

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
 Data File : BE090688.D
 Acq On : 2 Sep 2015 4:25
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 02 05:05:28 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 01:57:39 2015
 Response via : Initial Calibration

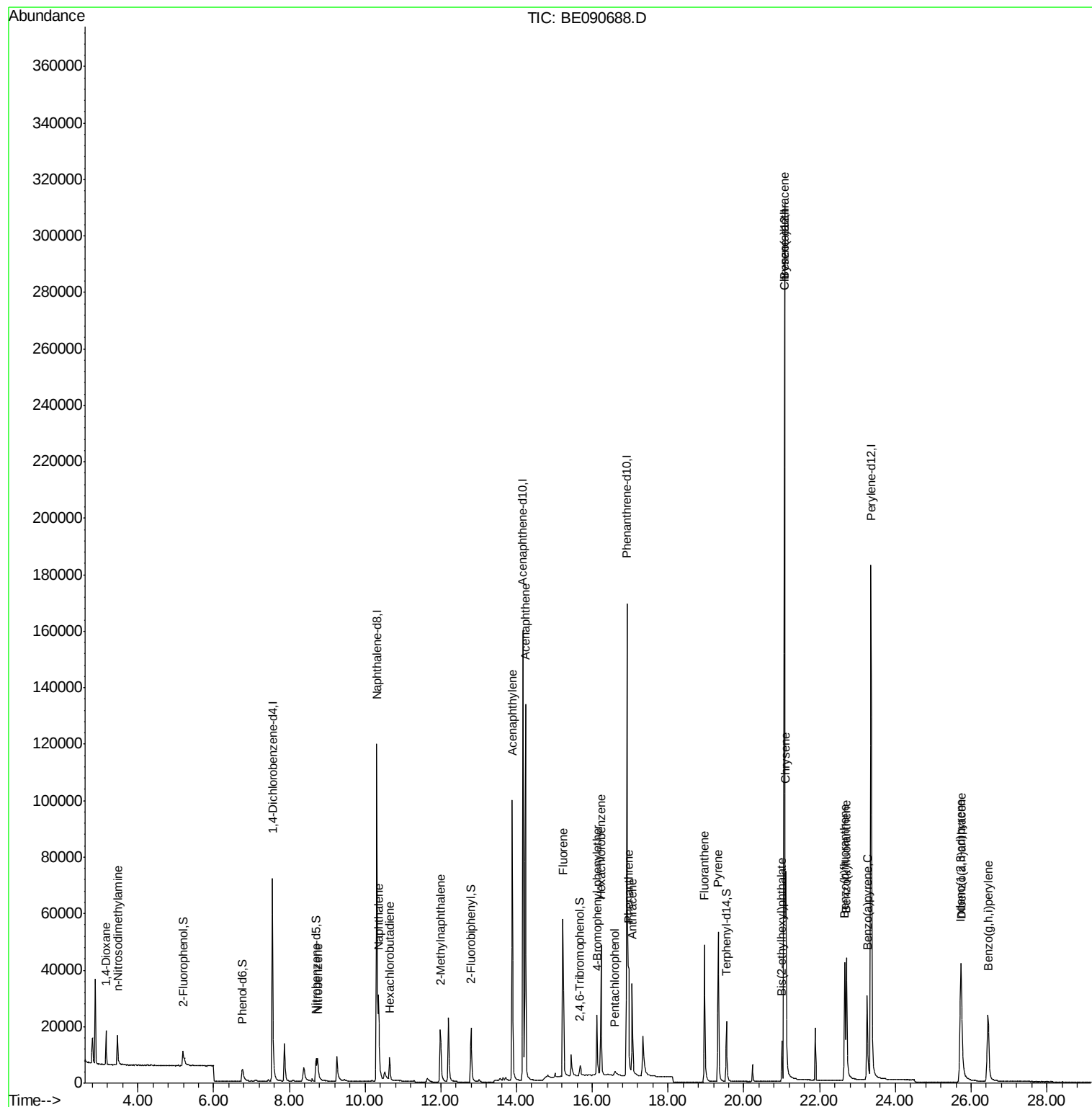
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	43351	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	188167	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	90978	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	221655	5.00	ng	0.00
25) Chrysene-d12	21.07	240	300813	5.00	ng	0.00
32) Perylene-d12	23.36	264	264131	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	8279	1.00	ng	0.00
5) Phenol-d6	6.76	99	11428	0.95	ng	0.00
7) Nitrobenzene-d5	8.71	82	11991	0.96	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	1980	0.88	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	24862	0.99	ng	0.00
27) Terphenyl-d14	19.54	244	31278	0.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	7083	1.12	ng	96
3) n-Nitrosodimethylamine	3.46	42	8168	1.00	ng	96
8) Nitrobenzene	8.75	77	12763	0.93	ng	98
9) Naphthalene	10.35	128	41100	1.00	ng	99
10) Hexachlorobutadiene	10.65	225	6534	1.02	ng	100
11) 2-Methylnaphthalene	11.99	142	21840	0.98	ng	99
15) Acenaphthylene	13.89	152	142800	0.98	ng	100
16) Acenaphthene	14.23	154	24789	1.02	ng	99
17) Fluorene	15.22	166	29613	0.98	ng	98
19) 4-Bromophenyl-phenylether	16.13	248	7456	0.99	ng	98
20) Hexachlorobenzene	16.23	284	41830	1.06	ng	97
21) Pentachlorophenol	16.60	266	1687	0.79	ng	# 90
22) Phenanthrene	16.96	178	55561	1.01	ng	99
23) Anthracene	17.05	178	44782	0.98	ng	99
24) Fluoranthene	18.96	202	55978	0.97	ng	100
26) Pyrene	19.32	202	59514	0.96	ng	100
28) Benzo(a)anthracene	21.06	228	67439	1.01	ng	99
29) Chrysene	21.11	228	76878	1.05	ng	100
30) Bis(2-ethylhexyl)phthalate	21.01	149	13298	0.80	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	65798	0.93	ng	100
33) Benzo(b)fluoranthene	22.66	252	55655	0.97	ng	98
34) Benzo(k)fluoranthene	22.71	252	68034	1.02	ng	100
35) Benzo(a)pyrene	23.26	252	49359	0.96	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	51535	0.94	ng	98
37) Benzo(g,h,i)perylene	26.45	276	55563	0.94	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.56 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

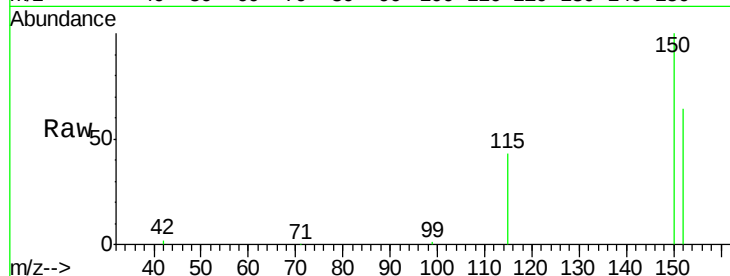
Tot Ion:152 Resp: 43351

Ion Ratio Lower Upper

152 100

150 156.6 122.2 183.4

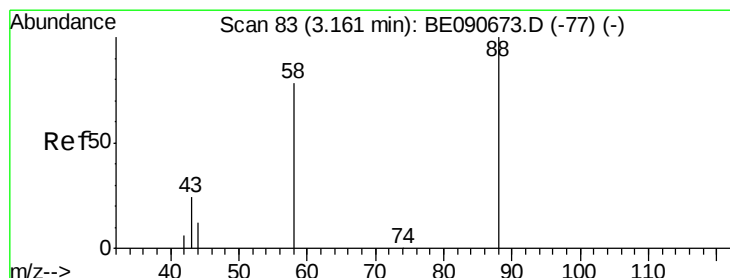
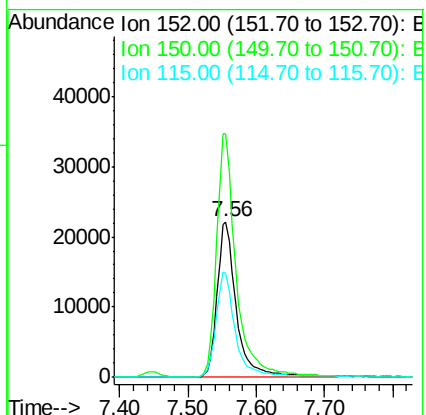
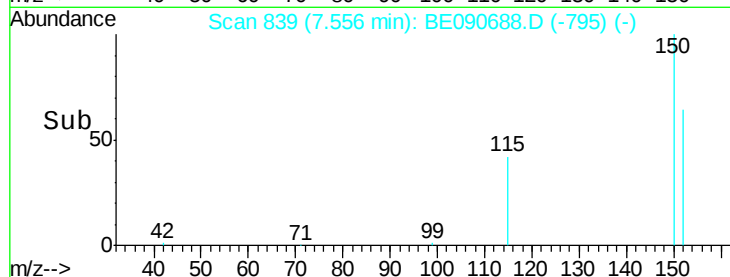
115 66.6 51.0 76.4



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: 1.12 ng

RT: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

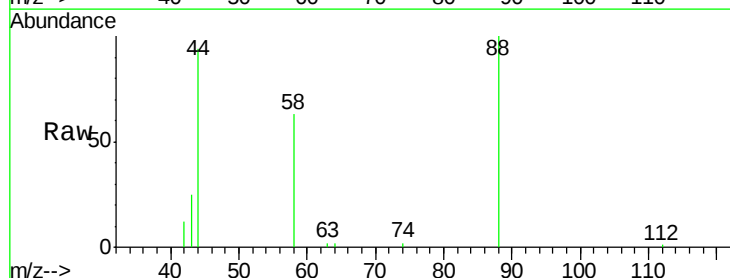
Tgt Ion: 88 Resp: 7083

Ion Ratio Lower Upper

88 100

58 82.9 68.4 102.6

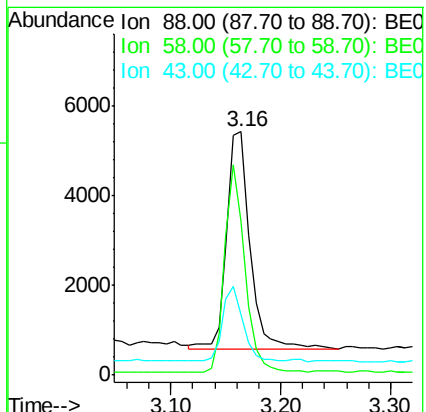
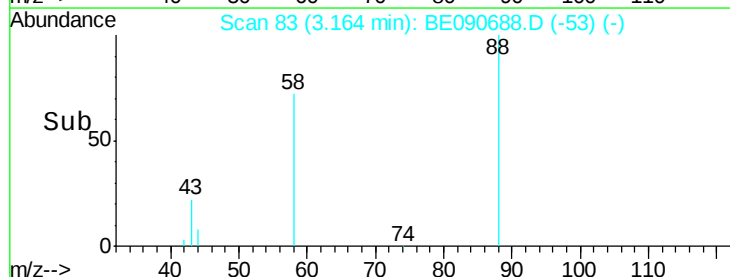
43 30.2 26.9 40.3



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



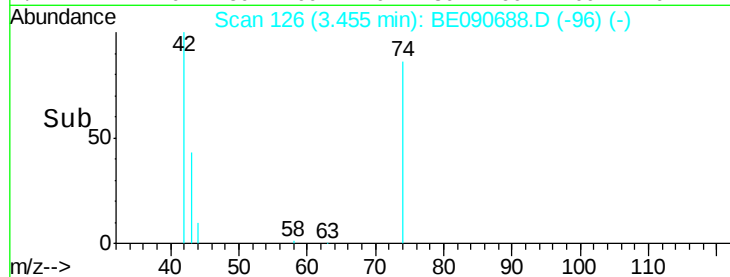
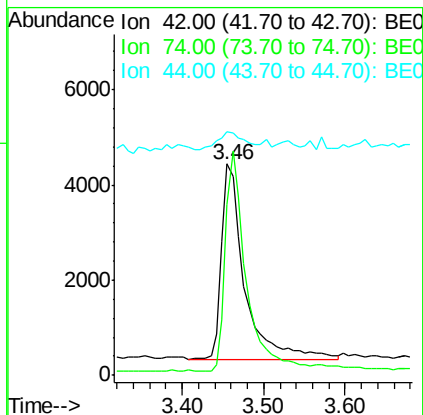
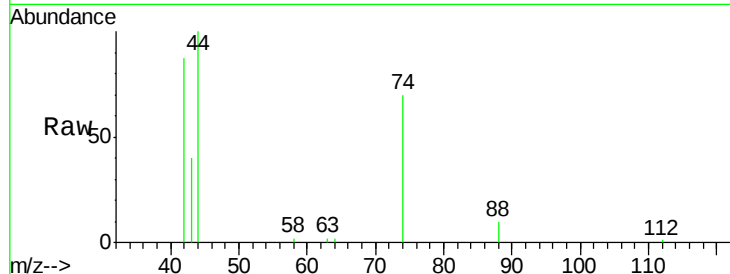


#3

n-Nitrosodimethylamine
Concen: 1.00 ng
RT: 3.46 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090688.D
Acq: 2 Sep 2015 4:25

Instrument :
BNA_E
ClientSampleId :

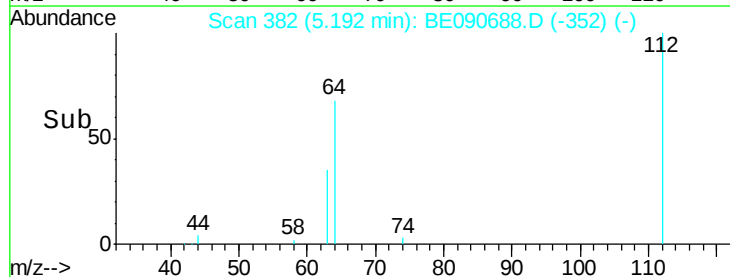
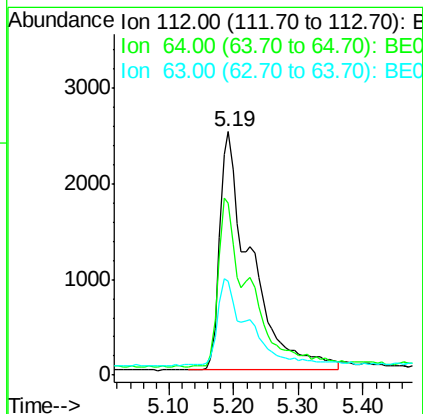
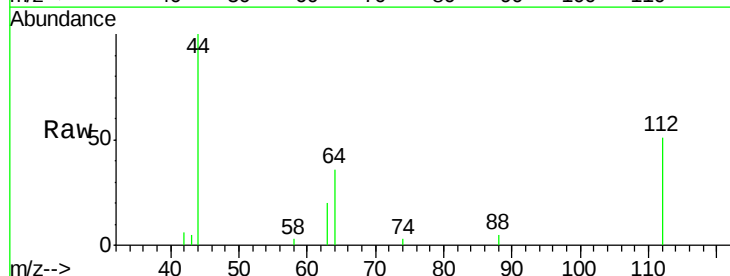
Tot Ion: 42 Resp: 8168
Ion Ratio Lower Upper
42 100
74 100.2 83.7 125.5
44 11.4 10.0 15.0



#4

2-Fluorophenol
Concen: 1.00 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090688.D
Acq: 2 Sep 2015 4:25

Tgt Ion: 112 Resp: 8279
Ion Ratio Lower Upper
112 100
64 40.9 57.3 85.9#
63 22.3 29.2 43.8#





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

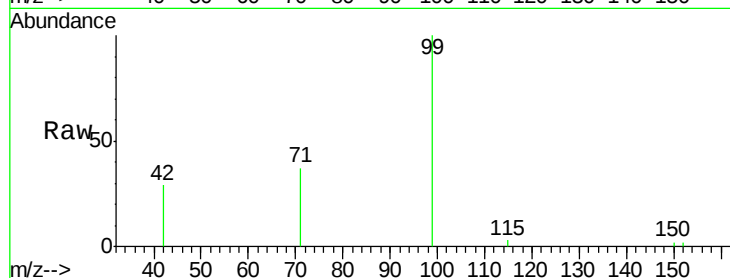
Tot Ion: 99 Resp: 11428

Ion Ratio Lower Upper

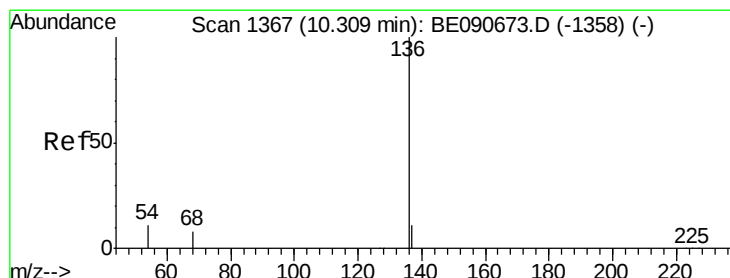
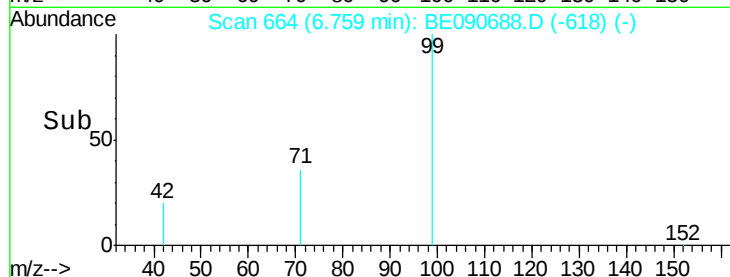
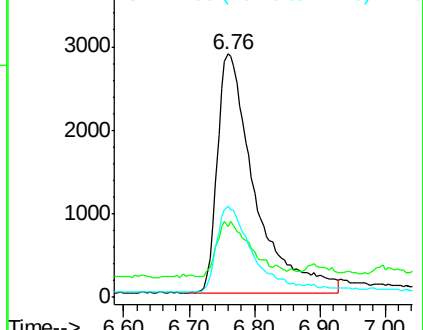
99 100

42 21.2 16.8 25.2

71 34.0 28.3 42.5



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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Tgt Ion: 136 Resp: 188167

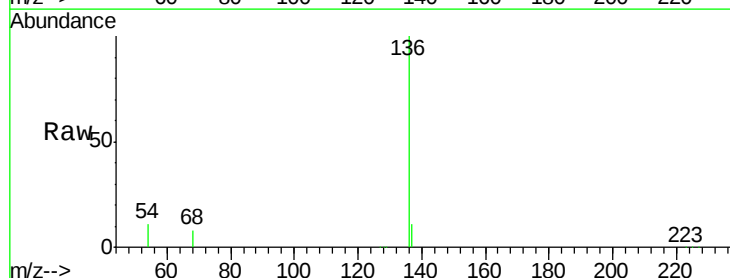
Ion Ratio Lower Upper

136 100

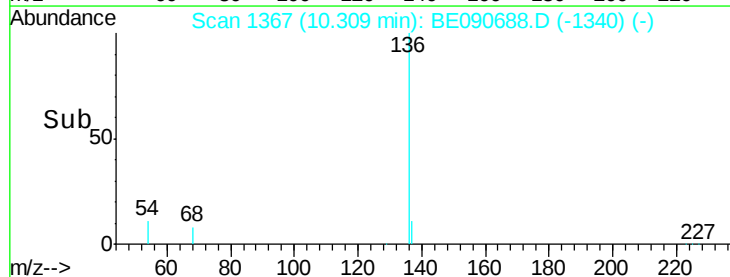
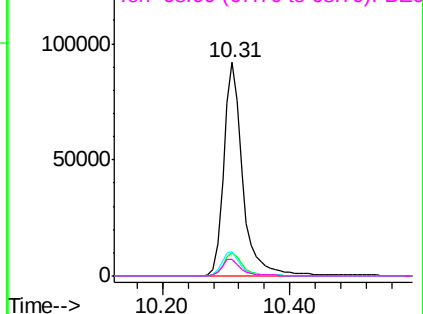
137 10.9 8.7 13.1

54 11.3 9.0 13.6

68 8.0 6.3 9.5



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: 0.96 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

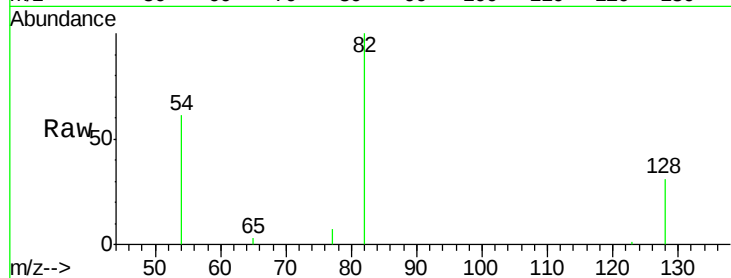
Tot Ion: 82 Resp: 11991

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.4

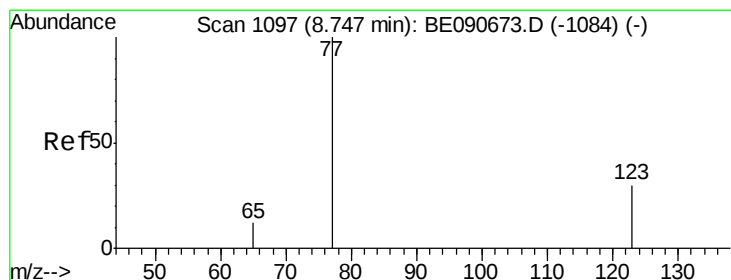
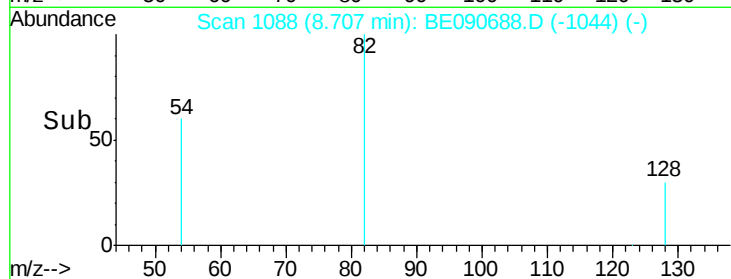
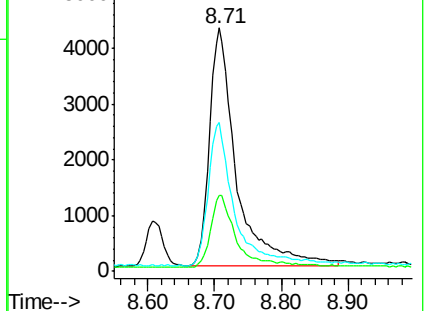
54 61.4 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE090673.D (-1078) (-)

Ion 128.00 (127.70 to 128.70): BE090673.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090673.D (-1078) (-)



#8

Nitrobenzene

Concen: 0.93 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

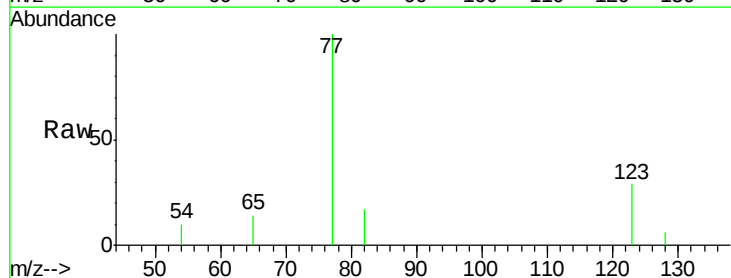
Tgt Ion: 77 Resp: 12763

Ion Ratio Lower Upper

77 100

123 30.4 25.1 37.7

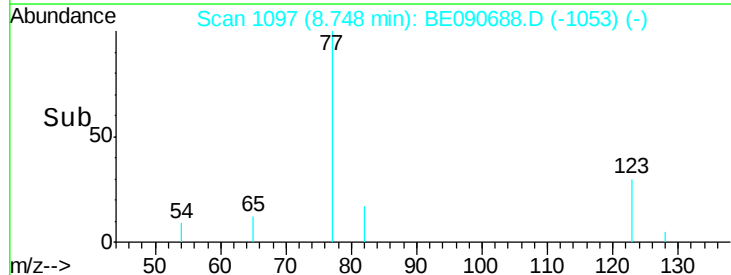
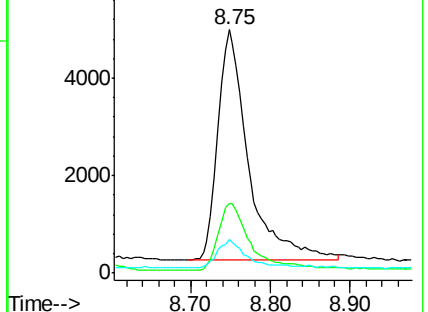
65 11.5 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE090673.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090673.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090673.D (-1084) (-)





#9

Naphthalene

Concen: 1.00 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

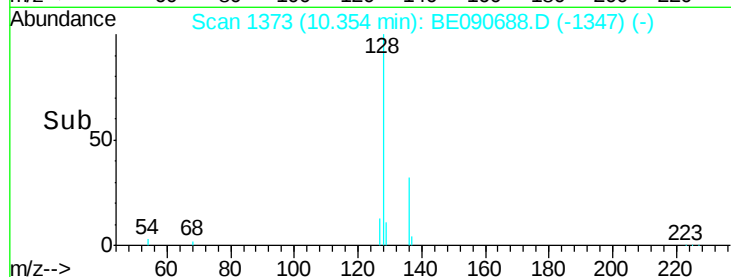
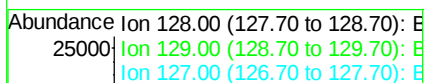
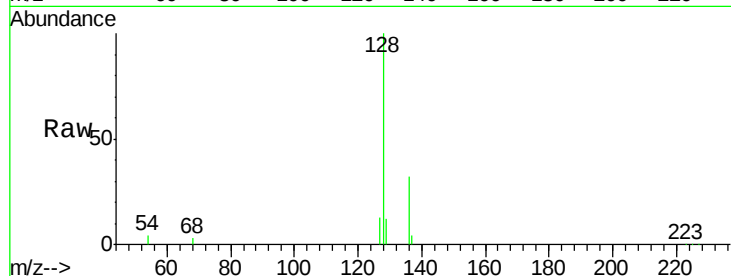
Instrument :

BNA_E

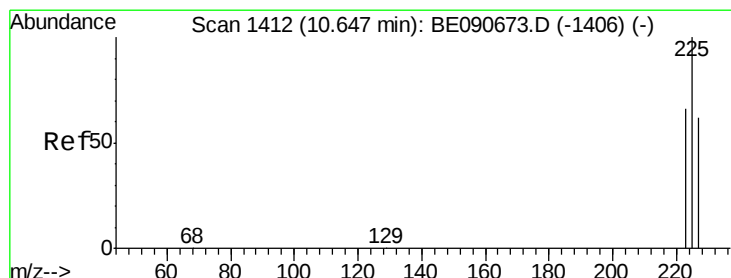
ClientSampled :

Tot Ion:128 Resp: 41100

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.5	10.6	15.8



Time-->



#10

Hexachlorobutadiene

Concen: 1.02 ng

RT: 10.65 min Scan# 1412

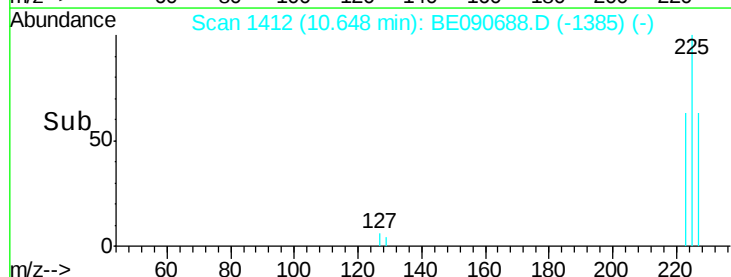
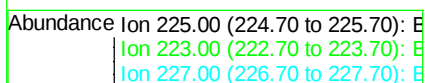
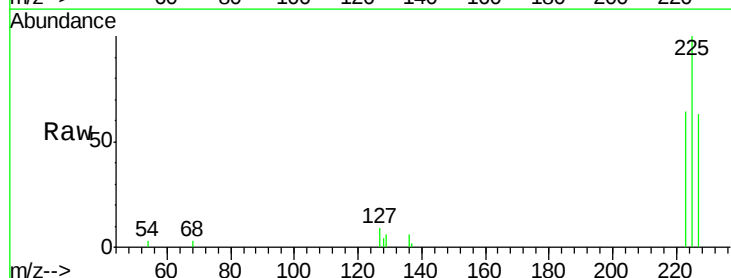
Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Tgt Ion:225 Resp: 6534

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.3	51.0	76.6



Time-->



#11

2-Methylnaphthalene

Concen: 0.98 ng

RT: 11.99 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

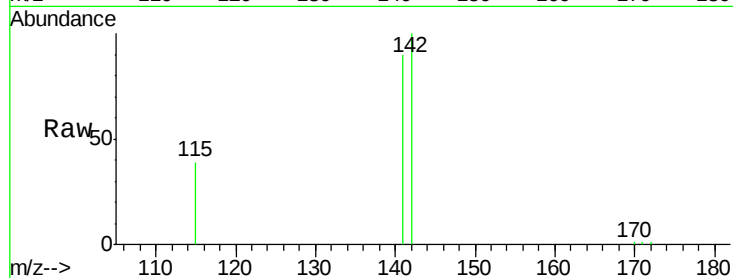
Tot Ion:142 Resp: 21840

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2

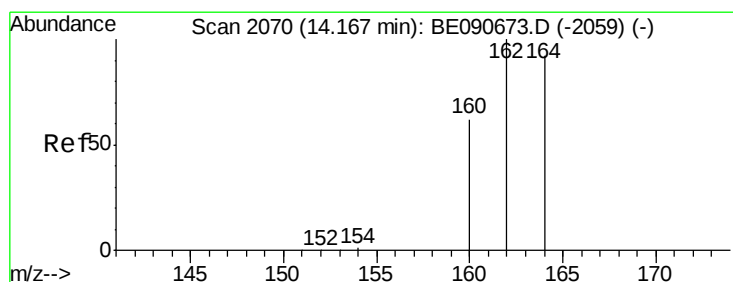
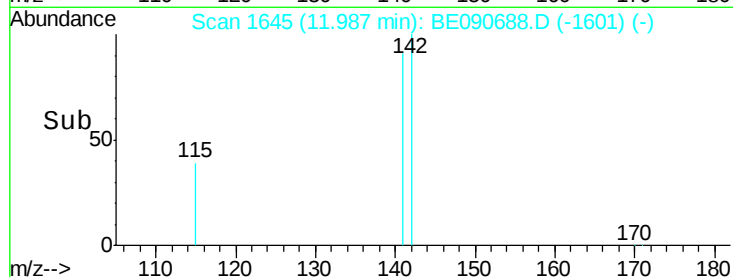
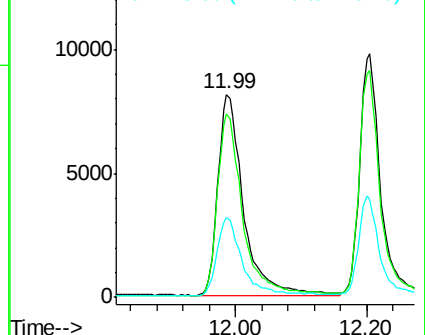
115 39.4 31.0 46.4



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: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

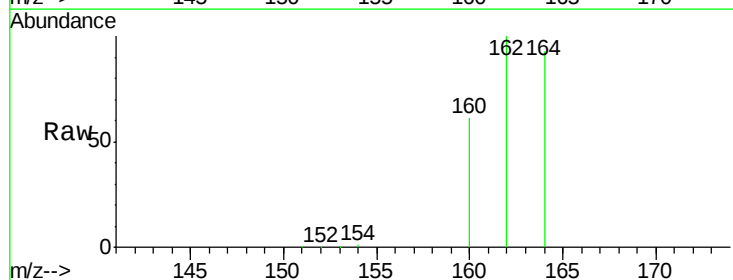
Tgt Ion:164 Resp: 90978

Ion Ratio Lower Upper

164 100

162 107.3 86.8 130.2

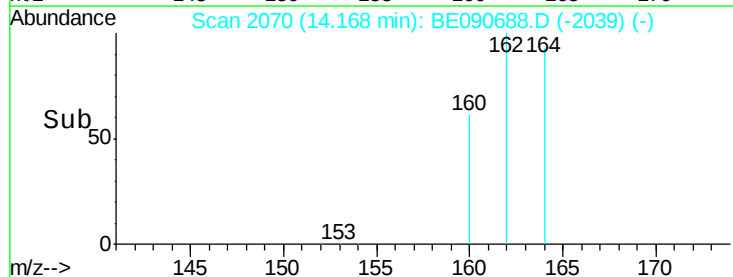
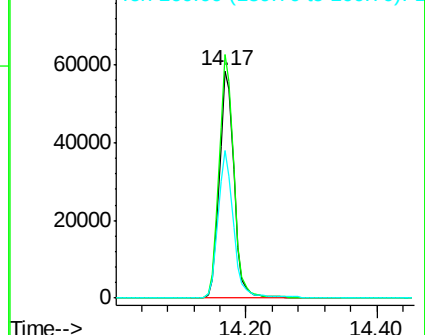
160 65.0 53.9 80.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

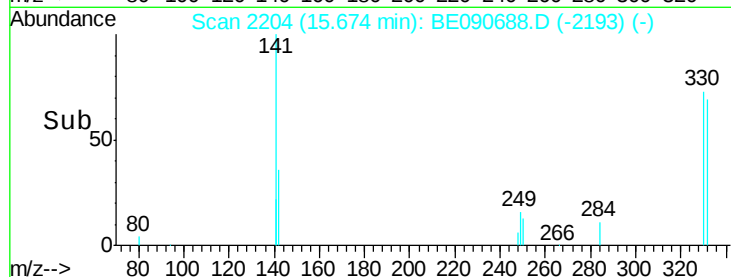
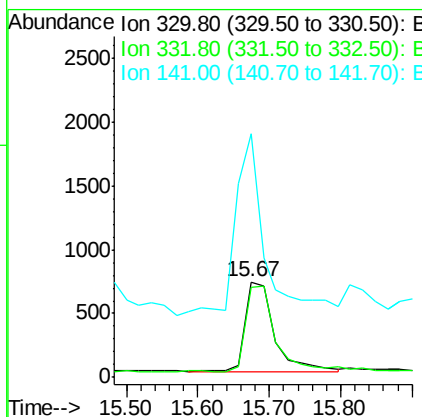
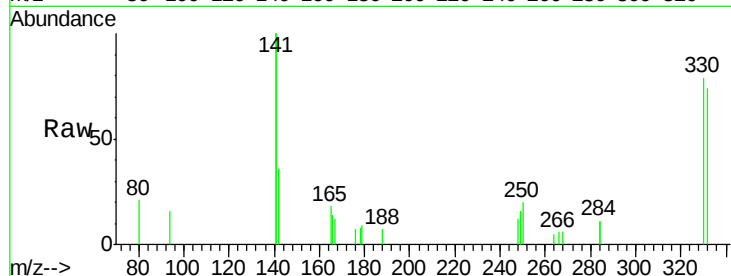




#13
 2,4,6-Tribromophenol
 Concen: 0.88 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

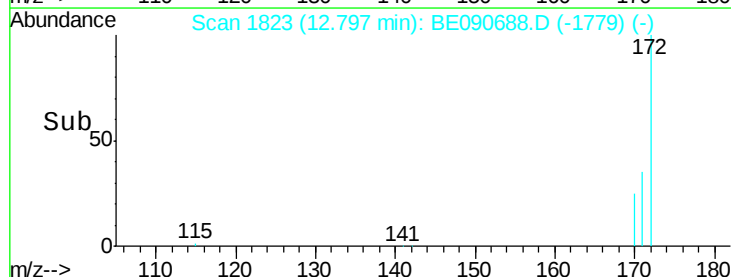
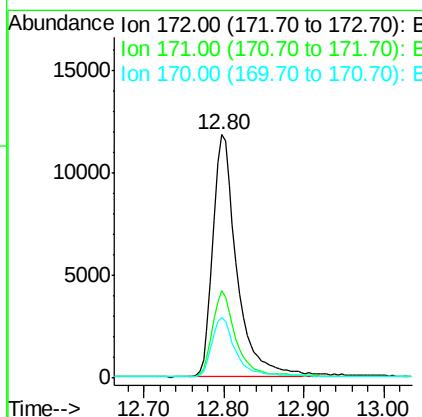
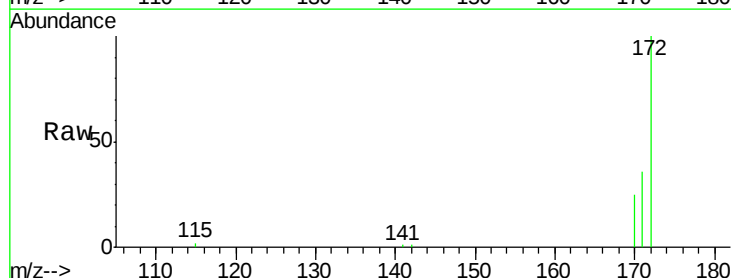
Instrument :
 BNA_E
 ClientSampleId :

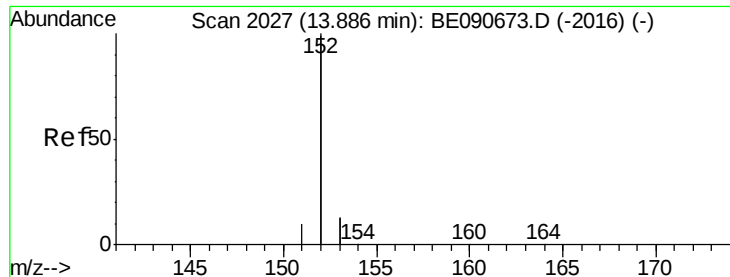
Tot Ion:330 Resp: 1980
 Ion Ratio Lower Upper
 330 100
 332 98.1 74.9 112.3
 141 194.0 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

Tgt Ion:172 Resp: 24862
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.8 41.8
 170 25.1 19.8 29.6





#15

Acenaphthylene

Concen: 0.98 ng

RT: 13.89 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampled :

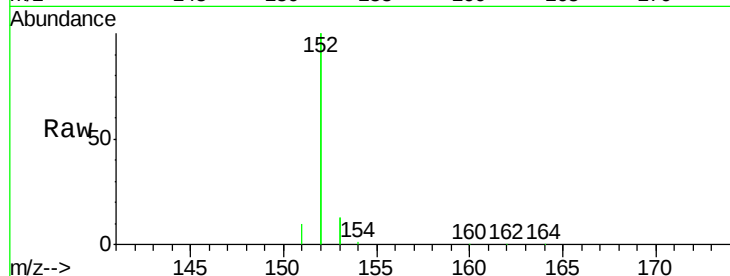
Tot Ion:152 Resp: 142800

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

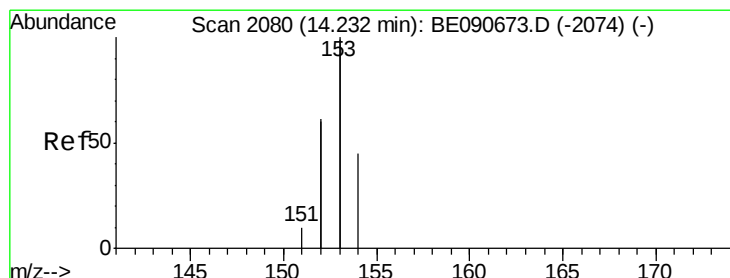
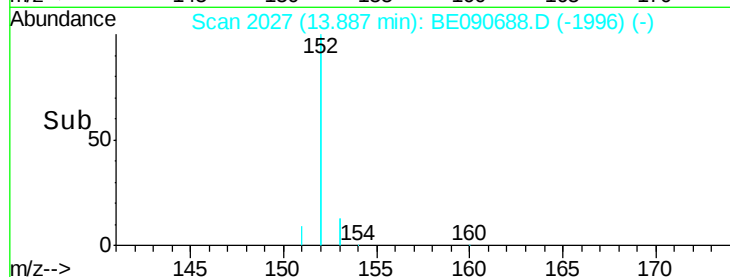
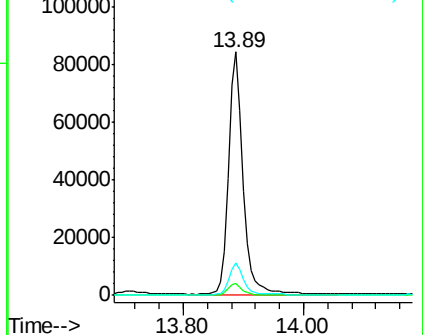
153 12.8 10.3 15.5



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: 1.02 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

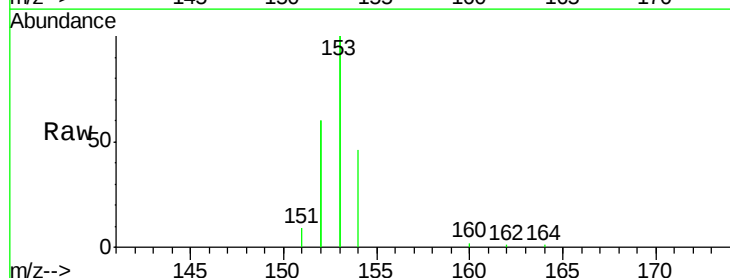
Tgt Ion:154 Resp: 24789

Ion Ratio Lower Upper

154 100

153 443.8 354.5 531.7

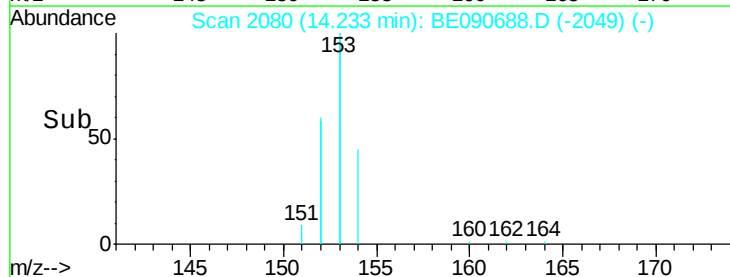
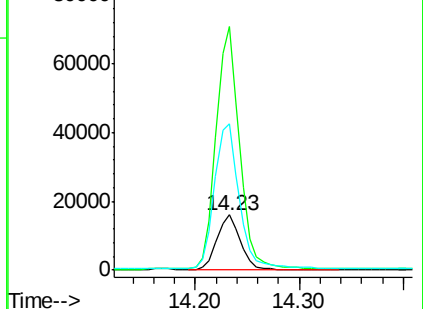
152 278.9 227.8 341.6



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

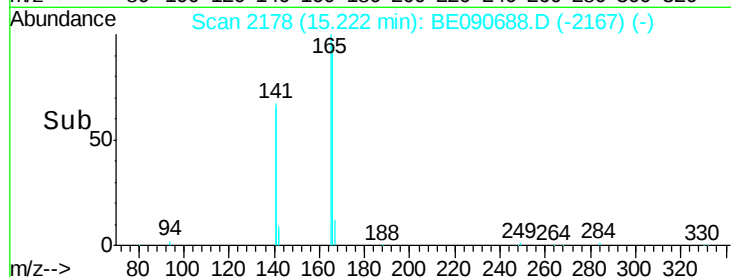
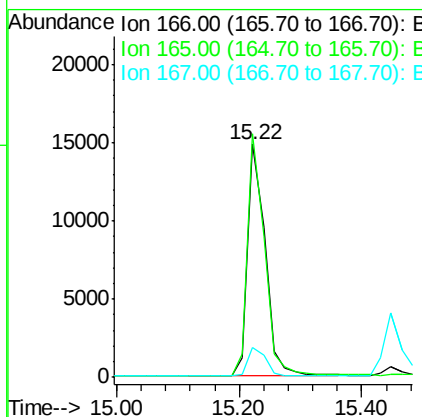
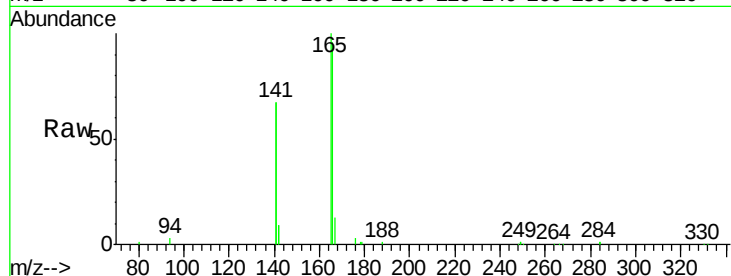




#17
Fluorene
 Concen: 0.98 ng
 RT: 15.22 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

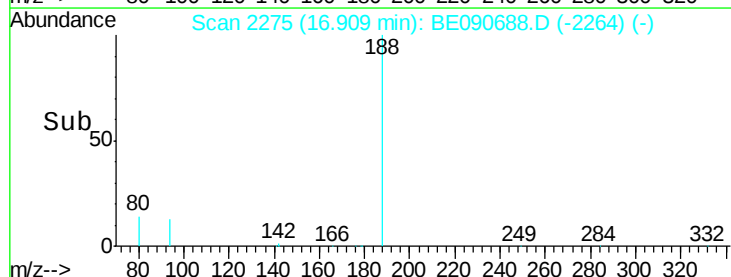
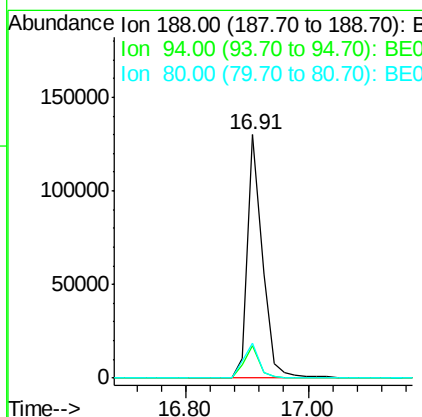
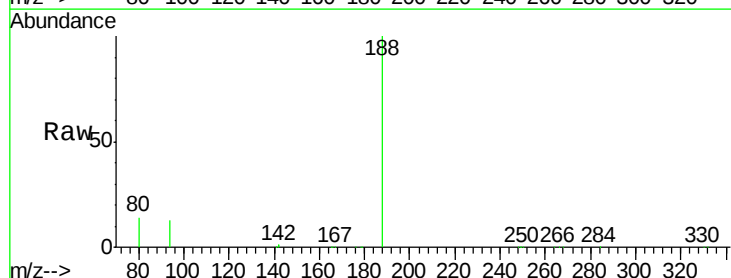
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 29613
 Ion Ratio Lower Upper
 166 100
 165 101.4 82.7 124.1
 167 13.7 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

Tgt Ion:188 Resp: 221655
 Ion Ratio Lower Upper
 188 100
 94 13.2 10.3 15.5
 80 14.2 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 0.99 ng

RT: 16.13 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

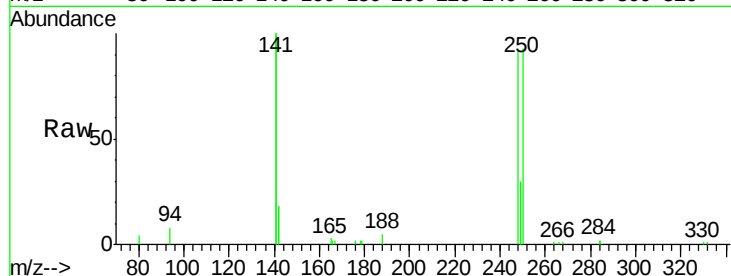
Tot Ion:248 Resp: 7456

Ion Ratio Lower Upper

248 100

250 94.6 76.7 115.1

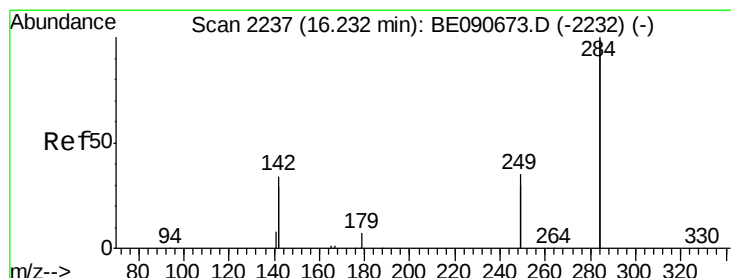
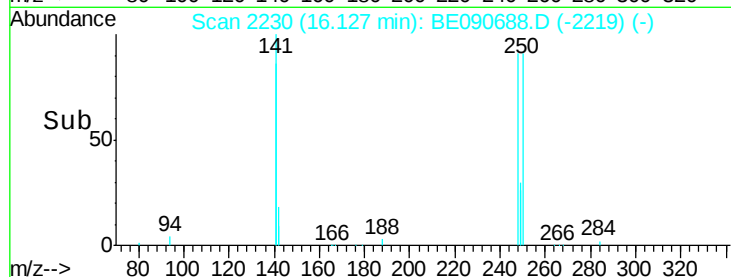
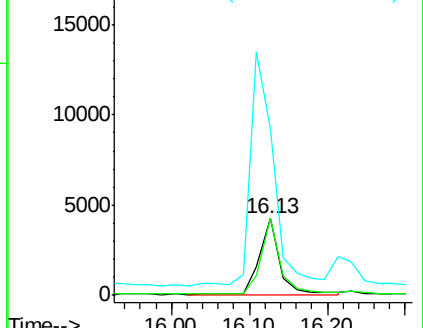
141 359.5 292.6 439.0



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: 1.06 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

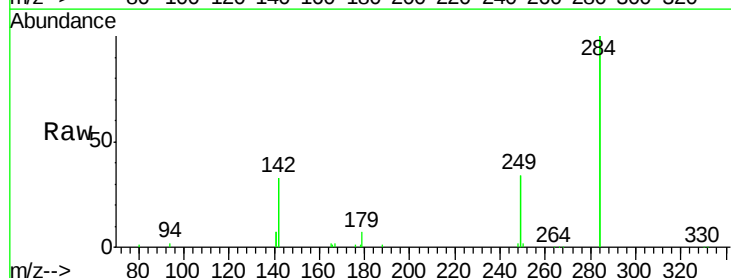
Tgt Ion:284 Resp: 41830

Ion Ratio Lower Upper

284 100

142 41.2 35.0 52.4

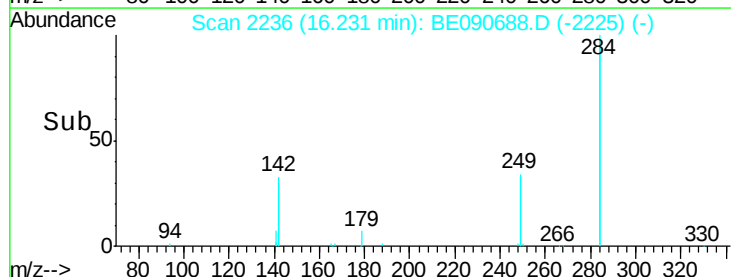
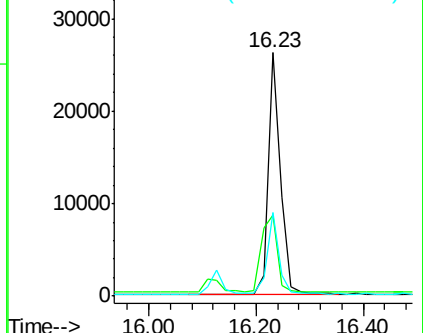
249 32.4 25.5 38.3



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

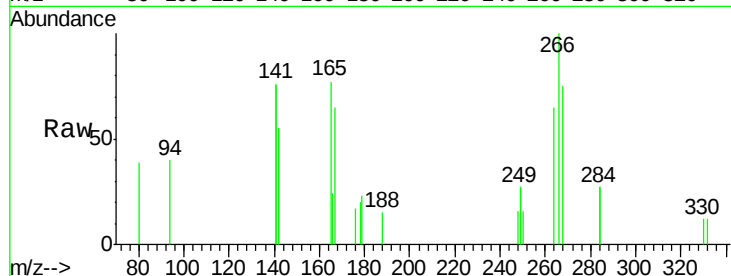




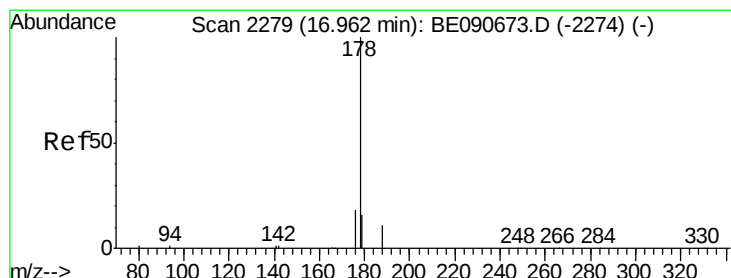
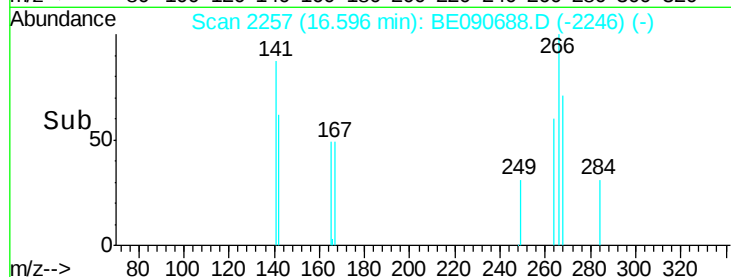
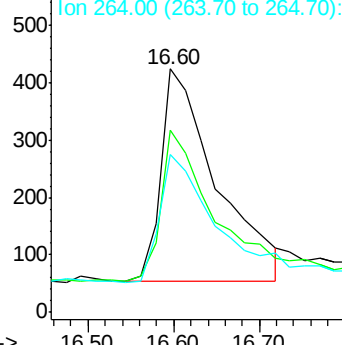
#21
 Pentachlorophenol
 Concen: 0.79 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

Instrument :
 BNA_E
 ClientSampleID :

Tot Ion:266 Resp: 1687
 Ion Ratio Lower Upper
 266 100
 268 75.0 49.6 74.4#
 264 64.9 53.9 80.9

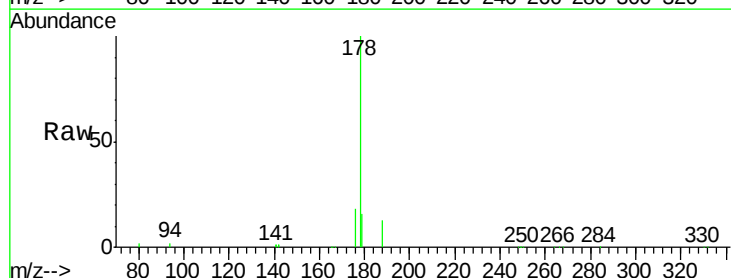


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

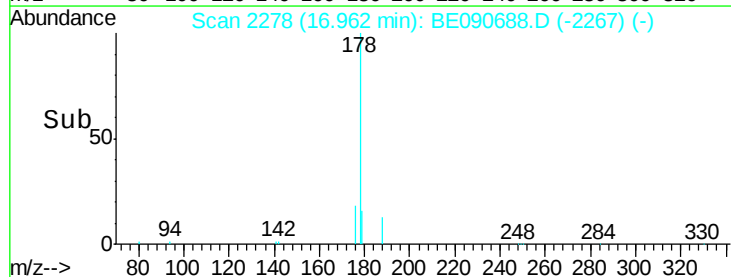
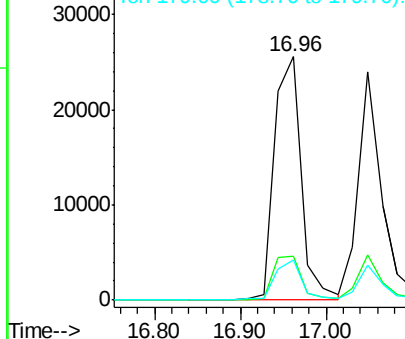


#22
 Phenanthrene
 Concen: 1.01 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

Tgt Ion:178 Resp: 55561
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.6 12.8 19.2



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





#23

Anthracene

Concen: 0.98 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

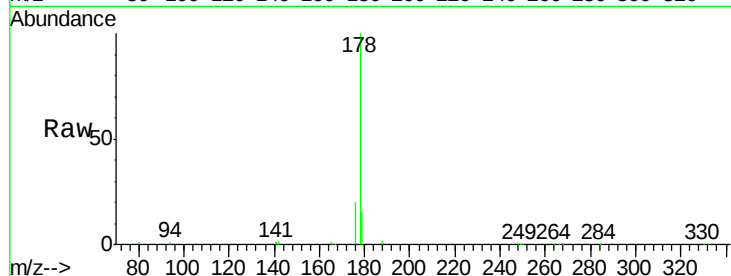
Tot Ion:178 Resp: 44782

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

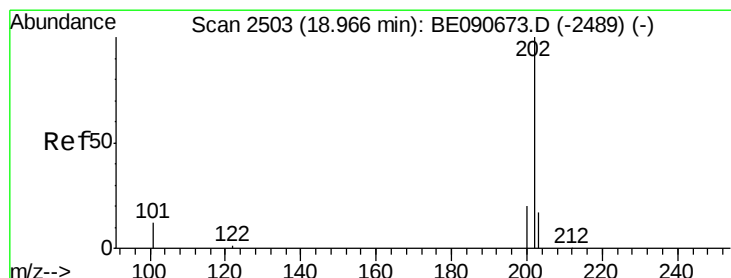
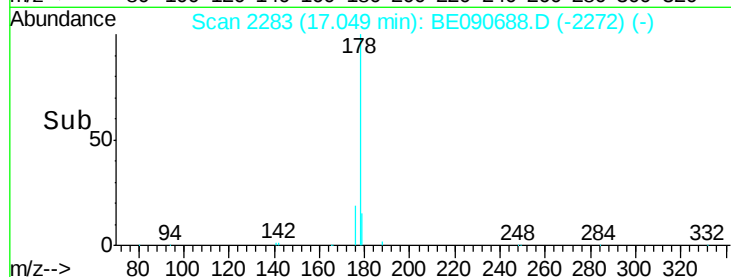
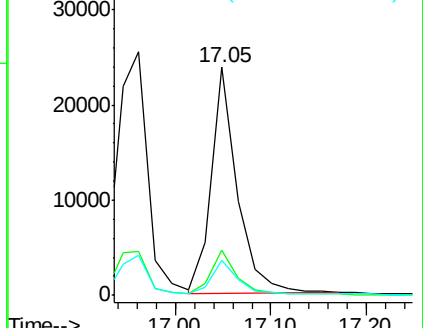
179 15.4 12.3 18.5



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: 0.97 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

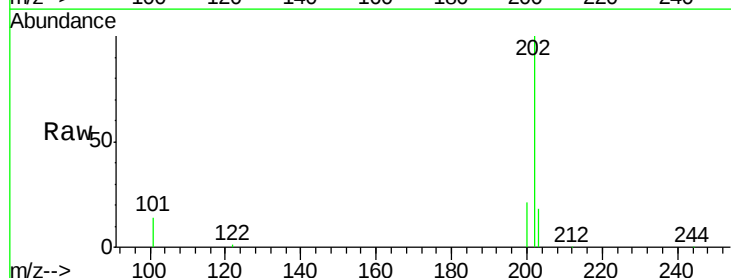
Tgt Ion:202 Resp: 55978

Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.6

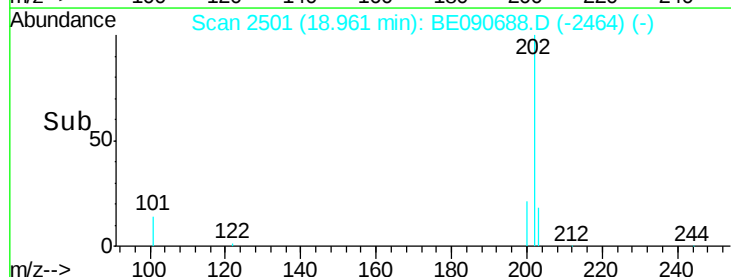
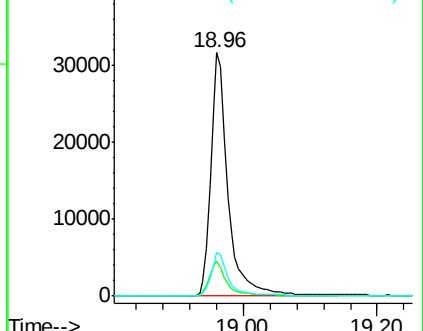
203 17.3 13.9 20.9



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: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

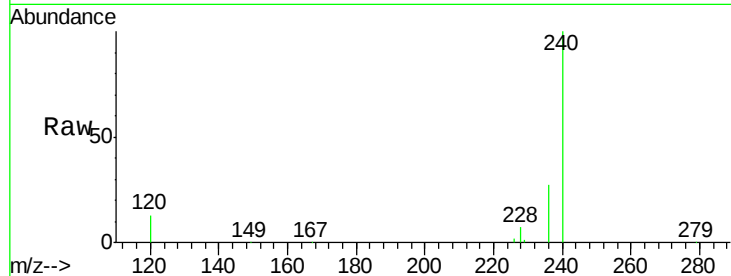
Tot Ion:240 Resp: 300813

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

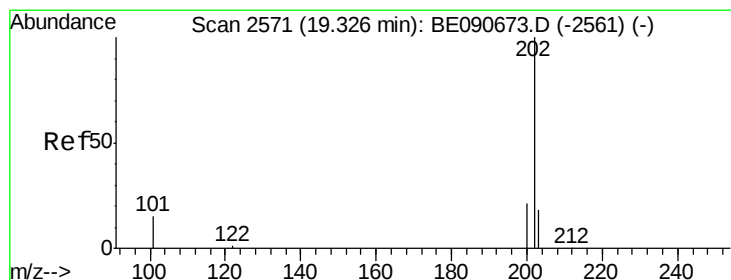
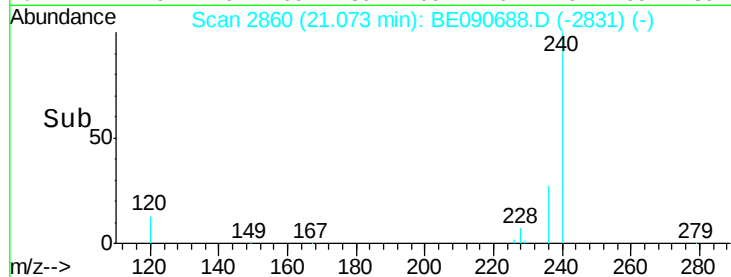
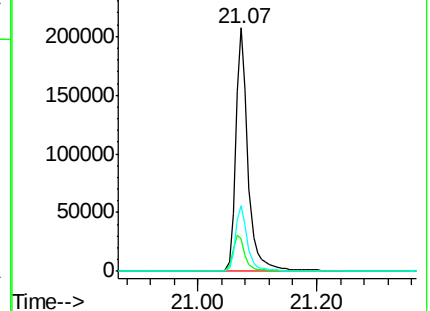
236 27.2 21.9 32.9



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: 19.32 min Scan# 2569

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

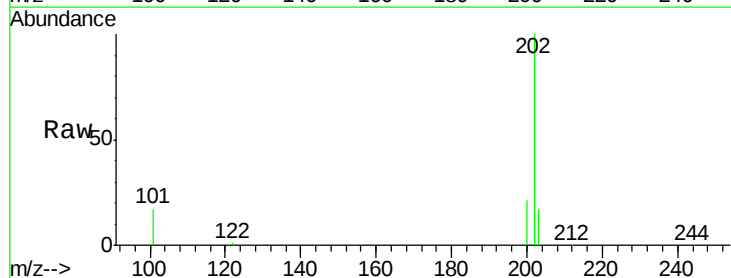
Tgt Ion:202 Resp: 59514

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

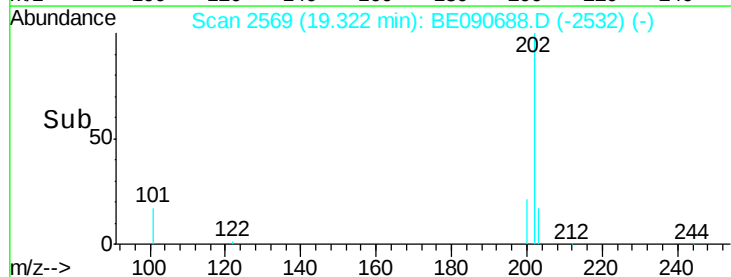
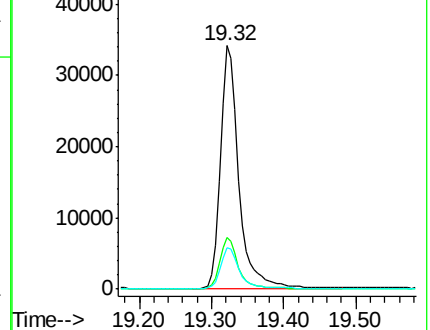
203 17.4 13.8 20.6



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

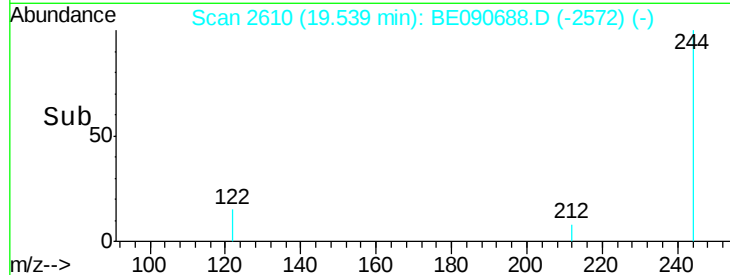
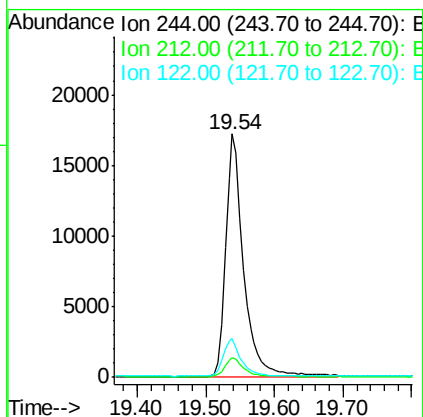
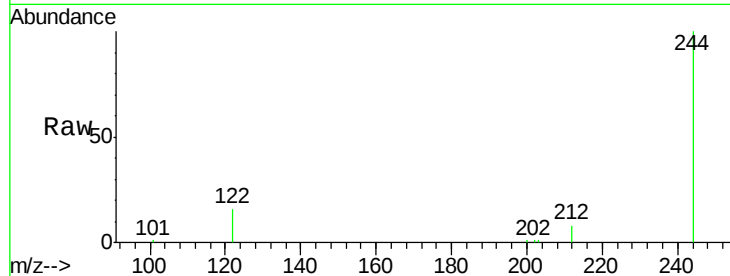




#27
 Terphenyl-d14
 Concen: 0.94 ng
 RT: 19.54 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

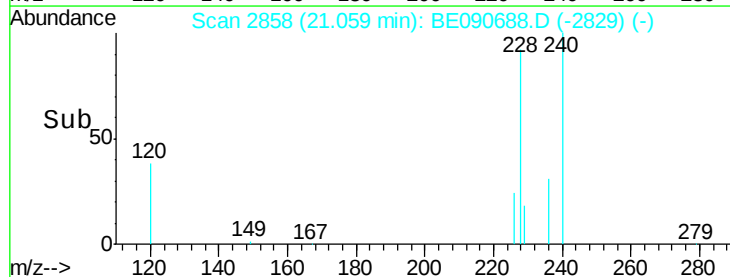
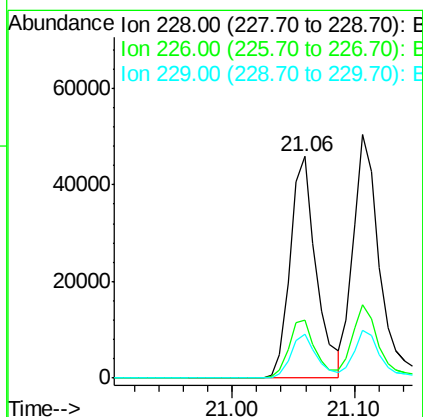
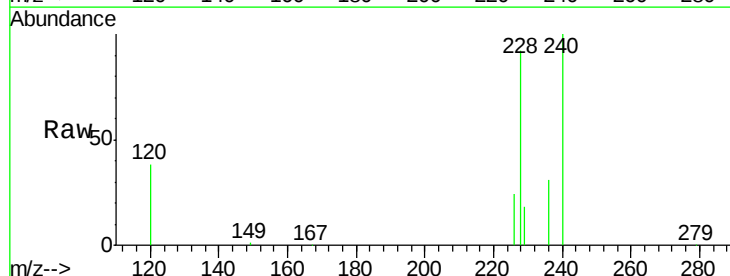
Instrument :
 BNA_E
 ClientSampleId :

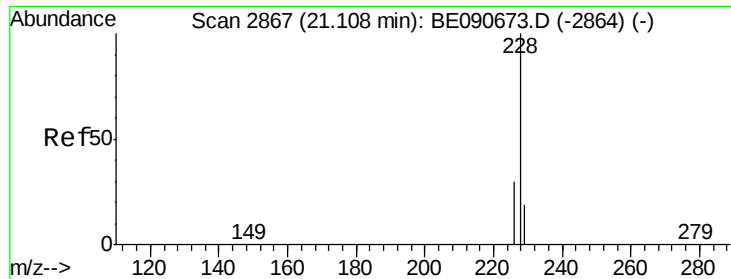
Tot Ion:244 Resp: 31278
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 16.2 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.01 ng
 RT: 21.06 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

Tgt Ion:228 Resp: 67439
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.6 32.4
 229 19.9 15.9 23.9





#29

Chrysene

Concen: 1.05 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

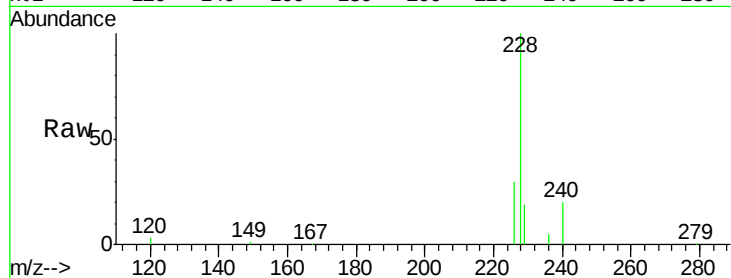
Tot Ion:228 Resp: 76878

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

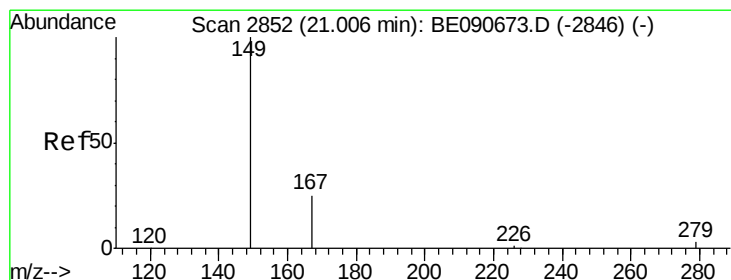
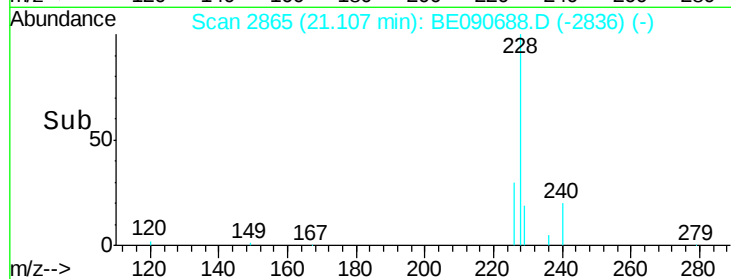
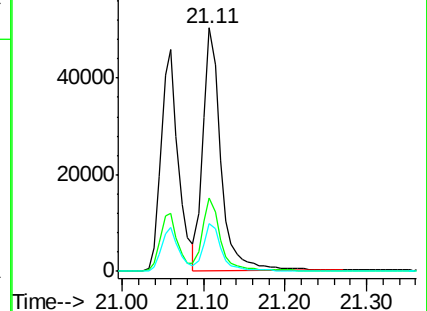
229 19.4 15.3 22.9



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: 0.80 ng

RT: 21.01 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

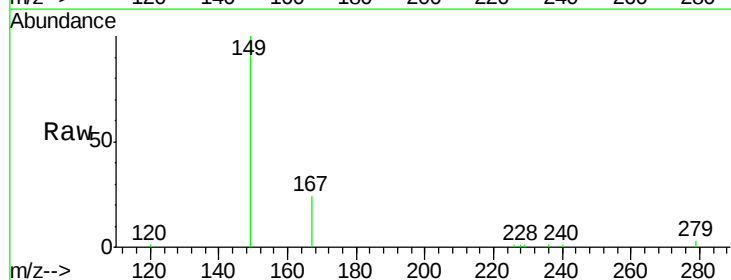
Tgt Ion:149 Resp: 13298

Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

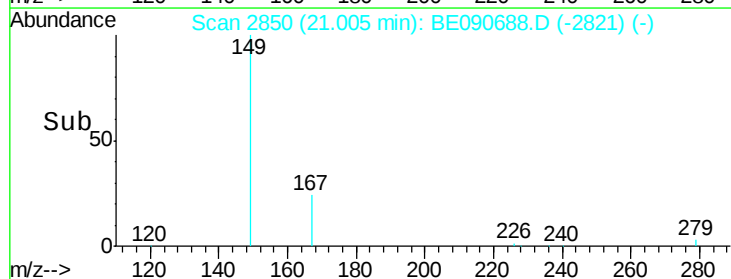
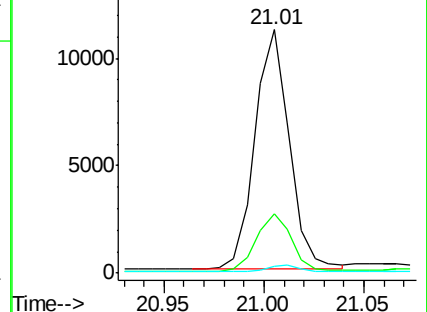
279 2.8 2.3 3.5



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

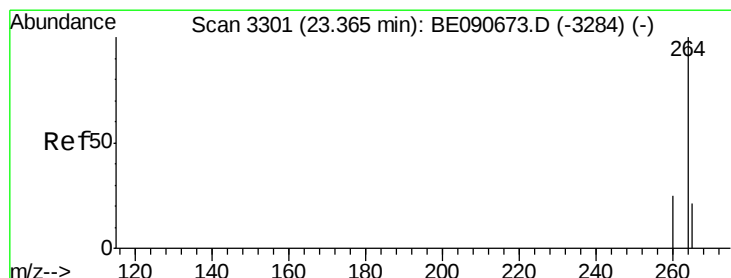
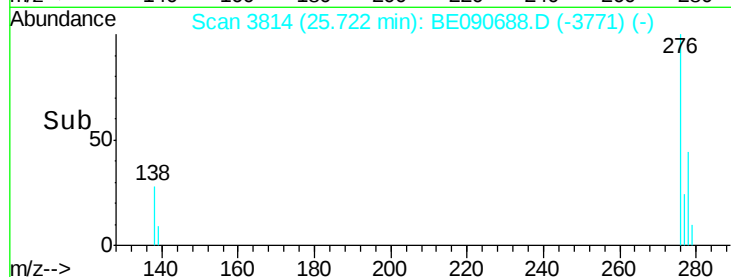
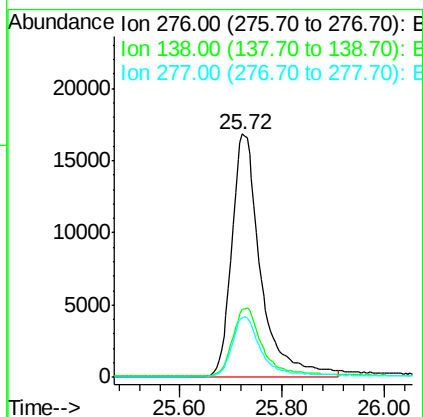
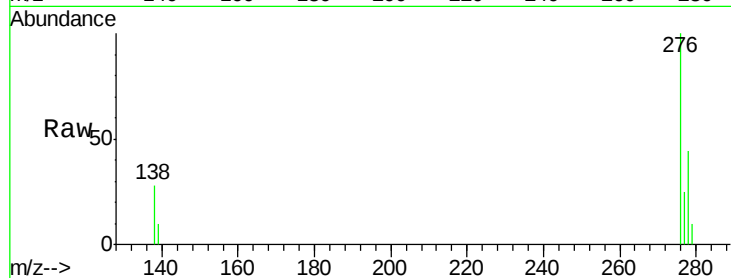




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.93 ng
 RT: 25.72 min Scan# 3814
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

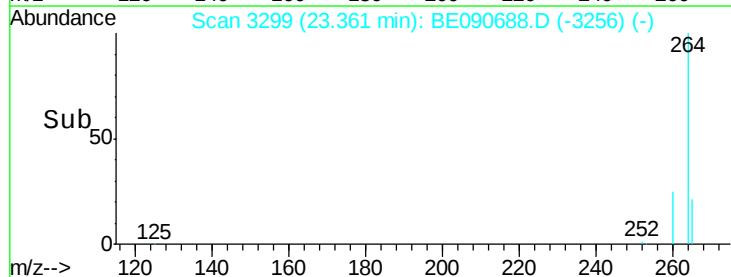
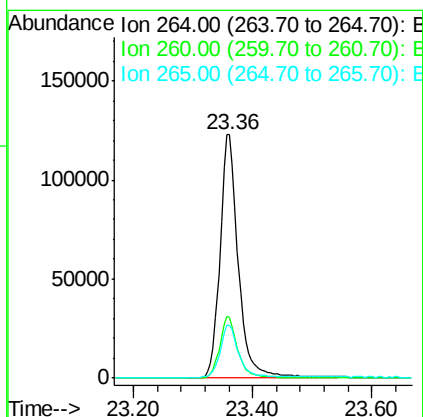
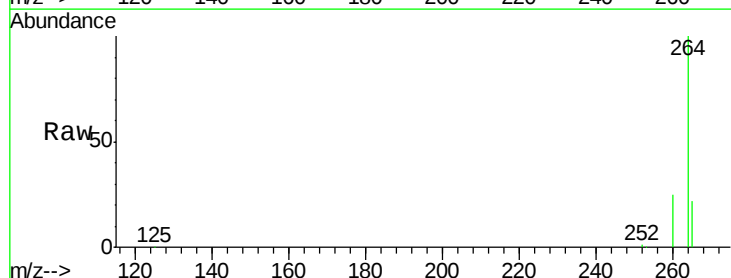
Instrument :
 BNA_E
 ClientSampleId :

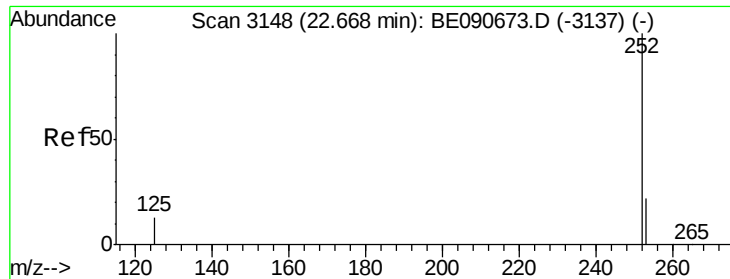
Tot Ion:276 Resp: 65798
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.3 34.9
 277 24.9 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BE090688.D
 Acq: 2 Sep 2015 4:25

Tgt Ion:264 Resp: 264131
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 21.9 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 0.97 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

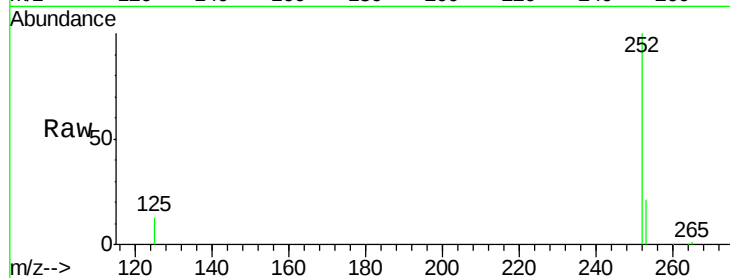
Tot Ion:252 Resp: 55655

Ion Ratio Lower Upper

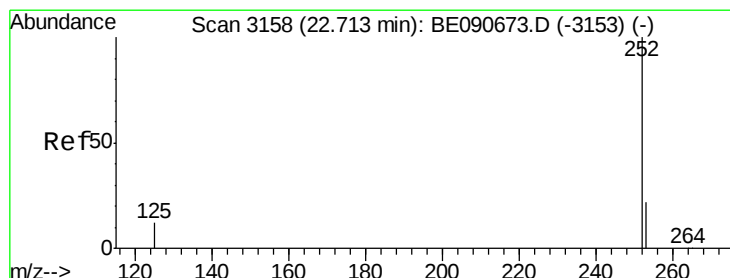
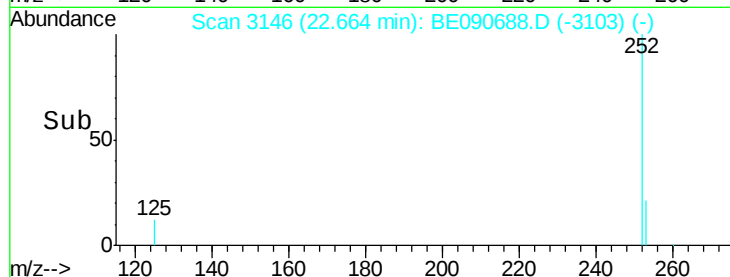
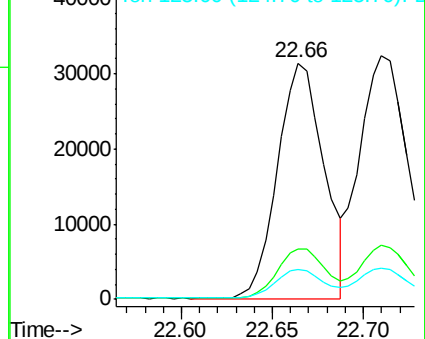
252 100

253 21.5 17.9 26.9

125 12.9 10.6 16.0



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



#34

Benzo(k)fluoranthene

Concen: 1.02 ng

RT: 22.71 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

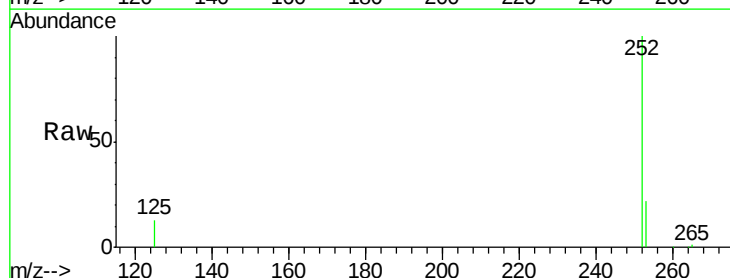
Tgt Ion:252 Resp: 68034

Ion Ratio Lower Upper

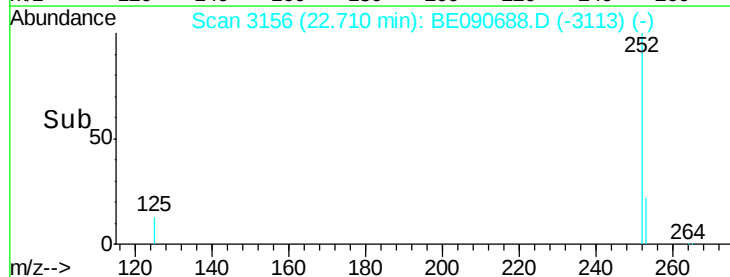
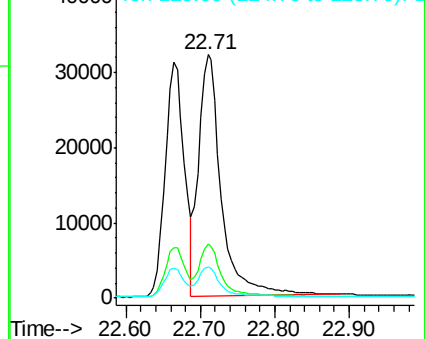
252 100

253 22.3 17.9 26.9

125 13.0 10.1 15.1



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: 0.96 ng

RT: 23.26 min Scan# 3276

Delta R.T. -0.00 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :

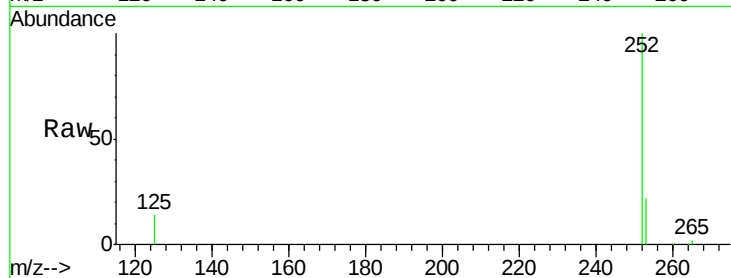
Tot Ion:252 Resp: 49359

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

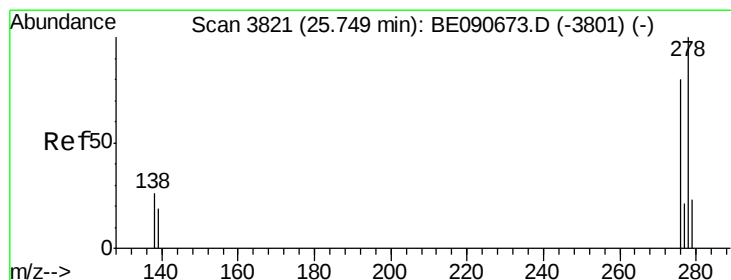
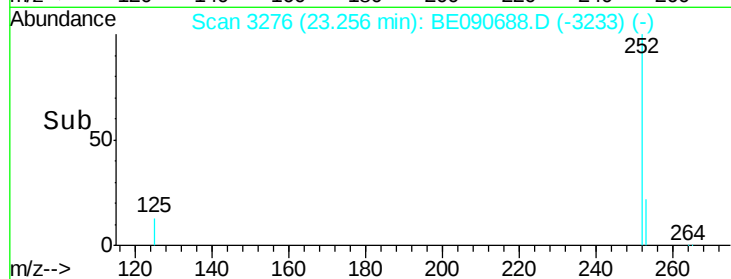
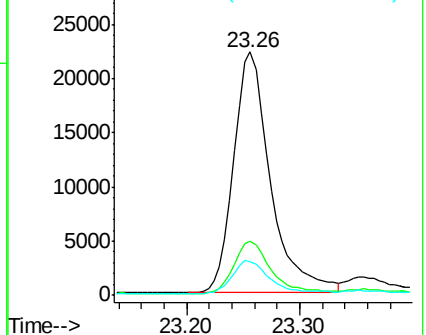
125 13.7 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.94 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

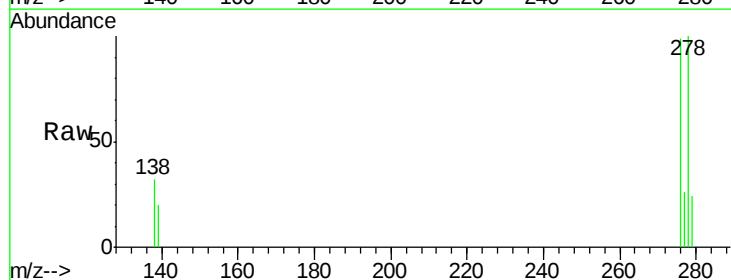
Tgt Ion:278 Resp: 51535

Ion Ratio Lower Upper

278 100

139 20.2 15.4 23.0

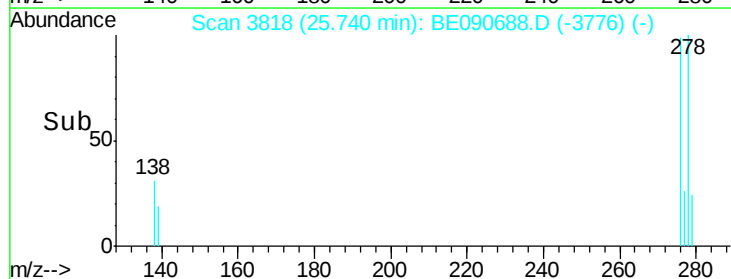
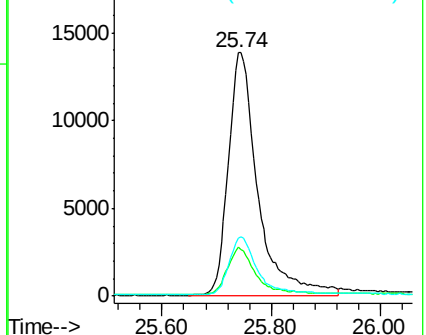
279 24.1 18.8 28.2



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(a,h,i)perylene

Concen: 0.94 ng

RT: 26.45 min Scan# 3973

Delta R.T. -0.01 min

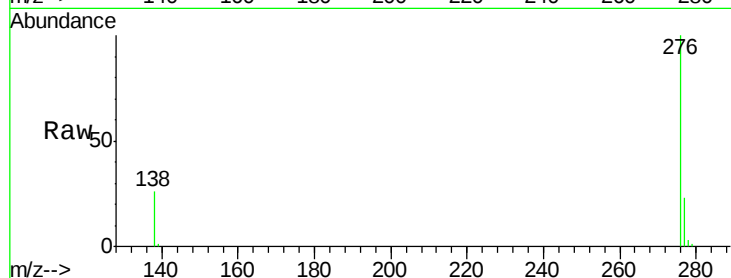
Lab File: BE090688.D

Acq: 2 Sep 2015 4:25

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 55563

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 26.3 20.1 30.1

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

