

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090569.D
 Acq On : 19 Aug 2015 00:22
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 19 02:37:15 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 02:30:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	25036	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	126344	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	69031	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147665	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144159	5.00	ng	0.00
32) Perylene-d12	23.39	264	131946	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7555	1.04	ng	0.01
5) Phenol-d6	6.78	99	10702	1.01	ng	0.00
7) Nitrobenzene-d5	8.73	82	9777	0.97	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2579	0.97	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	20667	1.00	ng	0.00
27) Terphenyl-d14	19.55	244	26677	1.01	ng	0.00

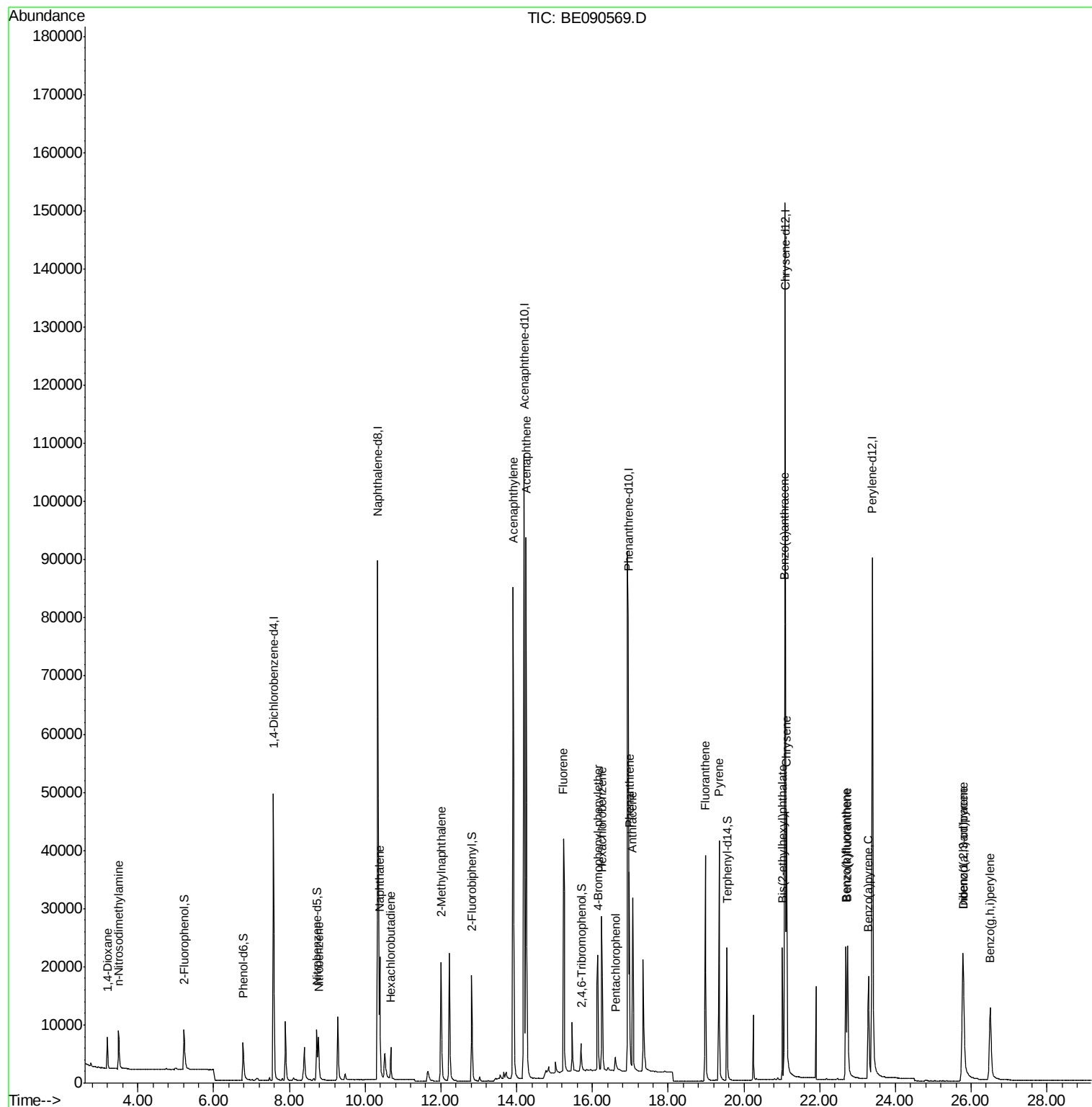
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	3245	1.08	ng	92
3) n-Nitrosodimethylamine	3.49	42	4133	0.96	ng	# 75
8) Nitrobenzene	8.77	77	9900	0.95	ng	96
9) Naphthalene	10.38	128	28248	0.98	ng	98
10) Hexachlorobutadiene	10.68	225	4178	0.99	ng	99
11) 2-Methylnaphthalene	12.00	142	18613	1.00	ng	98
15) Acenaphthylene	13.91	152	125485	1.00	ng	100
16) Acenaphthene	14.25	154	18801	0.99	ng	# 78
17) Fluorene	15.24	166	22928	0.99	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6091	1.01	ng	77
20) Hexachlorobenzene	16.25	284	27233	1.02	ng	97
21) Pentachlorophenol	16.61	266	2076	0.91	ng	91
22) Phenanthrene	16.98	178	37818	0.98	ng	100
23) Anthracene	17.07	178	35271	0.99	ng	100
24) Fluoranthene	18.98	202	40010	0.97	ng	99
26) Pyrene	19.34	202	41290	1.00	ng	100
28) Benzo(a)anthracene	21.07	228	36801	0.97	ng	99
29) Chrysene	21.13	228	38463	0.99	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	20694	1.03	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	35046	0.96	ng	# 93
33) Benzo(b)fluoranthene	22.69	252	30142	0.96	ng	99
34) Benzo(k)fluoranthene	22.74	252	36376	1.03	ng	98
35) Benzo(a)pyrene	23.29	252	28934	0.99	ng	97
36) Dibenzo(a,h)anthracene	25.79	278	26916	0.95	ng	96
37) Benzo(g,h,i)perylene	26.51	276	30475	0.99	ng	95

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

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Instrument :
BNA_E
ClientSampleId :
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Quant Time: Aug 19 02:37:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

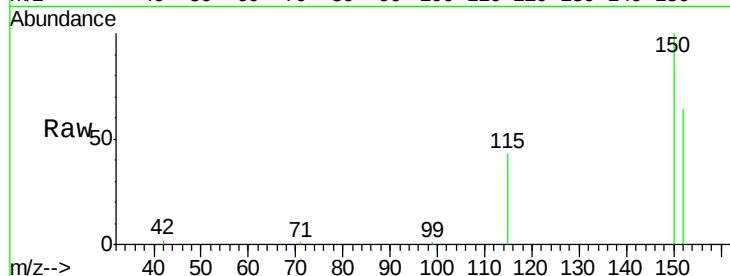
Tgt Ion:152 Resp: 25036

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

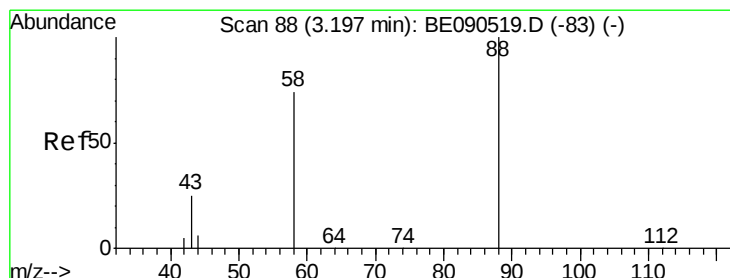
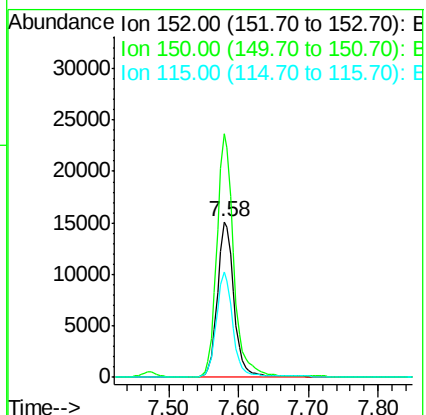
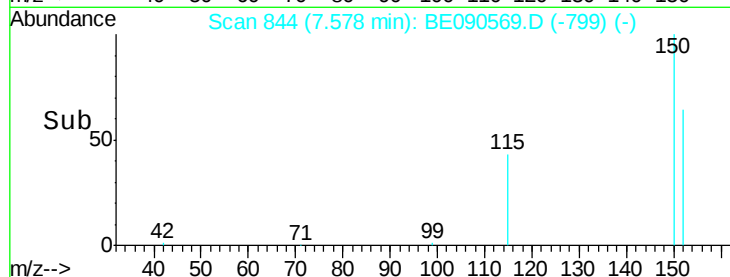
115 68.0 48.9 73.3



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: 1.08 ng

RT: 3.19 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

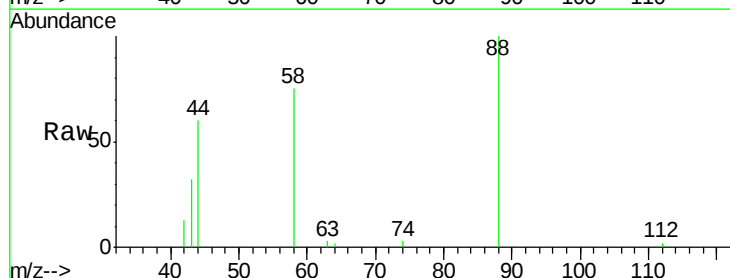
Tgt Ion: 88 Resp: 3245

Ion Ratio Lower Upper

88 100

58 80.9 70.0 105.0

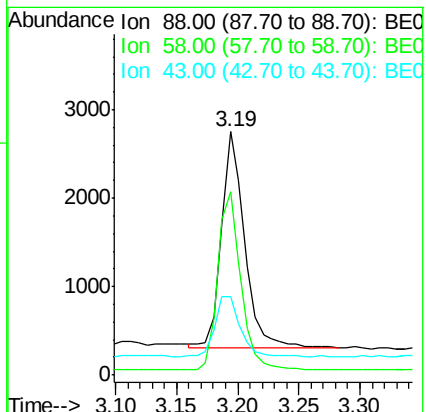
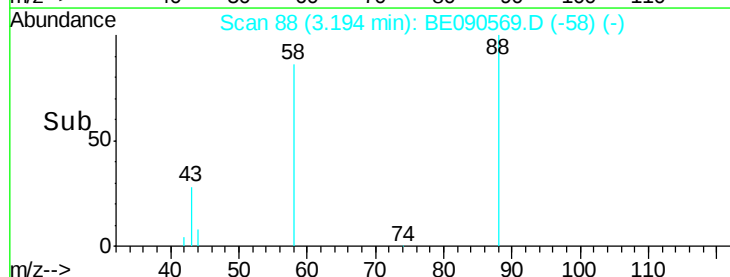
43 30.2 28.4 42.6

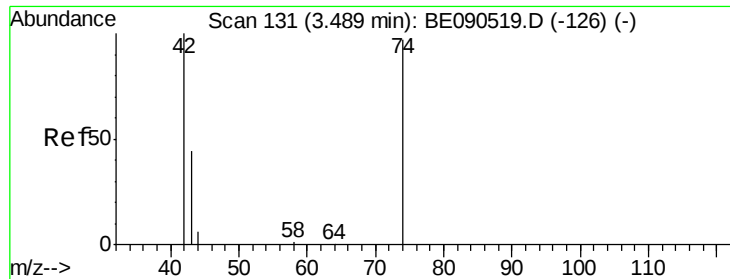


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.49 min Scan# 132

Delta R.T. 0.01 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

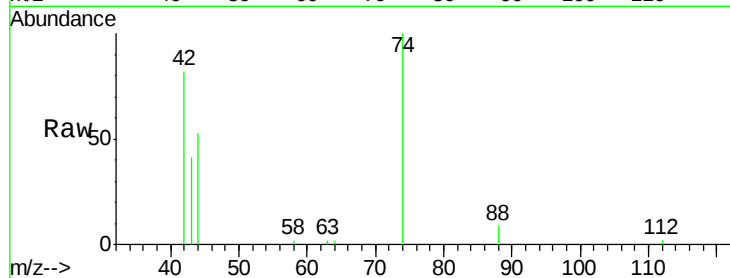
Tgt Ion: 42 Resp: 4133

Ion Ratio Lower Upper

42 100

74 120.0 75.2 112.8#

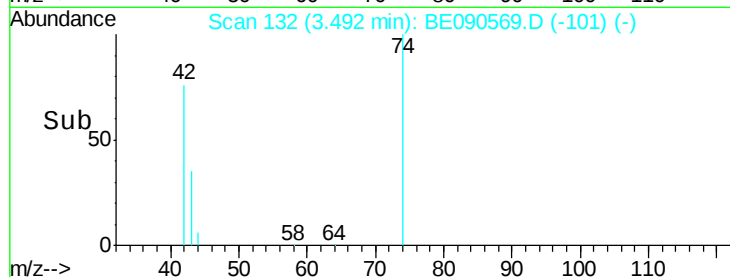
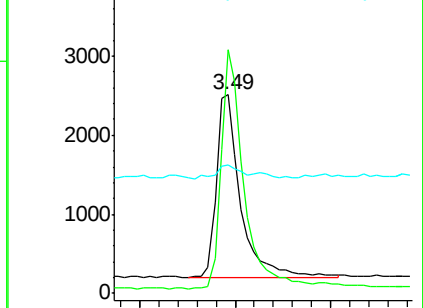
44 7.5 8.7 13.1#



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: 5.22 min Scan# 387

Delta R.T. 0.01 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

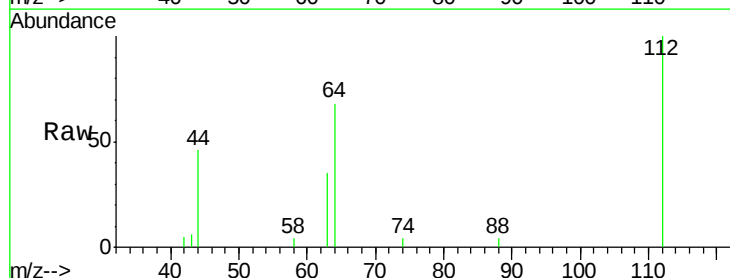
Tgt Ion: 112 Resp: 7555

Ion Ratio Lower Upper

112 100

64 68.8 37.1 55.7#

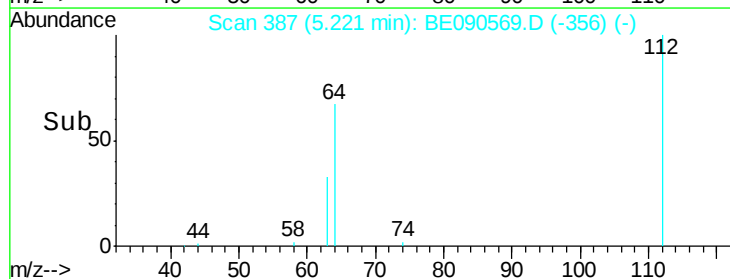
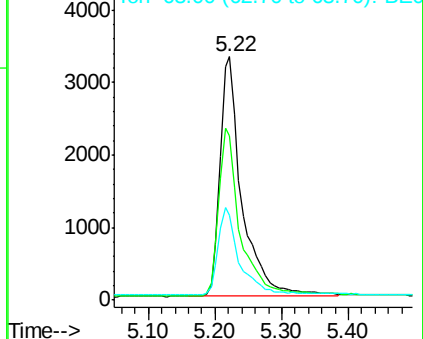
63 36.0 19.5 29.3#

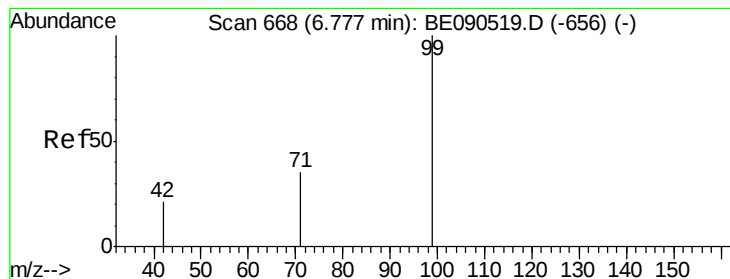


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

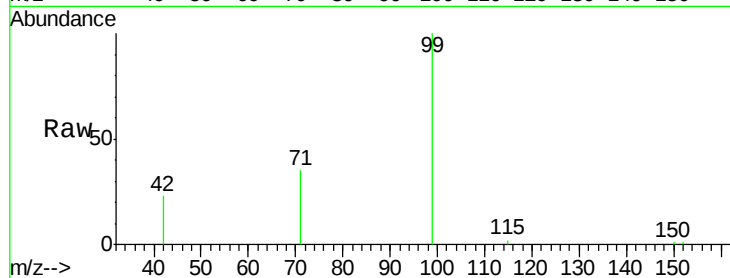
Tgt Ion: 99 Resp: 10702

Ion Ratio Lower Upper

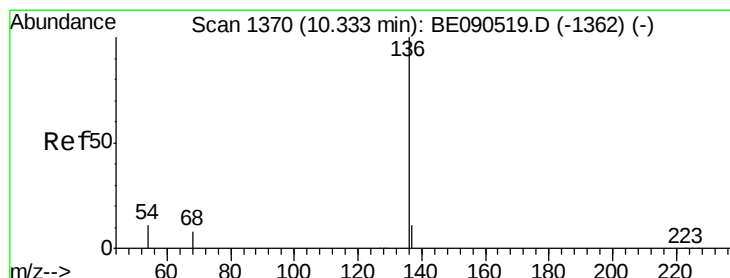
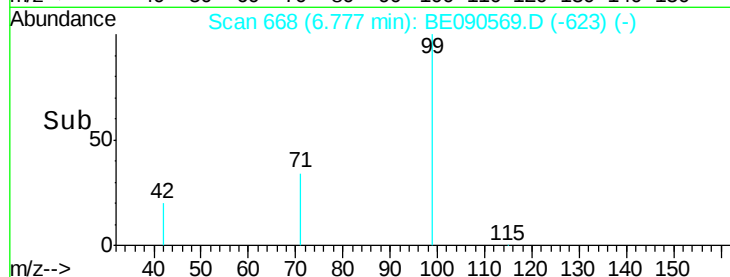
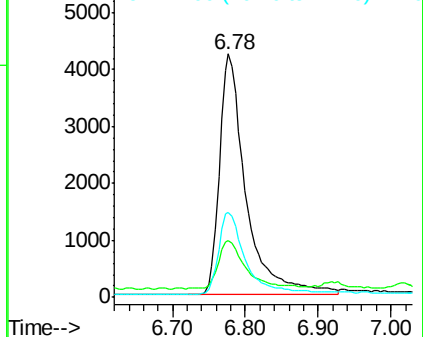
99 100

42 20.8 18.2 27.4

71 35.3 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: BE090569.D

Acq: 19 Aug 2015 00:22

Tgt Ion: 136 Resp: 126344

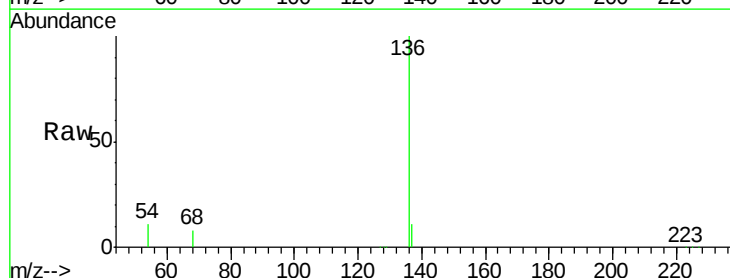
Ion Ratio Lower Upper

136 100

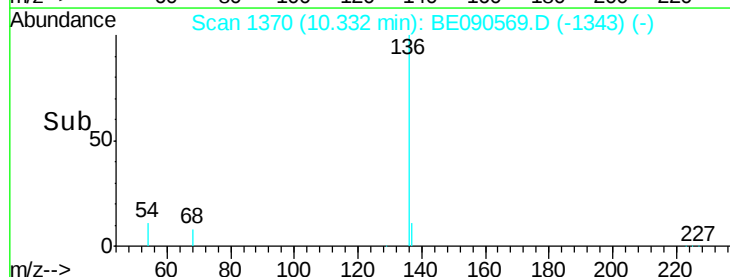
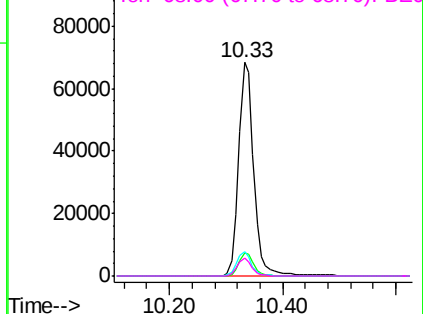
137 11.0 8.7 13.1

54 11.5 9.4 14.0

68 8.3 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: 0.97 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

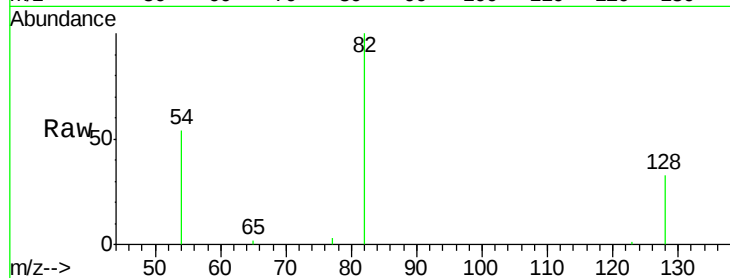
Tgt Ion: 82 Resp: 9777

Ion Ratio Lower Upper

82 100

128 32.6 25.0 37.6

54 53.8 48.8 73.2



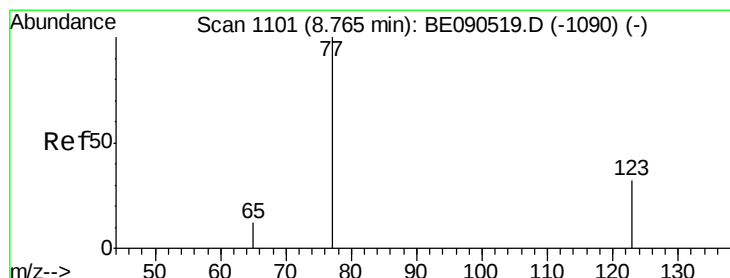
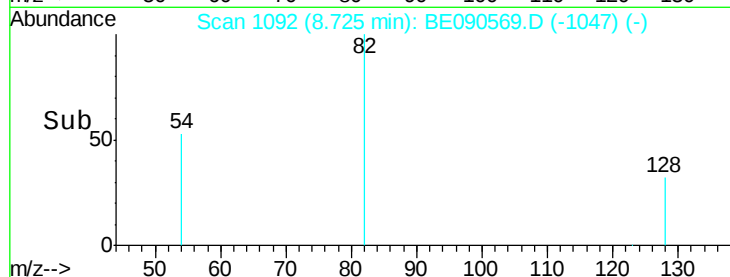
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.73

Time-->



#8

Nitrobenzene

Concen: 0.95 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

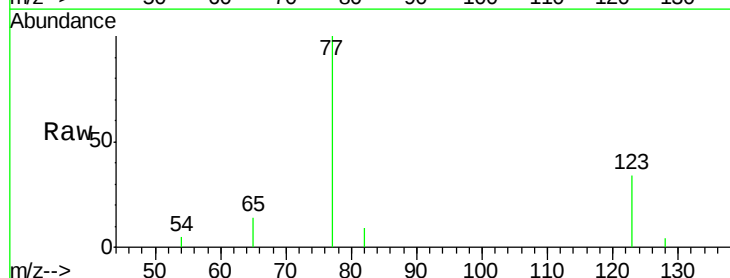
Tgt Ion: 77 Resp: 9900

Ion Ratio Lower Upper

77 100

123 34.2 25.1 37.7

65 12.5 9.3 13.9



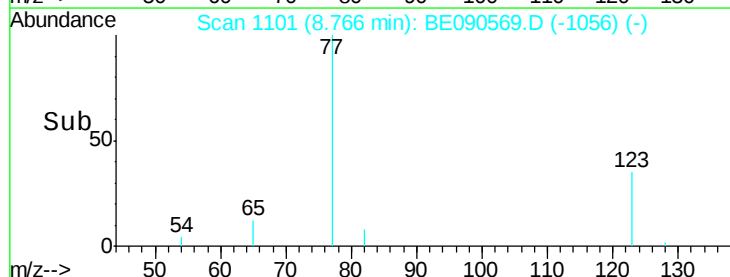
Abundance Ion 77.00 (76.70 to 77.70): BE0

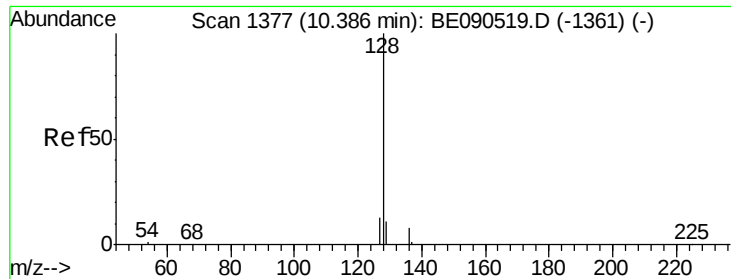
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.77

Time-->





#9

Naphthalene

Concen: 0.98 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

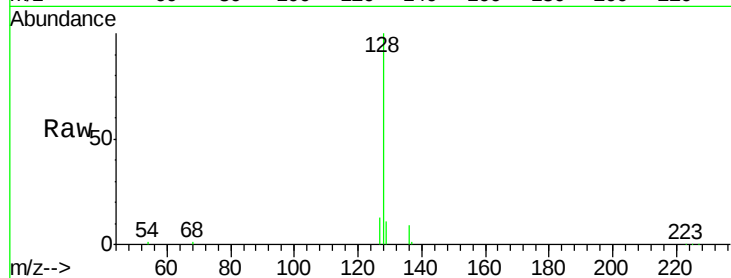
Tgt Ion:128 Resp: 28248

Ion Ratio Lower Upper

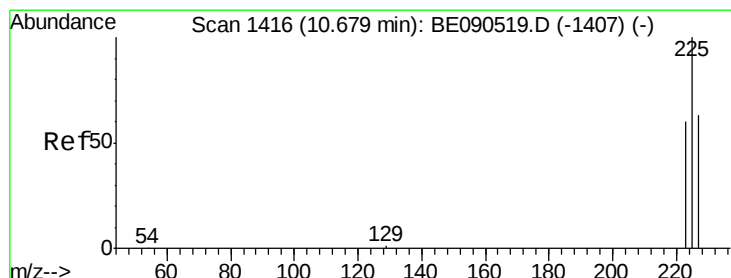
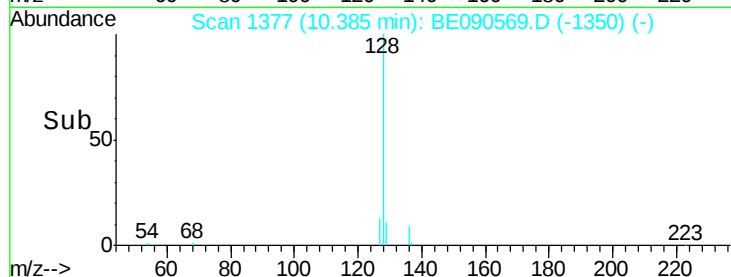
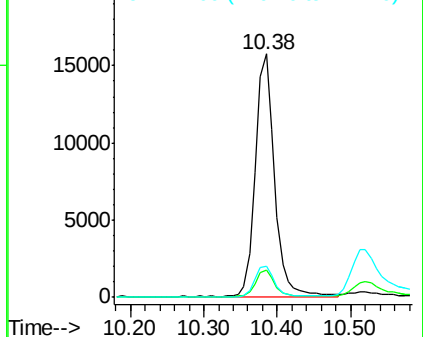
128 100

129 11.3 9.8 14.6

127 12.9 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: 0.99 ng

RT: 10.68 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

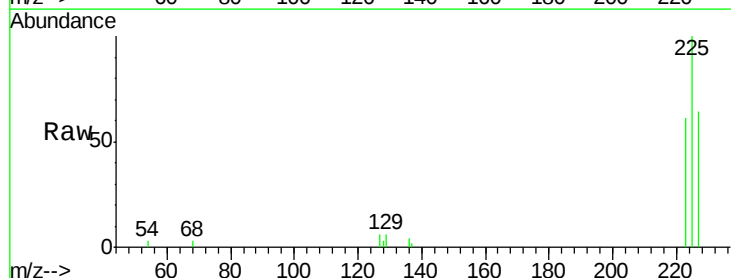
Tgt Ion:225 Resp: 4178

Ion Ratio Lower Upper

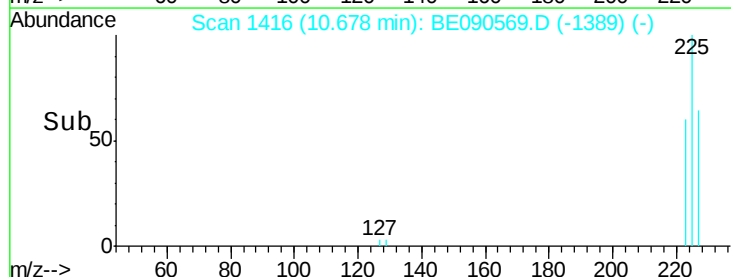
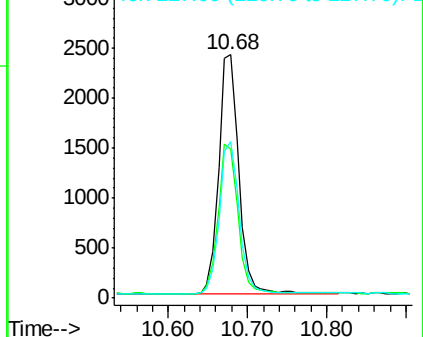
225 100

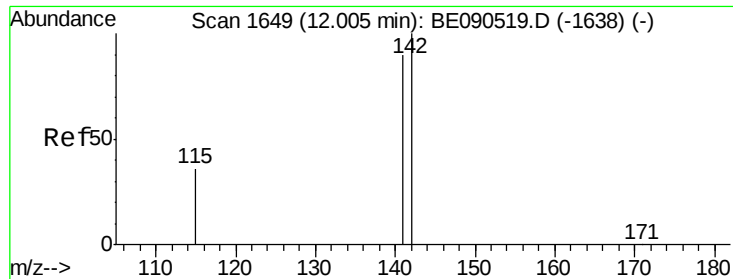
223 61.9 50.6 75.8

227 63.3 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

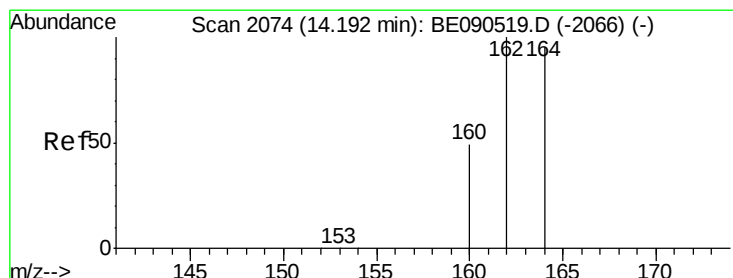
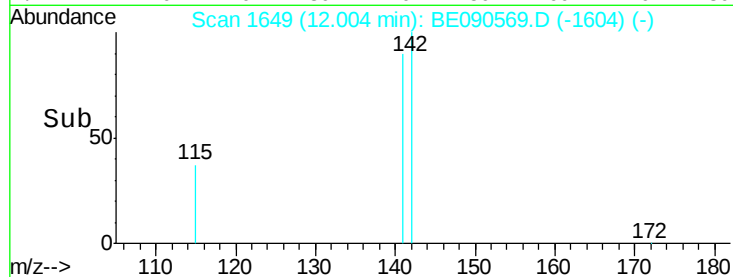
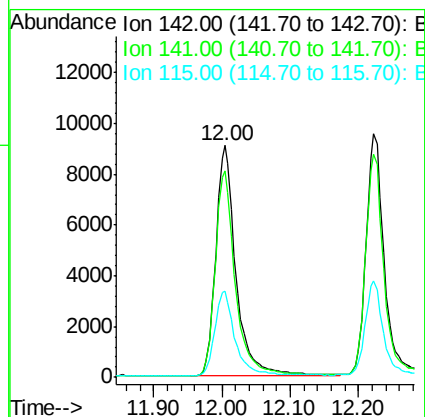
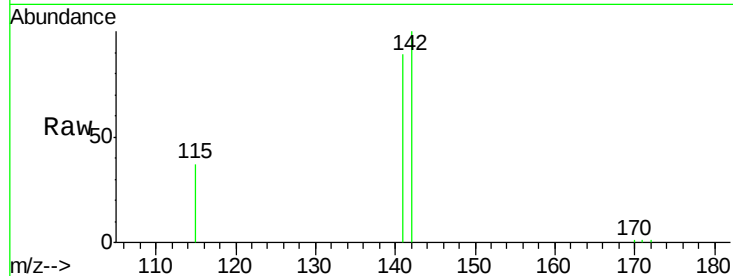




#11
2-Methylnaphthalene
Concen: 1.00 ng
RT: 12.00 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

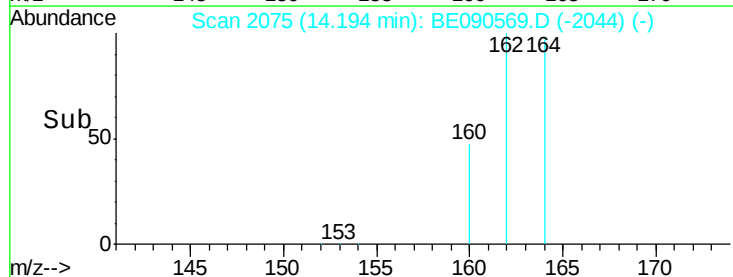
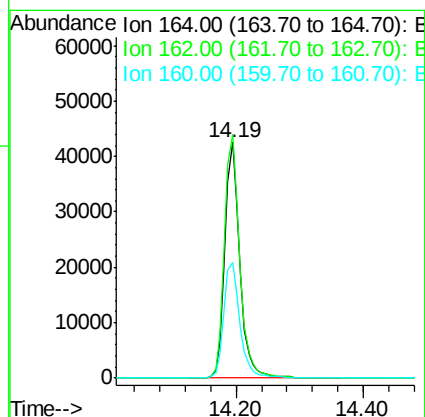
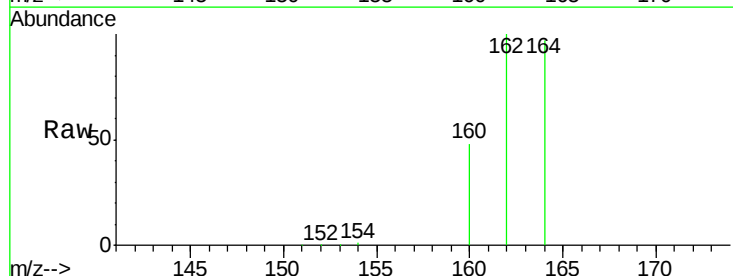
Instrument :
BNA_E
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SSTDCCC001EC

Tgt Ion:142 Resp: 18613
Ion Ratio Lower Upper
142 100
141 89.3 72.6 109.0
115 37.3 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:164 Resp: 69031
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.8
160 49.1 44.2 66.4

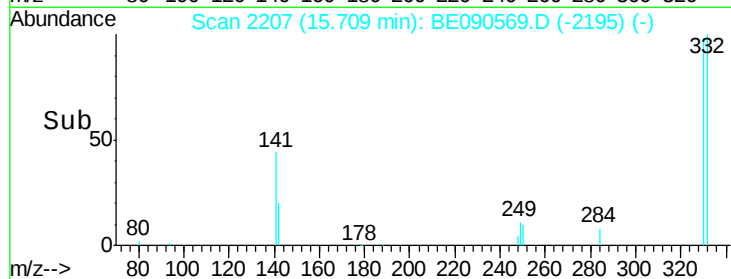
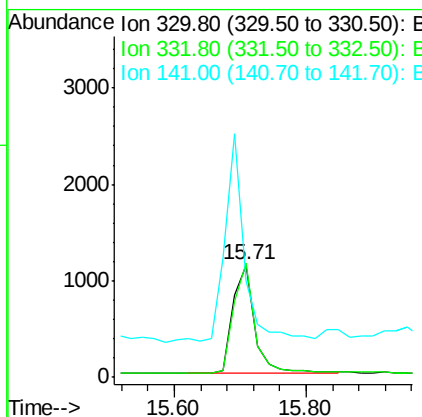
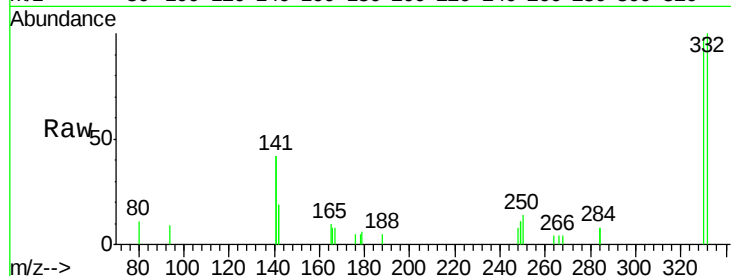




#13
 2,4,6-Tribromophenol
 Concen: 0.97 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090569.D
 Acq: 19 Aug 2015 00:22

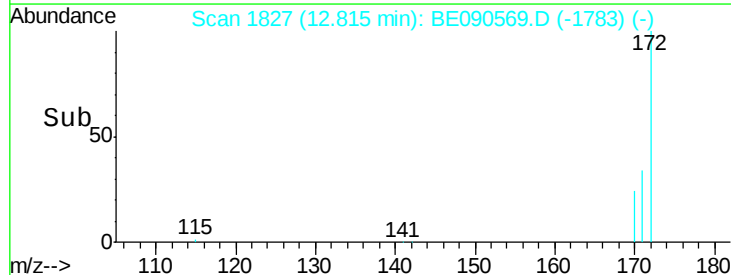
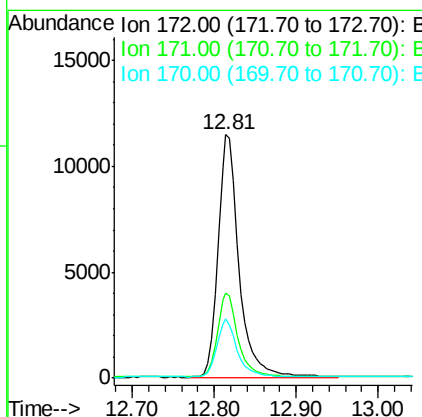
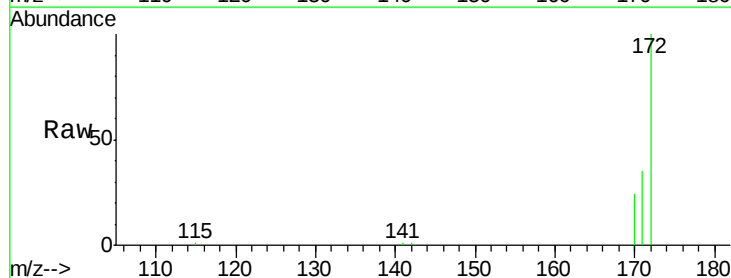
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

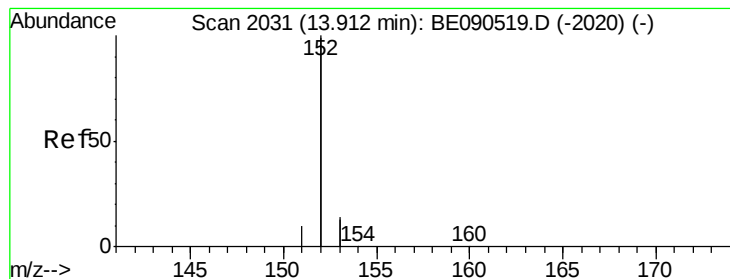
Tgt Ion:330 Resp: 2579
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.8 113.6
 141 172.7 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 1.00 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090569.D
 Acq: 19 Aug 2015 00:22

Tgt Ion:172 Resp: 20667
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 24.1 19.8 29.8





#15

Acenaphthylene

Concen: 1.00 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

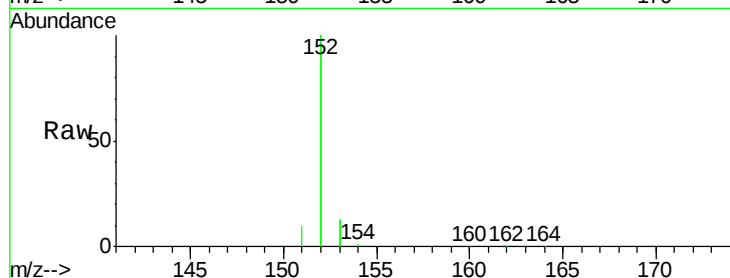
Tgt Ion:152 Resp: 125485

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

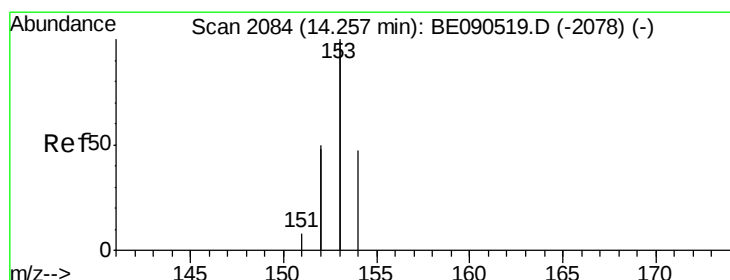
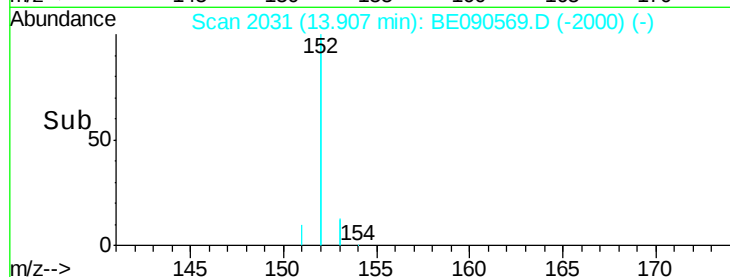
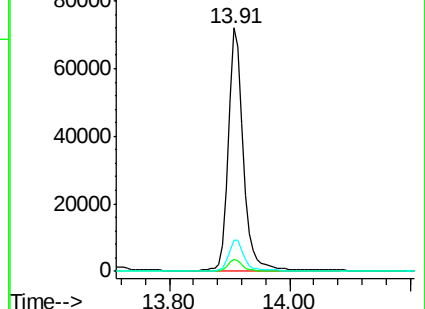
153 12.9 10.3 15.5



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# 2084

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

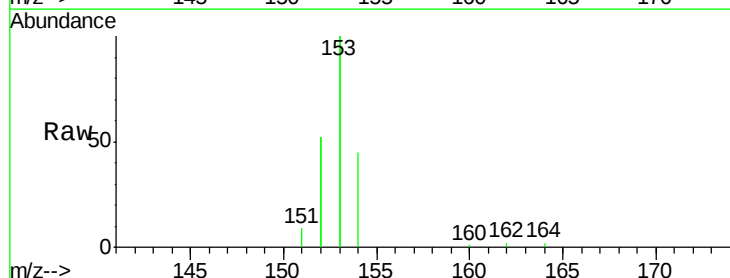
Tgt Ion:154 Resp: 18801

Ion Ratio Lower Upper

154 100

153 433.2 376.2 564.2

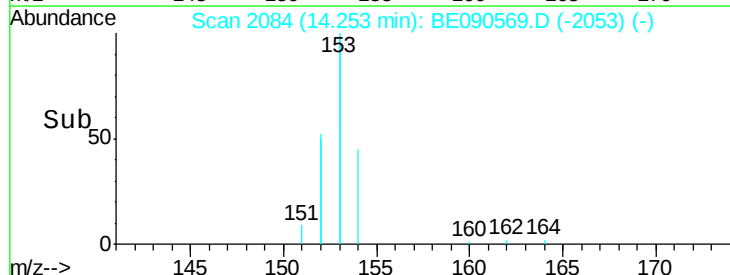
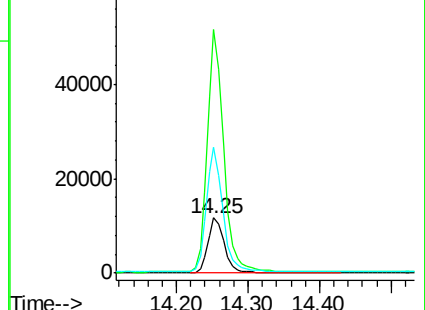
152 225.0 235.0 352.4#



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: 0.99 ng

RT: 15.24 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

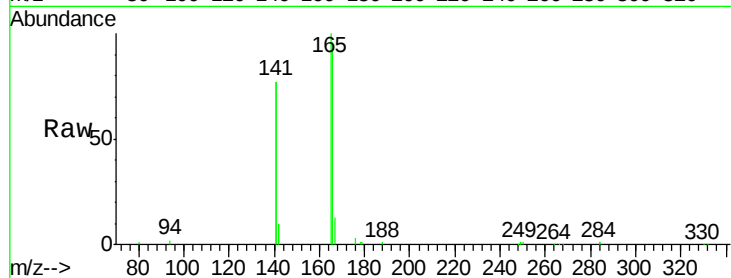
Tgt Ion:166 Resp: 22928

Ion Ratio Lower Upper

166 100

165 99.2 81.5 122.3

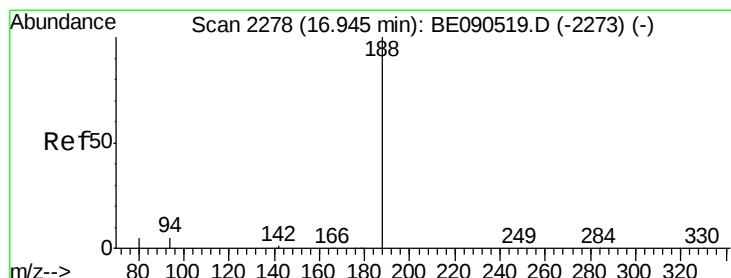
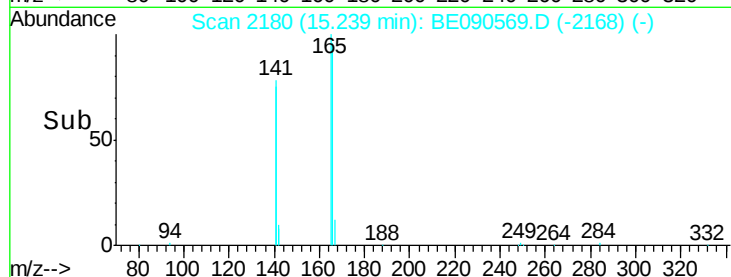
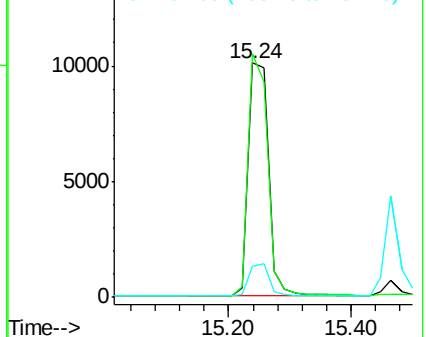
167 14.0 11.4 17.0



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: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

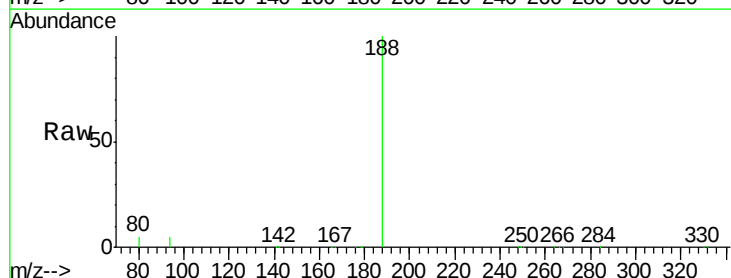
Tgt Ion:188 Resp: 147665

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

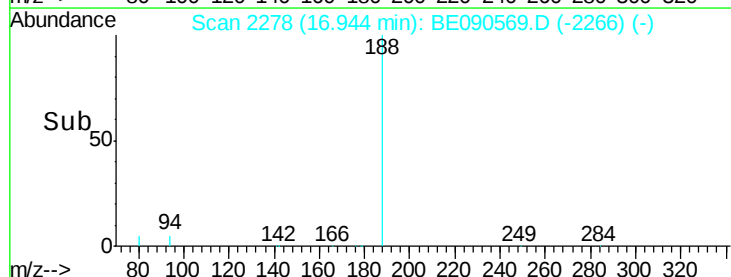
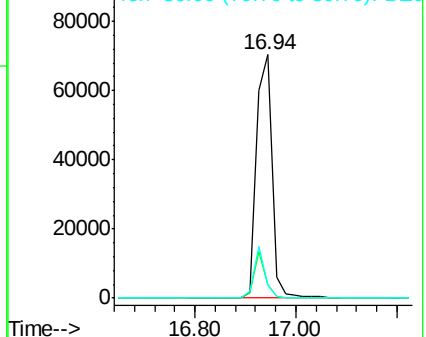
80 5.3 5.8 8.8#



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: 1.01 ng

RT: 16.14 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

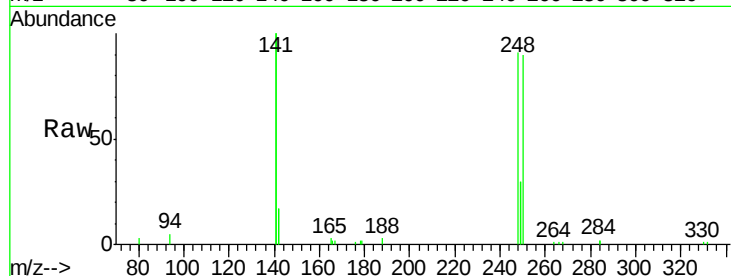
Tgt Ion:248 Resp: 6091

Ion Ratio Lower Upper

248 100

250 95.8 79.0 118.6

141 356.1 239.5 359.3



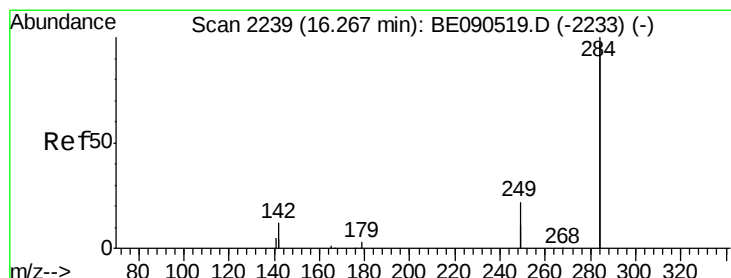
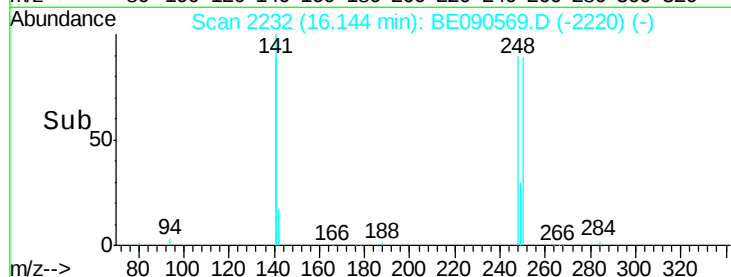
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.14

Time--> 16.00 16.10 16.20



#20

Hexachlorobenzene

Concen: 1.02 ng

RT: 16.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

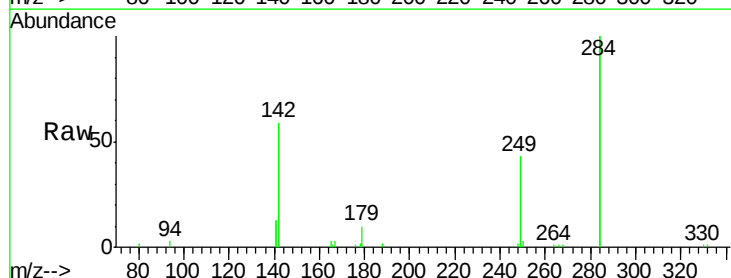
Tgt Ion:284 Resp: 27233

Ion Ratio Lower Upper

284 100

142 40.4 30.1 45.1

249 31.3 25.7 38.5



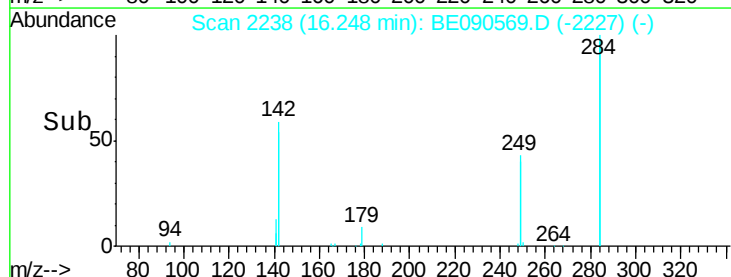
Abundance Ion 283.80 (283.50 to 284.50): E

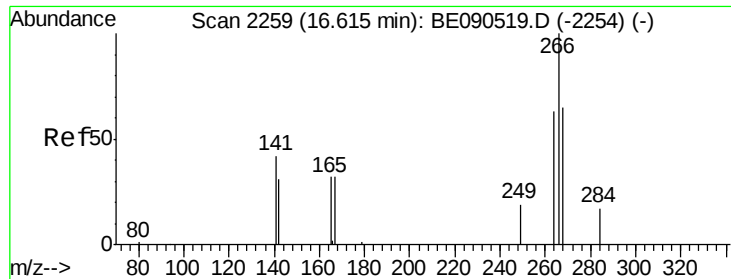
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.25

Time--> 16.20 16.30 16.40

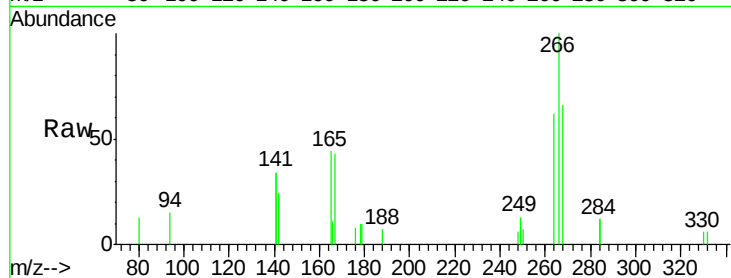




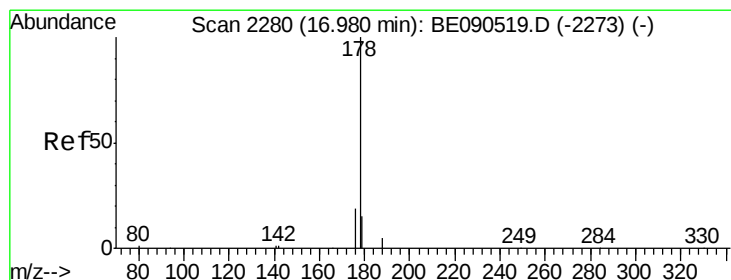
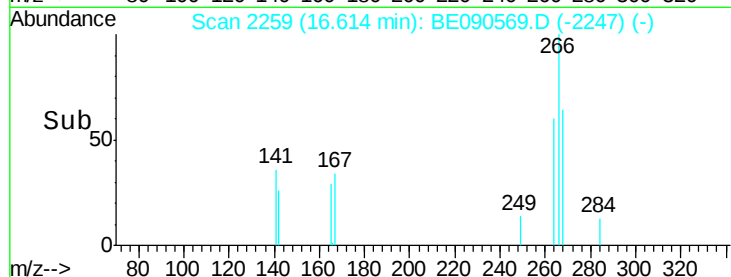
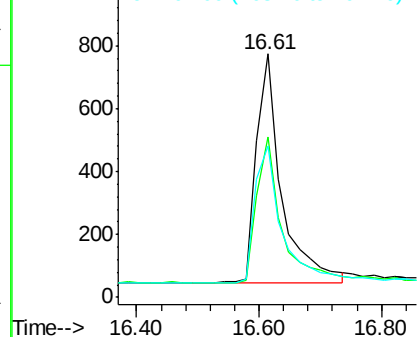
#21
 Pentachlorophenol
 Concen: 0.91 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090569.D
 Acq: 19 Aug 2015 00:22

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 2076
 Ion Ratio Lower Upper
 266 100
 268 66.0 58.5 87.7
 264 62.4 56.0 84.0

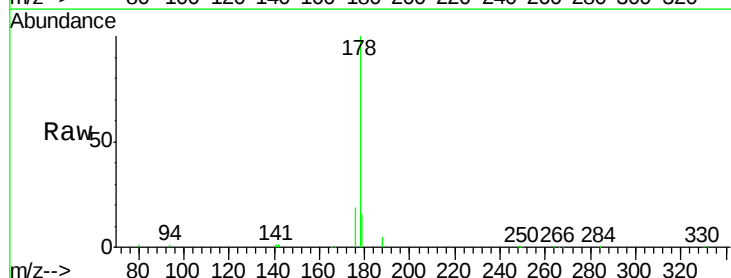


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

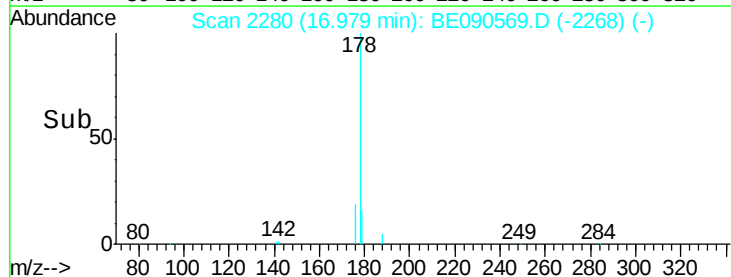
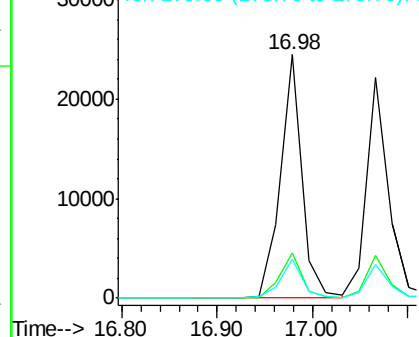


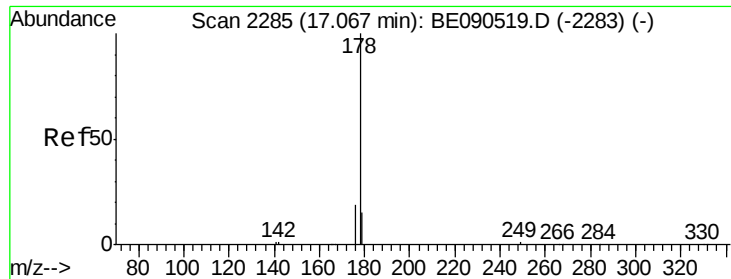
#22
 Phenanthrene
 Concen: 0.98 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE090569.D
 Acq: 19 Aug 2015 00:22

Tgt Ion: 178 Resp: 37818
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 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# 2285

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

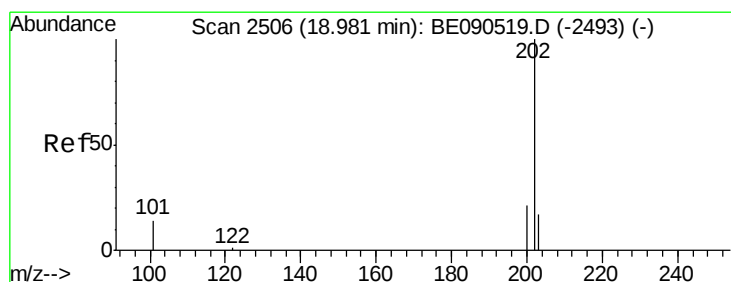
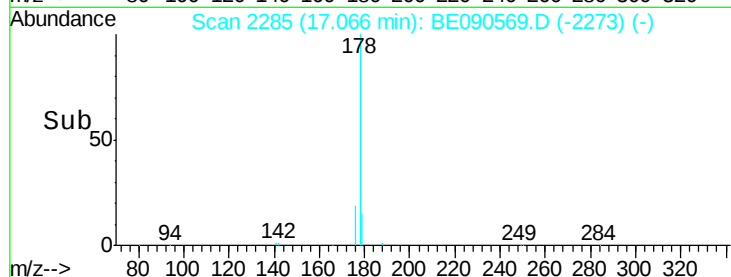
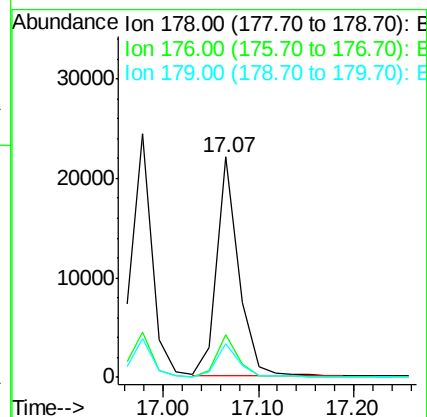
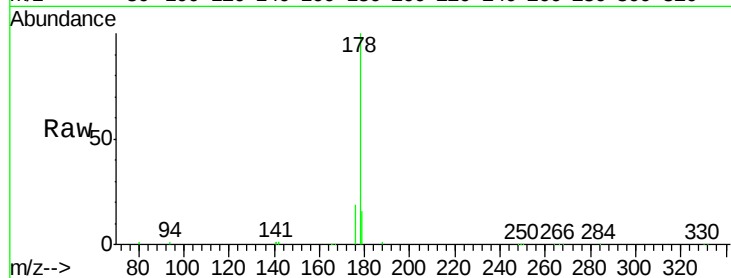
Tgt Ion:178 Resp: 35271

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 0.97 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

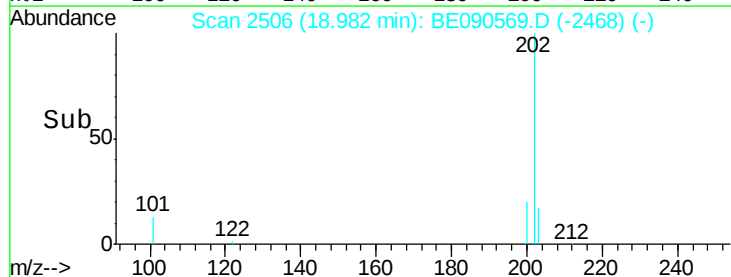
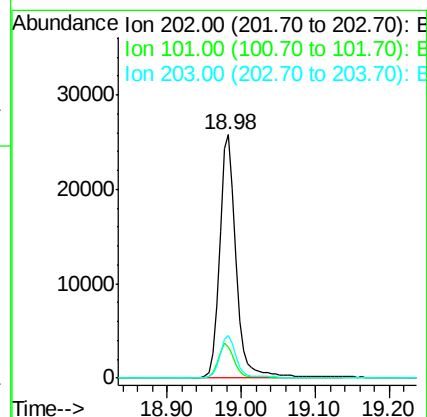
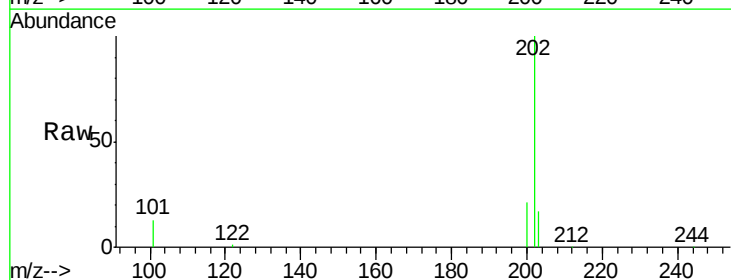
Tgt Ion:202 Resp: 40010

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.3 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: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

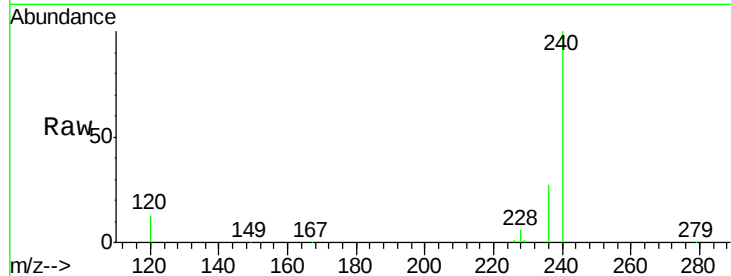
Tgt Ion:240 Resp: 144159

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

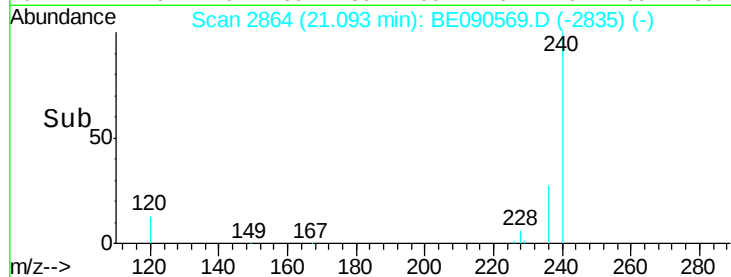
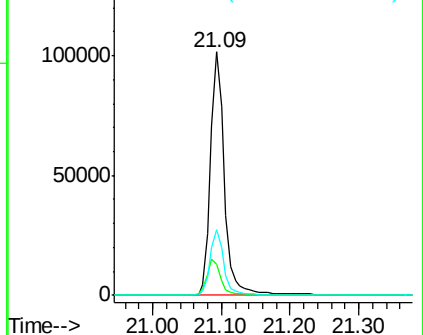
236 27.0 21.0 31.4



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: 1.00 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

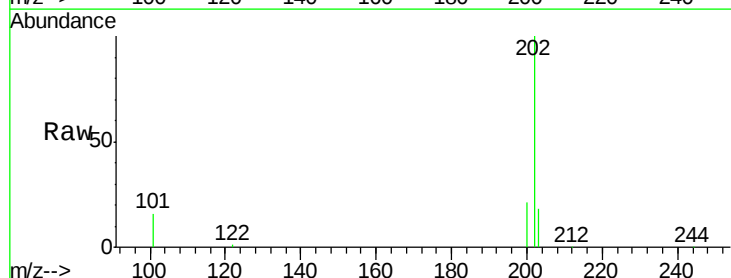
Tgt Ion:202 Resp: 41290

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

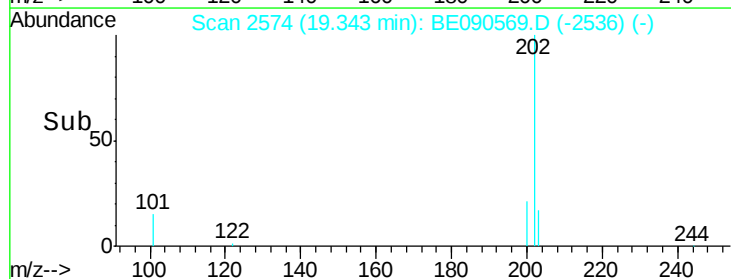
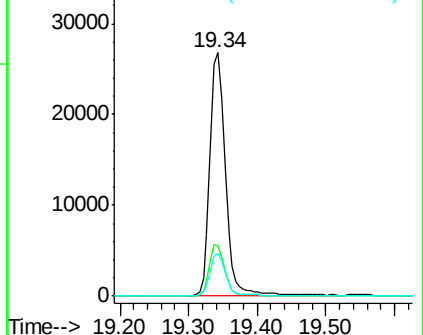
203 17.4 13.8 20.8



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

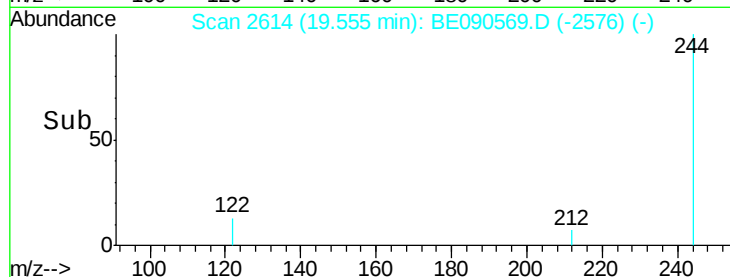
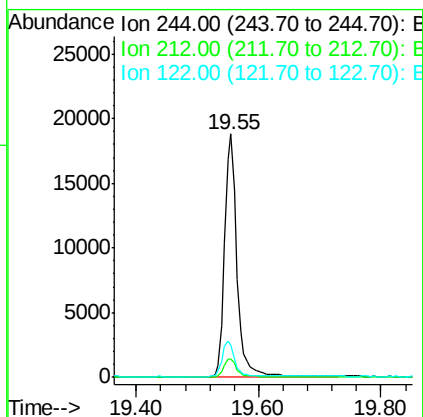
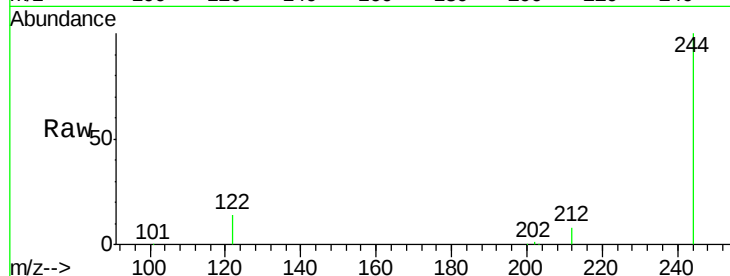




#27
 Terphenyl-d14
 Concen: 1.01 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090569.D
 Acq: 19 Aug 2015 00:22

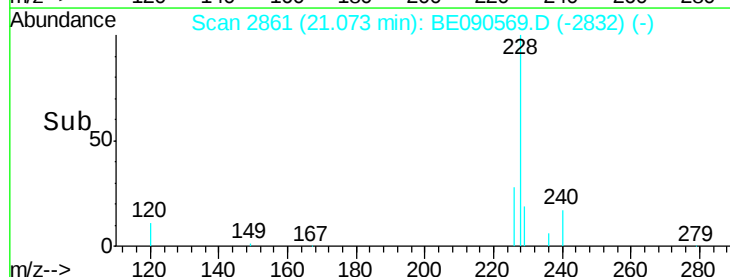
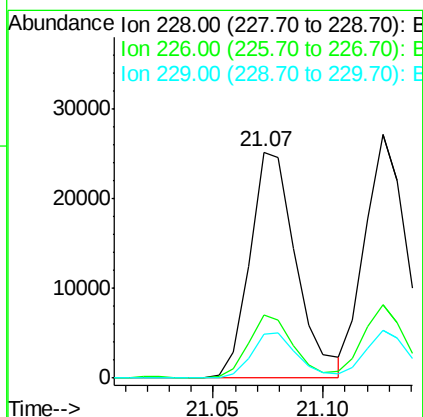
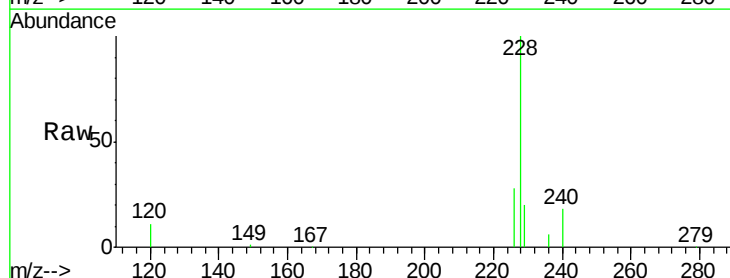
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 244 Resp: 26677
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 13.5 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.97 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090569.D
 Acq: 19 Aug 2015 00:22

Tgt Ion: 228 Resp: 36801
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.9 32.9
 229 19.5 15.4 23.0





#29

Chrysene

Concen: 0.99 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

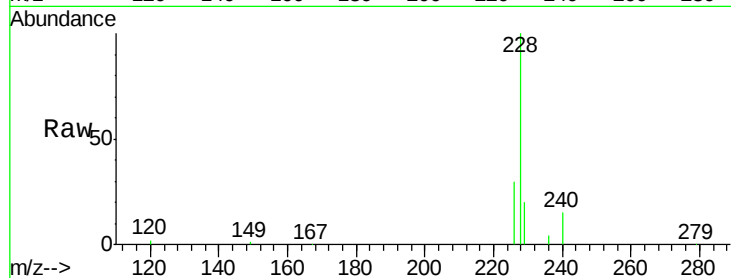
Tgt Ion:228 Resp: 38463

Ion Ratio Lower Upper

228 100

226 30.3 23.1 34.7

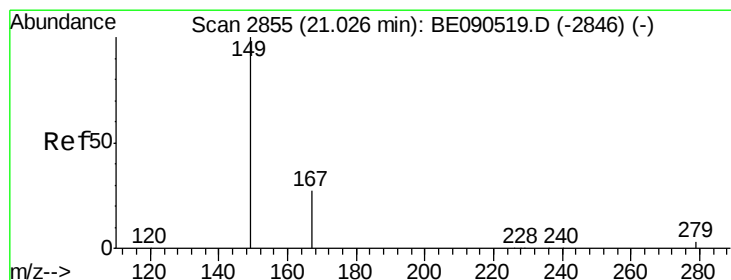
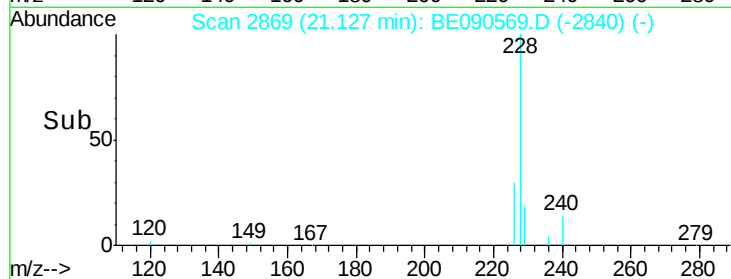
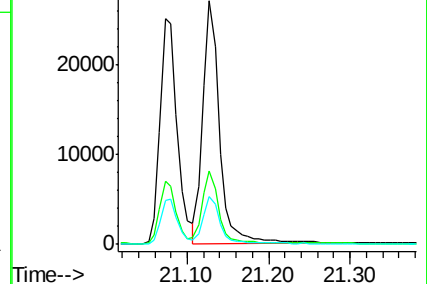
229 19.5 15.8 23.8



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: 1.03 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

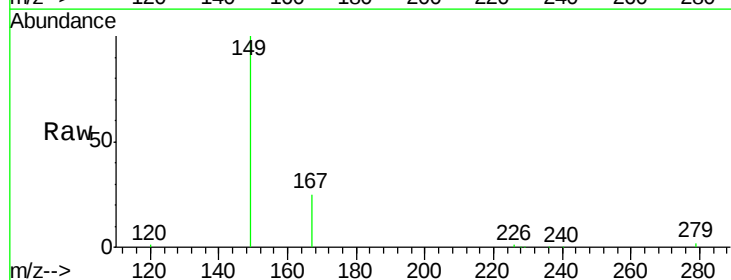
Tgt Ion:149 Resp: 20694

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

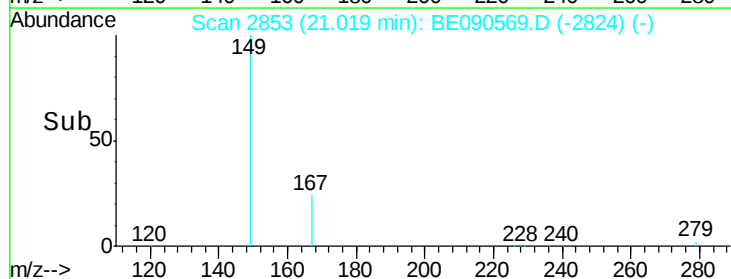
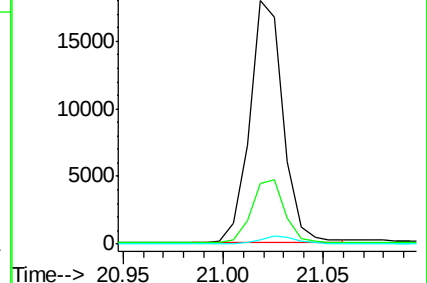
279 3.1 2.4 3.6



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: 0.96 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.01 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

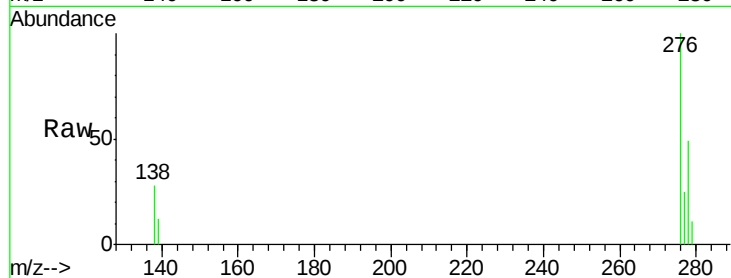
Tgt Ion:276 Resp: 35046

Ion Ratio Lower Upper

276 100

138 28.3 18.8 28.2#

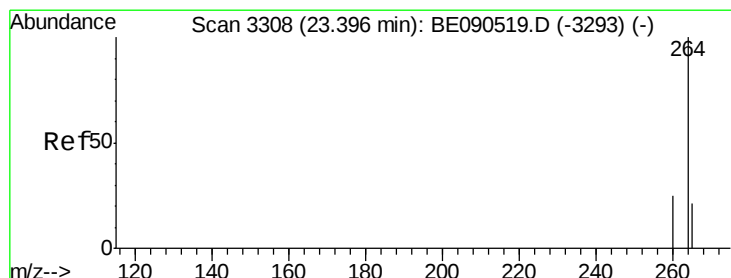
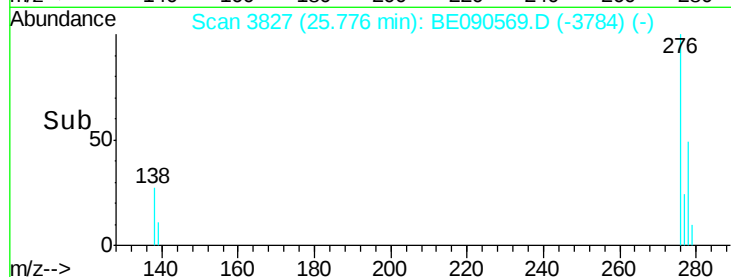
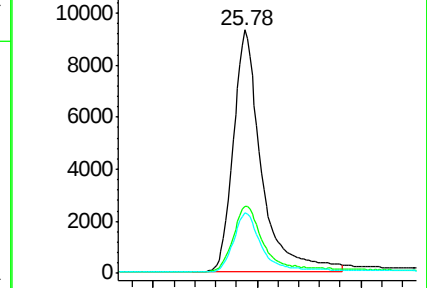
277 24.9 18.2 27.4



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: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

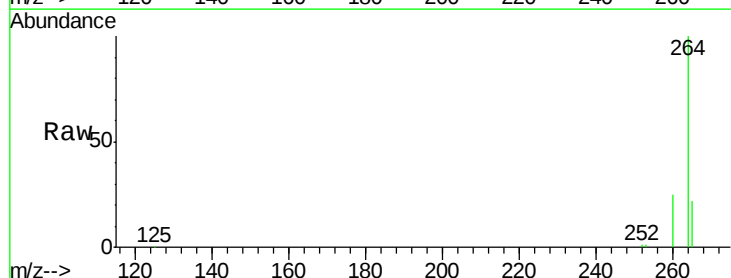
Tgt Ion:264 Resp: 131946

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

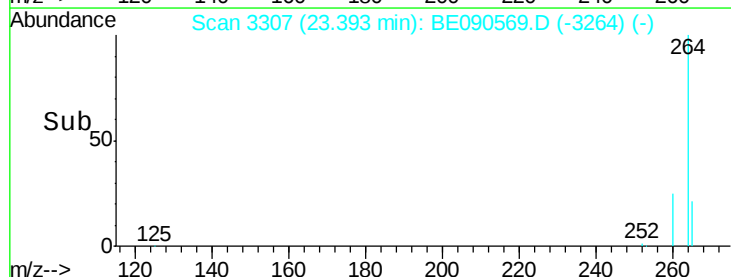
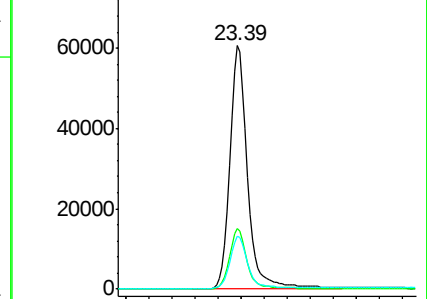
265 21.7 17.2 25.8

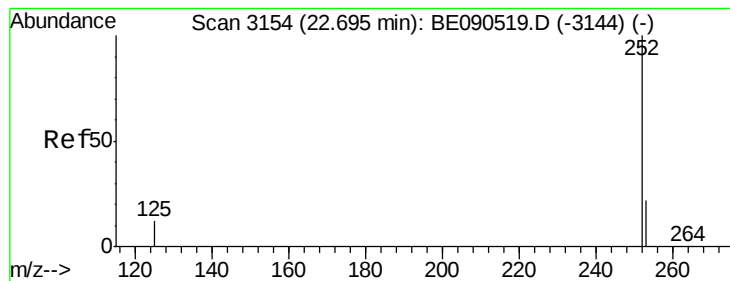


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.96 ng

RT: 22.69 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

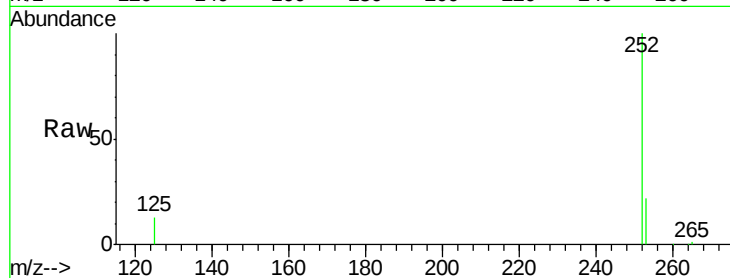
Tgt Ion:252 Resp: 30142

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

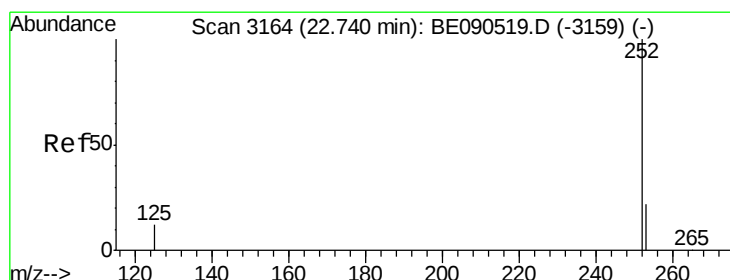
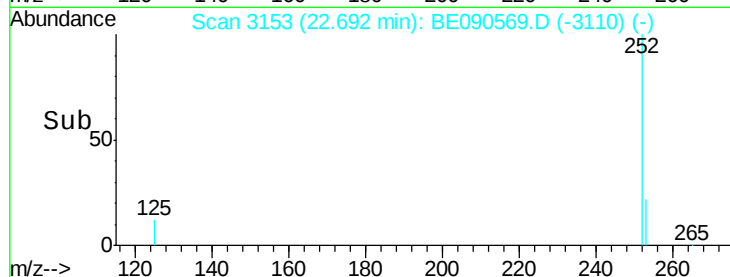
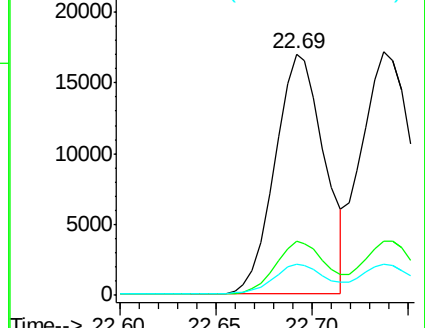
125 13.2 9.4 14.2



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: 1.03 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

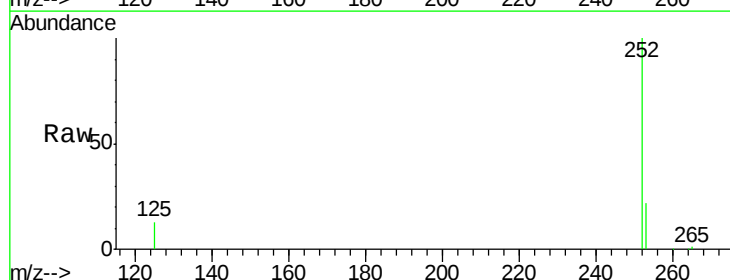
Tgt Ion:252 Resp: 36376

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

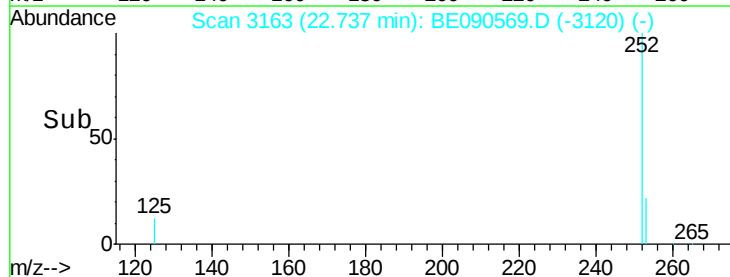
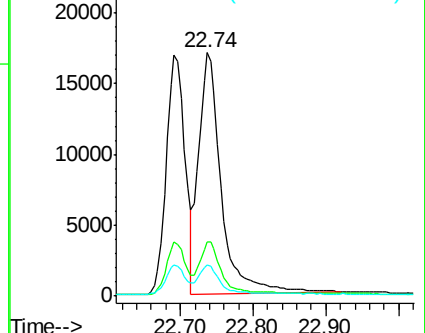
125 13.0 9.1 13.7



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: 0.99 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

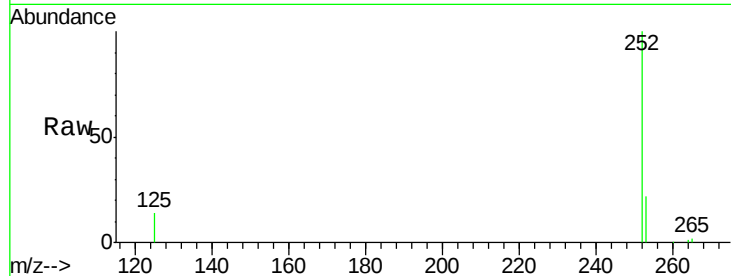
Tgt Ion:252 Resp: 28934

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

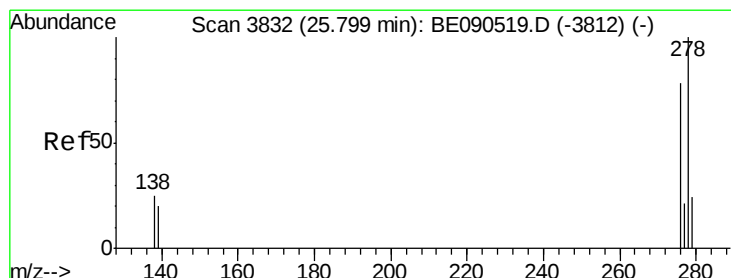
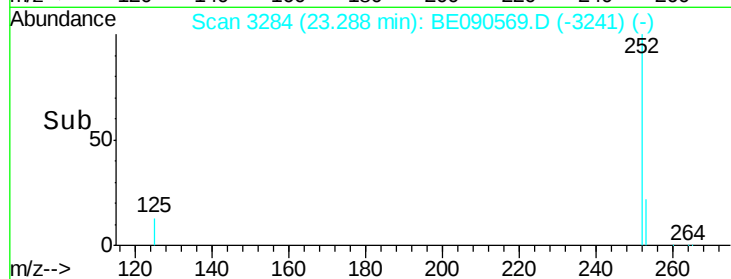
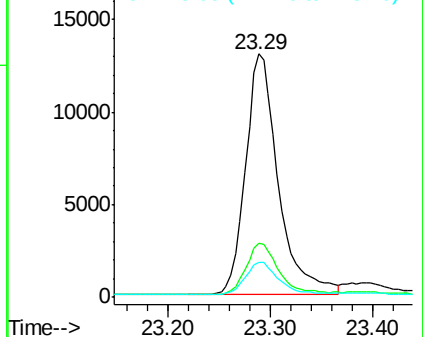
125 14.3 9.8 14.6



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: 0.95 ng

RT: 25.79 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090569.D

Acq: 19 Aug 2015 00:22

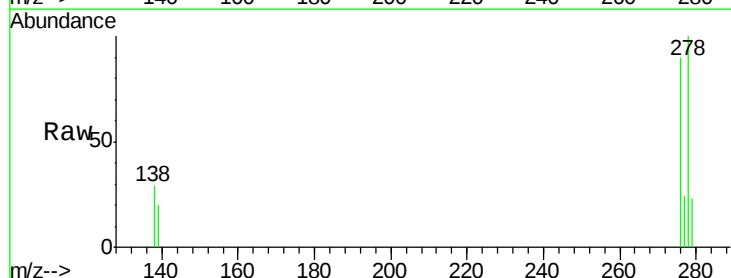
Tgt Ion:278 Resp: 26916

Ion Ratio Lower Upper

278 100

139 20.4 14.2 21.4

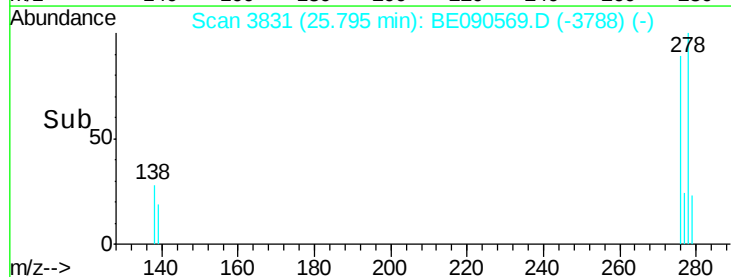
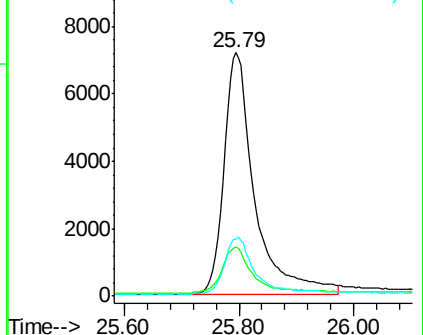
279 23.5 20.1 30.1

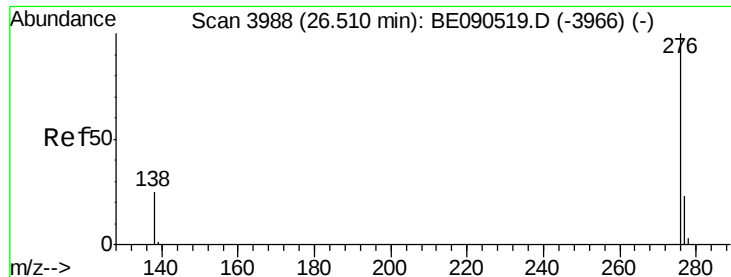


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.99 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090569.D

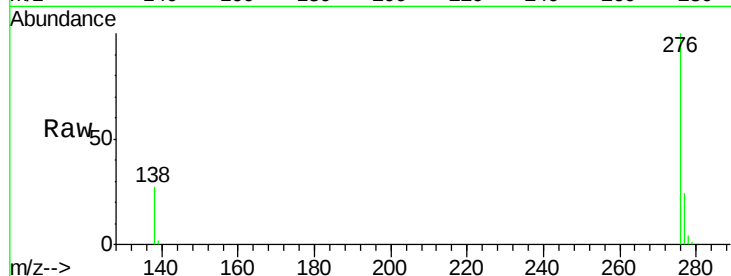
Acq: 19 Aug 2015 00:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 30475

Ion Ratio Lower Upper

276 100

277 23.9 20.1 30.1

138 26.6 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

