

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090167.D
 Acq On : 18 Jul 2015 4:46
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 18 07:01:31 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	7864	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	36026	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	19414	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	47702	5.00	ng	0.00
25) Chrysene-d12	21.11	240	55167	5.00	ng	0.00
32) Perylene-d12	23.43	264	55224	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1663	0.90	ng	0.00
5) Phenol-d6	6.79	99	2207	0.93	ng	0.00
7) Nitrobenzene-d5	8.75	82	2258	0.94	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	335	0.73	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	5568	0.97	ng	0.00
27) Terphenyl-d14	19.57	244	8757	0.95	ng	0.00

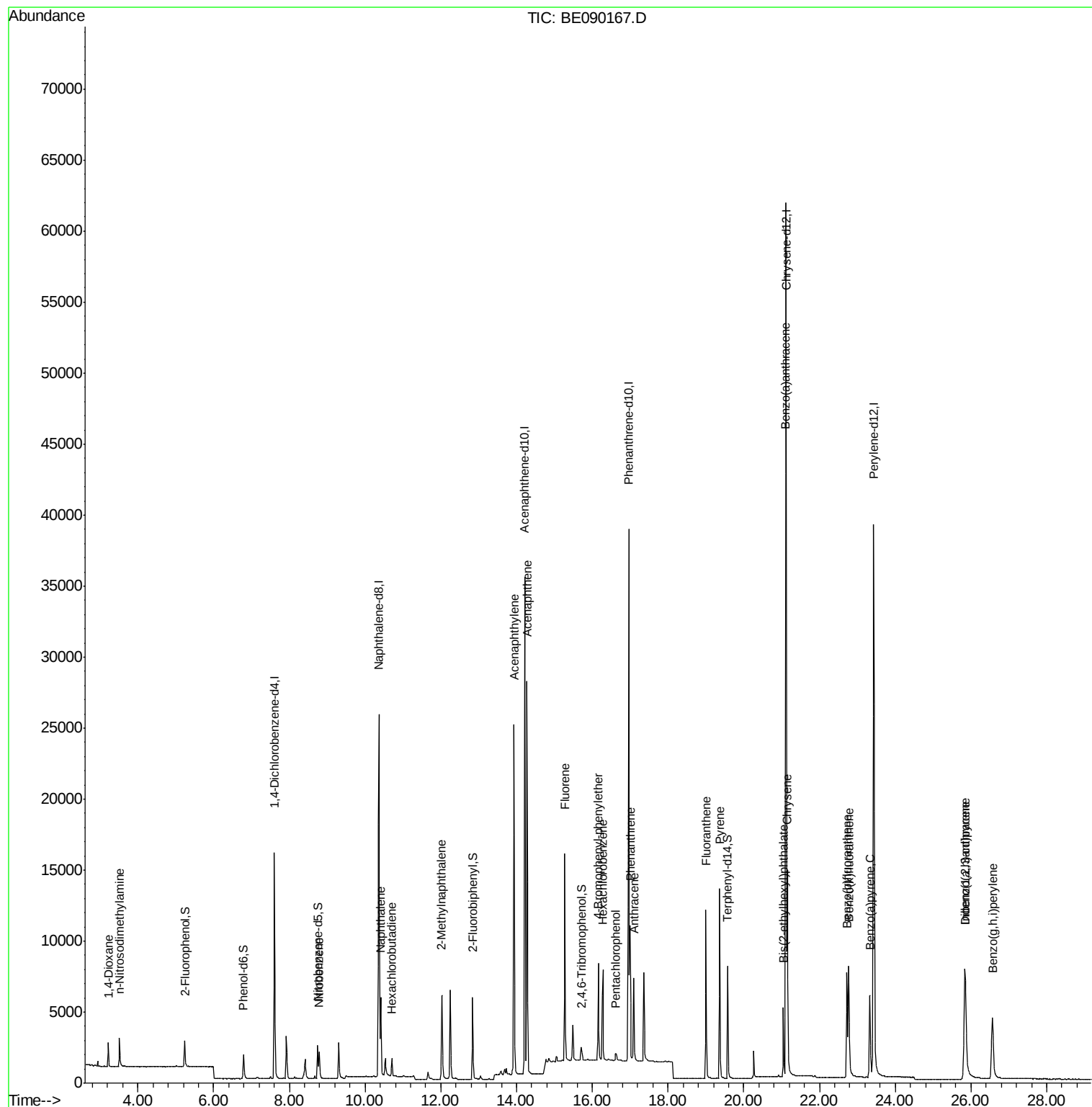
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	1022	1.18	ng	98
3) n-Nitrosodimethylamine	3.52	42	1440	1.03	ng	90
8) Nitrobenzene	8.79	77	2288	0.97	ng	97
9) Naphthalene	10.41	128	7567	0.98	ng	99
10) Hexachlorobutadiene	10.71	225	896	0.94	ng	99
11) 2-Methylnaphthalene	12.03	142	4847	0.93	ng	98
15) Acenaphthylene	13.93	152	33672	0.96	ng	100
16) Acenaphthene	14.28	154	4707	0.96	ng	94
17) Fluorene	15.27	166	6304	0.95	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	1699	0.96	ng	100
20) Hexachlorobenzene	16.28	284	6052	0.96	ng	97
21) Pentachlorophenol	16.63	266	413	0.79	ng	100
22) Phenanthrene	17.00	178	10734	1.00	ng	99
23) Anthracene	17.10	178	9674	0.97	ng	100
24) Fluoranthene	19.00	202	11571	0.96	ng	99
26) Pyrene	19.36	202	11978	0.96	ng	100
28) Benzo(a)anthracene	21.10	228	11581	0.92	ng	99
29) Chrysene	21.15	228	12348	0.97	ng	97
30) Bis(2-ethylhexyl)phthalate	21.05	149	4262	0.66	ng	98
31) Indeno(1,2,3-cd)pyrene	25.83	276	12876	0.86	ng	99
33) Benzo(b)fluoranthene	22.73	252	10726	0.93	ng	99
34) Benzo(k)fluoranthene	22.77	252	12353	0.94	ng	100
35) Benzo(a)pyrene	23.32	252	9948	0.89	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	10189	0.87	ng	98
37) Benzo(g,h,i)perylene	26.57	276	11024	0.91	ng	97

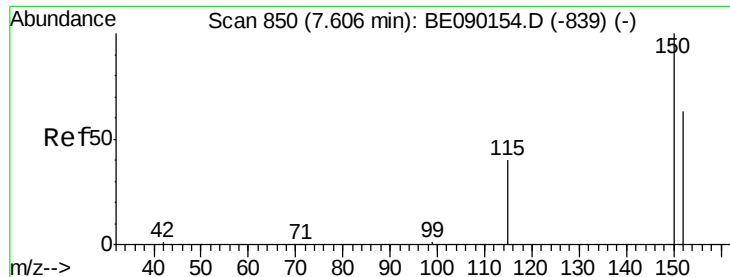
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

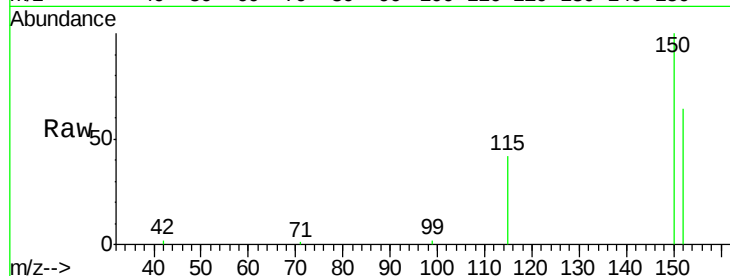
Tgt Ion: 152 Resp: 7864

Ion Ratio Lower Upper

152 100

150 156.4 127.2 190.8

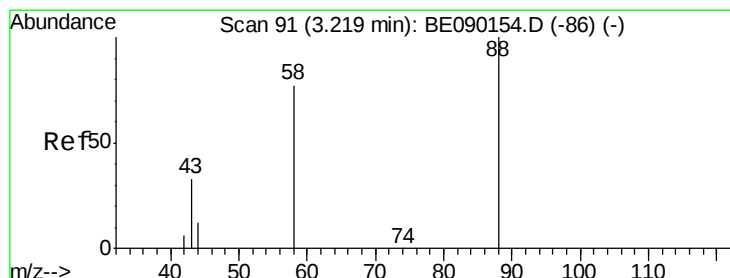
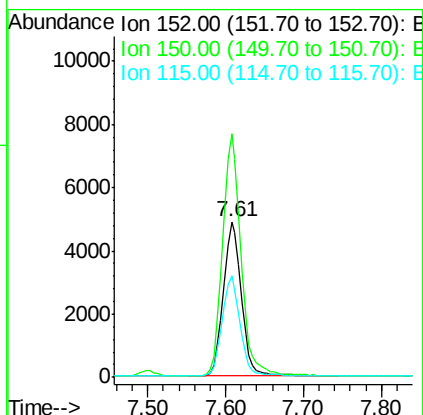
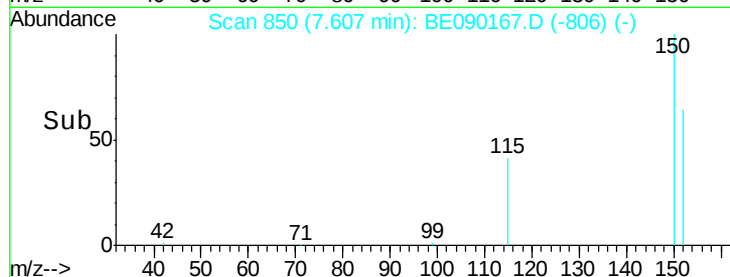
115 65.2 51.6 77.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.18 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.01 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

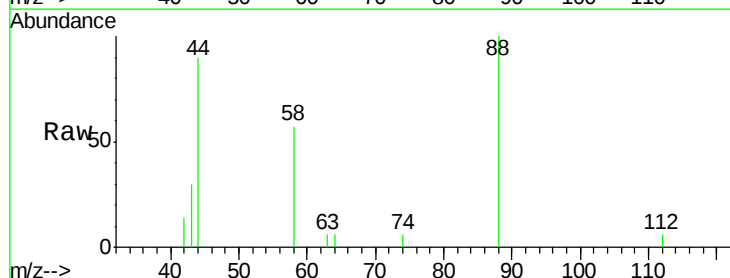
Tgt Ion: 88 Resp: 1022

Ion Ratio Lower Upper

88 100

58 70.7 58.2 87.2

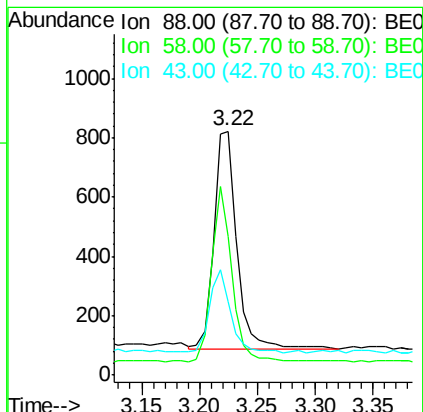
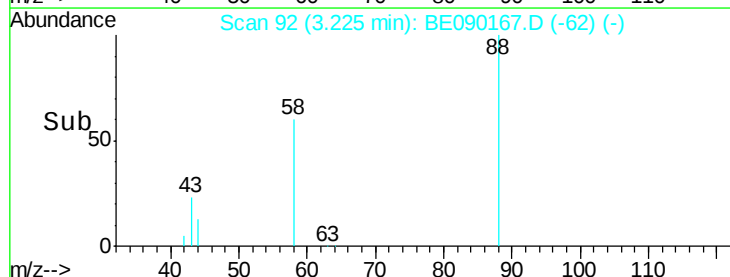
43 34.6 27.7 41.5

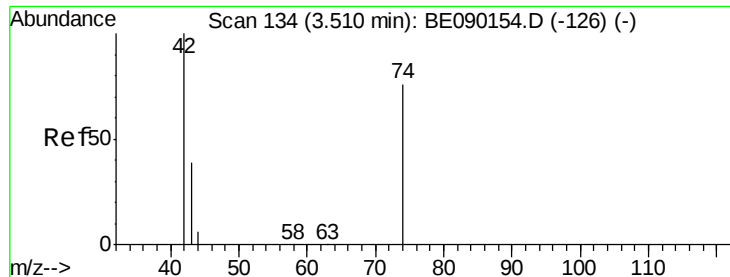


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.03 ng

RT: 3.52 min Scan# 135

Delta R.T. 0.01 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

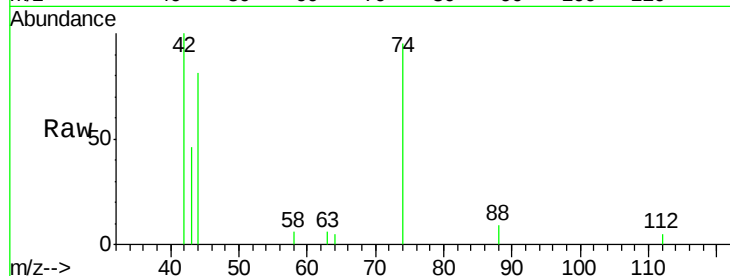
Tgt Ion: 42 Resp: 1440

Ion Ratio Lower Upper

42 100

74 92.4 82.2 123.4

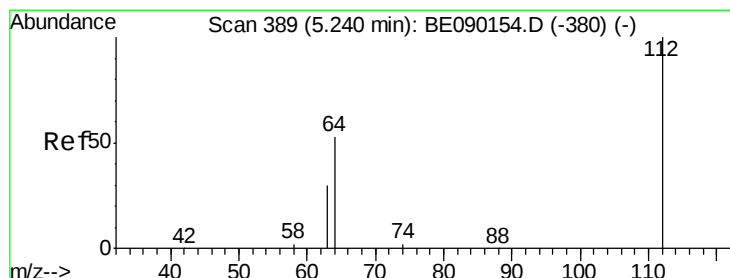
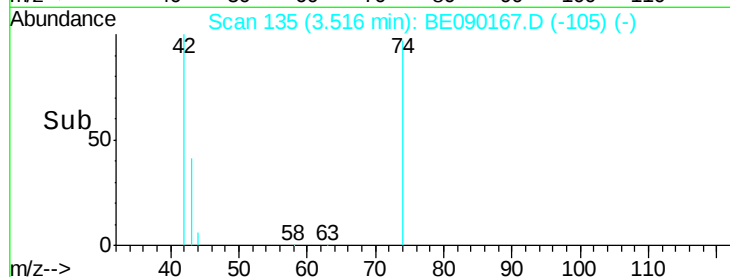
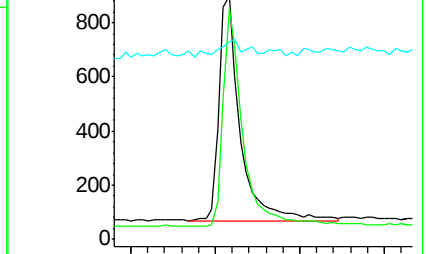
44 8.6 7.5 11.3



Abundance Ion 42.00 (41.70 to 42.70): BE090154.D (-126) (-)

Ion 74.00 (73.70 to 74.70): BE090154.D (-126) (-)

Ion 44.00 (43.70 to 44.70): BE090154.D (-126) (-)



#4

2-Fluorophenol

Concen: 0.90 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

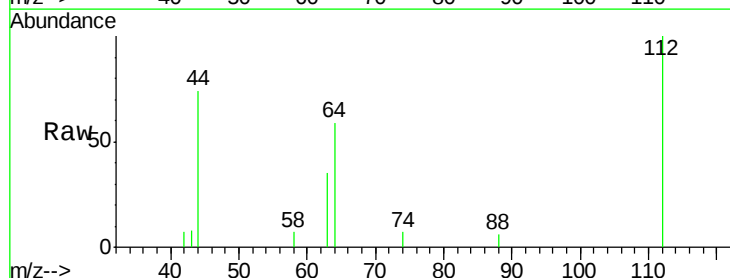
Tgt Ion: 112 Resp: 1663

Ion Ratio Lower Upper

112 100

64 60.3 46.7 70.1

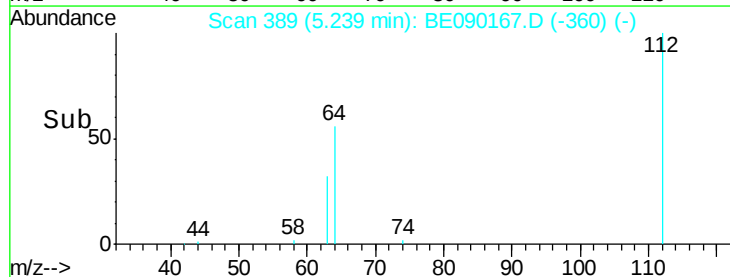
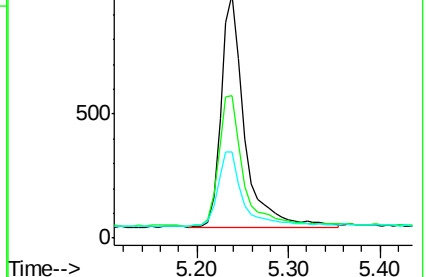
63 34.2 27.3 40.9

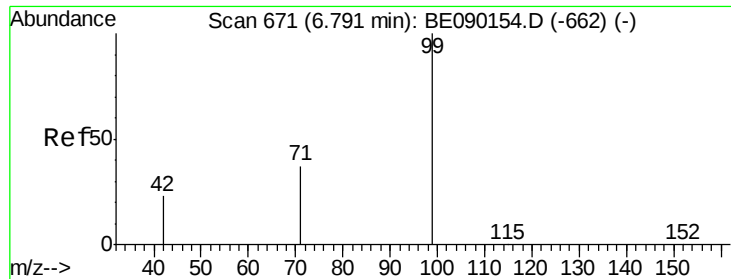


Abundance Ion 112.00 (111.70 to 112.70): BE090154.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090154.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090154.D (-380) (-)





#5

Phenol-d6

Concen: 0.93 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

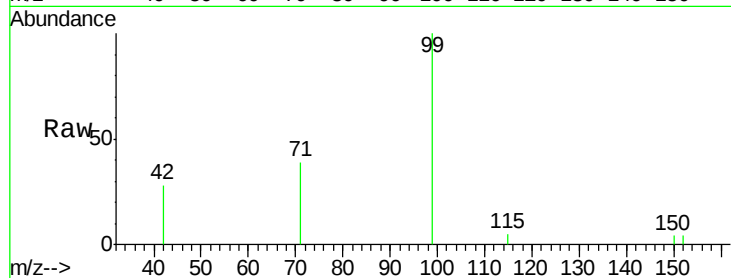
Tgt Ion: 99 Resp: 2207

Ion Ratio Lower Upper

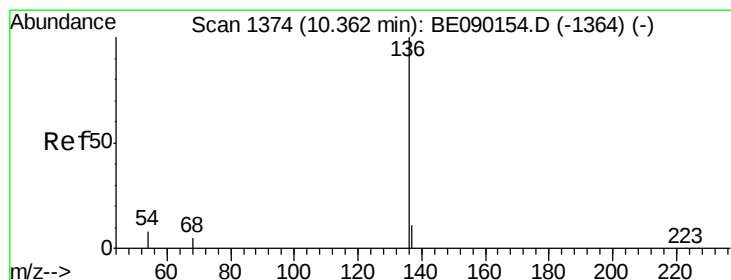
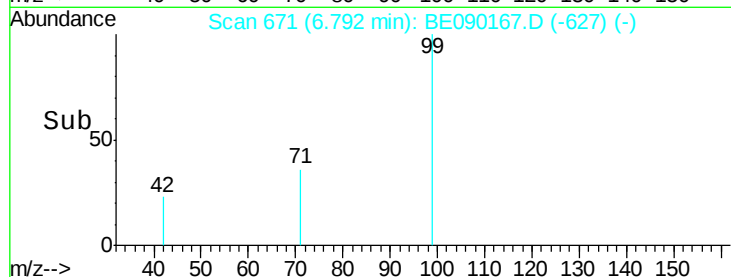
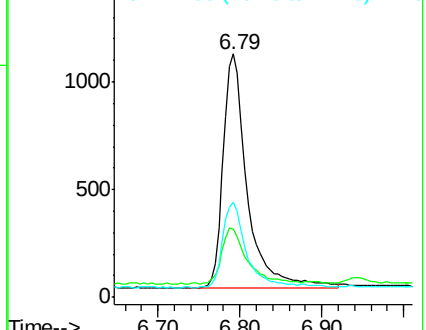
99 100

42 24.8 19.1 28.7

71 36.7 29.4 44.2



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Tgt Ion: 136 Resp: 36026

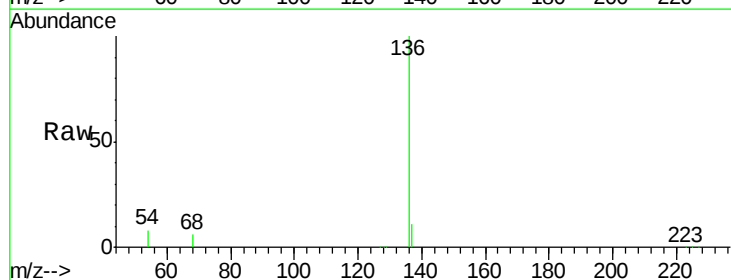
Ion Ratio Lower Upper

136 100

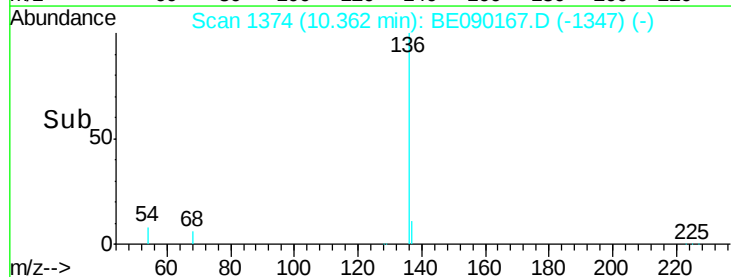
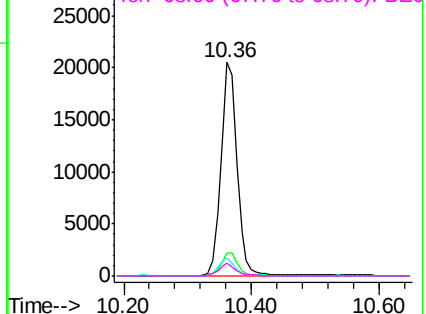
137 10.9 8.9 13.3

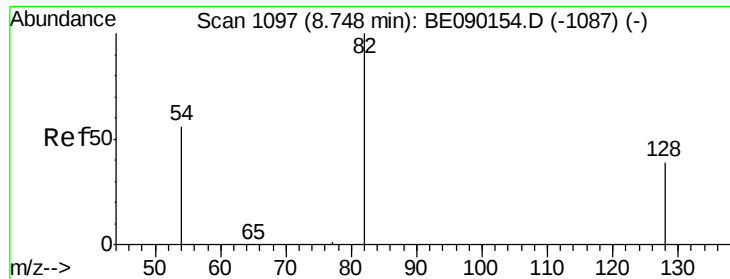
54 8.5 6.3 9.5

68 5.9 4.3 6.5



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





#7

Nitrobenzene-d5

Concen: 0.94 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

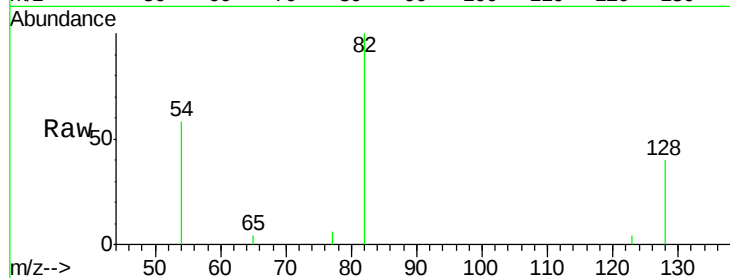
Tgt Ion: 82 Resp: 2258

Ion Ratio Lower Upper

82 100

128 40.5 32.7 49.1

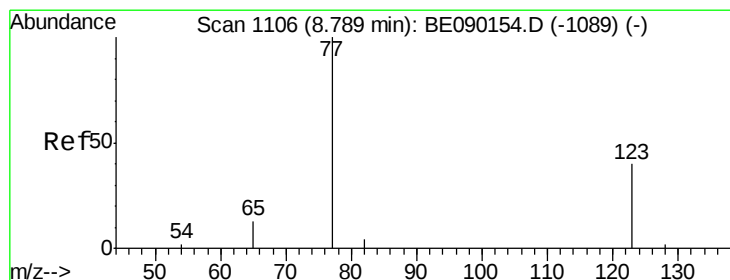
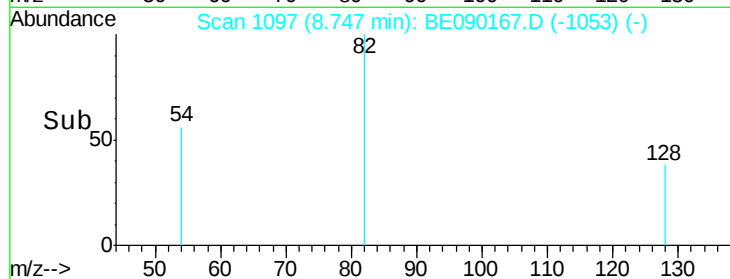
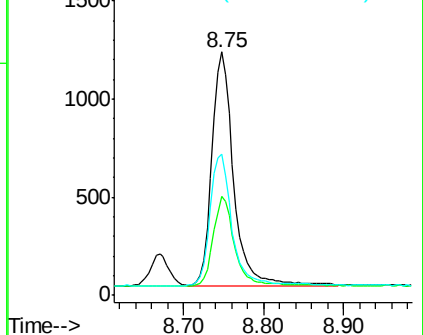
54 58.0 45.9 68.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.97 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

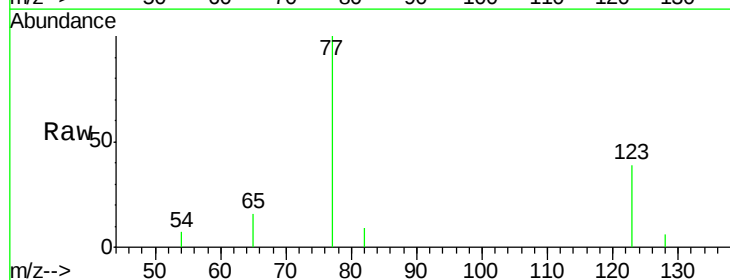
Tgt Ion: 77 Resp: 2288

Ion Ratio Lower Upper

77 100

123 38.3 32.3 48.5

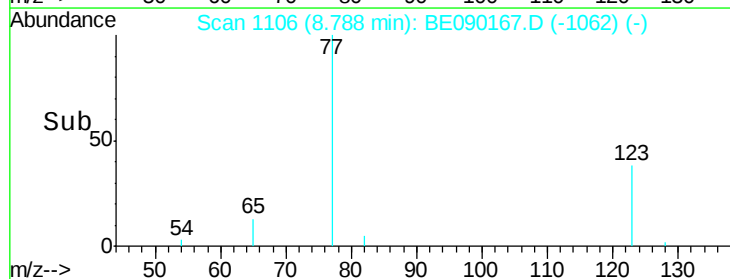
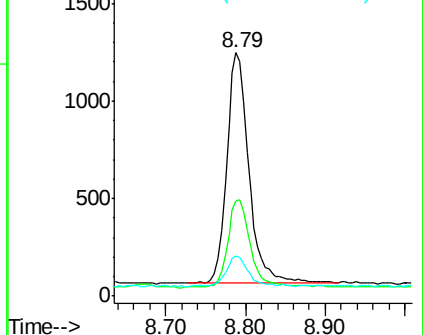
65 12.9 10.4 15.6

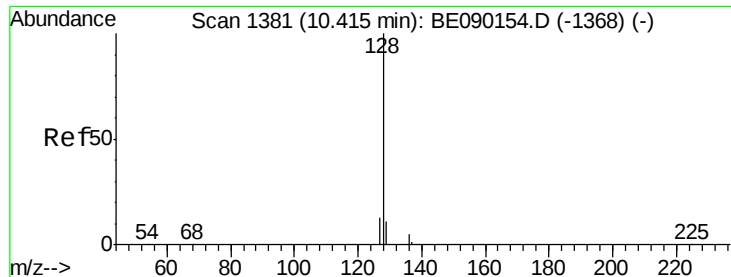


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

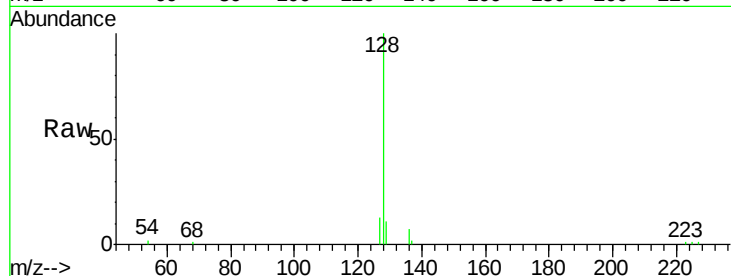
BNA_E

ClientSampleId :

SSTDCCC001

Tgt Ion:128 Resp: 7567

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.5	10.7	16.1

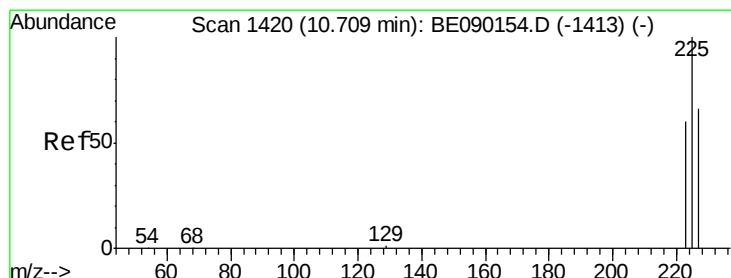
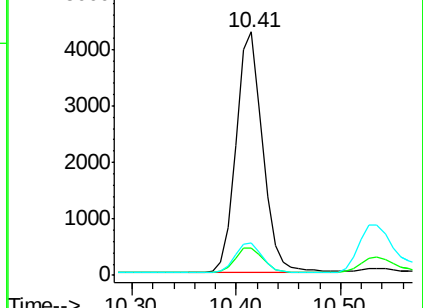
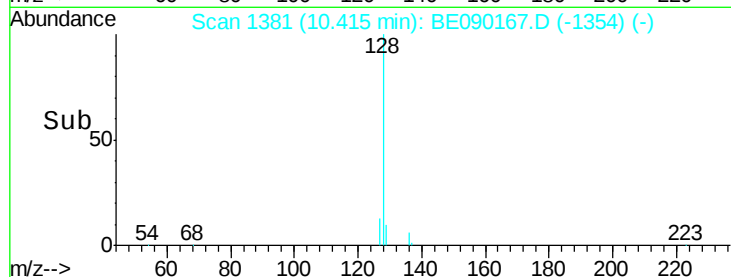


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.94 ng

RT: 10.71 min Scan# 1420

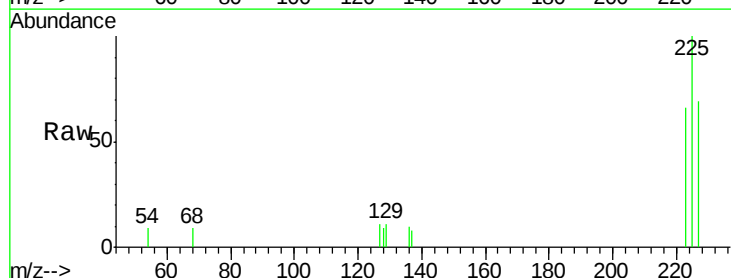
Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Tgt Ion:225 Resp: 896

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.3	75.5
227	64.8	51.3	76.9

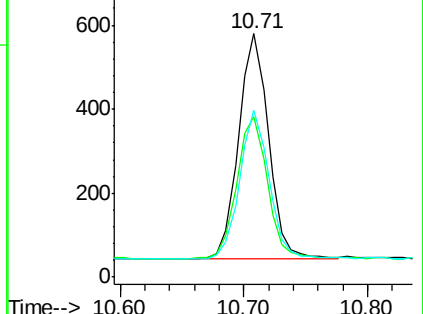
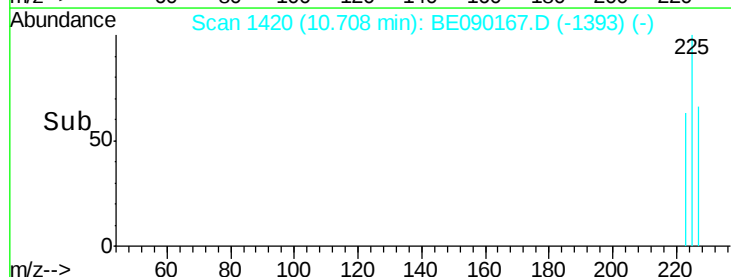


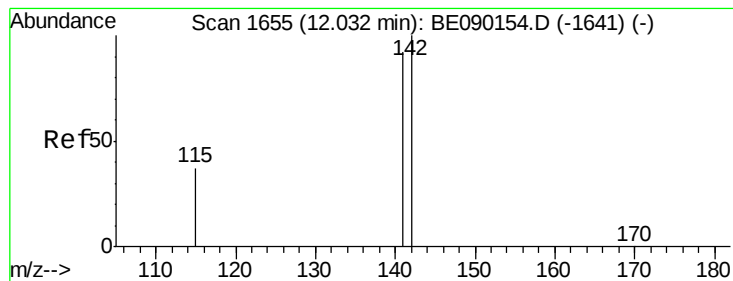
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

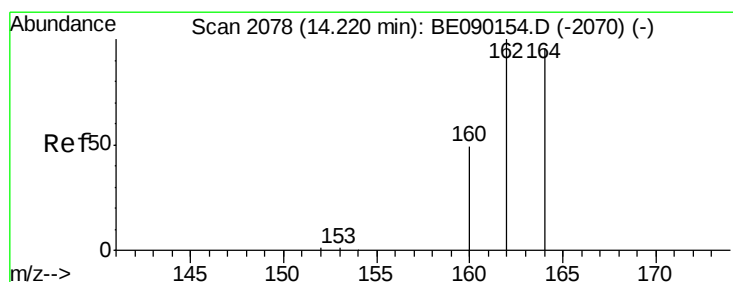
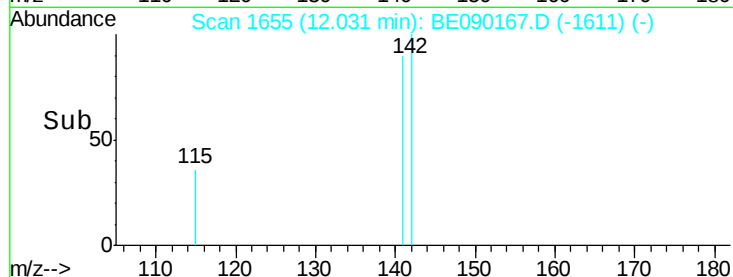
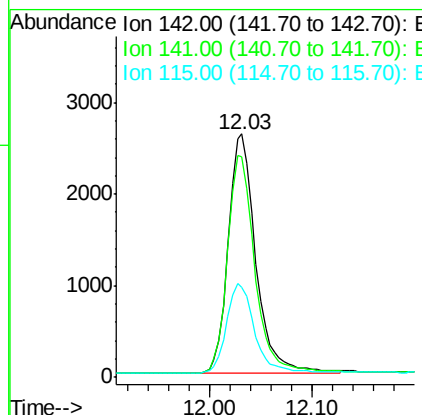
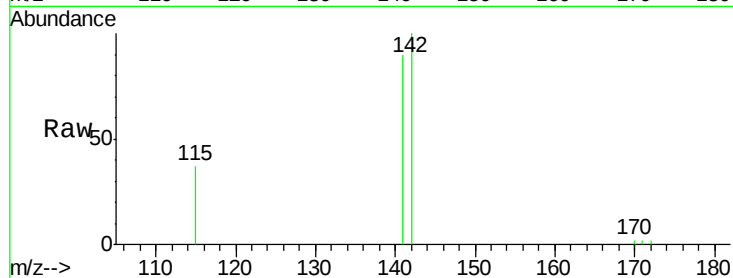




#11
2-Methylnaphthalene
Concen: 0.93 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE090167.D
Acq: 18 Jul 2015 4:46

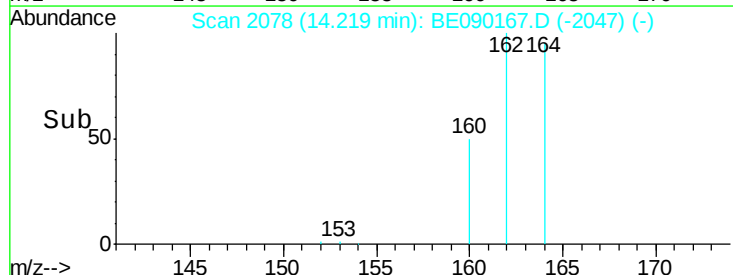
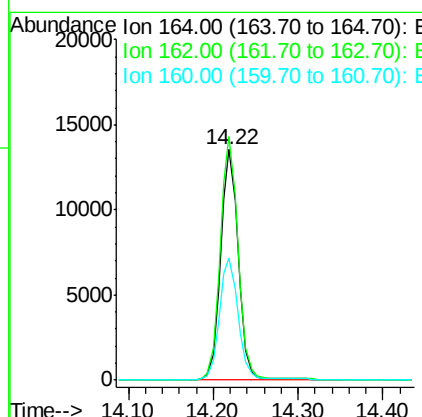
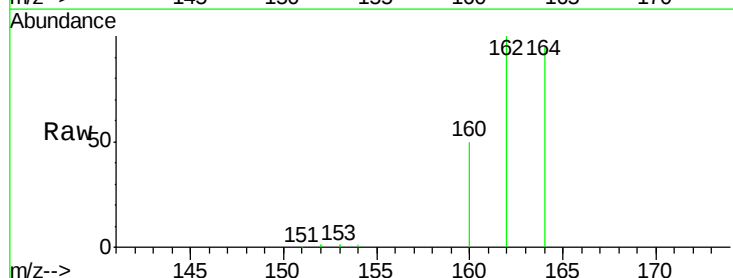
Instrument :
BNA_E
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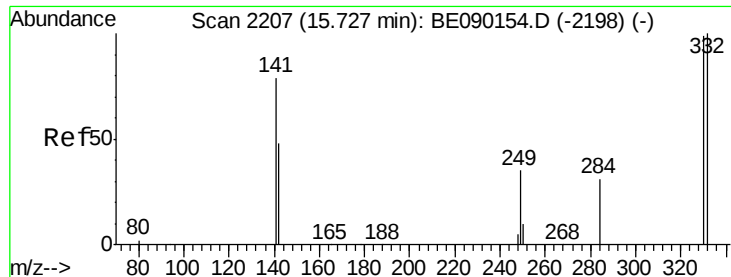
Tgt Ion:142 Resp: 4847
Ion Ratio Lower Upper
142 100
141 90.4 73.9 110.9
115 37.2 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090167.D
Acq: 18 Jul 2015 4:46

Tgt Ion:164 Resp: 19414
Ion Ratio Lower Upper
164 100
162 105.6 83.3 124.9
160 53.1 40.9 61.3

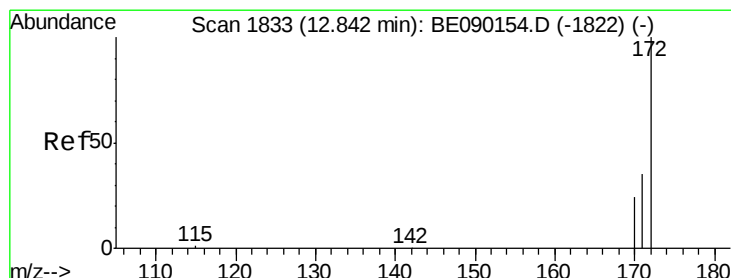
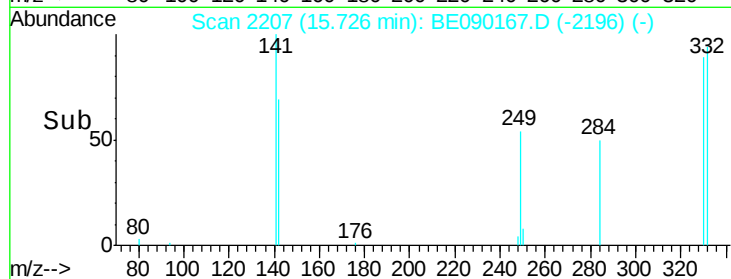
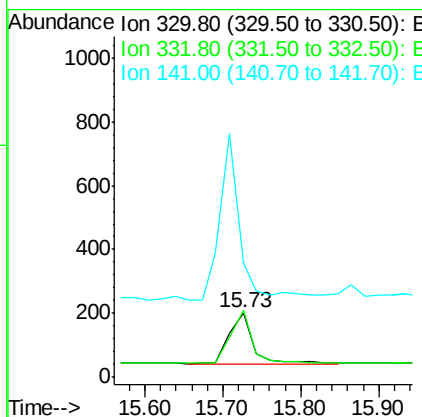
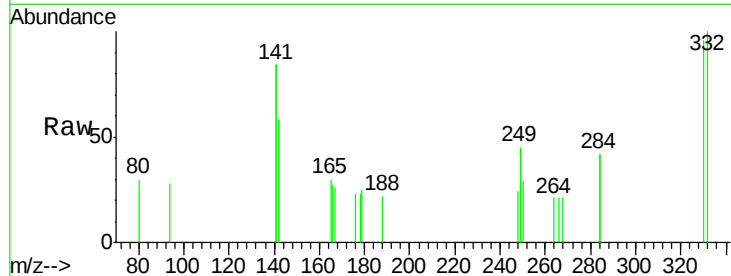




#13
 2,4,6-Tribromophenol
 Concen: 0.73 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090167.D
 Acq: 18 Jul 2015 4:46

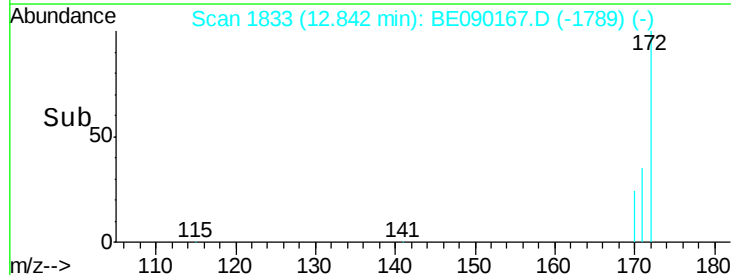
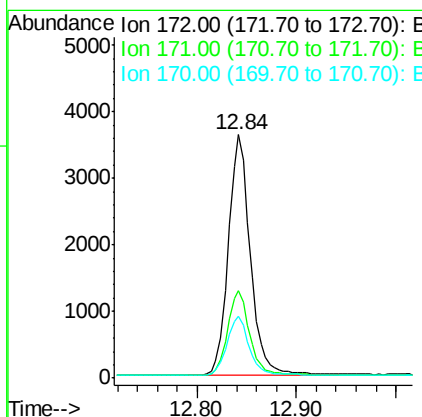
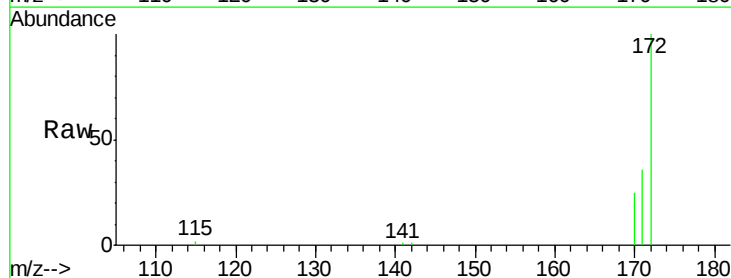
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

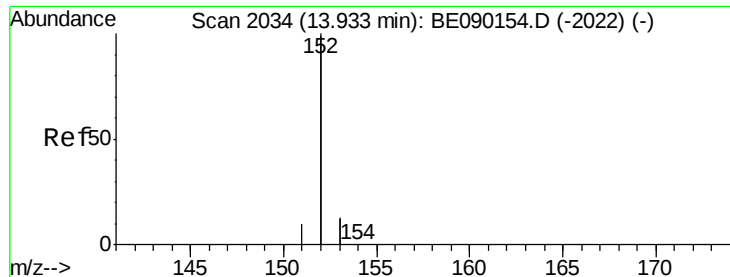
Tgt Ion: 330 Resp: 335
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 285.4 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090167.D
 Acq: 18 Jul 2015 4:46

Tgt Ion: 172 Resp: 5568
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 25.2 19.7 29.5





#15

Acenaphthylene

Concen: 0.96 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

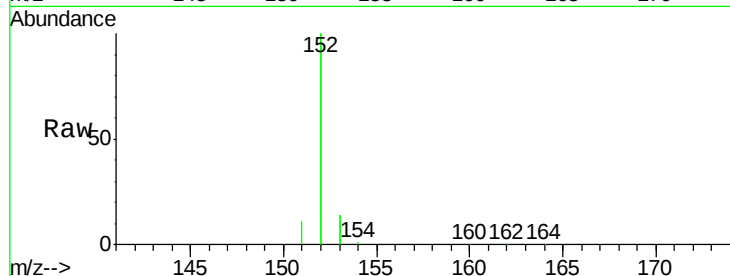
Tgt Ion:152 Resp: 33672

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

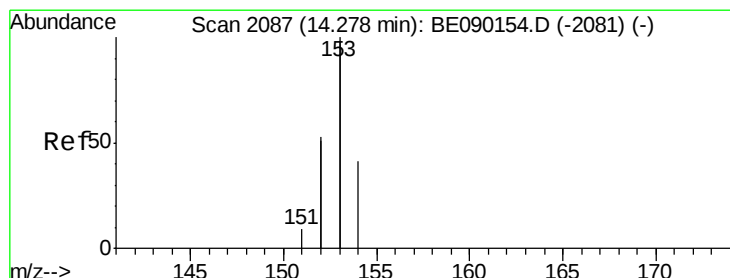
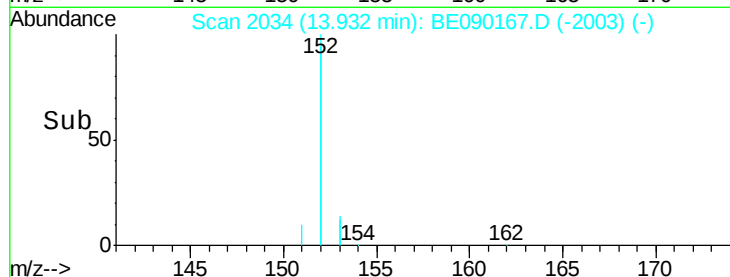
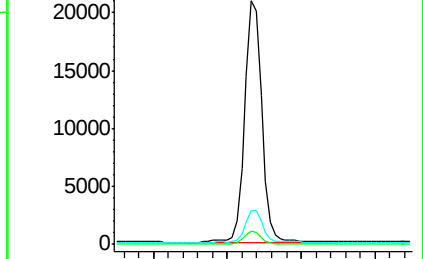
153 13.2 10.4 15.6



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: 0.96 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

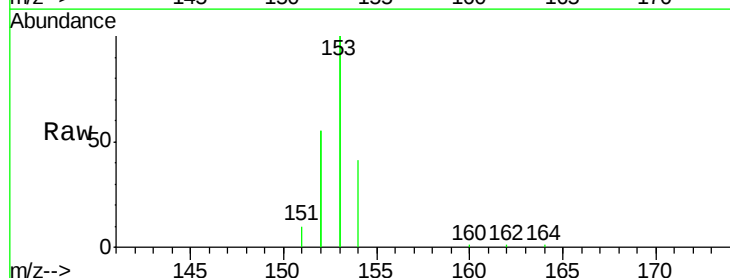
Tgt Ion:154 Resp: 4707

Ion Ratio Lower Upper

154 100

153 484.0 376.9 565.3

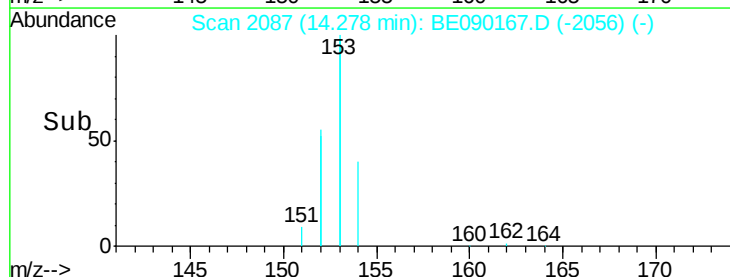
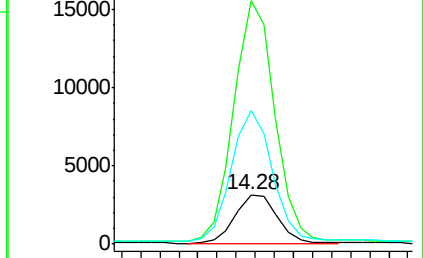
152 262.5 199.0 298.6

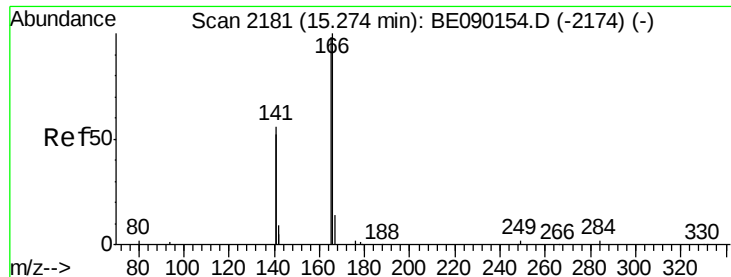


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.95 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

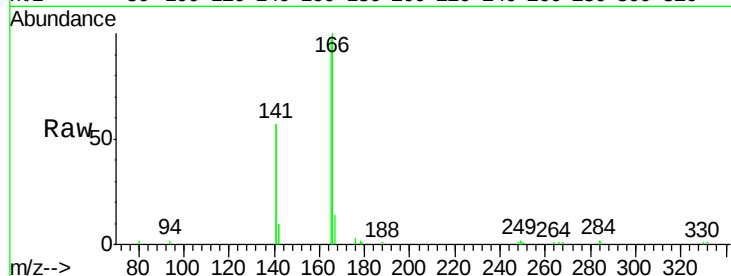
Tgt Ion:166 Resp: 6304

Ion Ratio Lower Upper

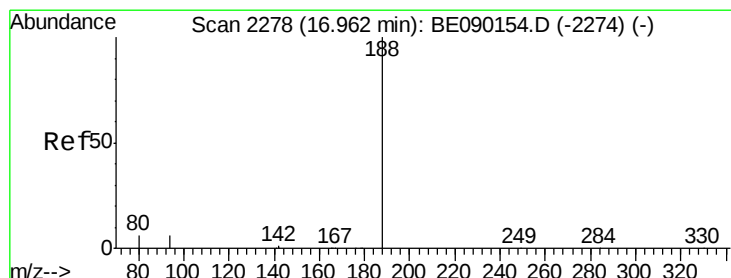
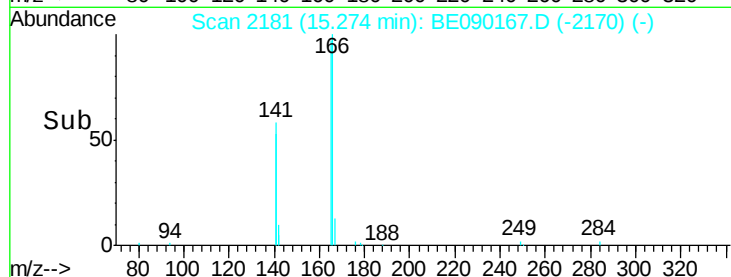
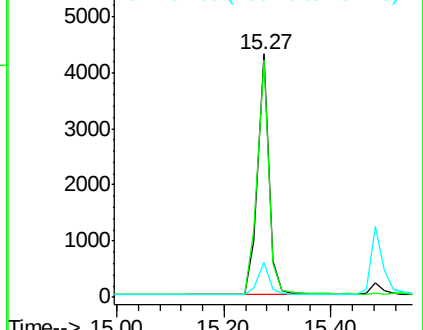
166 100

165 101.4 81.5 122.3

167 13.7 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

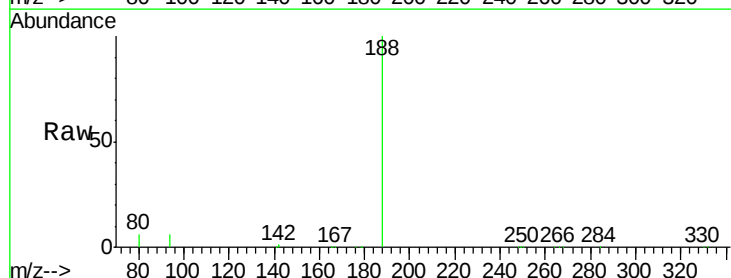
Tgt Ion:188 Resp: 47702

Ion Ratio Lower Upper

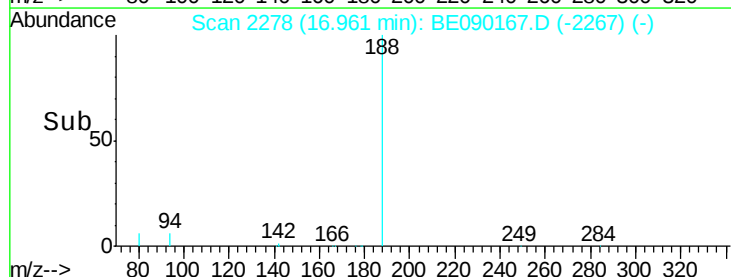
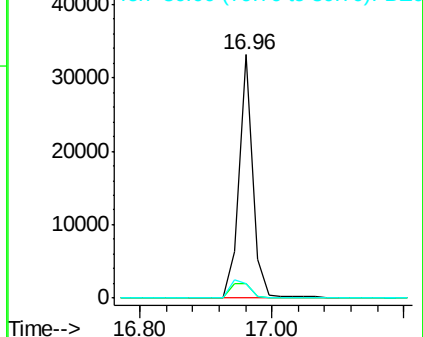
188 100

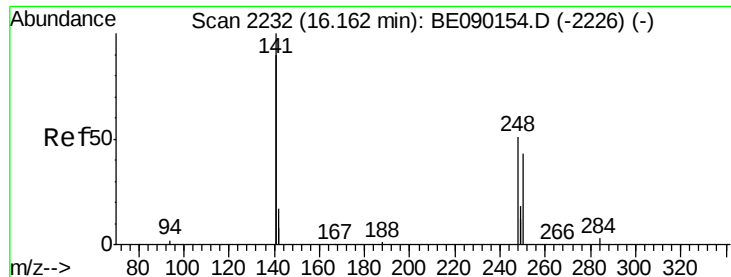
94 6.1 4.6 7.0

80 6.1 4.6 6.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.96 ng

RT: 16.16 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

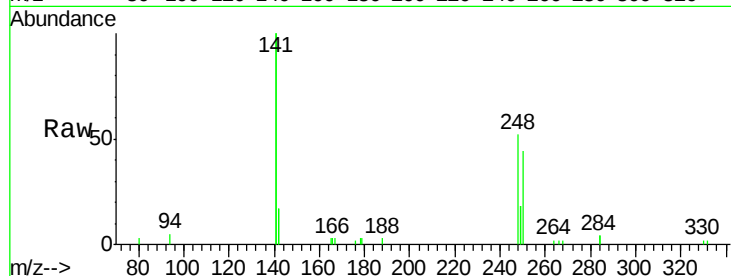
Tgt Ion:248 Resp: 1699

Ion Ratio Lower Upper

248 100

250 97.4 77.4 116.0

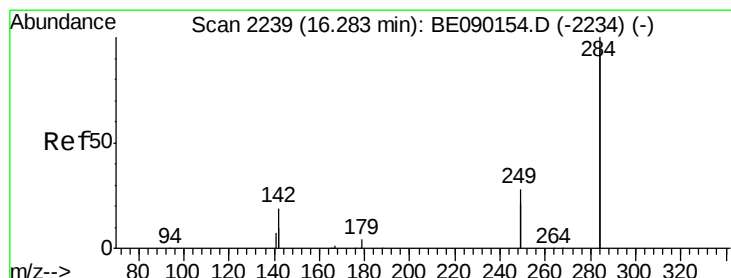
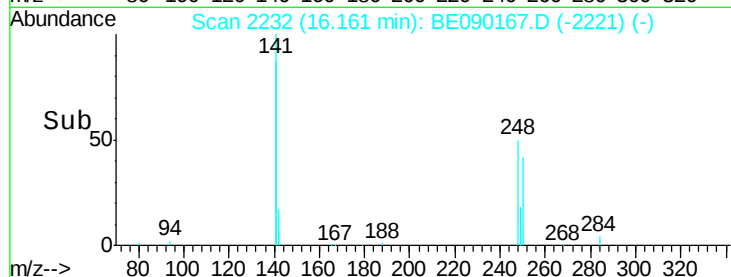
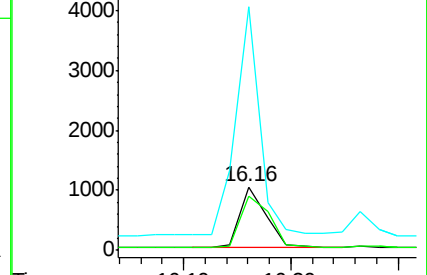
141 352.4 281.3 421.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.96 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

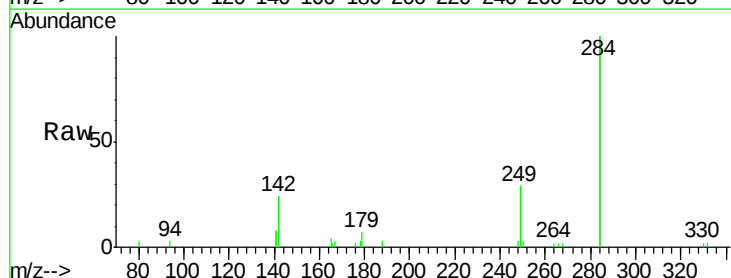
Tgt Ion:284 Resp: 6052

Ion Ratio Lower Upper

284 100

142 55.6 42.2 63.2

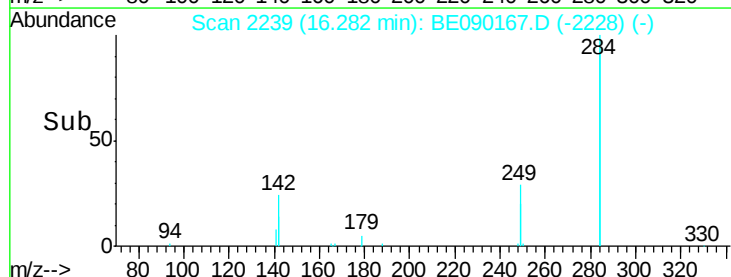
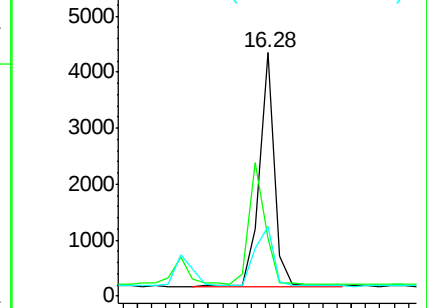
249 32.6 25.5 38.3

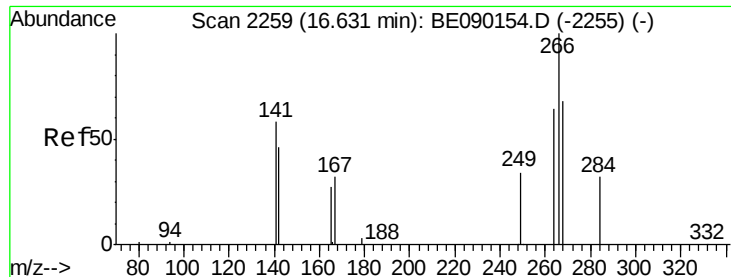


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

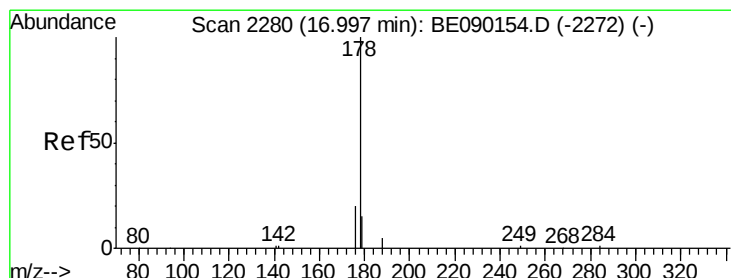
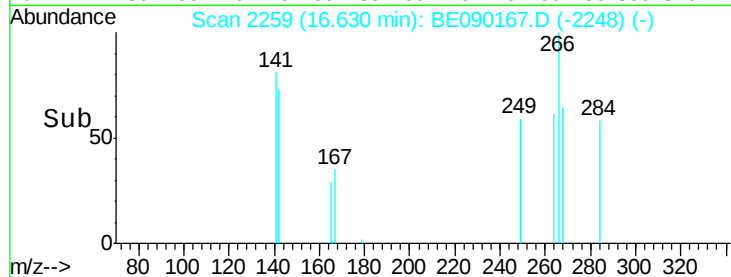
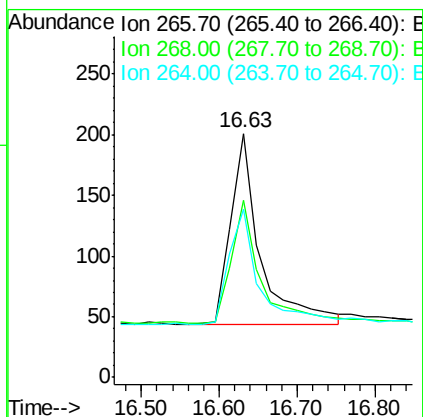
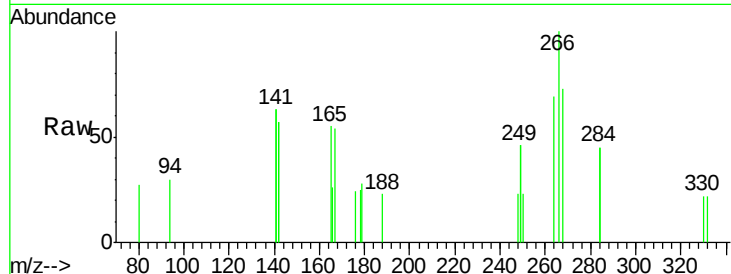




#21
 Pentachlorophenol
 Concen: 0.79 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090167.D
 Acq: 18 Jul 2015 4:46

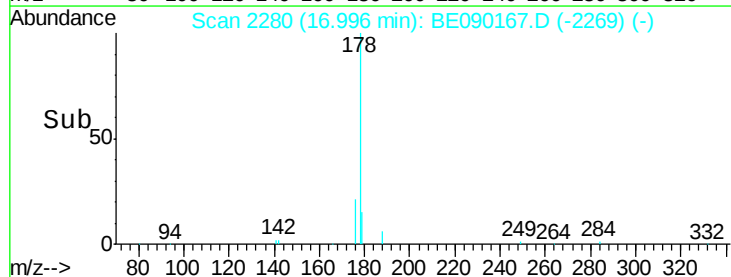
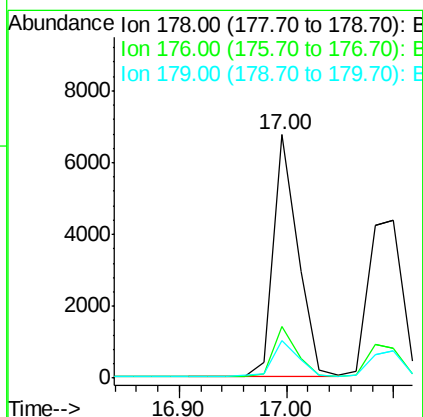
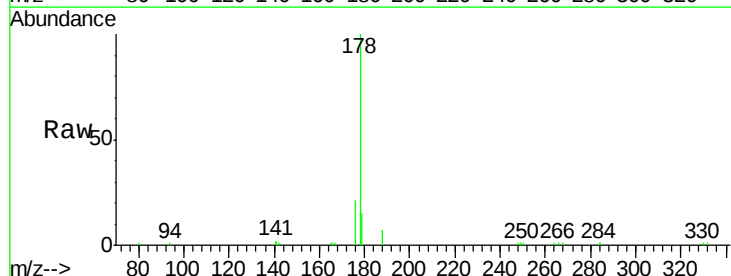
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

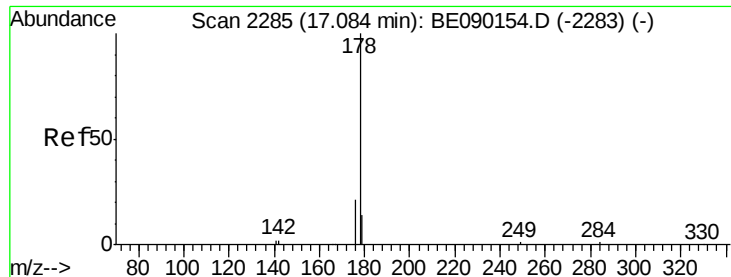
Tgt Ion: 266 Resp: 413
 Ion Ratio Lower Upper
 266 100
 268 72.6 58.2 87.4
 264 69.2 55.0 82.4



#22
 Phenanthrene
 Concen: 1.00 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090167.D
 Acq: 18 Jul 2015 4:46

Tgt Ion: 178 Resp: 10734
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.2 12.5 18.7





#23

Anthracene

Concen: 0.97 ng

RT: 17.10 min Scan# 2286

Delta R.T. 0.02 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

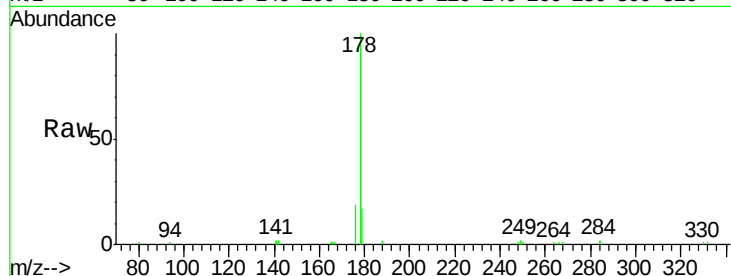
Tgt Ion:178 Resp: 9674

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

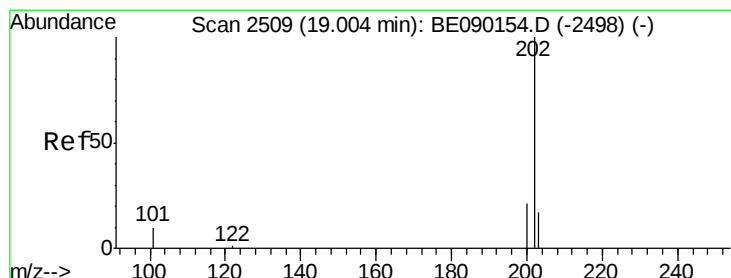
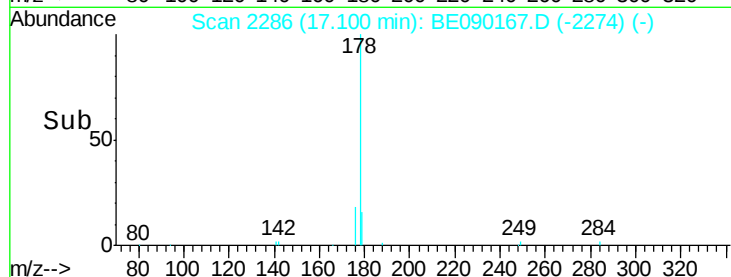
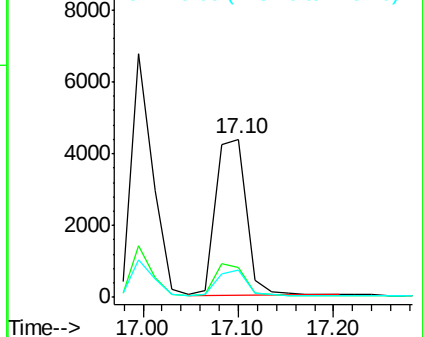
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.96 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

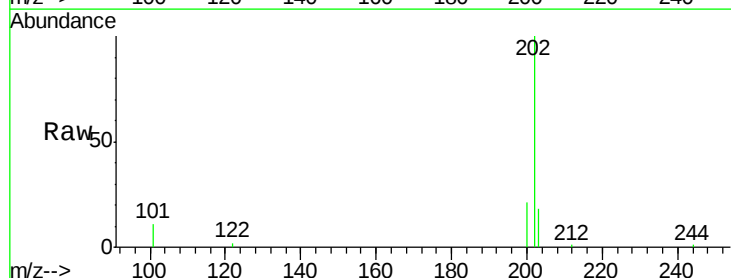
Tgt Ion:202 Resp: 11571

Ion Ratio Lower Upper

202 100

101 10.9 8.5 12.7

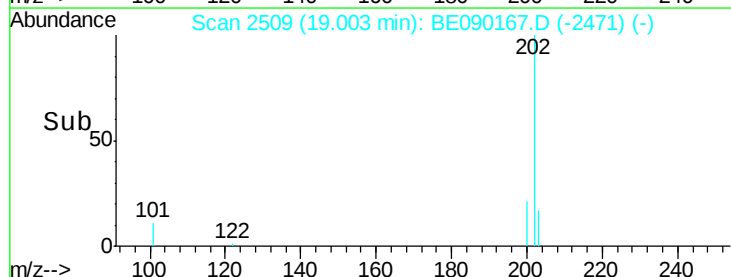
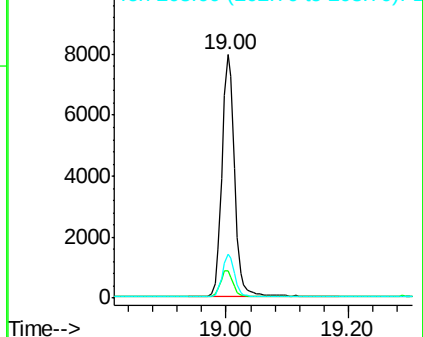
203 17.3 13.9 20.9

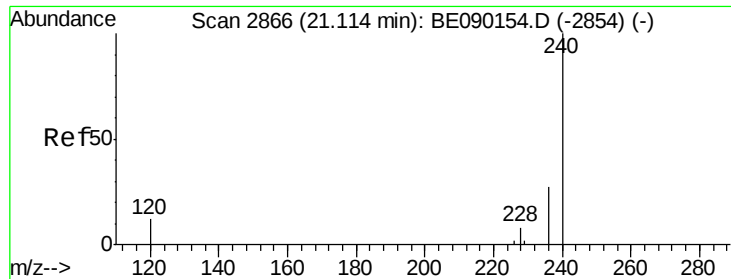


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

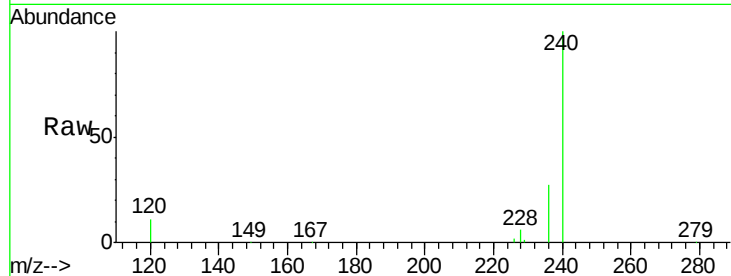
Tgt Ion:240 Resp: 55167

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.0

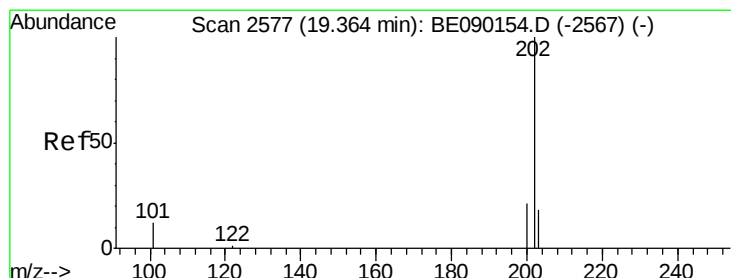
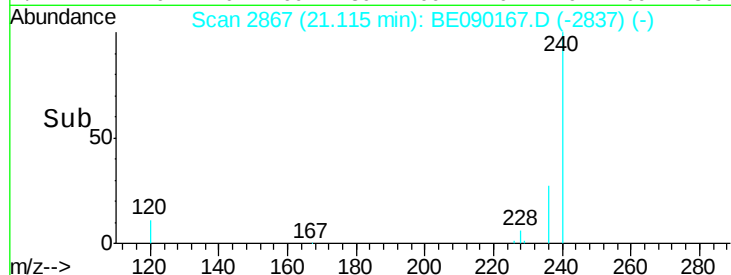
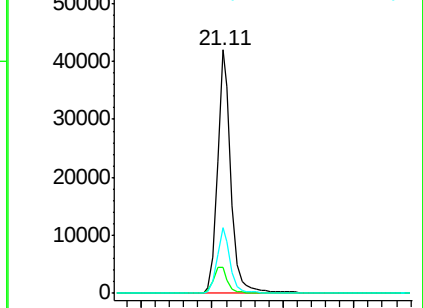
236 27.1 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.96 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

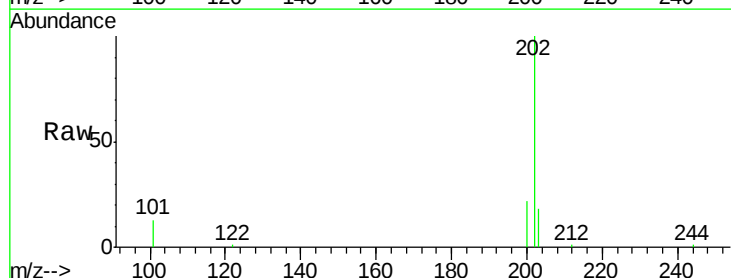
Tgt Ion:202 Resp: 11978

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

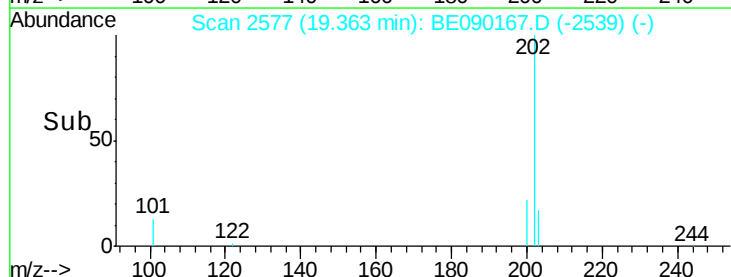
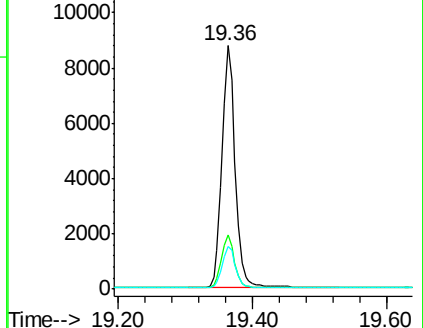
203 17.4 14.1 21.1

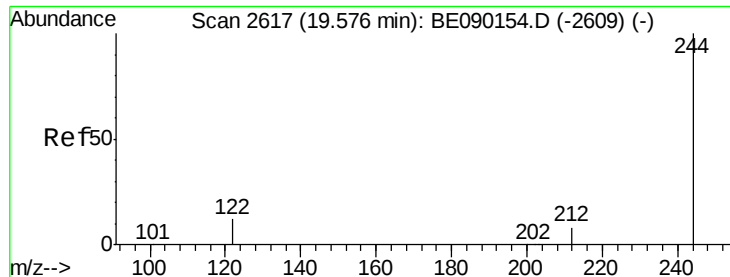


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

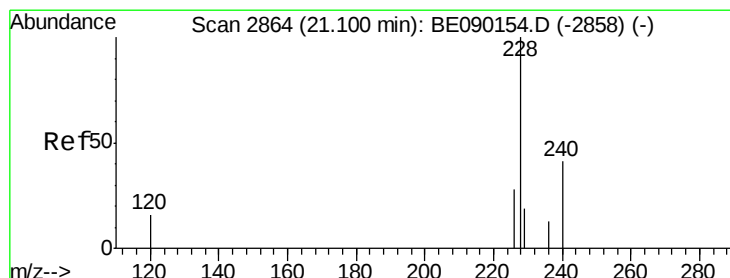
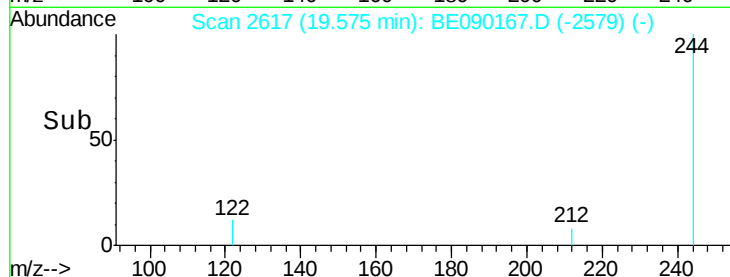
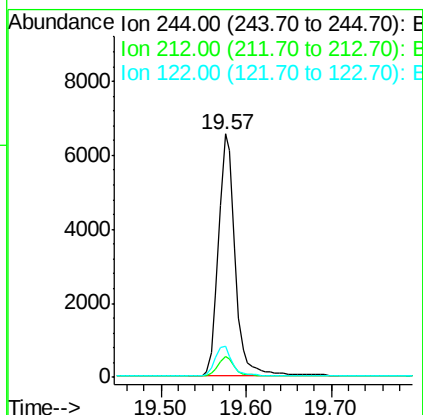
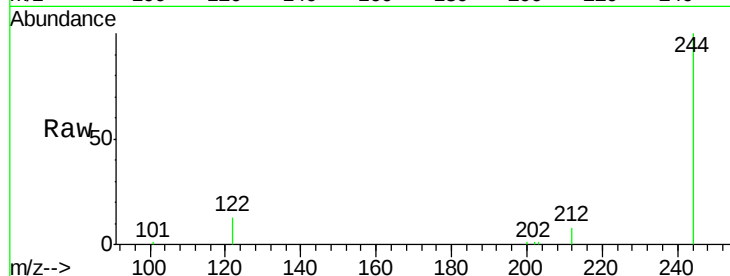




#27
 Terphenyl-d14
 Concen: 0.95 ng
 RT: 19.57 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090167.D
 Acq: 18 Jul 2015 4:46

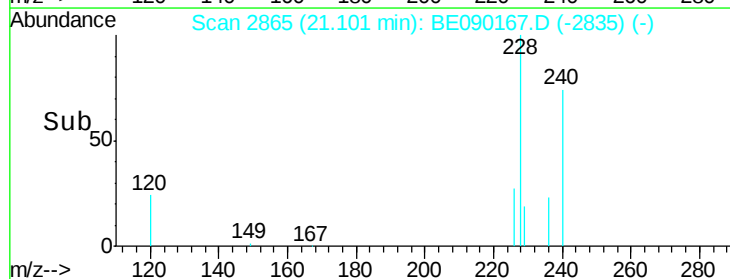
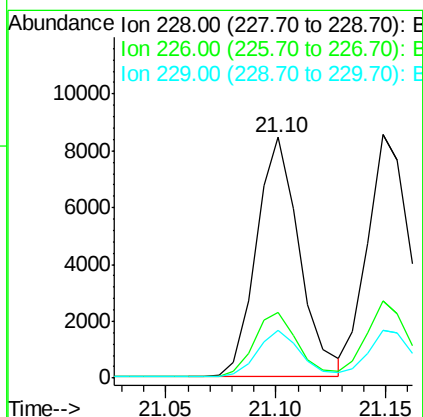
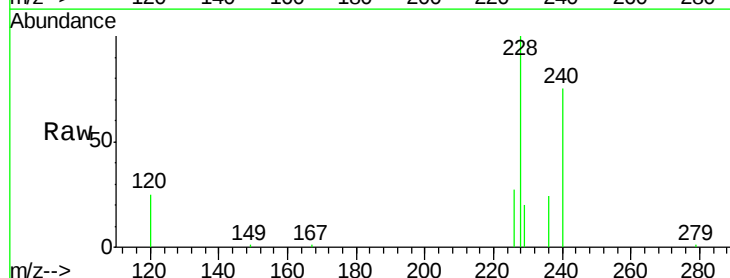
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

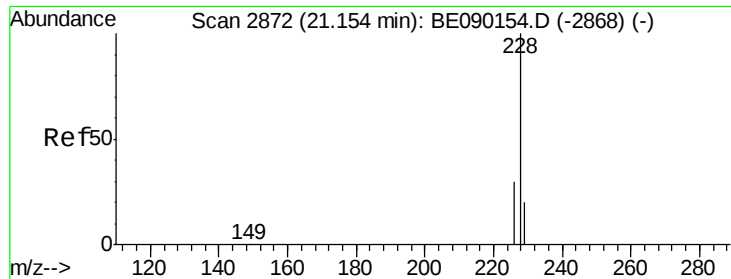
Tgt Ion: 244 Resp: 8757
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 13.0 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 0.92 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BE090167.D
 Acq: 18 Jul 2015 4:46

Tgt Ion: 228 Resp: 11581
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.2 33.4
 229 19.7 15.7 23.5





#29

Chrysene

Concen: 0.97 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

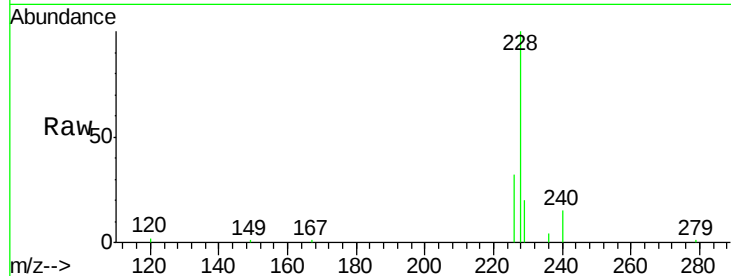
Tgt Ion:228 Resp: 12348

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.8

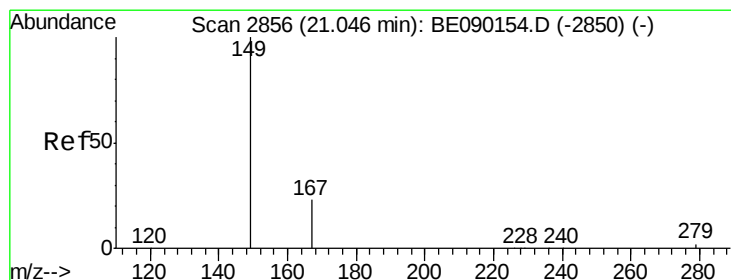
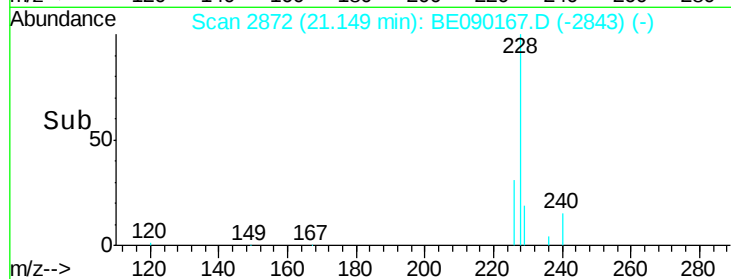
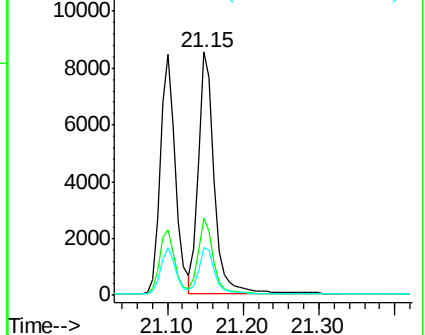
229 19.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.66 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

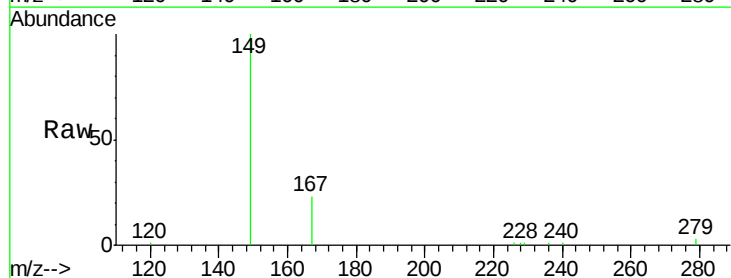
Tgt Ion:149 Resp: 4262

Ion Ratio Lower Upper

149 100

167 22.5 18.6 28.0

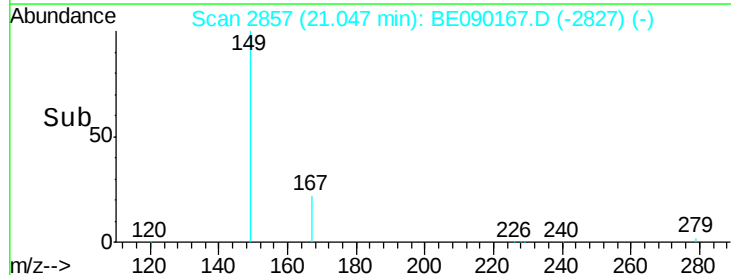
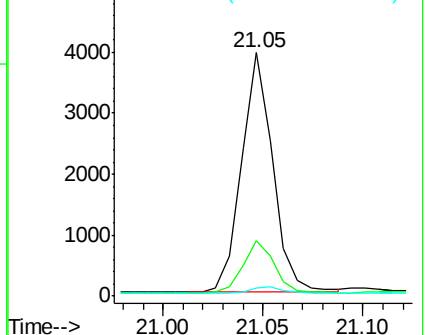
279 2.8 2.2 3.4

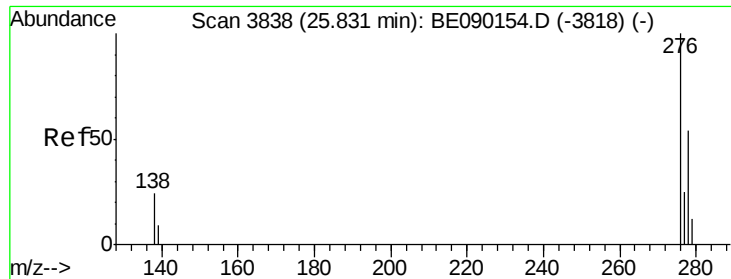


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.86 ng

RT: 25.83 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

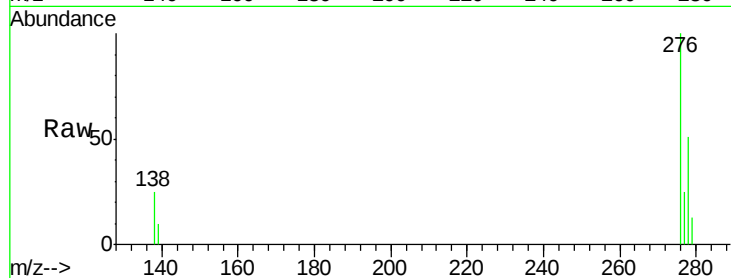
Tgt Ion:276 Resp: 12876

Ion Ratio Lower Upper

276 100

138 25.1 19.5 29.3

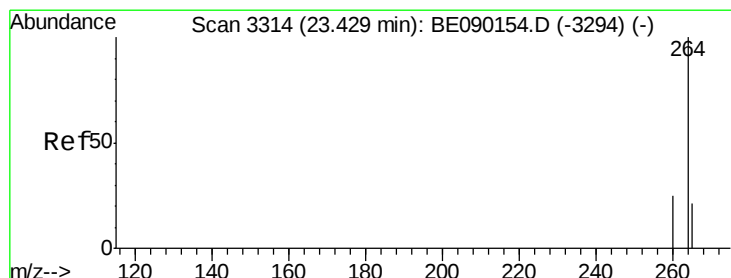
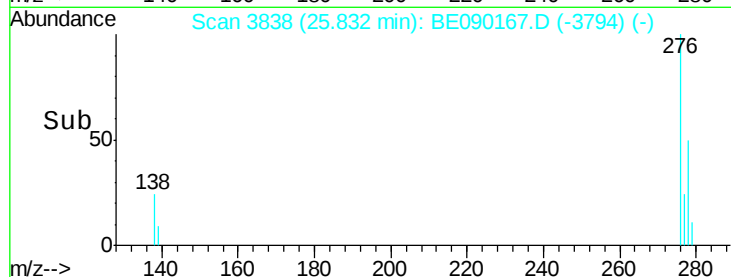
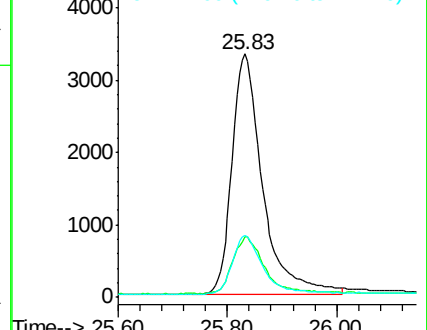
277 24.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3314

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

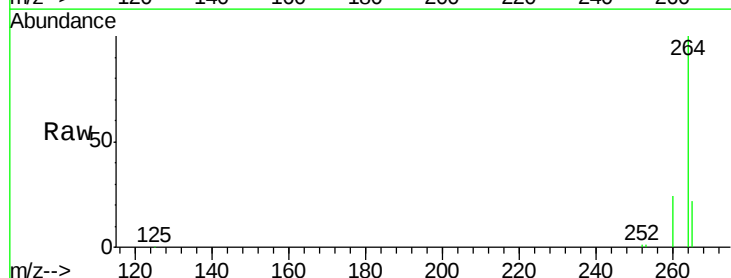
Tgt Ion:264 Resp: 55224

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

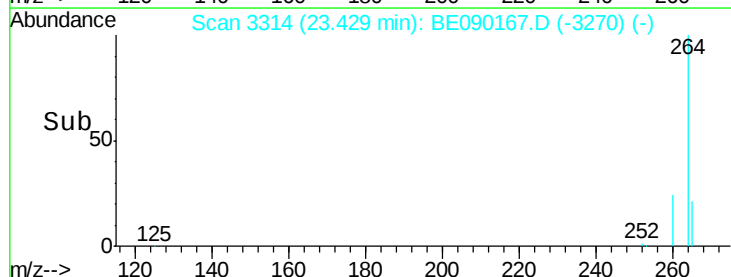
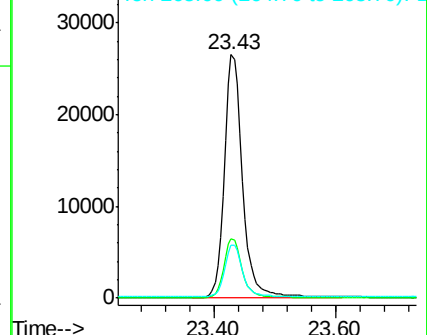
265 21.8 17.4 26.2

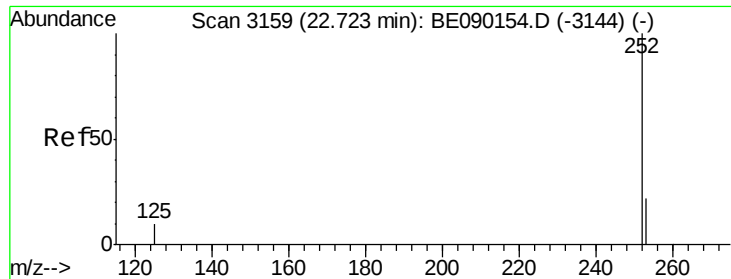


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.93 ng

RT: 22.73 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

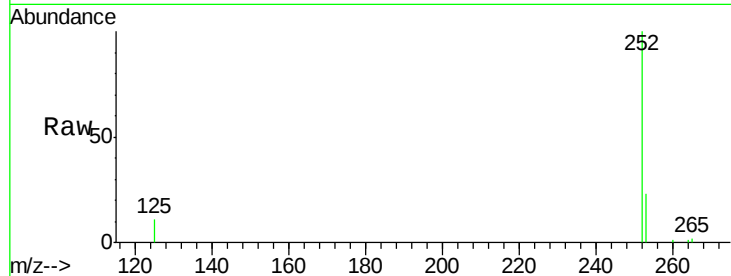
Tgt Ion:252 Resp: 10726

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

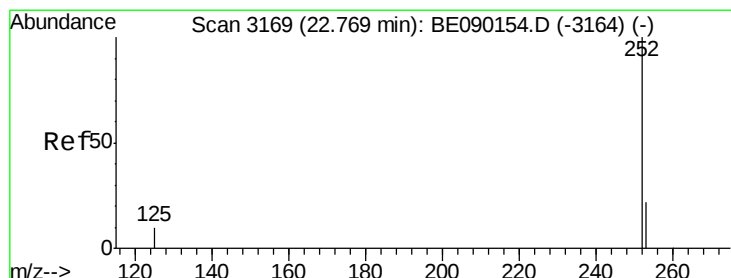
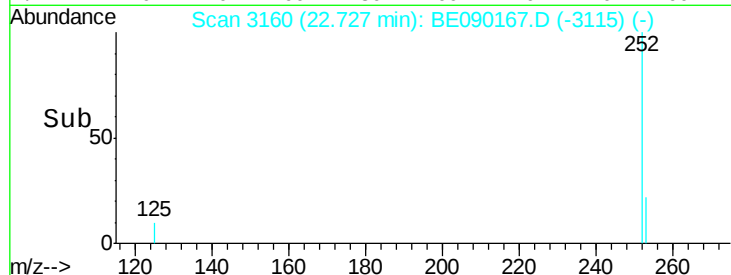
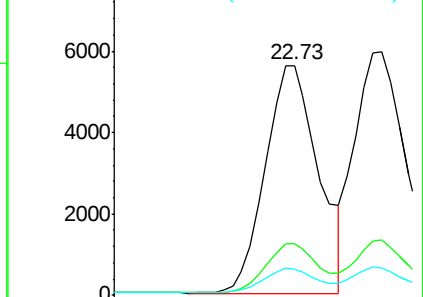
125 11.3 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.77 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

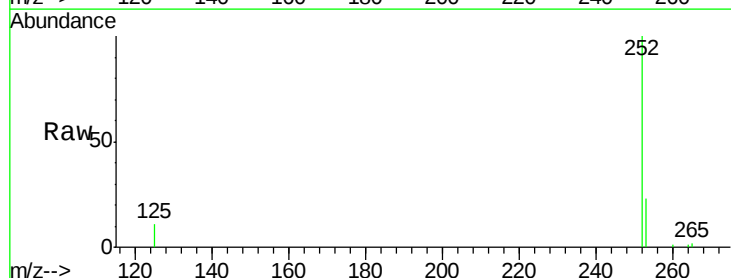
Tgt Ion:252 Resp: 12353

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

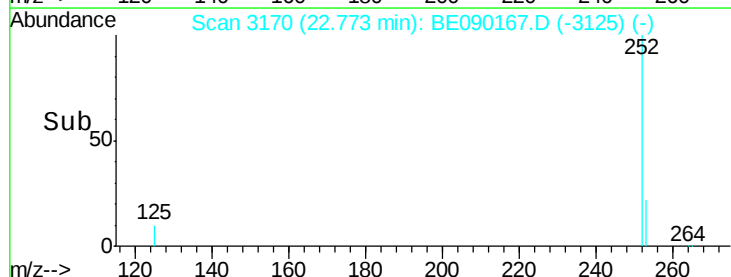
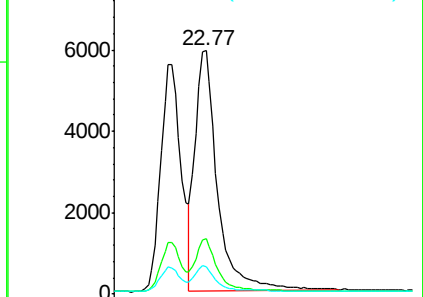
125 11.1 8.7 13.1

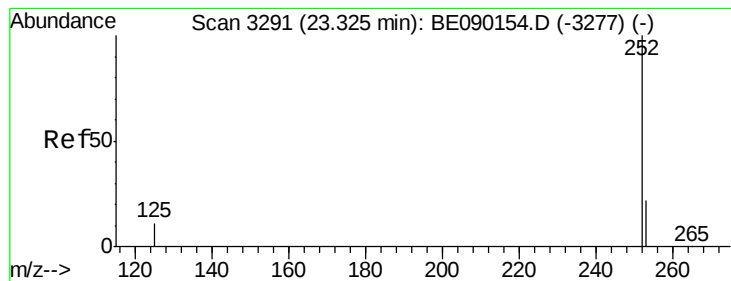


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.89 ng

RT: 23.32 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

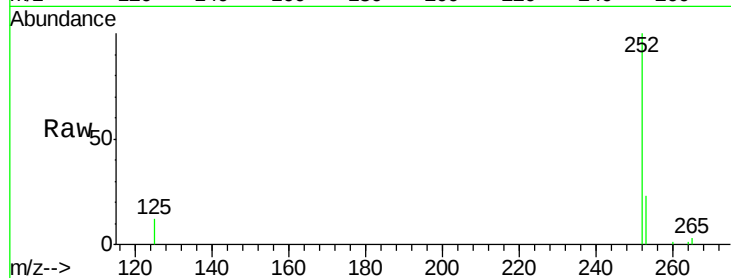
Tgt Ion: 252 Resp: 9948

Ion Ratio Lower Upper

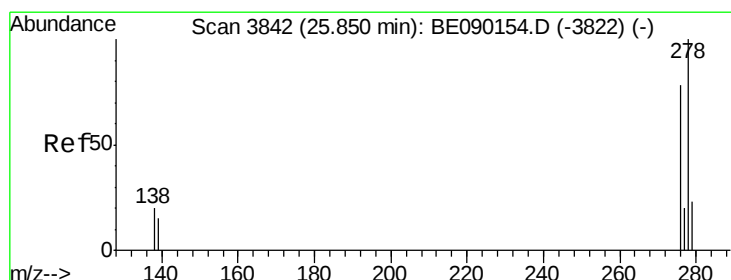
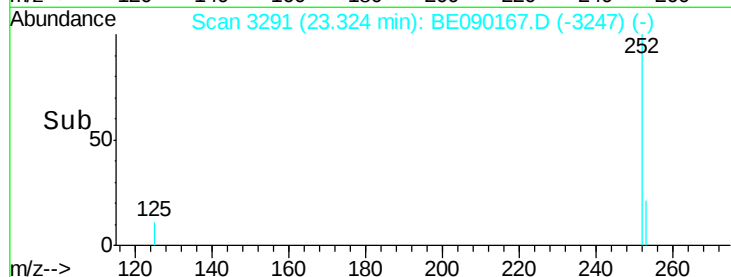
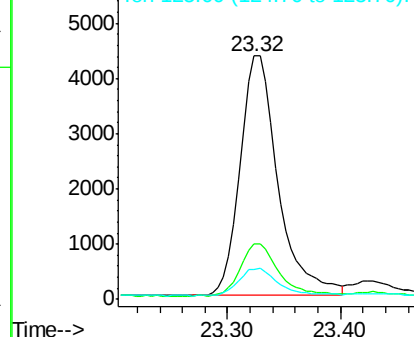
252 100

253 22.6 18.0 27.0

125 12.2 9.4 14.0



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



#36

Dibenzo(a,h)anthracene

Concen: 0.87 ng

RT: 25.85 min Scan# 3843

Delta R.T. 0.01 min

Lab File: BE090167.D

Acq: 18 Jul 2015 4:46

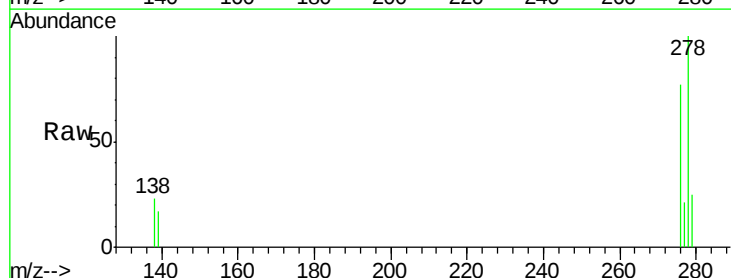
Tgt Ion: 278 Resp: 10189

Ion Ratio Lower Upper

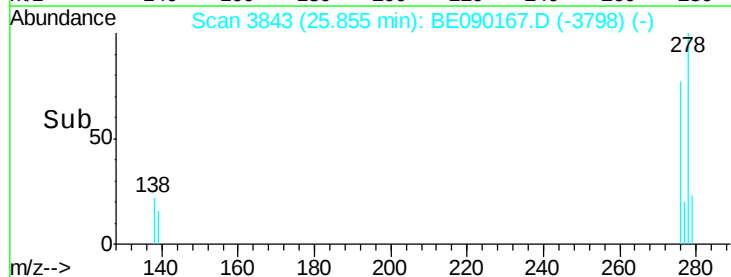
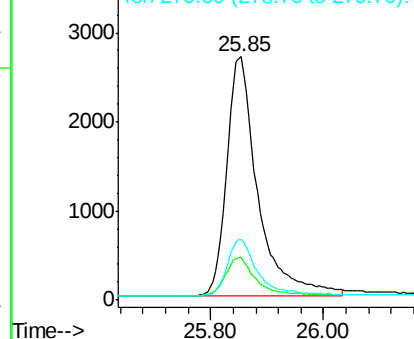
278 100

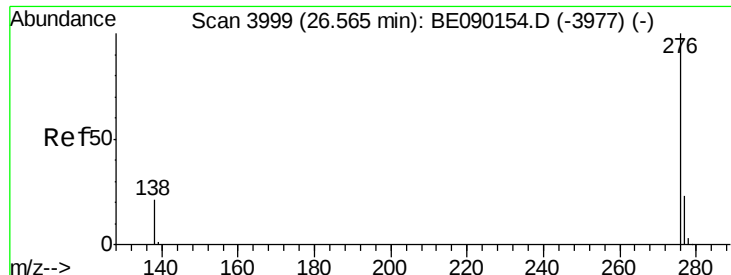
139 17.5 12.9 19.3

279 24.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.91 ng

RT: 26.57 min Scan# 3999

Delta R.T. 0.00 min

Lab File: BE090167.D

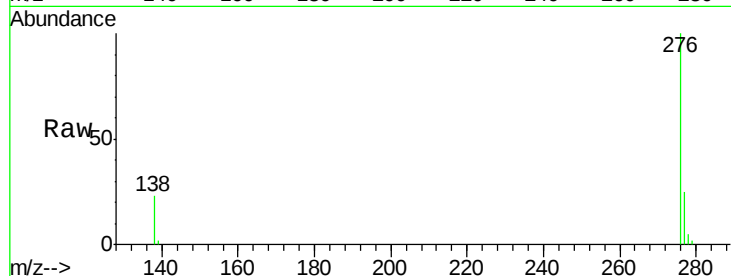
Acq: 18 Jul 2015 4:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



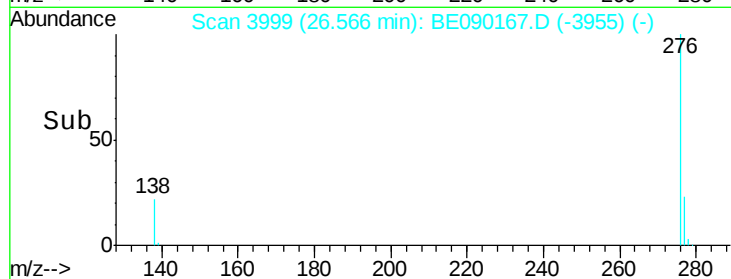
Tgt Ion: 276 Resp: 11024

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.6

138 23.1 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

