

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
 Data File : BE090761.D
 Acq On : 10 Sep 2015 15:05
 Operator : UM/IZ
 Sample : G3598-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-U-B

Quant Time: Sep 11 03:00:34 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

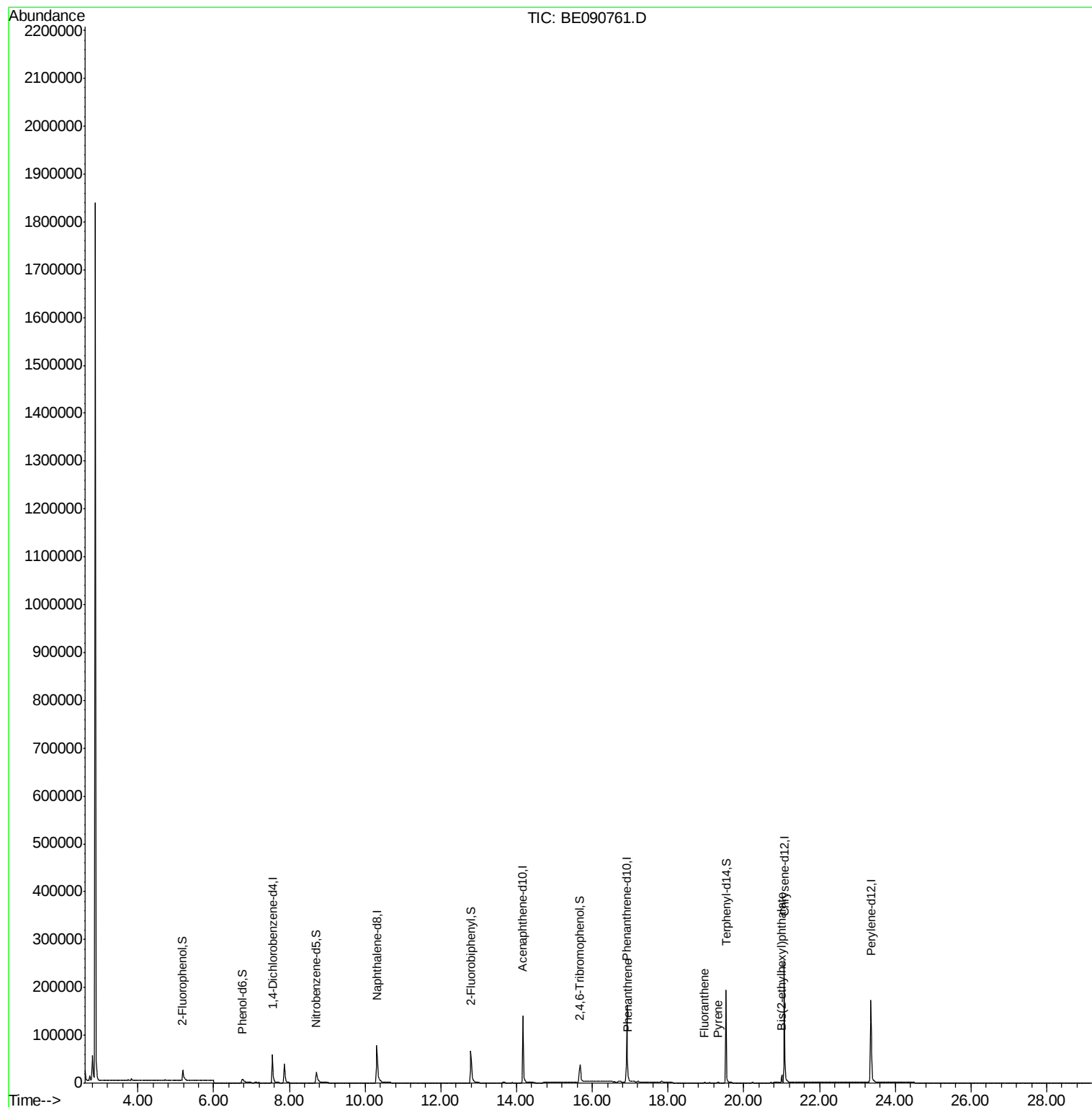
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	36840	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	162899	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	86645	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	215813	5.00	ng	0.00
25) Chrysene-d12	21.07	240	267142	5.00	ng	0.00
32) Perylene-d12	23.36	264	237471	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	25868	3.61	ng	0.00
5) Phenol-d6	6.76	99	23360	2.28	ng	0.00
7) Nitrobenzene-d5	8.71	82	42303	3.93	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	20703	8.14	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	102074	4.25	ng	0.00
27) Terphenyl-d14	19.53	244	204337	6.91	ng	-0.01
Target Compounds						
22) Phenanthrene	16.94	178	1182	0.02	ng	# 82
24) Fluoranthene	18.96	202	1279	0.02	ng	# 94
26) Pyrene	19.32	202	1459	0.03	ng	# 90
30) Bis(2-ethylhexyl)phthalate	21.00	149	13609	0.91	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: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-B

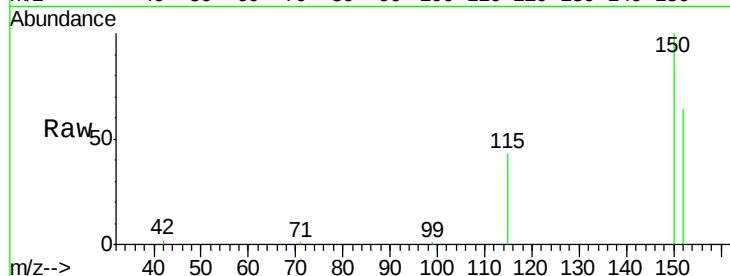
Tgt Ion:152 Resp: 36840

Ion Ratio Lower Upper

152 100

150 156.3 122.2 183.4

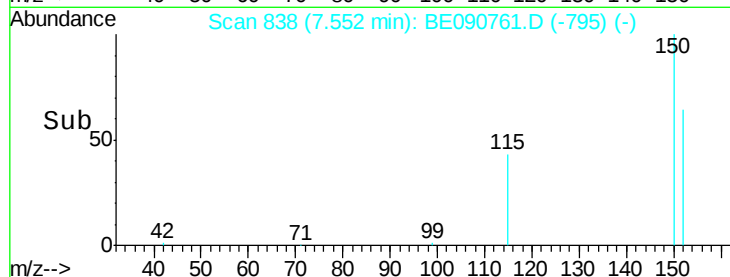
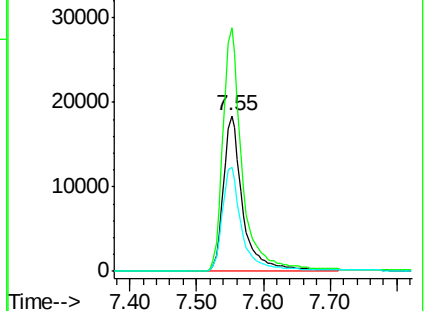
115 66.7 51.0 76.4



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



#4

2-Fluorophenol

Concen: 3.61 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

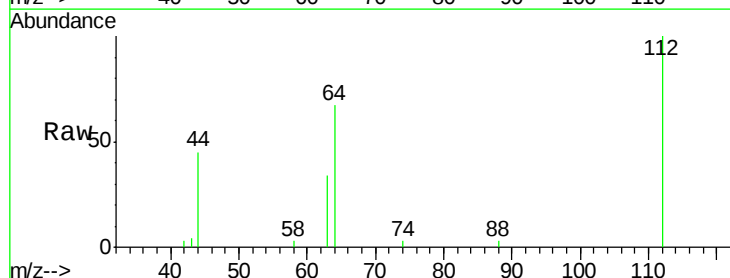
Tgt Ion:112 Resp: 25868

Ion Ratio Lower Upper

112 100

64 73.0 57.3 85.9

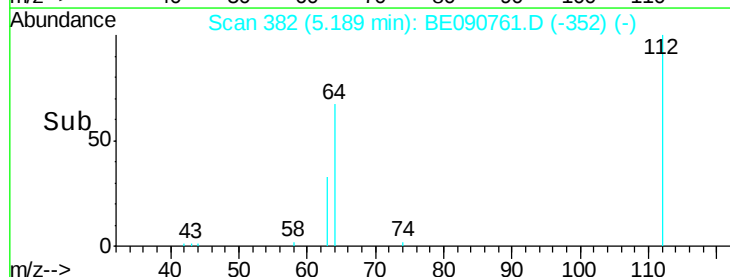
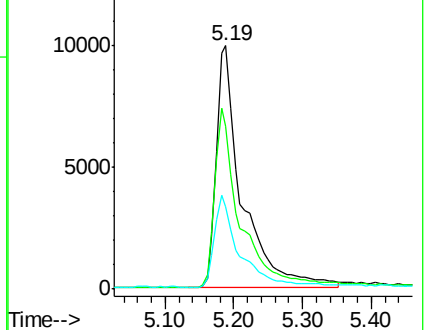
63 37.3 29.2 43.8

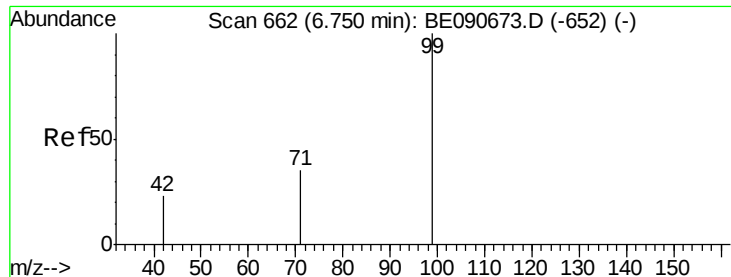


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.28 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.01 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-B

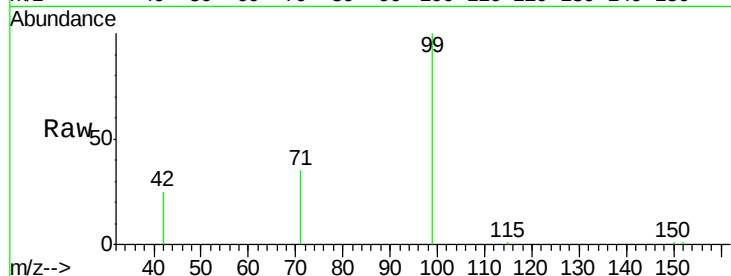
Tgt Ion: 99 Resp: 23360

Ion Ratio Lower Upper

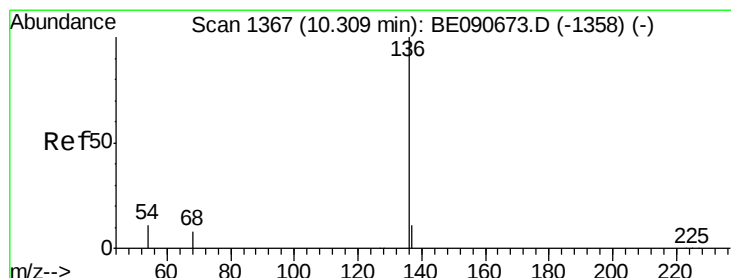
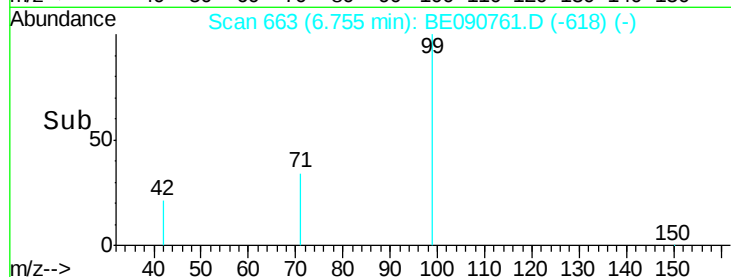
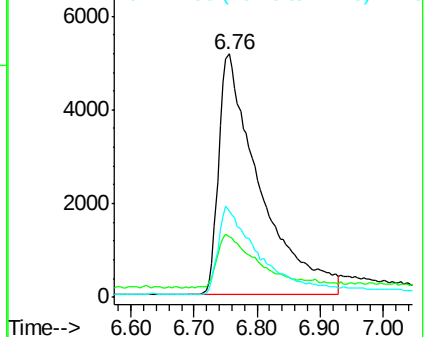
99 100

42 21.3 16.8 25.2

71 36.6 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: BE090761.D

Acq: 10 Sep 2015 15:05

Tgt Ion: 136 Resp: 162899

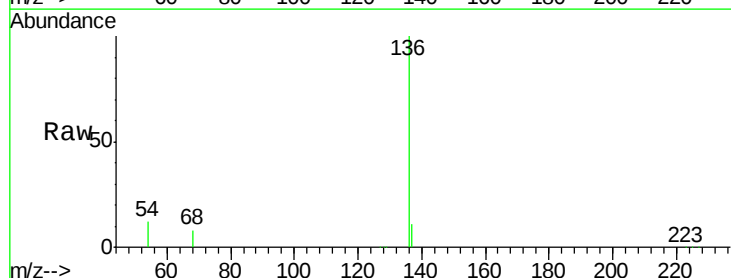
Ion Ratio Lower Upper

136 100

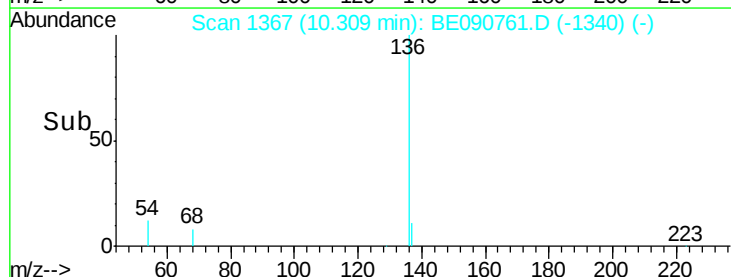
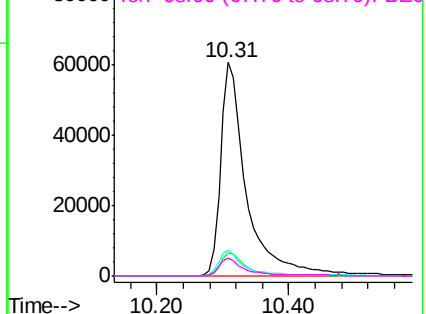
137 11.0 8.7 13.1

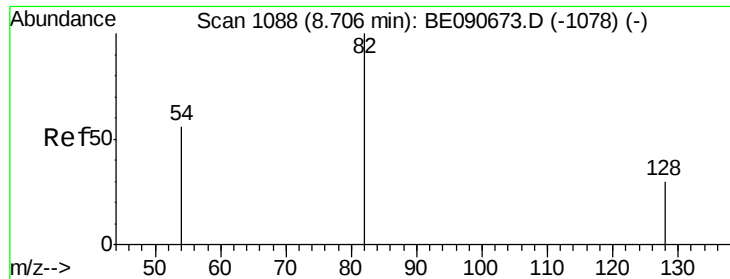
54 11.9 9.0 13.6

68 8.5 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: 3.93 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-B

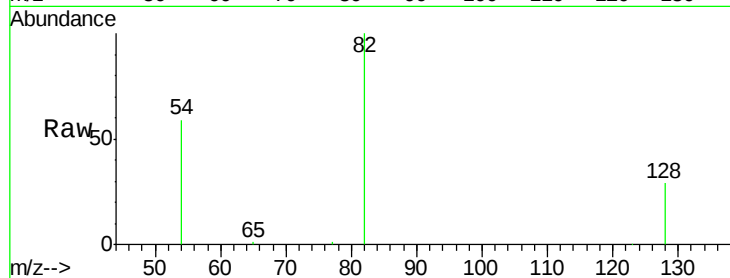
Tgt Ion: 82 Resp: 42303

Ion Ratio Lower Upper

82 100

128 29.2 25.0 37.4

54 58.8 46.3 69.5



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

8.71

15000

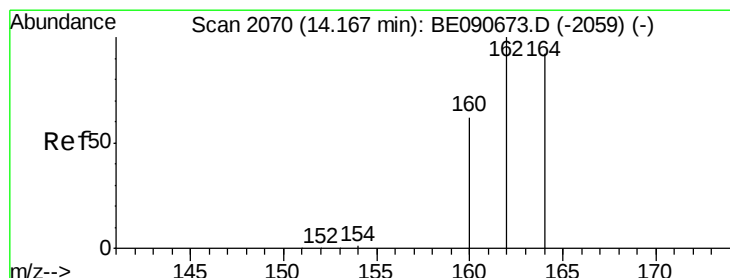
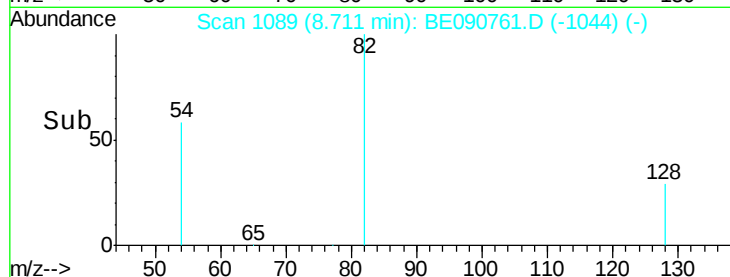
10000

5000

0

Time-->

8.60 8.70 8.80 8.90



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

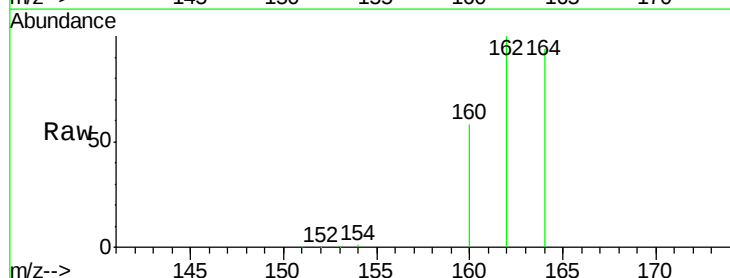
Tgt Ion: 164 Resp: 86645

Ion Ratio Lower Upper

164 100

162 106.9 86.8 130.2

160 61.9 53.9 80.9



Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

14.17

60000

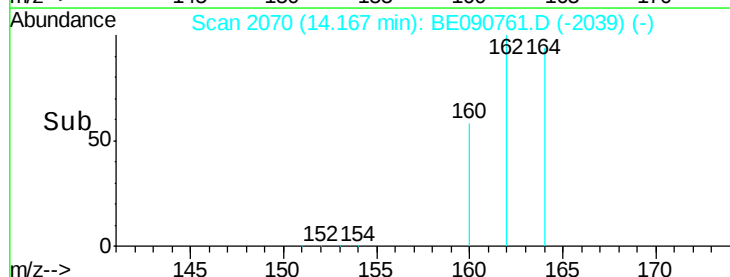
40000

20000

0

Time-->

14.00 14.20 14.40

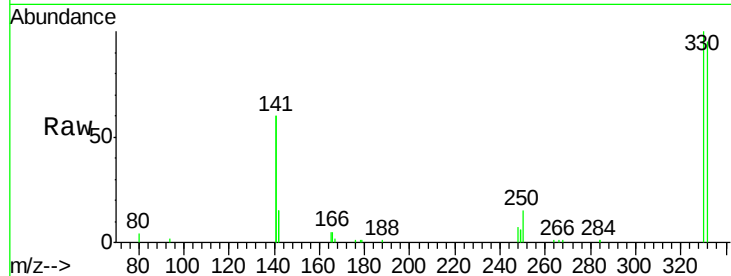




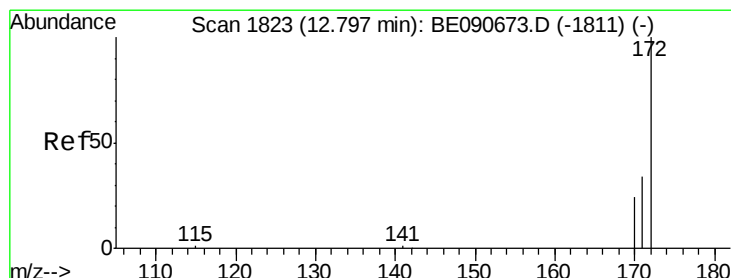
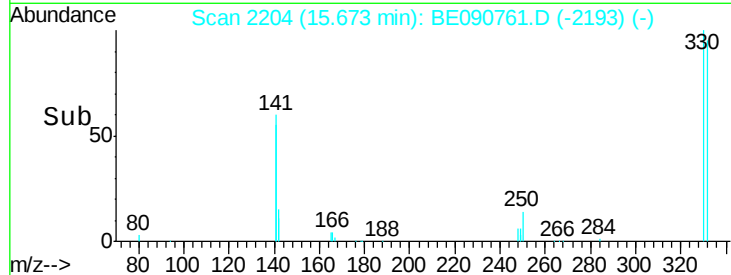
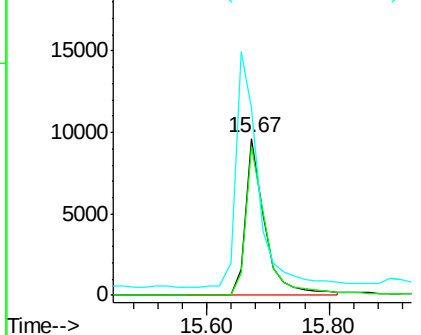
#13
 2,4,6-Tribromophenol
 Concen: 8.14 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090761.D
 Acq: 10 Sep 2015 15:05

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-U-B

Tgt Ion: 330 Resp: 20703
 Ion Ratio Lower Upper
 330 100
 332 97.4 74.9 112.3
 141 179.3 145.2 217.8

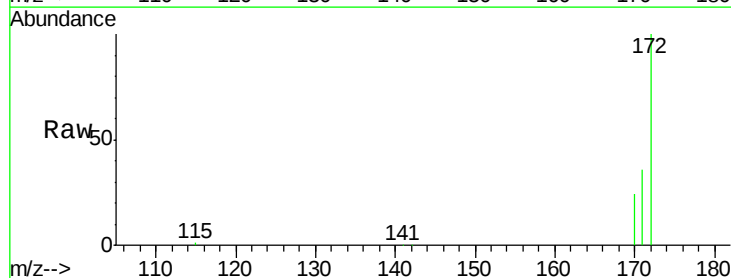


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

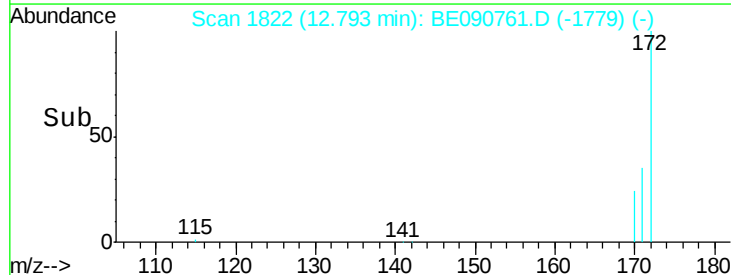
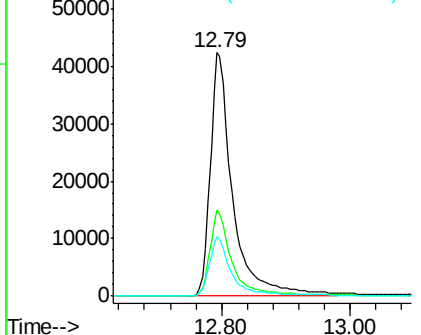


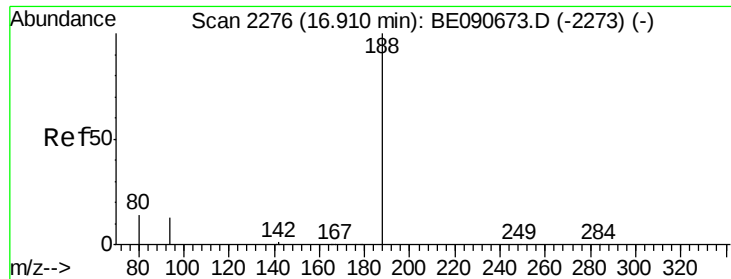
#14
 2-Fluorobiphenyl
 Concen: 4.25 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090761.D
 Acq: 10 Sep 2015 15:05

Tgt Ion: 172 Resp: 102074
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.8 41.8
 170 24.2 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

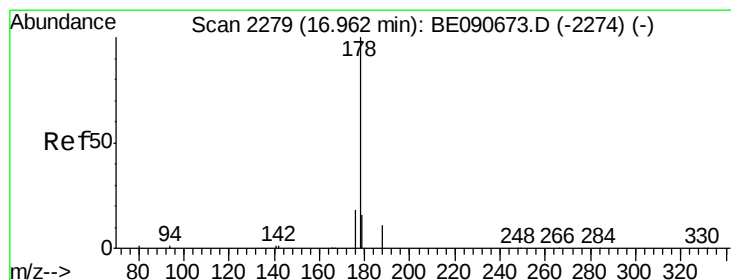
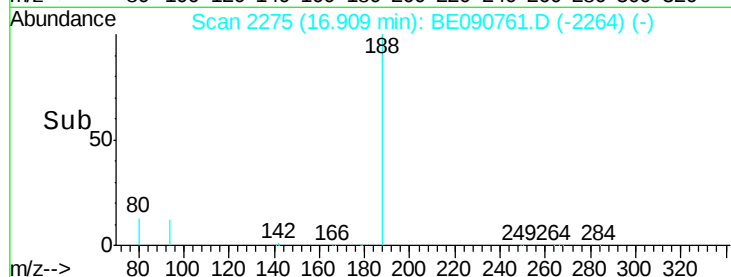
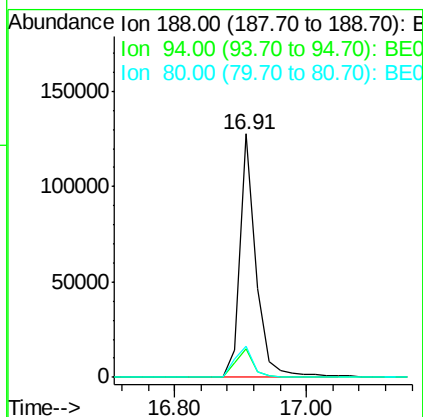
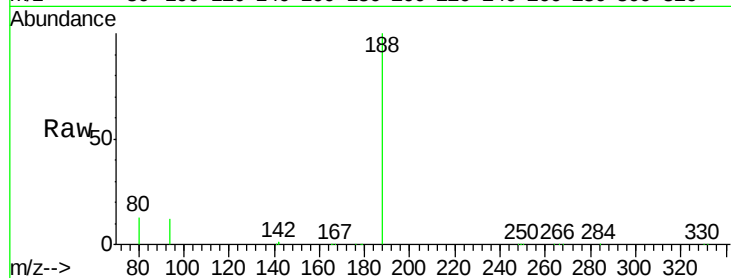




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090761.D
Acq: 10 Sep 2015 15:05

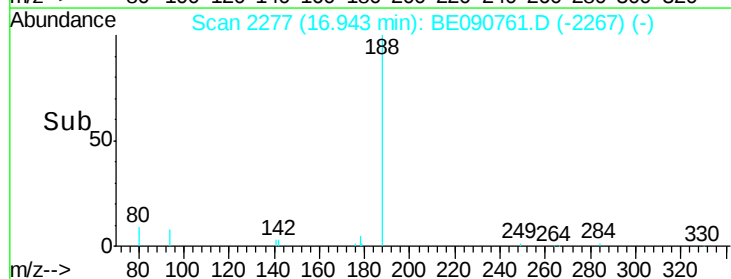
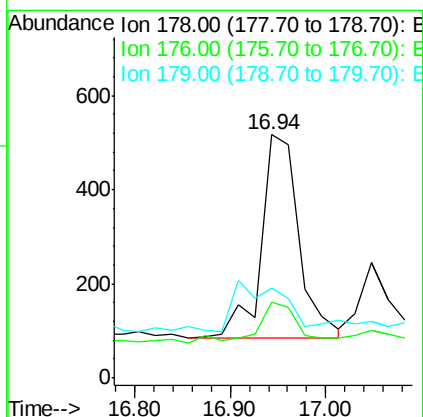
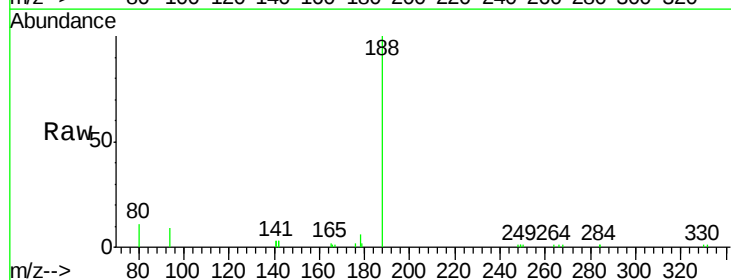
Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-B

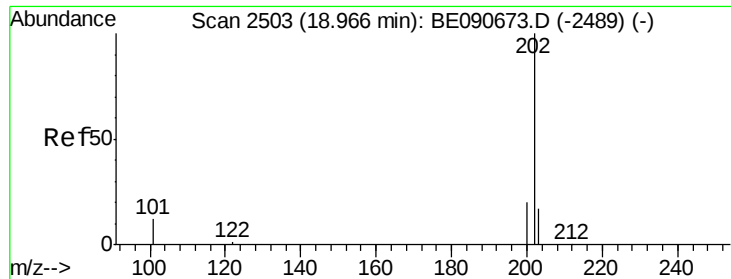
Tgt Ion:188 Resp: 215813
Ion Ratio Lower Upper
188 100
94 11.7 10.3 15.5
80 12.7 11.0 16.6



#22
Phenanthrene
Concen: 0.02 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090761.D
Acq: 10 Sep 2015 15:05

Tgt Ion:178 Resp: 1182
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 0.0 12.8 19.2#





#24

Fluoranthene

Concen: 0.02 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-B

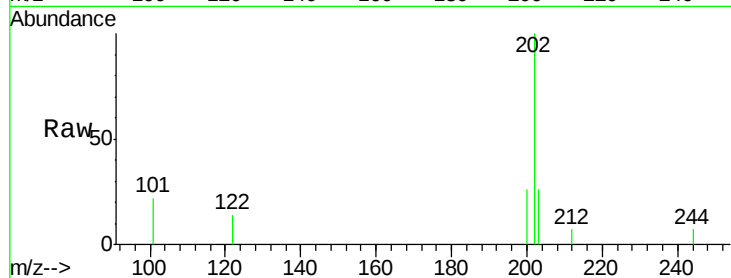
Tgt Ion:202 Resp: 1279

Ion Ratio Lower Upper

202 100

101 18.6 11.0 16.6#

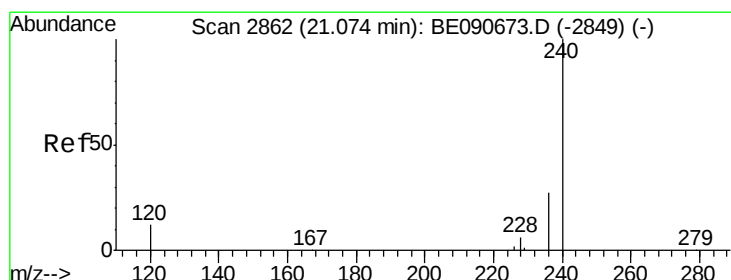
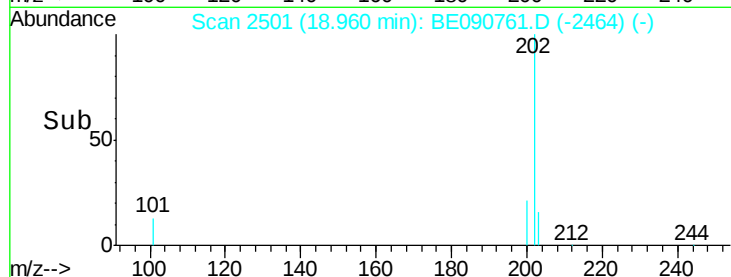
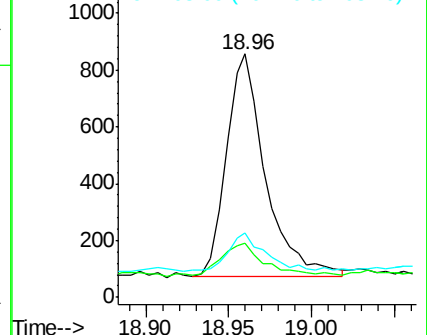
203 16.7 13.9 20.9



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: BE090761.D

Acq: 10 Sep 2015 15:05

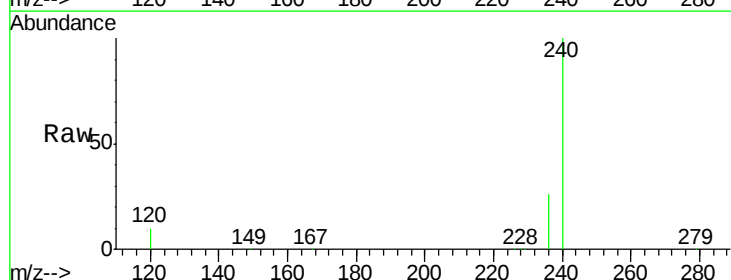
Tgt Ion:240 Resp: 267142

Ion Ratio Lower Upper

240 100

120 9.9 10.1 15.1#

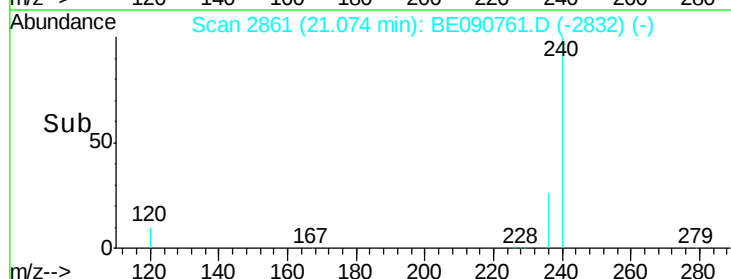
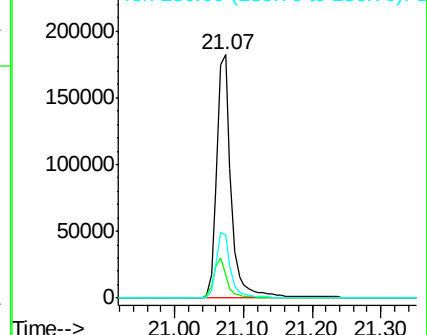
236 26.0 21.9 32.9

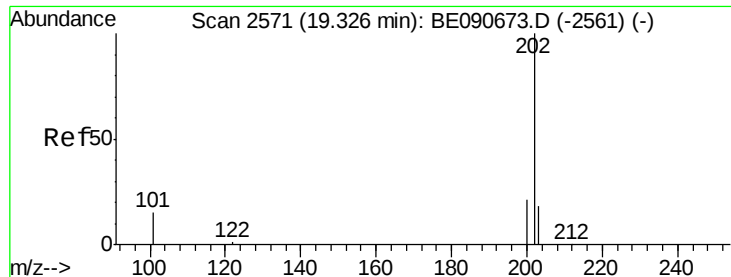


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.03 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

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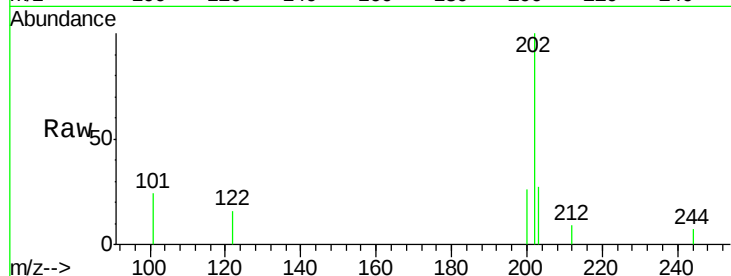
Tgt Ion:202 Resp: 1459

Ion Ratio Lower Upper

202 100

200 18.9 16.7 25.1

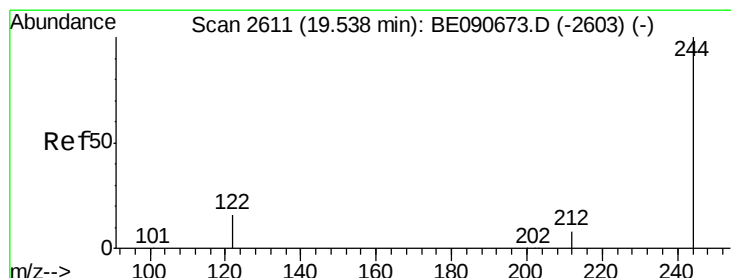
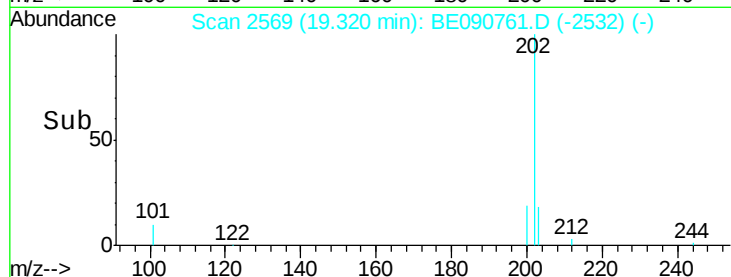
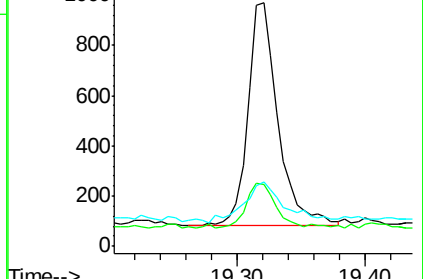
203 24.8 13.8 20.6#



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: 6.91 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090761.D

Acq: 10 Sep 2015 15:05

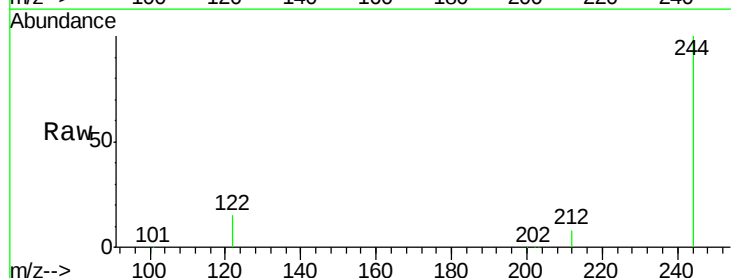
Tgt Ion:244 Resp: 204337

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

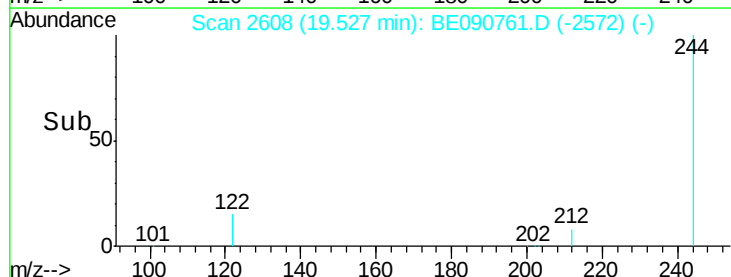
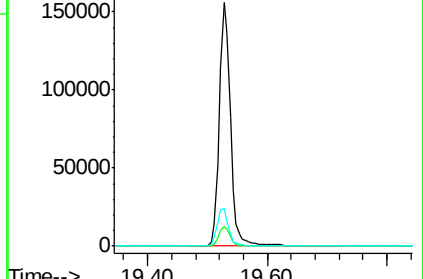
122 15.3 12.9 19.3

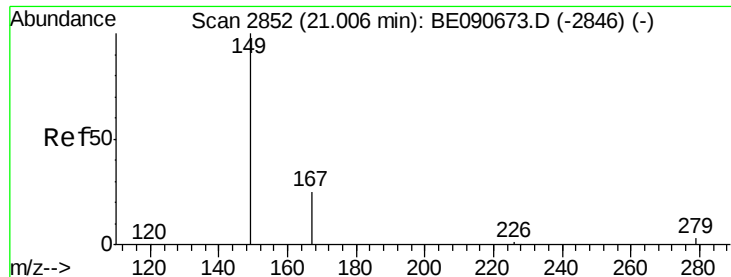


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

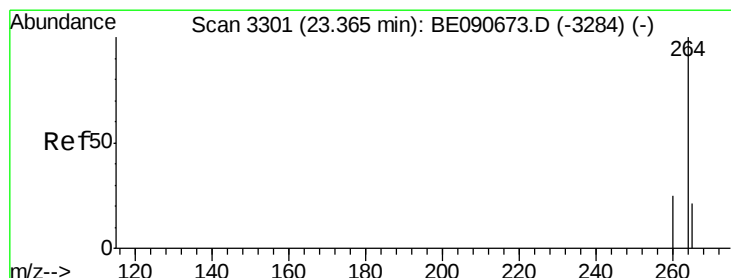
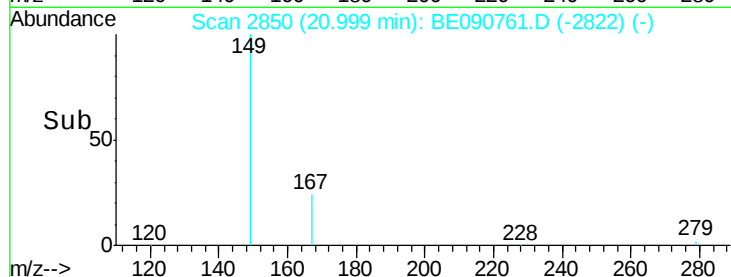
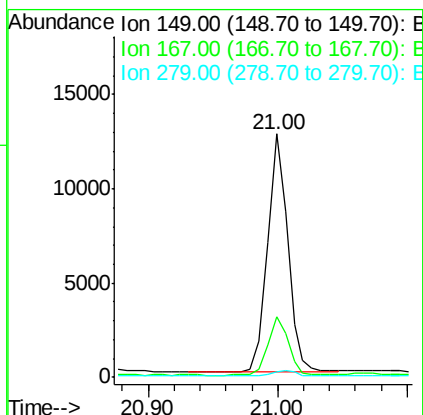
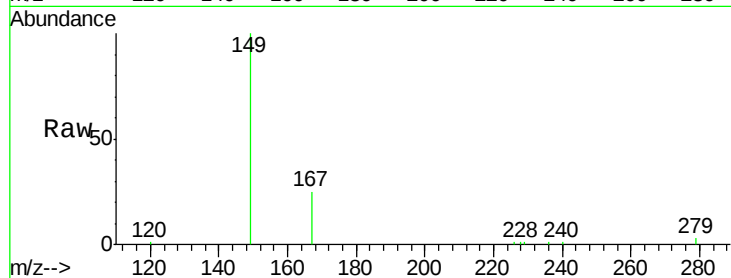




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.91 ng
 RT: 21.00 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BE090761.D
 Acq: 10 Sep 2015 15:05

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-U-B

Tgt Ion:149 Resp: 13609
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.1 30.1
 279 3.0 2.3 3.5



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090761.D
 Acq: 10 Sep 2015 15:05

Tgt Ion:264 Resp: 237471
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.9 17.5 26.3

