

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
 Data File : BE090062.D
 Acq On : 8 Jul 2015 16:51
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 09 01:19:06 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

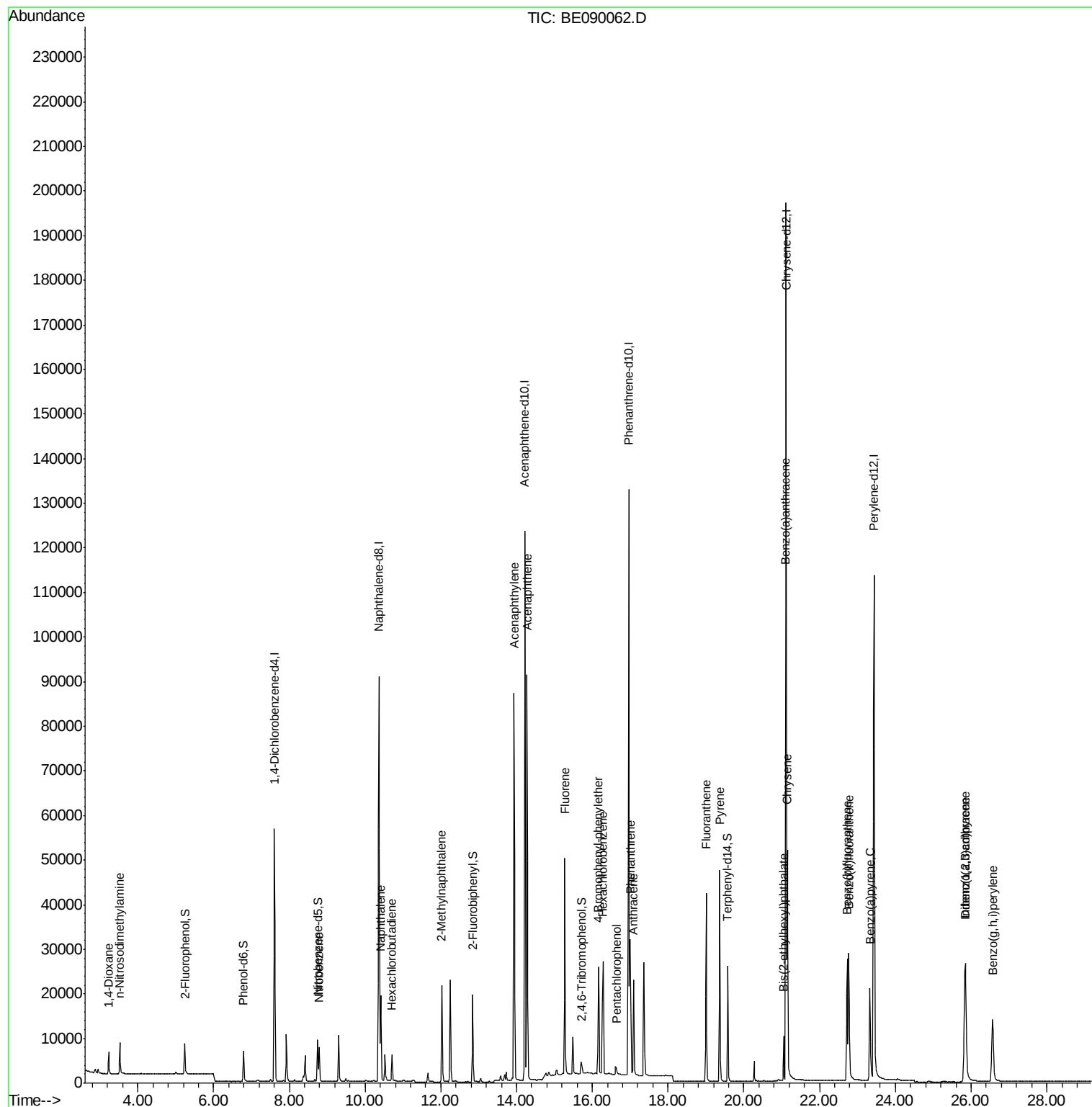
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	27943	5.00	ng	-0.01
6) Naphthalene-d8	10.37	136	120418	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	68477	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	157578	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	181286	5.00	ng	-0.01
32) Perylene-d12	23.43	264	161894	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	5501	0.86	ng	-0.01
5) Phenol-d6	6.79	99	8092	0.90	ng	0.00
7) Nitrobenzene-d5	8.75	82	8276	0.87	ng	-0.01
13) 2,4,6-Tribromophenol	15.73	330	1339	0.67	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	18569	0.90	ng	-0.01
27) Terphenyl-d14	19.58	244	27621	0.91	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	3240	0.84	ng	95
3) n-Nitrosodimethylamine	3.52	42	4282	0.82	ng	100
8) Nitrobenzene	8.79	77	8705	0.86	ng	98
9) Naphthalene	10.42	128	25006	0.92	ng	99
10) Hexachlorobutadiene	10.71	225	3999	0.93	ng	98
11) 2-Methylnaphthalene	12.03	142	16057	0.88	ng	97
15) Acenaphthylene	13.93	152	112580	0.91	ng	100
16) Acenaphthene	14.29	154	16525	0.93	ng	98
17) Fluorene	15.27	166	21607	0.89	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	5893	0.88	ng	98
20) Hexachlorobenzene	16.28	284	24753	0.89	ng	98
21) Pentachlorophenol	16.63	266	1400	0.64	ng	95
22) Phenanthrene	17.00	178	35290	0.87	ng	99
23) Anthracene	17.08	178	32920	0.89	ng	100
24) Fluoranthene	19.00	202	39368	0.87	ng	100
26) Pyrene	19.36	202	41460	0.96	ng	100
28) Benzo(a)anthracene	21.10	228	40470	0.89	ng	99
29) Chrysene	21.15	228	42391	0.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	8774	0.70	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	39606	0.88	ng	99
33) Benzo(b)fluoranthene	22.73	252	35538	1.00	ng	99
34) Benzo(k)fluoranthene	22.77	252	40309	1.01	ng	99
35) Benzo(a)pyrene	23.33	252	32377	0.98	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	31463	0.93	ng	100
37) Benzo(g,h,i)perylene	26.57	276	31804	0.93	ng	99

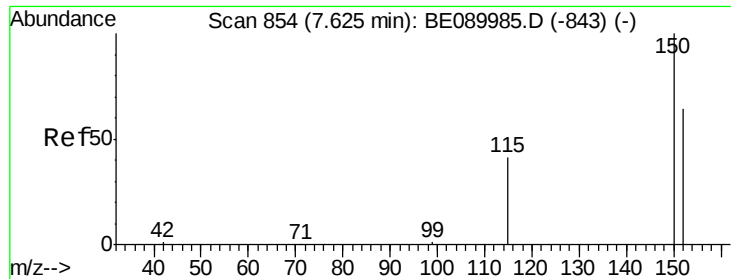
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 09 01:19:06 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

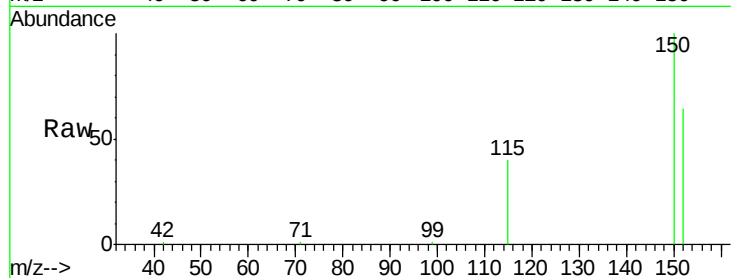
Tgt Ion:152 Resp: 27943

Ion Ratio Lower Upper

152 100

150 155.4 123.9 185.9

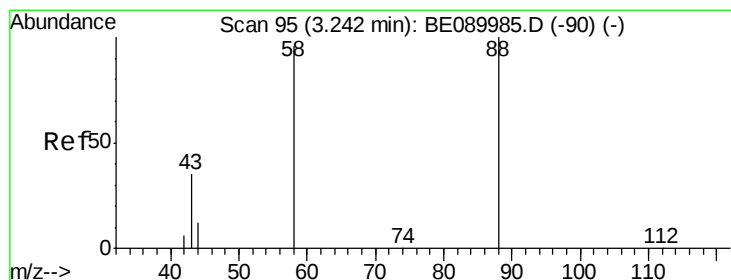
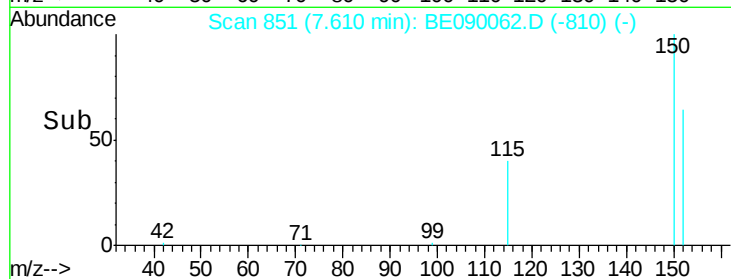
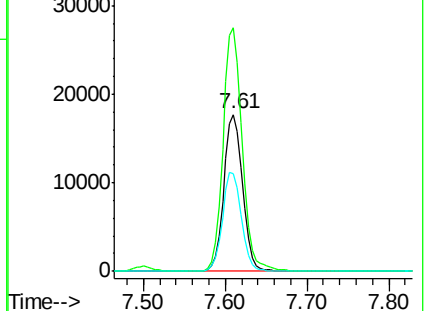
115 62.7 50.6 76.0



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



#2

1,4-Dioxane

Concen: 0.84 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

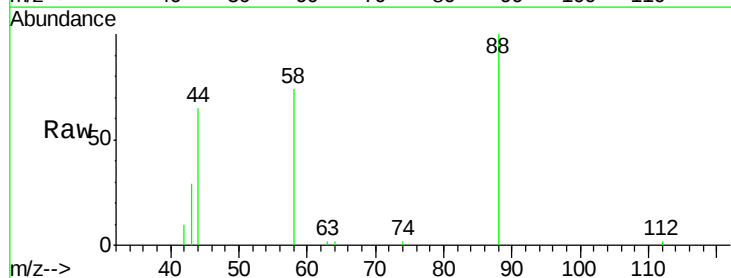
Tgt Ion: 88 Resp: 3240

Ion Ratio Lower Upper

88 100

58 83.2 70.9 106.3

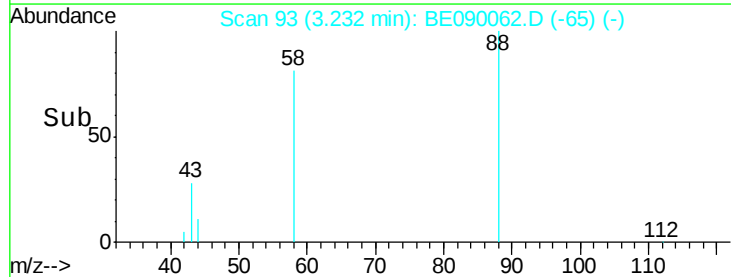
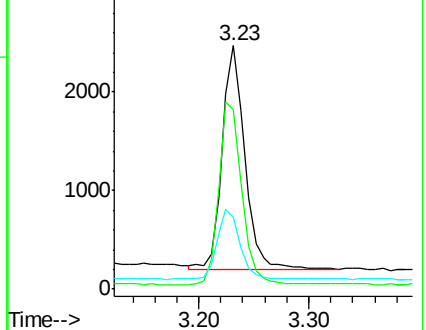
43 31.8 27.6 41.4

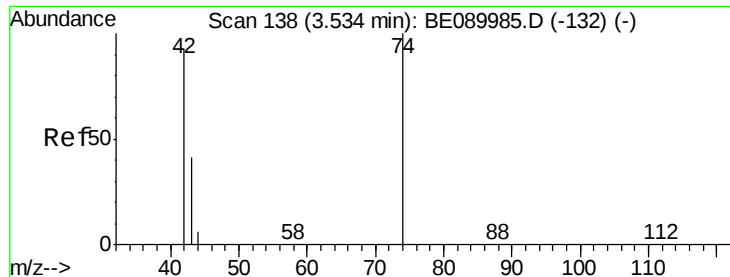


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



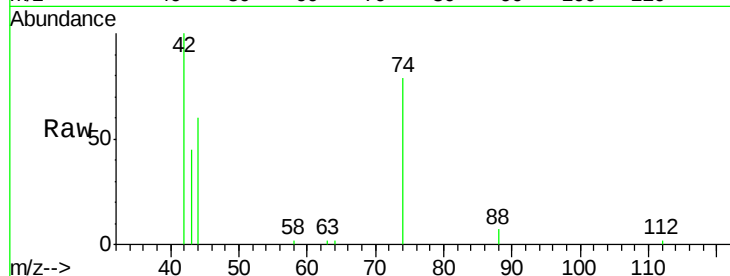


#3

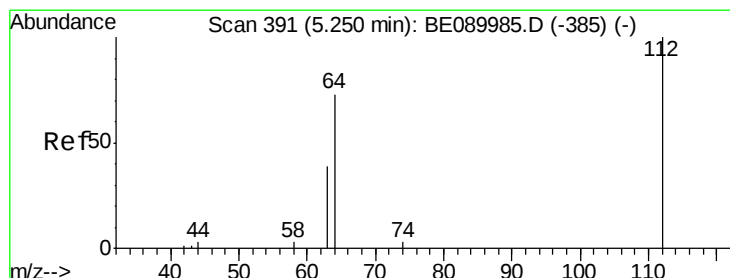
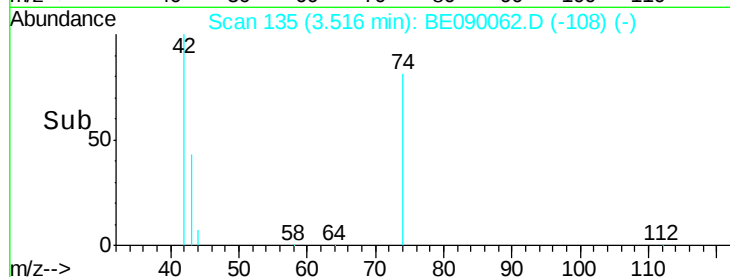
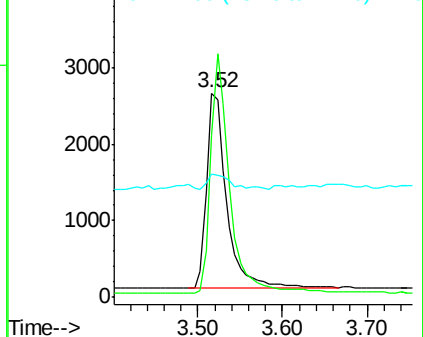
n-Nitrosodimethylamine
 Concen: 0.82 ng
 RT: 3.52 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 42 Resp: 4282
 Ion Ratio Lower Upper
 42 100
 74 111.4 89.4 134.2
 44 8.8 6.9 10.3



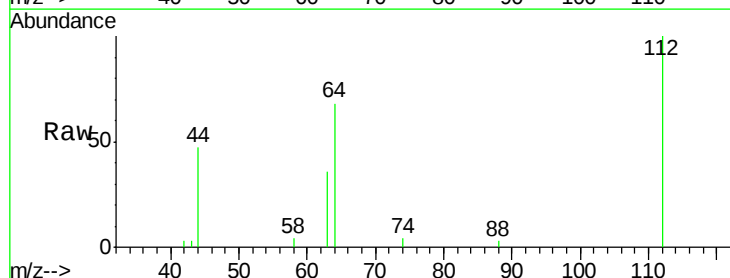
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



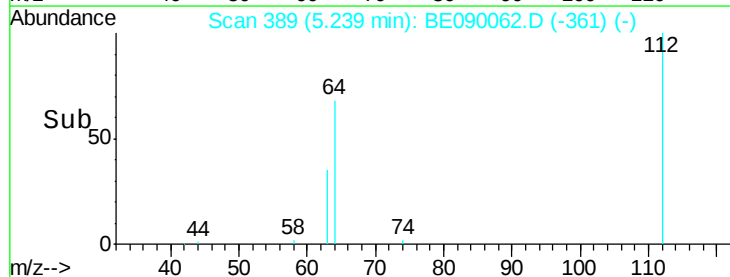
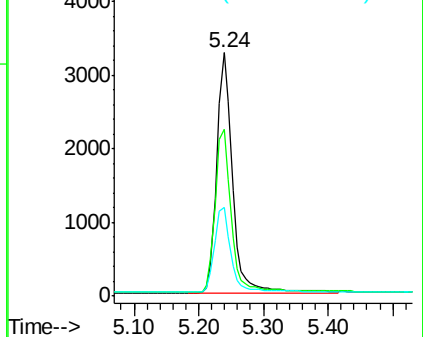
#4

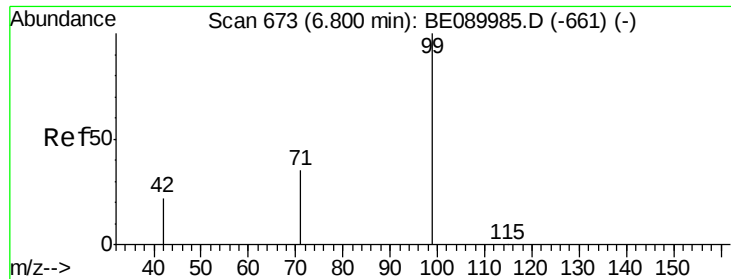
2-Fluorophenol
 Concen: 0.86 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Tgt Ion: 112 Resp: 5501
 Ion Ratio Lower Upper
 112 100
 64 69.8 56.3 84.5
 63 37.2 29.8 44.6



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: 0.90 ng

RT: 6.79 min Scan# 671

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

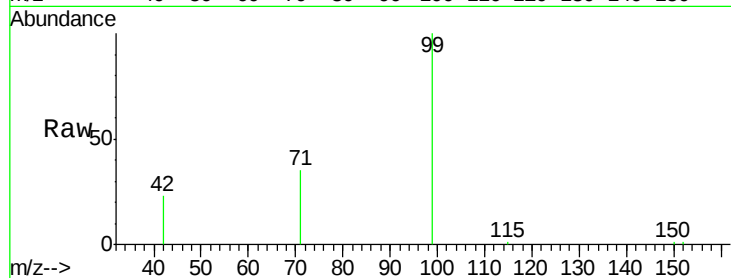
Tgt Ion: 99 Resp: 8092

Ion Ratio Lower Upper

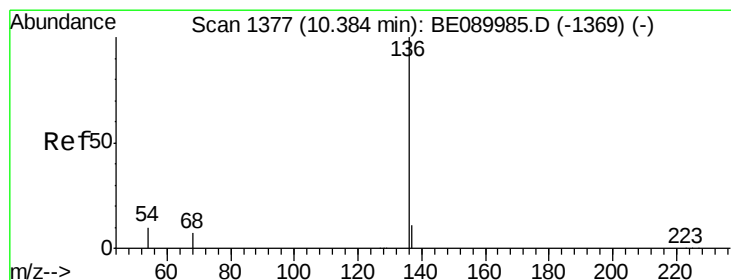
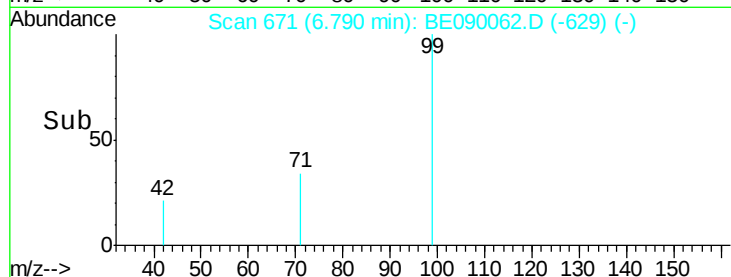
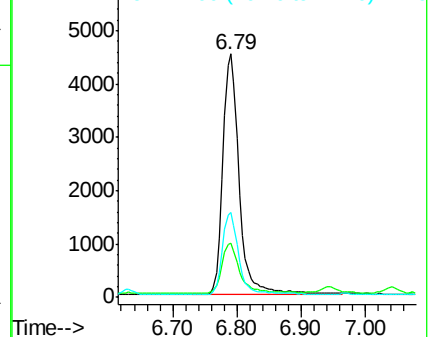
99 100

42 21.9 18.7 28.1

71 34.1 27.5 41.3



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. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Tgt Ion: 136 Resp: 120418

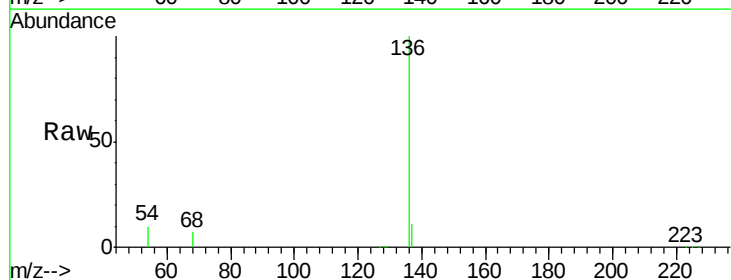
Ion Ratio Lower Upper

136 100

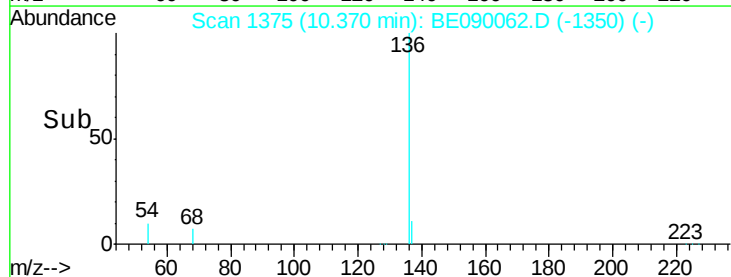
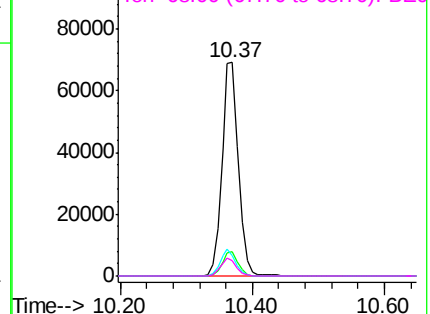
137 11.2 8.9 13.3

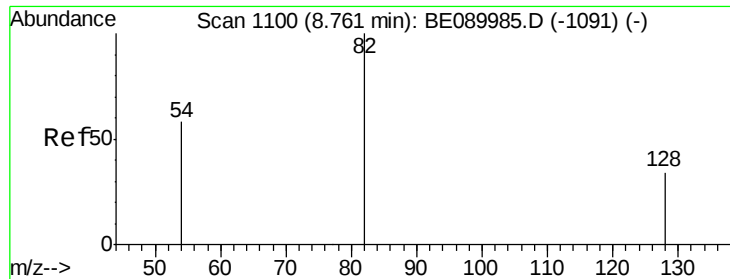
54 9.6 8.2 12.4

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: 0.87 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

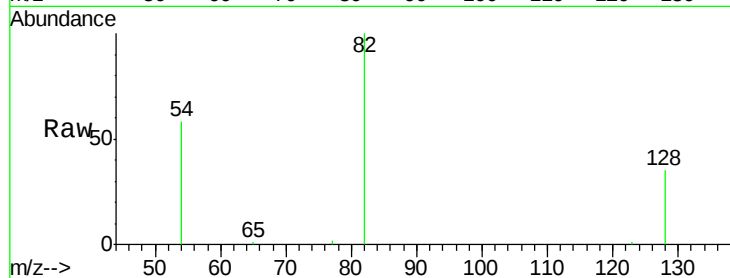
Tgt Ion: 82 Resp: 8276

Ion Ratio Lower Upper

82 100

128 35.1 28.0 42.0

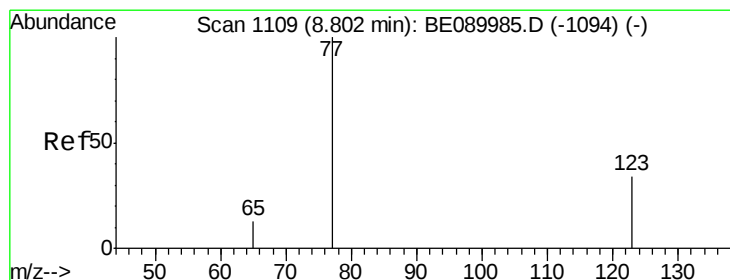
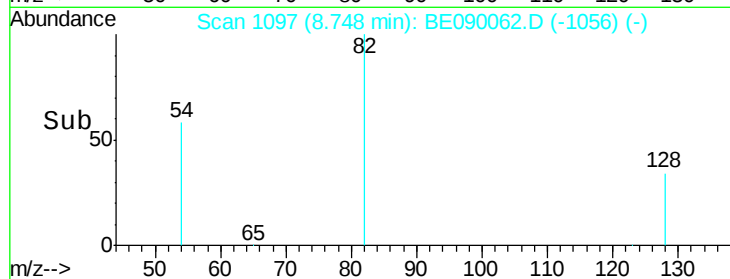
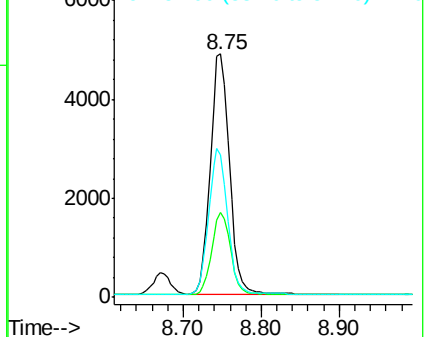
54 58.3 47.6 71.4



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: 0.86 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

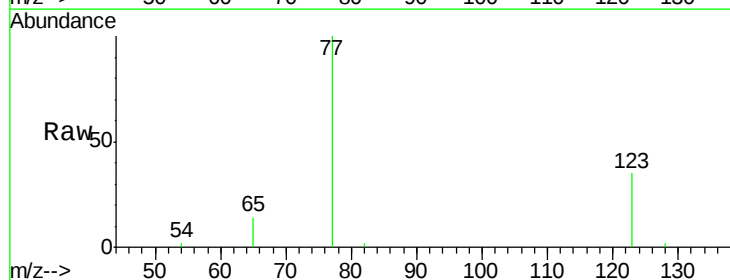
Tgt Ion: 77 Resp: 8705

Ion Ratio Lower Upper

77 100

123 35.2 27.4 41.0

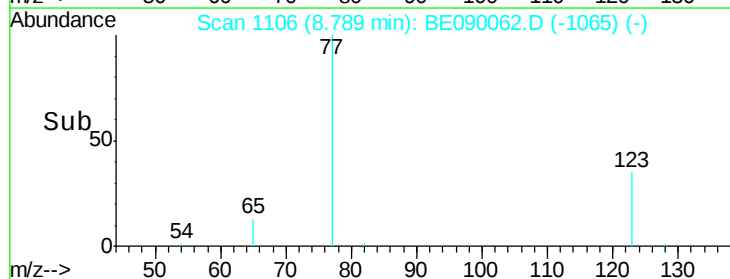
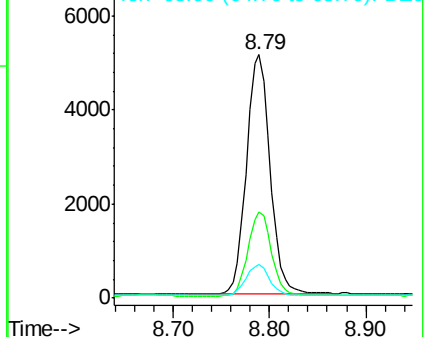
65 12.8 10.6 15.8



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# 1381

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

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BNA_E

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SSTDCCC001

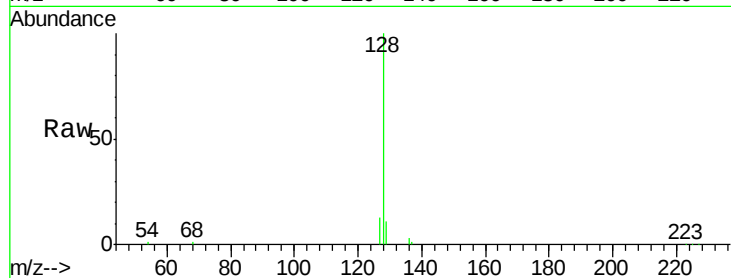
Tgt Ion:128 Resp: 25006

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

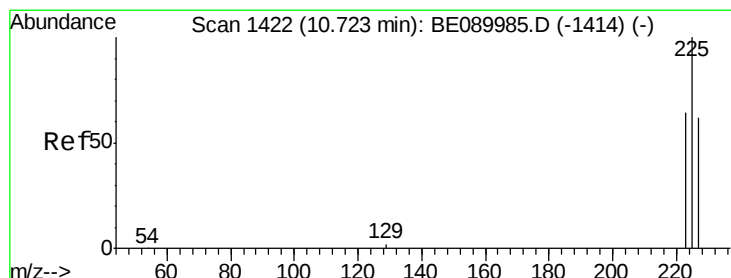
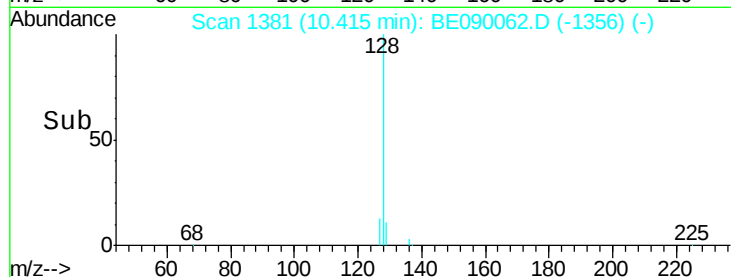
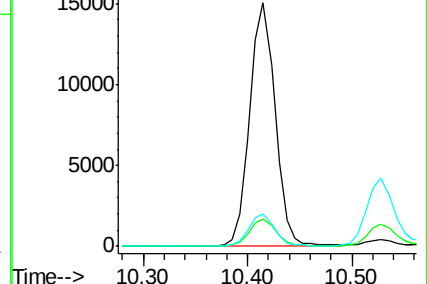
127 13.2 10.2 15.4



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: 0.93 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

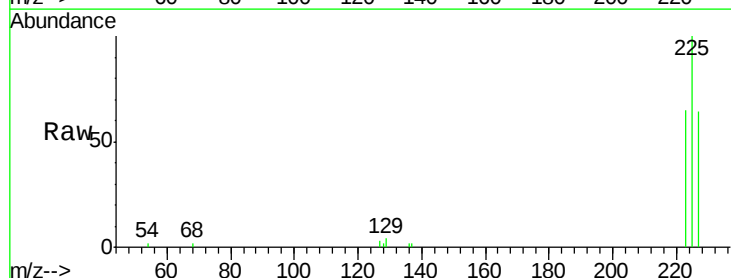
Tgt Ion:225 Resp: 3999

Ion Ratio Lower Upper

225 100

223 64.2 50.1 75.1

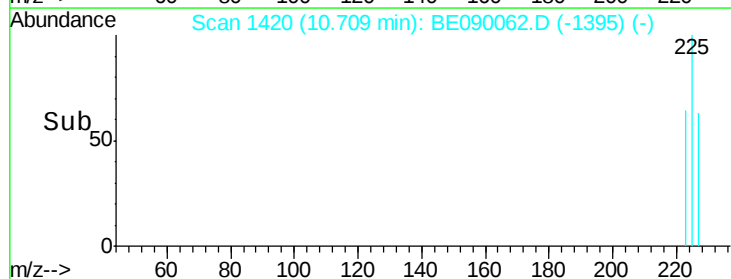
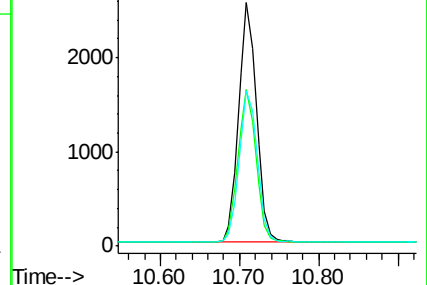
227 64.5 50.9 76.3

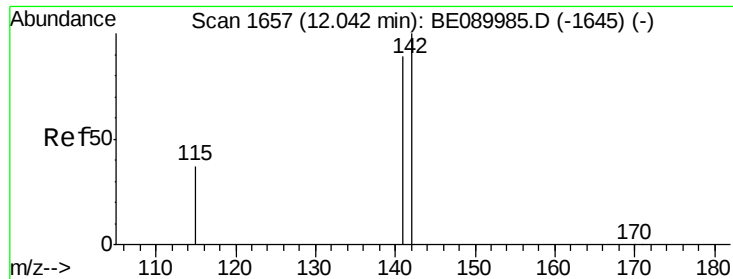


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

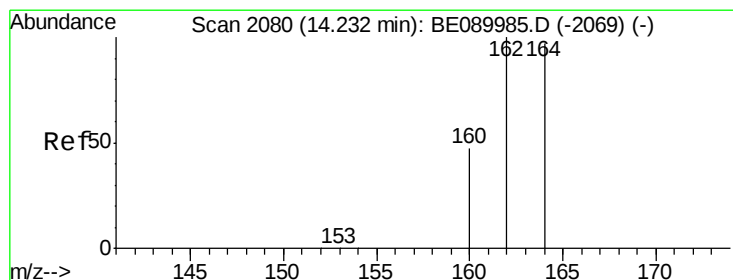
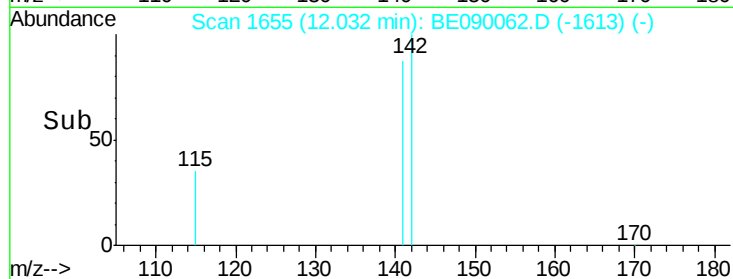
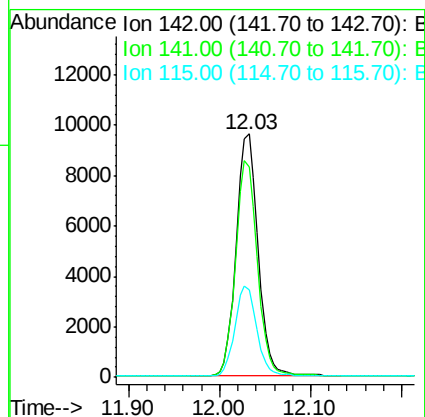
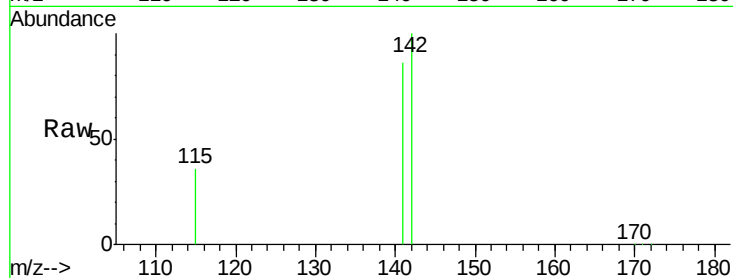




#11
2-Methylnaphthalene
Concen: 0.88 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090062.D
Acq: 8 Jul 2015 16:51

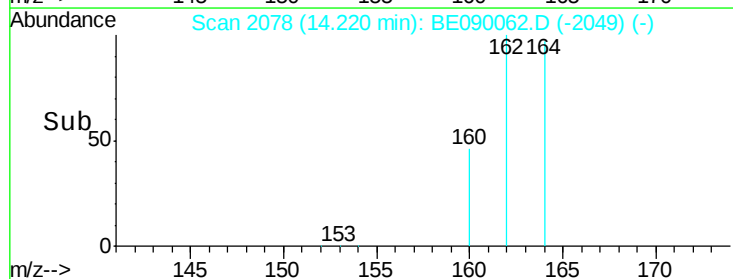
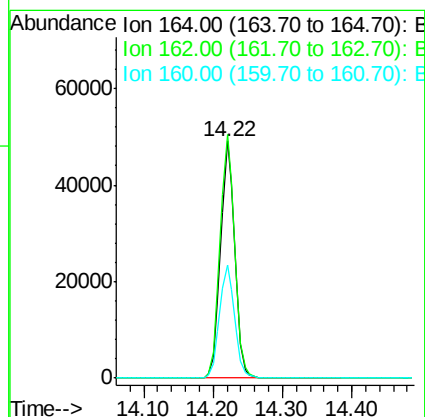
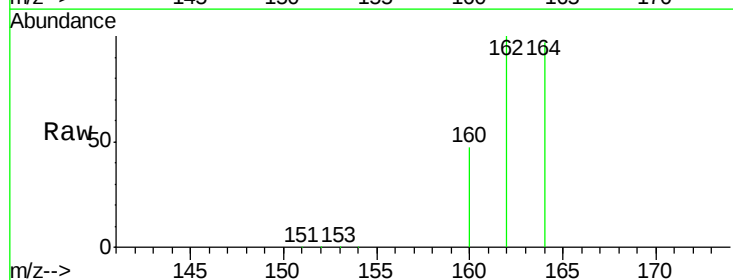
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 16057
Ion Ratio Lower Upper
142 100
141 86.4 71.3 106.9
115 35.8 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BE090062.D
Acq: 8 Jul 2015 16:51

Tgt Ion:164 Resp: 68477
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.4
160 47.9 39.0 58.6

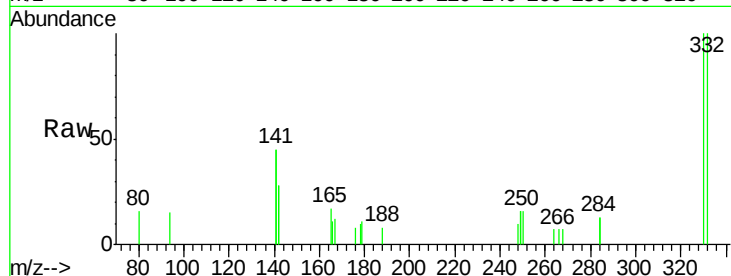




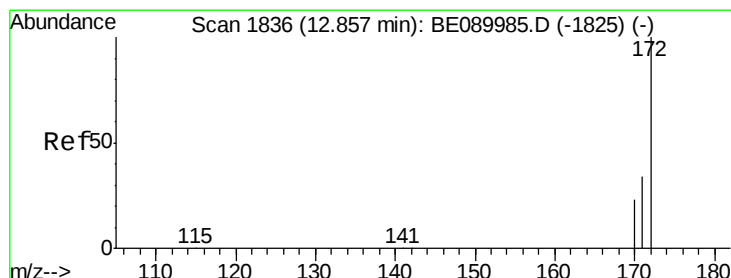
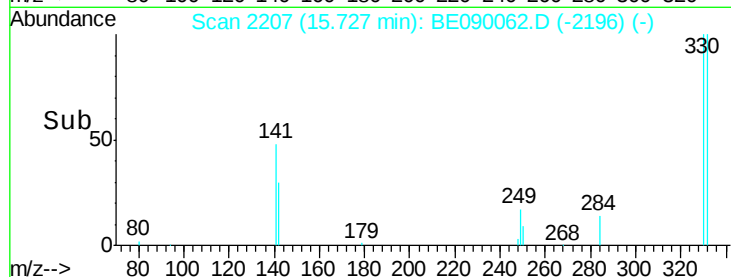
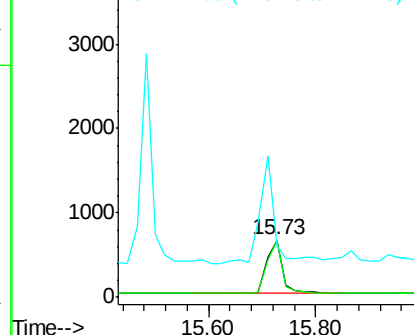
#13
 2,4,6-Tribromophenol
 Concen: 0.67 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 1339
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.4 114.6
 141 174.2 130.3 195.5

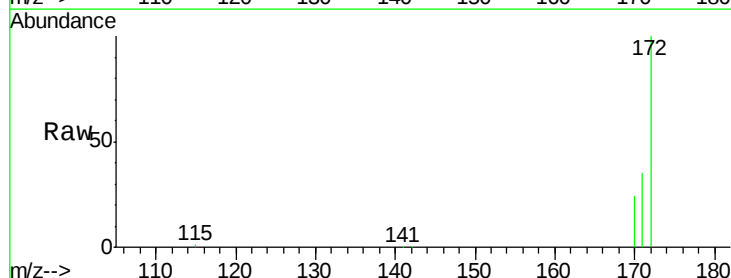


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

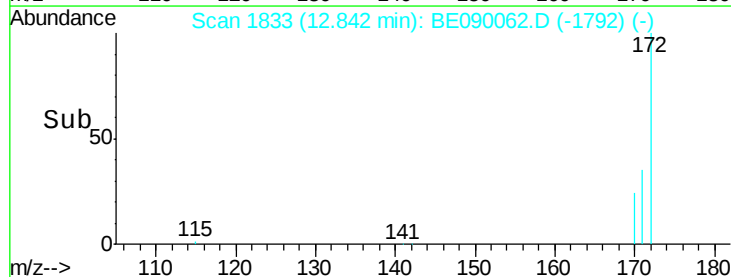
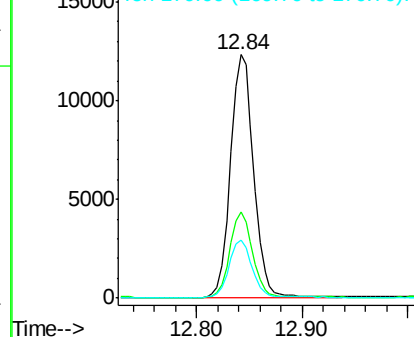


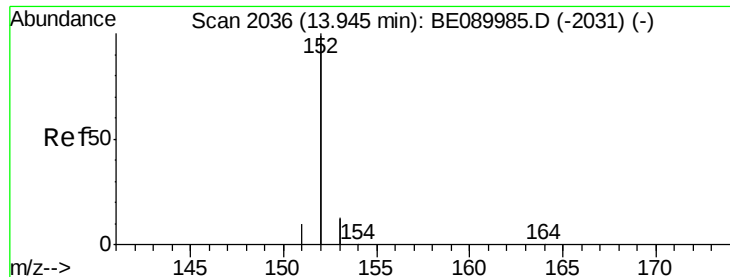
#14
 2-Fluorobiphenyl
 Concen: 0.90 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Tgt Ion: 172 Resp: 18569
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.6
 170 23.8 18.3 27.5



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: 0.91 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

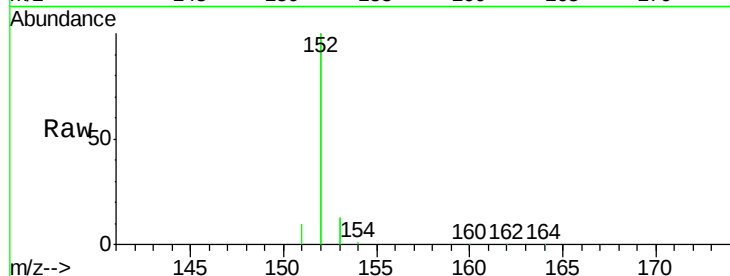
Tgt Ion:152 Resp: 112580

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

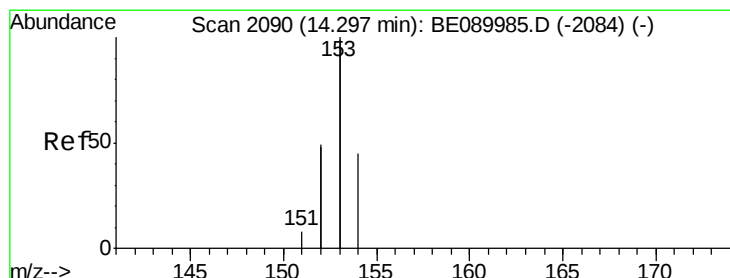
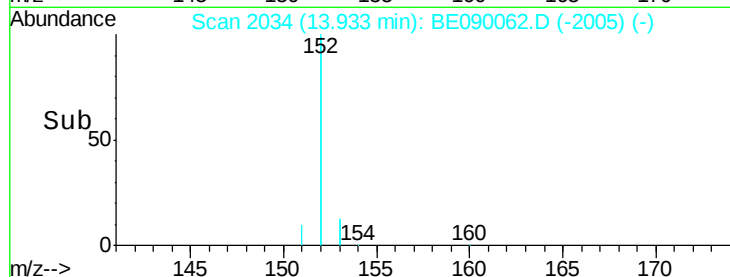
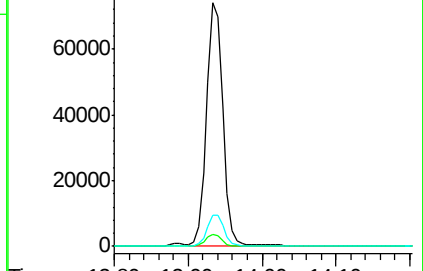
153 13.1 10.4 15.6



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: 0.93 ng

RT: 14.29 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

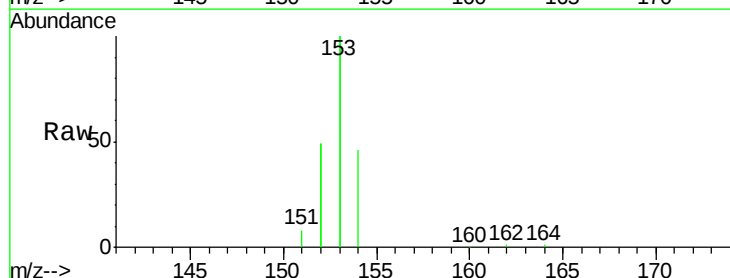
Tgt Ion:154 Resp: 16525

Ion Ratio Lower Upper

154 100

153 455.1 358.6 538.0

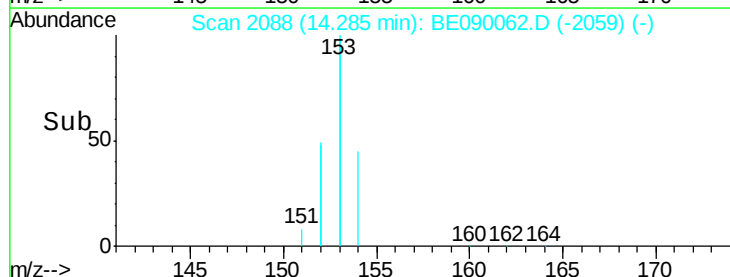
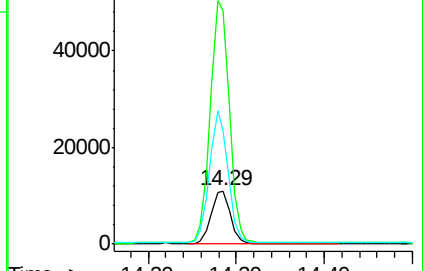
152 240.7 189.6 284.4



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

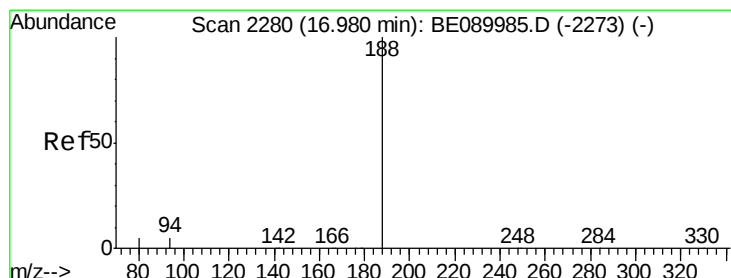
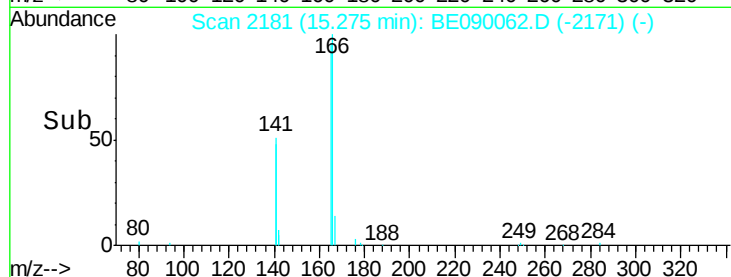
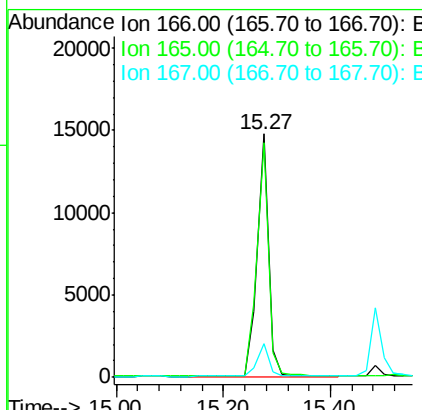
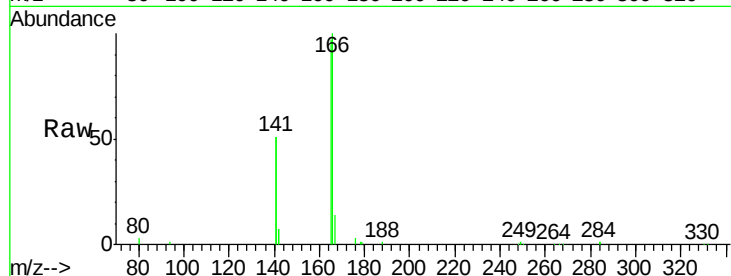




#17
Fluorene
 Concen: 0.89 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

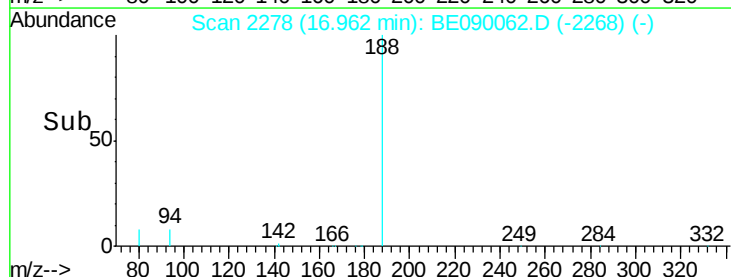
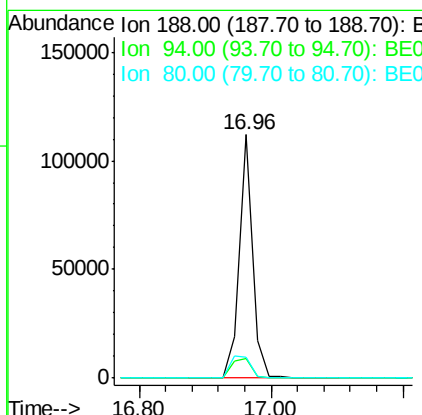
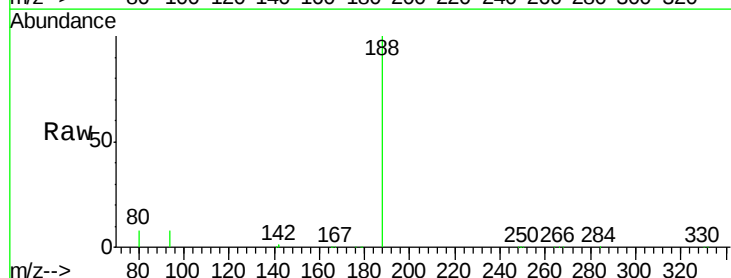
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:166 Resp: 21607
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.6
 167 14.5 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: BE090062.D
 Acq: 8 Jul 2015 16:51

Tgt Ion:188 Resp: 157578
 Ion Ratio Lower Upper
 188 100
 94 7.9 4.1 6.1#
 80 8.4 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: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

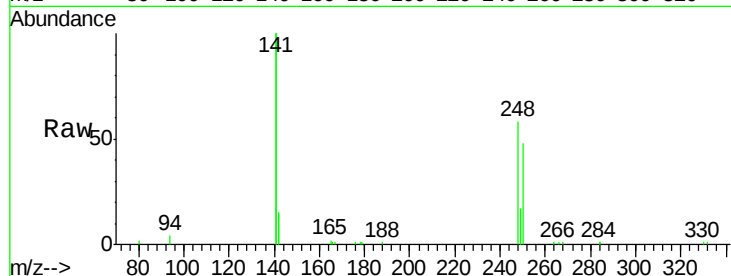
Tgt Ion:248 Resp: 5893

Ion Ratio Lower Upper

248 100

250 95.2 78.3 117.5

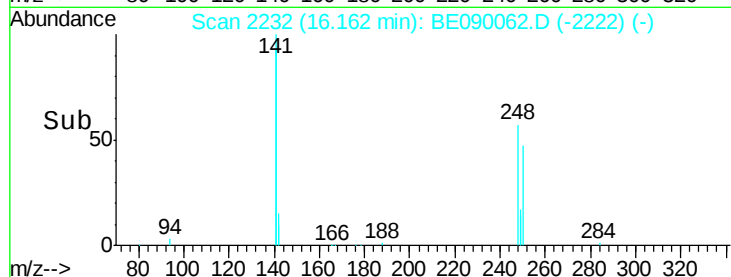
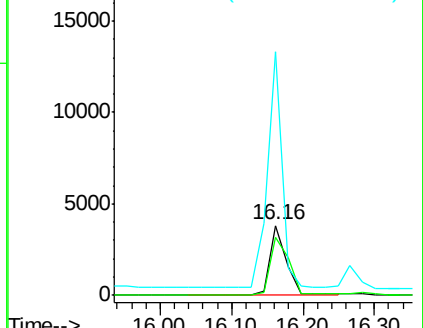
141 313.6 248.1 372.1



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



#20

Hexachlorobenzene

Concen: 0.89 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

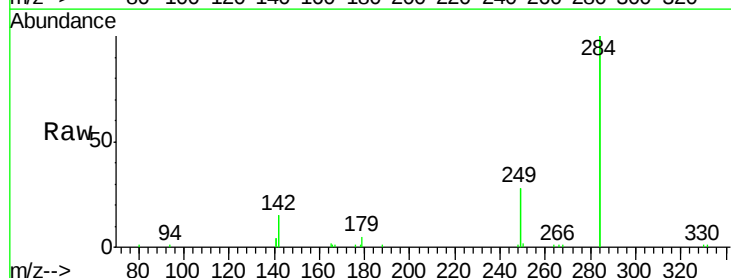
Tgt Ion:284 Resp: 24753

Ion Ratio Lower Upper

284 100

142 40.2 32.6 49.0

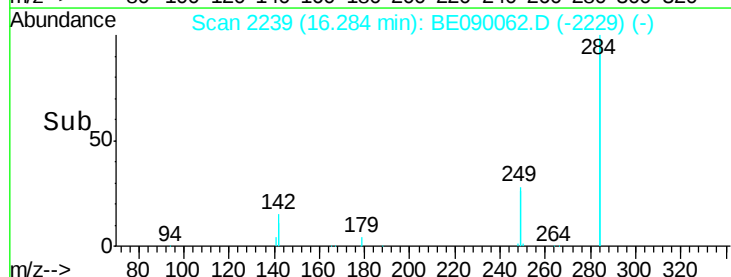
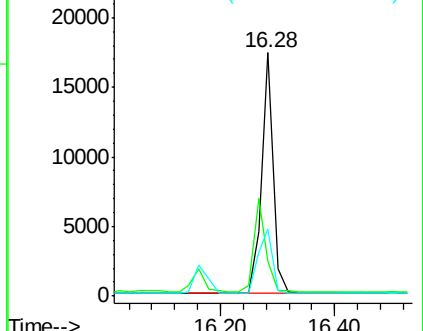
249 33.7 25.5 38.3

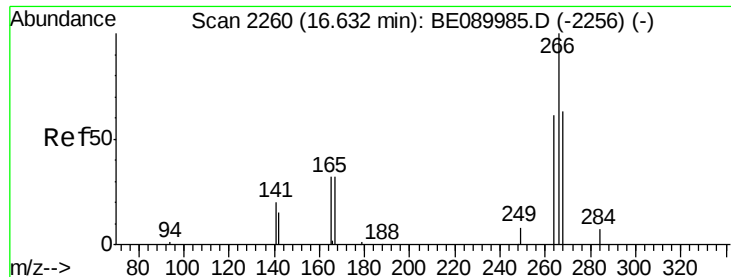


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

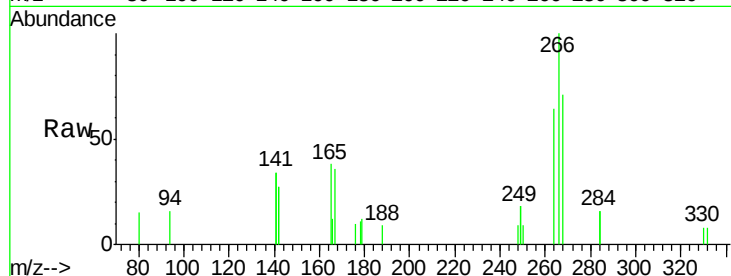




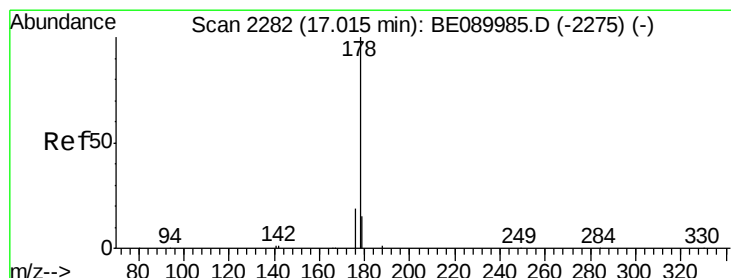
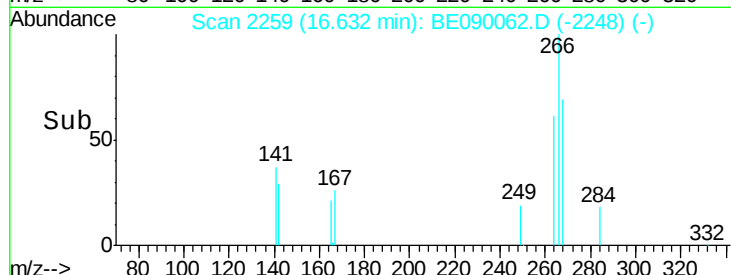
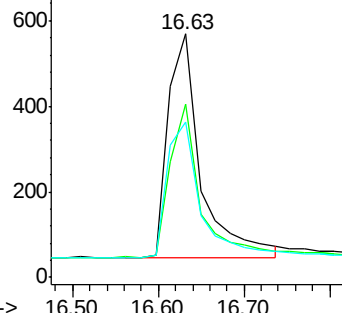
#21
 Pentachlorophenol
 Concen: 0.64 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:266 Resp: 1400
 Ion Ratio Lower Upper
 266 100
 268 71.2 51.8 77.8
 264 64.0 50.2 75.2

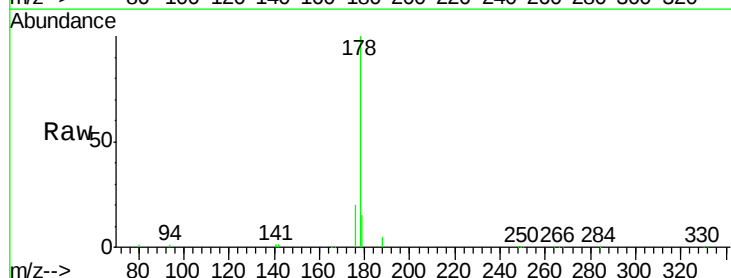


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

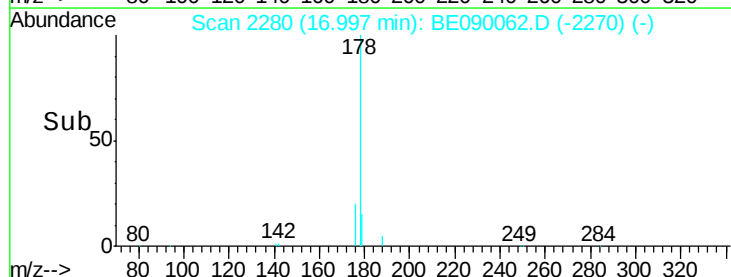
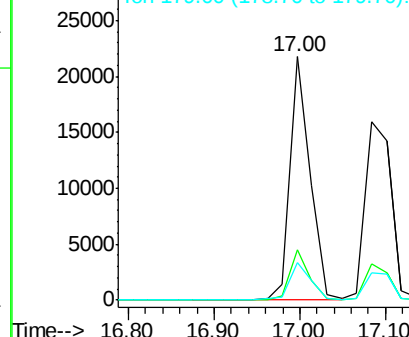


#22
 Phenanthrene
 Concen: 0.87 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Tgt Ion:178 Resp: 35290
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.8 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: 0.89 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

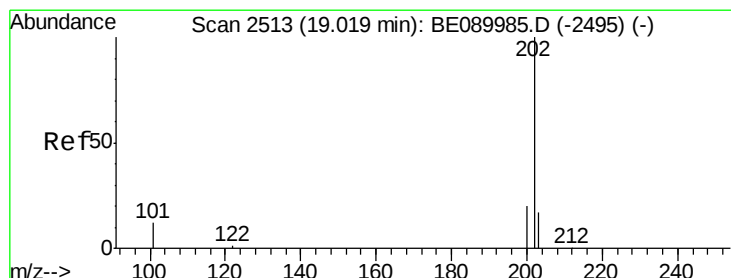
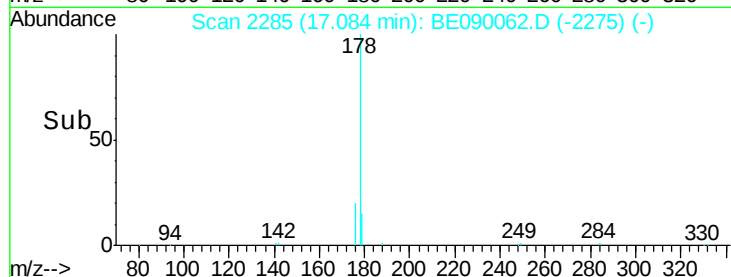
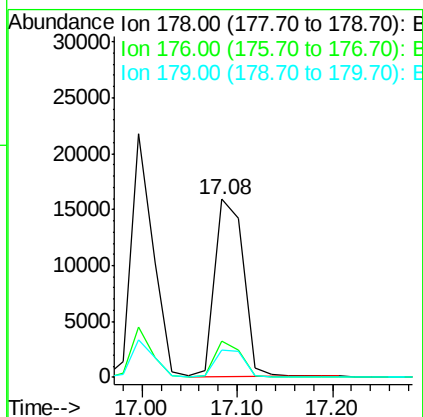
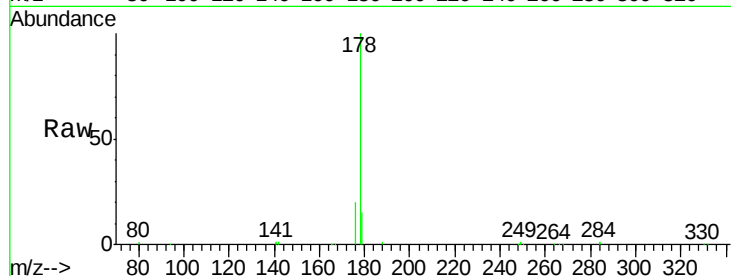
Tgt Ion:178 Resp: 32920

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.3 12.1 18.1



#24

Fluoranthene

Concen: 0.87 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

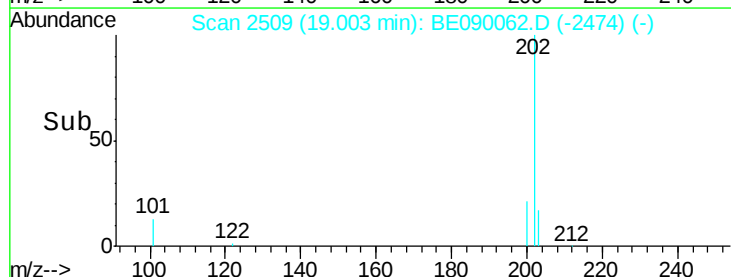
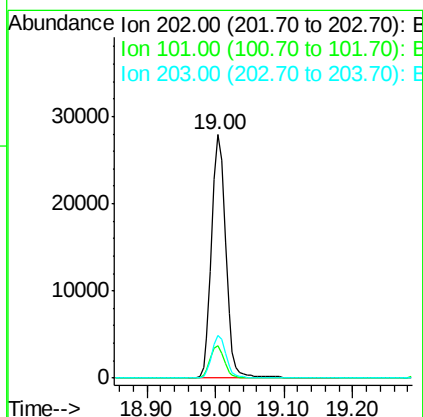
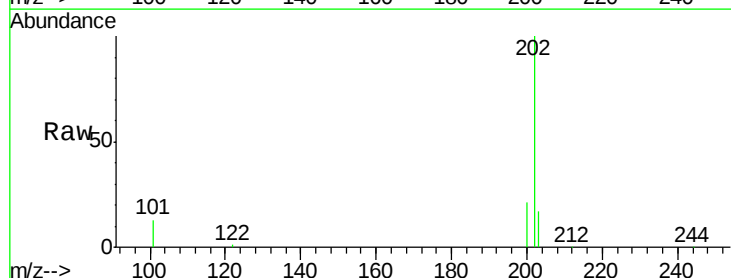
Tgt Ion:202 Resp: 39368

Ion Ratio Lower Upper

202 100

101 13.0 10.6 15.8

203 17.3 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

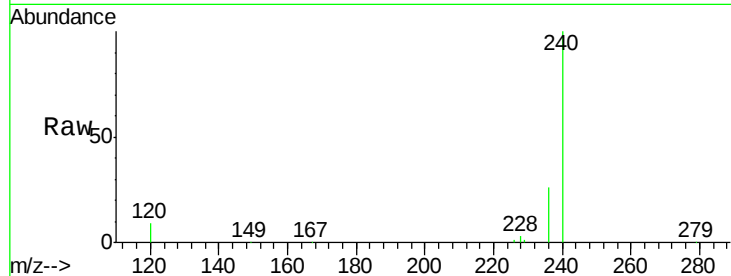
Tgt Ion:240 Resp: 181286

Ion Ratio Lower Upper

240 100

120 9.3 6.9 10.3

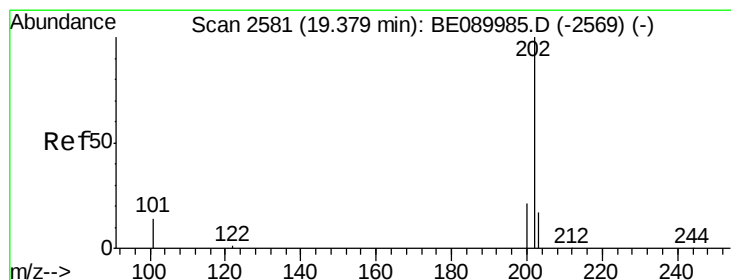
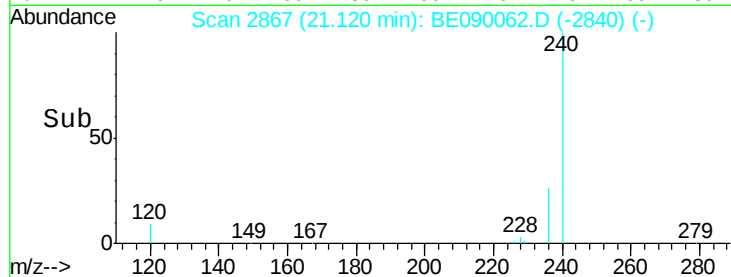
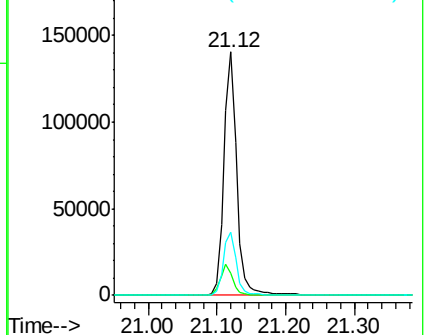
236 26.0 20.8 31.2



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: 0.96 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

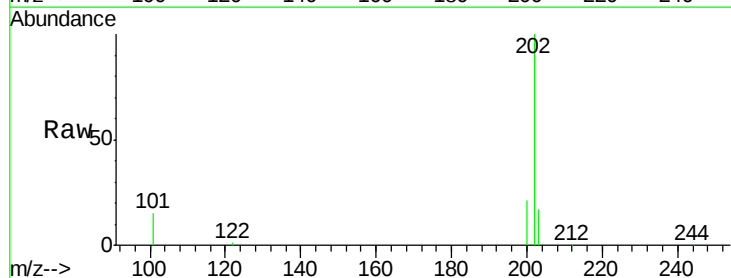
Tgt Ion:202 Resp: 41460

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

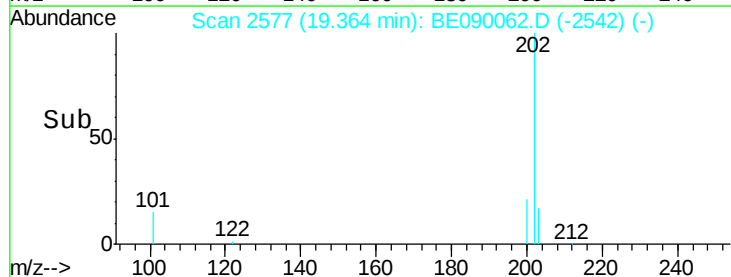
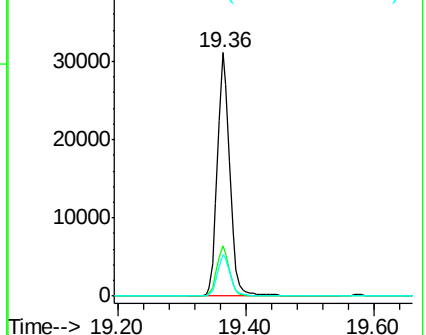
203 17.4 13.9 20.9



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

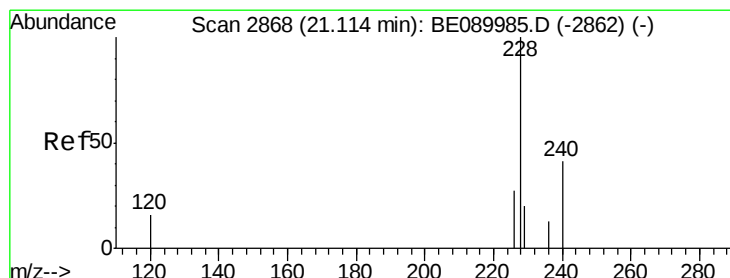
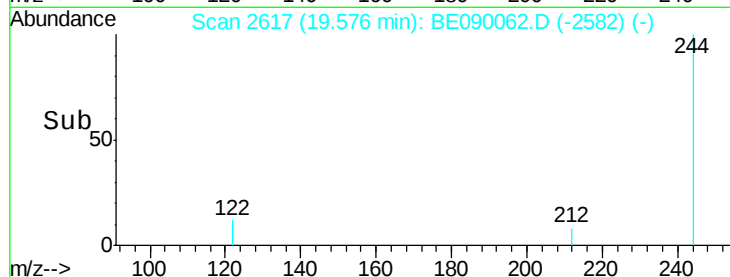
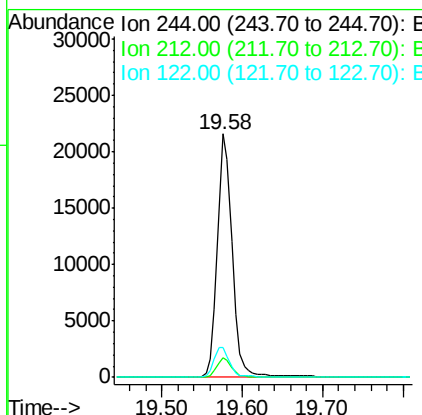
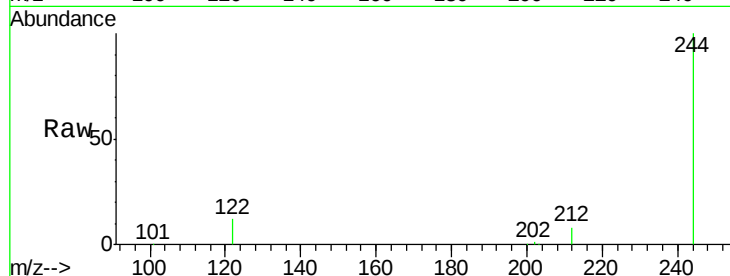




#27
 Terphenyl-d14
 Concen: 0.91 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

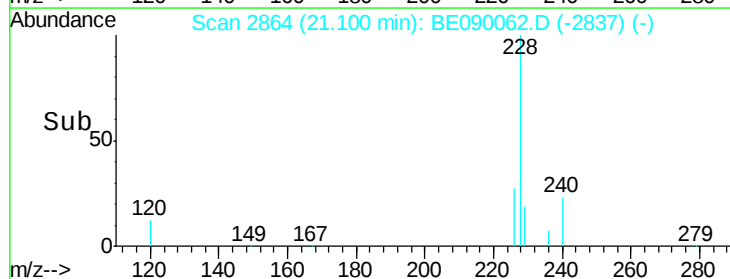
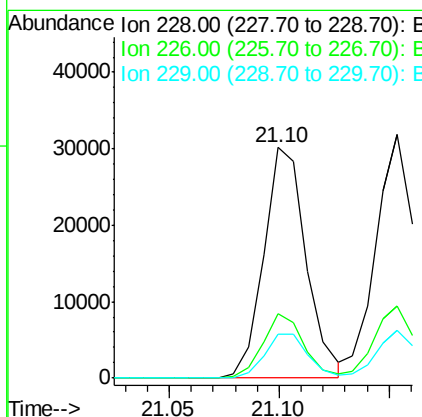
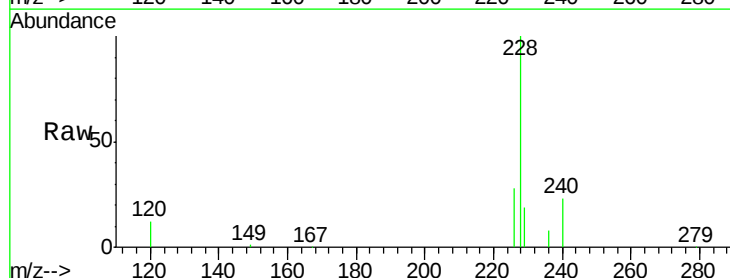
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

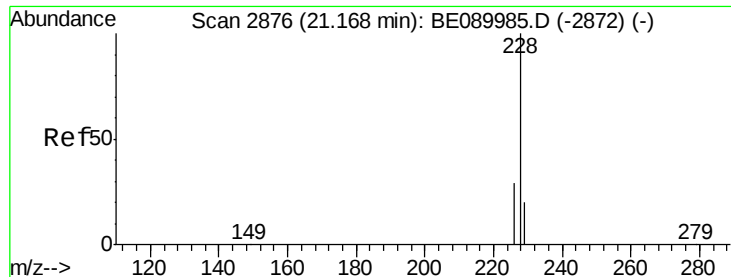
Tgt Ion: 244 Resp: 27621
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.4 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.89 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BE090062.D
 Acq: 8 Jul 2015 16:51

Tgt Ion: 228 Resp: 40470
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.8 32.6
 229 19.2 15.8 23.6





#29

Chrysene

Concen: 0.90 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

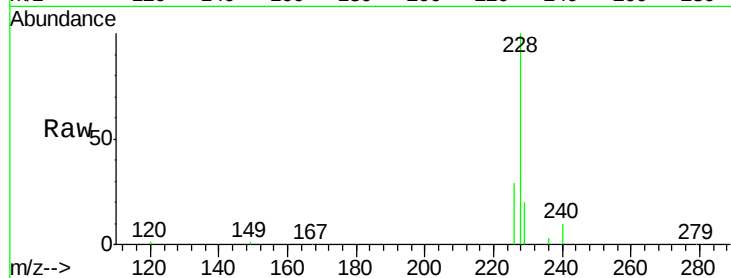
Tgt Ion:228 Resp: 42391

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

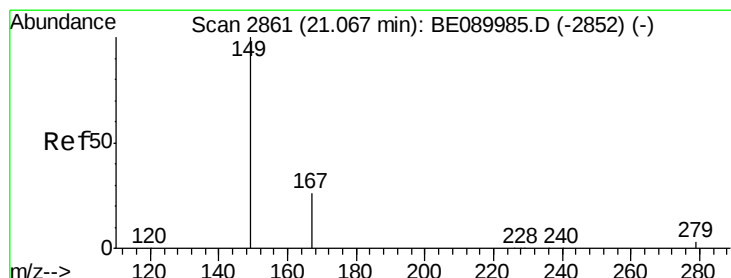
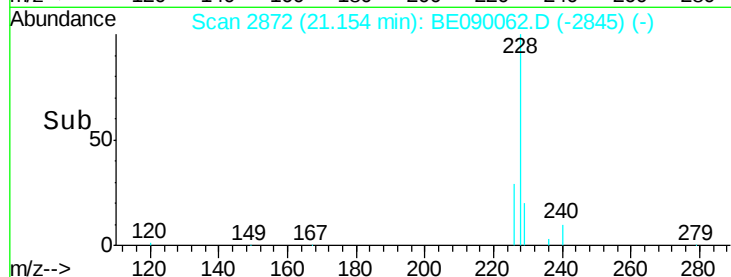
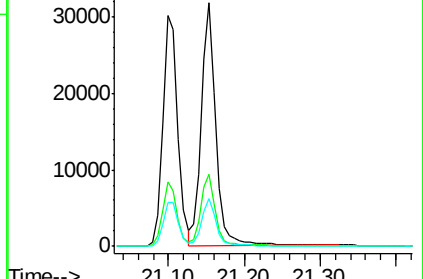
229 19.7 16.2 24.2



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: 0.70 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

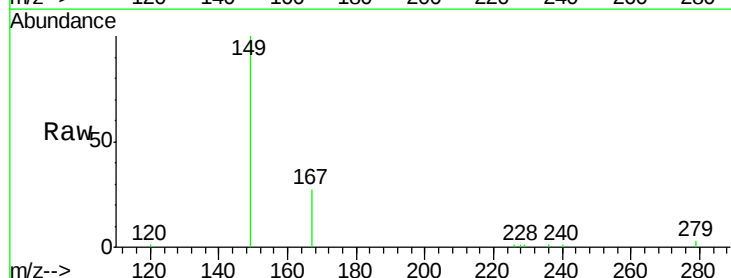
Tgt Ion:149 Resp: 8774

Ion Ratio Lower Upper

149 100

167 26.0 20.3 30.5

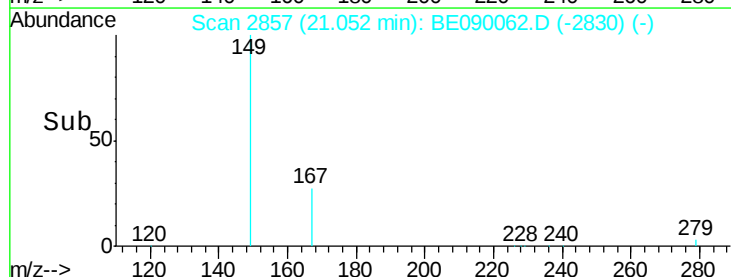
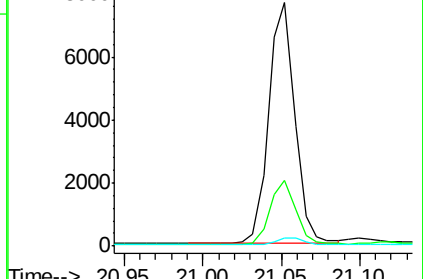
279 3.1 2.6 3.8

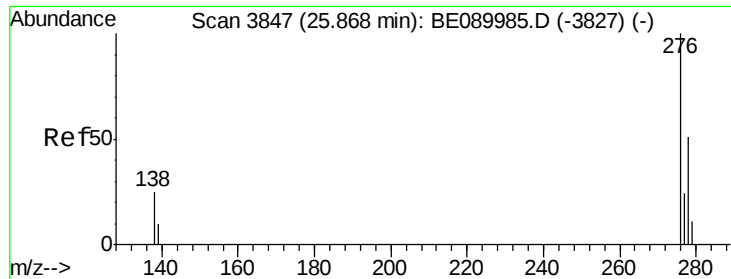


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.88 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.04 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

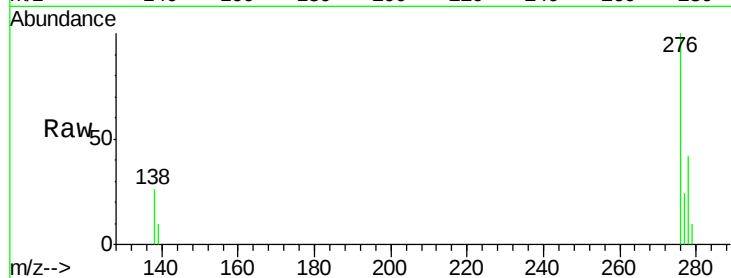
Tgt Ion:276 Resp: 39606

Ion Ratio Lower Upper

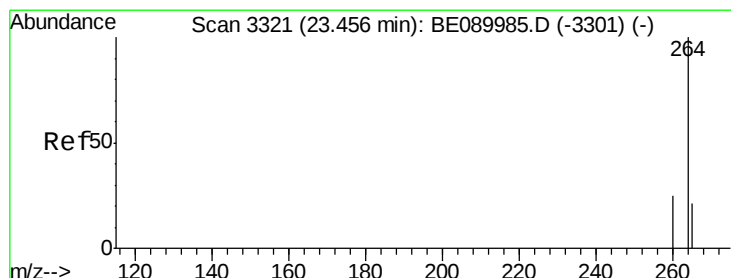
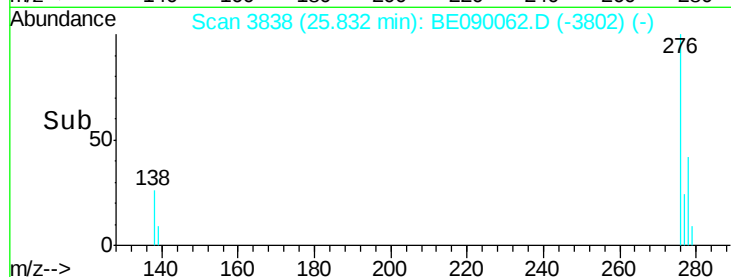
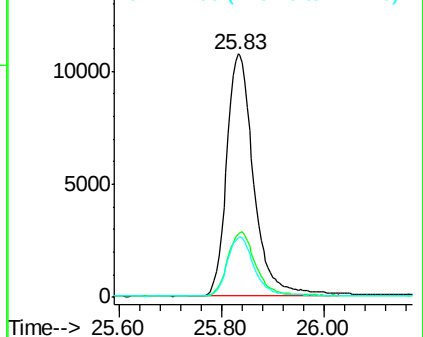
276 100

138 27.6 21.3 31.9

277 24.4 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: 23.43 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

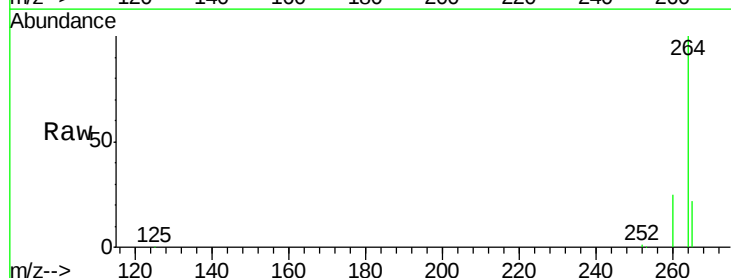
Tgt Ion:264 Resp: 161894

Ion Ratio Lower Upper

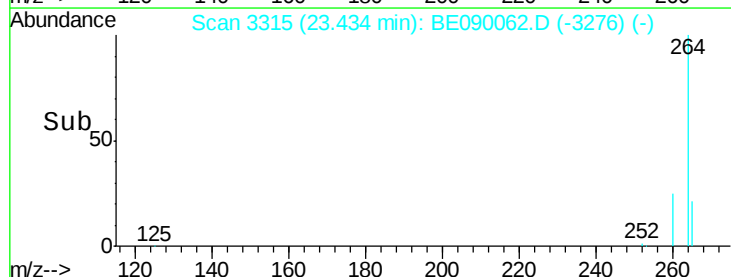
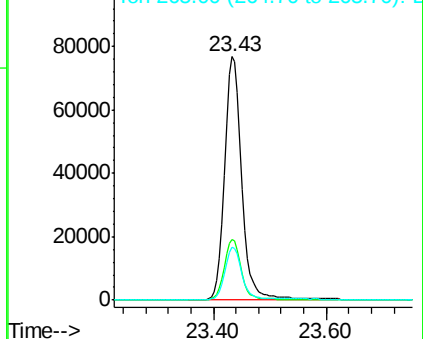
264 100

260 25.0 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: 1.00 ng

RT: 22.73 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

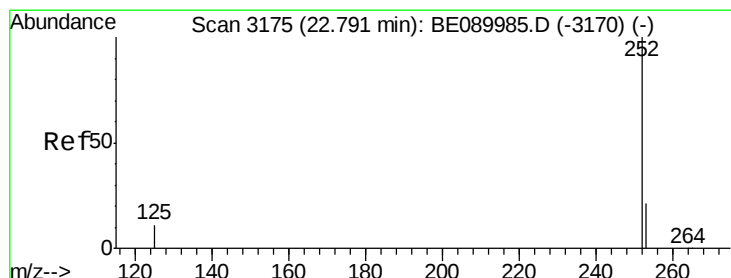
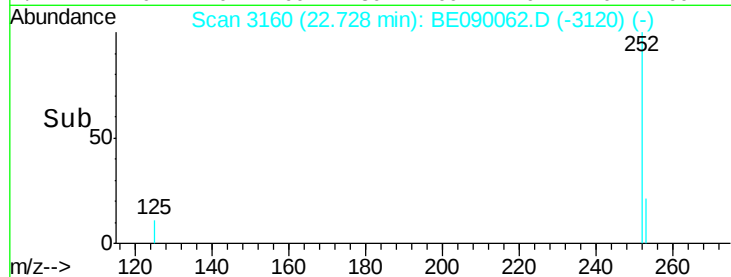
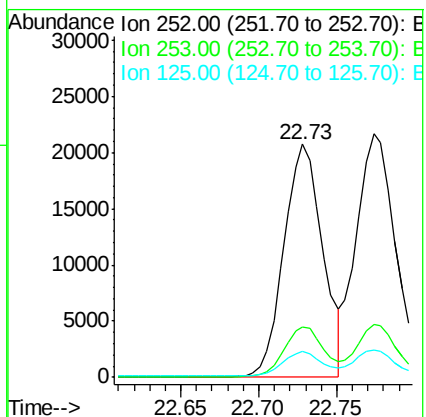
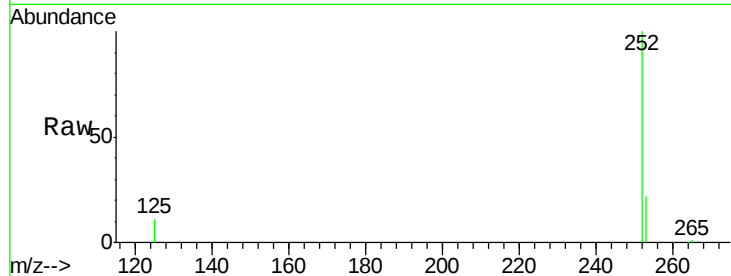
Tgt Ion:252 Resp: 35538

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 11.1 9.0 13.4



#34

Benzo(k)fluoranthene

Concen: 1.01 ng

RT: 22.77 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

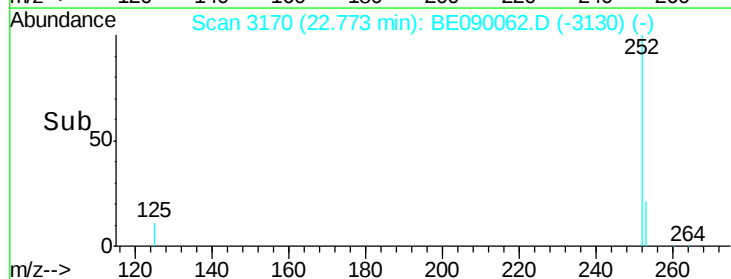
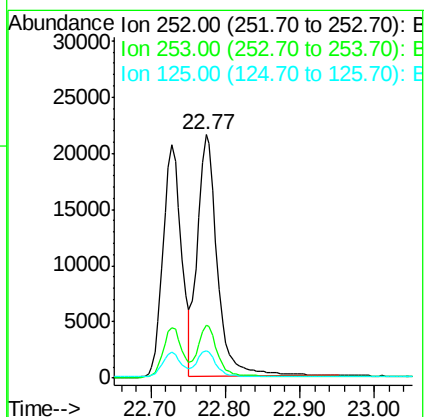
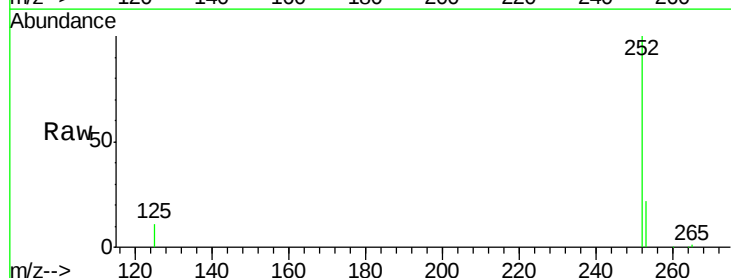
Tgt Ion:252 Resp: 40309

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.3 9.5 14.3





#35

Benzo(a)pyrene

Concen: 0.98 ng

RT: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

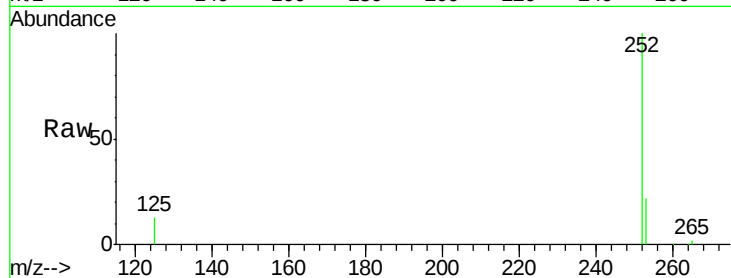
Tgt Ion:252 Resp: 32377

Ion Ratio Lower Upper

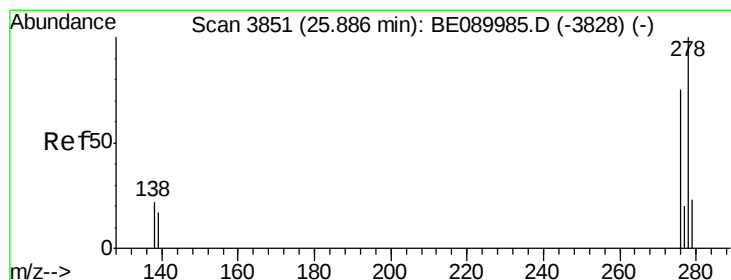
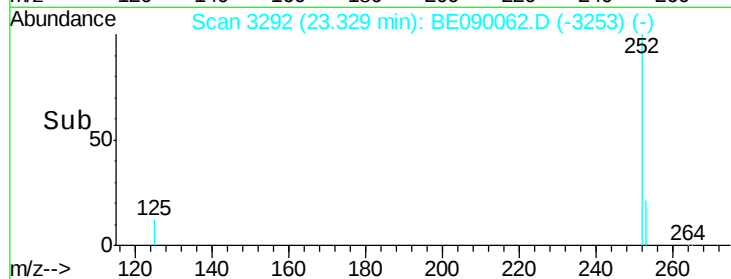
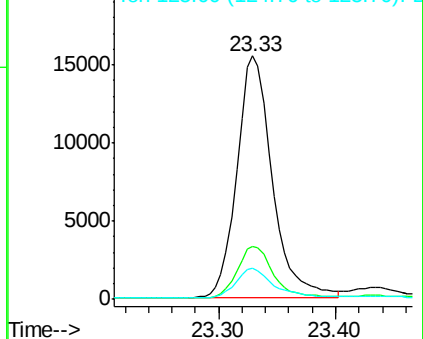
252 100

253 21.9 17.4 26.2

125 12.6 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: 0.93 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BE090062.D

Acq: 8 Jul 2015 16:51

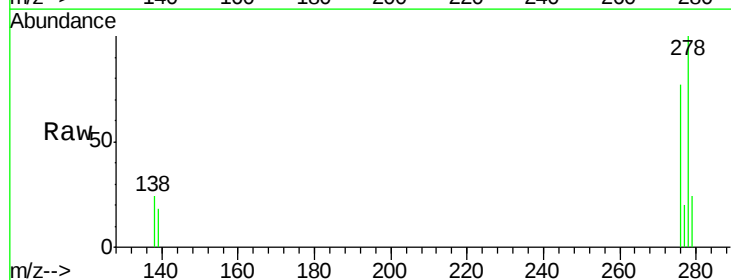
Tgt Ion:278 Resp: 31463

Ion Ratio Lower Upper

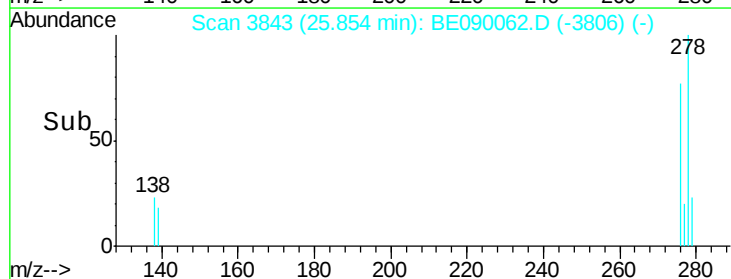
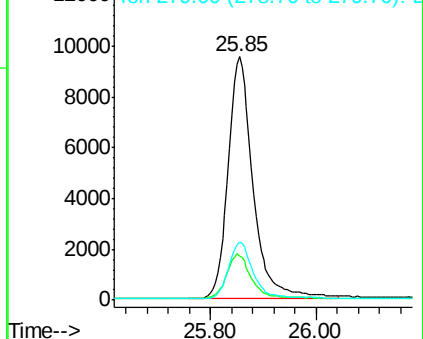
278 100

139 18.3 14.4 21.6

279 23.7 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: 0.93 ng

RT: 26.57 min Scan# 4000

Delta R.T. -0.04 min

Lab File: BE090062.D

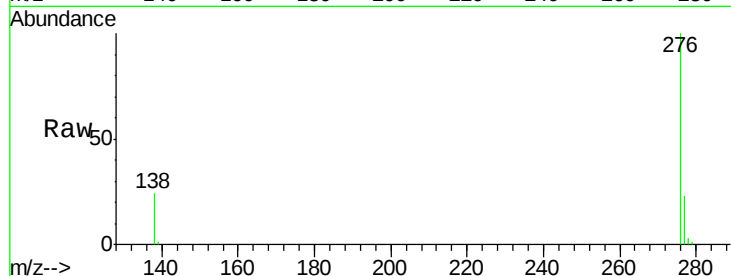
Acq: 8 Jul 2015 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 31804

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 24.0 18.6 27.8

