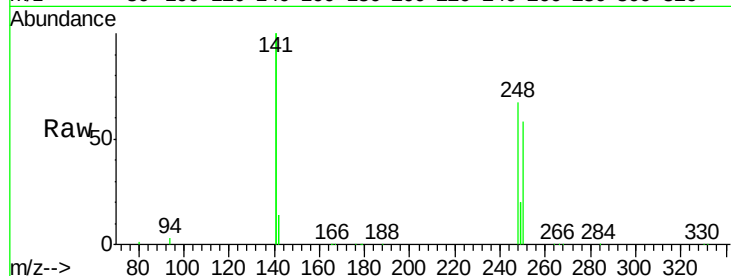
Tgt Ion:248 Resp: 19028

Ion Ratio Lower Upper

248 100

250 98.0 76.2 114.4

141 297.2 246.0 369.0



#20

Hexachlorobenzene

Concen: 4.78 ng

RT: 16.28 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

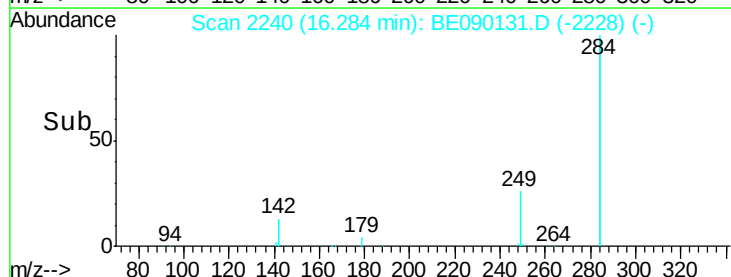
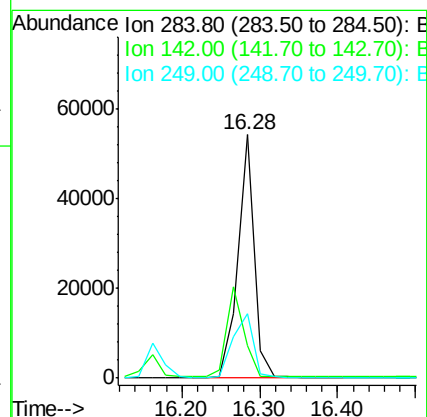
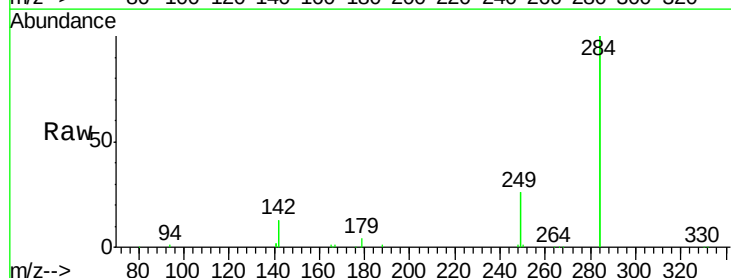
Tgt Ion:284 Resp: 78117

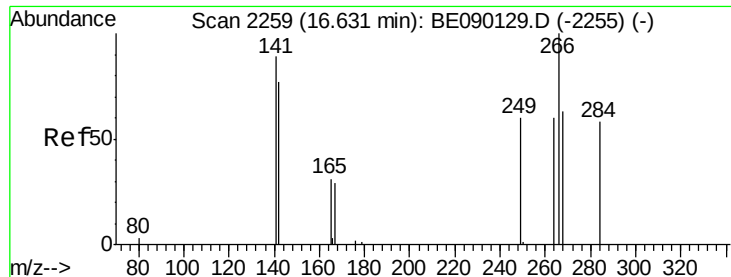
Ion Ratio Lower Upper

284 100

142 38.7 30.2 45.4

249 32.5 25.5 38.3





#21

Pentachlorophenol

Concen: 4.95 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

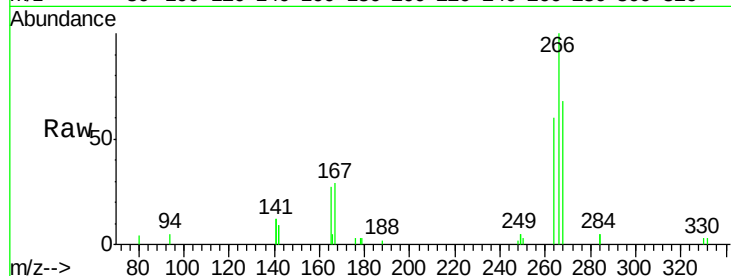
Tgt Ion:266 Resp: 4705

Ion Ratio Lower Upper

266 100

268 67.7 58.2 87.2

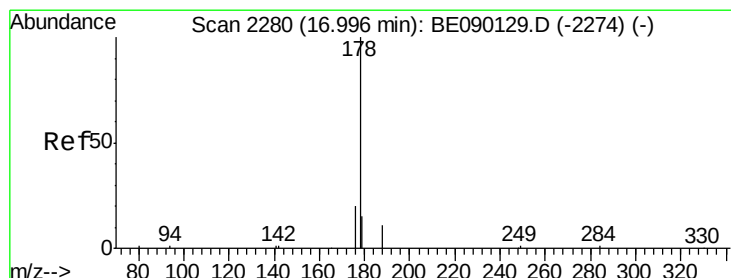
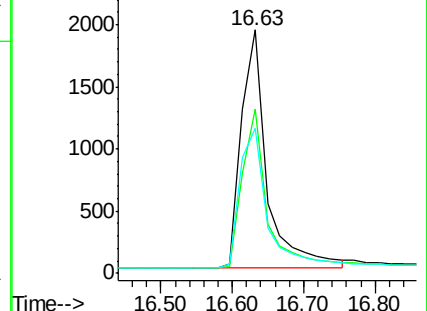
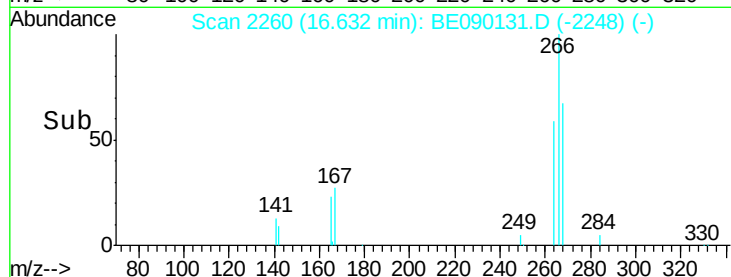
264 59.6 55.8 83.6



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: 4.82 ng

RT: 17.00 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

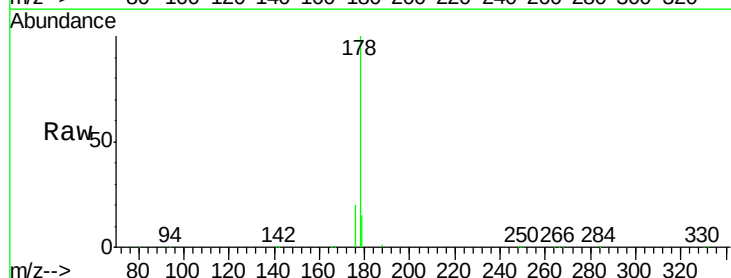
Tgt Ion:178 Resp: 107394

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

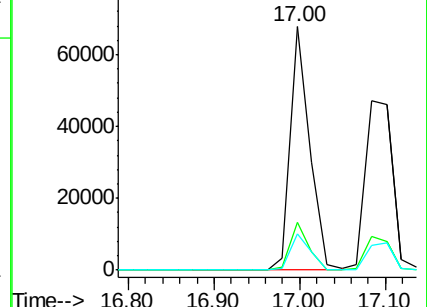
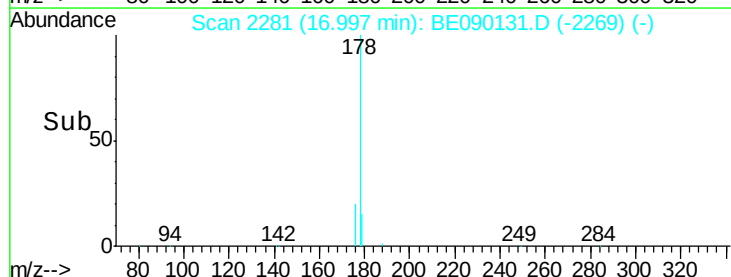
179 15.2 12.2 18.4

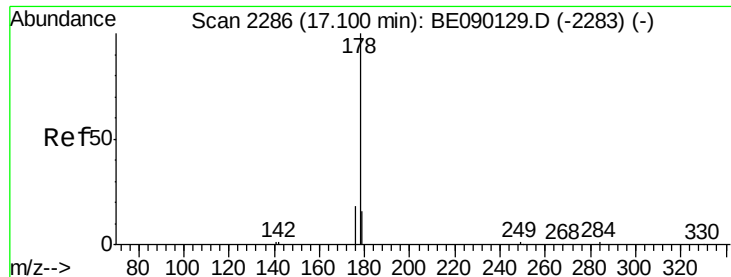


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 5.09 ng

RT: 17.08 min Scan# 2286

Delta R.T. -0.02 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

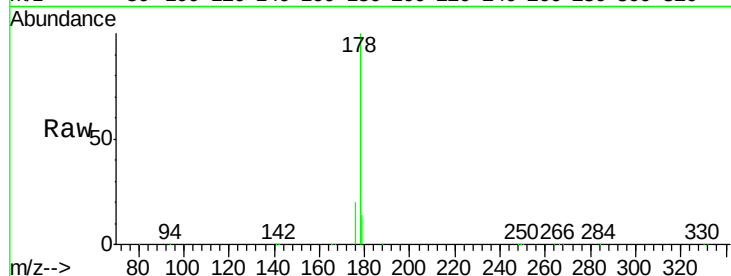
Tgt Ion:178 Resp: 102426

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

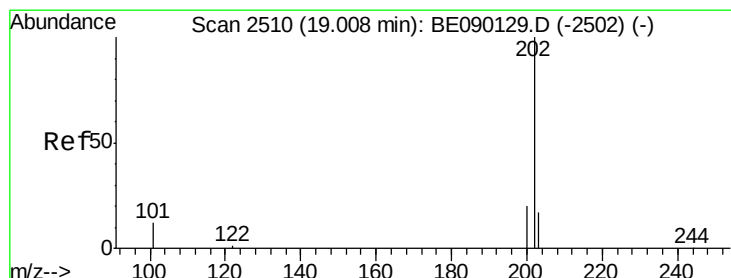
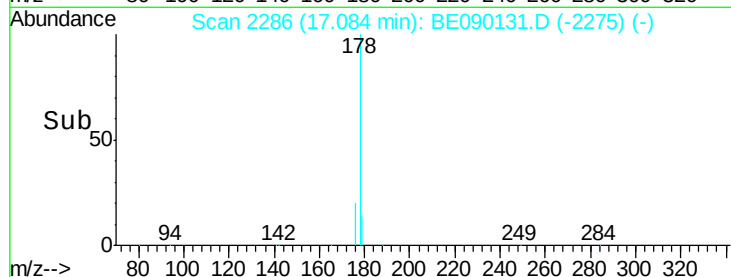
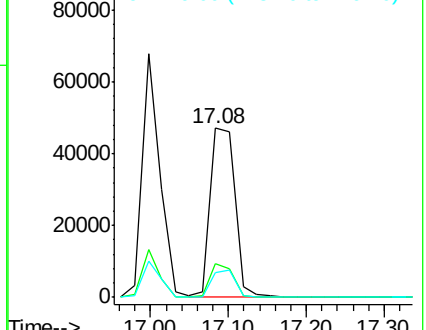
179 15.3 12.2 18.4



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: 5.11 ng

RT: 19.00 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

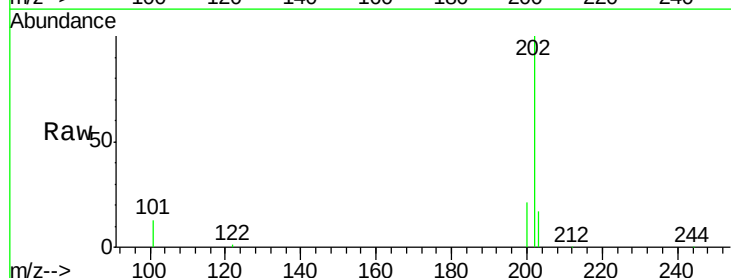
Tgt Ion:202 Resp: 117970

Ion Ratio Lower Upper

202 100

101 12.8 10.1 15.1

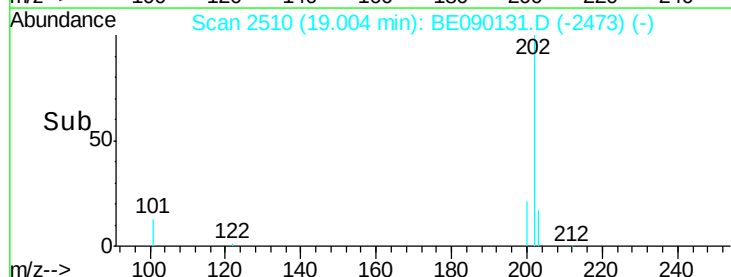
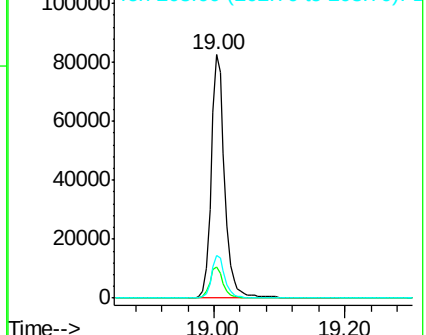
203 17.3 13.8 20.8

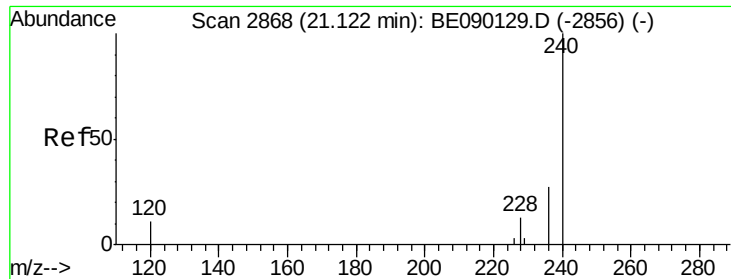


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2868

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

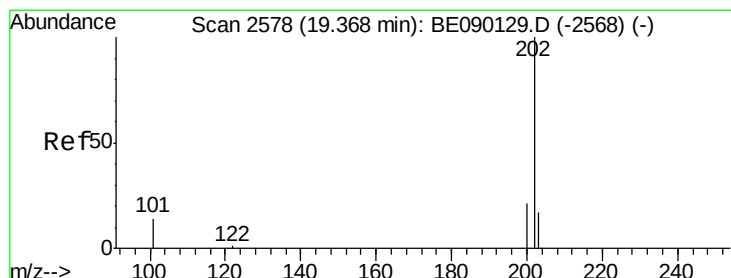
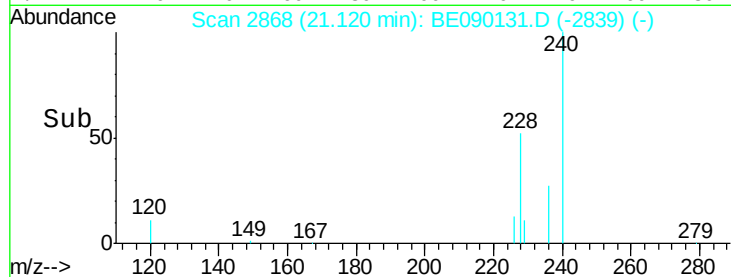
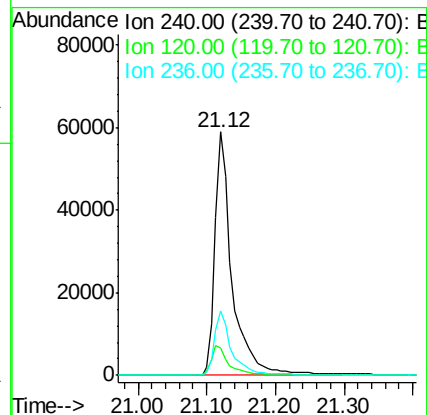
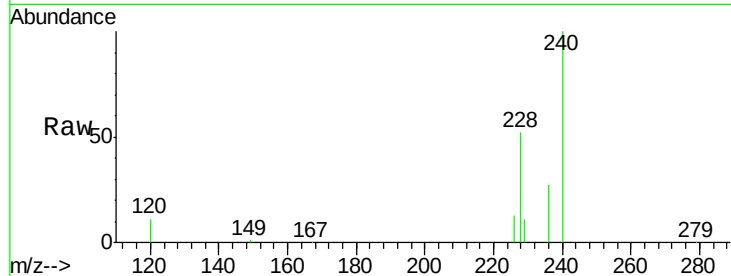
Tgt Ion:240 Resp: 102447

Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

236 26.7 21.4 32.0



#26

Pyrene

Concen: 5.09 ng

RT: 19.36 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

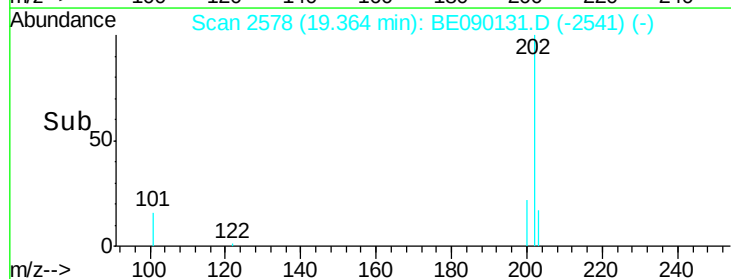
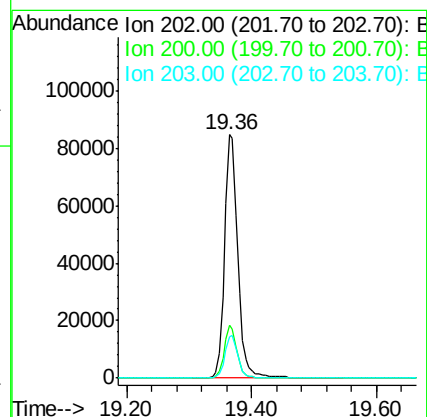
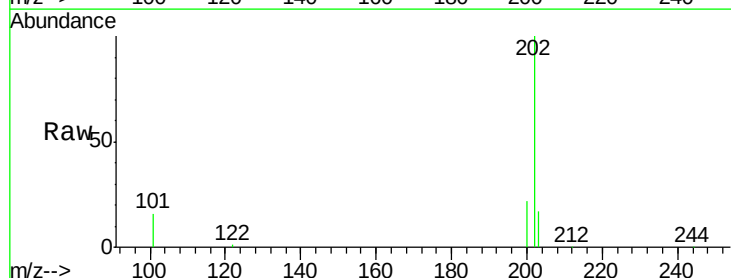
Tgt Ion:202 Resp: 123328

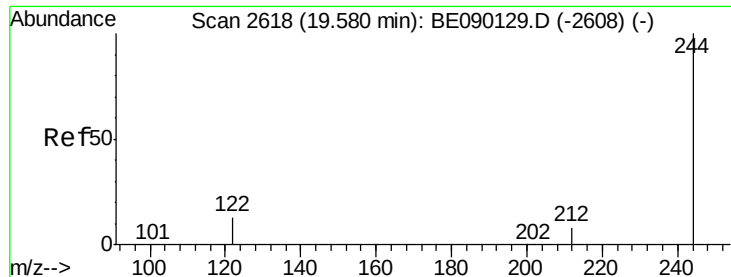
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 17.5 13.9 20.9

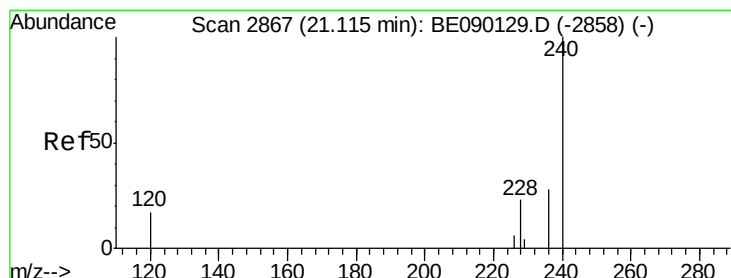
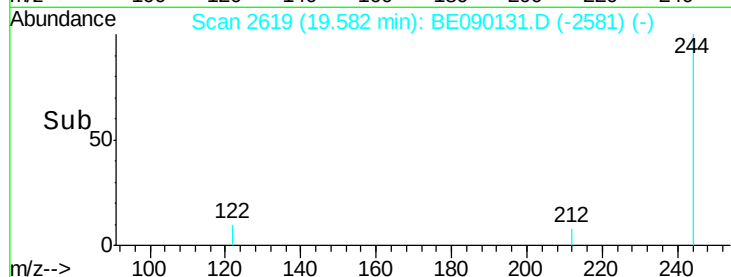
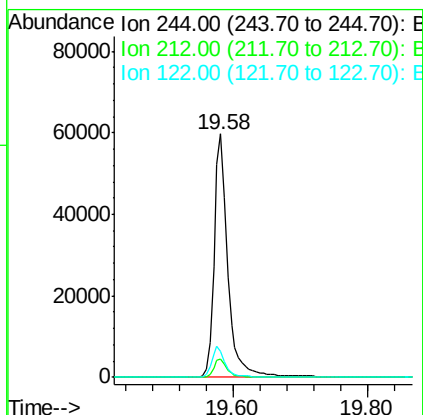
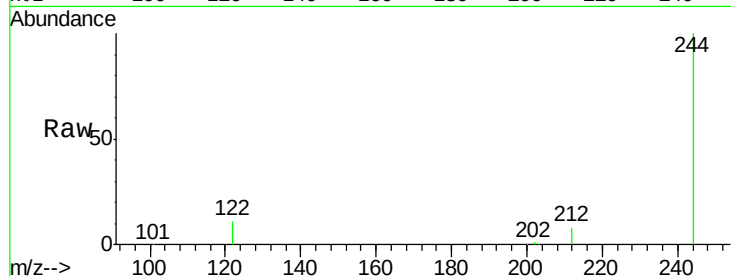




#27
 Terphenyl-d14
 Concen: 5.02 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BE090131.D
 Acq: 16 Jul 2015 22:42

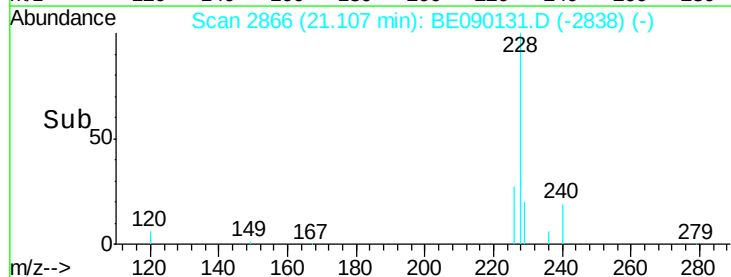
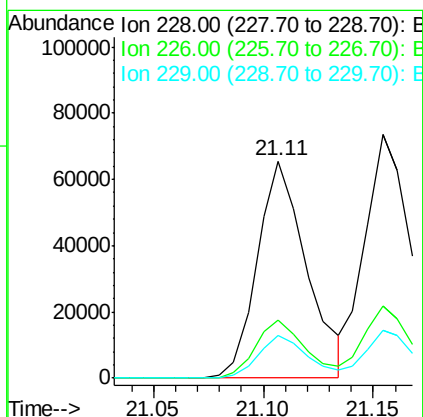
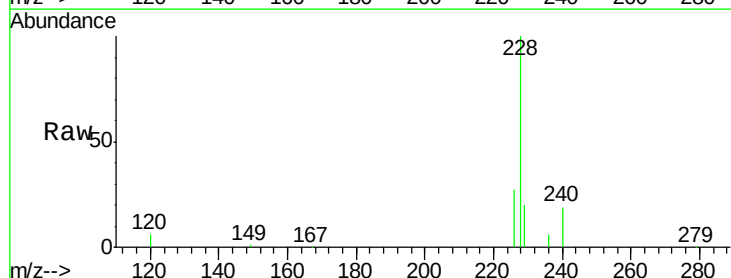
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

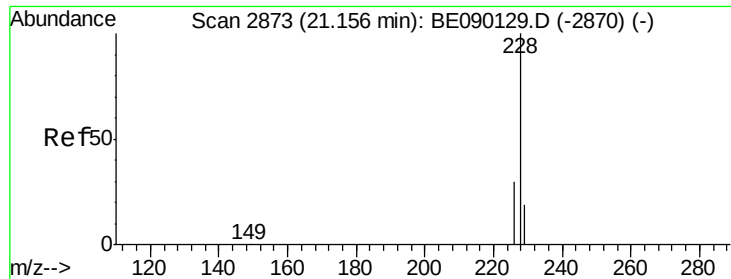
Tgt Ion:244 Resp: 83800
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 10.7 10.7 16.1



#28
 Benzo(a)anthracene
 Concen: 4.60 ng
 RT: 21.11 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BE090131.D
 Acq: 16 Jul 2015 22:42

Tgt Ion:228 Resp: 102172
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.3 31.9
 229 19.6 16.1 24.1





#29

Chrysene

Concen: 5.06 ng

RT: 21.15 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

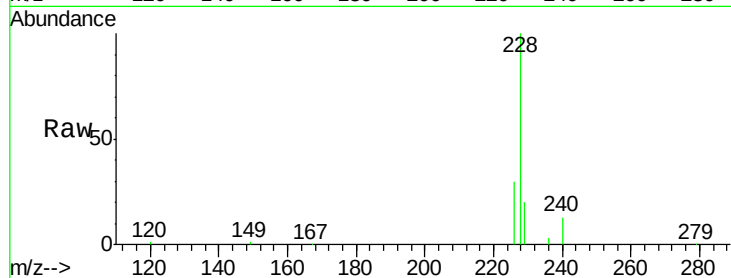
Tgt Ion:228 Resp: 129842

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

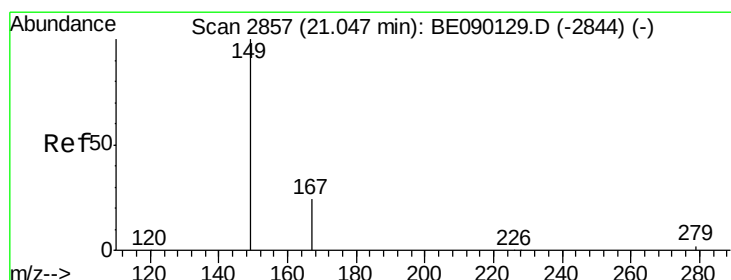
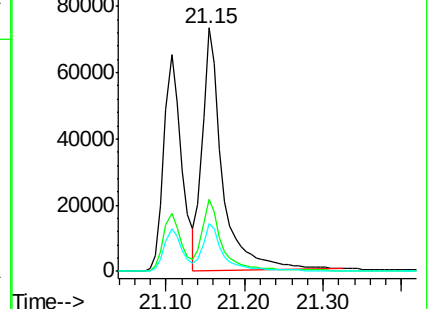
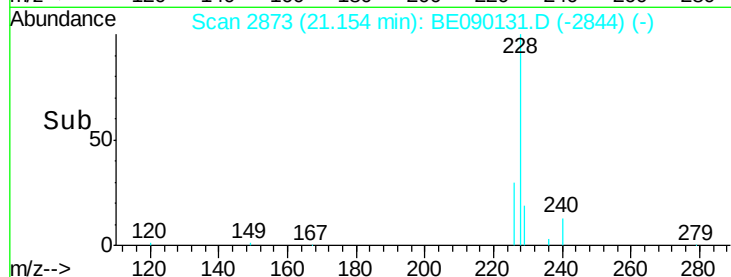
229 19.5 16.0 24.0



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: 5.94 ng

RT: 21.05 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

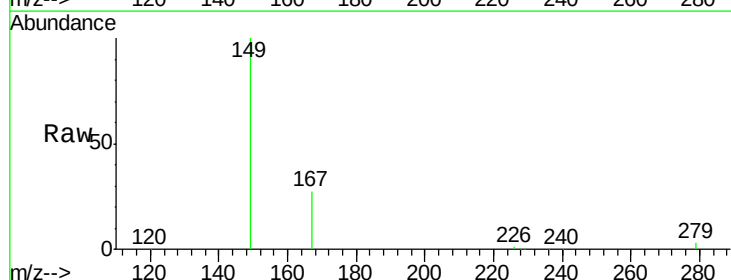
Tgt Ion:149 Resp: 31330

Ion Ratio Lower Upper

149 100

167 26.1 18.6 27.8

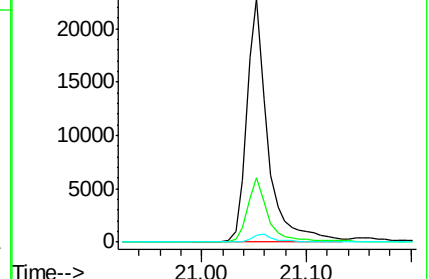
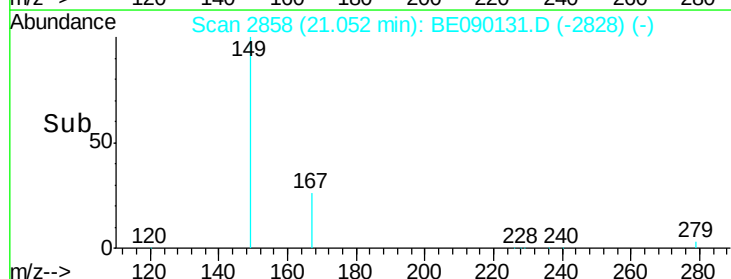
279 3.1 2.2 3.4

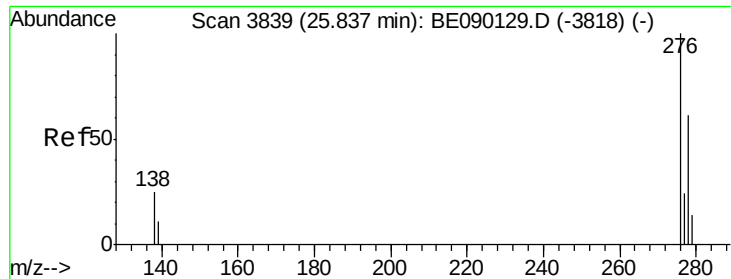


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.51 ng

RT: 25.85 min Scan# 3844

Delta R.T. 0.02 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

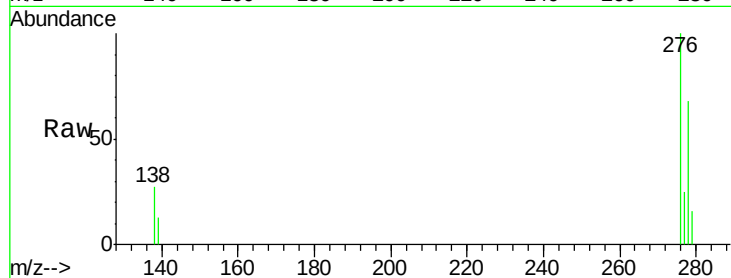
Tgt Ion: 276 Resp: 65730

Ion Ratio Lower Upper

276 100

138 26.4 17.3 25.9#

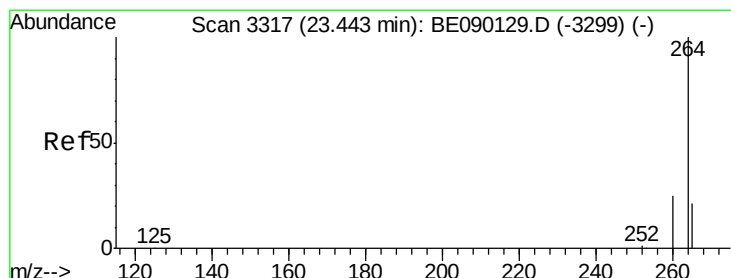
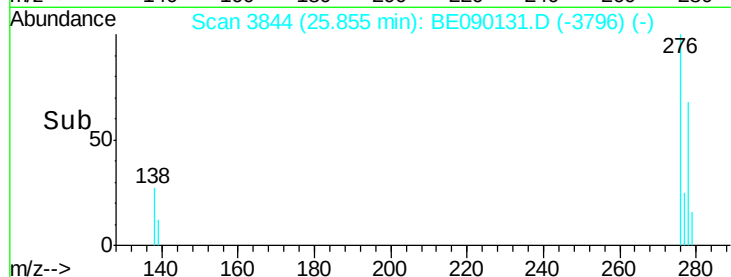
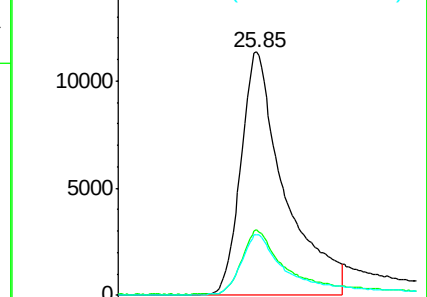
277 24.7 17.3 25.9



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: 23.44 min Scan# 3317

Delta R.T. -0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

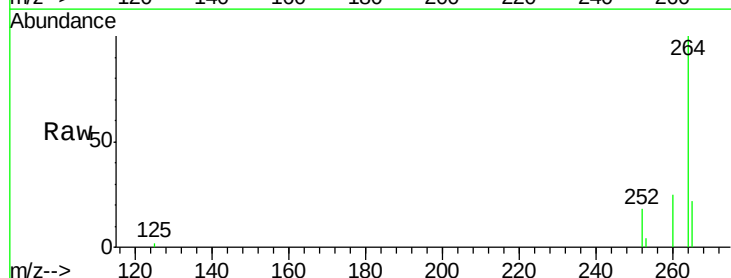
Tgt Ion: 264 Resp: 78555

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

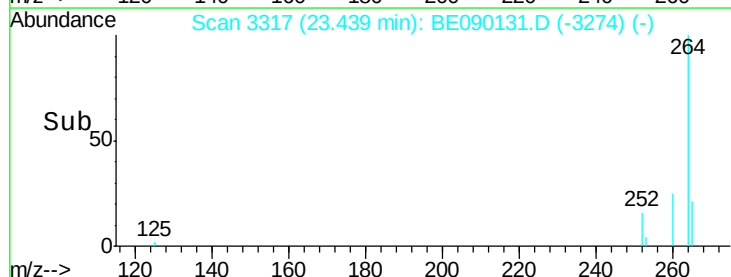
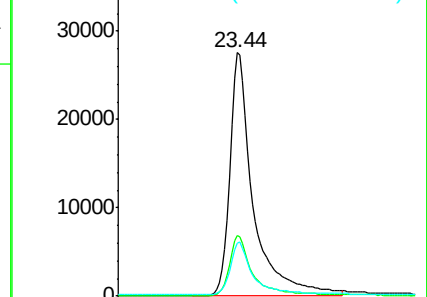
265 21.8 17.8 26.8

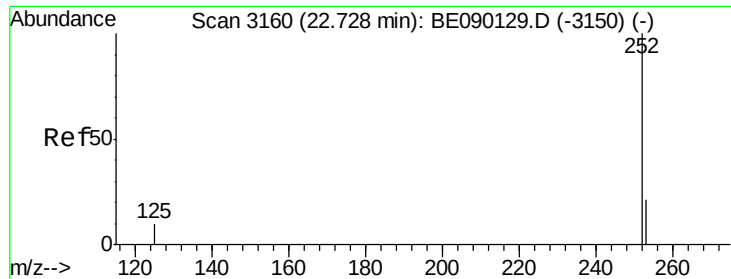


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 6.70 ng

RT: 22.78 min Scan# 3172

Delta R.T. 0.05 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

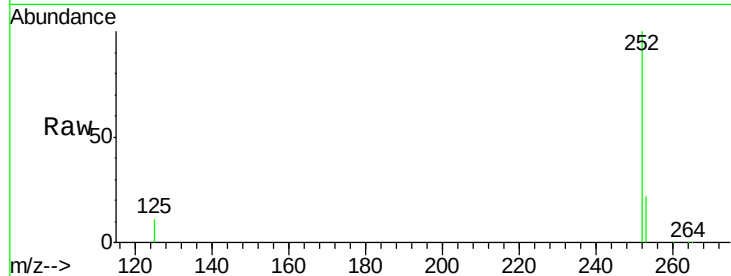
Tgt Ion:252 Resp: 106088

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.6

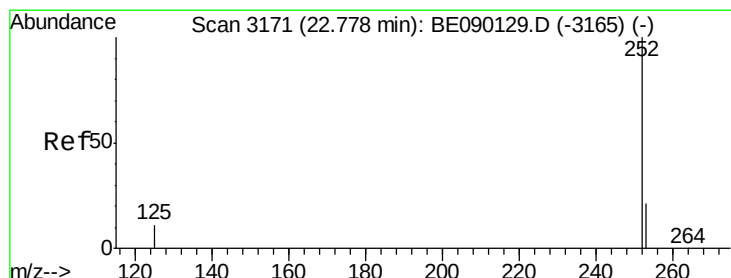
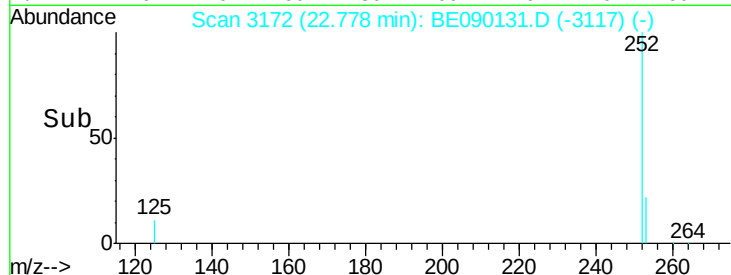
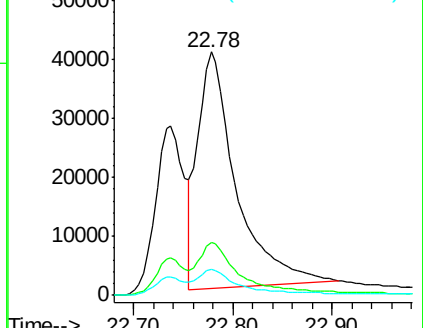
125 10.7 10.7 16.1



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: 6.04 ng

RT: 22.78 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

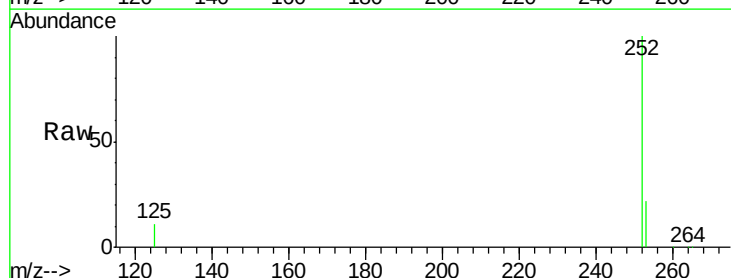
Tgt Ion:252 Resp: 115314

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

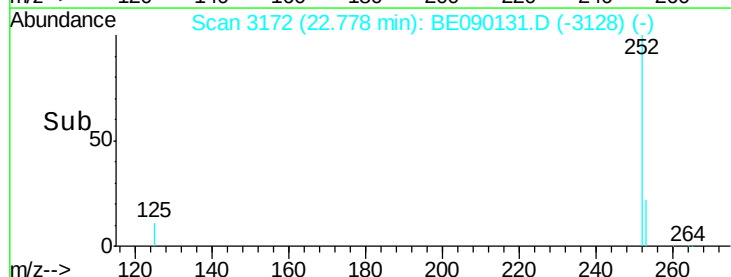
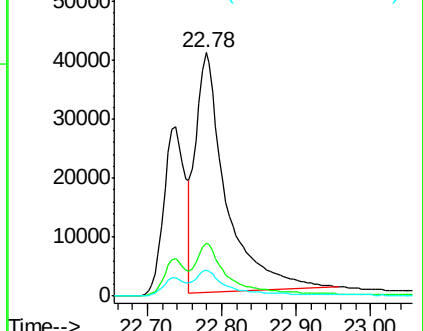
125 10.7 10.5 15.7

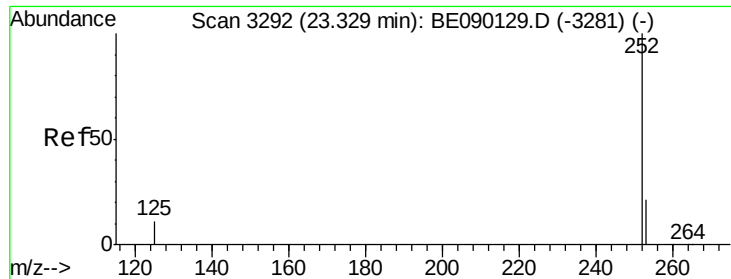


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 4.51 ng

RT: 23.34 min Scan# 3295

Delta R.T. 0.01 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

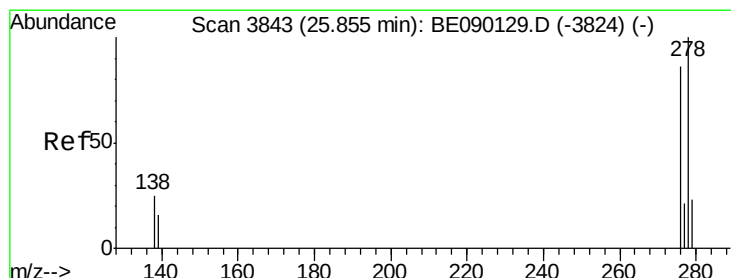
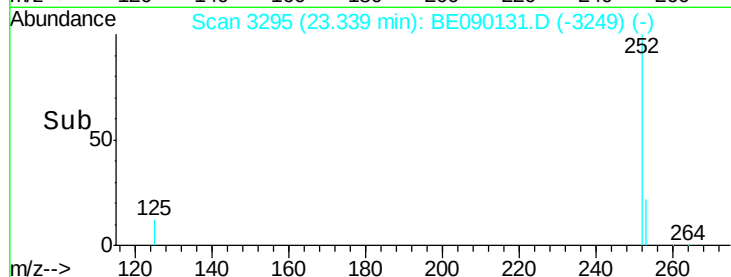
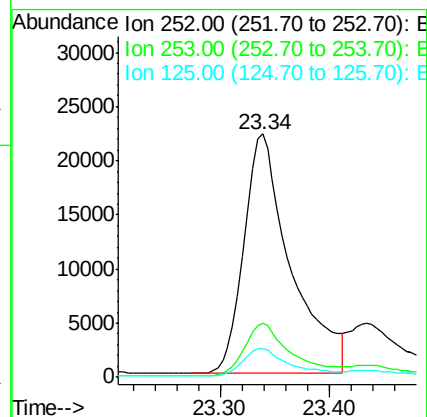
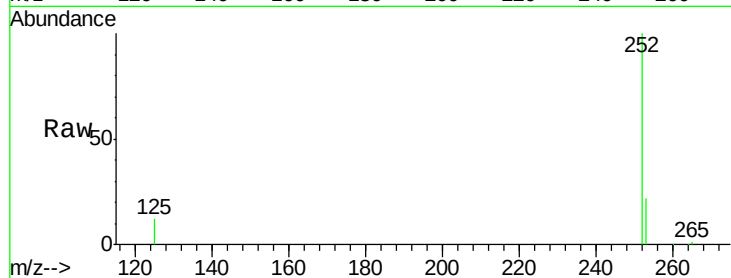
Tgt Ion:252 Resp: 65998

Ion Ratio Lower Upper

252 100

253 22.0 19.4 29.2

125 12.0 11.9 17.9



#36

Dibenzo(a,h)anthracene

Concen: 3.48 ng

RT: 25.86 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BE090131.D

Acq: 16 Jul 2015 22:42

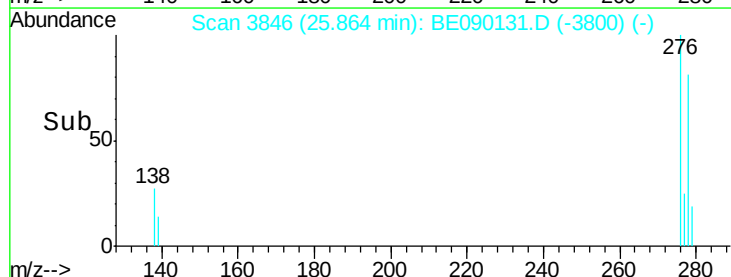
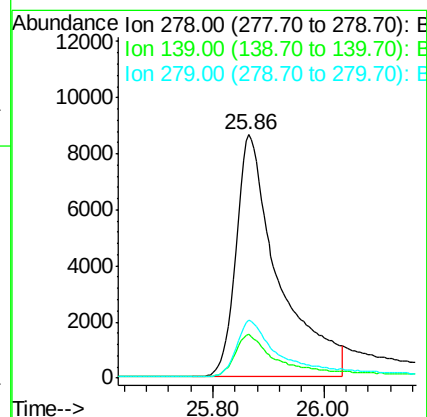
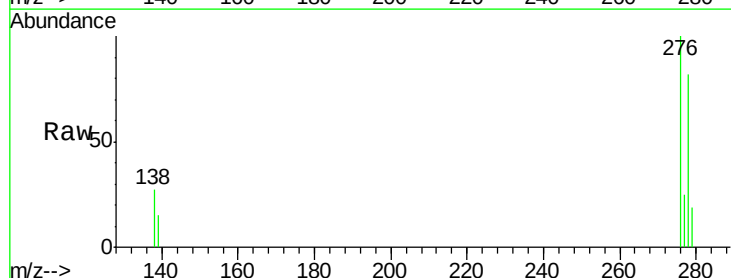
Tgt Ion:278 Resp: 45866

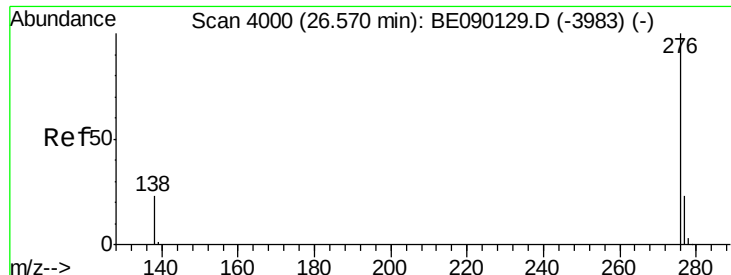
Ion Ratio Lower Upper

278 100

139 17.9 18.3 27.5#

279 23.6 23.3 34.9





#37

Benzo(g,h,i)perylene

Concen: 4.68 ng

RT: 26.58 min Scan# 4004

Delta R.T. 0.01 min

Lab File: BE090131.D

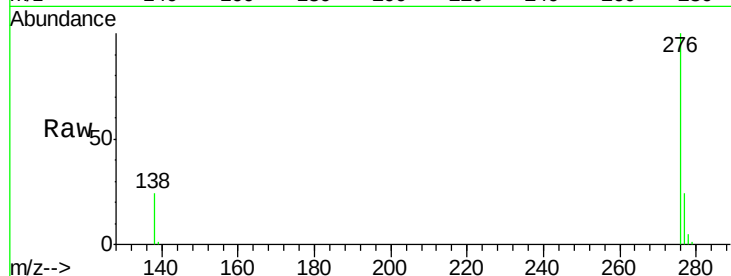
Acq: 16 Jul 2015 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC005



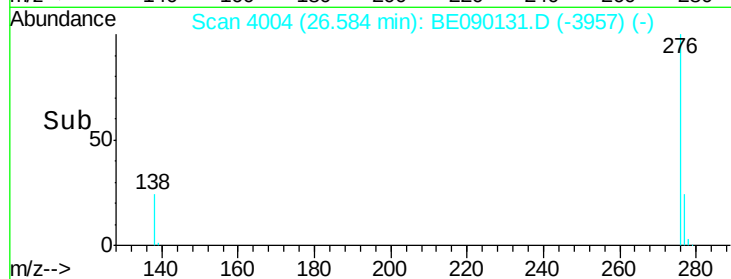
Tgt Ion: 276 Resp: 69154

Ion Ratio Lower Upper

276 100

277 24.1 22.0 33.0

138 23.9 22.0 33.0



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

