

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070115\
 Data File : BE090049.D
 Acq On : 1 Jul 2015 20:12
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jul 02 05:16:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	20696	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	91024	5.00	ng	-0.02
12) Acenaphthene-d10	14.23	164	51703	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	119606	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	144031	5.00	ng	-0.01
32) Perylene-d12	23.44	264	134802	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4629	0.97	ng	0.00
5) Phenol-d6	6.80	99	6576	0.99	ng	0.00
7) Nitrobenzene-d5	8.75	82	6295	0.87	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1330	0.88	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	14272	0.92	ng	-0.01
27) Terphenyl-d14	19.58	244	22107	0.92	ng	-0.01

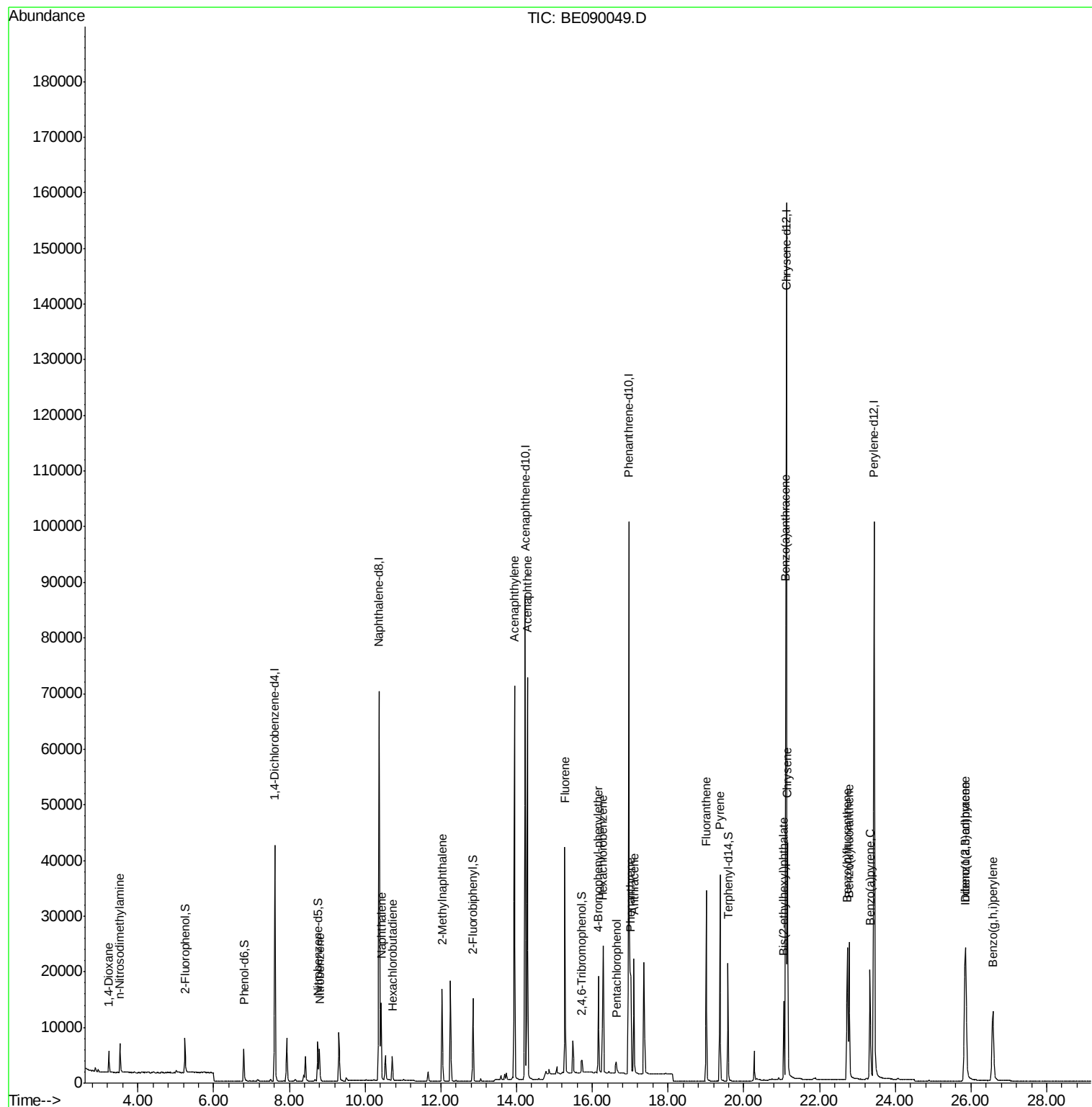
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	2440	0.86	ng	94
3) n-Nitrosodimethylamine	3.52	42	3177	0.83	ng	93
8) Nitrobenzene	8.79	77	6649	0.87	ng	99
9) Naphthalene	10.42	128	18934	0.92	ng	100
10) Hexachlorobutadiene	10.72	225	3025	0.94	ng	99
11) 2-Methylnaphthalene	12.04	142	12320	0.90	ng	97
15) Acenaphthylene	13.94	152	87438	0.94	ng	100
16) Acenaphthene	14.28	154	12776	0.95	ng	98
17) Fluorene	15.27	166	16638	0.91	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	4449	0.88	ng	92
20) Hexachlorobenzene	16.28	284	19887	0.94	ng	96
21) Pentachlorophenol	16.63	266	1432	0.77	ng	98
22) Phenanthrene	17.01	178	27615	0.90	ng	100
23) Anthracene	17.10	178	25688	0.92	ng	99
24) Fluoranthene	19.01	202	31420	0.92	ng	100
26) Pyrene	19.37	202	32679	0.95	ng	100
28) Benzo(a)anthracene	21.10	228	34412	0.96	ng	99
29) Chrysene	21.16	228	33964	0.91	ng	100
30) Bis(2-ethylhexyl)phthalate	21.05	149	12126	0.99	ng	99
31) Indeno(1,2,3-cd)pyrene	25.84	276	35855	1.00	ng	99
33) Benzo(b)fluoranthene	22.73	252	32424	1.09	ng	99
34) Benzo(k)fluoranthene	22.78	252	33493	1.01	ng	99
35) Benzo(a)pyrene	23.33	252	29395	1.07	ng	100
36) Dibenzo(a,h)anthracene	25.86	278	28420	1.01	ng	99
37) Benzo(g,h,i)perylene	26.57	276	28732	1.01	ng	98

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

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

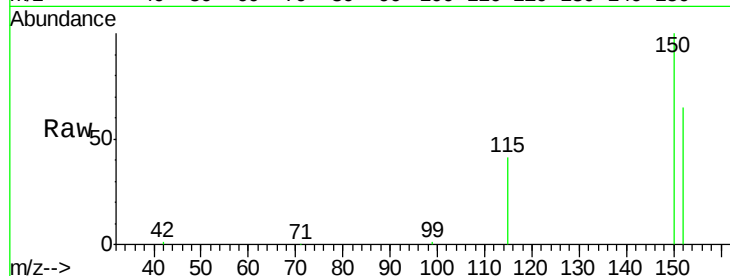
Tgt Ion:152 Resp: 20696

Ion Ratio Lower Upper

152 100

150 154.0 123.9 185.9

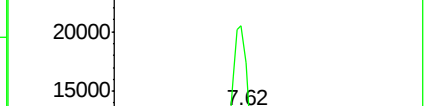
115 63.1 50.6 76.0



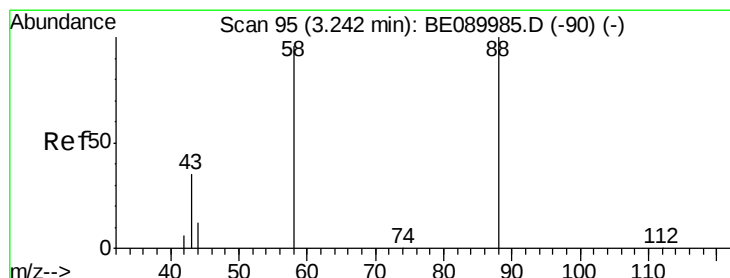
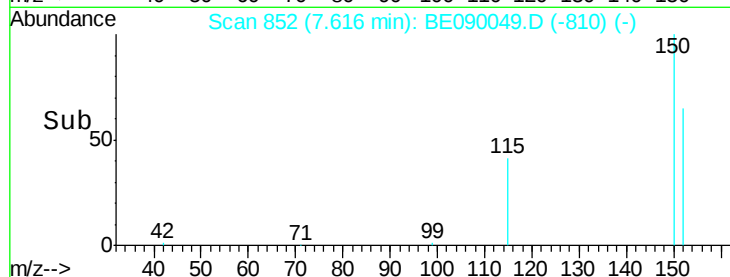
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.86 ng

RT: 3.24 min Scan# 94

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

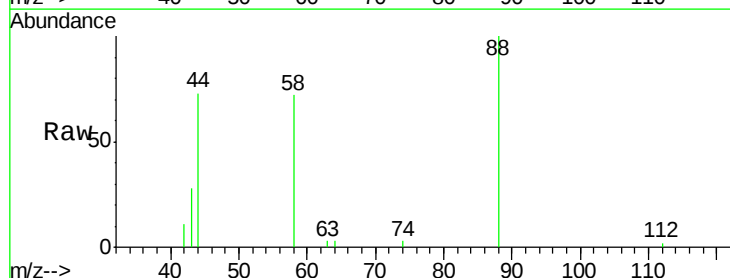
Tgt Ion: 88 Resp: 2440

Ion Ratio Lower Upper

88 100

58 82.7 70.9 106.3

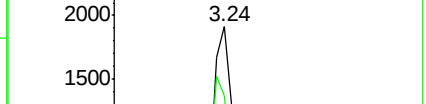
43 30.9 27.6 41.4



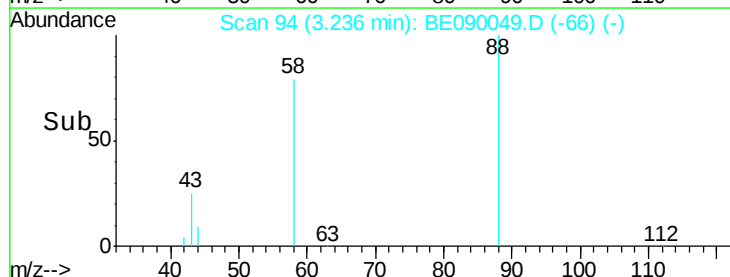
Abundance Ion 88.00 (87.70 to 88.70): BE0

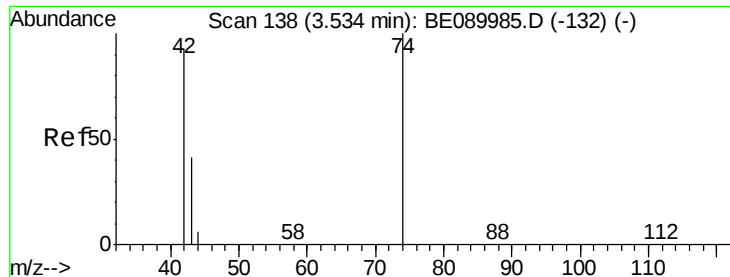
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->



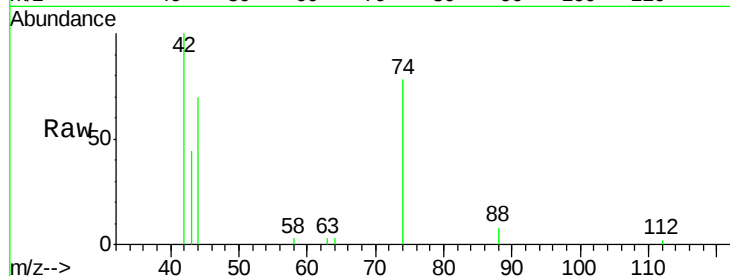


#3

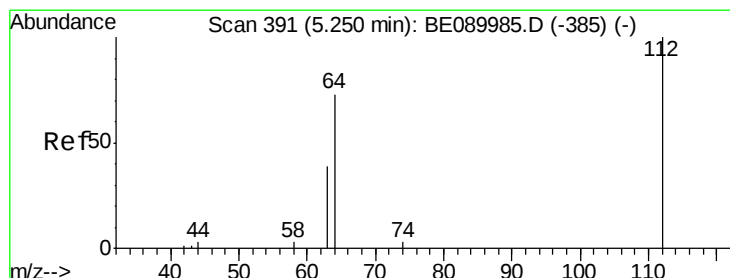
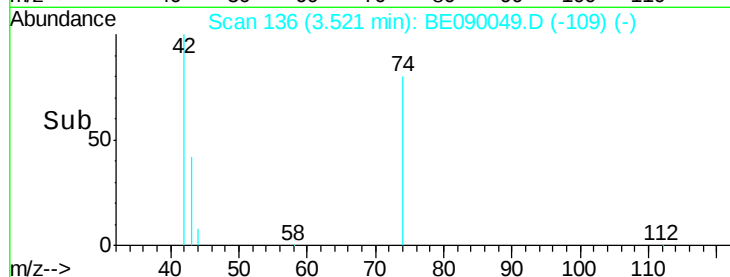
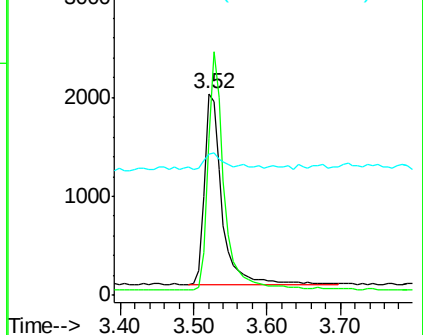
n-Nitrosodimethylamine
 Concen: 0.83 ng
 RT: 3.52 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 42 Resp: 3177
 Ion Ratio Lower Upper
 42 100
 74 119.1 89.4 134.2
 44 9.4 6.9 10.3



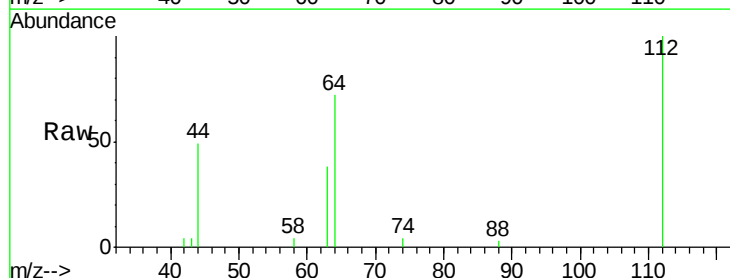
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



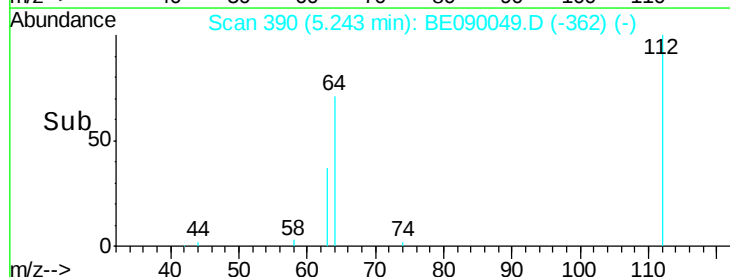
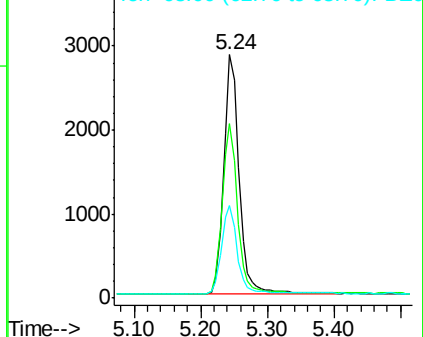
#4

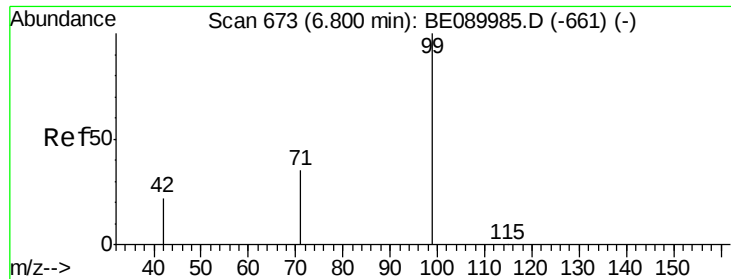
2-Fluorophenol
 Concen: 0.97 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Tgt Ion: 112 Resp: 4629
 Ion Ratio Lower Upper
 112 100
 64 71.2 56.3 84.5
 63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BE0
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

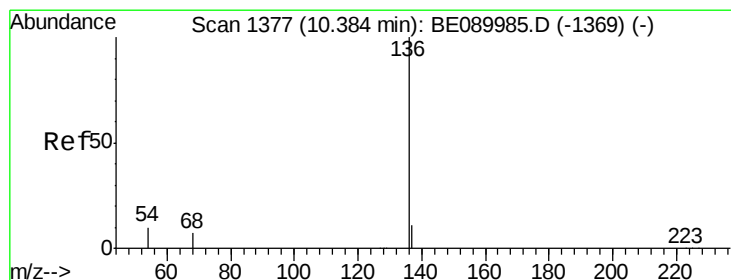
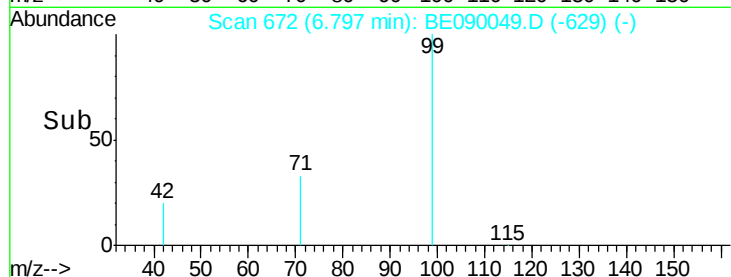
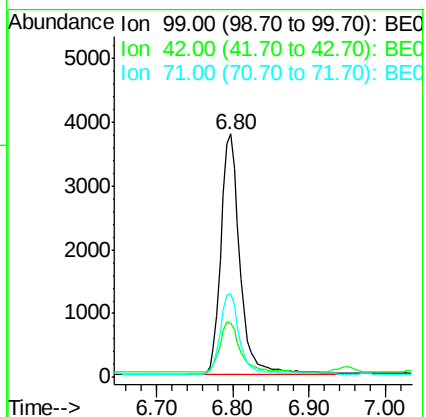
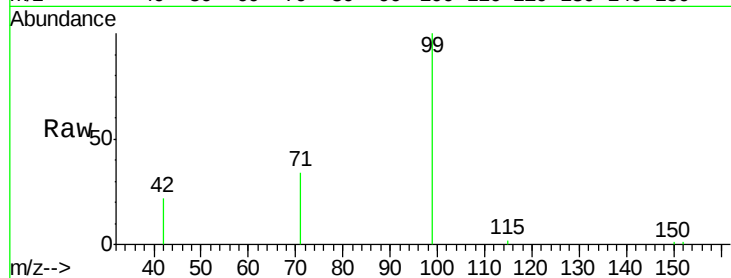
Tgt Ion: 99 Resp: 6576

Ion Ratio Lower Upper

99 100

42 21.7 18.7 28.1

71 34.2 27.5 41.3



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Tgt Ion: 136 Resp: 91024

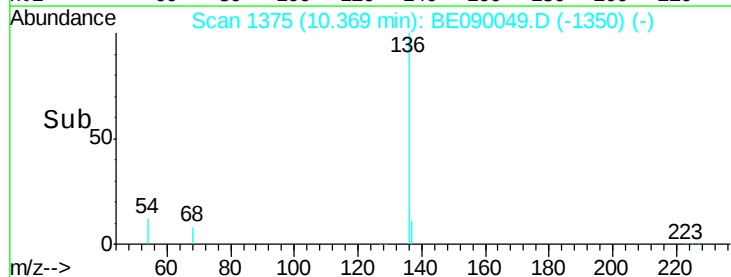
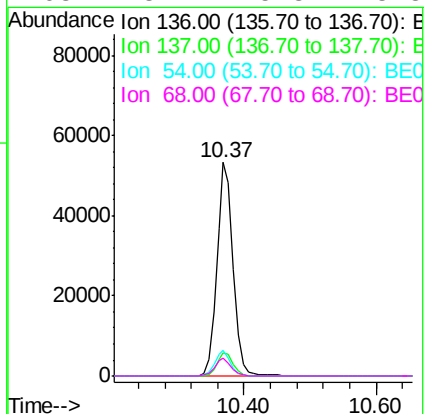
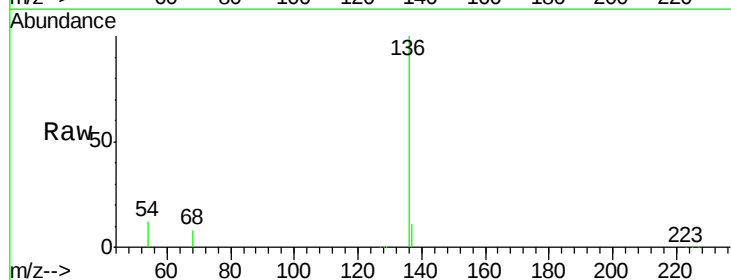
Ion Ratio Lower Upper

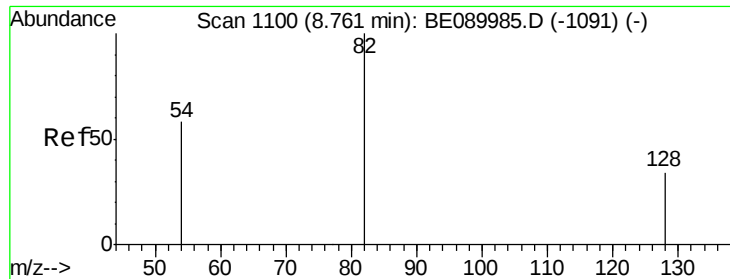
136 100

137 10.8 8.9 13.3

54 12.0 8.2 12.4

68 8.4 5.8 8.8





#7

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

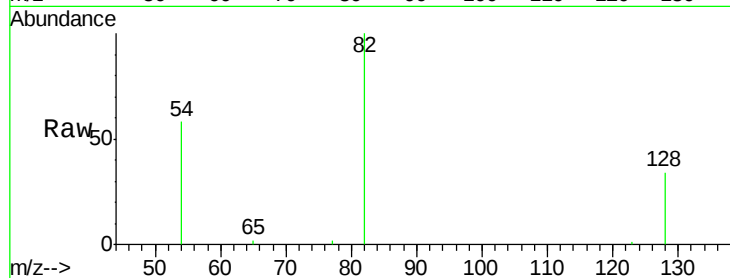
Tgt Ion: 82 Resp: 6295

Ion Ratio Lower Upper

82 100

128 34.5 28.0 42.0

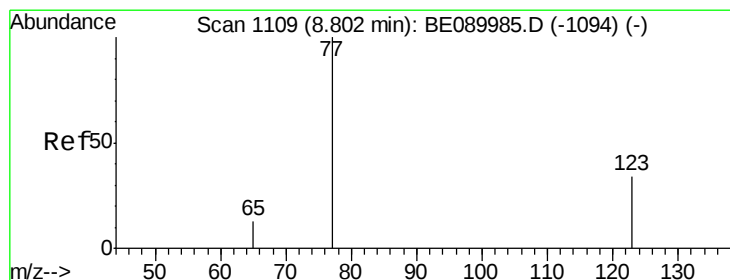
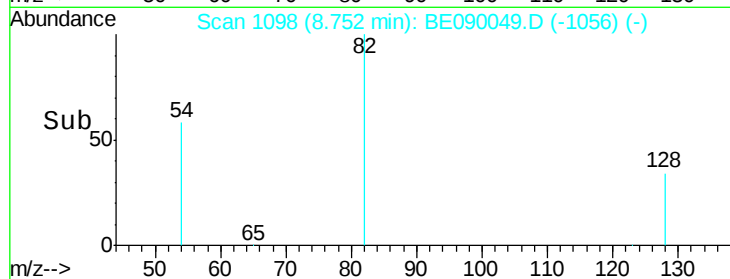
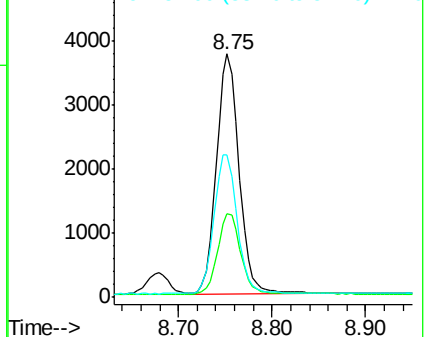
54 58.4 47.6 71.4



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: 0.87 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

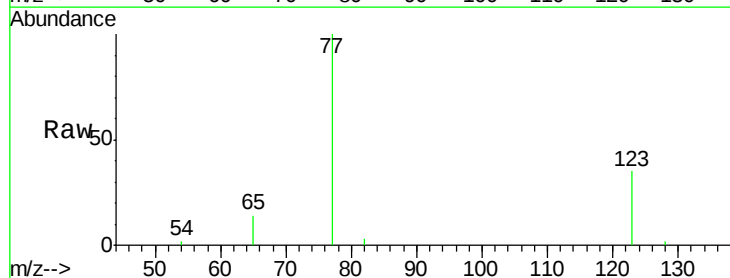
Tgt Ion: 77 Resp: 6649

Ion Ratio Lower Upper

77 100

123 34.6 27.4 41.0

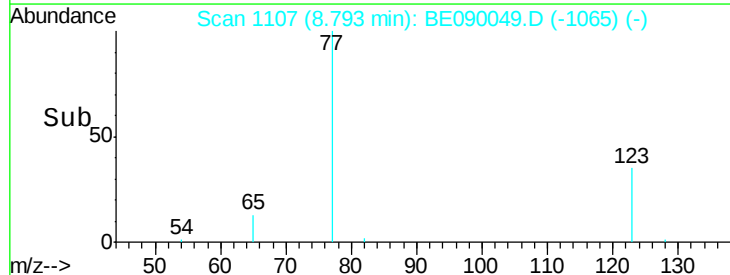
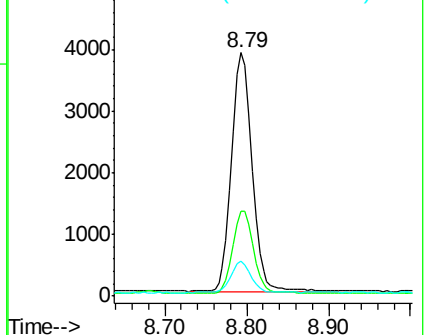
65 12.9 10.6 15.8



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: 0.92 ng

RT: 10.42 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

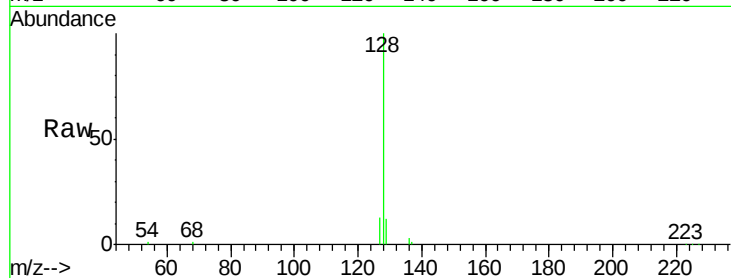
Tgt Ion:128 Resp: 18934

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

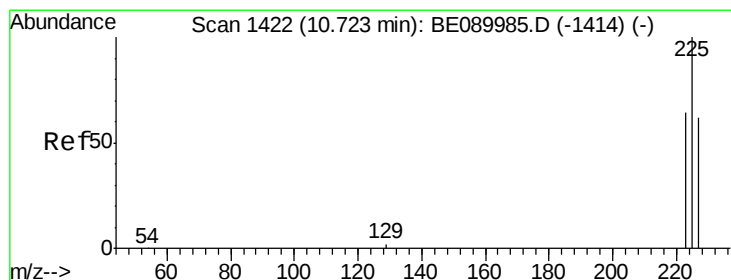
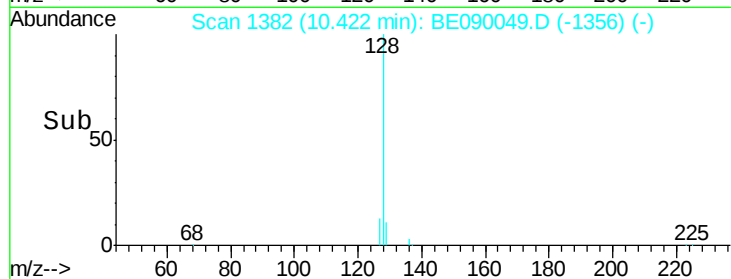
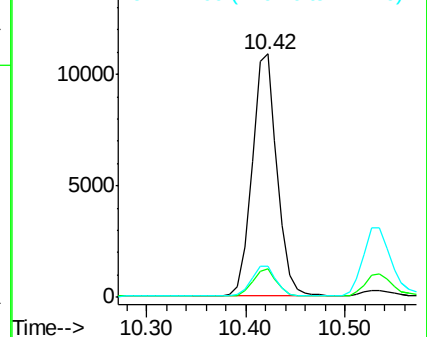
127 12.9 10.2 15.4



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: 0.94 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

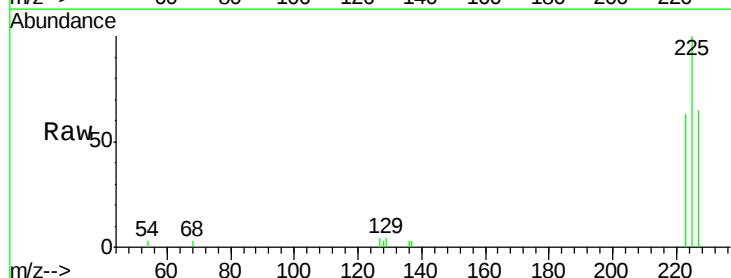
Tgt Ion:225 Resp: 3025

Ion Ratio Lower Upper

225 100

223 63.2 50.1 75.1

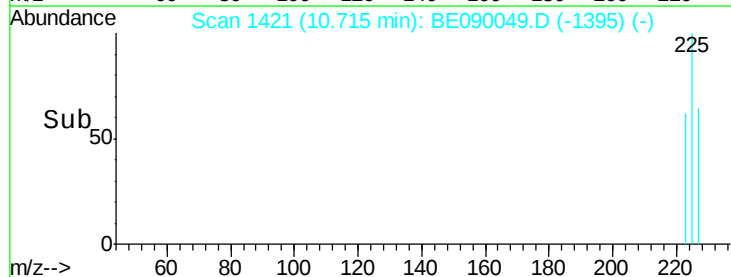
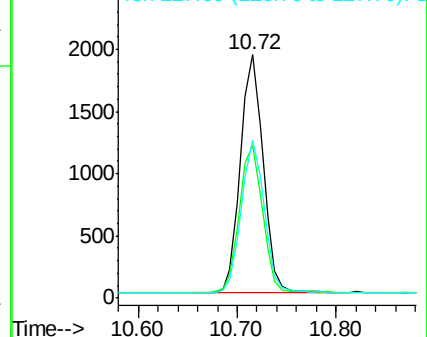
227 64.7 50.9 76.3

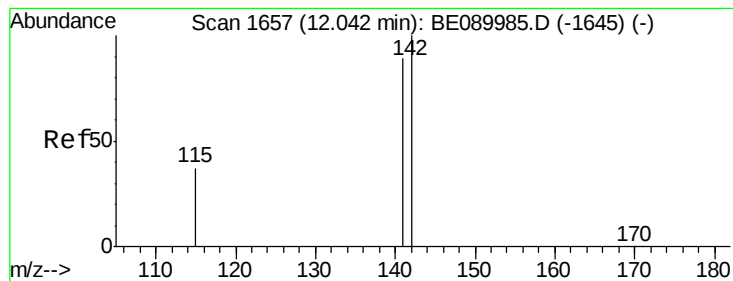


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.90 ng

RT: 12.04 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

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ClientSampleId :

SSTDCCC001EC

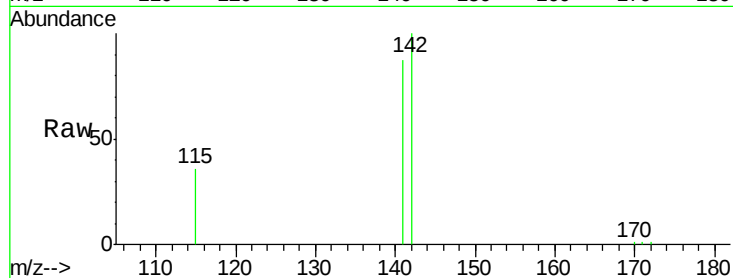
Tgt Ion:142 Resp: 12320

Ion Ratio Lower Upper

142 100

141 86.7 71.3 106.9

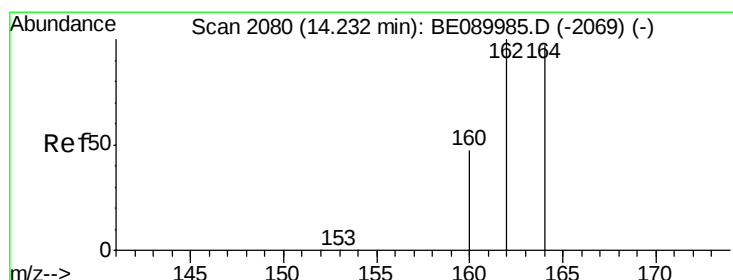
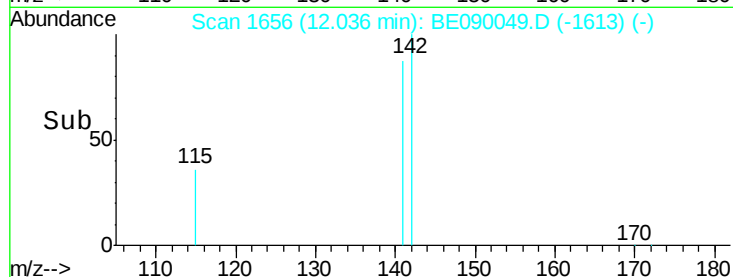
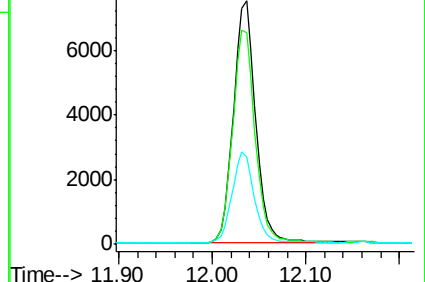
115 36.1 30.4 45.6



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: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

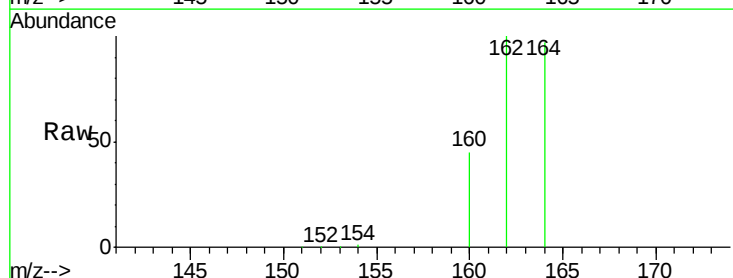
Tgt Ion:164 Resp: 51703

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.4

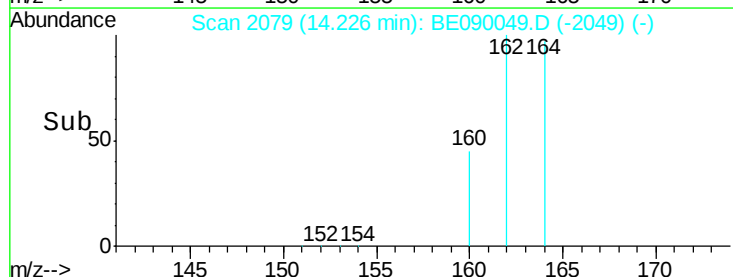
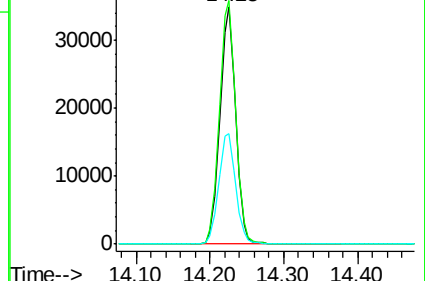
160 46.4 39.0 58.6



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

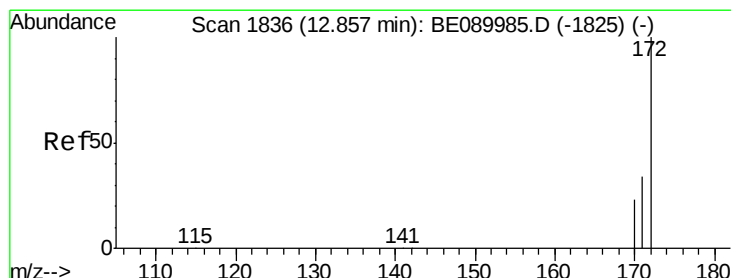
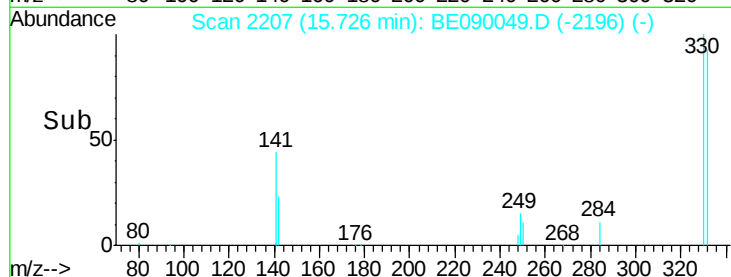
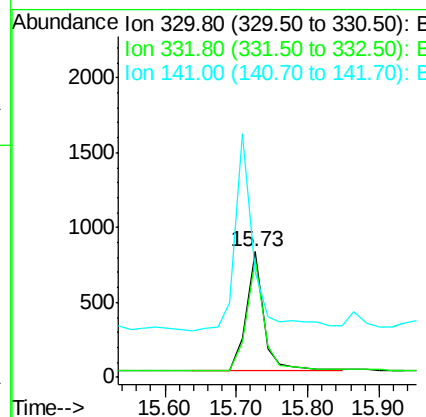
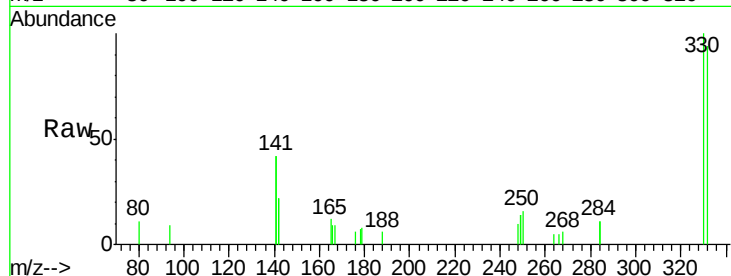




#13
 2,4,6-Tribromophenol
 Concen: 0.88 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

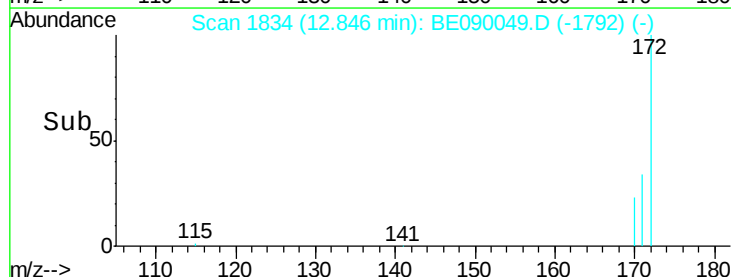
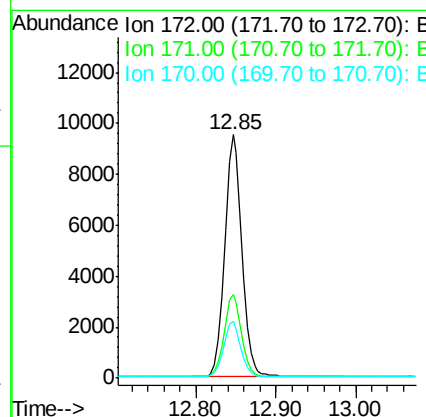
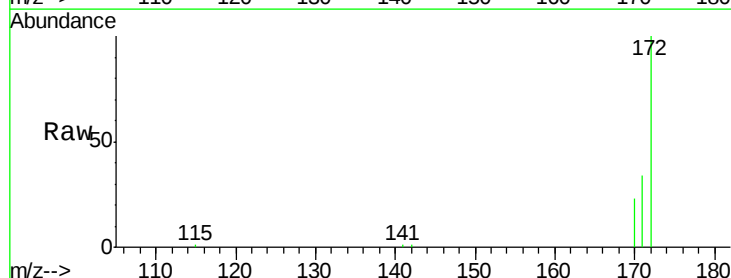
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

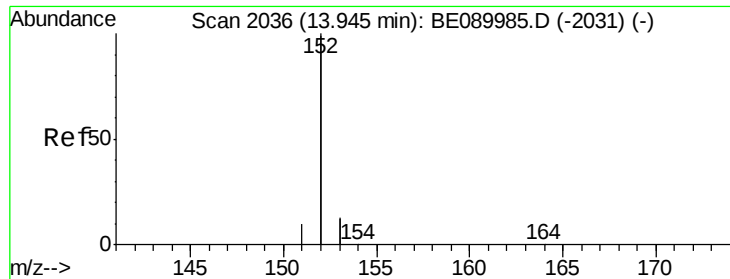
Tgt Ion: 330 Resp: 1330
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.4 114.6
 141 184.3 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 0.92 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Tgt Ion: 172 Resp: 14272
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.6
 170 23.3 18.3 27.5





#15

Acenaphthylene

Concen: 0.94 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

Tgt Ion:152 Resp: 87438

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

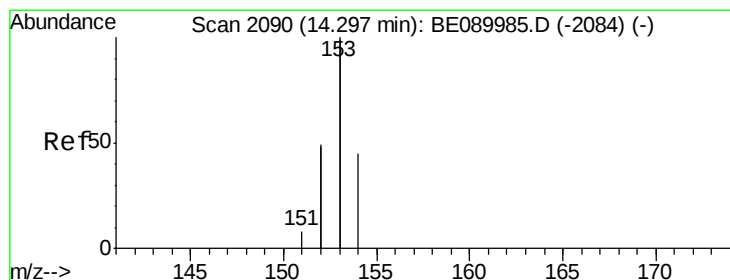
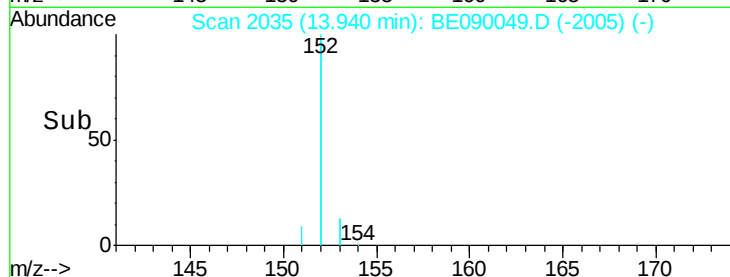
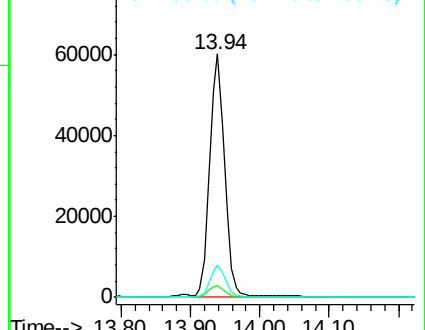
153 12.9 10.4 15.6



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: 0.95 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

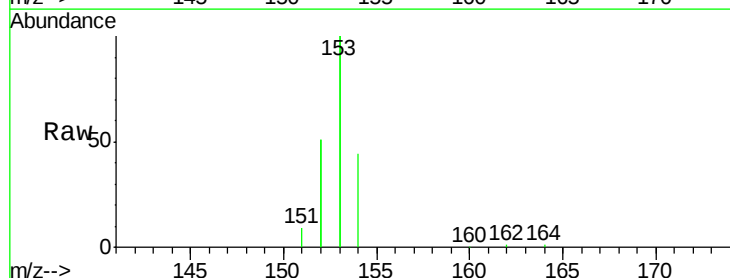
Tgt Ion:154 Resp: 12776

Ion Ratio Lower Upper

154 100

153 452.2 358.6 538.0

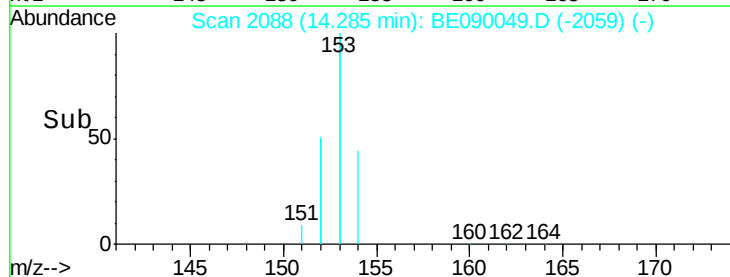
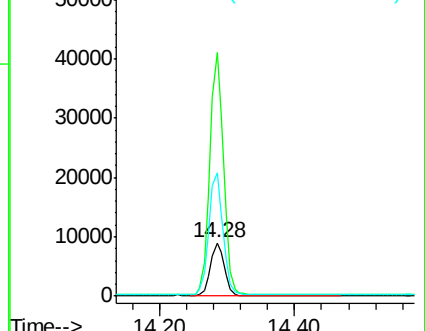
152 234.3 189.6 284.4



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

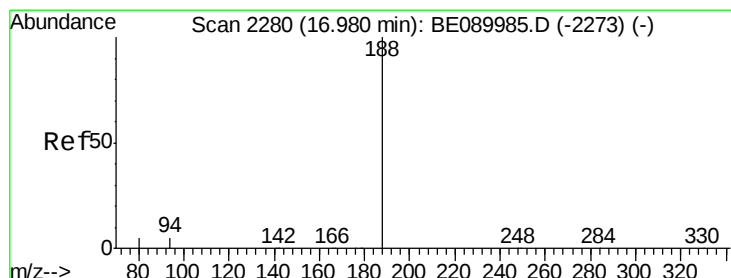
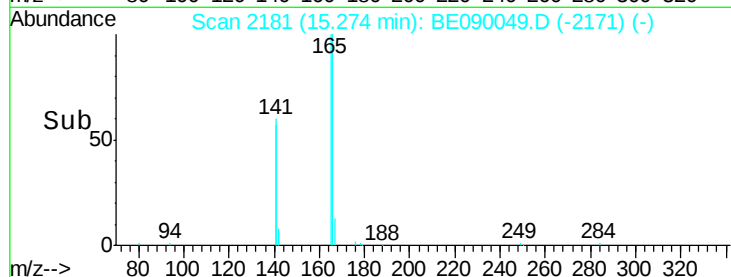
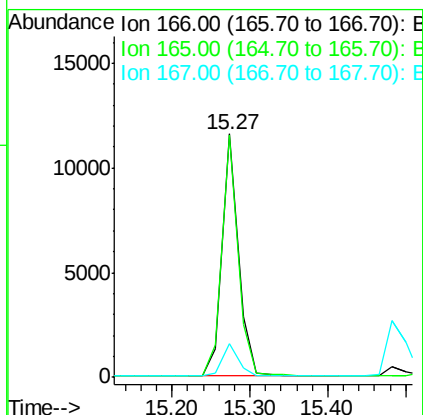
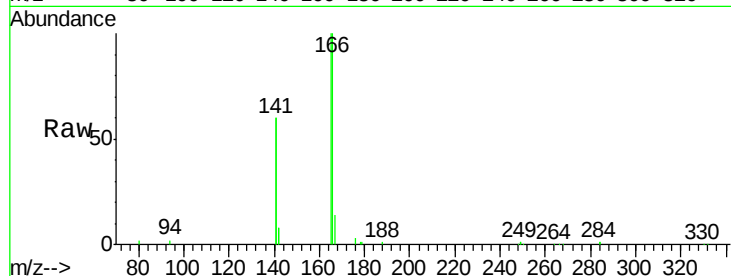




#17
Fluorene
 Concen: 0.91 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

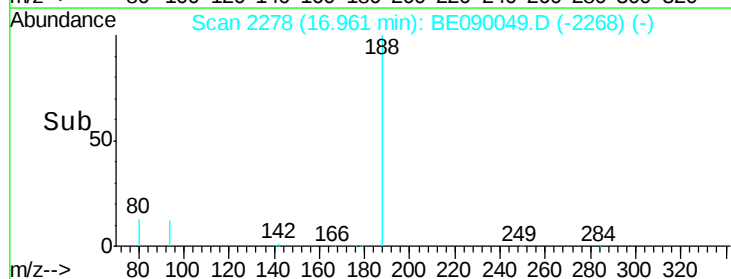
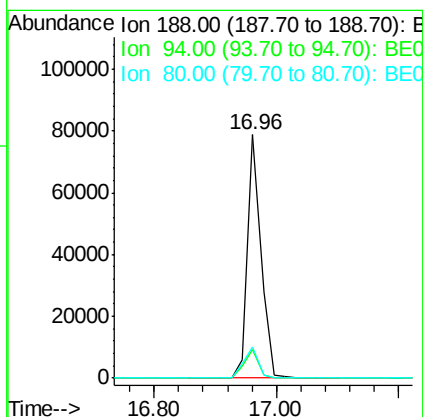
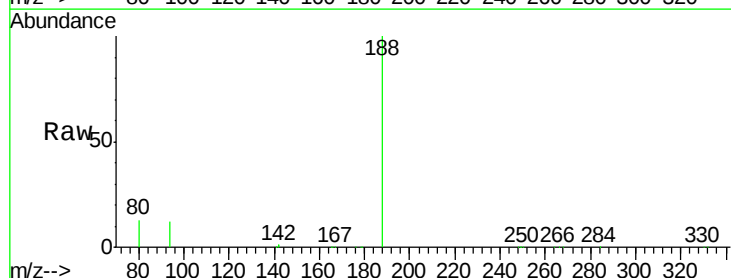
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:166 Resp: 16638
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.0 118.6
 167 14.1 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Tgt Ion:188 Resp: 119606
 Ion Ratio Lower Upper
 188 100
 94 11.8 4.1 6.1#
 80 13.0 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 0.88 ng

RT: 16.16 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

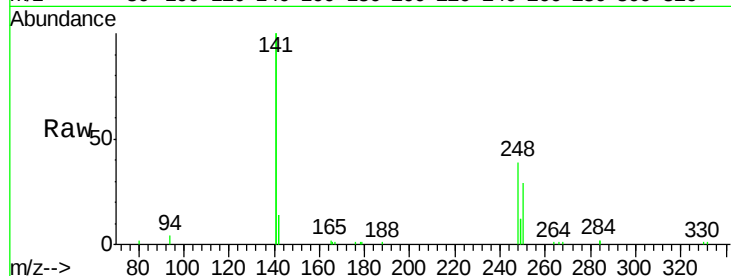
Tgt Ion:248 Resp: 4449

Ion Ratio Lower Upper

248 100

250 98.4 78.3 117.5

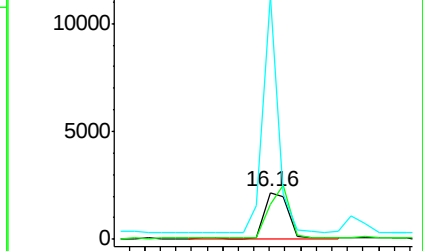
141 330.1 248.1 372.1



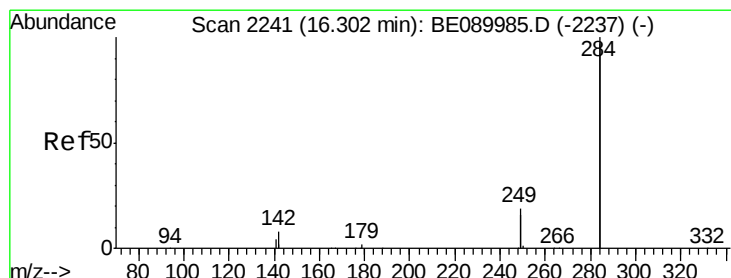
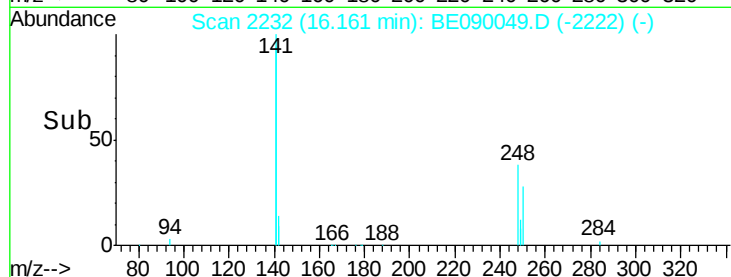
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#20

Hexachlorobenzene

Concen: 0.94 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

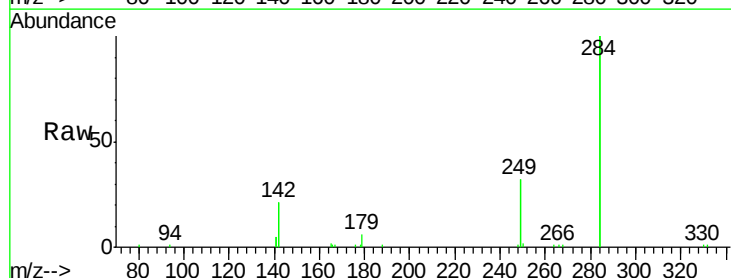
Tgt Ion:284 Resp: 19887

Ion Ratio Lower Upper

284 100

142 37.2 32.6 49.0

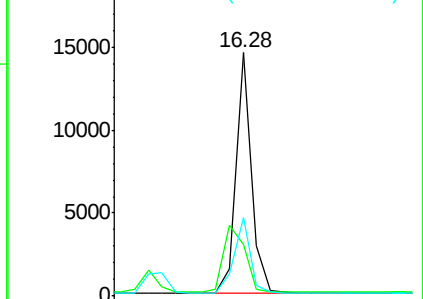
249 32.3 25.5 38.3



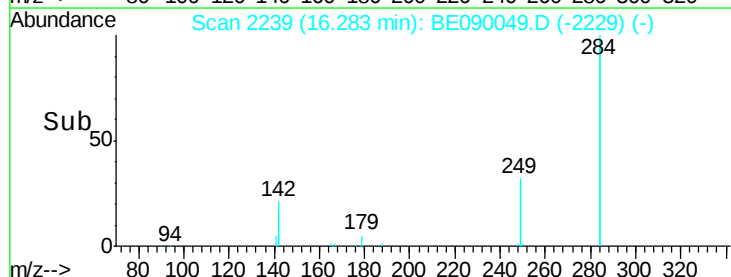
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->

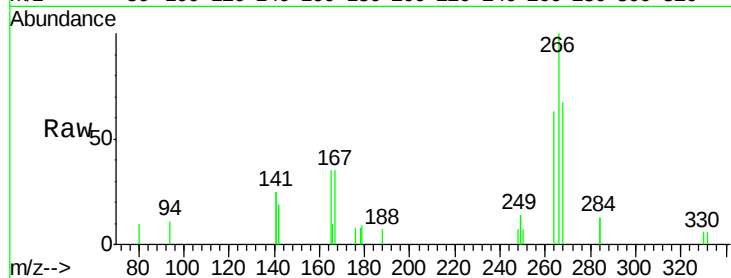




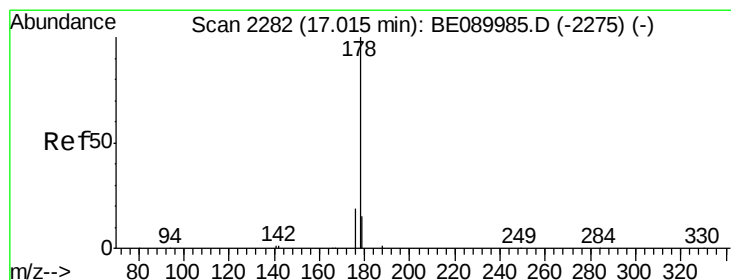
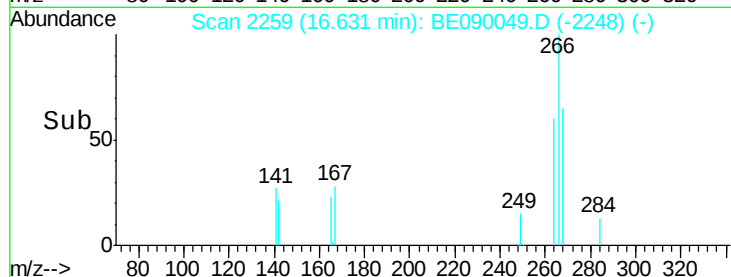
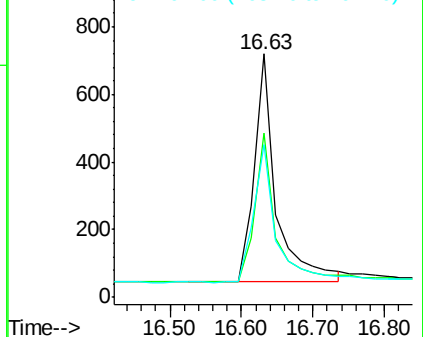
#21
 Pentachlorophenol
 Concen: 0.77 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:266 Resp: 1432
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.8 77.8
 264 62.8 50.2 75.2

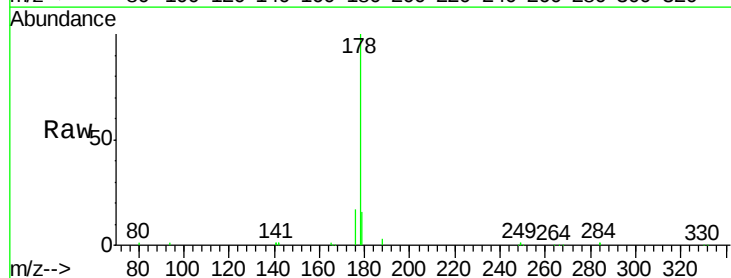


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

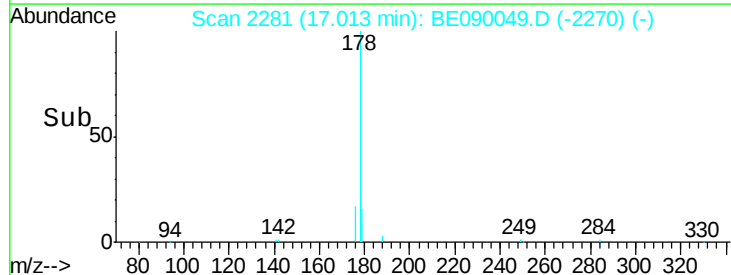
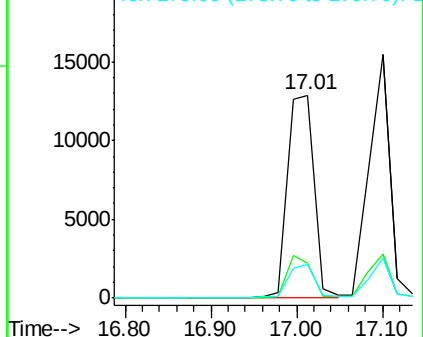


#22
 Phenanthrene
 Concen: 0.90 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Tgt Ion:178 Resp: 27615
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.4 12.4 18.6



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: 0.92 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

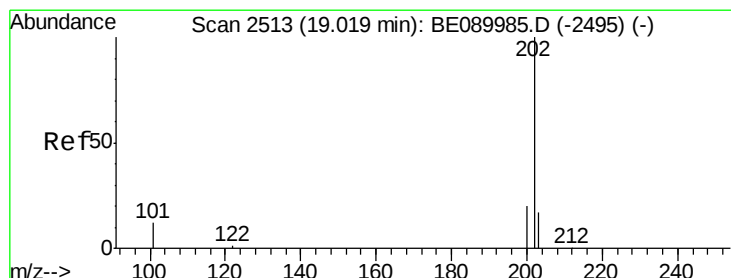
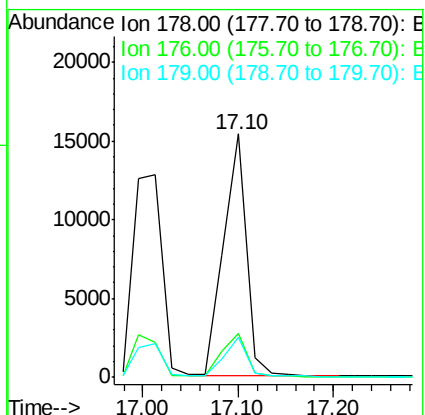
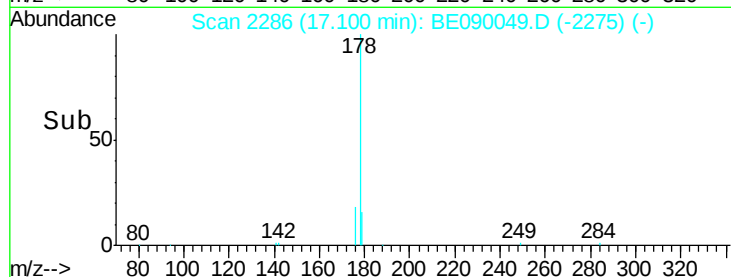
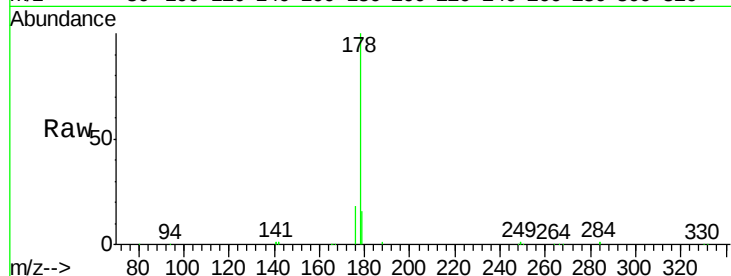
Tgt Ion:178 Resp: 25688

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.5 12.1 18.1



#24

Fluoranthene

Concen: 0.92 ng

RT: 19.01 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

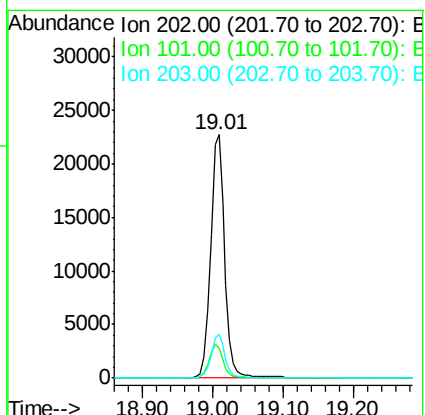
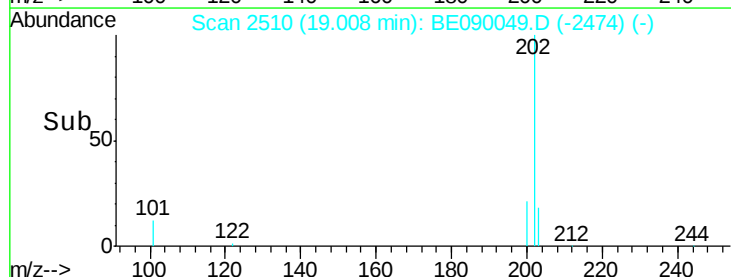
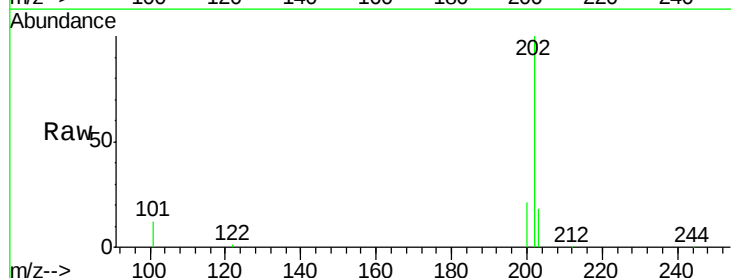
Tgt Ion:202 Resp: 31420

Ion Ratio Lower Upper

202 100

101 13.2 10.6 15.8

203 17.3 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

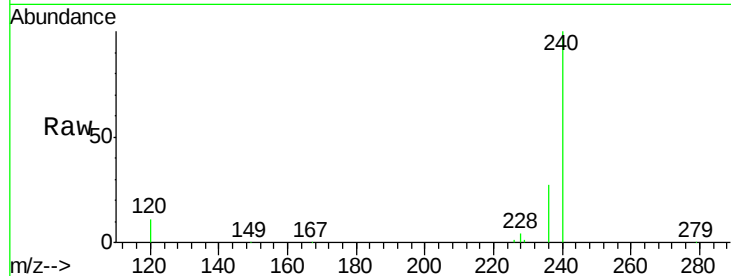
Tgt Ion:240 Resp: 144031

Ion Ratio Lower Upper

240 100

120 10.7 6.9 10.3#

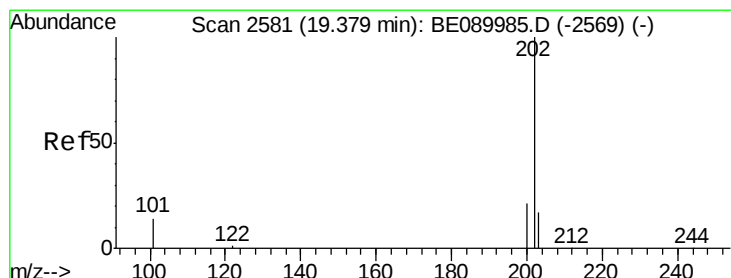
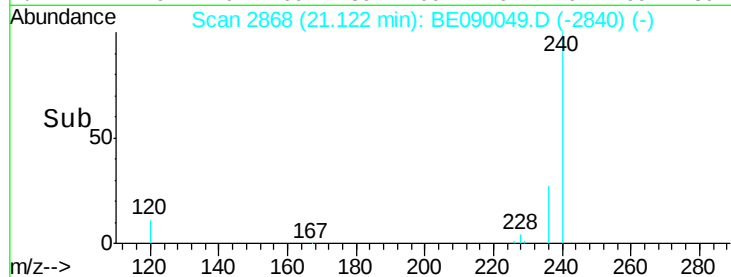
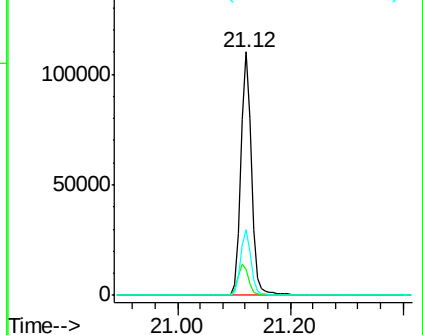
236 27.2 20.8 31.2



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: 0.95 ng

RT: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

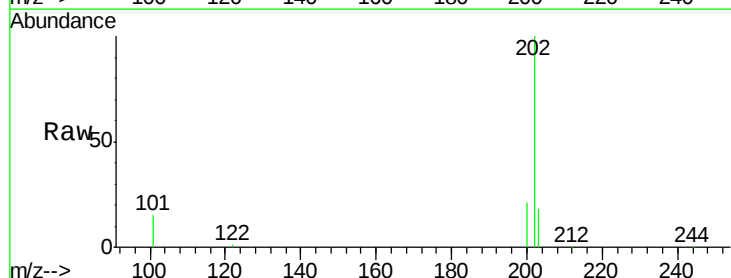
Tgt Ion:202 Resp: 32679

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

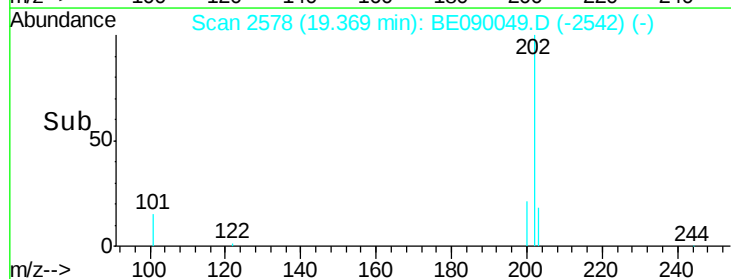
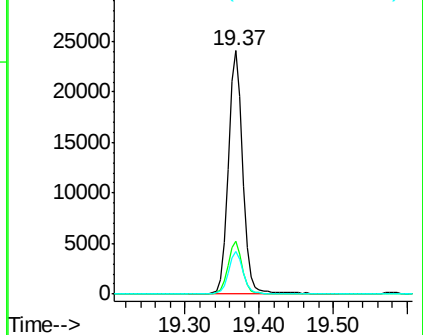
203 17.4 13.9 20.9

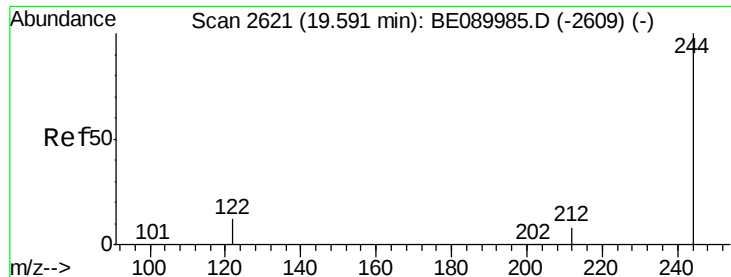


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

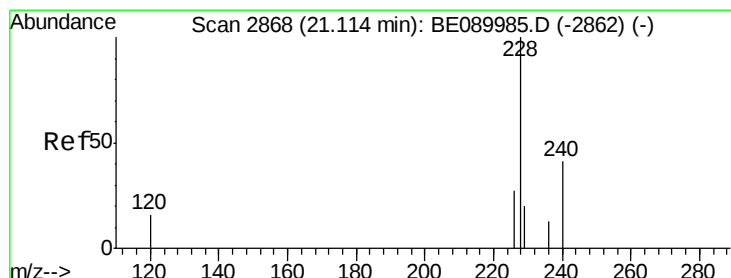
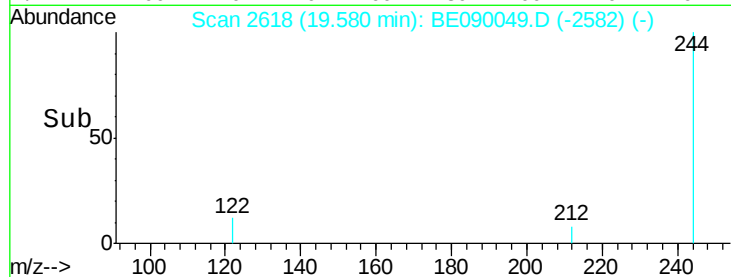
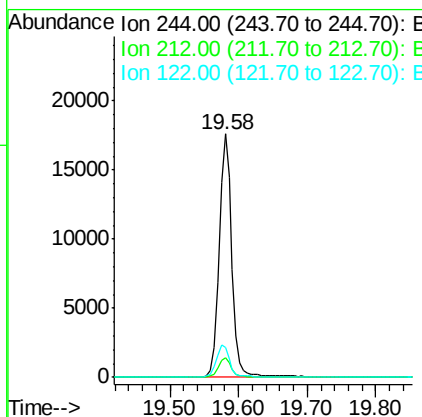
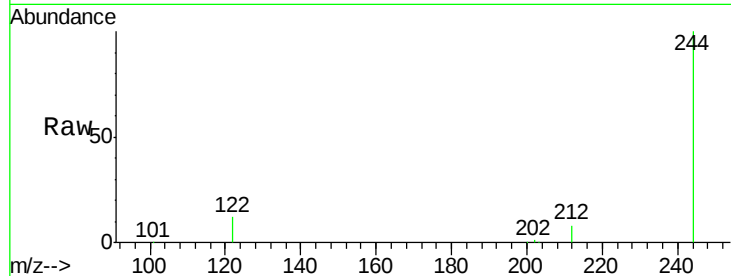




#27
 Terphenyl-d14
 Concen: 0.92 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

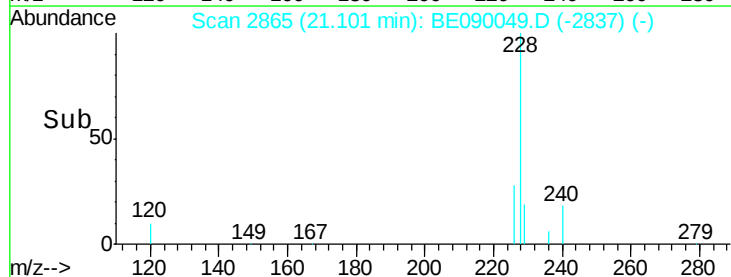
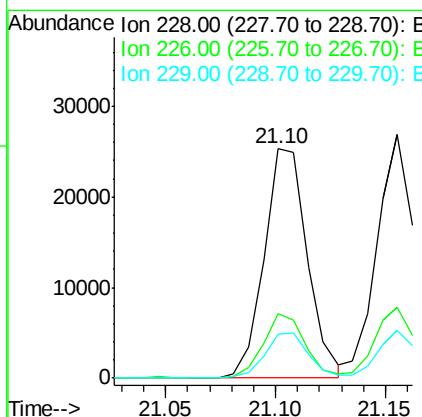
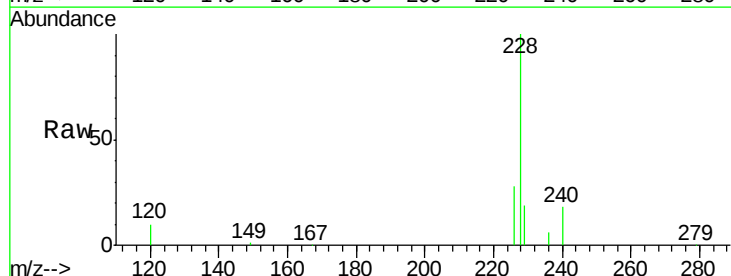
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

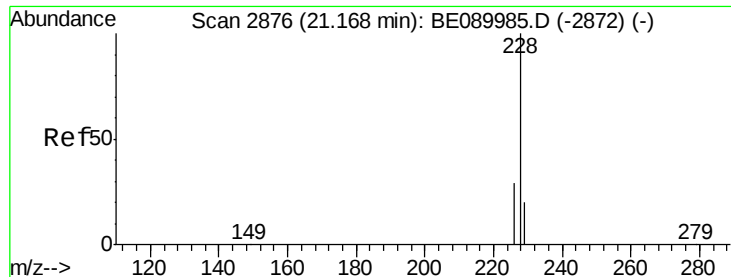
Tgt Ion:244 Resp: 22107
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.5 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.96 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090049.D
 Acq: 1 Jul 2015 20:12

Tgt Ion:228 Resp: 34412
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.8 32.6
 229 19.3 15.8 23.6





#29

Chrysene

Concen: 0.91 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

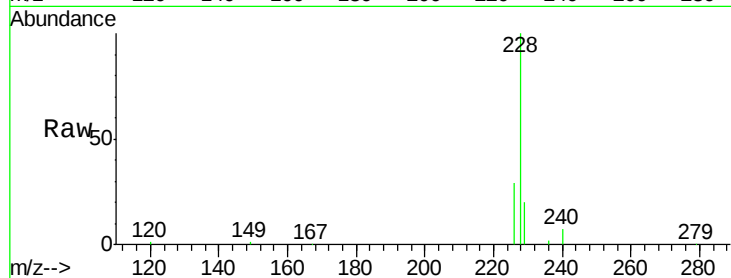
Tgt Ion:228 Resp: 33964

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

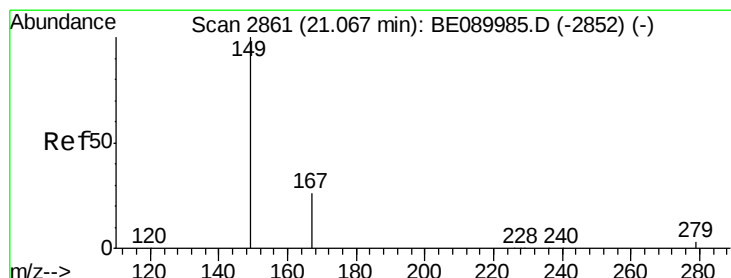
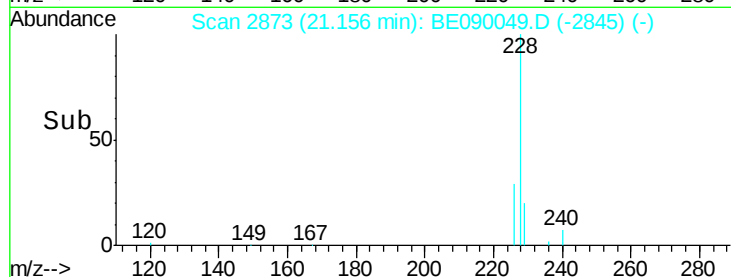
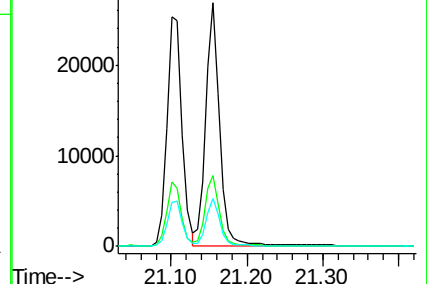
229 19.7 16.2 24.2



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: 0.99 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

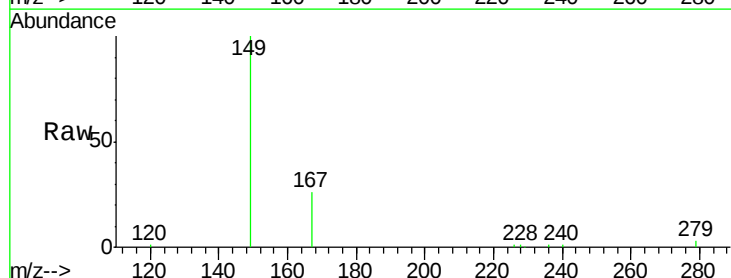
Tgt Ion:149 Resp: 12126

Ion Ratio Lower Upper

149 100

167 25.8 20.3 30.5

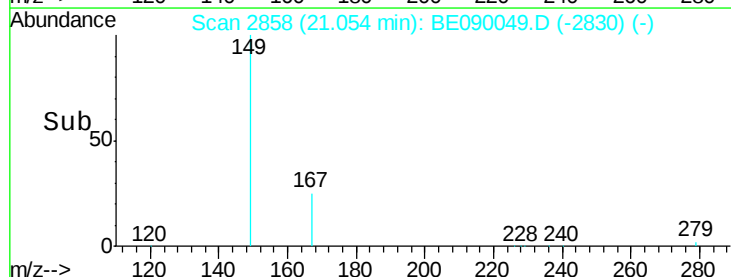
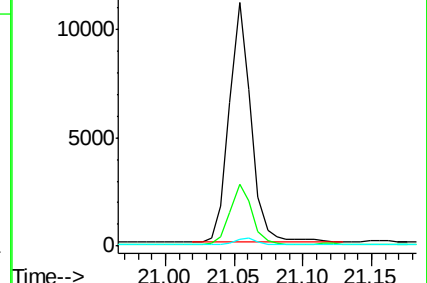
279 2.9 2.6 3.8

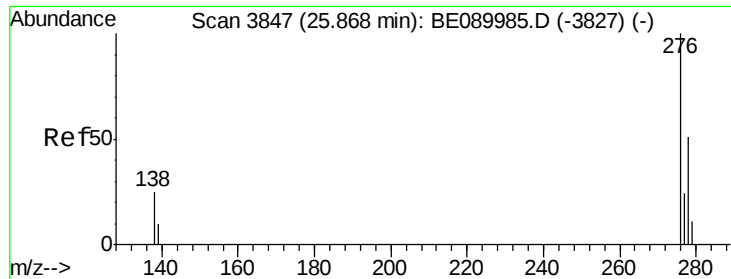


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.00 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

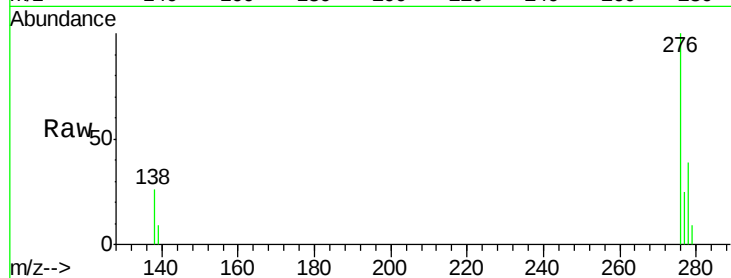
Tgt Ion:276 Resp: 35855

Ion Ratio Lower Upper

276 100

138 28.0 21.3 31.9

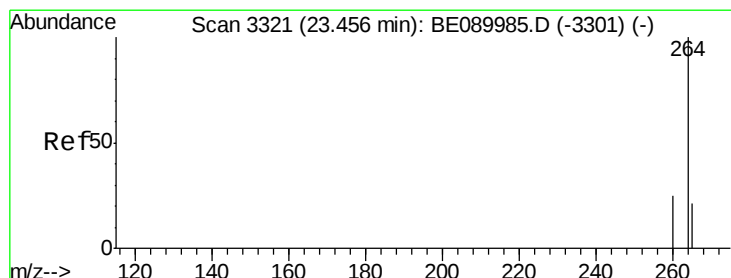
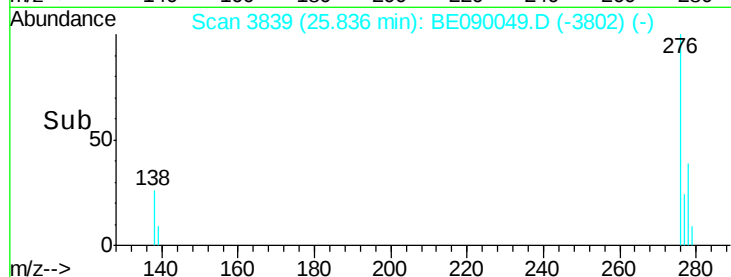
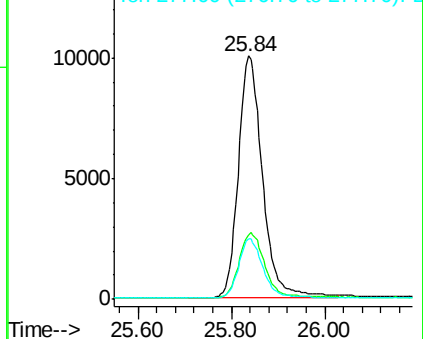
277 24.5 19.7 29.5



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# 3316

Delta R.T. -0.02 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Tgt Ion:264 Resp: 134802

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

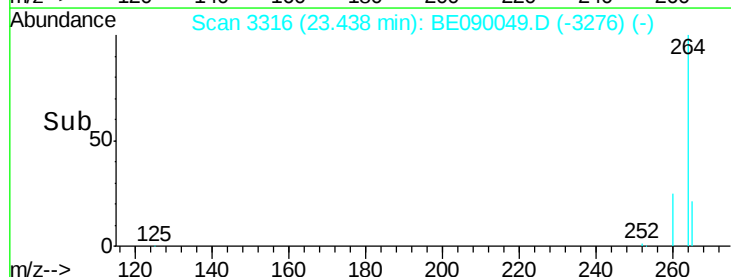
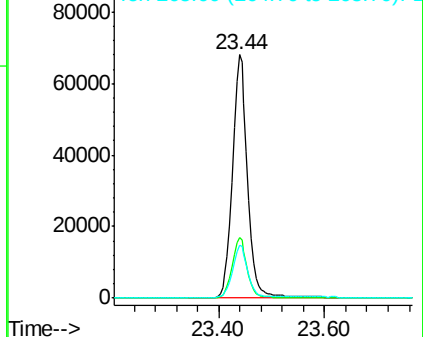
265 21.8 17.1 25.7



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: 1.09 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

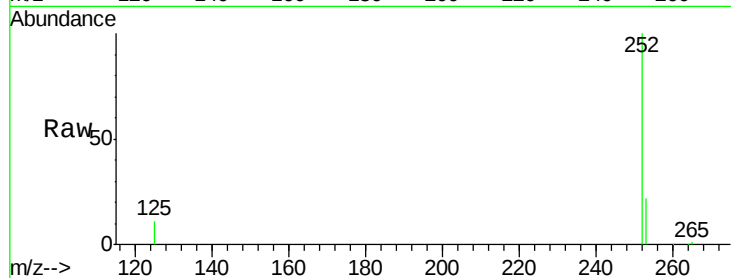
Tgt Ion:252 Resp: 32424

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

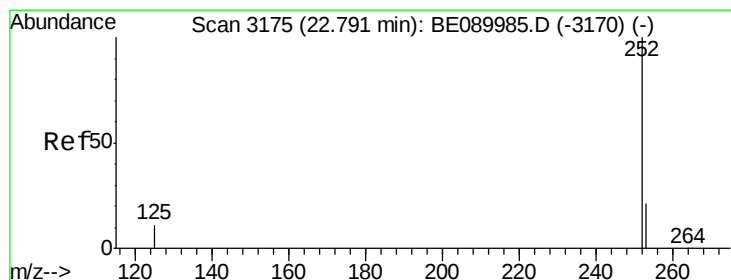
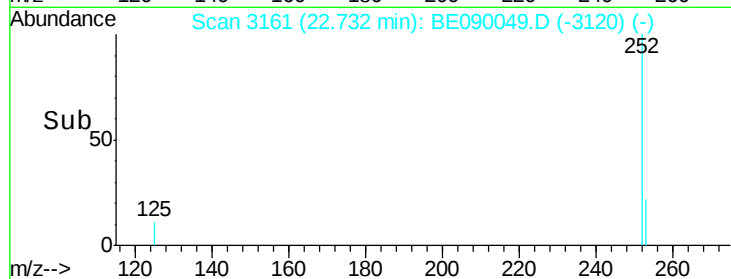
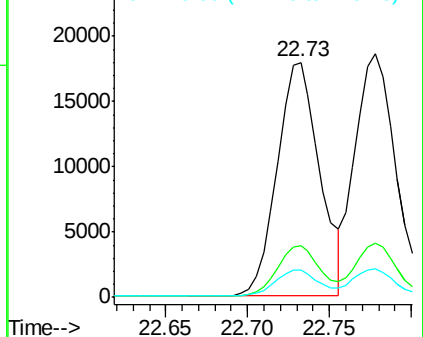
125 11.5 9.0 13.4



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: 1.01 ng

RT: 22.78 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

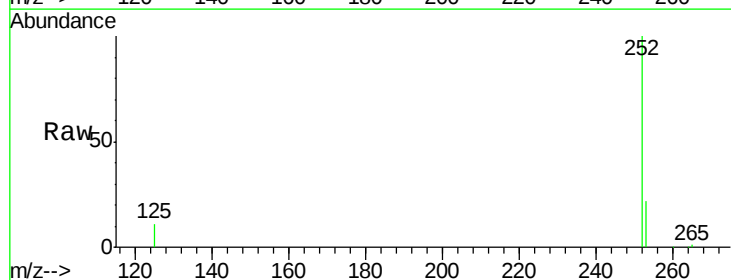
Tgt Ion:252 Resp: 33493

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

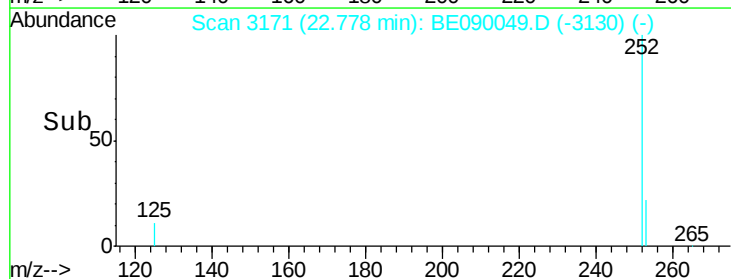
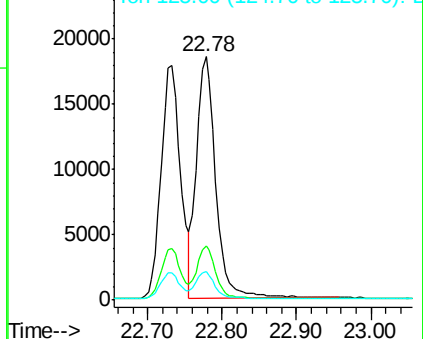
125 11.5 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.07 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

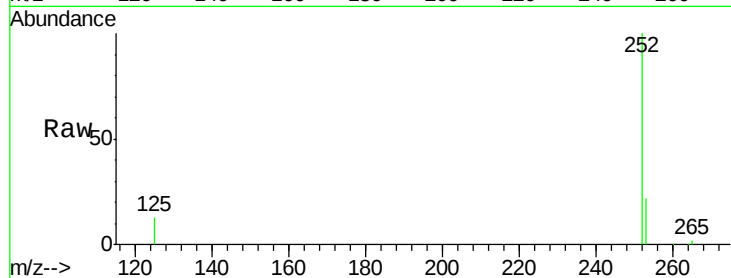
Tgt Ion: 252 Resp: 29395

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

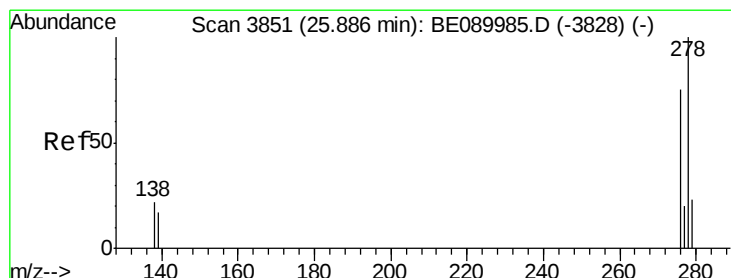
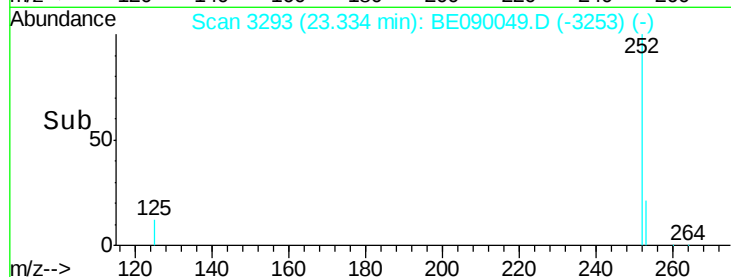
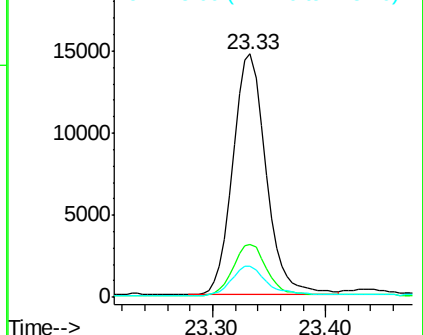
125 12.9 10.5 15.7



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



#36

Dibenzo(a,h)anthracene

Concen: 1.01 ng

RT: 25.86 min Scan# 3844

Delta R.T. -0.03 min

Lab File: BE090049.D

Acq: 1 Jul 2015 20:12

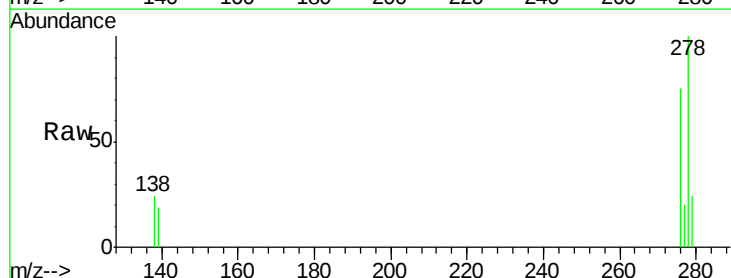
Tgt Ion: 278 Resp: 28420

Ion Ratio Lower Upper

278 100

139 19.0 14.4 21.6

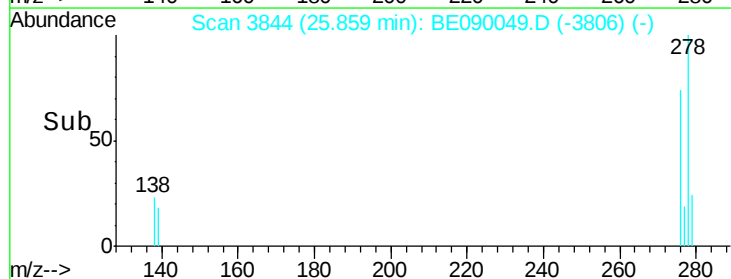
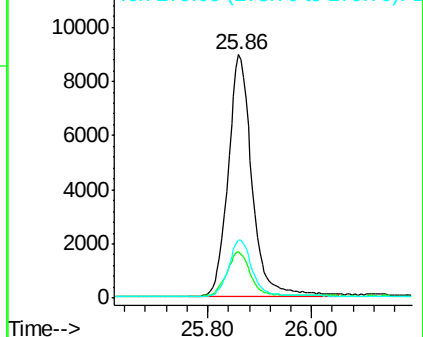
279 24.1 19.0 28.6

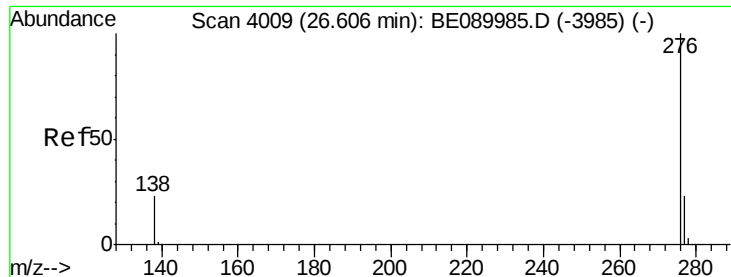


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.01 ng

RT: 26.57 min Scan# 4001

Delta R.T. -0.03 min

Lab File: BE090049.D

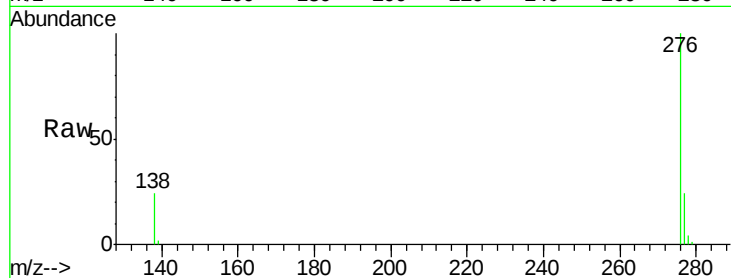
Acq: 1 Jul 2015 20:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 28732

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 24.3 18.6 27.8

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

