

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090726.D
 Acq On : 4 Sep 2015 12:48
 Operator : UM/IZ
 Sample : G3521-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MSD

Quant Time: Sep 04 13:23:17 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 11:40:50 2015
 Response via : Initial Calibration

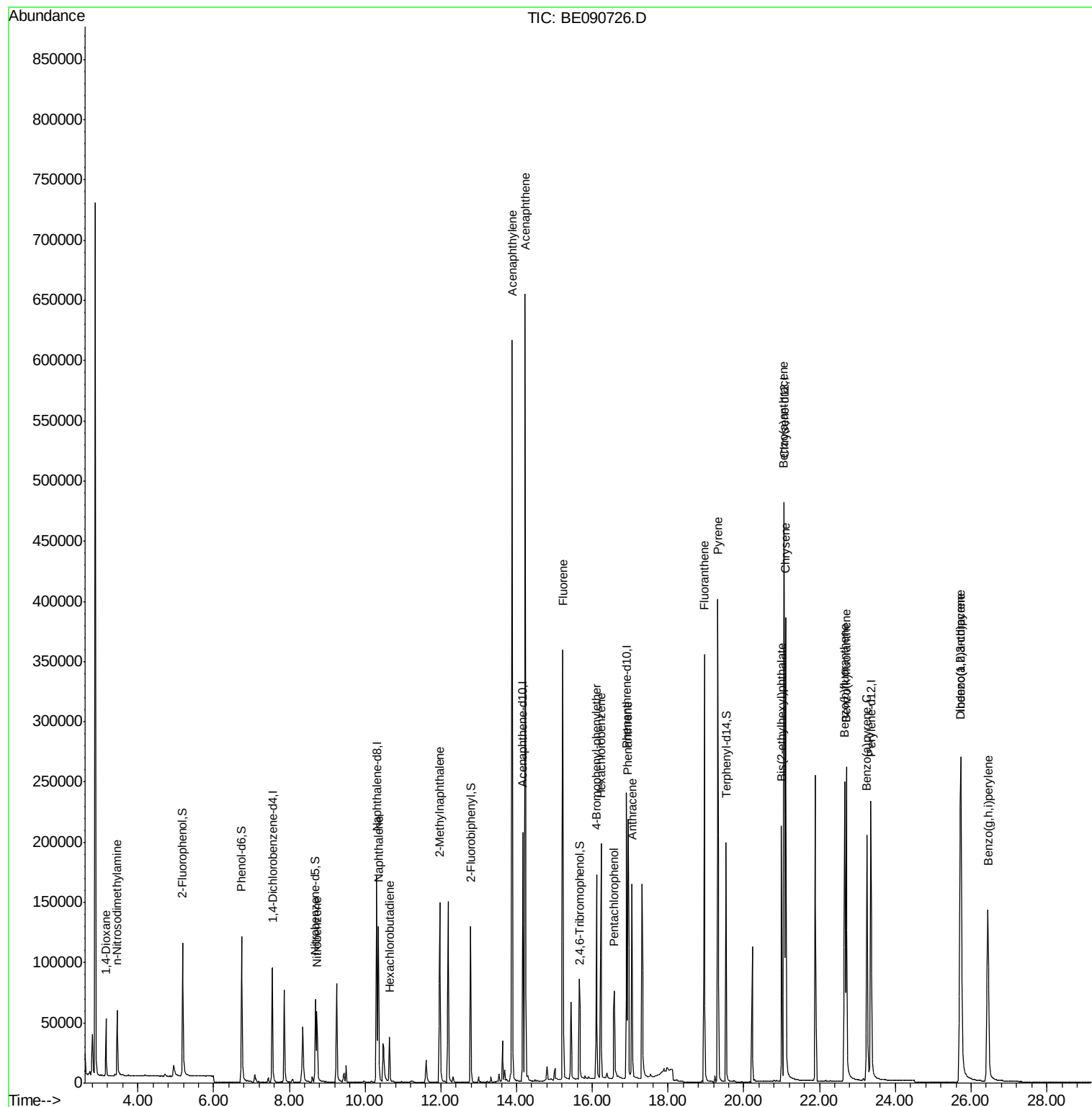
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	47875	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	222351	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	117098	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	278044	5.00	ng	0.00
25) Chrysene-d12	21.07	240	358751	5.00	ng	0.00
32) Perylene-d12	23.36	264	329733	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	97054	10.39	ng	0.00
5) Phenol-d6	6.74	99	145619	10.92	ng	0.00
7) Nitrobenzene-d5	8.69	82	69452	4.73	ng	-0.02
13) 2,4,6-Tribromophenol	15.67	330	37868	10.96	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	126676	3.91	ng	0.00
27) Terphenyl-d14	19.53	244	204784	5.16	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	25381	4.05	ng	98
3) n-Nitrosodimethylamine	3.45	42	32529	3.82	ng	# 83
8) Nitrobenzene	8.73	77	72353	4.03	ng	97
9) Naphthalene	10.35	128	181757	3.75	ng	100
10) Hexachlorobutadiene	10.65	225	26403	3.48	ng	99
11) 2-Methylnaphthalene	11.97	142	118164	4.50	ng	99
15) Acenaphthylene	13.88	152	796172	4.25	ng	100
16) Acenaphthene	14.23	154	119433	3.82	ng	88
17) Fluorene	15.22	166	154117	3.95	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	39617	4.18	ng	95
20) Hexachlorobenzene	16.23	284	182537	4.01	ng	97
21) Pentachlorophenol	16.58	266	44879	11.42	ng	93
22) Phenanthrene	16.94	178	261605	3.80	ng	100
23) Anthracene	17.05	178	260692	4.53	ng	100
24) Fluoranthene	18.96	202	329939	4.55	ng	99
26) Pyrene	19.32	202	353751	4.76	ng	99
28) Benzo(a)anthracene	21.05	228	340453	4.33	ng	98
29) Chrysene	21.11	228	345036	4.16	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	179808	6.22	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	372834	4.40	ng	98
33) Benzo(b)fluoranthene	22.66	252	318888	4.46	ng	99
34) Benzo(k)fluoranthene	22.71	252	351101	4.22	ng	99
35) Benzo(a)pyrene	23.25	252	308405	4.82	ng	100
36) Dibenzo(a,h)anthracene	25.74	278	305113	3.94	ng	99
37) Benzo(g,h,i)perylene	26.44	276	320501	4.36	ng	98

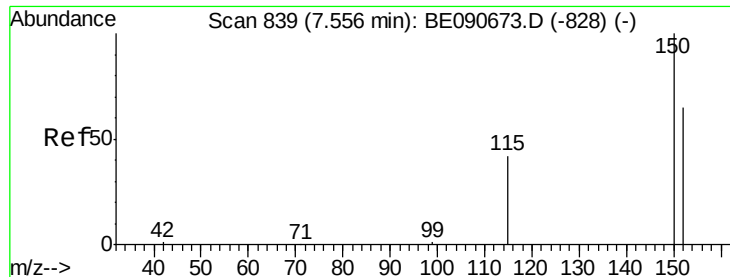
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
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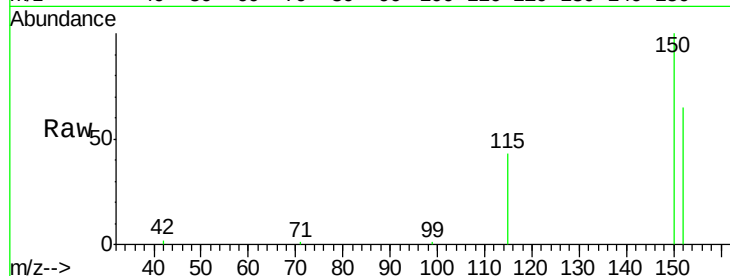




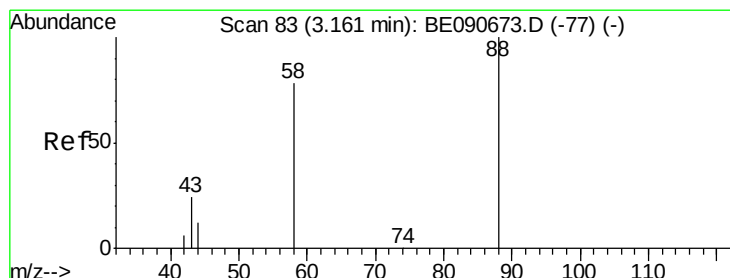
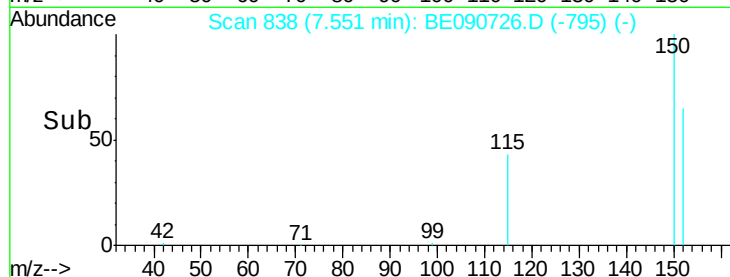
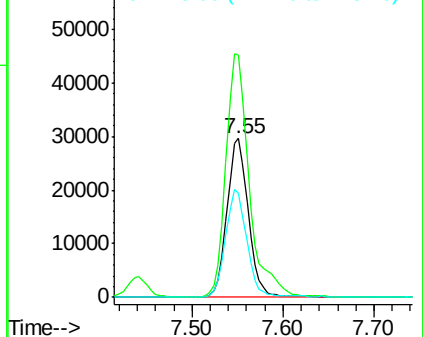
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MSD

Tgt Ion: 152 Resp: 47875
 Ion Ratio Lower Upper
 152 100
 150 152.9 122.2 183.4
 115 65.3 51.0 76.4

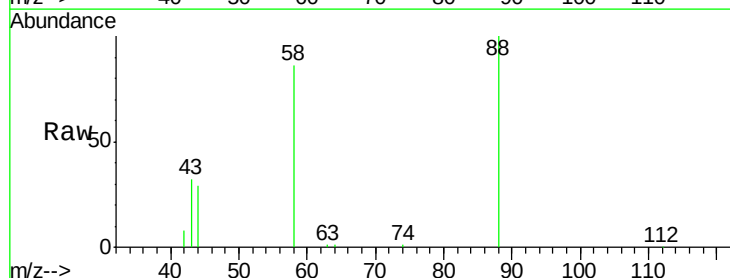


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

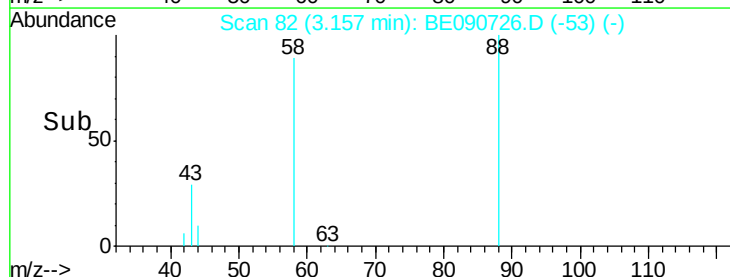
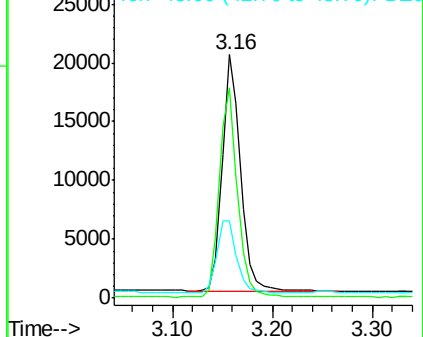


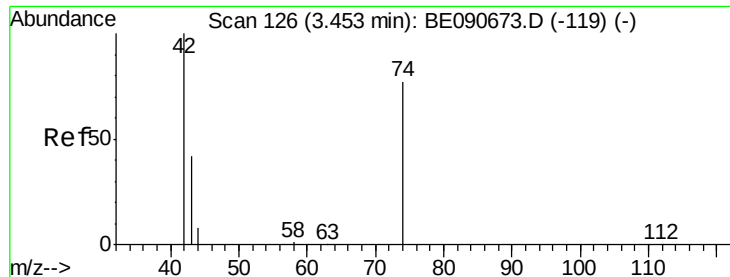
#2
 1,4-Dioxane
 Concen: 4.05 ng
 RT: 3.16 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Tgt Ion: 88 Resp: 25381
 Ion Ratio Lower Upper
 88 100
 58 87.7 68.4 102.6
 43 33.2 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



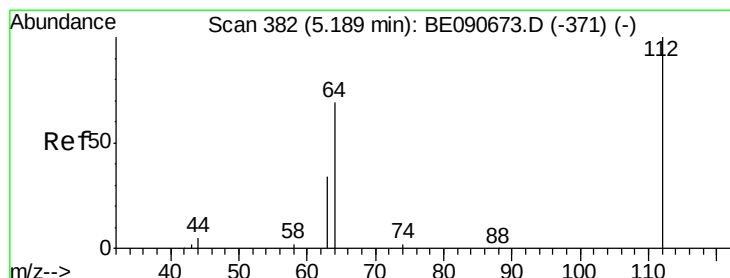
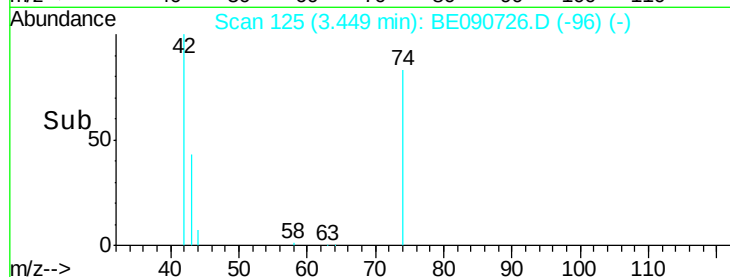
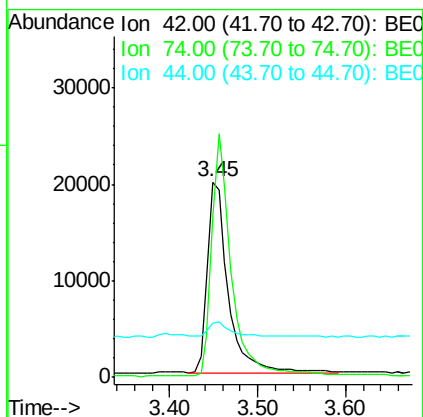
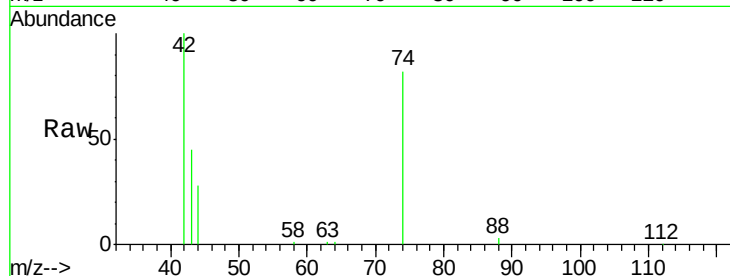


#3

n-Nitrosodimethylamine
 Concen: 3.82 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

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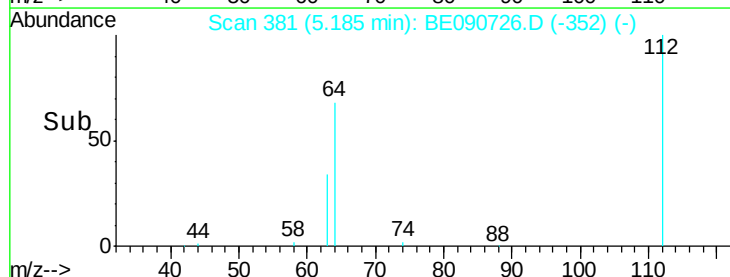
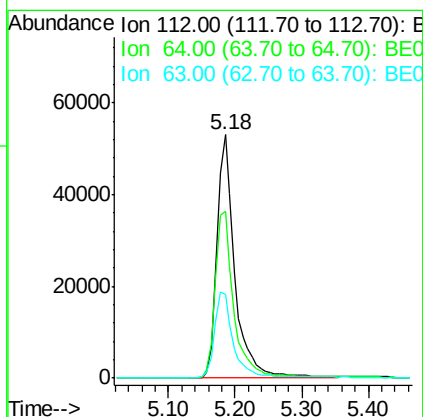
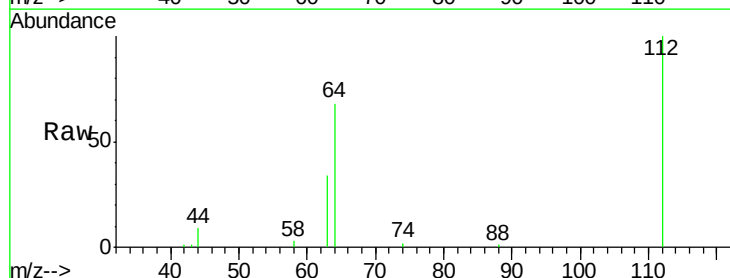
Tgt Ion: 42 Resp: 32529
 Ion Ratio Lower Upper
 42 100
 74 122.2 83.7 125.5
 44 7.9 10.0 15.0#

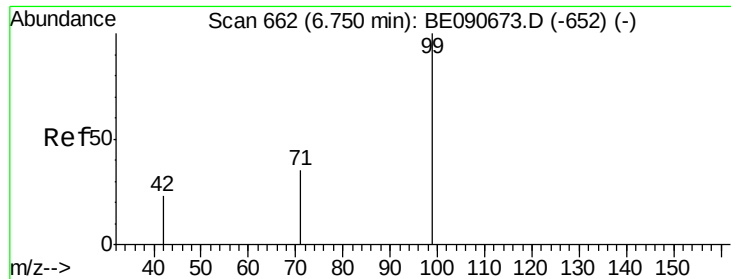


#4

2-Fluorophenol
 Concen: 10.39 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Tgt Ion: 112 Resp: 97054
 Ion Ratio Lower Upper
 112 100
 64 71.4 57.3 85.9
 63 36.6 29.2 43.8





#5

Phenol-d6

Concen: 10.92 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

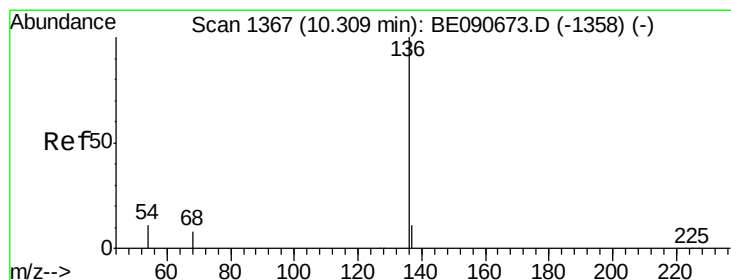
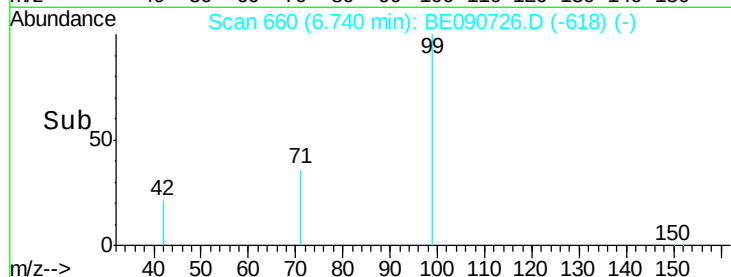
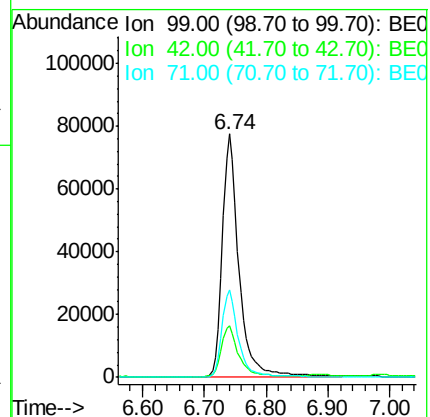
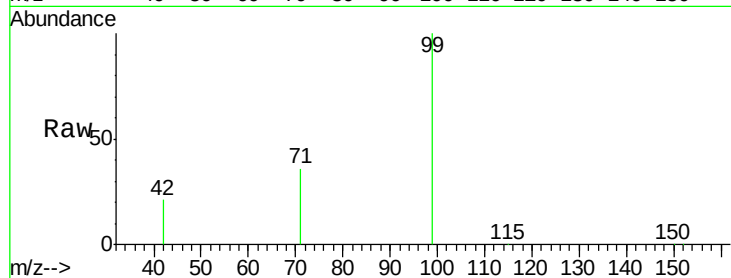
Tgt Ion: 99 Resp: 145619

Ion Ratio Lower Upper

99 100

42 21.5 16.8 25.2

71 35.5 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Tgt Ion: 136 Resp: 222351

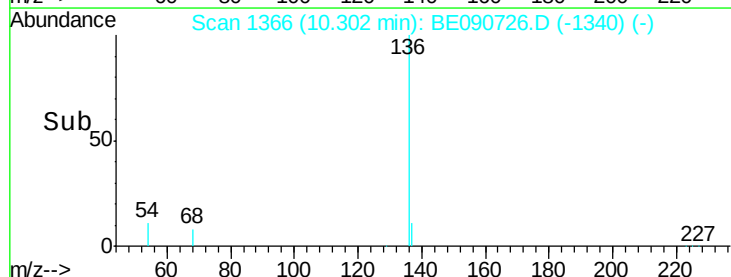
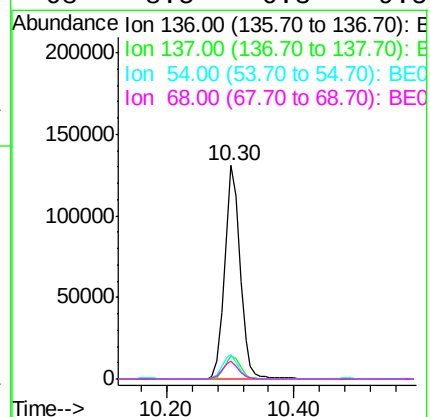
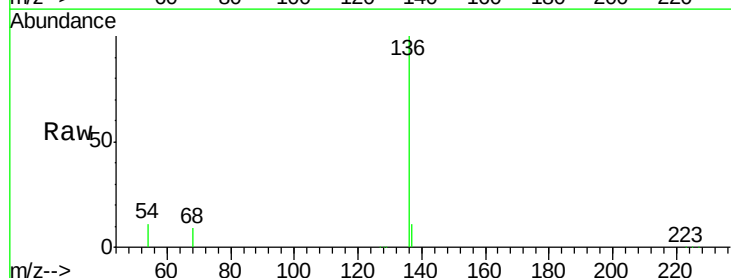
Ion Ratio Lower Upper

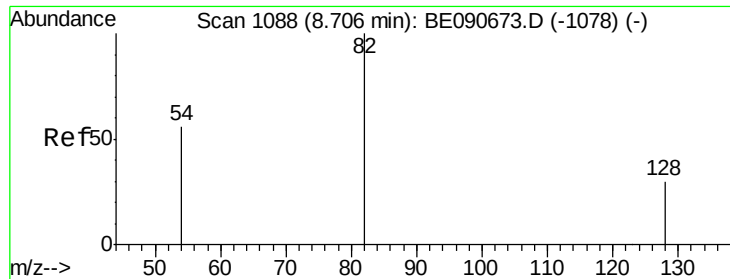
136 100

137 10.9 8.7 13.1

54 11.5 9.0 13.6

68 8.5 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.73 ng

RT: 8.69 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

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ClientSampleId :

X1SB0840006-20150901MSD

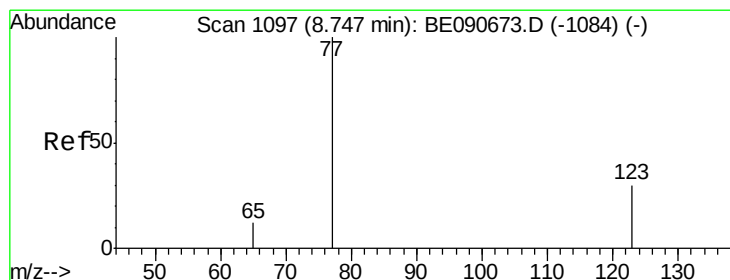
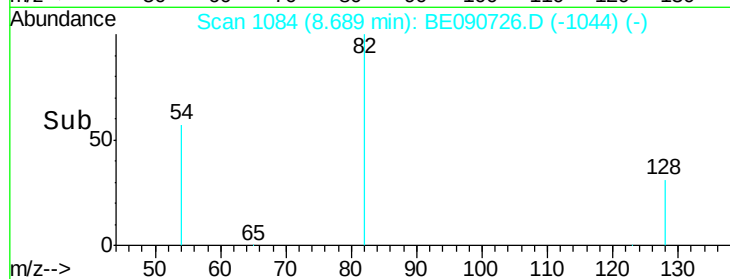
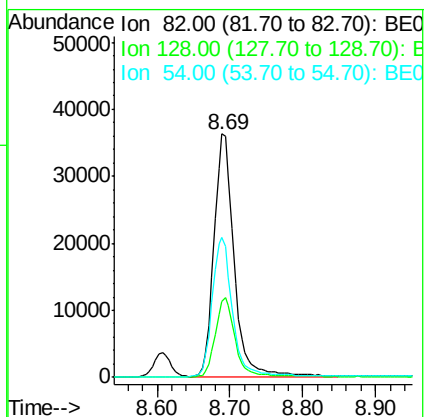
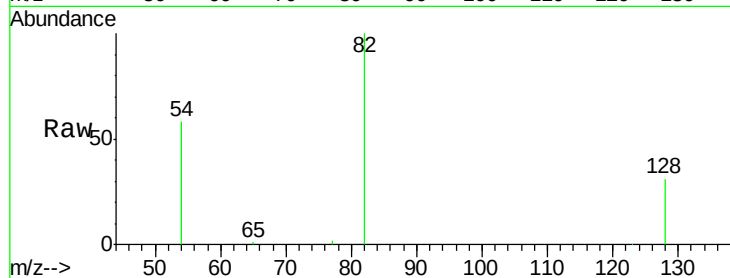
Tgt Ion: 82 Resp: 69452

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.4

54 57.6 46.3 69.5



#8

Nitrobenzene

Concen: 4.03 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

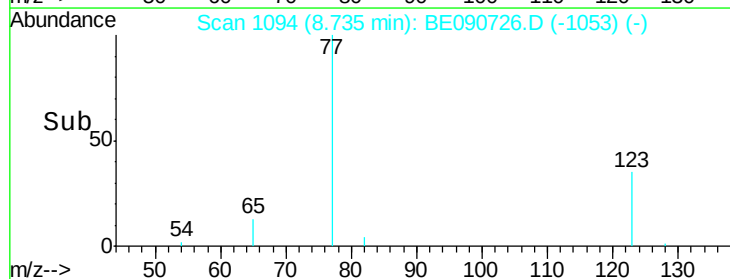
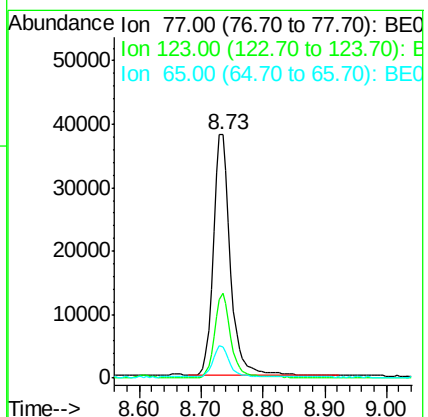
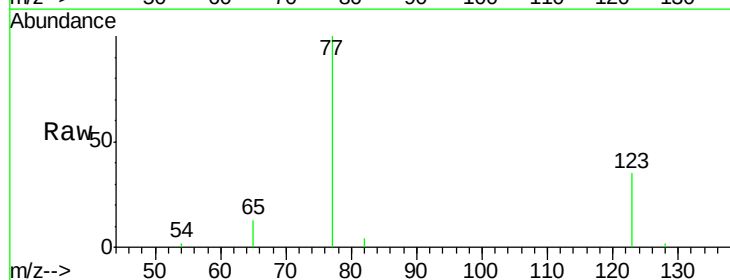
Tgt Ion: 77 Resp: 72353

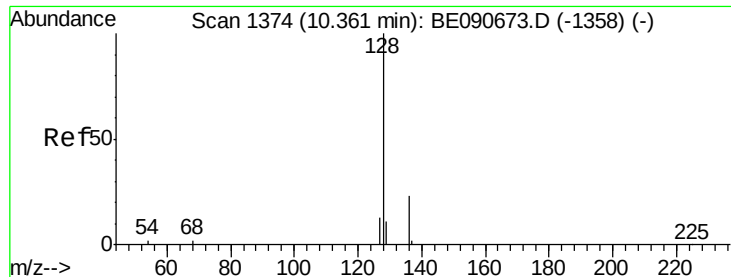
Ion Ratio Lower Upper

77 100

123 33.8 25.1 37.7

65 12.6 9.9 14.9





#9

Naphthalene

Concen: 3.75 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

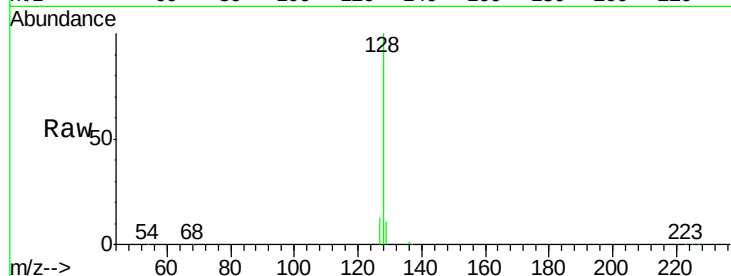
Tgt Ion:128 Resp: 181757

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

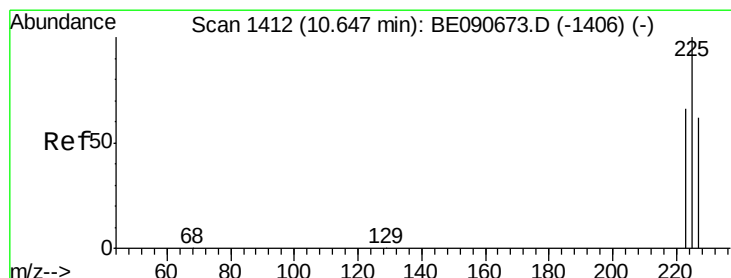
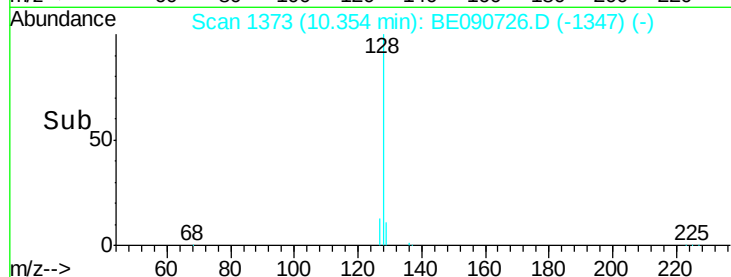
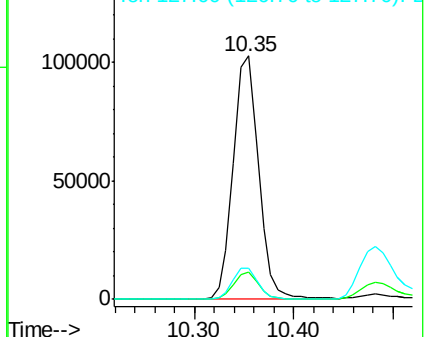
127 13.0 10.6 15.8



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: 3.48 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

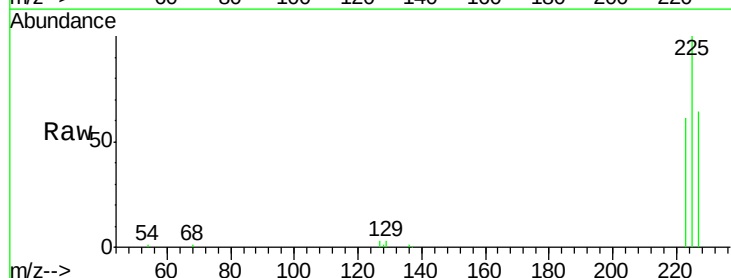
Tgt Ion:225 Resp: 26403

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

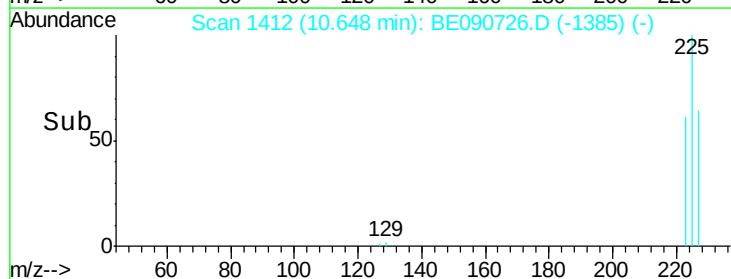
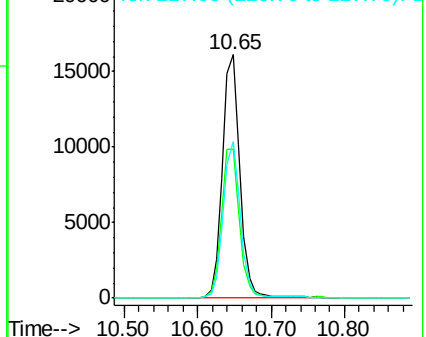
227 63.2 51.0 76.6

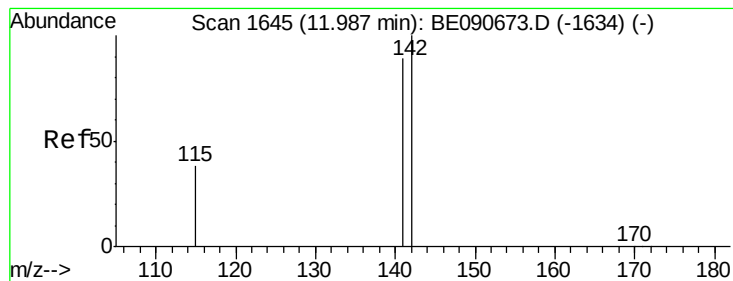


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.50 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

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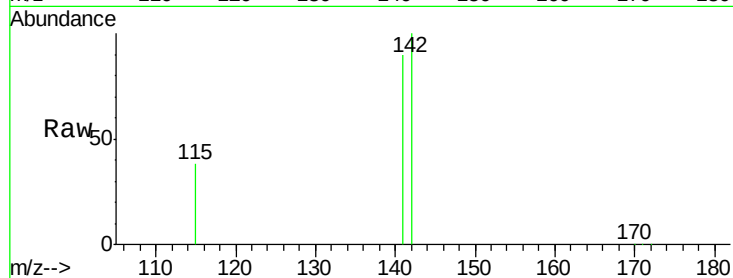
Tgt Ion:142 Resp: 118164

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

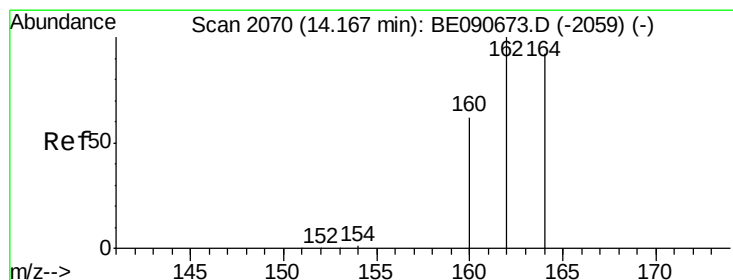
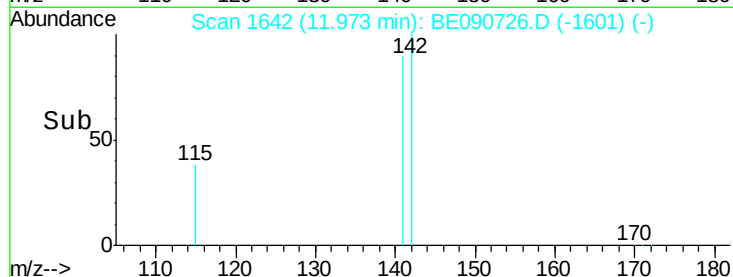
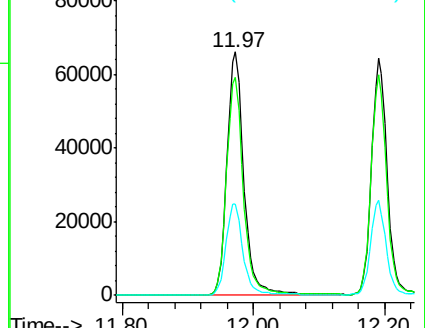
115 37.7 31.0 46.4



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# 2071

Delta R.T. 0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

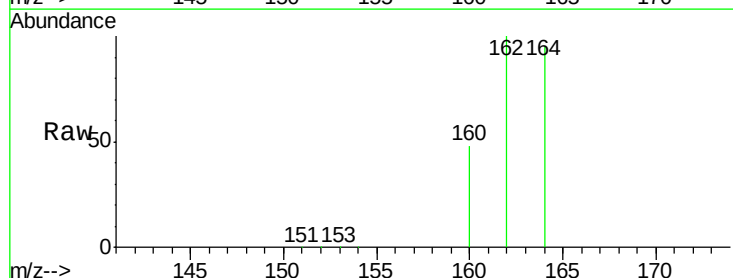
Tgt Ion:164 Resp: 117098

Ion Ratio Lower Upper

164 100

162 104.8 86.8 130.2

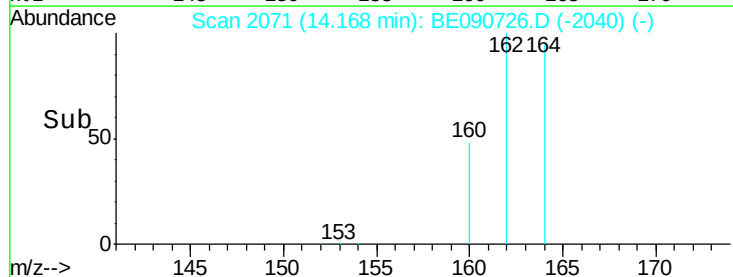
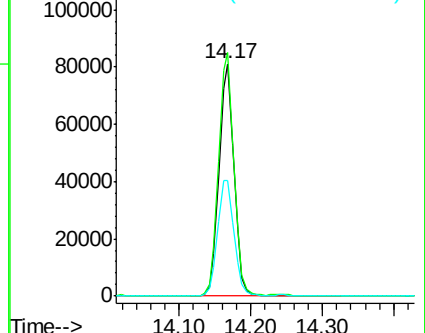
160 50.0 53.9 80.9#

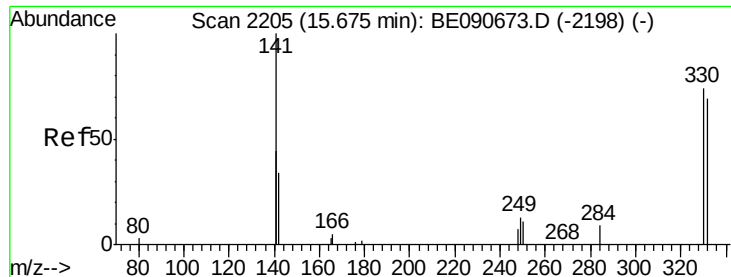


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

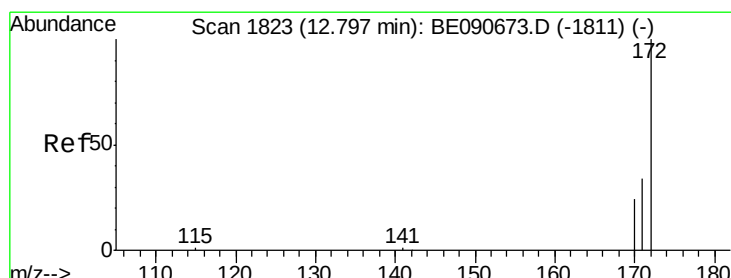
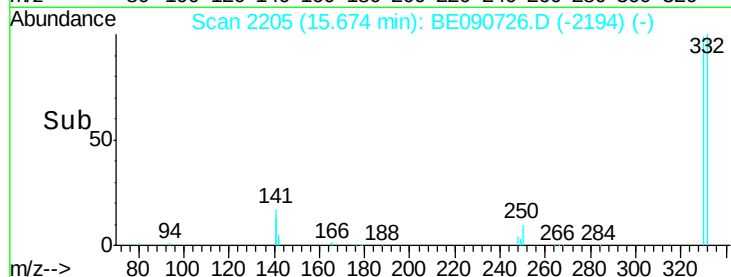
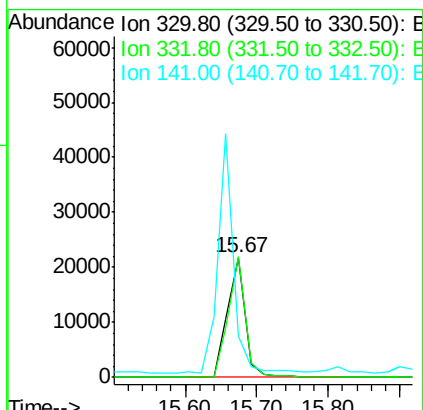
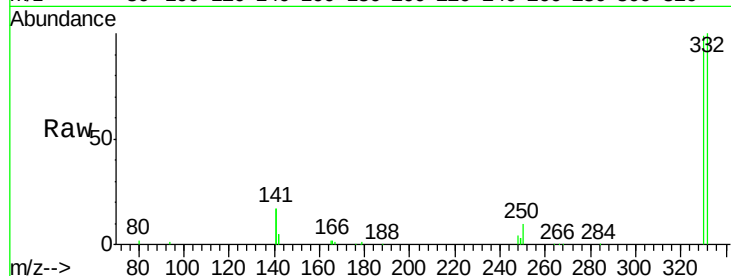




#13
 2,4,6-Tribromophenol
 Concen: 10.96 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

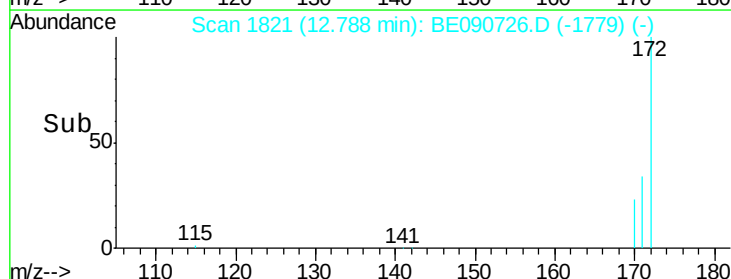
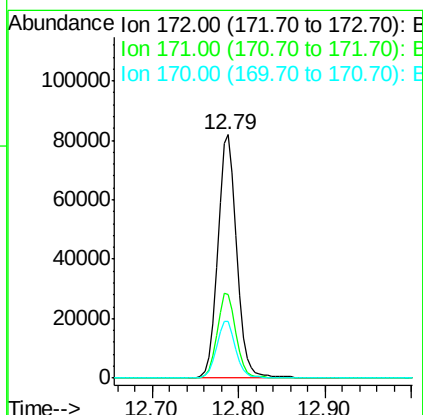
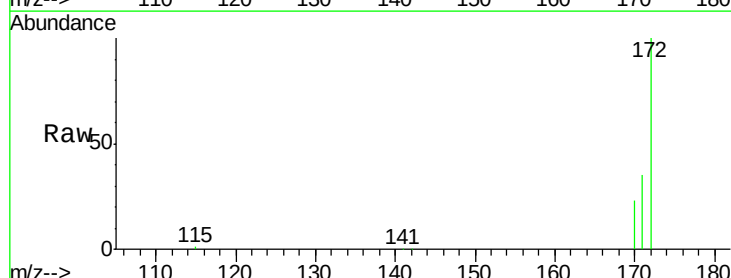
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MSD

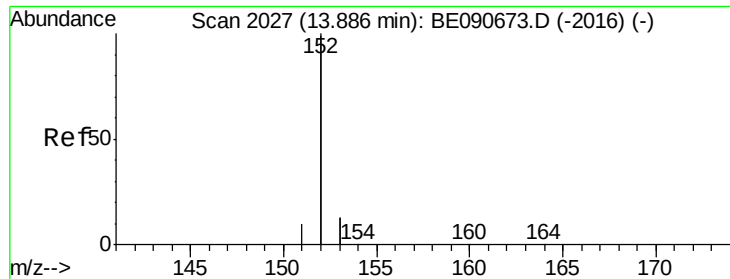
Tgt Ion:330 Resp: 37868
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.9 112.3
 141 178.0 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.91 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Tgt Ion:172 Resp: 126676
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.8
 170 23.2 19.8 29.6





#15

Acenaphthylene

Concen: 4.25 ng

RT: 13.88 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

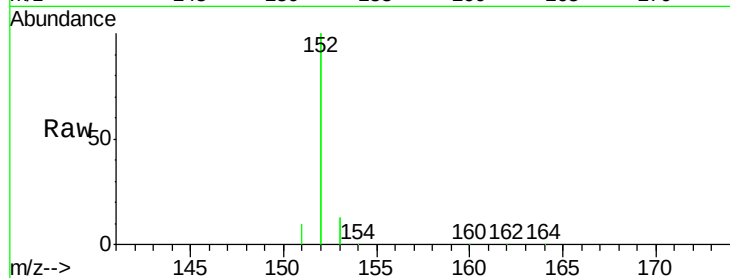
Tgt Ion:152 Resp: 796172

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

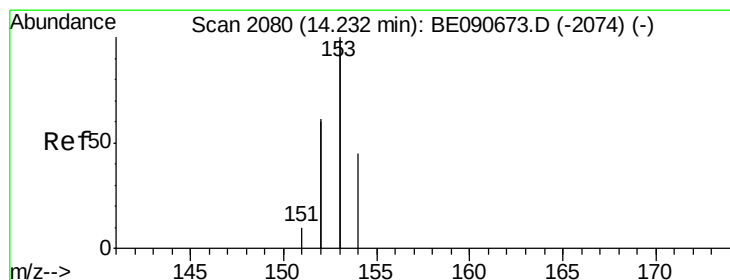
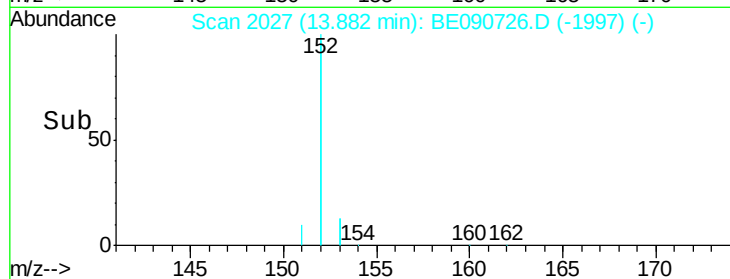
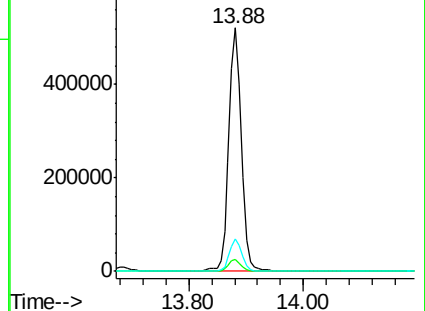
153 12.9 10.3 15.5



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: 3.82 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

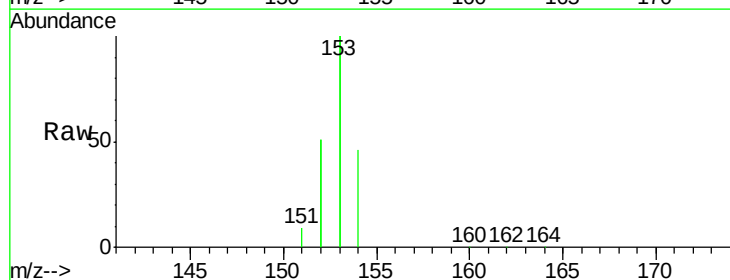
Tgt Ion:154 Resp: 119433

Ion Ratio Lower Upper

154 100

153 438.4 354.5 531.7

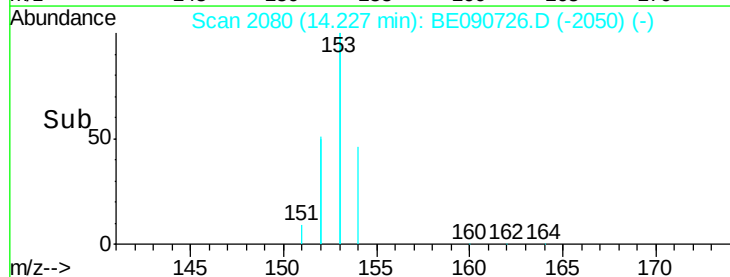
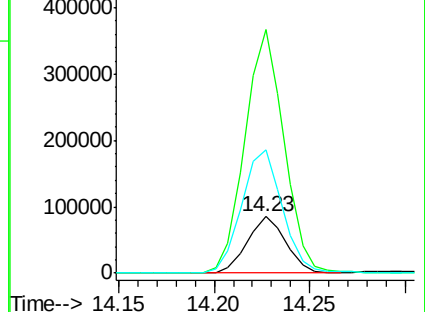
152 230.5 227.8 341.6

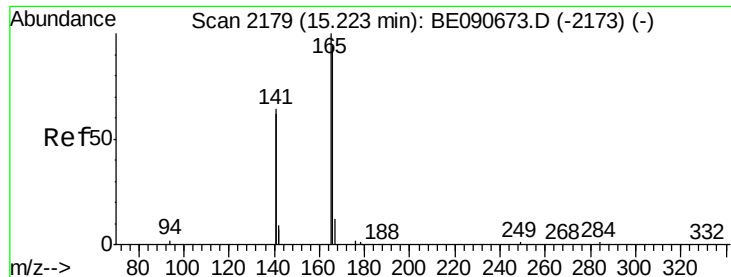


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

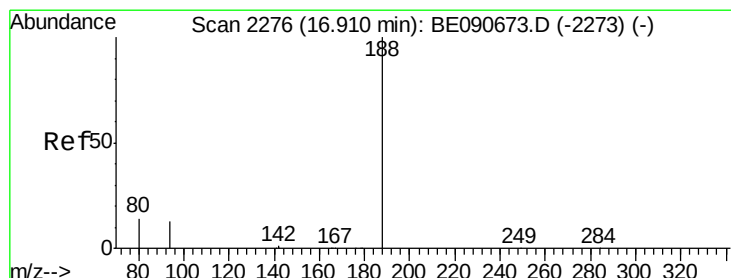
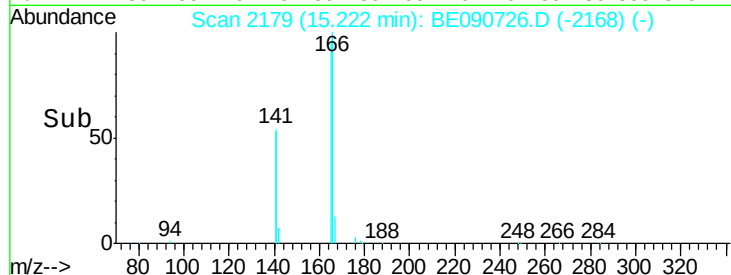
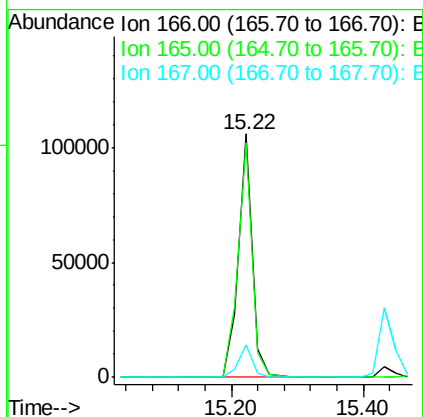
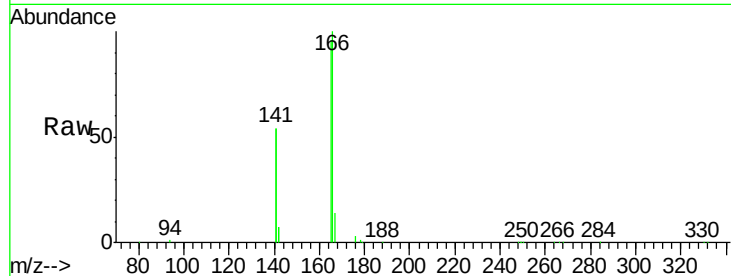




#17
Fluorene
 Concen: 3.95 ng
 RT: 15.22 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

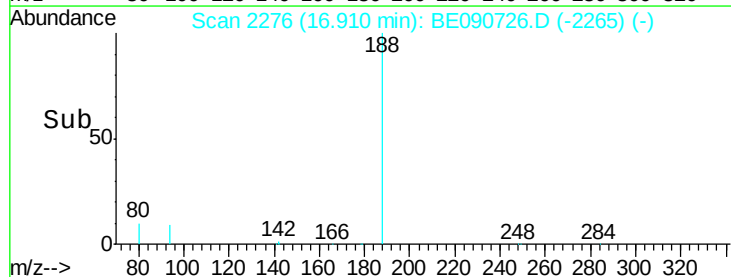
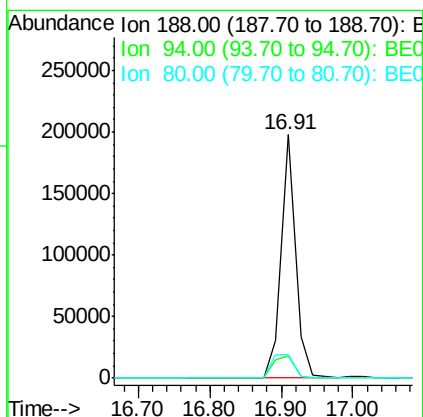
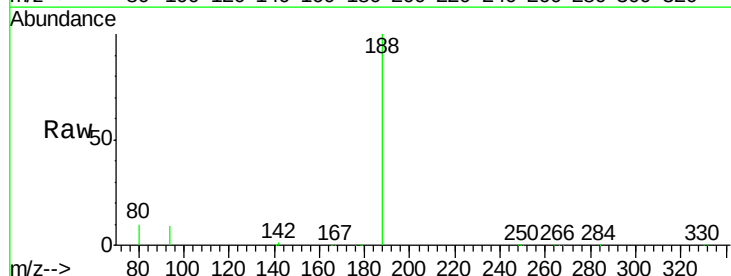
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MSD

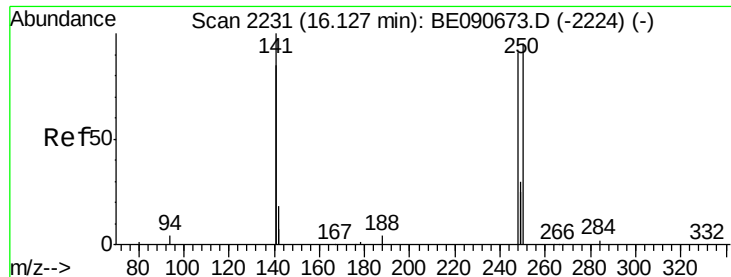
Tgt Ion:166 Resp: 154117
 Ion Ratio Lower Upper
 166 100
 165 98.9 82.7 124.1
 167 13.5 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Tgt Ion:188 Resp: 278044
 Ion Ratio Lower Upper
 188 100
 94 9.2 10.3 15.5#
 80 9.8 11.0 16.6#

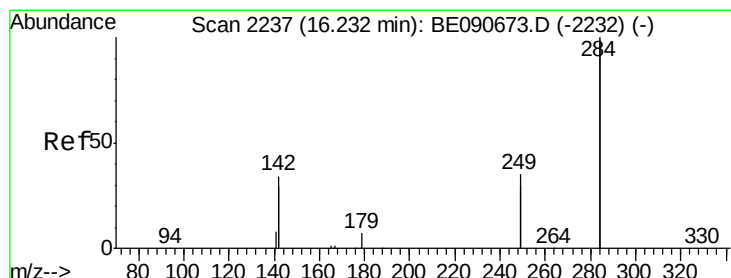
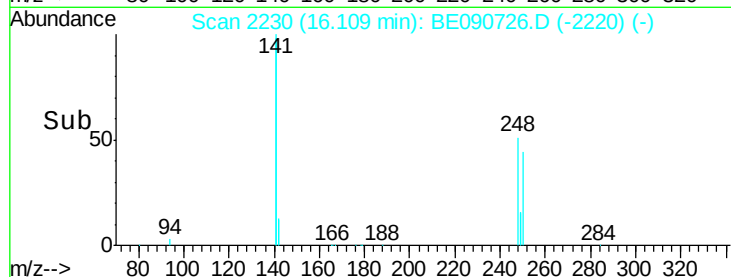
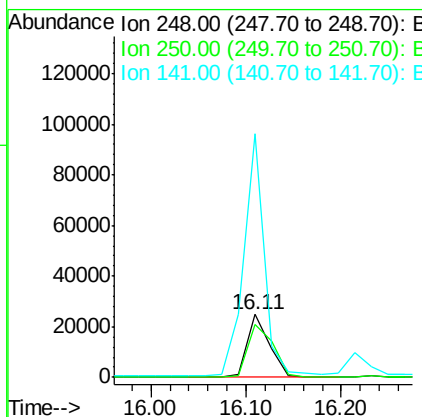
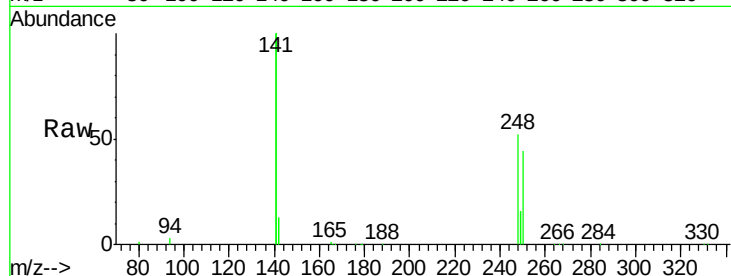




#19
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BE090726.D
Acq: 4 Sep 2015 12:48

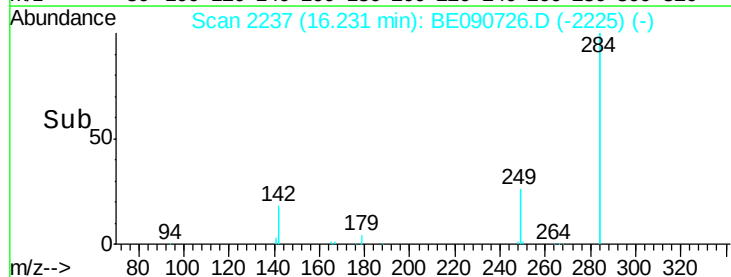
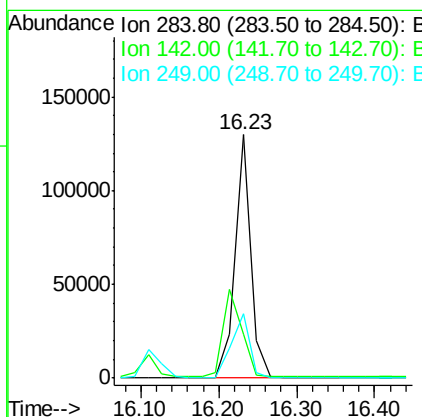
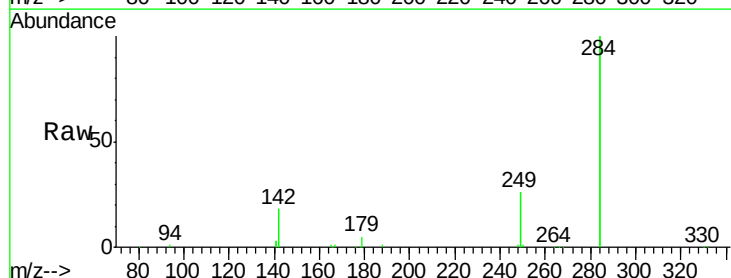
Instrument :
BNA_E
ClientSampleId :
X1SB0840006-20150901MSD

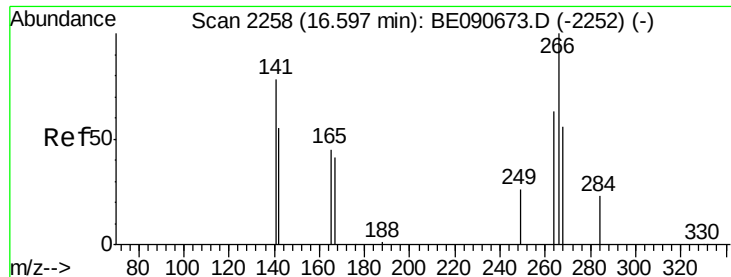
Tgt Ion:248 Resp: 39617
Ion Ratio Lower Upper
248 100
250 97.6 76.7 115.1
141 352.2 292.6 439.0



#20
Hexachlorobenzene
Concen: 4.01 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090726.D
Acq: 4 Sep 2015 12:48

Tgt Ion:284 Resp: 182537
Ion Ratio Lower Upper
284 100
142 41.6 35.0 52.4
249 30.2 25.5 38.3

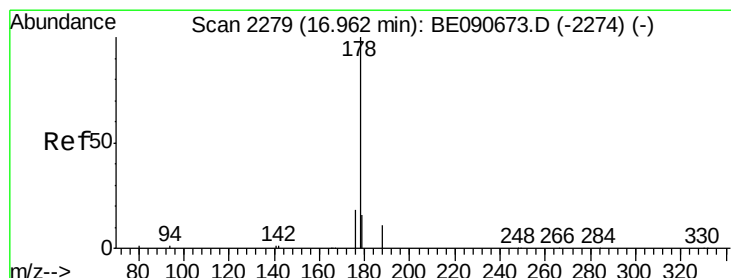
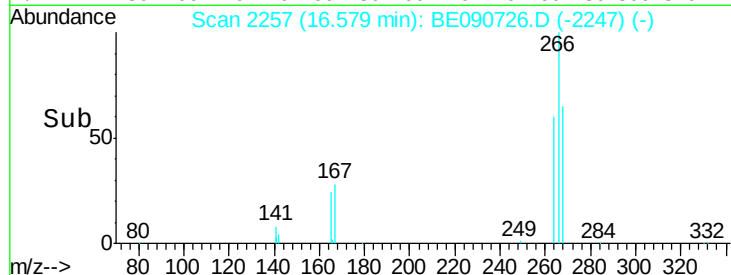
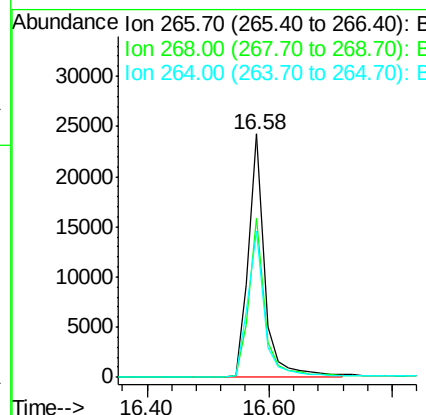
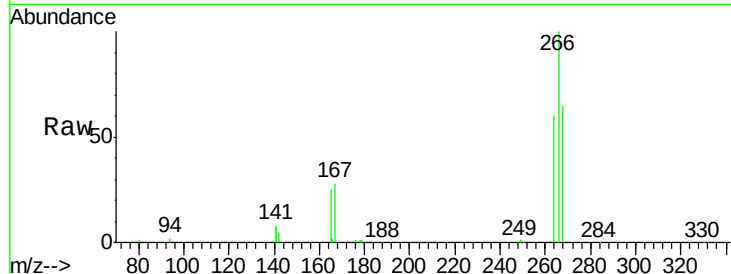




#21
 Pentachlorophenol
 Concen: 11.42 ng
 RT: 16.58 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

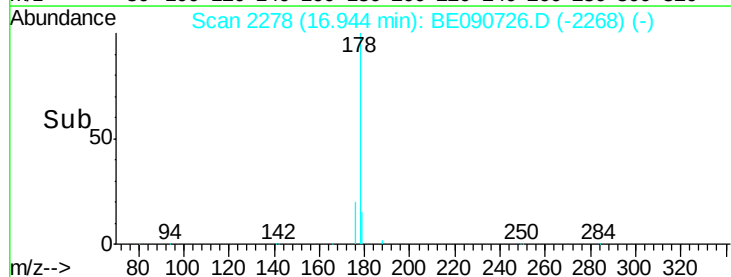
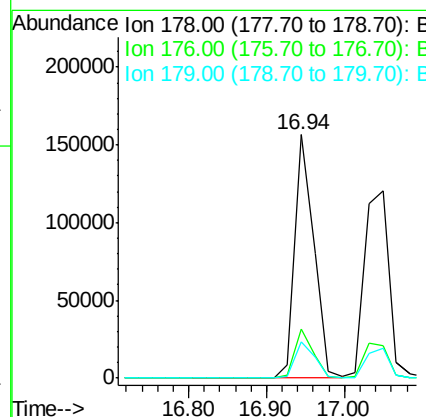
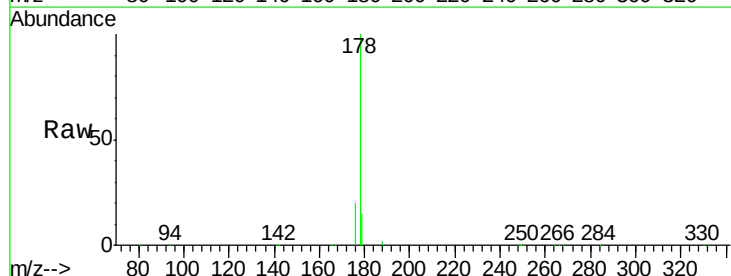
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MSD

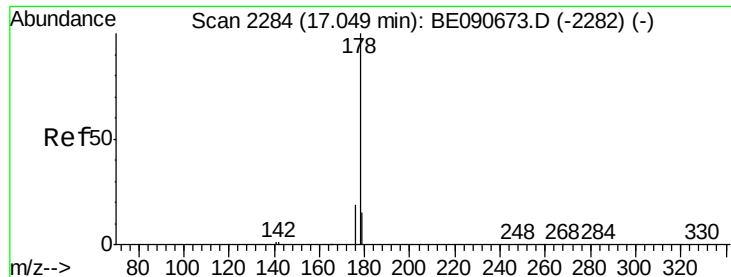
Tgt Ion: 266 Resp: 44879
 Ion Ratio Lower Upper
 266 100
 268 65.4 49.6 74.4
 264 60.1 53.9 80.9



#22
 Phenanthrene
 Concen: 3.80 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Tgt Ion: 178 Resp: 261605
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.6 12.8 19.2





#23

Anthracene

Concen: 4.53 ng

RT: 17.05 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

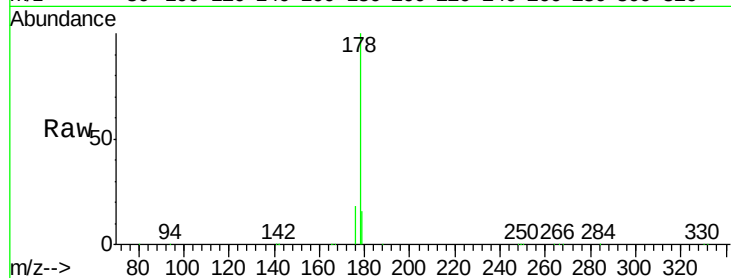
Tgt Ion:178 Resp: 260692

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

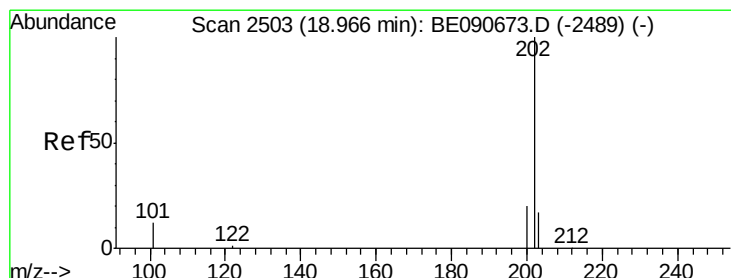
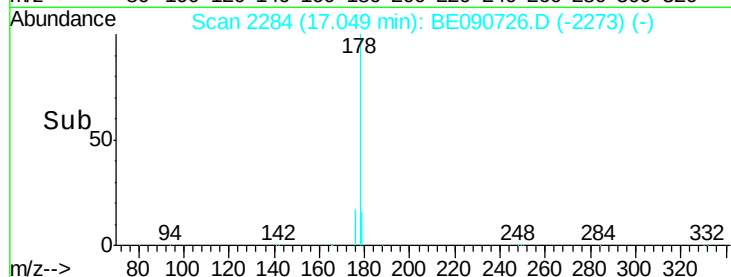
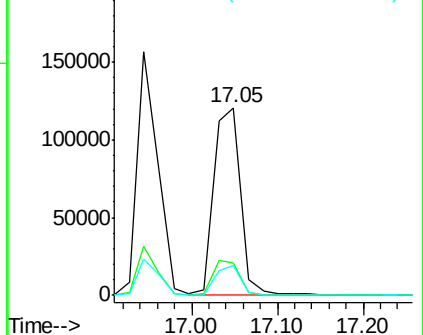
179 15.1 12.3 18.5



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: 4.55 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

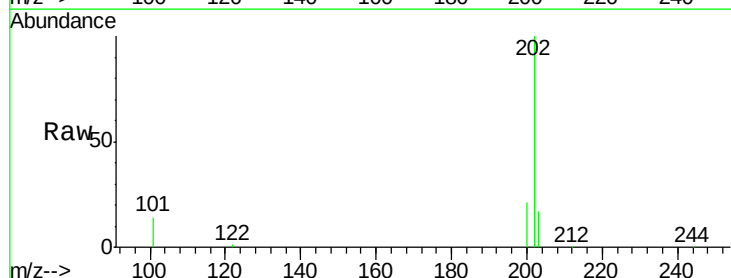
Tgt Ion:202 Resp: 329939

Ion Ratio Lower Upper

202 100

101 14.4 11.0 16.6

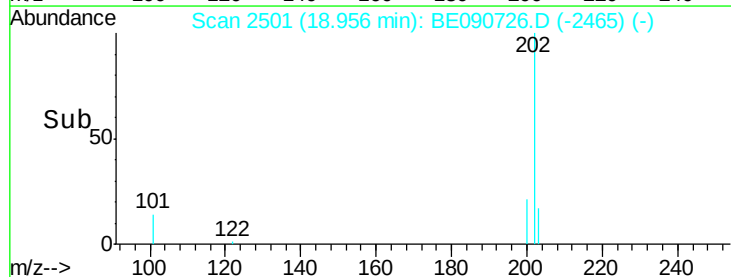
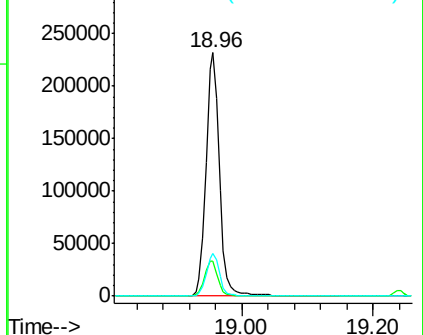
203 17.2 13.9 20.9

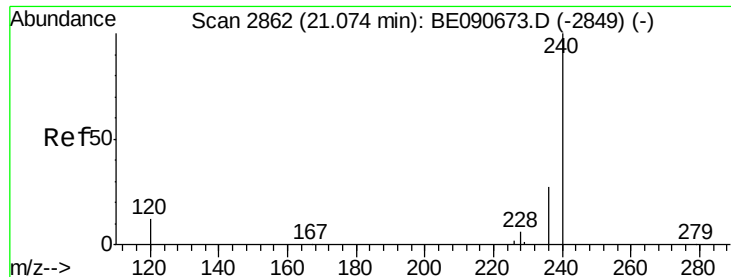


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2861

Delta R.T. -0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

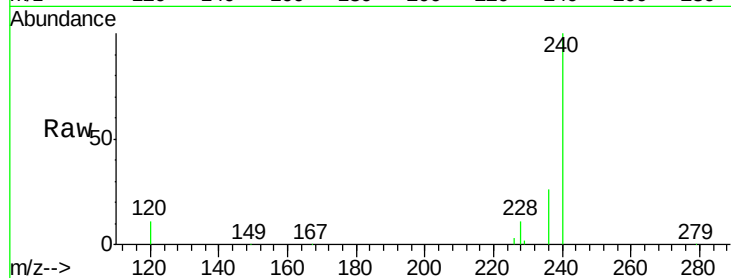
Tgt Ion:240 Resp: 358751

Ion Ratio Lower Upper

240 100

120 10.7 10.1 15.1

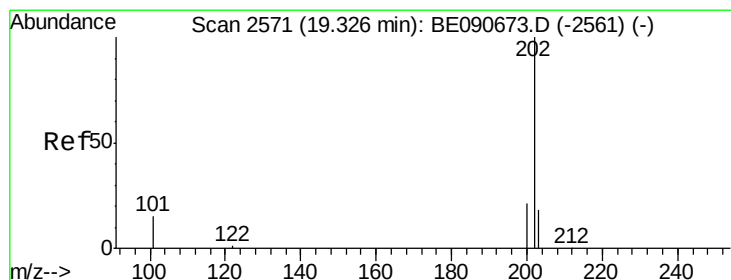
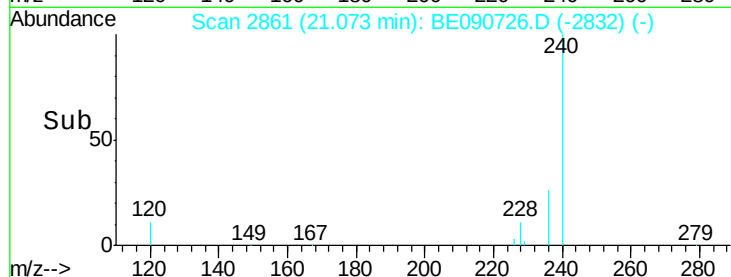
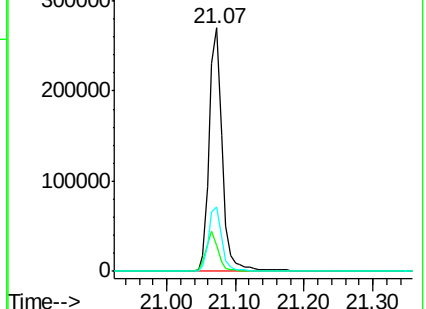
236 26.4 21.9 32.9



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: 4.76 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

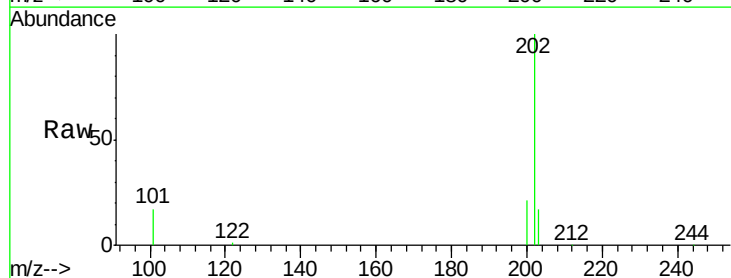
Tgt Ion:202 Resp: 353751

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

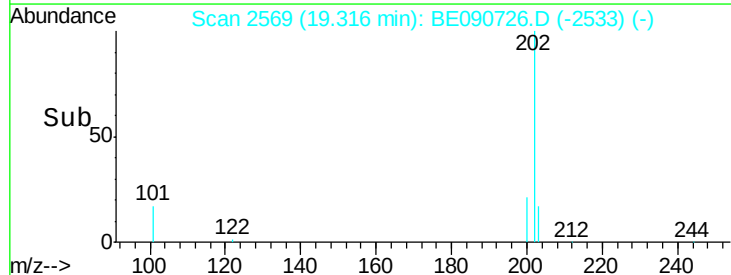
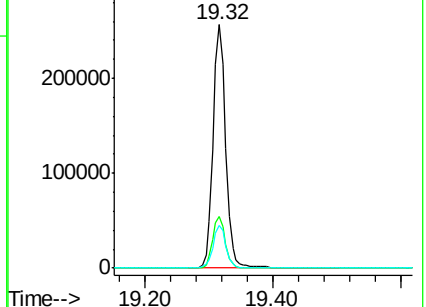
203 18.1 13.8 20.6

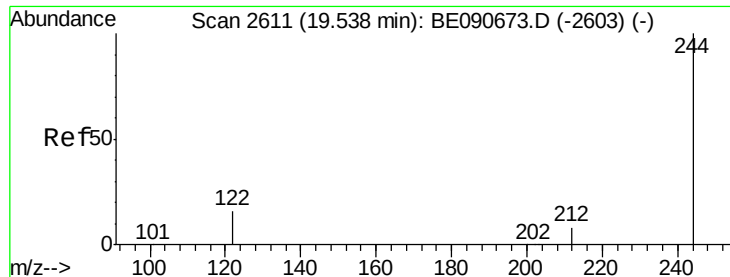


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

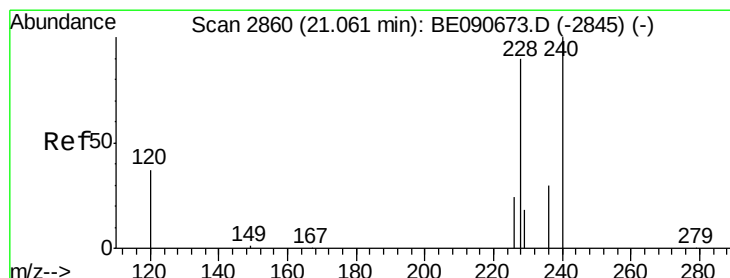
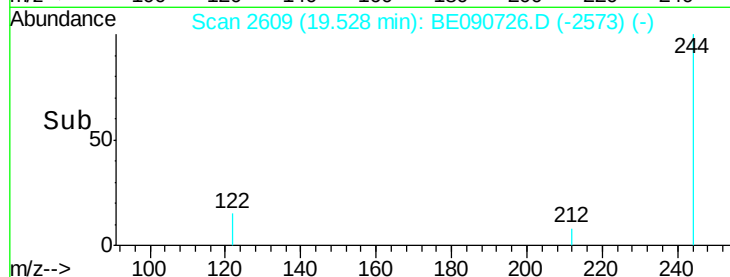
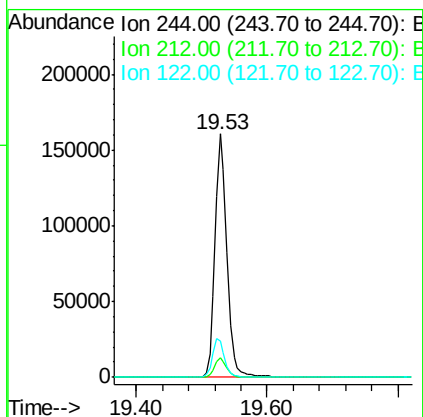
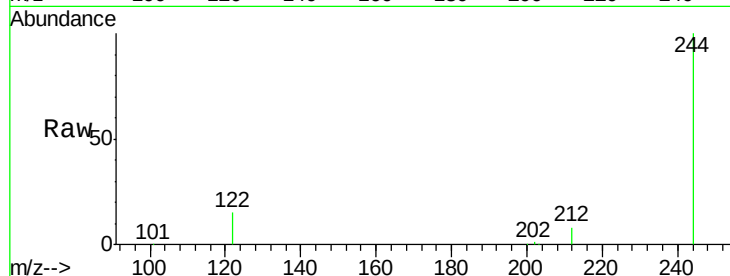




#27
 Terphenyl-d14
 Concen: 5.16 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

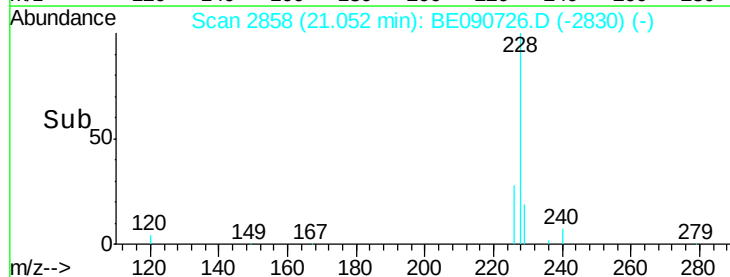
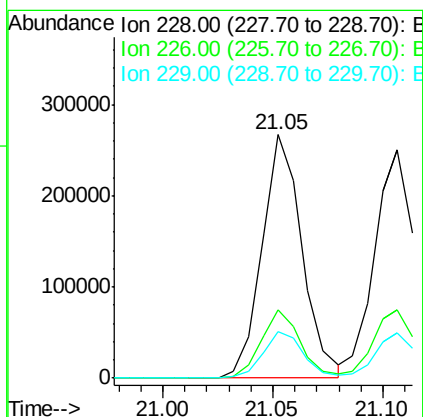
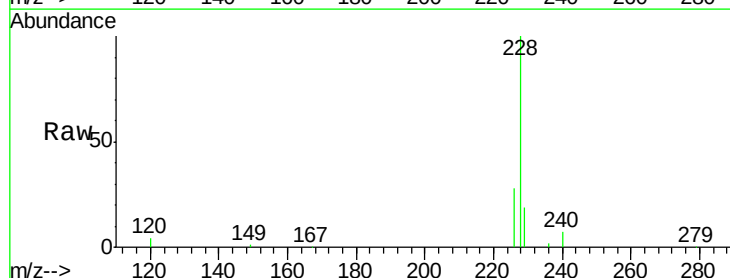
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MSD

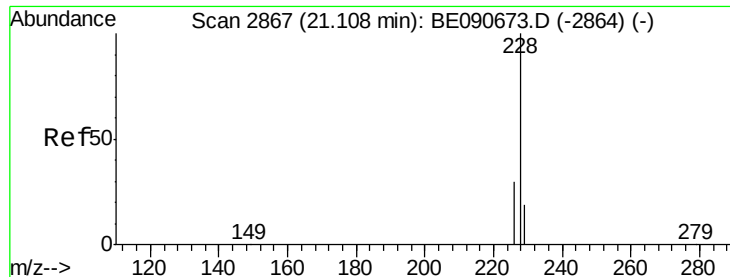
Tgt Ion: 244 Resp: 204784
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 15.0 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 4.33 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090726.D
 Acq: 4 Sep 2015 12:48

Tgt Ion: 228 Resp: 340453
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.6 32.4
 229 19.3 15.9 23.9





#29

Chrysene

Concen: 4.16 ng

RT: 21.11 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

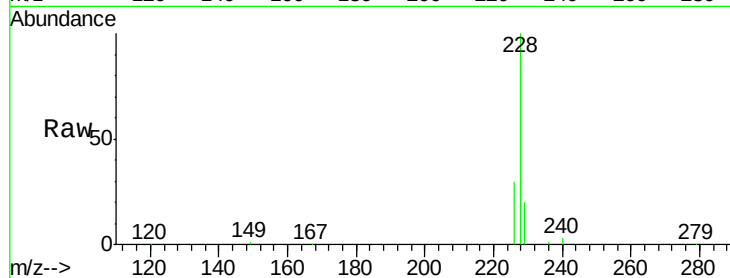
Tgt Ion:228 Resp: 345036

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

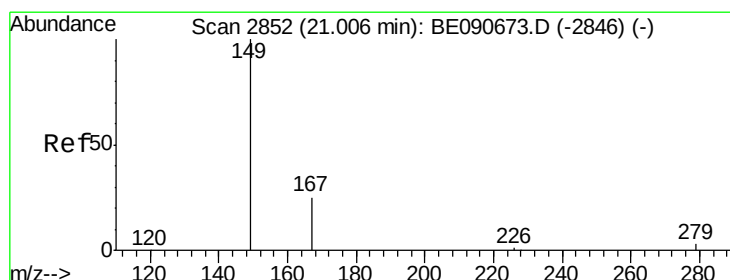
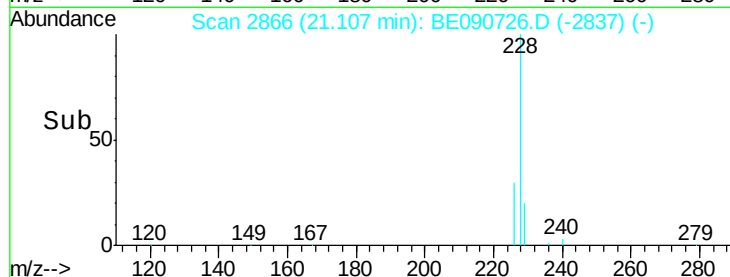
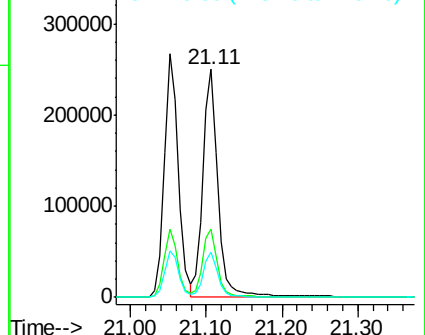
229 19.8 15.3 22.9



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: 6.22 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

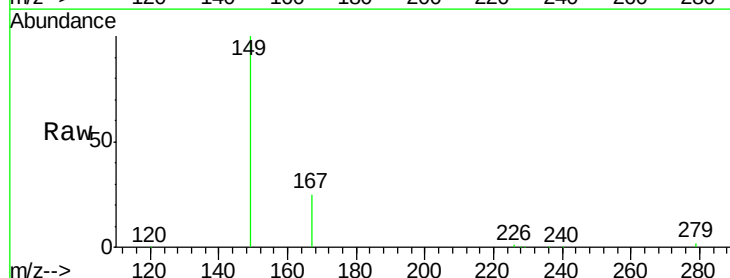
Tgt Ion:149 Resp: 179808

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

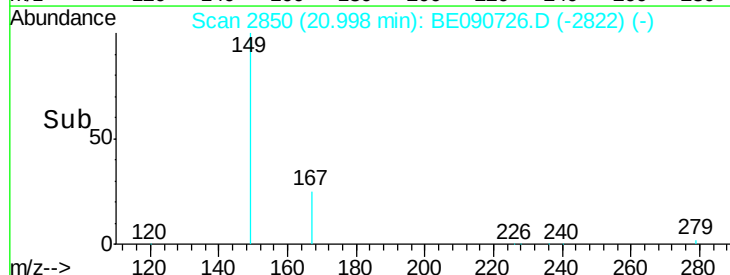
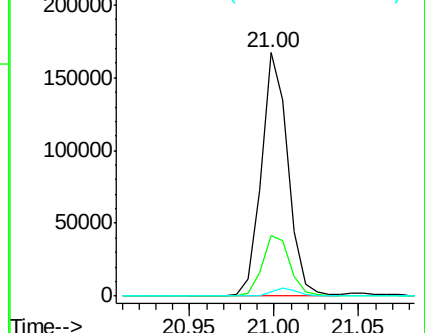
279 3.0 2.3 3.5

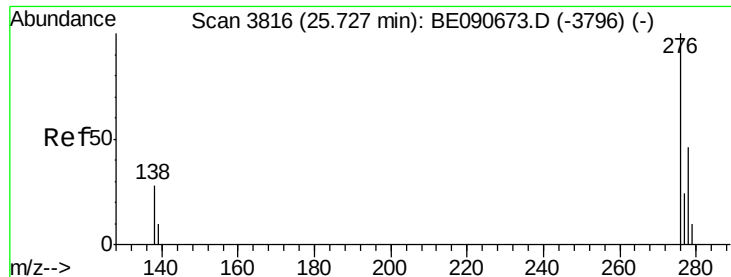


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.40 ng

RT: 25.72 min Scan# 3814

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

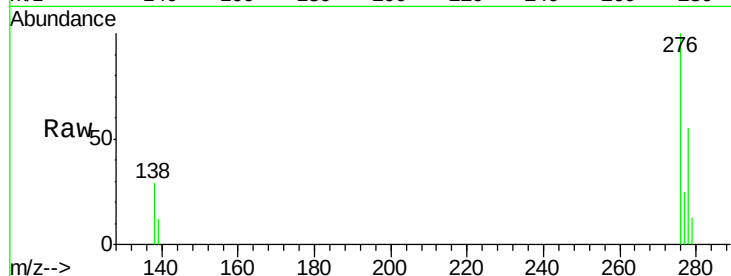
Tgt Ion:276 Resp: 372834

Ion Ratio Lower Upper

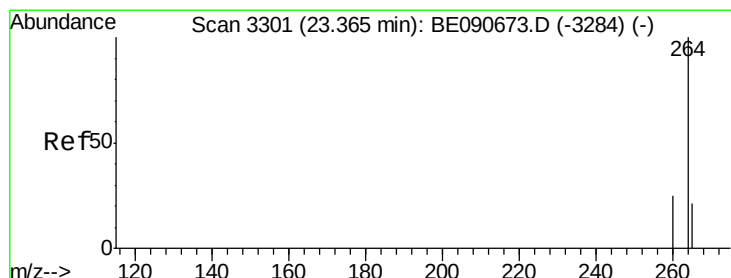
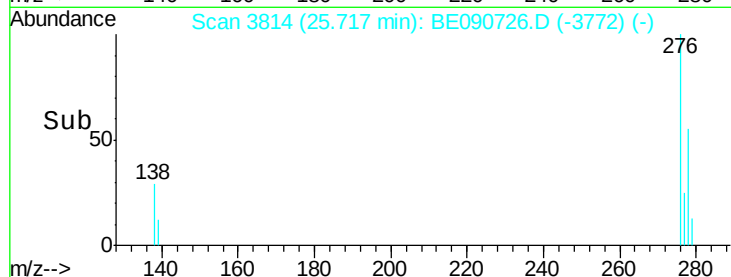
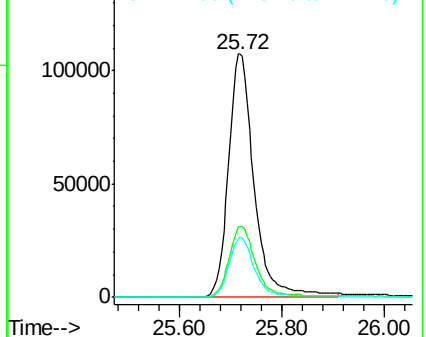
276 100

138 30.4 23.3 34.9

277 25.1 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: 23.36 min Scan# 3299

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

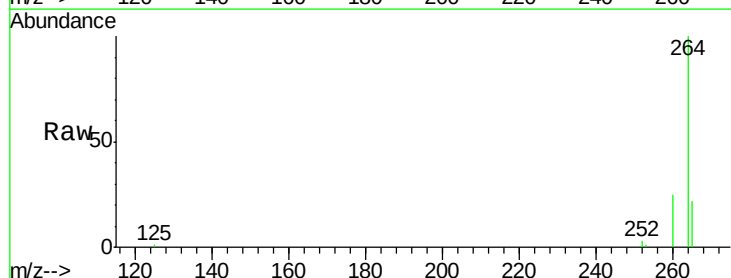
Tgt Ion:264 Resp: 329733

Ion Ratio Lower Upper

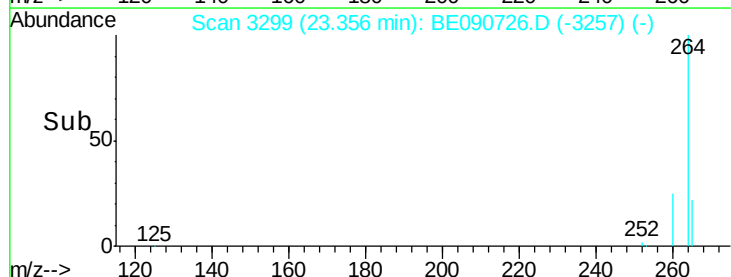
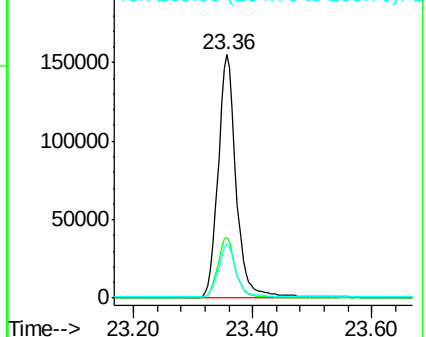
264 100

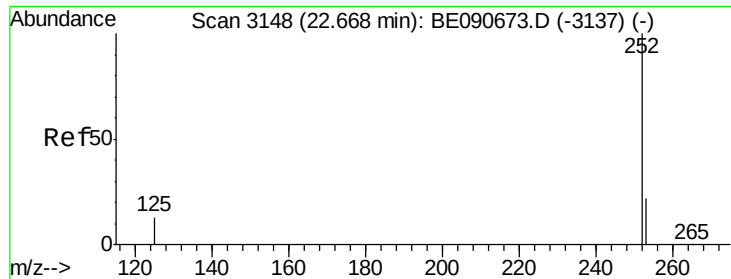
260 25.0 19.7 29.5

265 22.0 17.5 26.3



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: 4.46 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

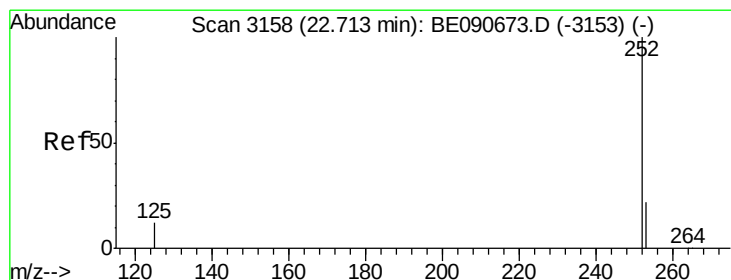
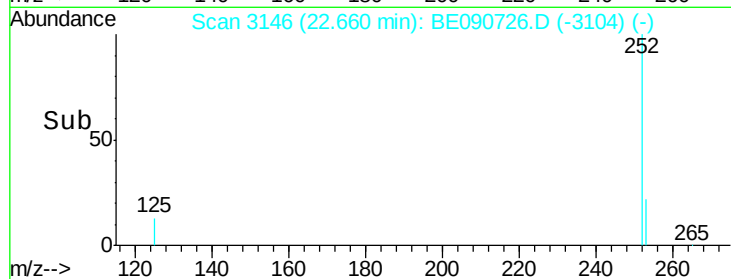
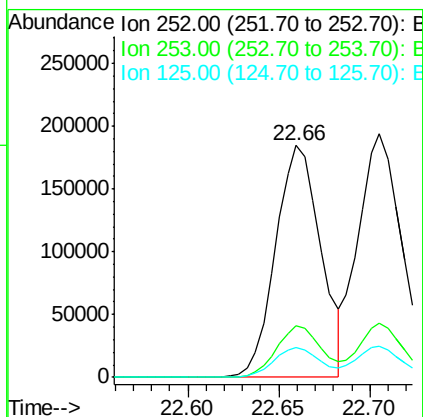
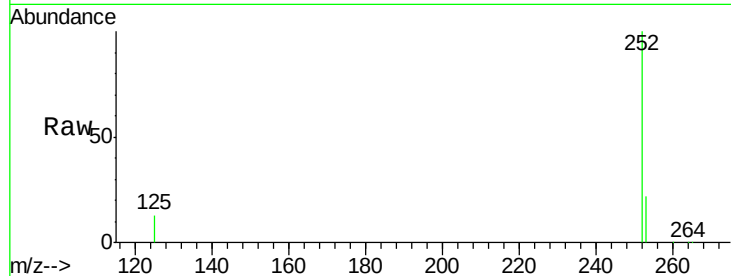
Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

Tgt Ion:	252	Resp:	318888
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.9	10.6	16.0



#34

Benzo(k)fluoranthene

Concen: 4.22 ng

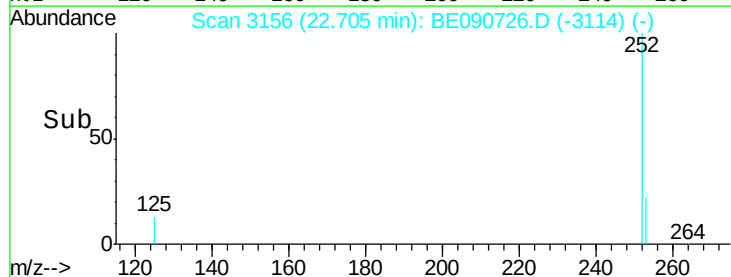
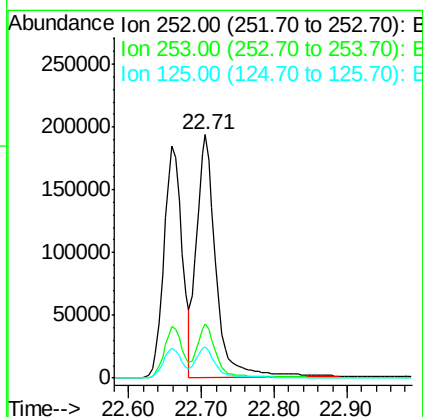
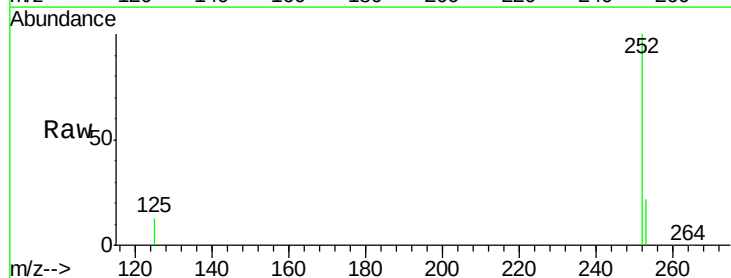
RT: 22.71 min Scan# 3156

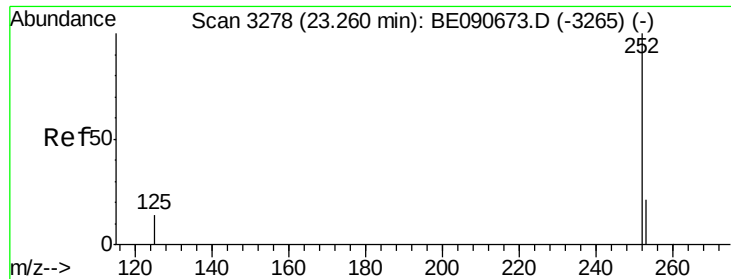
Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Tgt Ion:	252	Resp:	351101
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.8	10.1	15.1





#35

Benzo(a)pyrene

Concen: 4.82 ng

RT: 23.25 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD

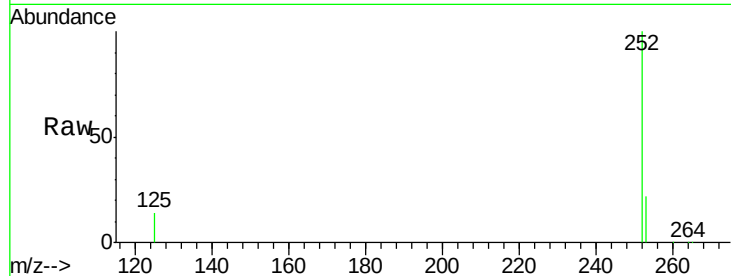
Tgt Ion:252 Resp: 308405

Ion Ratio Lower Upper

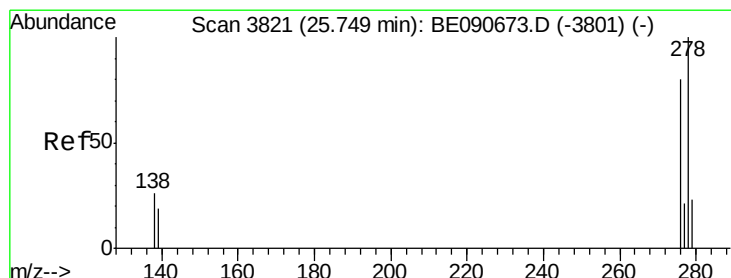
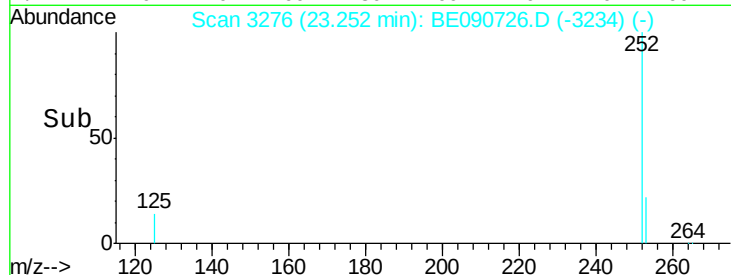
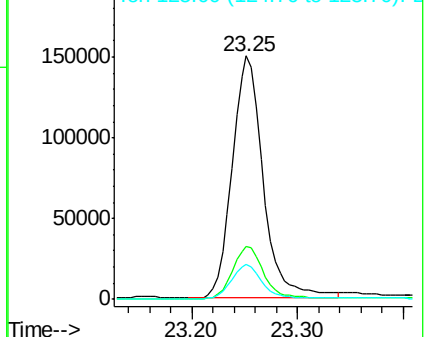
252 100

253 21.9 17.5 26.3

125 14.1 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: 3.94 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.01 min

Lab File: BE090726.D

Acq: 4 Sep 2015 12:48

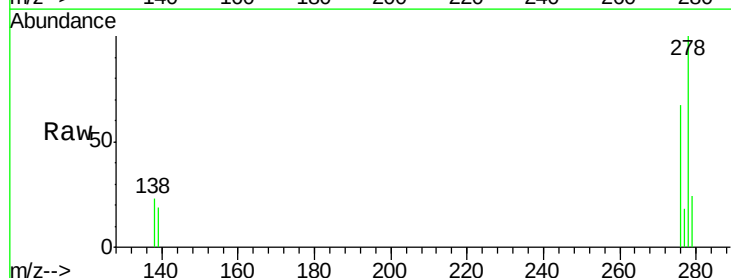
Tgt Ion:278 Resp: 305113

Ion Ratio Lower Upper

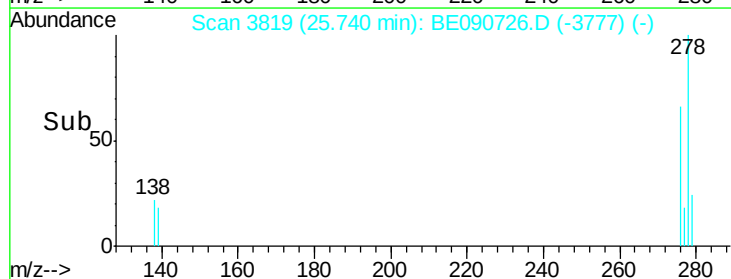
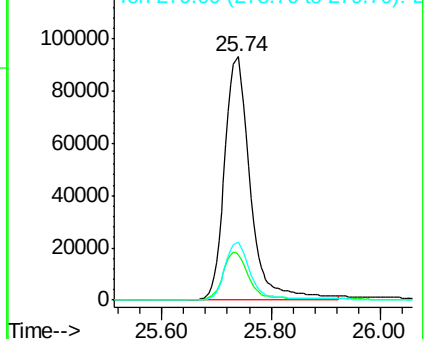
278 100

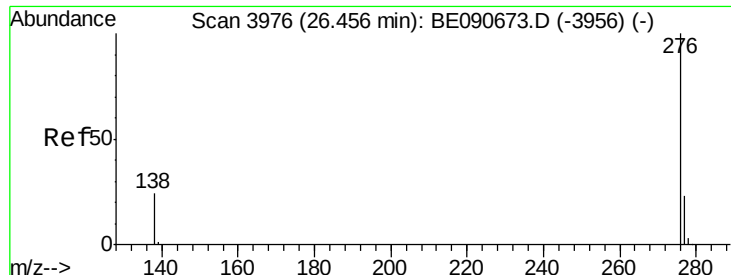
139 18.6 15.4 23.0

279 23.8 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(g,h,i)perylene

Concen: 4.36 ng

RT: 26.44 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BE090726.D

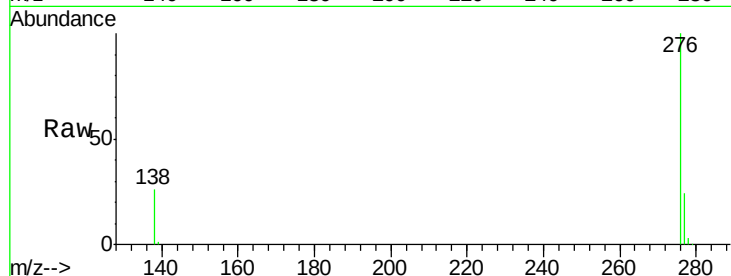
Acq: 4 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MSD



Tgt Ion: 276 Resp: 320501

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 26.2 20.1 30.1

