

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090466.D
 Acq On : 12 Aug 2015 14:18
 Operator : UM/IZ
 Sample : G3236-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081015-D534-F-D-B

Quant Time: Aug 13 13:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

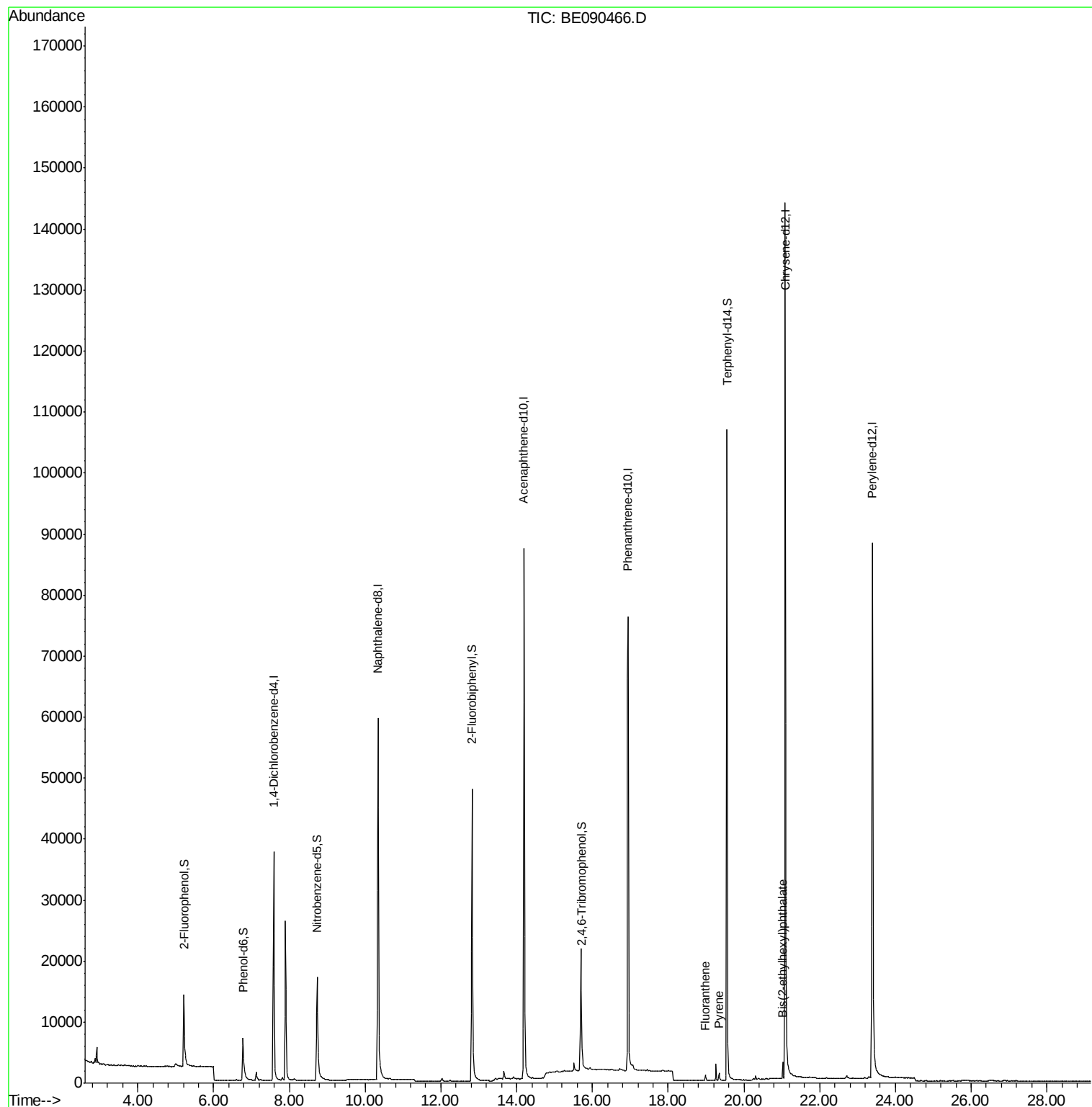
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20537	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	94653	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	54285	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	129088	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147807	5.00	ng	0.00
32) Perylene-d12	23.39	264	132746	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11979	3.89	ng	0.00
5) Phenol-d6	6.77	99	13130	2.15	ng	0.00
7) Nitrobenzene-d5	8.73	82	24847	3.30	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	11163	7.10	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	58736	3.93	ng	0.00
27) Terphenyl-d14	19.56	244	112221	5.15	ng	0.00
Target Compounds						
24) Fluoranthene	18.98	202	1085	0.03	ng	# 95
26) Pyrene	19.34	202	1265	0.04	ng	# 94
30) Bis(2-ethylhexyl)phthalate	21.03	149	2371	0.41	ng	99

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

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Quant Time: Aug 13 13:19:36 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Instrument :

BNA_E

ClientSampleId :

081015-D534-F-D-B

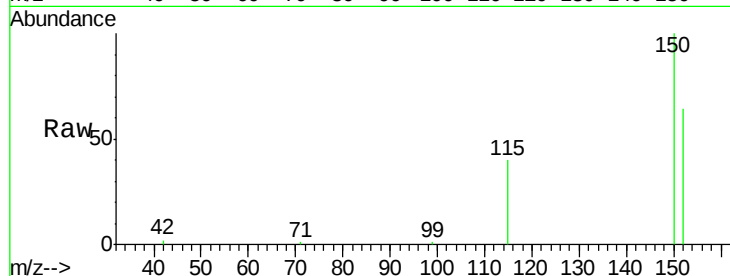
Tgt Ion:152 Resp: 20537

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

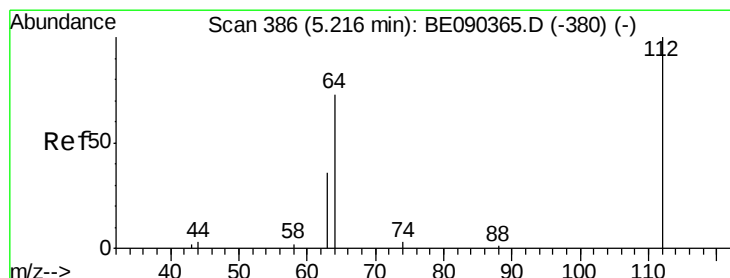
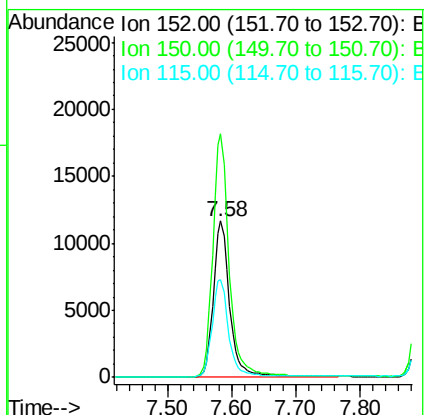
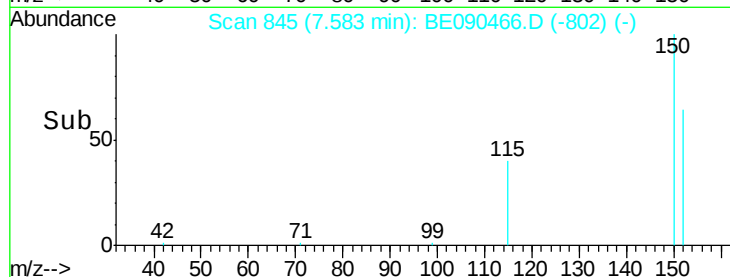
115 62.9 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 3.89 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

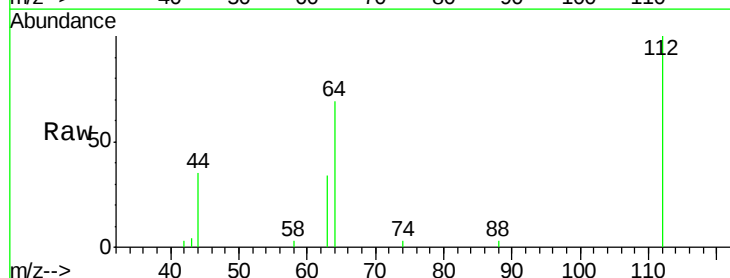
Tgt Ion:112 Resp: 11979

Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

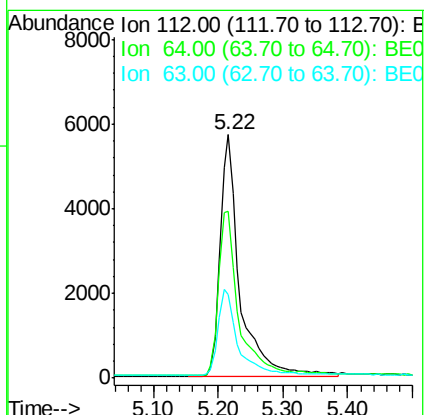
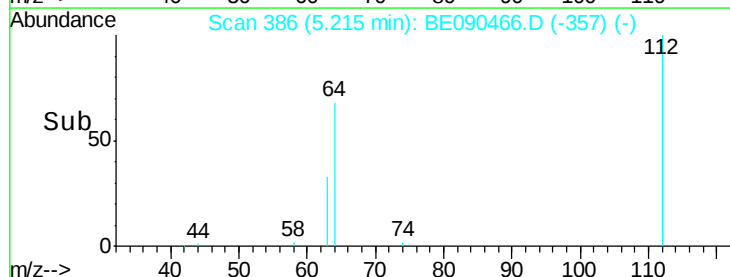
63 36.9 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.15 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Instrument :

BNA_E

ClientSampleId :

081015-D534-F-D-B

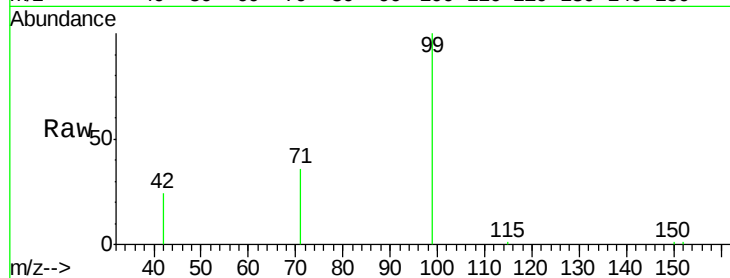
Tgt Ion: 99 Resp: 13130

Ion Ratio Lower Upper

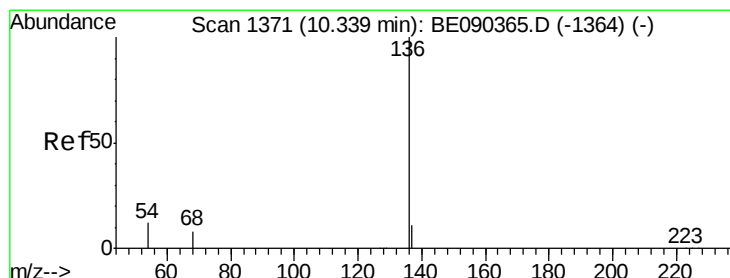
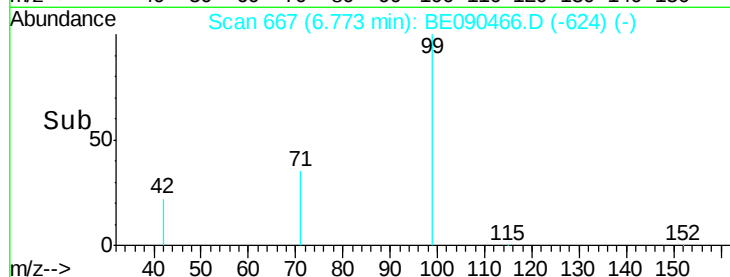
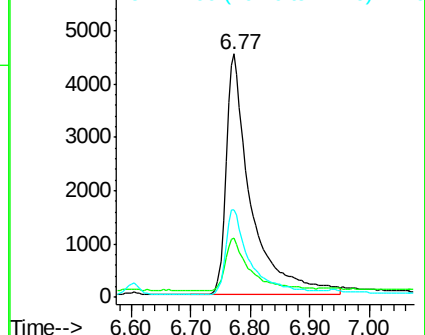
99 100

42 21.8 18.2 27.4

71 35.6 27.4 41.0



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Tgt Ion: 136 Resp: 94653

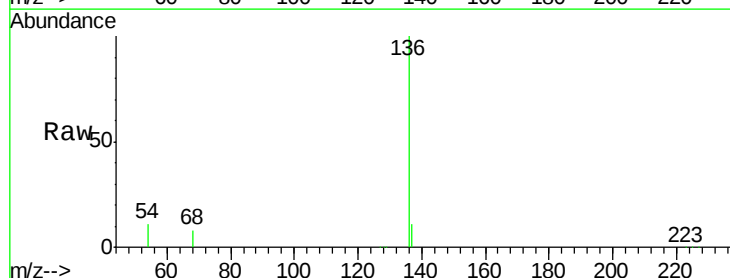
Ion Ratio Lower Upper

136 100

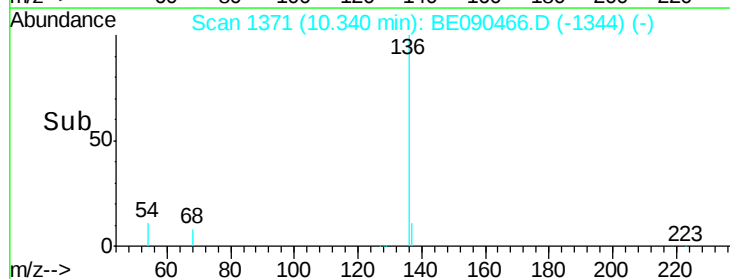
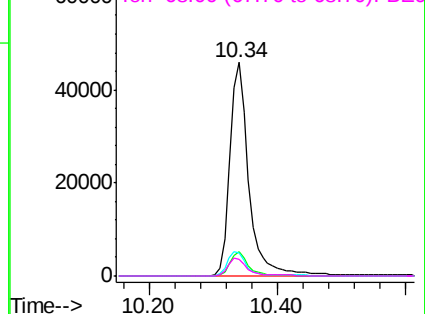
137 11.1 8.7 13.1

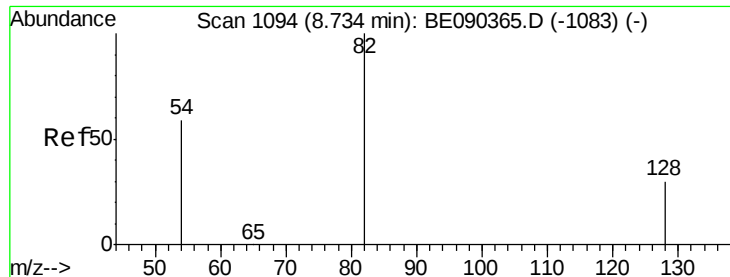
54 10.9 9.4 14.0

68 7.7 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 3.30 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Instrument :

BNA_E

ClientSampleId :

081015-D534-F-D-B

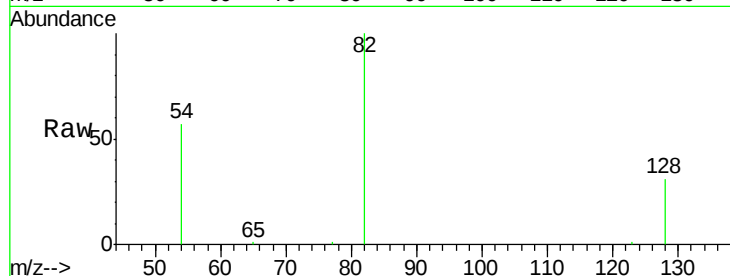
Tgt Ion: 82 Resp: 24847

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.6

54 57.5 48.8 73.2

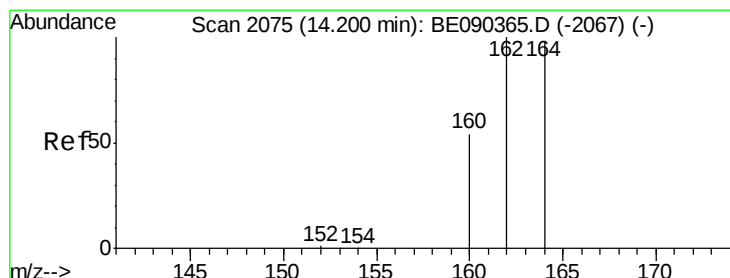
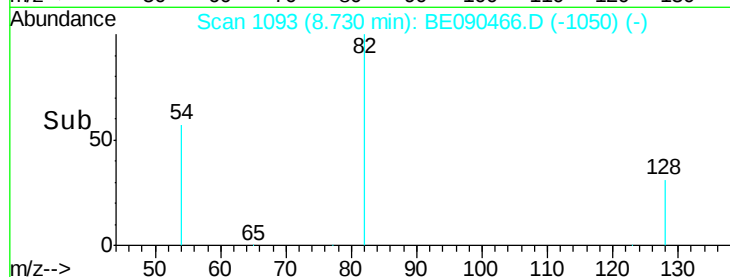


Abundance Ion 82.00 (81.70 to 82.70): BE090466.D (-1050) (-)

Ion 128.00 (127.70 to 128.70): BE090466.D (-1050) (-)

Ion 54.00 (53.70 to 54.70): BE090466.D (-1050) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

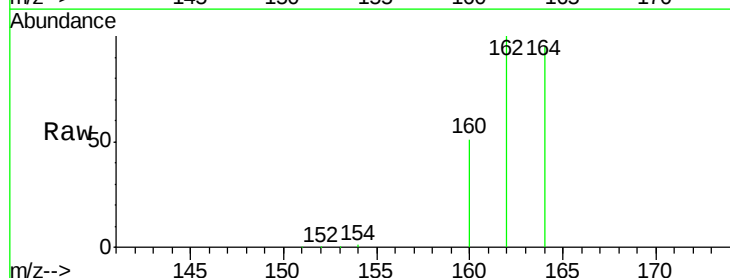
Tgt Ion: 164 Resp: 54285

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.8

160 53.5 44.2 66.4

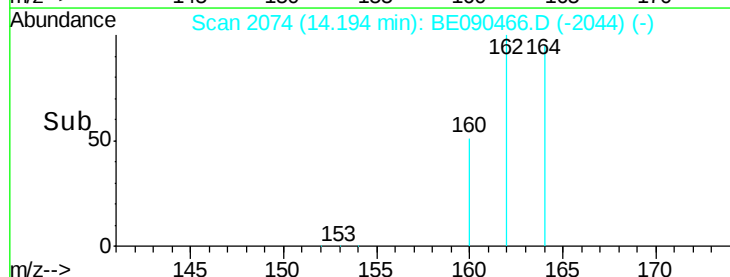


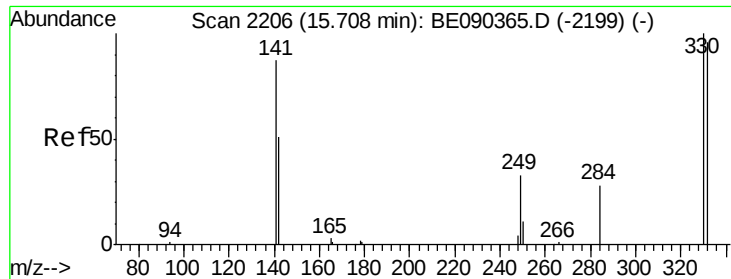
Abundance Ion 164.00 (163.70 to 164.70): BE090466.D (-2044) (-)

Ion 162.00 (161.70 to 162.70): BE090466.D (-2044) (-)

Ion 160.00 (159.70 to 160.70): BE090466.D (-2044) (-)

Time-->

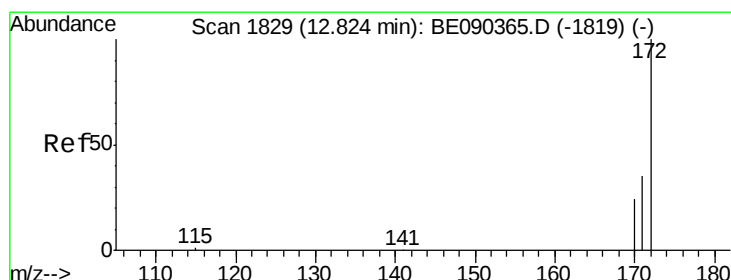
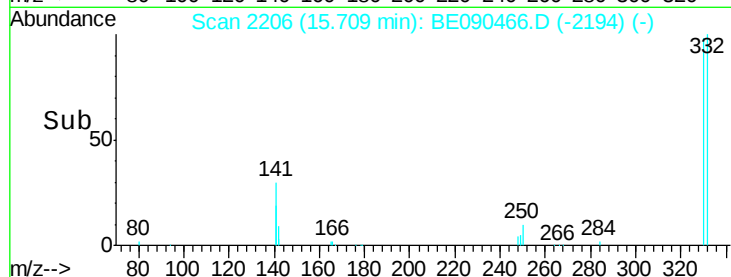
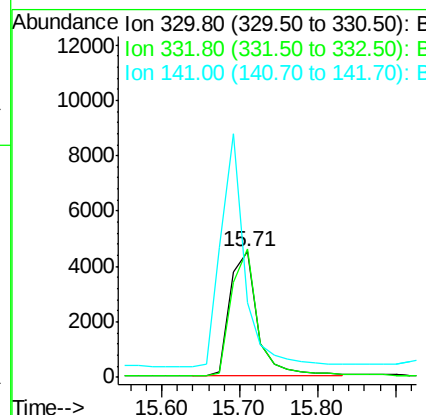
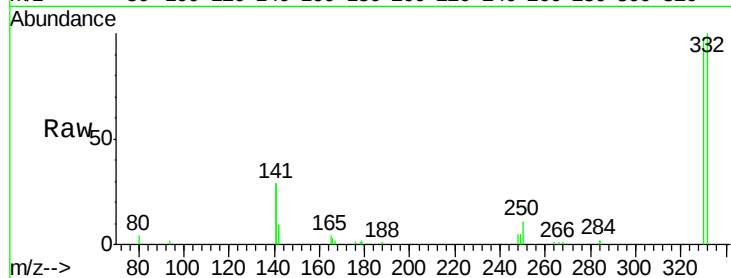




#13
 2,4,6-Tribromophenol
 Concen: 7.10 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090466.D
 Acq: 12 Aug 2015 14:18

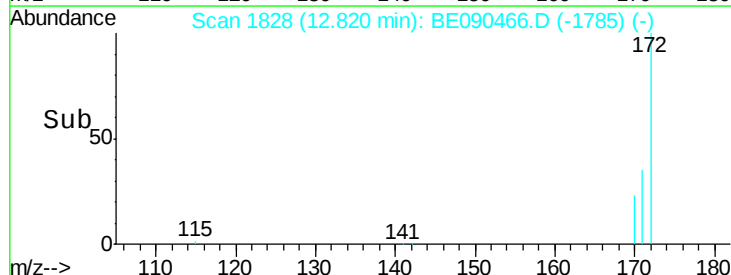
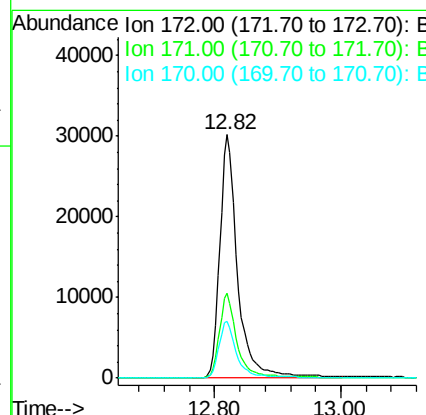
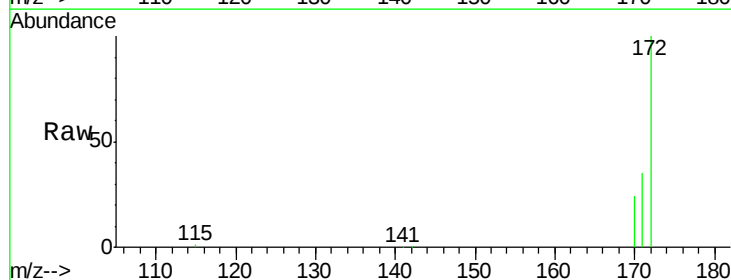
Instrument :
 BNA_E
 ClientSampleId :
 081015-D534-F-D-B

Tgt Ion: 330 Resp: 11163
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.8 113.6
 141 161.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.93 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090466.D
 Acq: 12 Aug 2015 14:18

Tgt Ion: 172 Resp: 58736
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.5 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Instrument :

BNA_E

ClientSampleId :

081015-D534-F-D-B

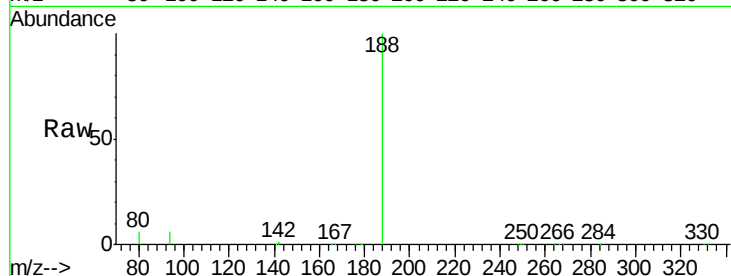
Tgt Ion:188 Resp: 129088

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

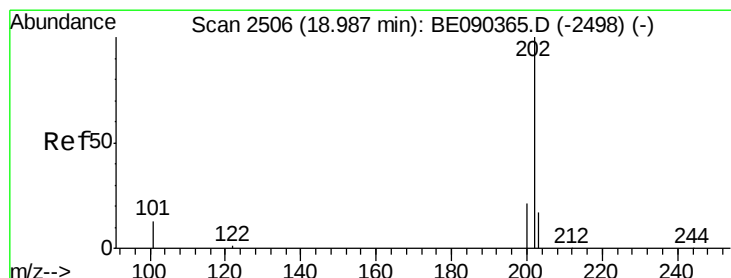
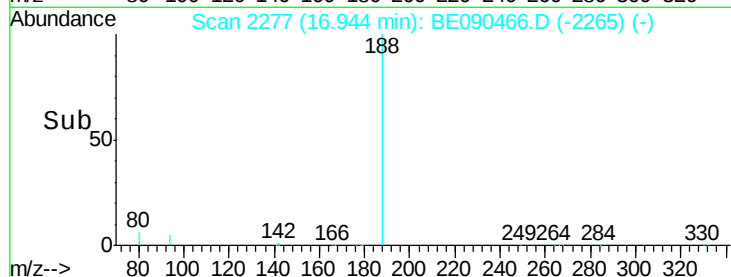
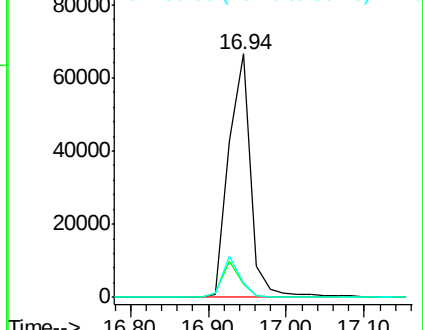
80 5.8 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#24

Fluoranthene

Concen: 0.03 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

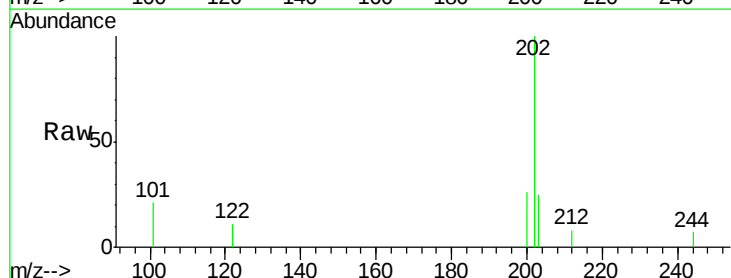
Tgt Ion:202 Resp: 1085

Ion Ratio Lower Upper

202 100

101 16.2 10.3 15.5#

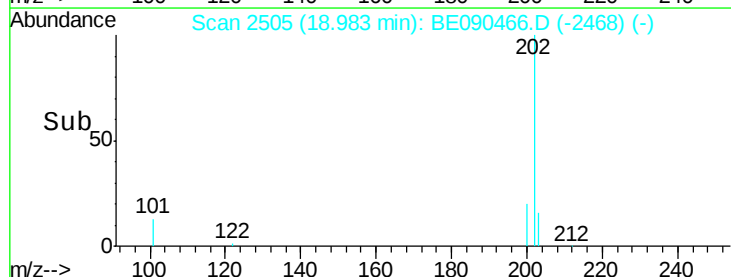
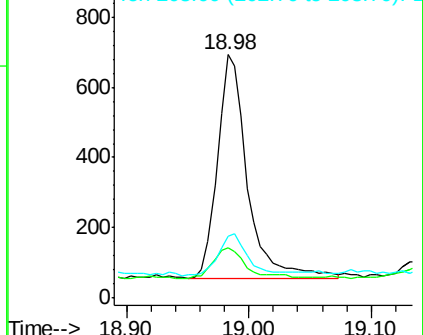
203 17.8 13.7 20.5

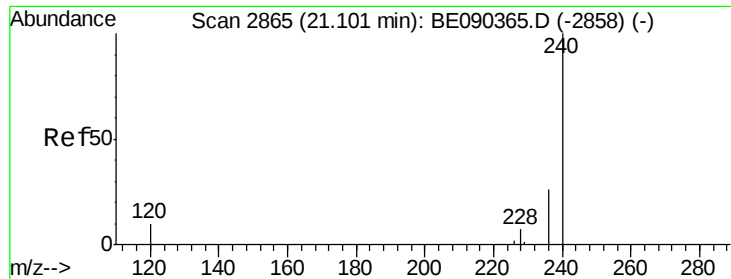


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Instrument :

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ClientSampleId :

081015-D534-F-D-B

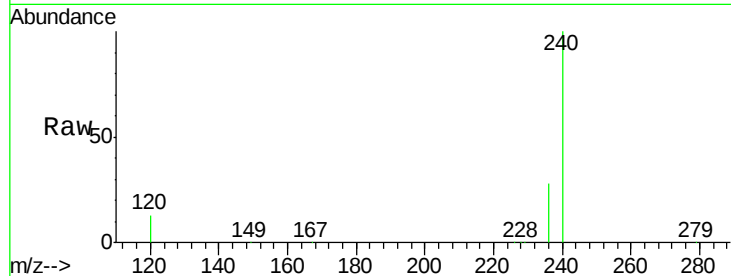
Tgt Ion:240 Resp: 147807

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

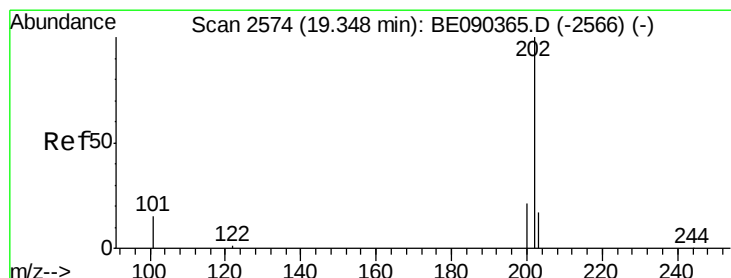
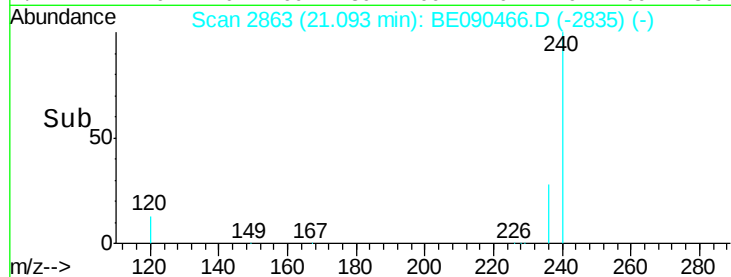
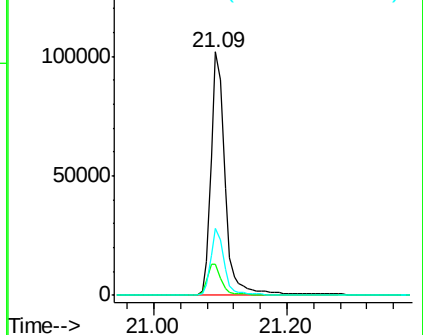
236 27.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.04 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

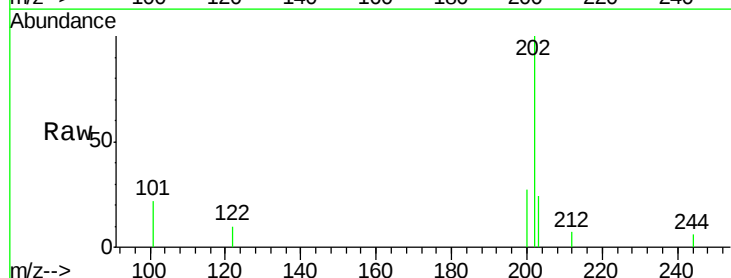
Tgt Ion:202 Resp: 1265

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

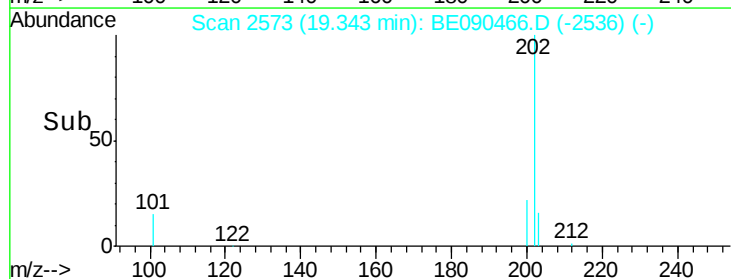
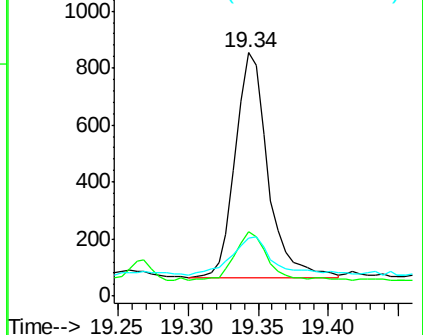
203 22.8 13.8 20.8#

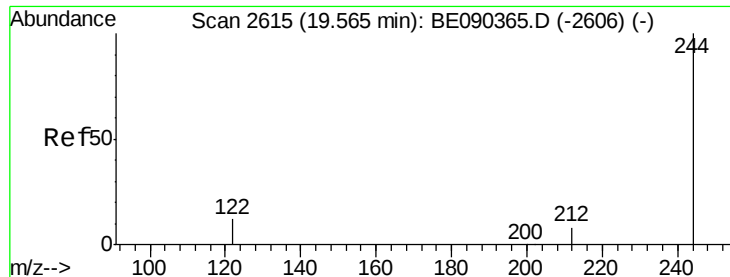


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 5.15 ng

RT: 19.56 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

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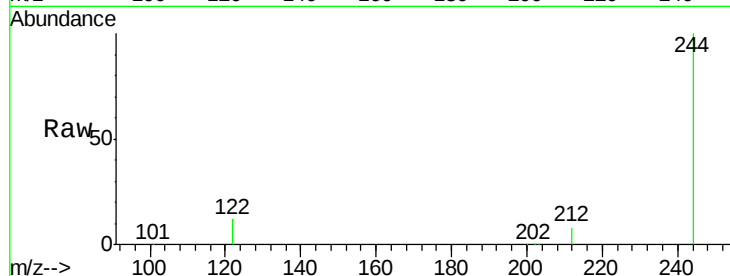
Tgt Ion:244 Resp: 112221

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

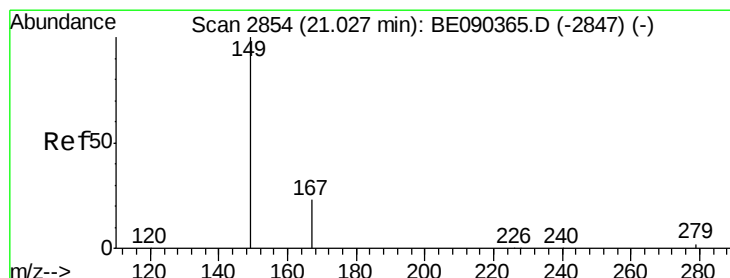
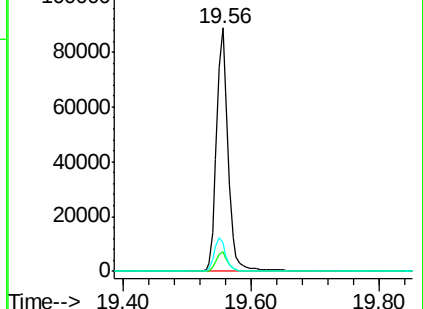
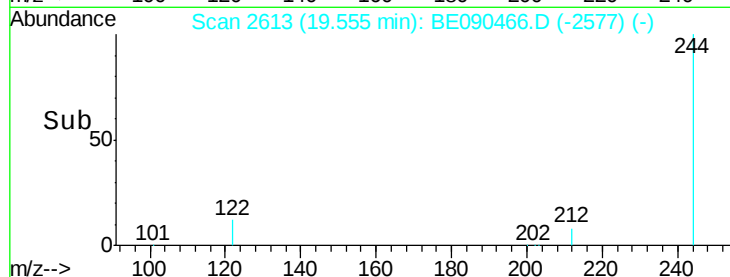
122 11.8 10.2 15.4



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: 0.41 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

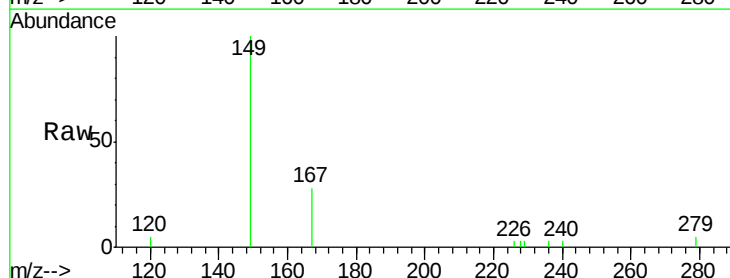
Tgt Ion:149 Resp: 2371

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

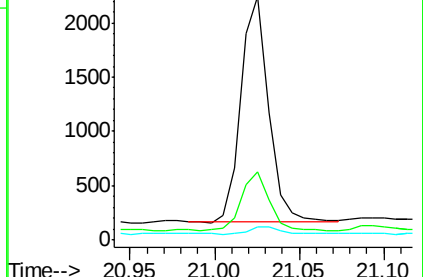
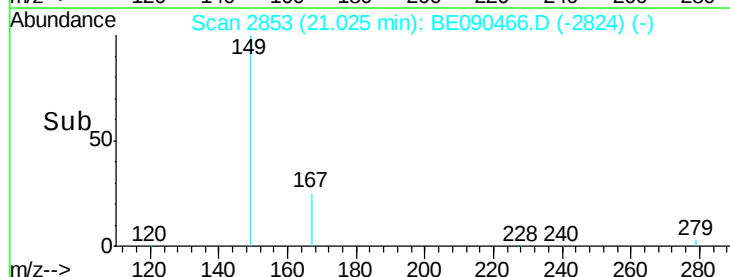
279 3.3 2.4 3.6

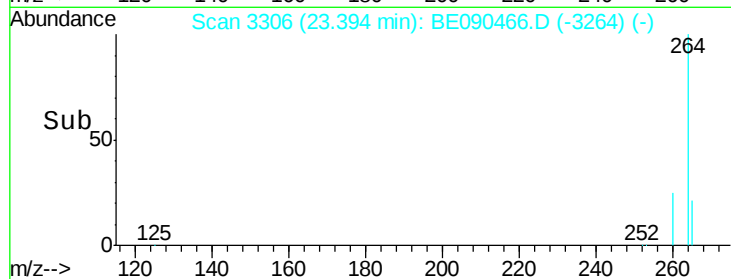
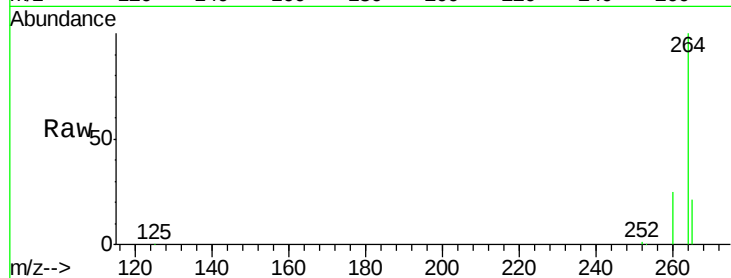
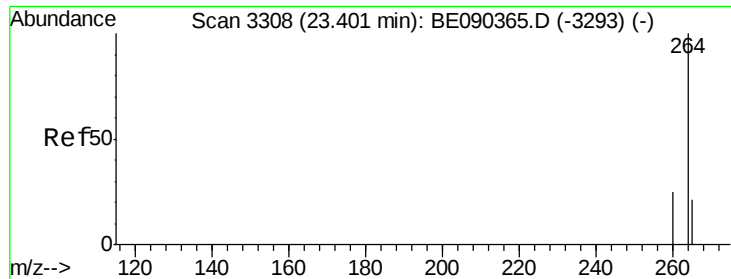


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3306

Delta R.T. -0.01 min

Lab File: BE090466.D

Acq: 12 Aug 2015 14:18

Instrument :

BNA_E

ClientSampleId :

081015-D534-F-D-B

Tgt Ion: 264 Resp: 132746

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 21.4 17.2 25.8

