

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090566.D
 Acq On : 18 Aug 2015 22:32
 Operator : UM/IZ
 Sample : G3329-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-S

Quant Time: Aug 19 03:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 02:30:21 2015
 Response via : Initial Calibration

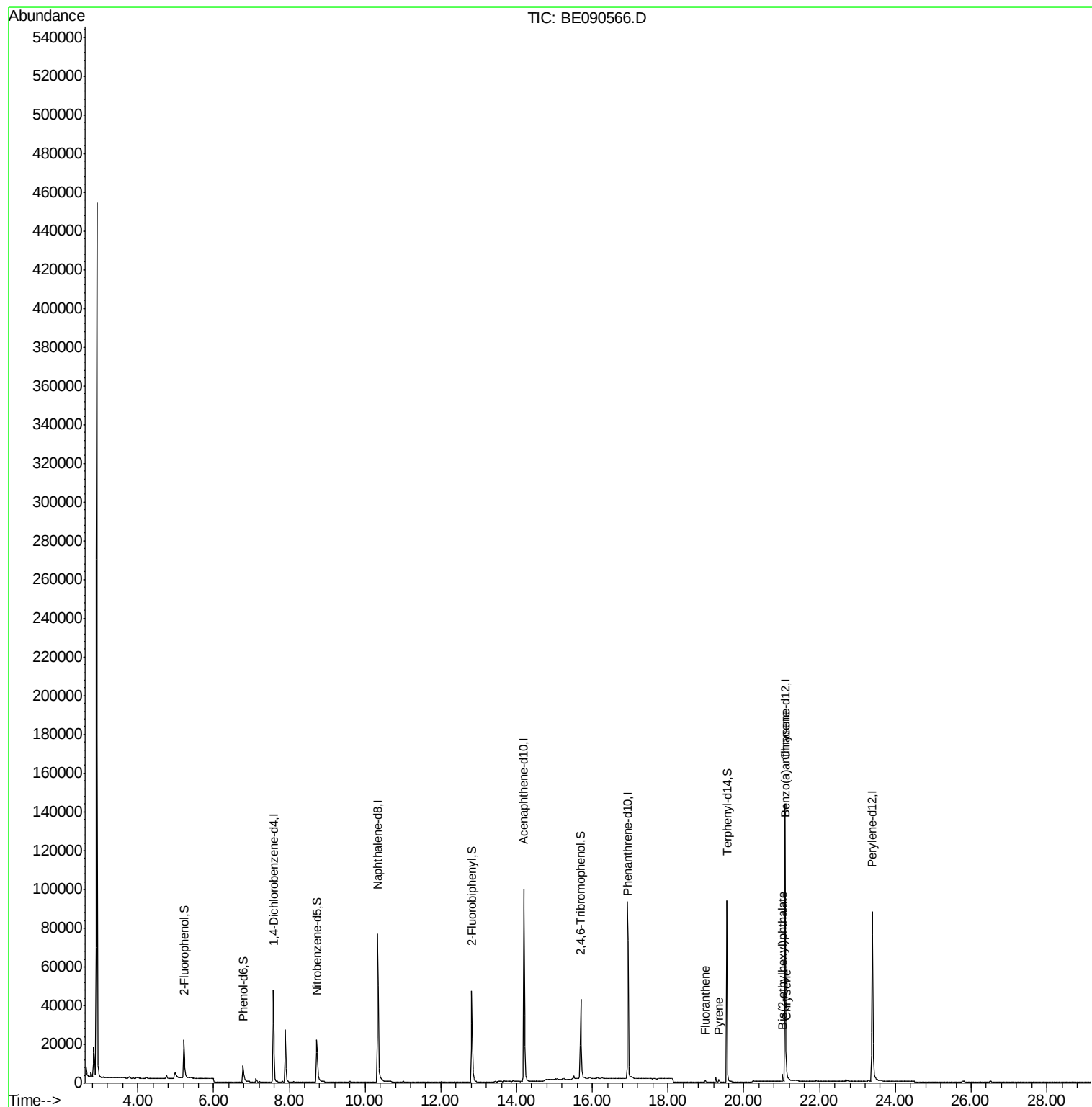
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24647	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	125070	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	67653	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	145881	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145646	5.00	ng	0.00
32) Perylene-d12	23.40	264	131746	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17814	2.50	ng	0.00
5) Phenol-d6	6.78	99	15409	1.47	ng	0.00
7) Nitrobenzene-d5	8.72	82	29106	2.92	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20079	7.71	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	63260	3.13	ng	0.00
27) Terphenyl-d14	19.55	244	96566	3.63	ng	0.00
Target Compounds						
24) Fluoranthene	18.98	202	1142	0.03	ng	Qvalue 97
26) Pyrene	19.34	202	1225	0.03	ng	# 94
28) Benzo(a)anthracene	21.08	228	1769	0.05	ng	# 93
29) Chrysene	21.13	228	1496	0.04	ng	# 88
30) Bis(2-ethylhexyl)phthalate	21.02	149	3479	0.29	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

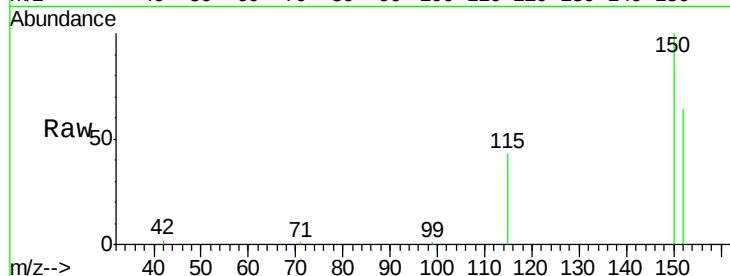
Tgt Ion:152 Resp: 24647

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

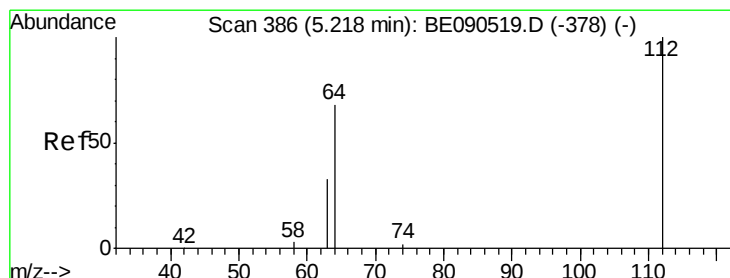
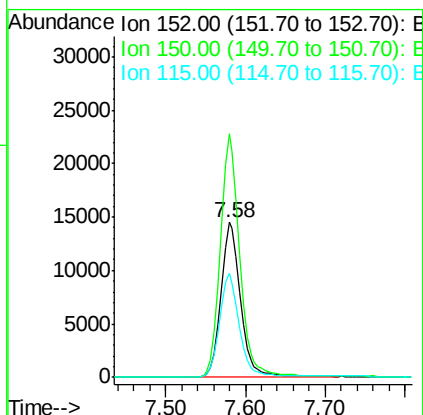
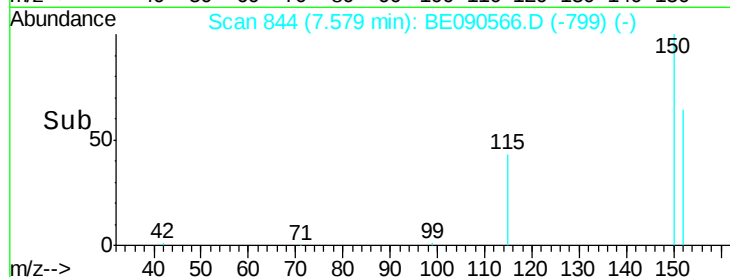
115 67.5 48.9 73.3



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: 2.50 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

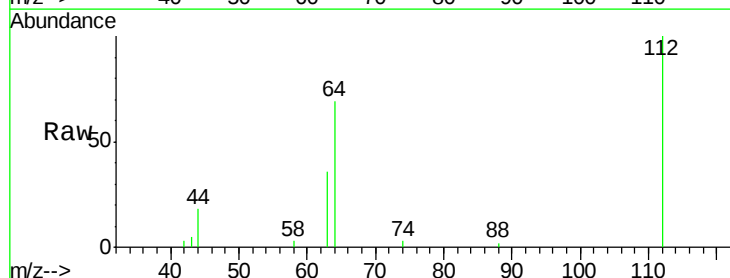
Tgt Ion:112 Resp: 17814

Ion Ratio Lower Upper

112 100

64 69.0 37.1 55.7#

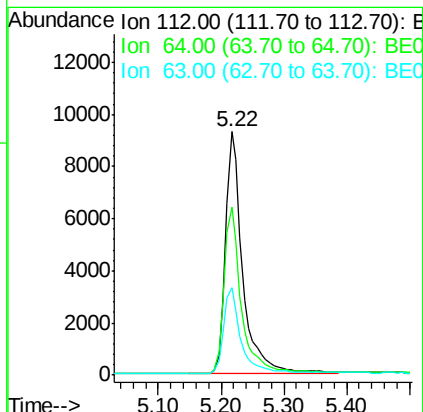
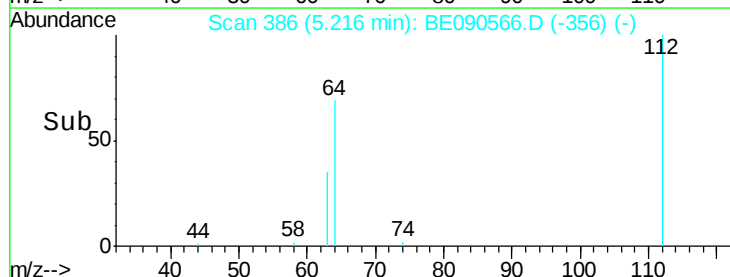
63 35.9 19.5 29.3#

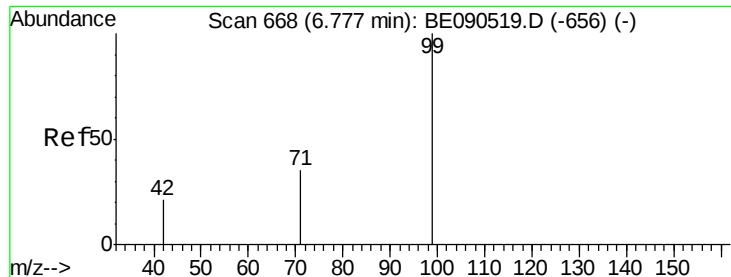


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.47 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

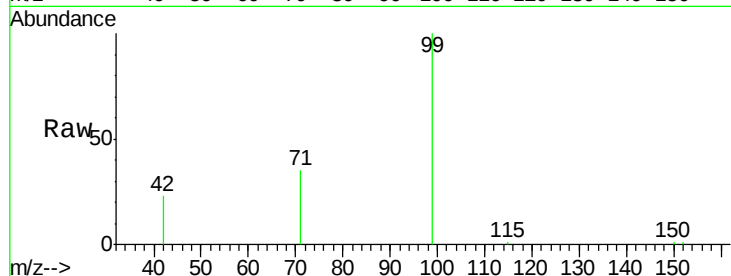
Tgt Ion: 99 Resp: 15409

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.4

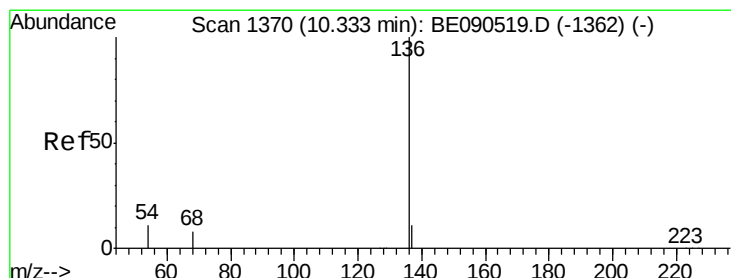
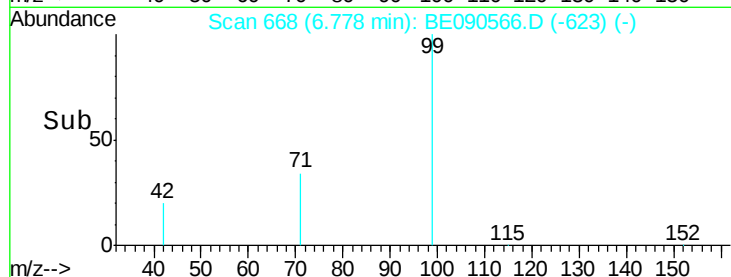
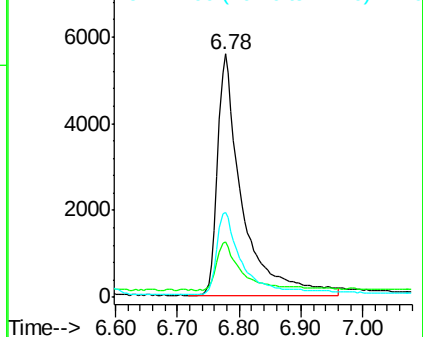
71 34.7 27.4 41.0



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. 0.01 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Tgt Ion: 136 Resp: 125070

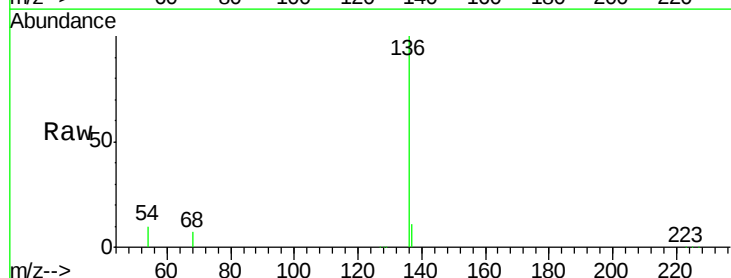
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.5 9.4 14.0

68 7.3 6.5 9.7

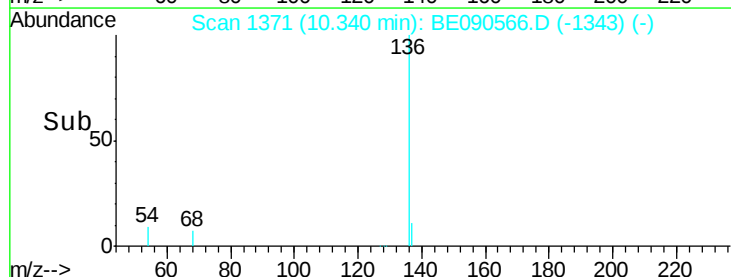
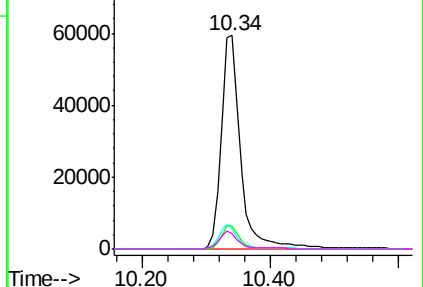


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.92 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

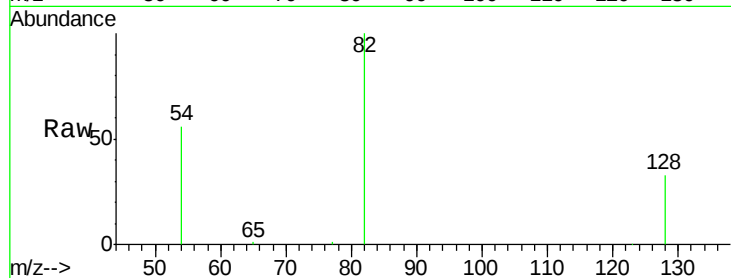
Tgt Ion: 82 Resp: 29106

Ion Ratio Lower Upper

82 100

128 32.8 25.0 37.6

54 56.0 48.8 73.2

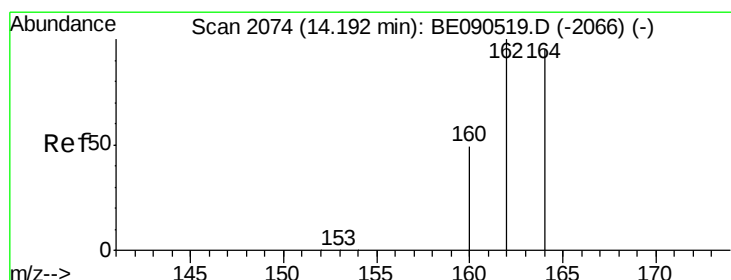
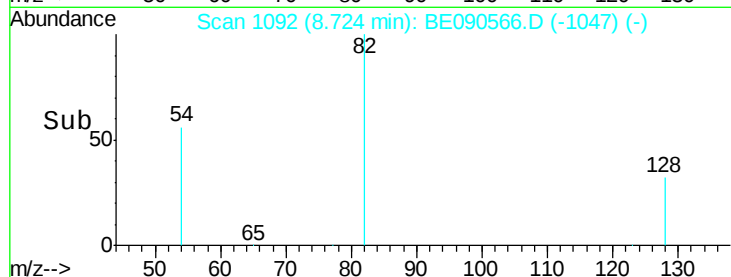


Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)

Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

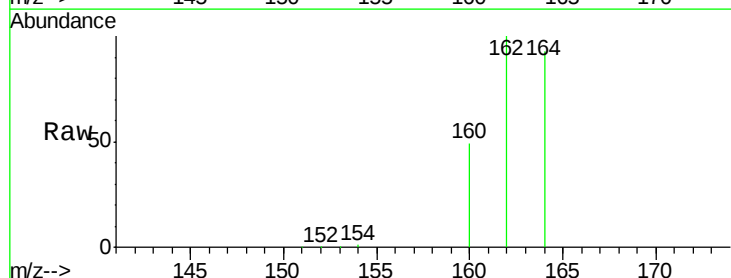
Tgt Ion: 164 Resp: 67653

Ion Ratio Lower Upper

164 100

162 107.1 81.8 122.8

160 52.9 44.2 66.4

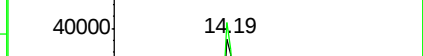
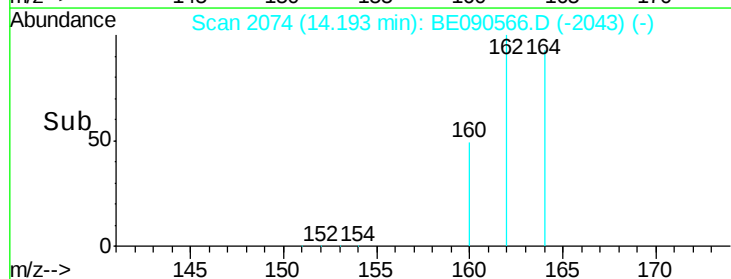


Abundance Ion 164.00 (163.70 to 164.70): BE090519.D (-2066) (-)

Ion 162.00 (161.70 to 162.70): BE090519.D (-2066) (-)

Ion 160.00 (159.70 to 160.70): BE090519.D (-2066) (-)

Time-->

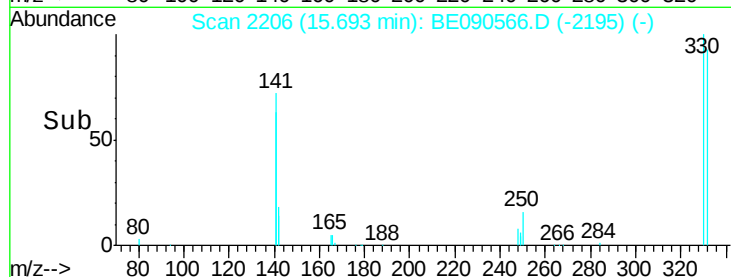
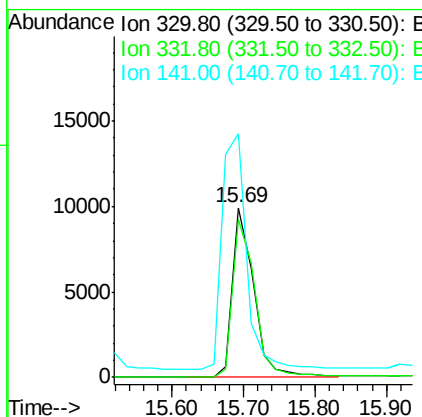
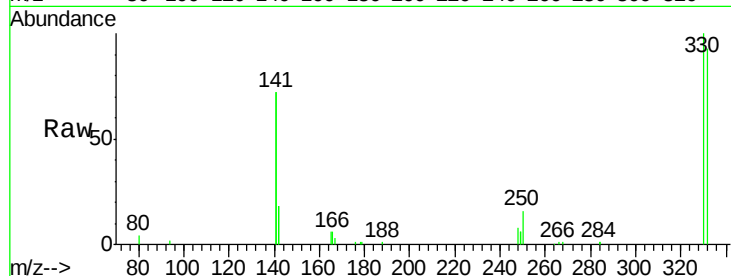




#13
 2,4,6-Tribromophenol
 Concen: 7.71 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

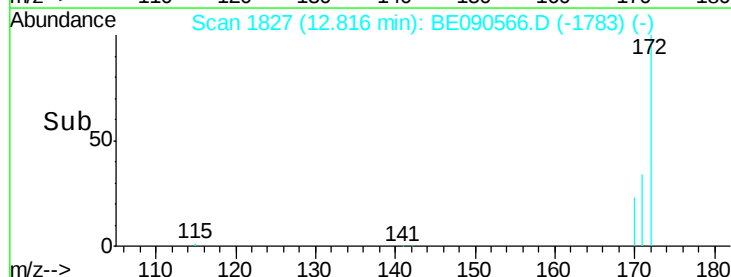
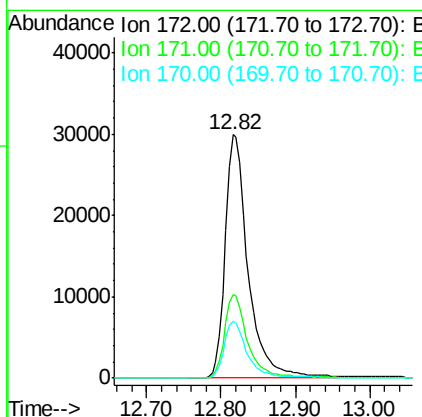
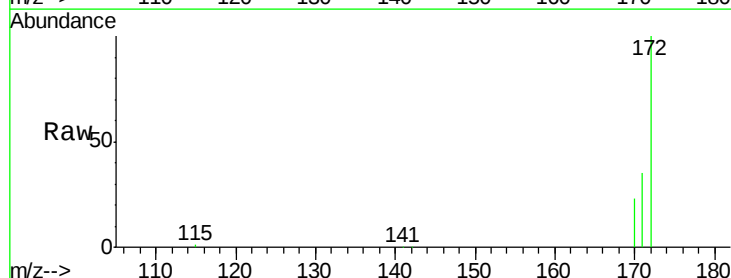
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-S

Tgt Ion:330 Resp: 20079
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 164.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.13 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

Tgt Ion:172 Resp: 63260
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.5 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

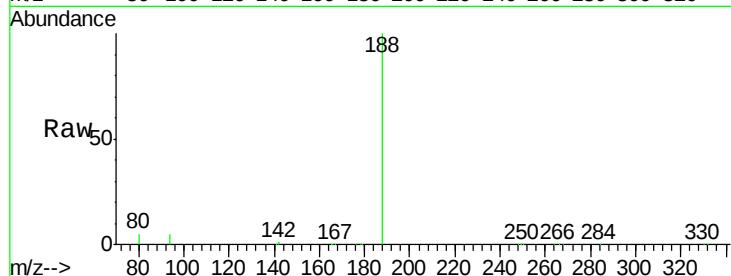
Tgt Ion:188 Resp: 145881

Ion Ratio Lower Upper

188 100

94 5.0 5.7 8.5#

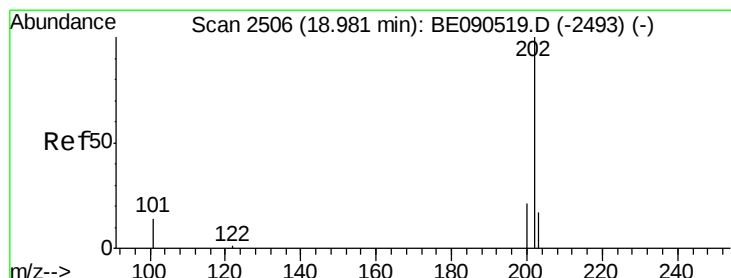
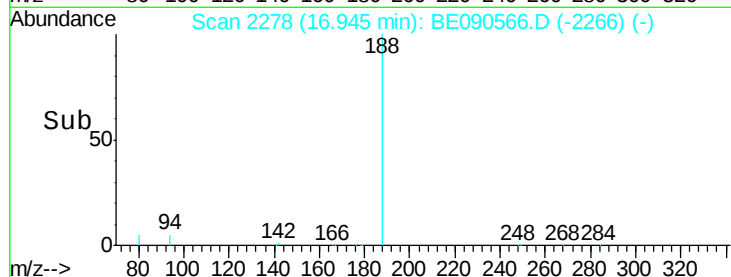
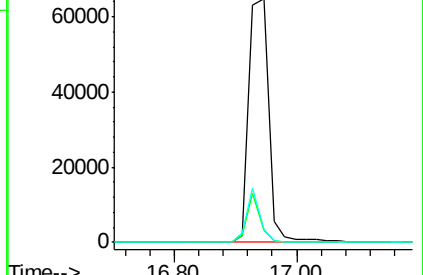
80 5.2 5.8 8.8#



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# 2506

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

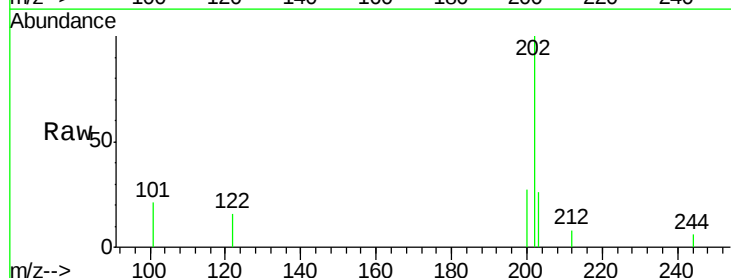
Tgt Ion:202 Resp: 1142

Ion Ratio Lower Upper

202 100

101 15.4 10.3 15.5

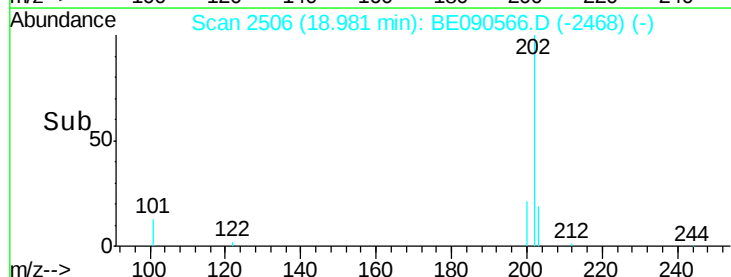
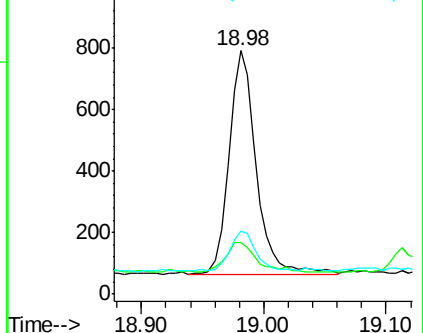
203 17.2 13.7 20.5

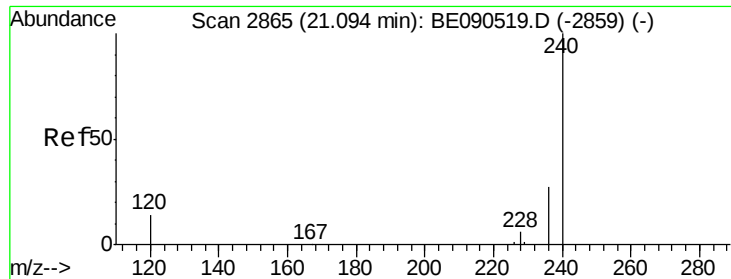


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2865

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

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081615-D534-F-D-S

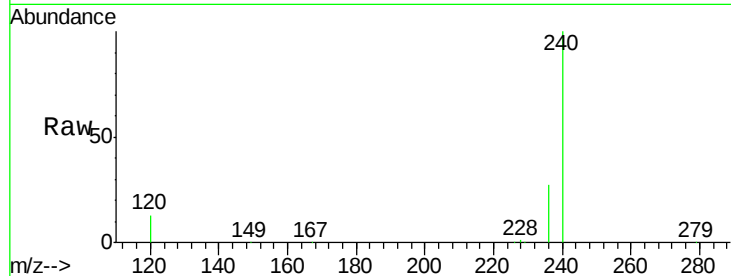
Tgt Ion:240 Resp: 145646

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

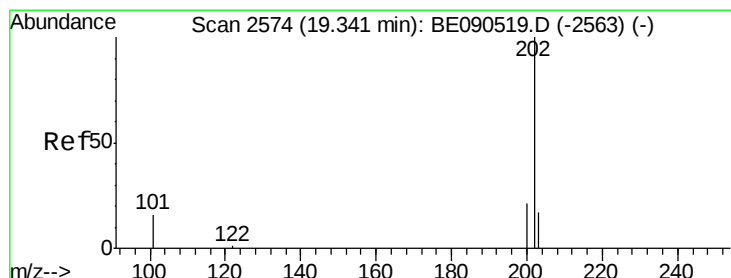
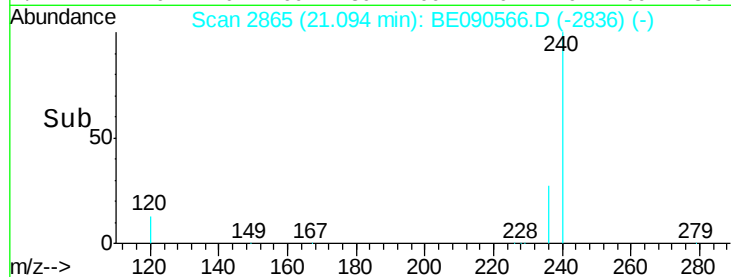
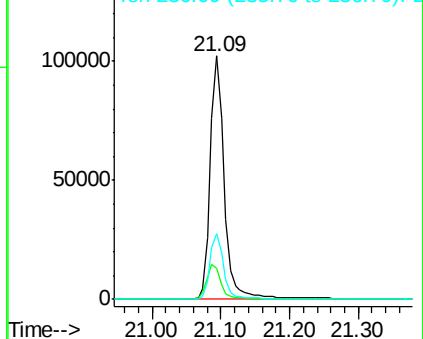
236 26.9 21.0 31.4



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: 0.03 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

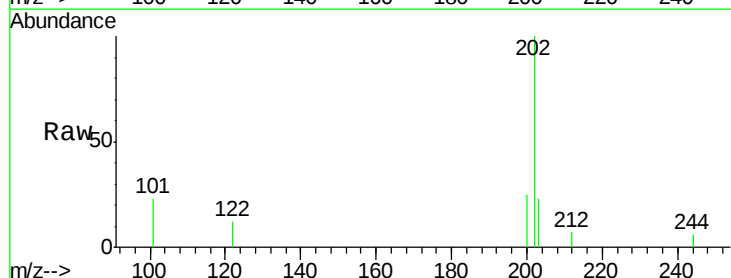
Tgt Ion:202 Resp: 1225

Ion Ratio Lower Upper

202 100

200 22.5 16.7 25.1

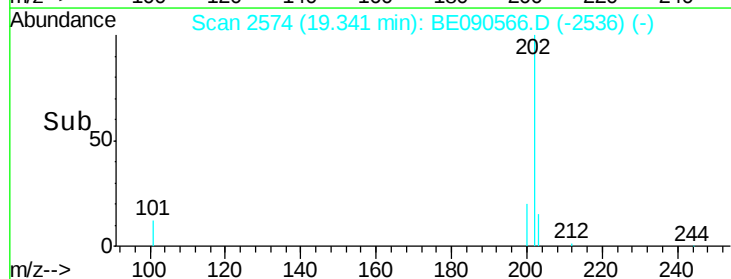
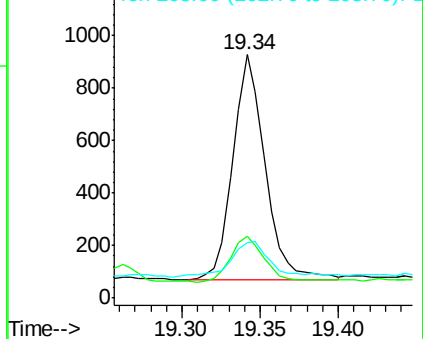
203 20.9 13.8 20.8#

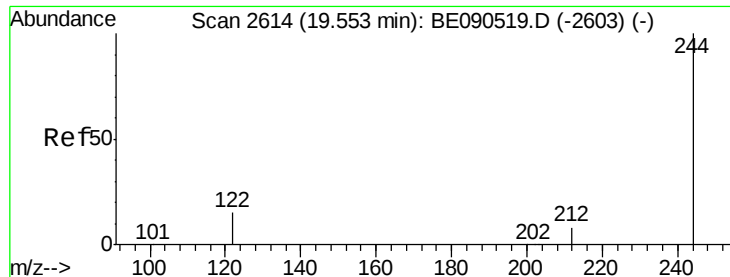


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

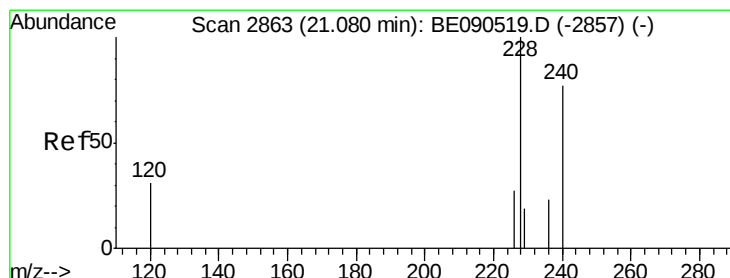
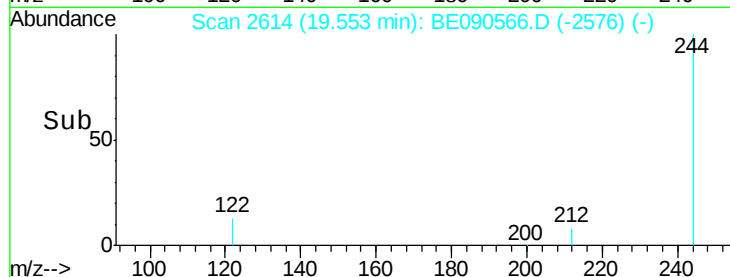
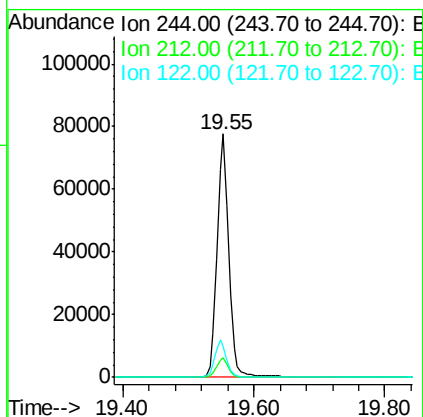
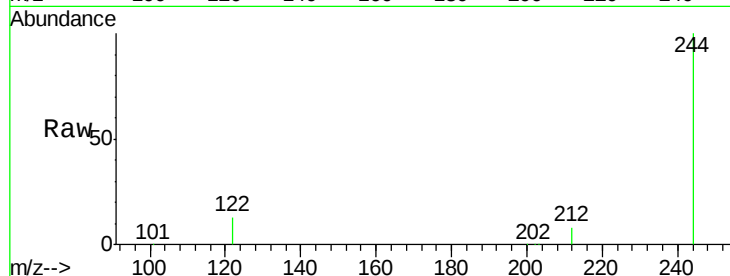




#27
 Terphenyl-d14
 Concen: 3.63 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

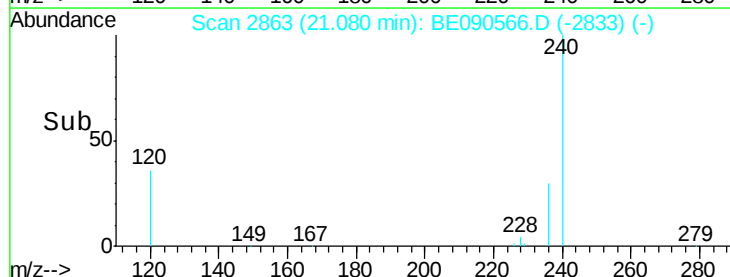
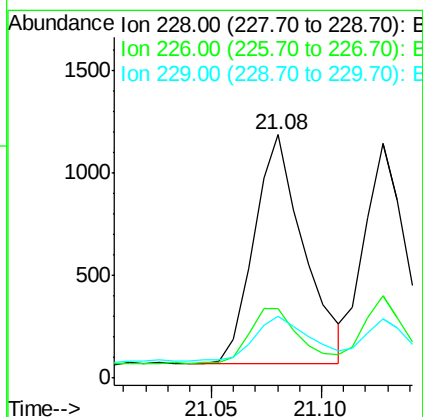
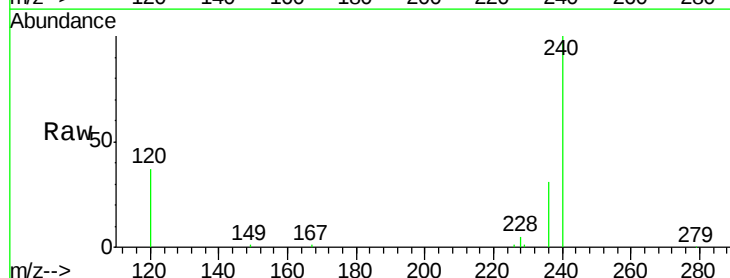
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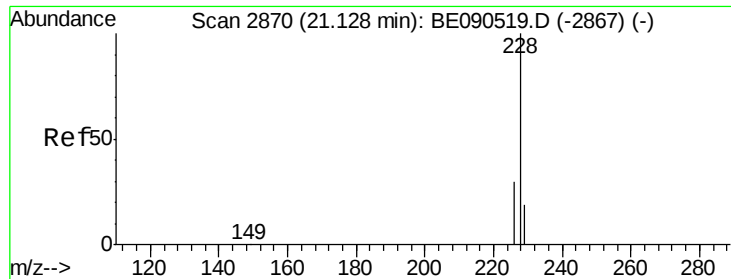
Tgt Ion: 244 Resp: 96566
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.7 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 21.08 min Scan# 2863
 Delta R.T. 0.01 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

Tgt Ion: 228 Resp: 1769
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.9 32.9
 229 25.4 15.4 23.0#





#29

Chrysene

Concen: 0.04 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

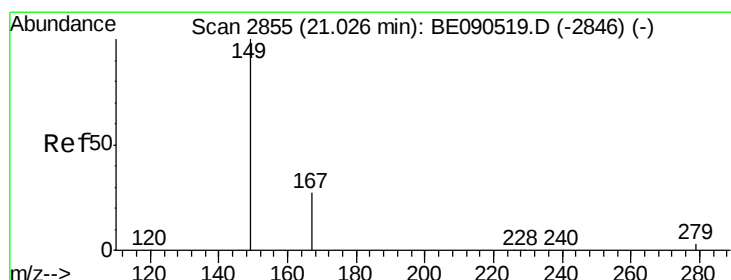
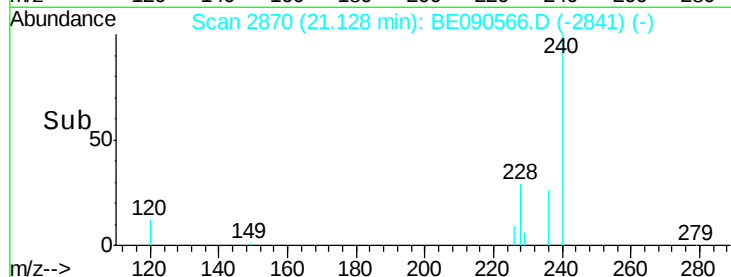
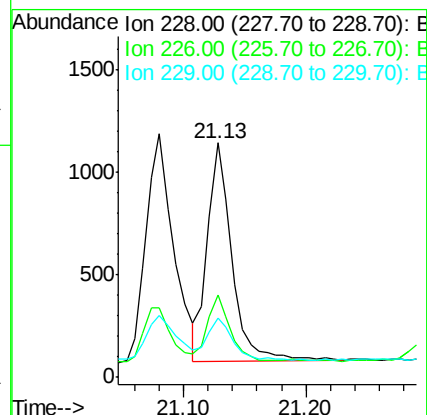
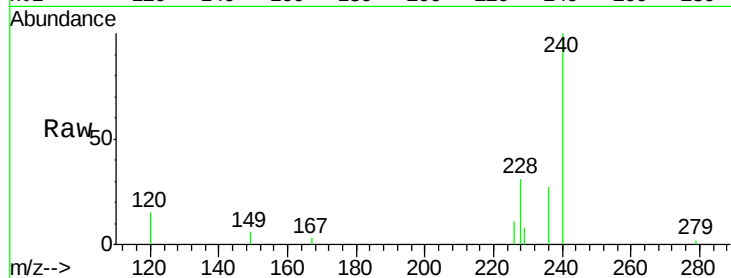
Tgt Ion:228 Resp: 1496

Ion Ratio Lower Upper

228 100

226 35.1 23.1 34.7#

229 25.1 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.29 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

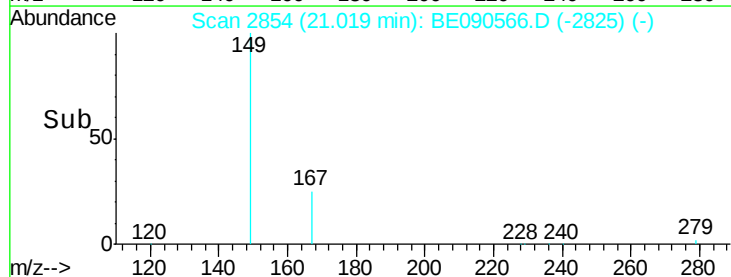
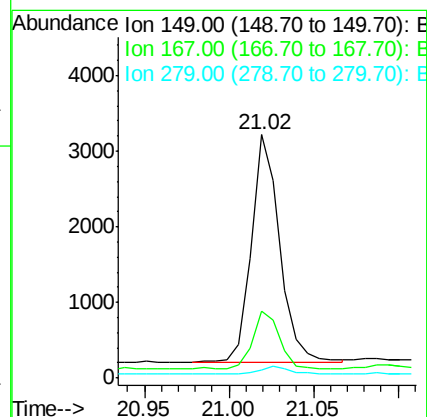
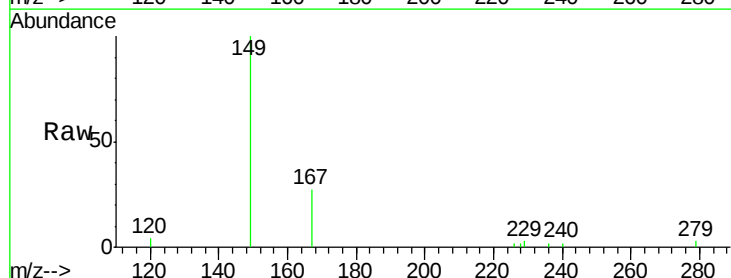
Tgt Ion:149 Resp: 3479

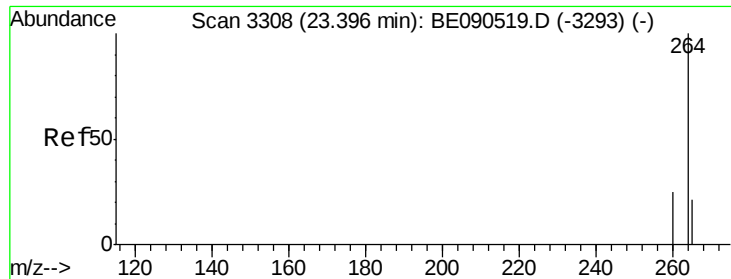
Ion Ratio Lower Upper

149 100

167 25.1 19.8 29.8

279 3.1 2.4 3.6

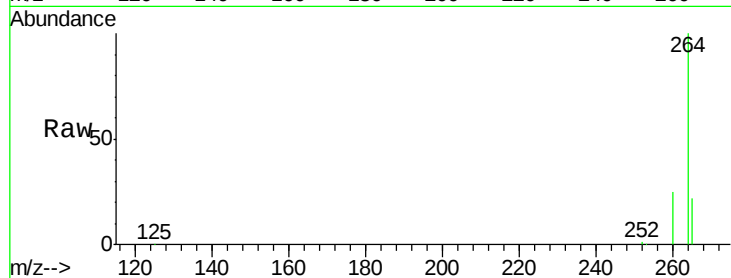




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-S

Tgt Ion: 264 Resp: 131746
Ion Ratio Lower Upper
264 100
260 25.0 20.1 30.1
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

