

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090553.D
 Acq On : 18 Aug 2015 13:50
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Aug 19 02:29:12 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24822	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	125735	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	68929	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	149367	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145511	5.00	ng	0.00
32) Perylene-d12	23.40	264	134154	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	7466	1.04	ng	0.00
5) Phenol-d6	6.77	99	10862	1.03	ng	0.00
7) Nitrobenzene-d5	8.72	82	9822	0.98	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2666	1.01	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	20768	1.01	ng	0.00
27) Terphenyl-d14	19.55	244	27362	1.03	ng	0.00

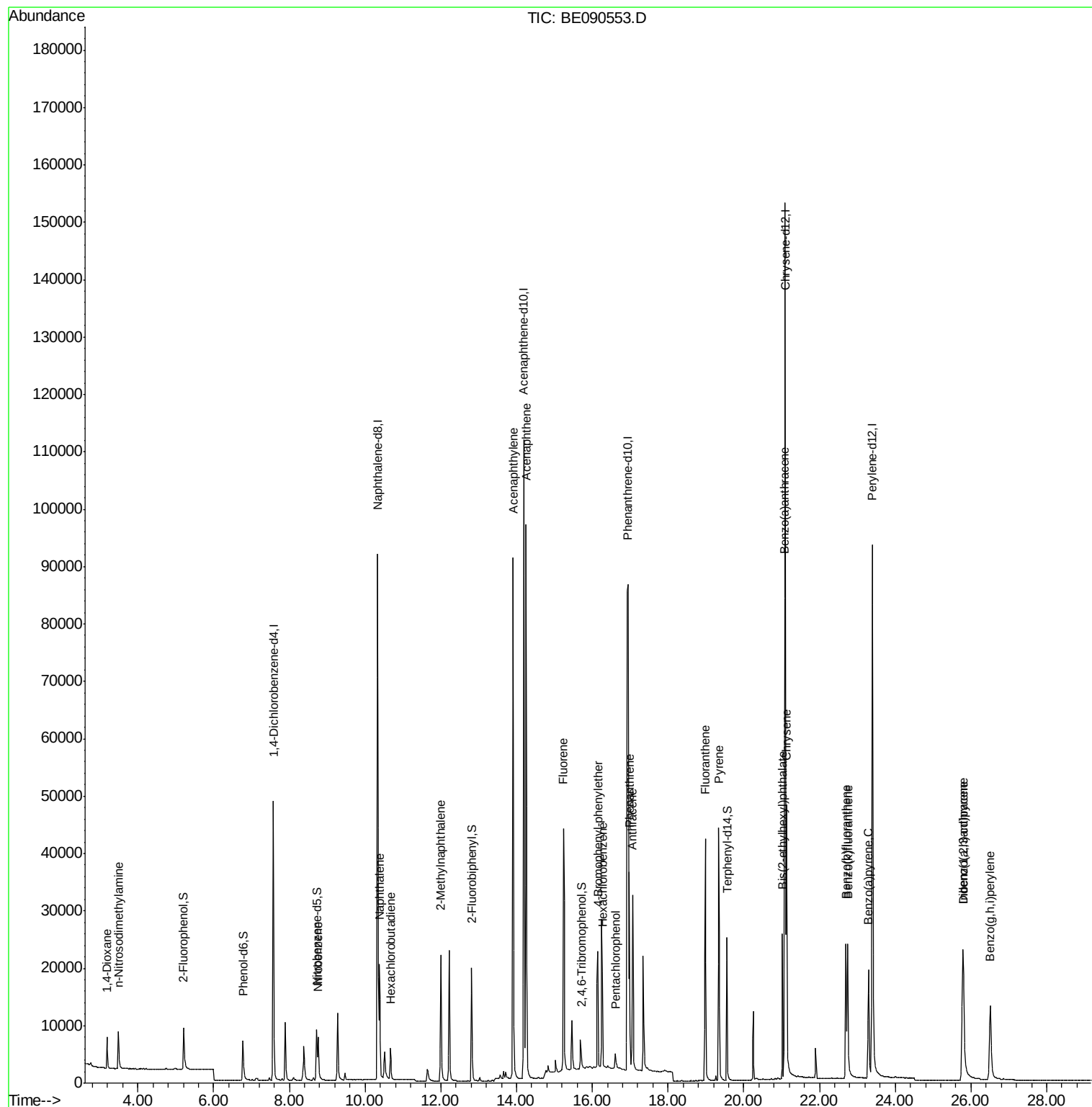
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	3232	1.09	ng	94
3) n-Nitrosodimethylamine	3.48	42	4242	0.99	ng	# 77
8) Nitrobenzene	8.76	77	10175	0.98	ng	97
9) Naphthalene	10.38	128	27862	0.98	ng	99
10) Hexachlorobutadiene	10.68	225	4103	0.98	ng	100
11) 2-Methylnaphthalene	12.00	142	18661	1.00	ng	96
15) Acenaphthylene	13.91	152	126201	1.00	ng	100
16) Acenaphthene	14.25	154	18689	0.99	ng	# 78
17) Fluorene	15.24	166	23606	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6271	1.03	ng	82
20) Hexachlorobenzene	16.27	284	27113	1.00	ng	96
21) Pentachlorophenol	16.61	266	2276	0.96	ng	92
22) Phenanthrene	16.98	178	37295	0.95	ng	100
23) Anthracene	17.07	178	35720	0.99	ng	100
24) Fluoranthene	18.98	202	40844	0.98	ng	99
26) Pyrene	19.34	202	42229	1.01	ng	100
28) Benzo(a)anthracene	21.07	228	37652	0.98	ng	99
29) Chrysene	21.13	228	38969	1.00	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	22112	1.08	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	36282	0.98	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	31874	1.00	ng	98
34) Benzo(k)fluoranthene	22.74	252	36633	1.02	ng	99
35) Benzo(a)pyrene	23.29	252	29953	1.01	ng	# 97
36) Dibenzo(a,h)anthracene	25.80	278	28339	0.99	ng	98
37) Benzo(g,h,i)perylene	26.51	276	31641	1.01	ng	94

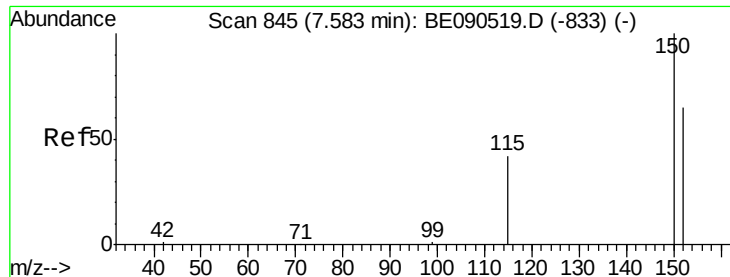
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 16:52:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

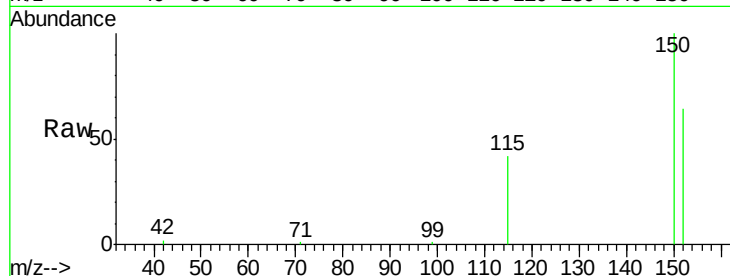
Tgt Ion:152 Resp: 24822

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

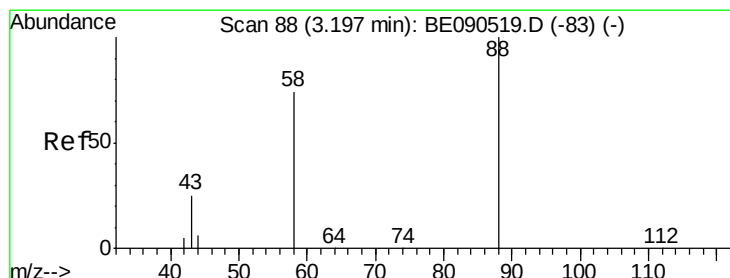
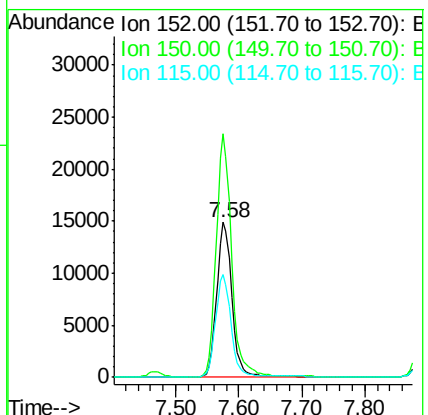
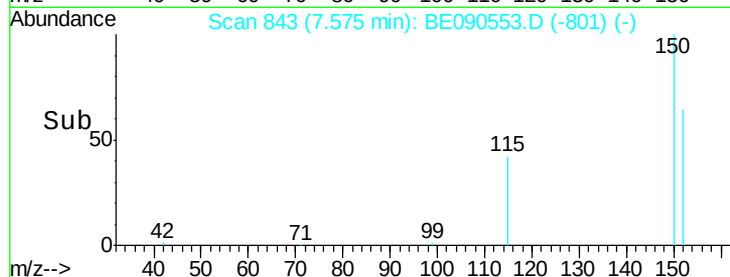
115 66.6 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.09 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

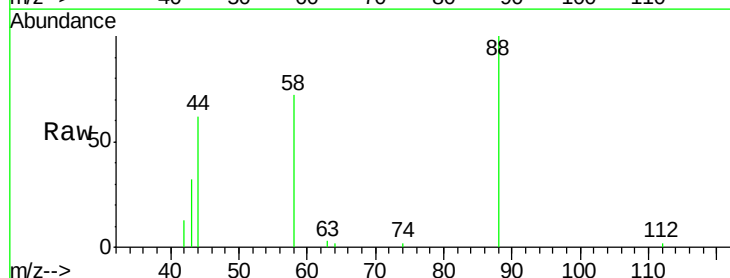
Tgt Ion: 88 Resp: 3232

Ion Ratio Lower Upper

88 100

58 81.3 70.0 105.0

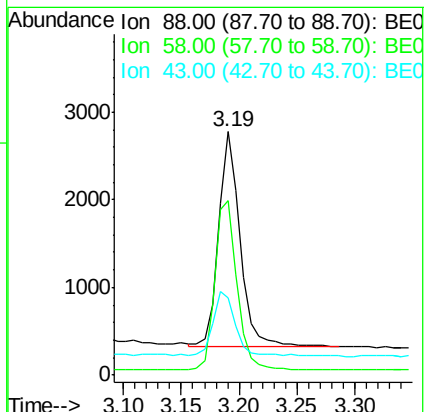
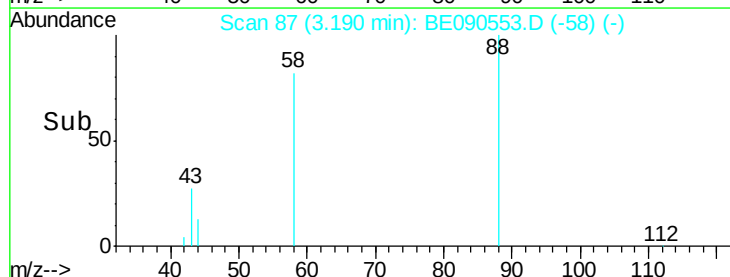
43 32.6 28.4 42.6

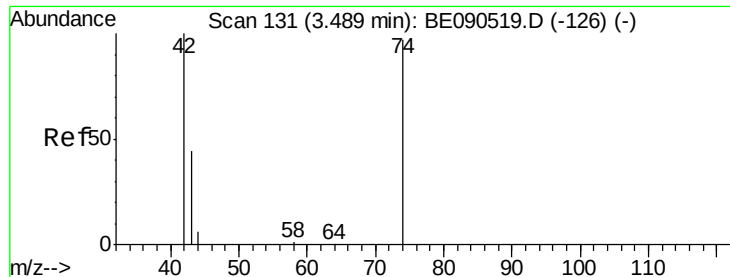


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.99 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

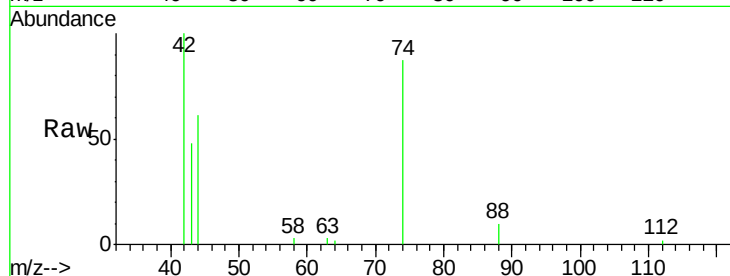
Tgt Ion: 42 Resp: 4242

Ion Ratio Lower Upper

42 100

74 117.8 75.2 112.8#

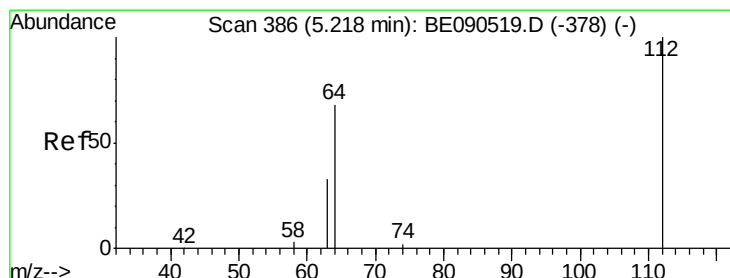
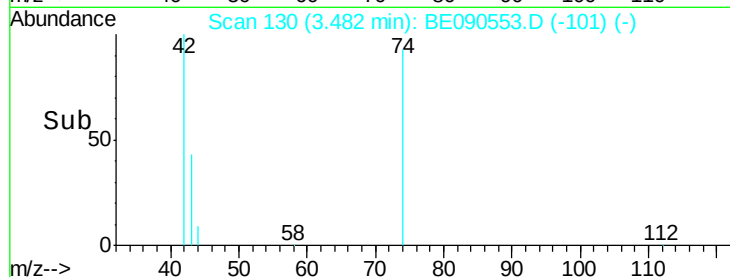
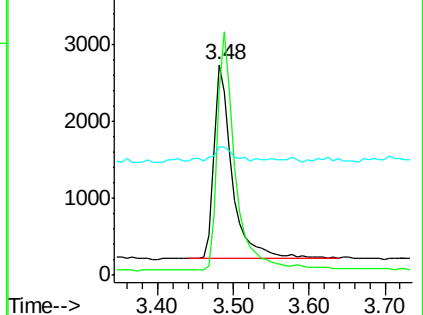
44 8.0 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.04 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

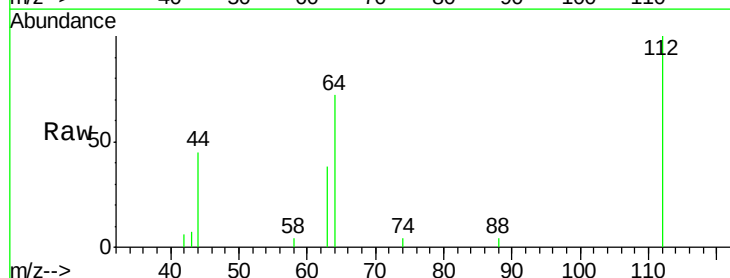
Tgt Ion: 112 Resp: 7466

Ion Ratio Lower Upper

112 100

64 68.7 37.1 55.7#

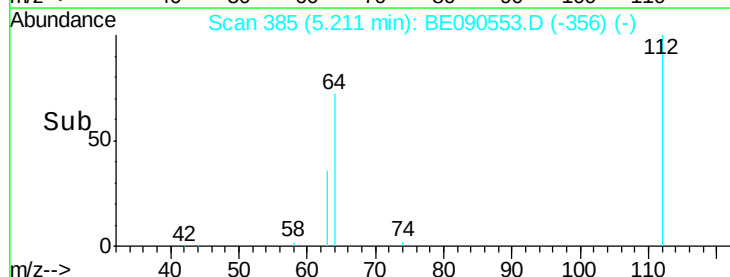
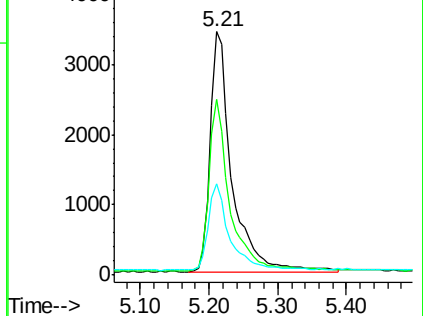
63 35.4 19.5 29.3#

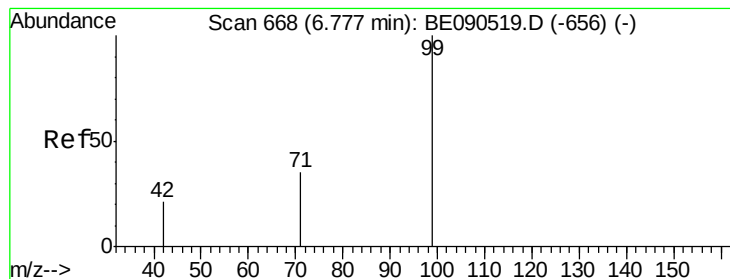


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.03 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

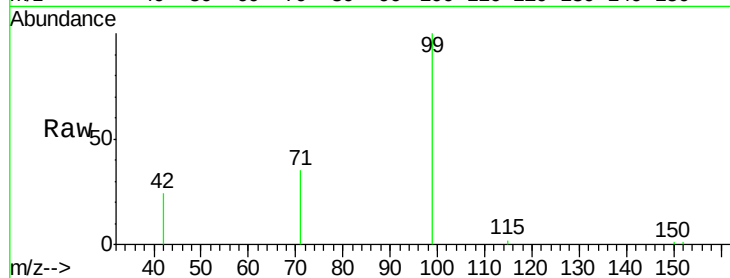
Tgt Ion: 99 Resp: 10862

Ion Ratio Lower Upper

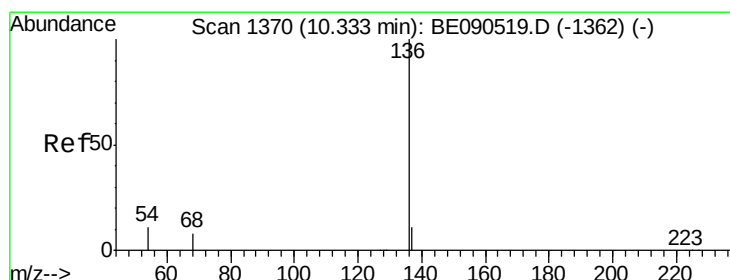
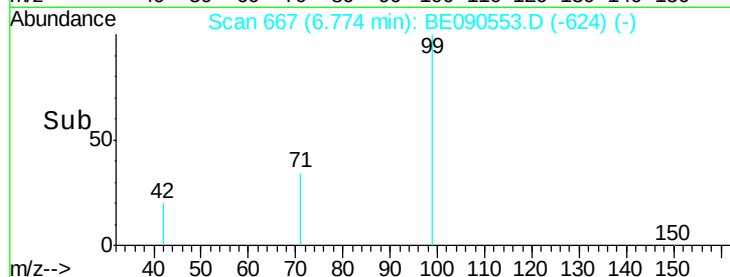
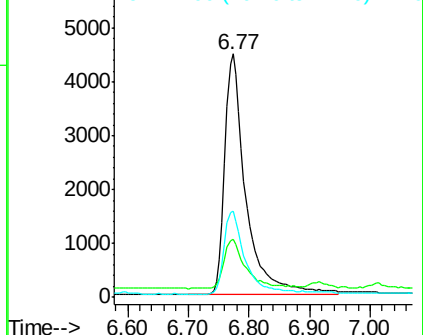
99 100

42 20.3 18.2 27.4

71 34.7 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Tgt Ion: 136 Resp: 125735

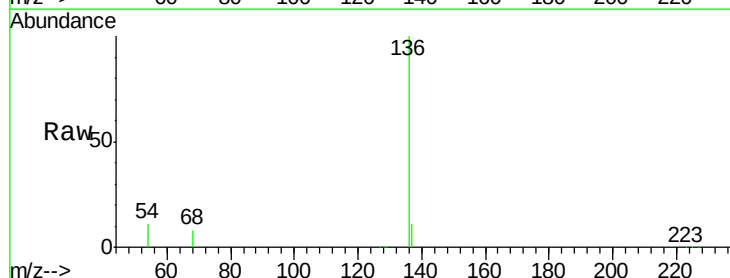
Ion Ratio Lower Upper

136 100

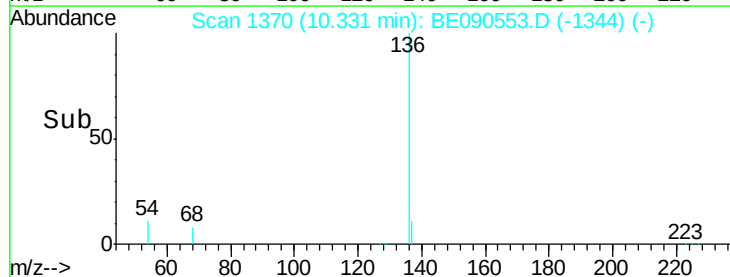
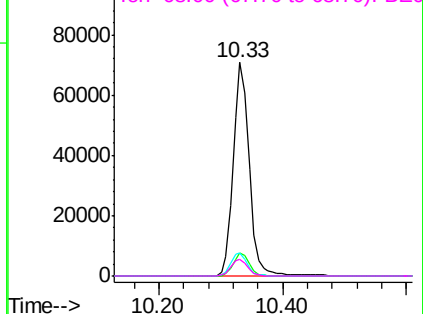
137 10.9 8.7 13.1

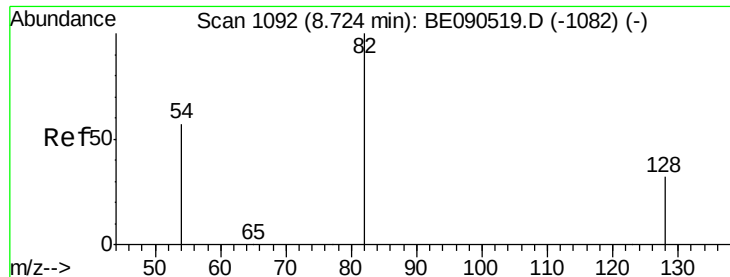
54 10.7 9.4 14.0

68 7.9 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.98 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

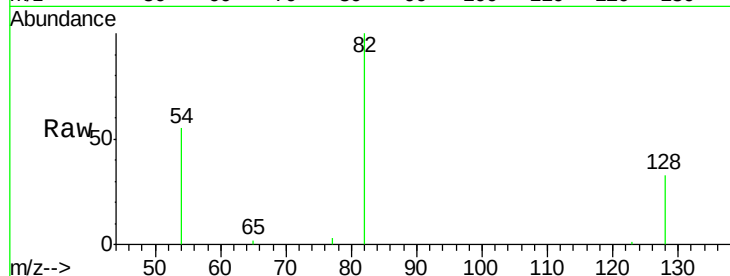
Tgt Ion: 82 Resp: 9822

Ion Ratio Lower Upper

82 100

128 33.2 25.0 37.6

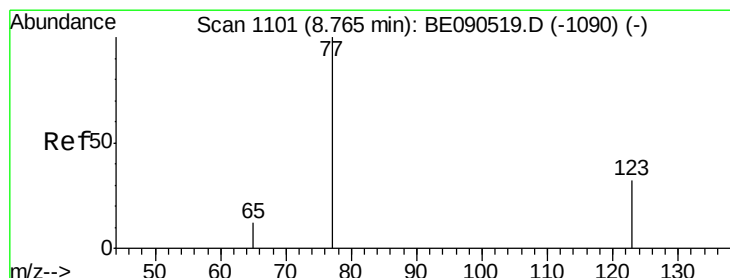
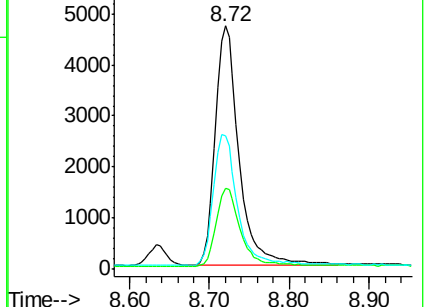
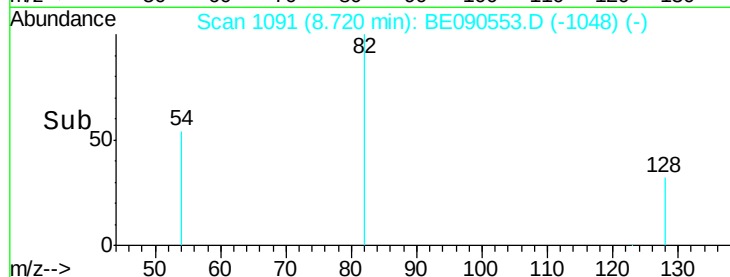
54 55.0 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.98 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

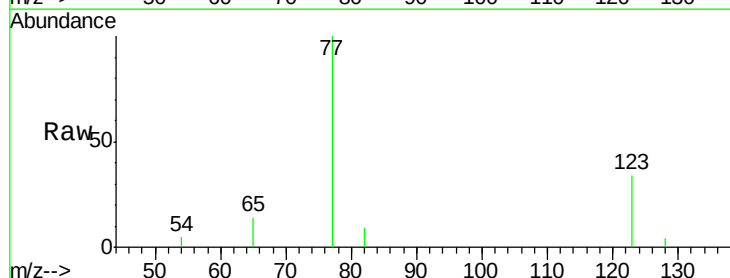
Tgt Ion: 77 Resp: 10175

Ion Ratio Lower Upper

77 100

123 33.6 25.1 37.7

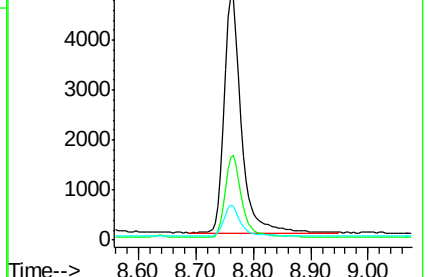
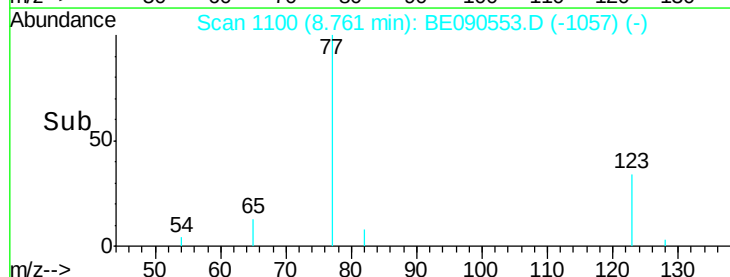
65 12.1 9.3 13.9

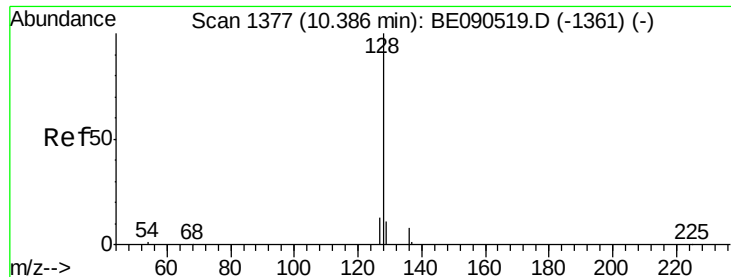


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

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SSTDCCC001

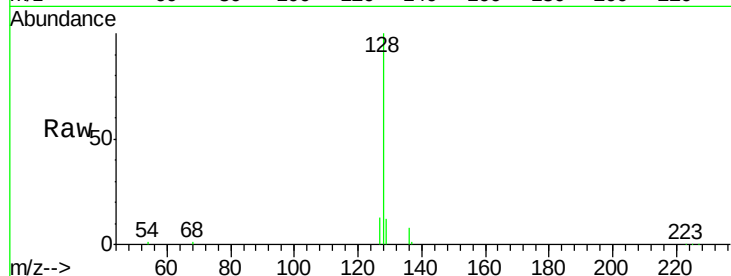
Tgt Ion:128 Resp: 27862

Ion Ratio Lower Upper

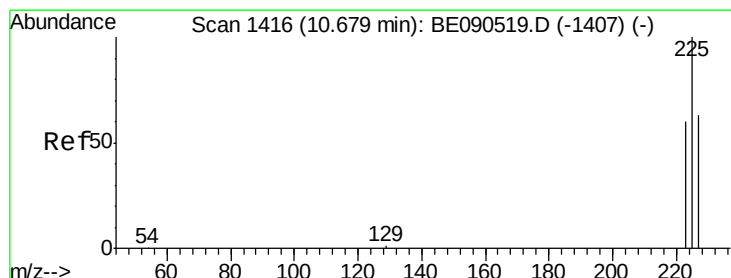
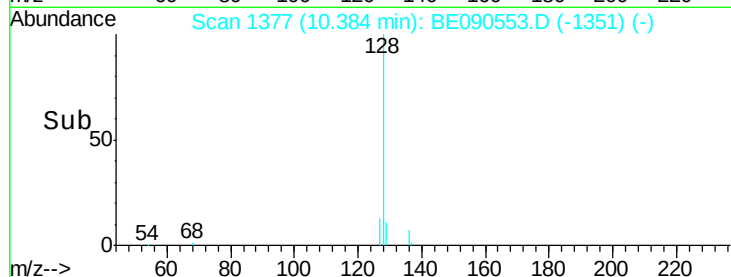
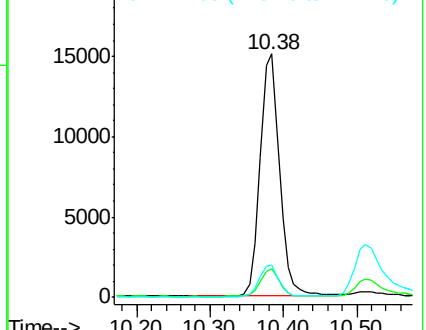
128 100

129 11.6 9.8 14.6

127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.98 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

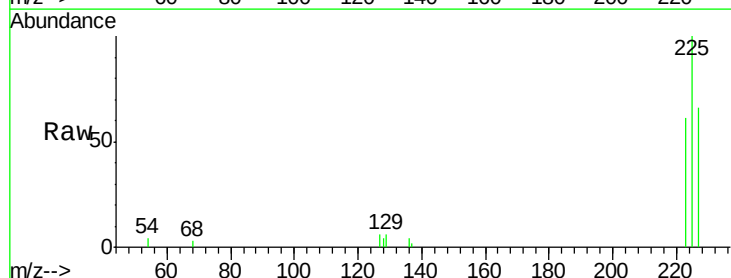
Tgt Ion:225 Resp: 4103

Ion Ratio Lower Upper

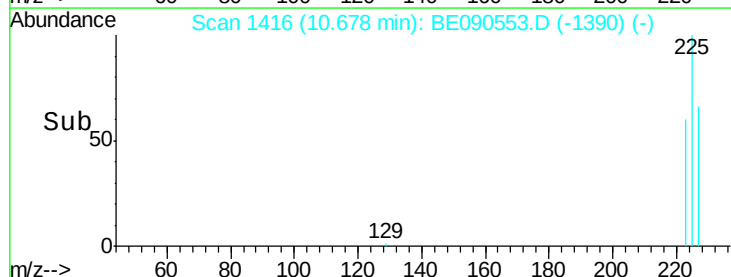
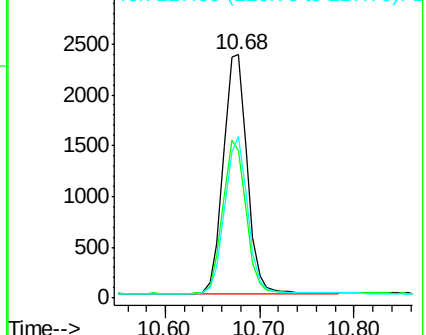
225 100

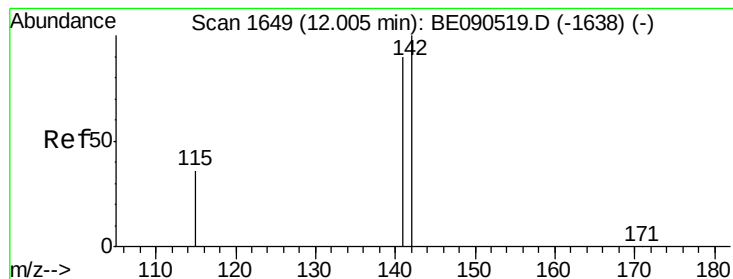
223 62.9 50.6 75.8

227 63.2 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.00 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090553.D

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Instrument :

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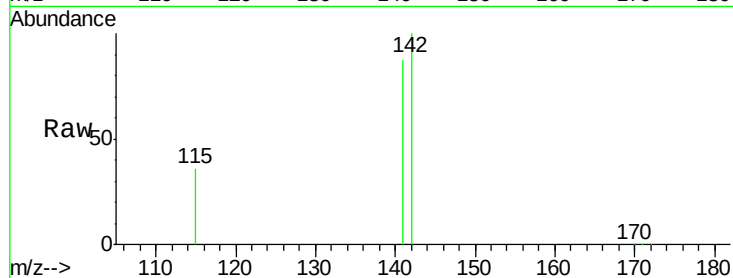
Tgt Ion:142 Resp: 18661

Ion Ratio Lower Upper

142 100

141 87.3 72.6 109.0

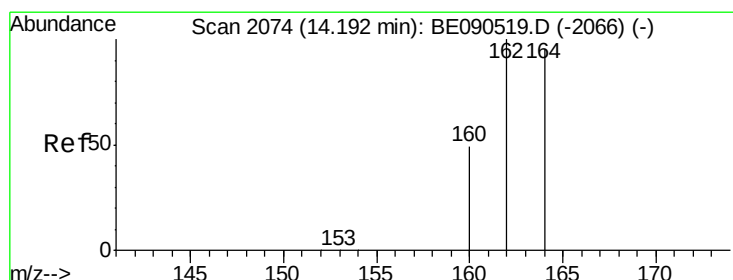
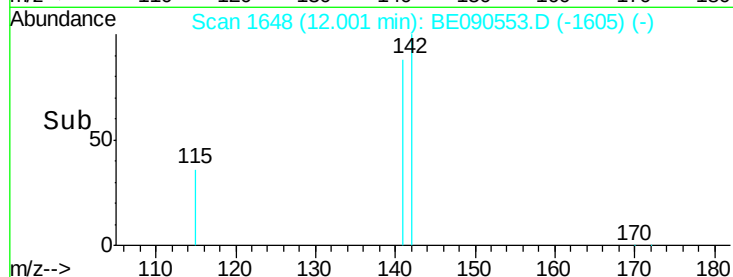
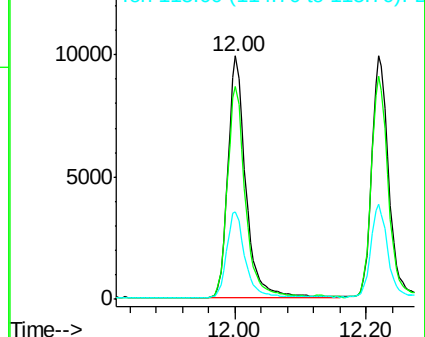
115 36.2 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

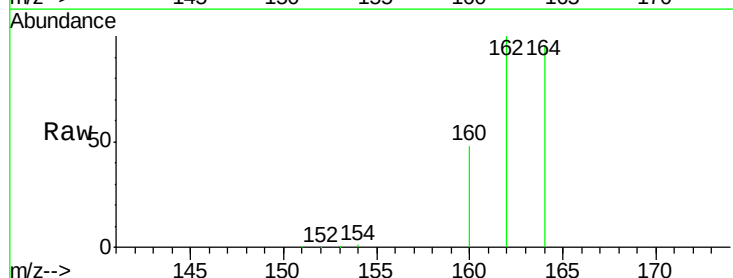
Tgt Ion:164 Resp: 68929

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.8

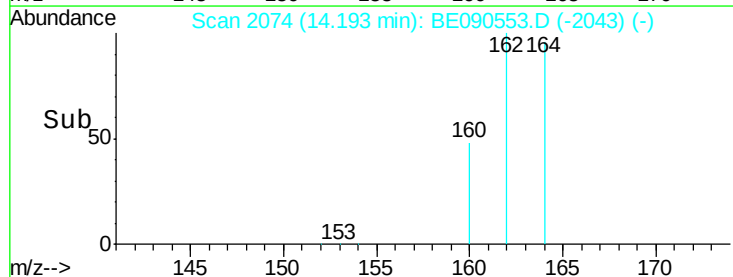
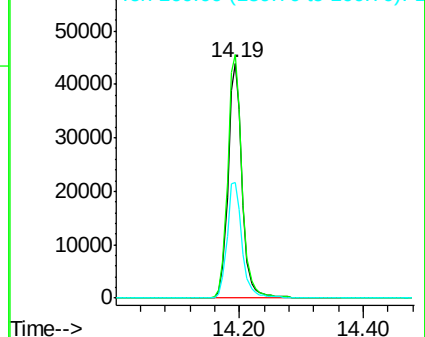
160 49.5 44.2 66.4

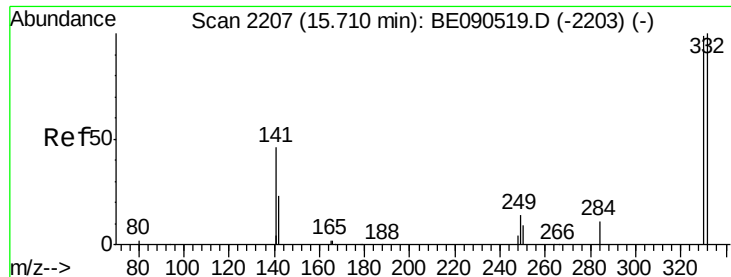


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

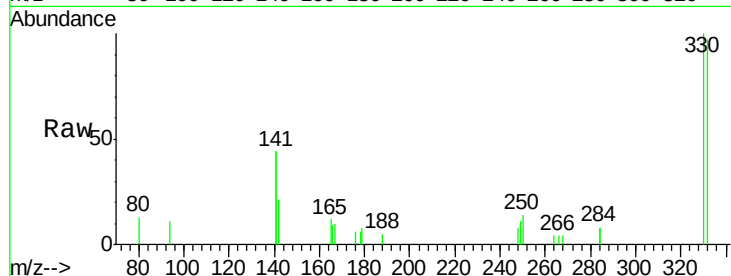




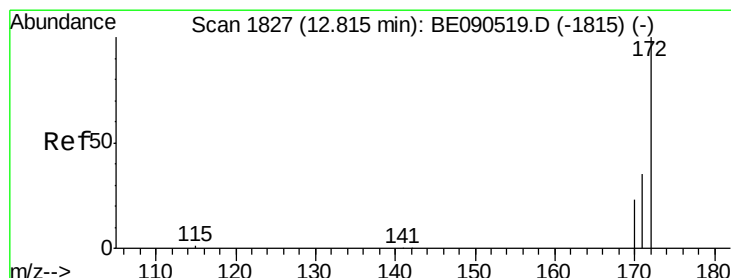
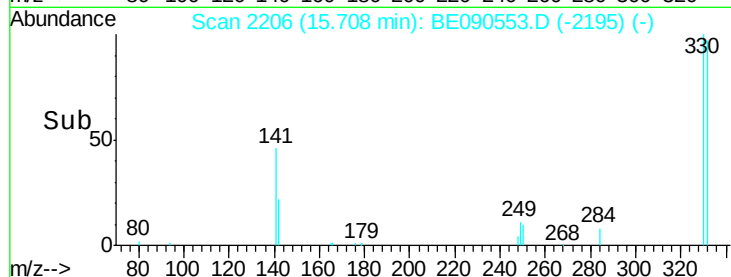
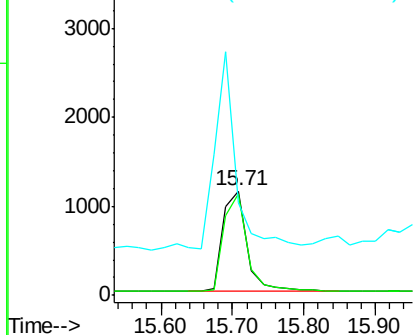
#13
 2,4,6-Tribromophenol
 Concen: 1.01 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 2666
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 180.3 114.4 171.6#

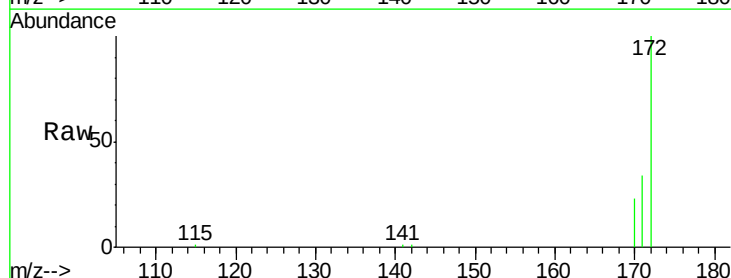


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

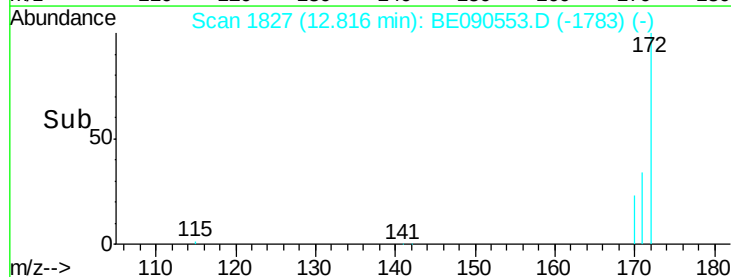
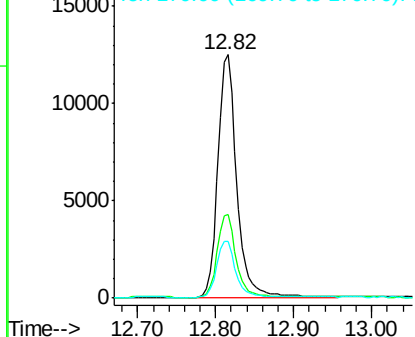


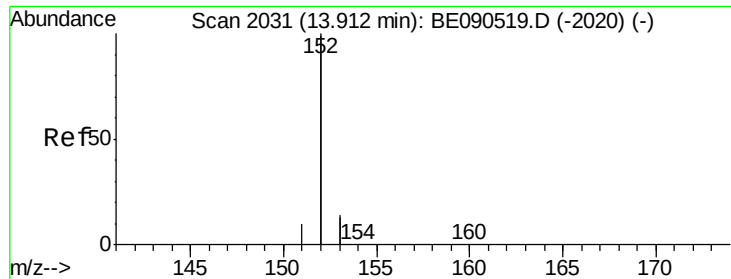
#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

Tgt Ion: 172 Resp: 20768
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.3 19.8 29.8



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: 1.00 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

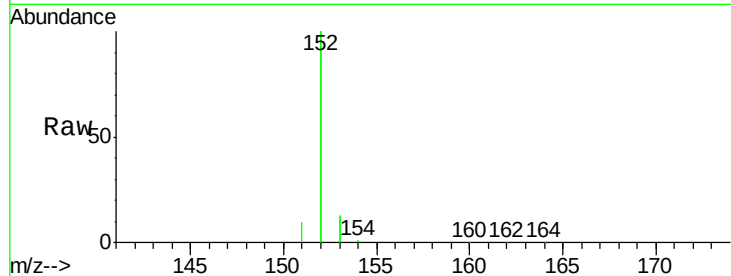
Tgt Ion:152 Resp: 126201

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

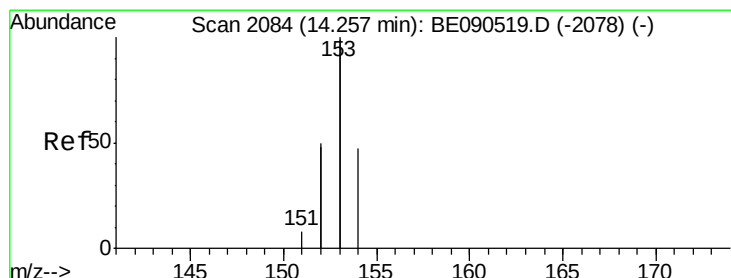
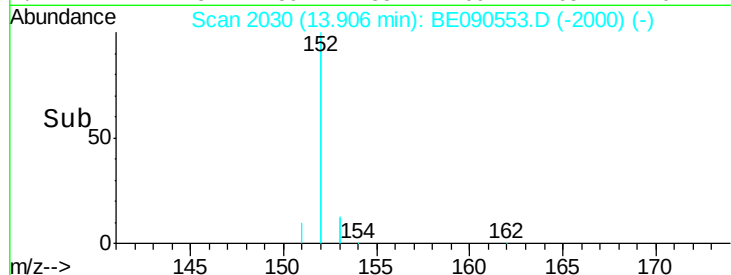
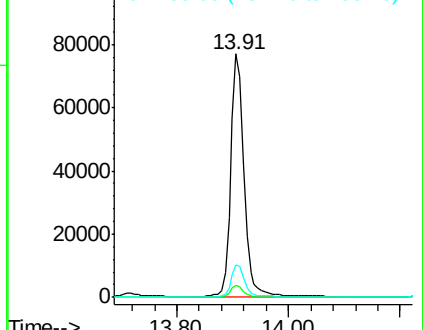
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.99 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

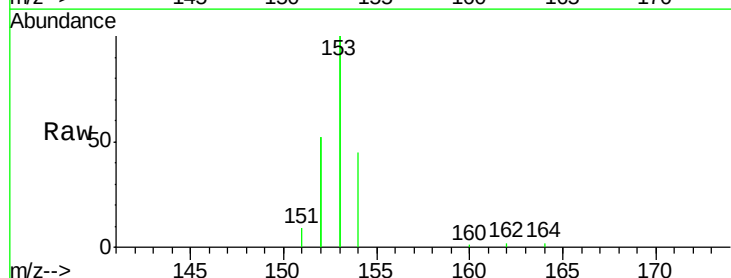
Tgt Ion:154 Resp: 18689

Ion Ratio Lower Upper

154 100

153 435.4 376.2 564.2

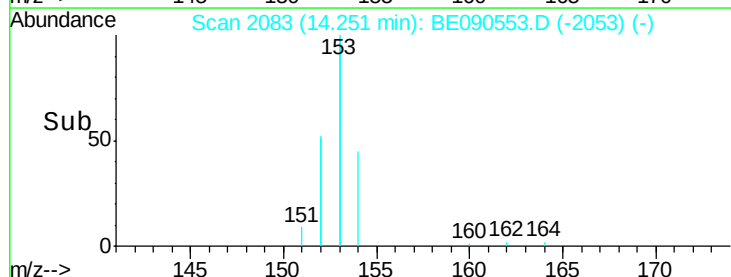
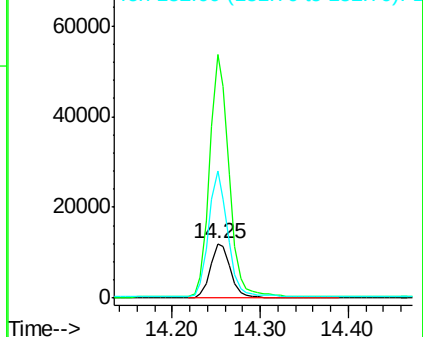
152 224.5 235.0 352.4#

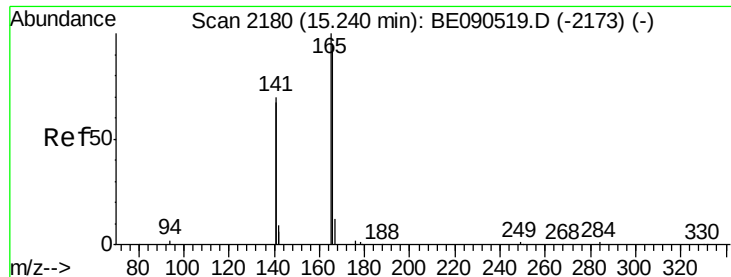


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

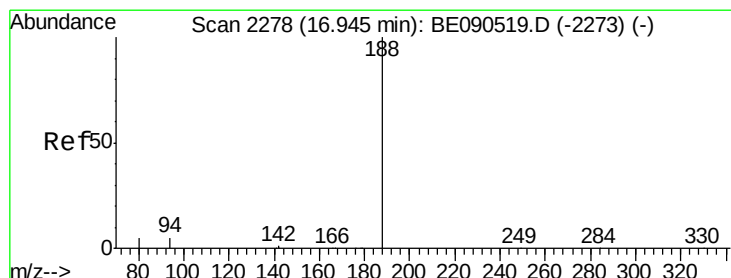
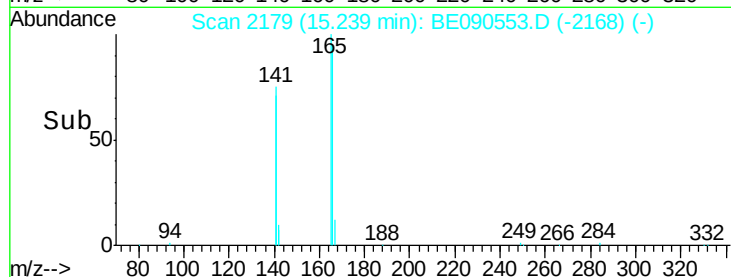
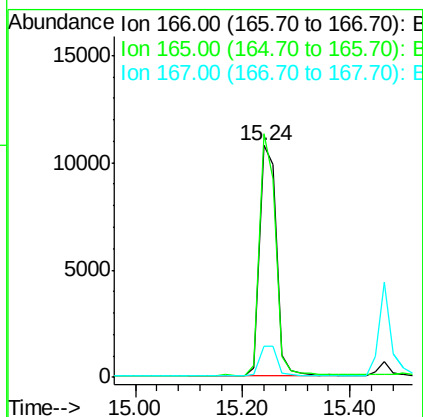
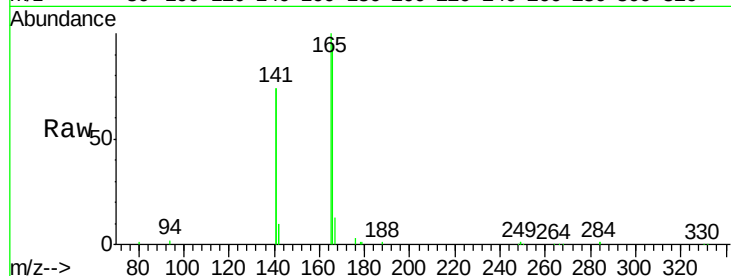




#17
Fluorene
 Concen: 1.02 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

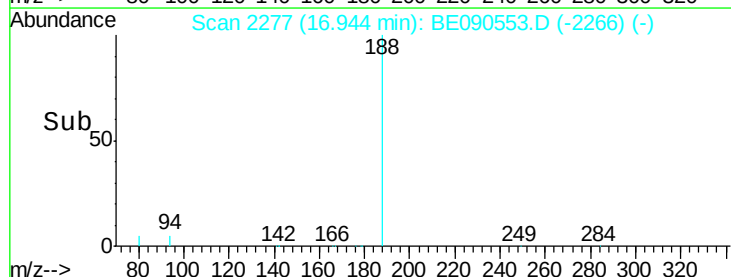
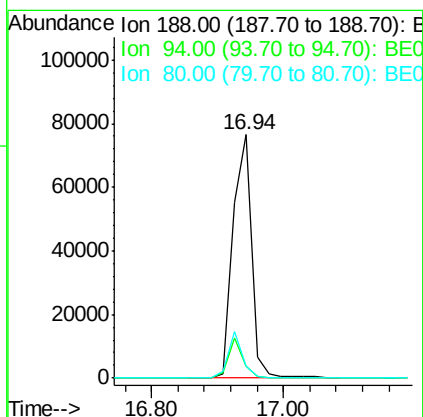
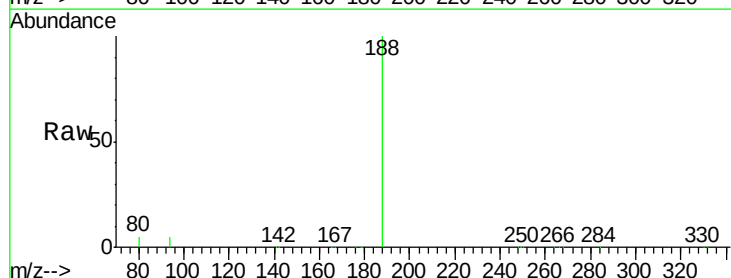
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

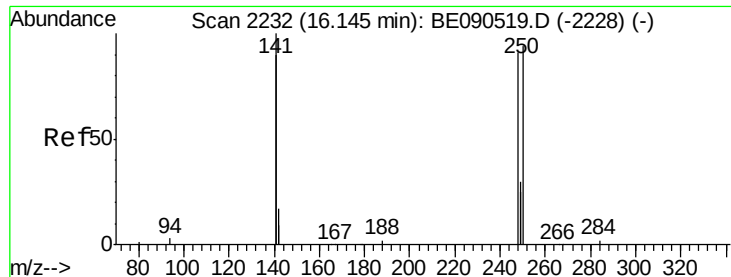
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.5	122.3
167	13.6	11.4	17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.1	5.8	8.8#





#19

4-Bromophenyl-phenylether

Concen: 1.03 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

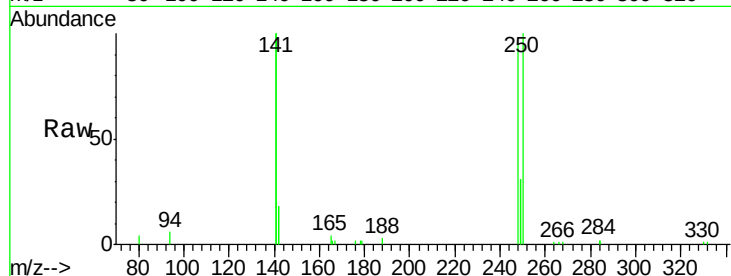
Tgt Ion:248 Resp: 6271

Ion Ratio Lower Upper

248 100

250 98.8 79.0 118.6

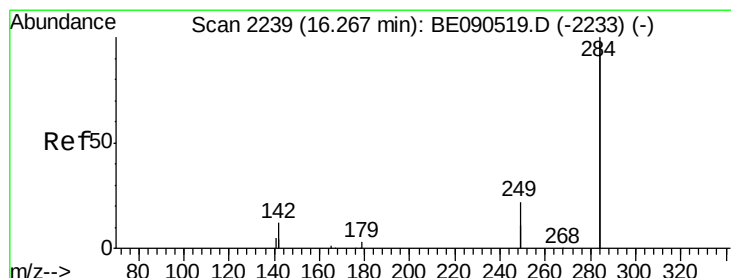
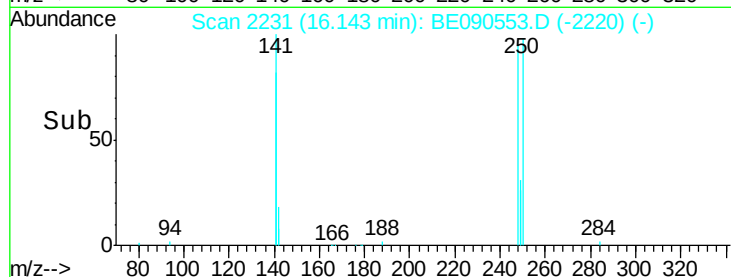
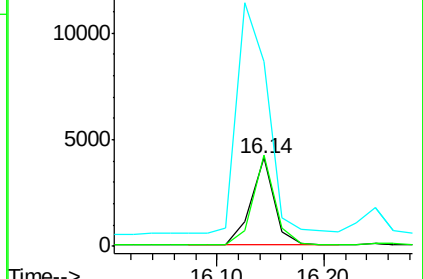
141 346.2 239.5 359.3



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: 1.00 ng

RT: 16.27 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

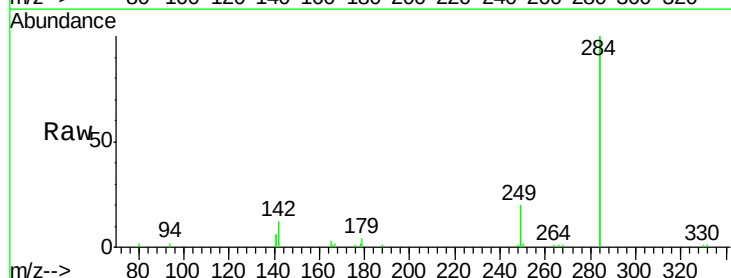
Tgt Ion:284 Resp: 27113

Ion Ratio Lower Upper

284 100

142 40.8 30.1 45.1

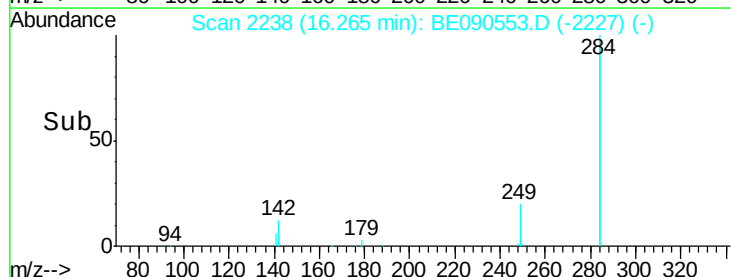
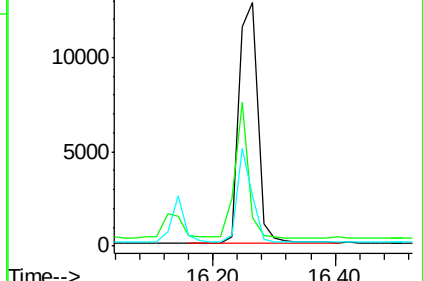
249 31.0 25.7 38.5

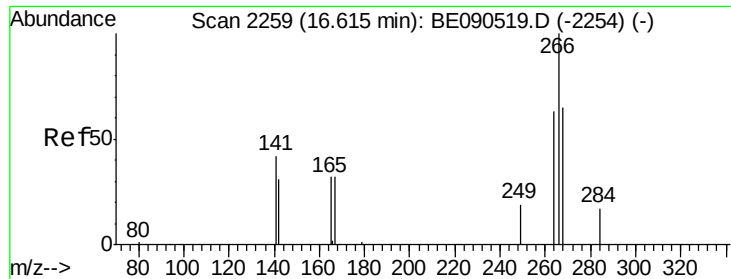


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

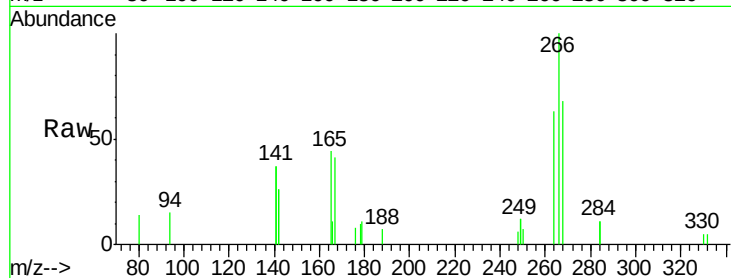




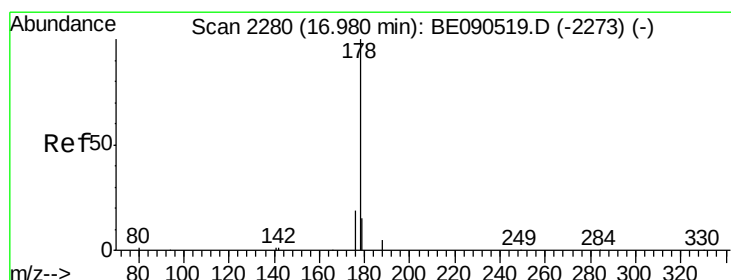
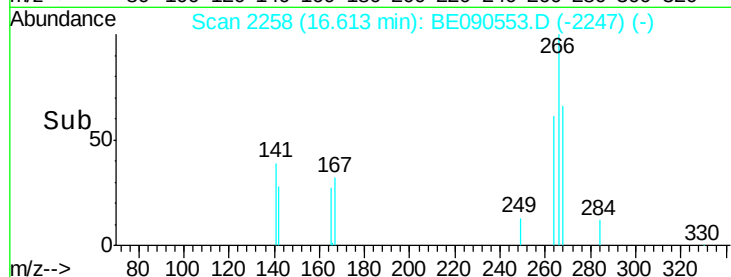
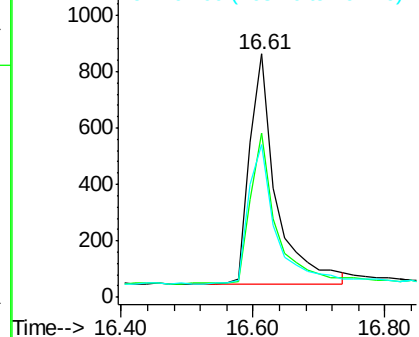
#21
 Pentachlorophenol
 Concen: 0.96 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 266 Resp: 2276
 Ion Ratio Lower Upper
 266 100
 268 67.6 58.5 87.7
 264 62.9 56.0 84.0

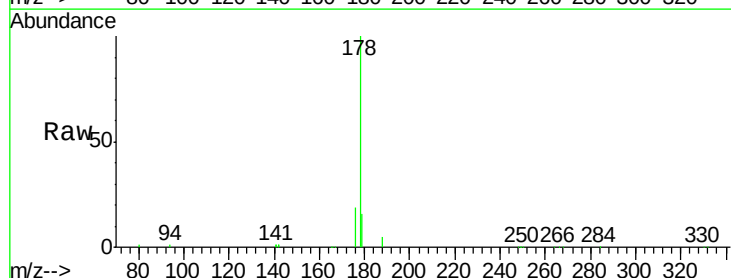


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

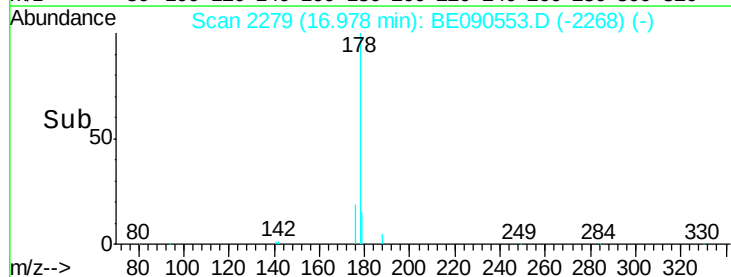
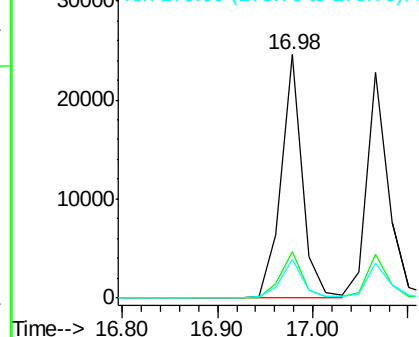


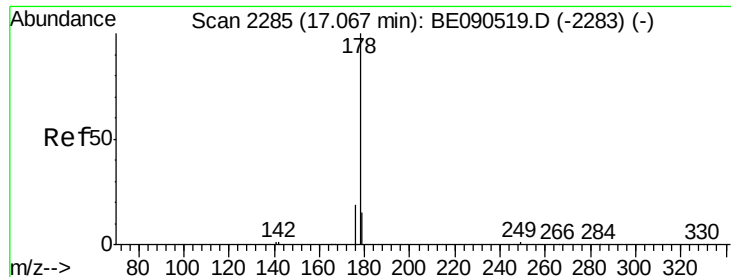
#22
 Phenanthrene
 Concen: 0.95 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

Tgt Ion: 178 Resp: 37295
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.99 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

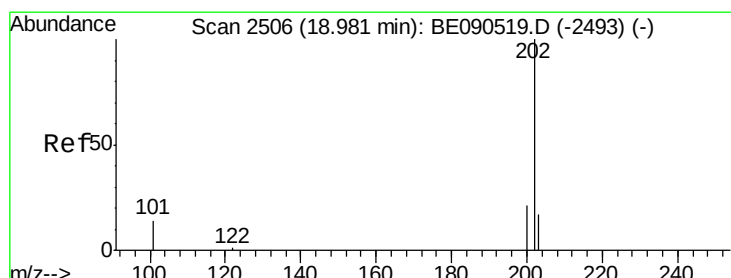
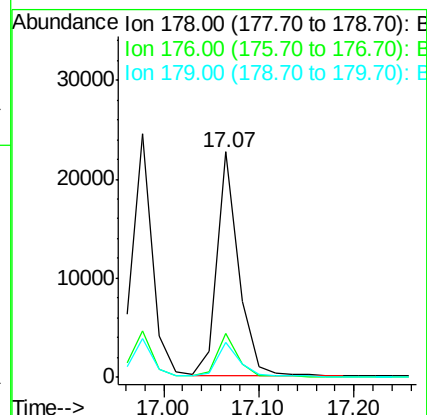
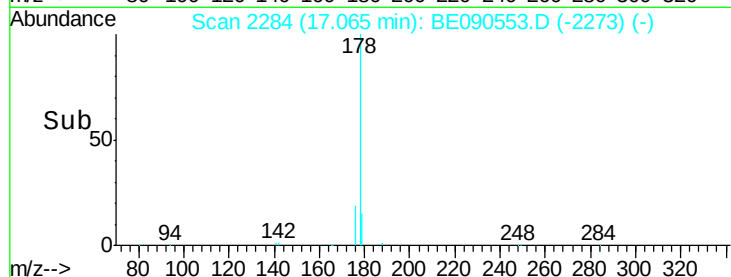
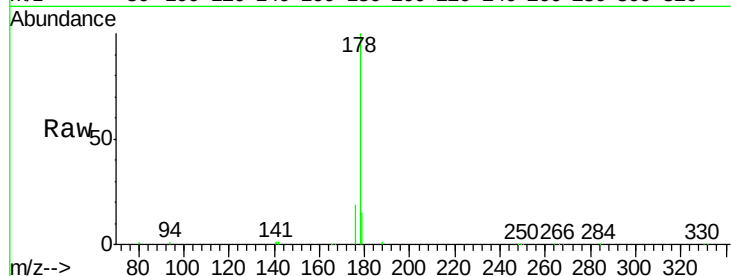
Tgt Ion:178 Resp: 35720

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.2 12.2 18.4



#24

Fluoranthene

Concen: 0.98 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

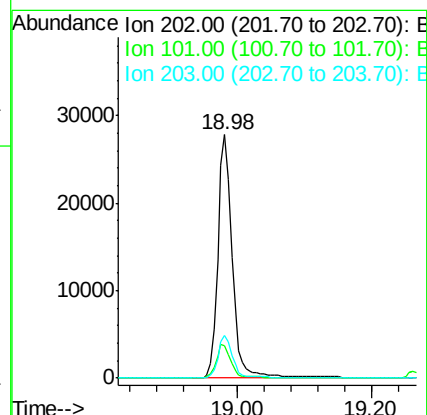
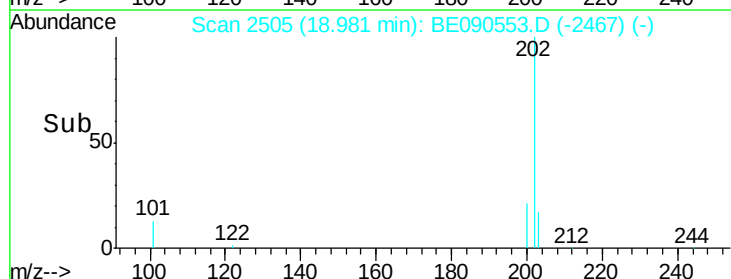
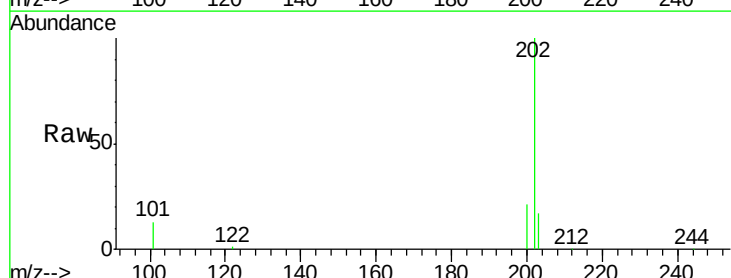
Tgt Ion:202 Resp: 40844

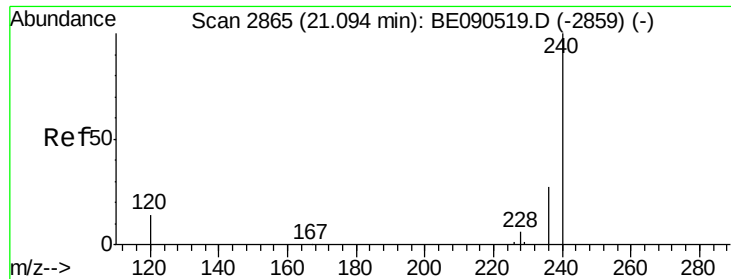
Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

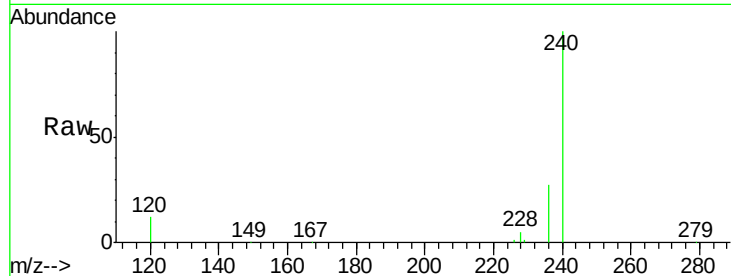
Tgt Ion:240 Resp: 145511

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

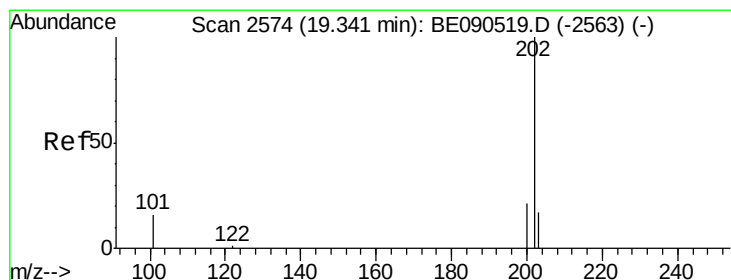
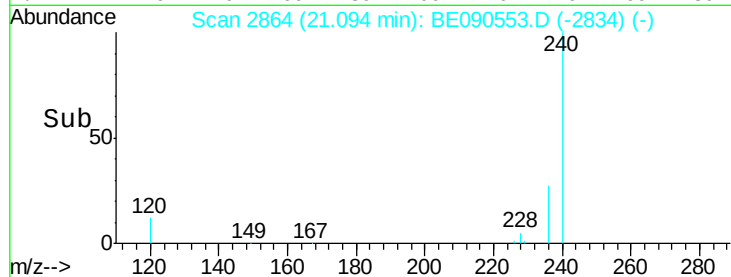
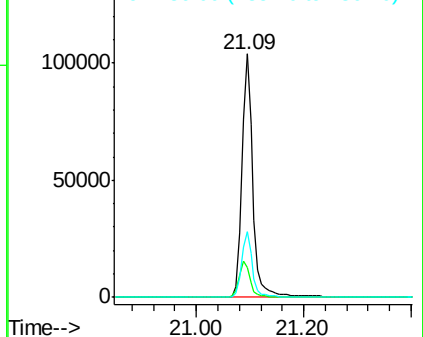
236 26.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.01 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

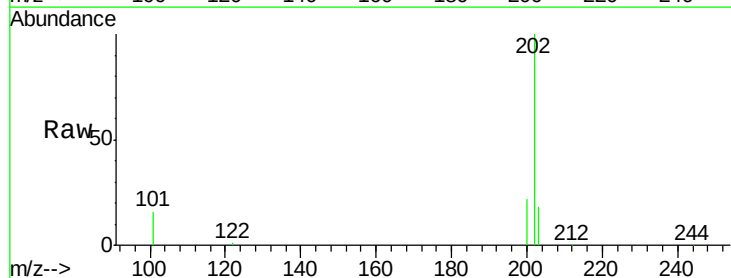
Tgt Ion:202 Resp: 42229

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

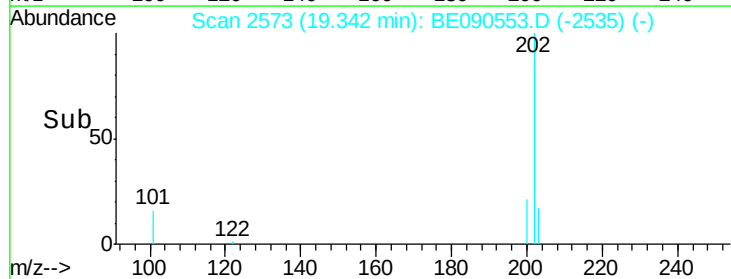
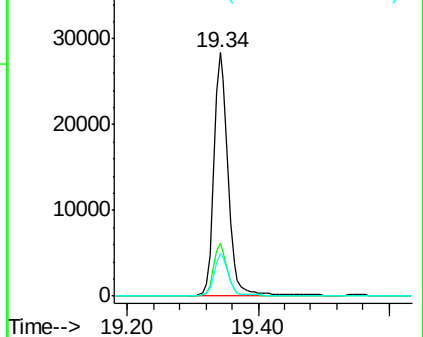
203 17.3 13.8 20.8

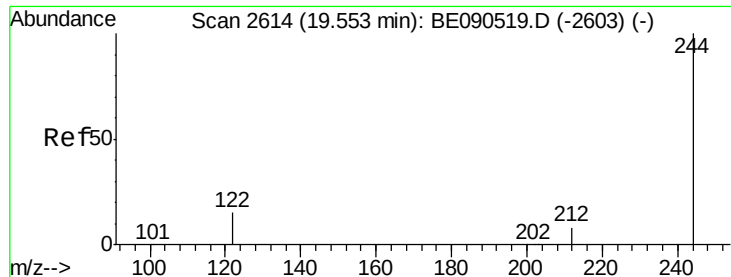


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

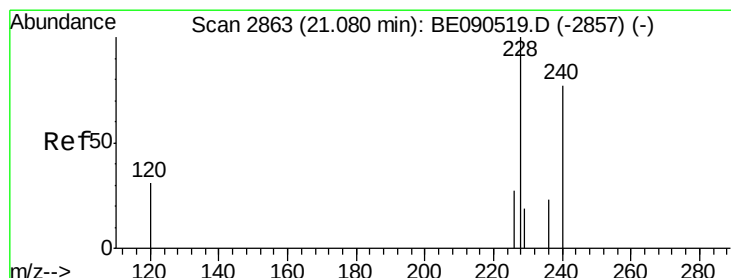
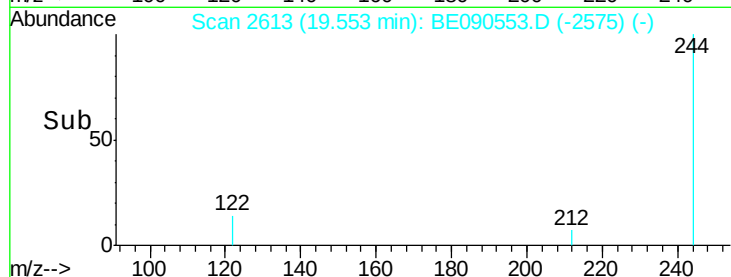
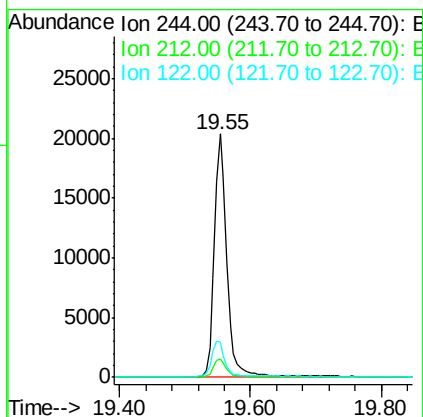
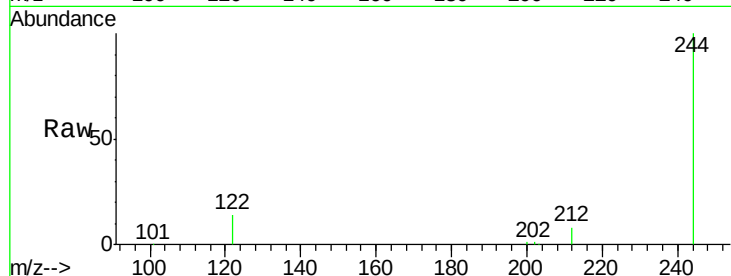




#27
 Terphenyl-d14
 Concen: 1.03 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

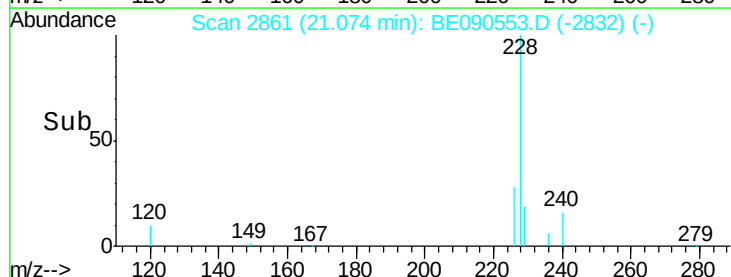
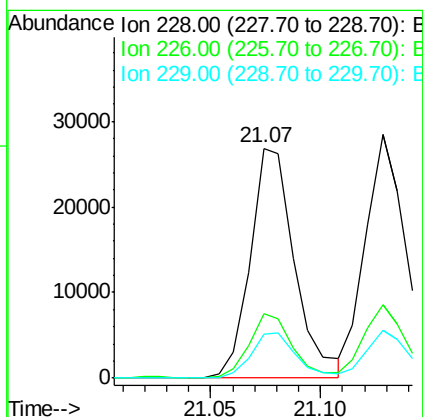
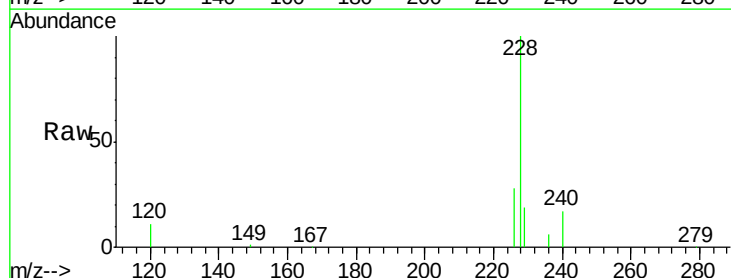
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

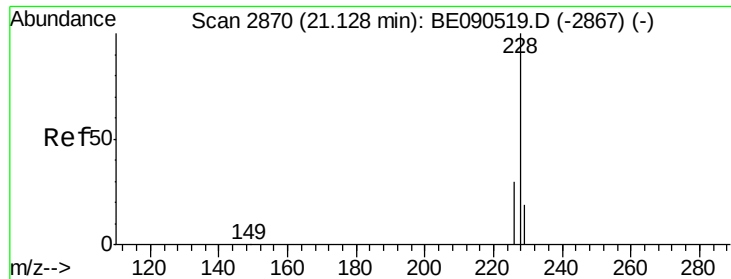
Tgt Ion: 244 Resp: 27362
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 14.4 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE090553.D
 Acq: 18 Aug 2015 13:50

Tgt Ion: 228 Resp: 37652
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.9 32.9
 229 18.9 15.4 23.0





#29

Chrysene

Concen: 1.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

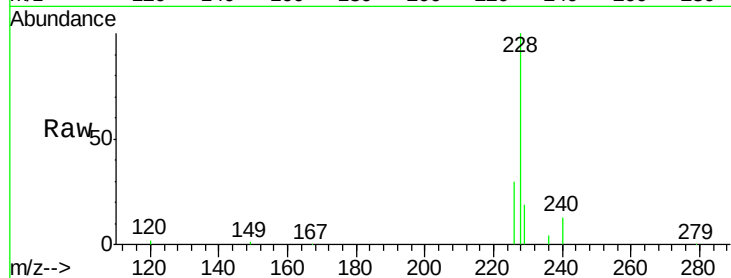
Tgt Ion:228 Resp: 38969

Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

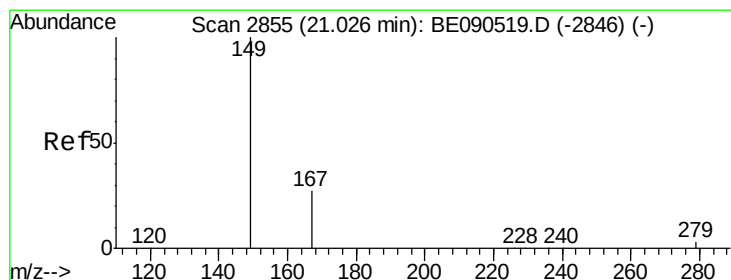
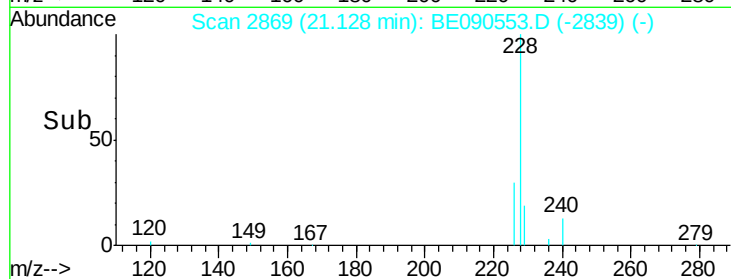
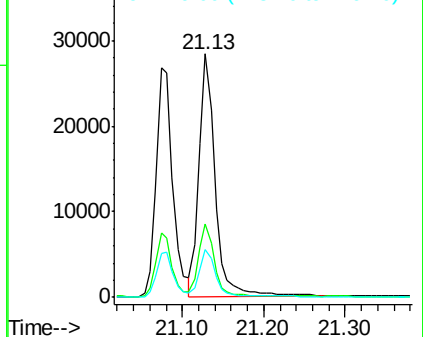
229 19.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.08 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

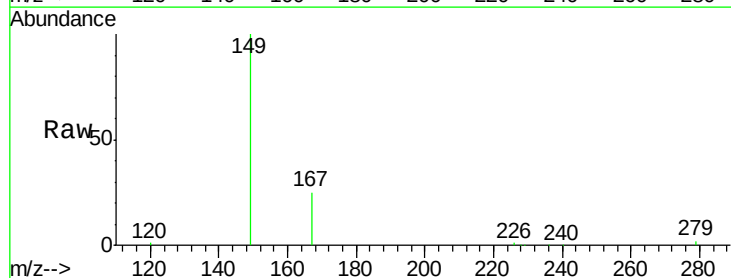
Tgt Ion:149 Resp: 22112

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

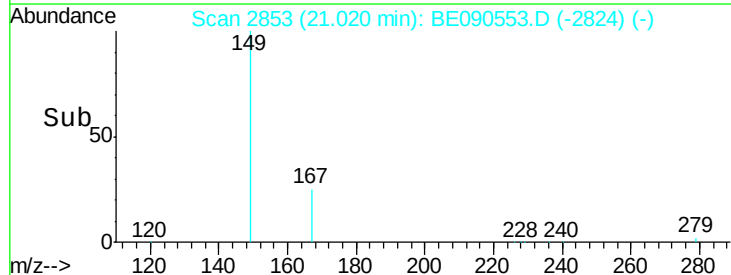
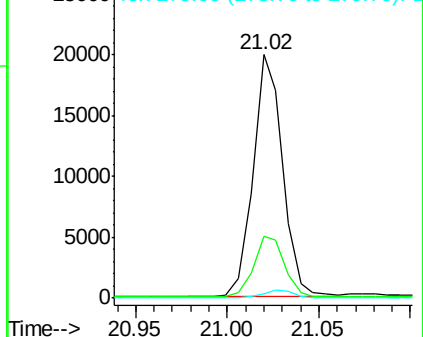
279 3.1 2.4 3.6

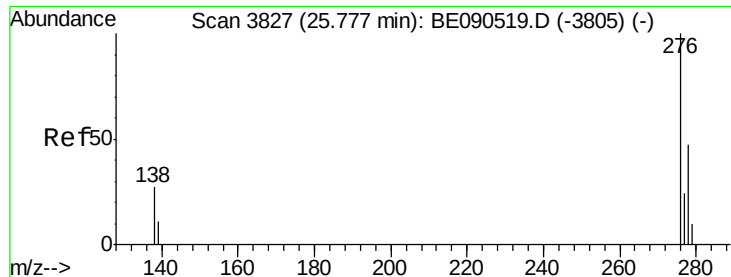


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.98 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

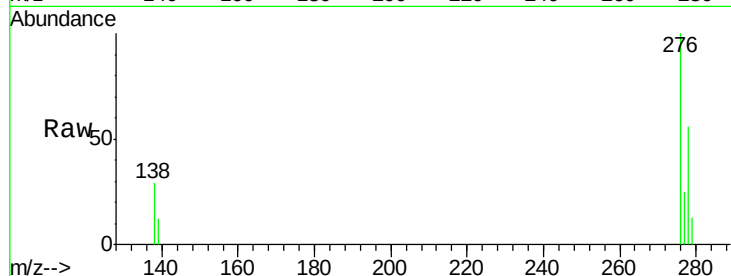
Tgt Ion:276 Resp: 36282

Ion Ratio Lower Upper

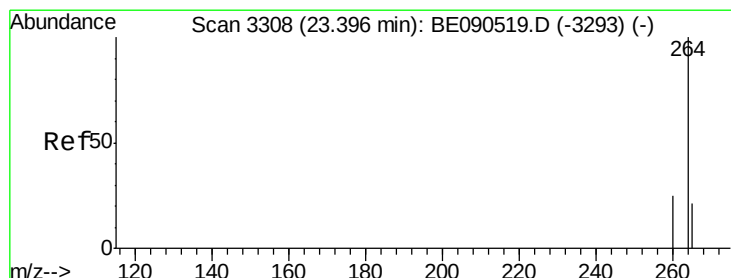
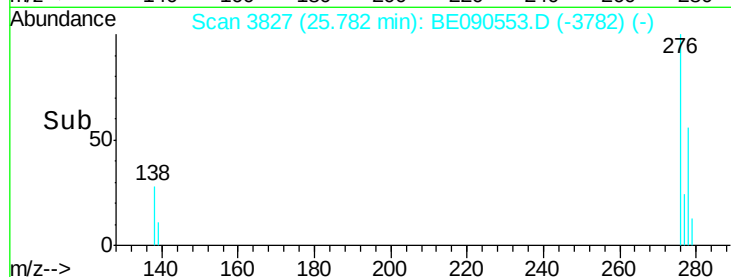
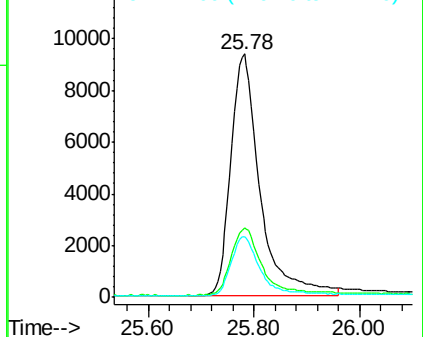
276 100

138 28.9 18.8 28.2#

277 24.9 18.2 27.4



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: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

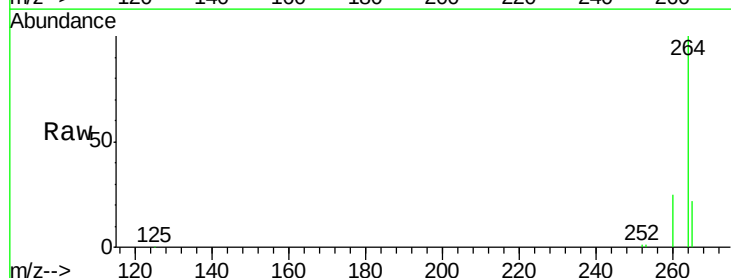
Tgt Ion:264 Resp: 134154

Ion Ratio Lower Upper

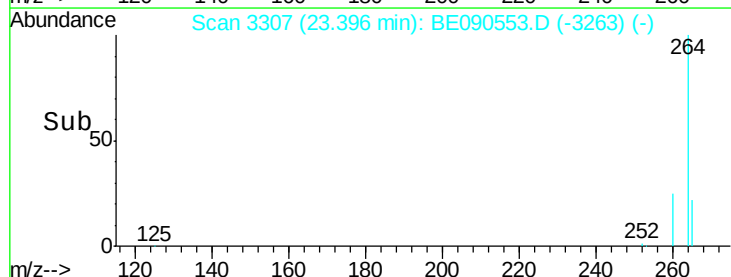
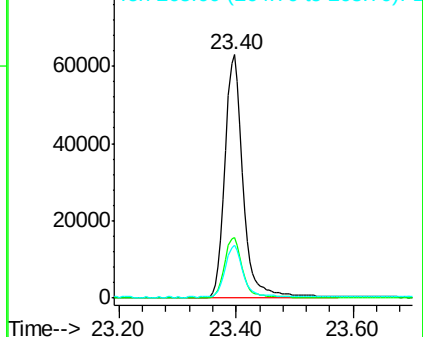
264 100

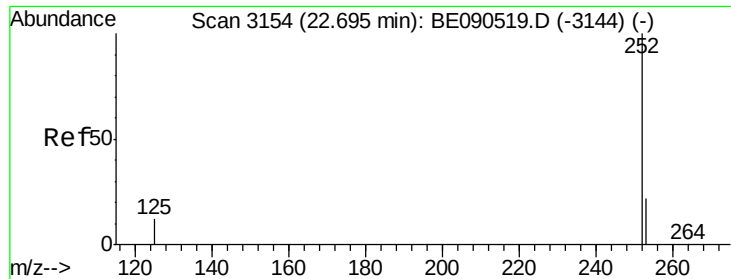
260 24.9 20.1 30.1

265 21.9 17.2 25.8



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: 1.00 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

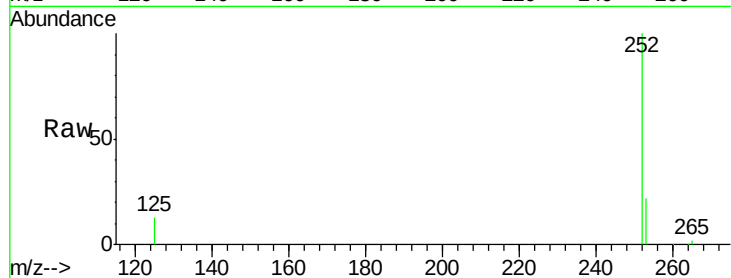
Tgt Ion:252 Resp: 31874

Ion Ratio Lower Upper

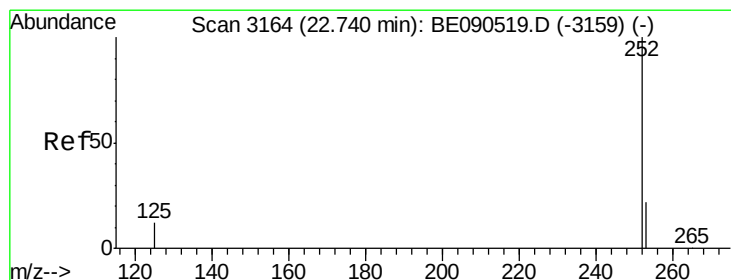
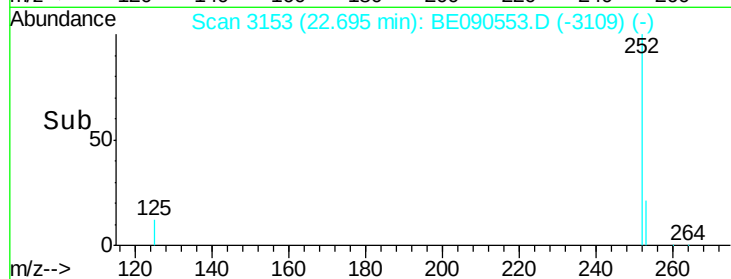
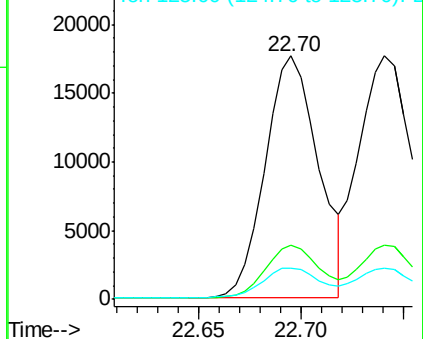
252 100

253 22.2 18.1 27.1

125 12.9 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 1.02 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

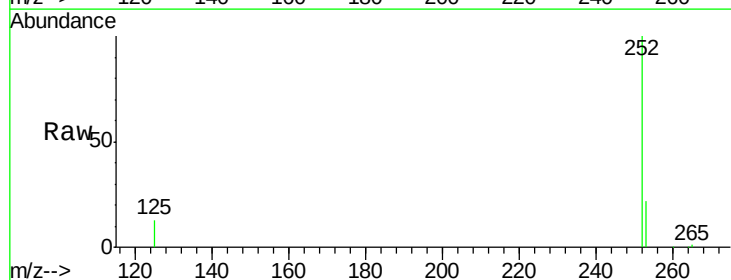
Tgt Ion:252 Resp: 36633

Ion Ratio Lower Upper

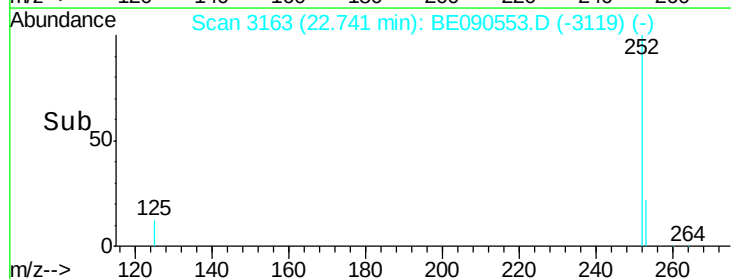
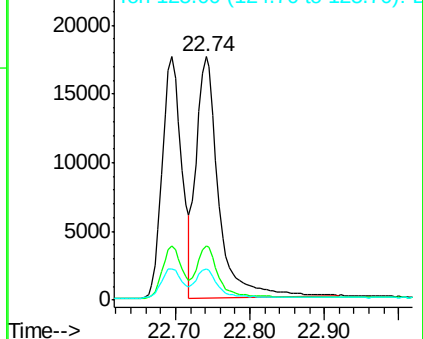
252 100

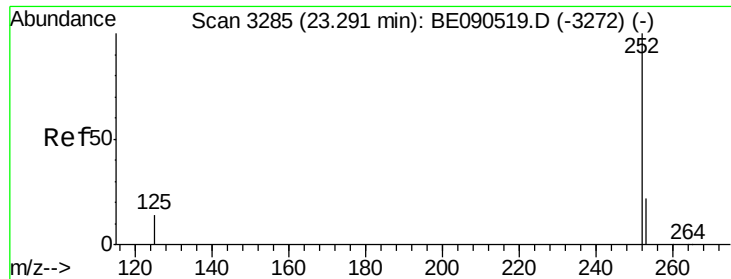
253 22.5 18.1 27.1

125 12.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

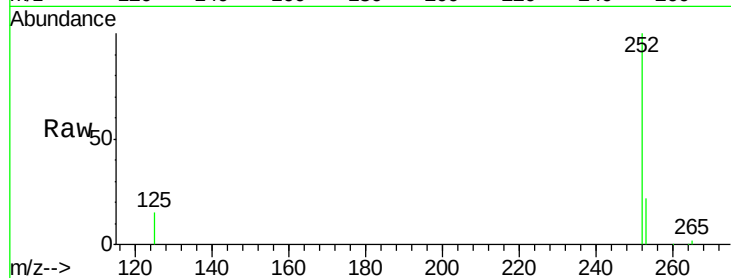
Tgt Ion:252 Resp: 29953

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

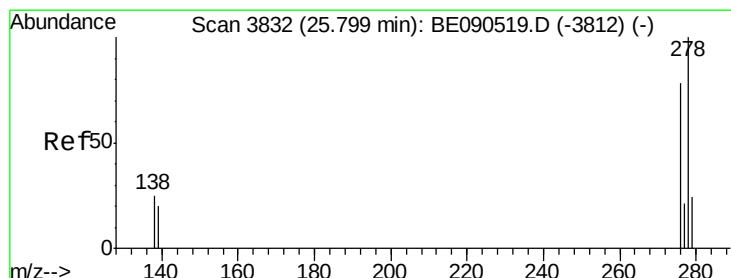
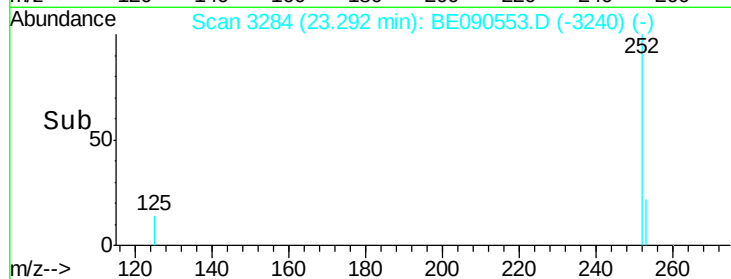
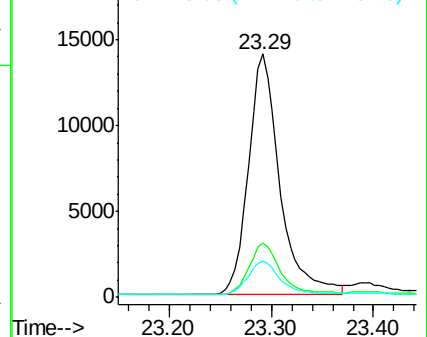
125 14.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.99 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE090553.D

Acq: 18 Aug 2015 13:50

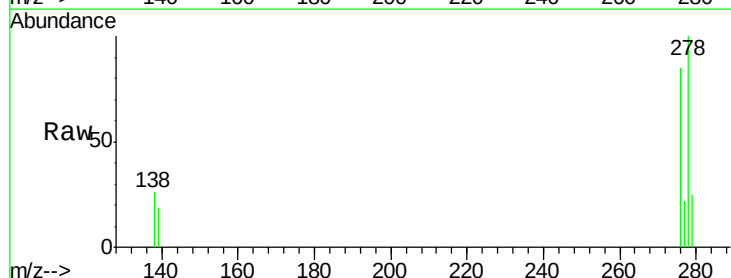
Tgt Ion:278 Resp: 28339

Ion Ratio Lower Upper

278 100

139 19.4 14.2 21.4

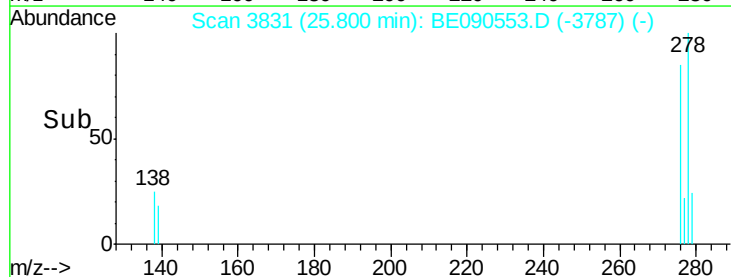
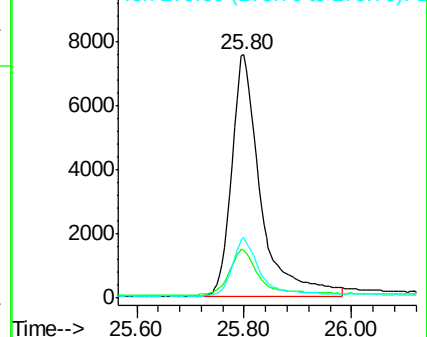
279 24.7 20.1 30.1

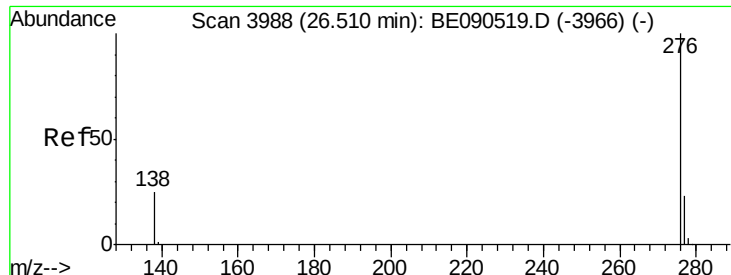


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 1.01 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.00 min

Lab File: BE090553.D

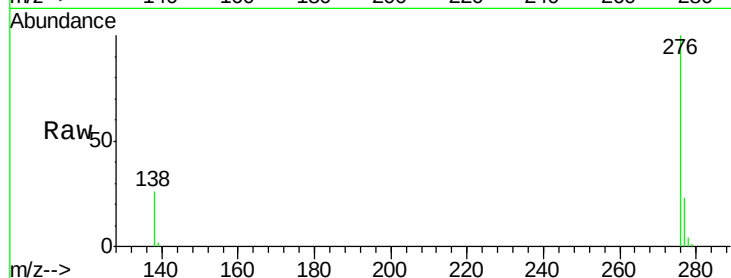
Acq: 18 Aug 2015 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



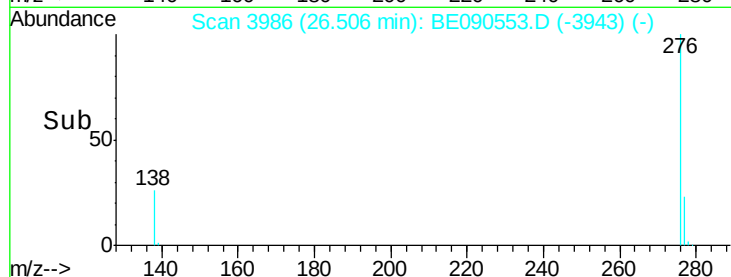
Tgt Ion: 276 Resp: 31641

Ion Ratio Lower Upper

276 100

277 23.3 20.1 30.1

138 26.5 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

