

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090565.D
 Acq On : 18 Aug 2015 21:53
 Operator : UM/IZ
 Sample : G3329-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 19 03:43:49 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

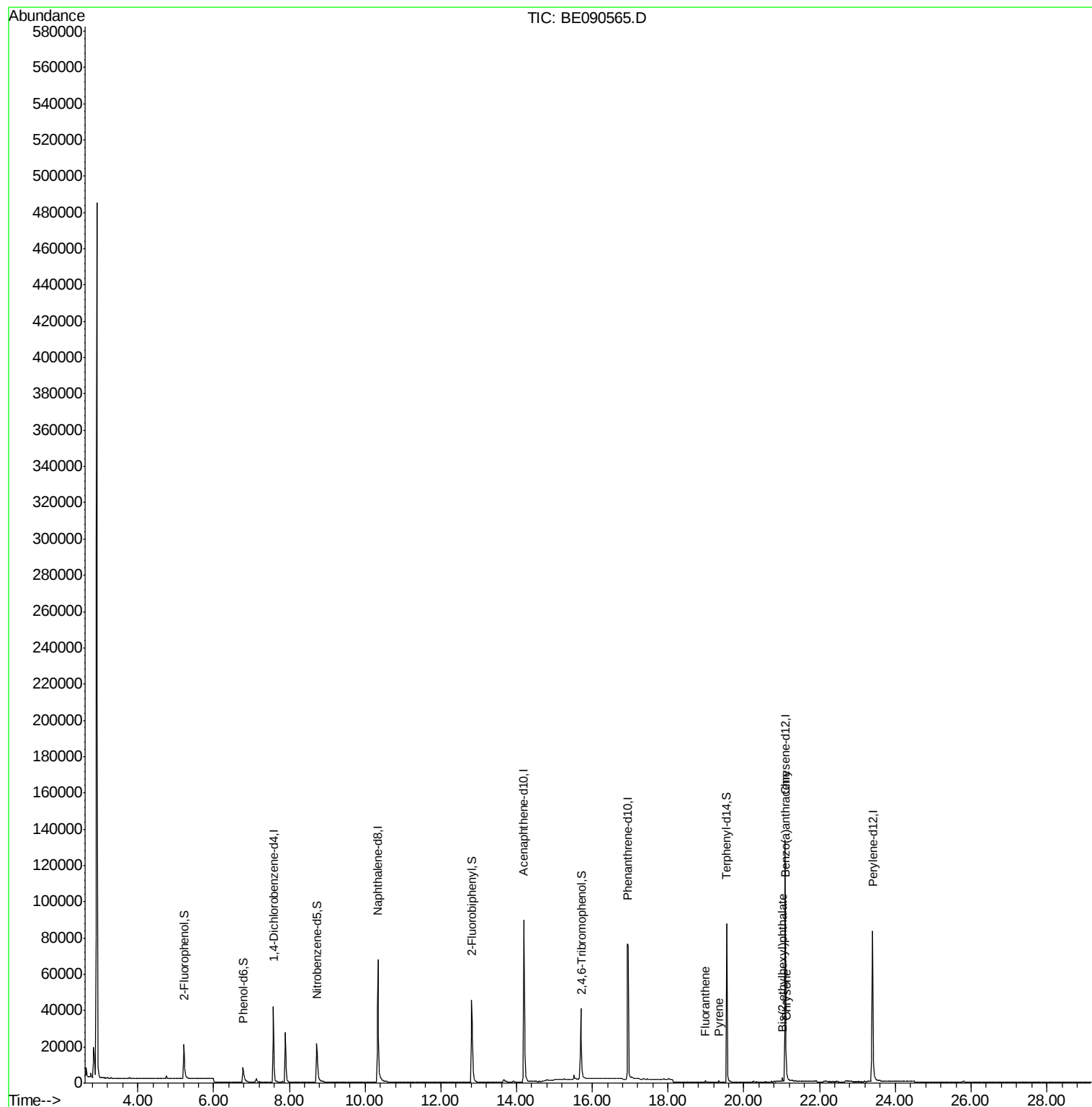
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22447	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	112109	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61298	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	134833	5.00	ng	0.00
25) Chrysene-d12	21.09	240	134559	5.00	ng	0.00
32) Perylene-d12	23.40	264	122151	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17823	2.75	ng	0.00
5) Phenol-d6	6.78	99	14998	1.57	ng	0.00
7) Nitrobenzene-d5	8.73	82	29208	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	19714	8.36	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	63502	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	93804	3.81	ng	0.00
Target Compounds						Qvalue
24) Fluoranthene	18.98	202	951	0.03	ng	96
26) Pyrene	19.34	202	961	0.02	ng	98
28) Benzo(a)anthracene	21.08	228	1374	0.04	ng	# 86
29) Chrysene	21.13	228	1162	0.03	ng	# 88
30) Bis(2-ethylhexyl)phthalate	21.02	149	2402	0.25	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: 7.58 min Scan# 845

Delta R.T. 0.01 min

Lab File: BE090565.D

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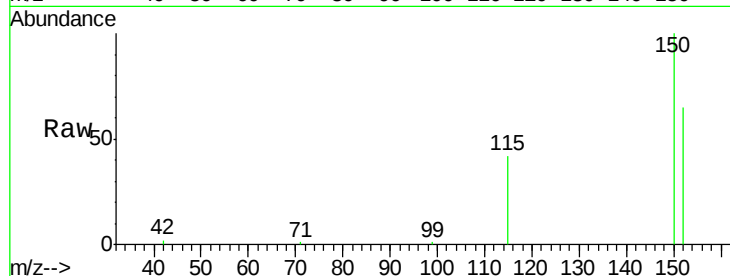
Tgt Ion:152 Resp: 22447

Ion Ratio Lower Upper

152 100

150 153.6 123.0 184.4

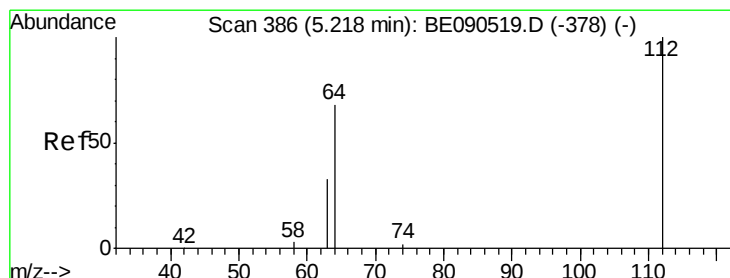
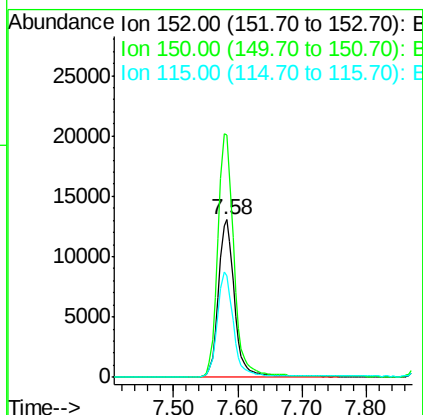
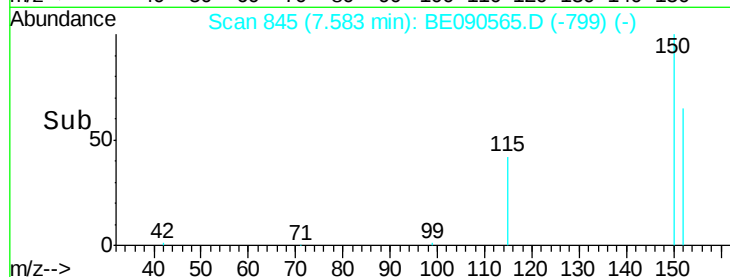
115 64.8 48.9 73.3



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: 2.75 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

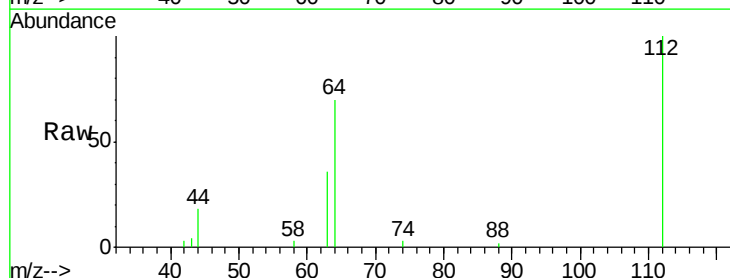
Tgt Ion:112 Resp: 17823

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

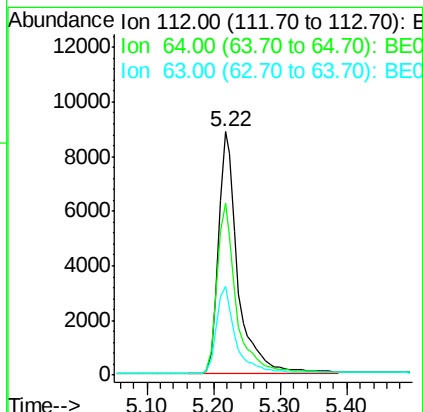
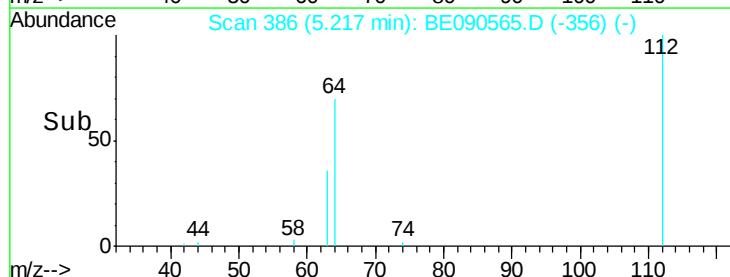
63 35.5 19.5 29.3#



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: 1.57 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

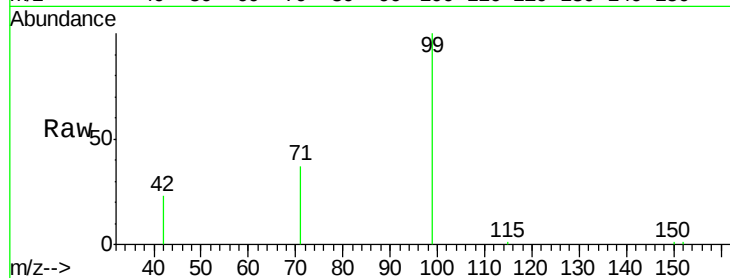
Tgt Ion: 99 Resp: 14998

Ion Ratio Lower Upper

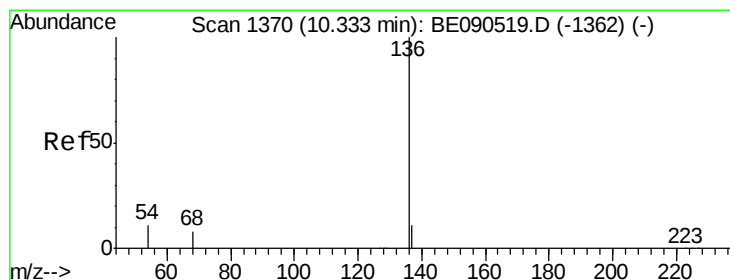
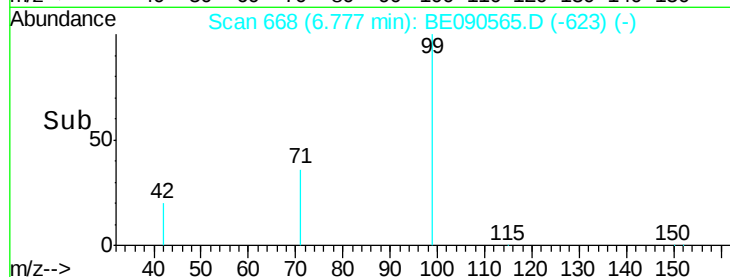
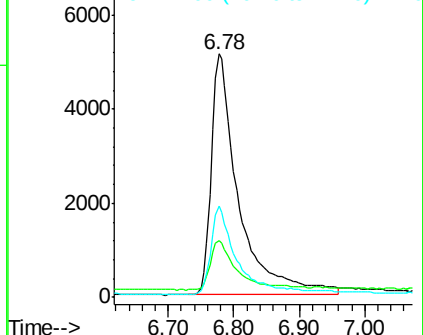
99 100

42 20.6 18.2 27.4

71 34.9 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: BE090565.D

Acq: 18 Aug 2015 21:53

Tgt Ion: 136 Resp: 112109

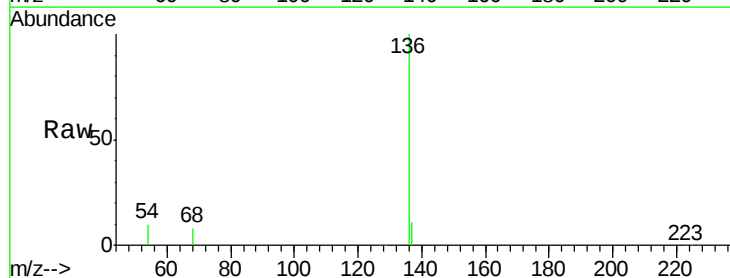
Ion Ratio Lower Upper

136 100

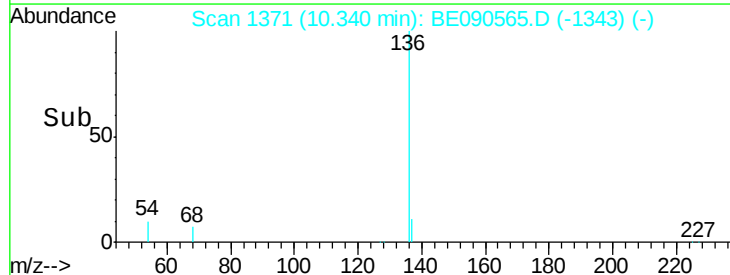
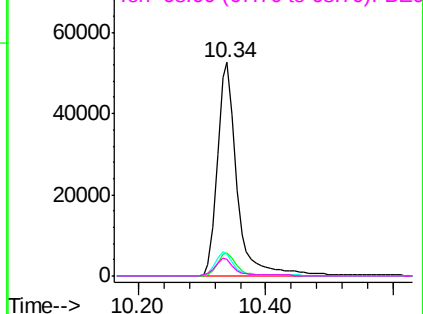
137 11.0 8.7 13.1

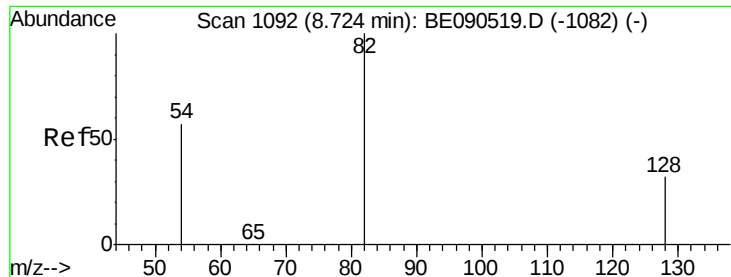
54 10.1 9.4 14.0

68 7.6 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: 3.27 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

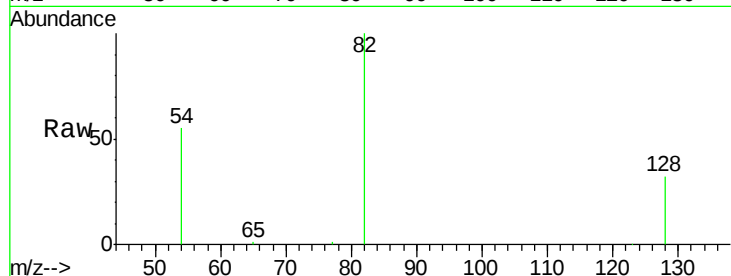
Tgt Ion: 82 Resp: 29208

Ion Ratio Lower Upper

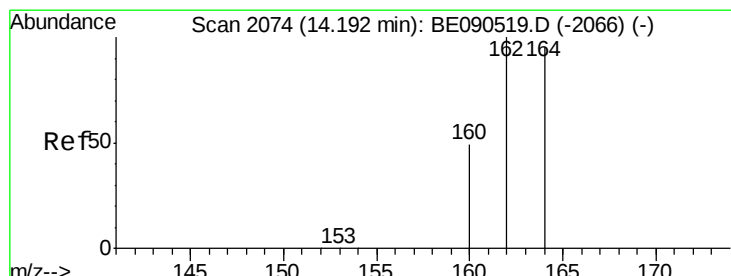
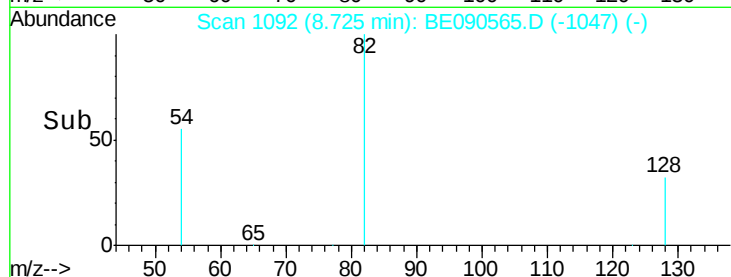
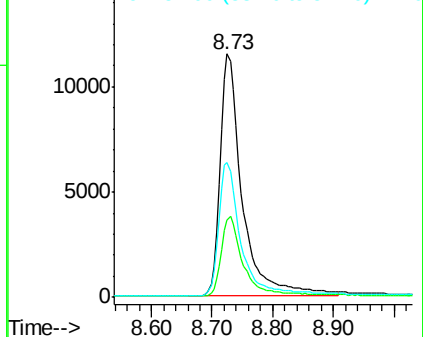
82 100

128 31.9 25.0 37.6

54 55.3 48.8 73.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

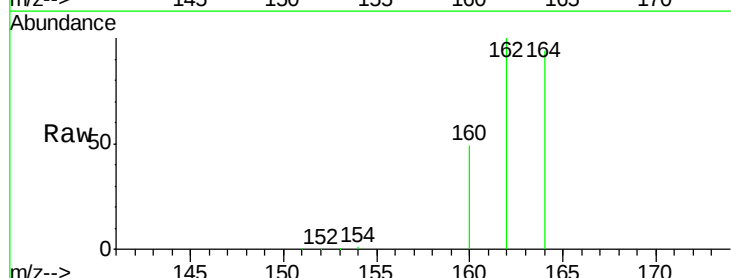
Tgt Ion: 164 Resp: 61298

Ion Ratio Lower Upper

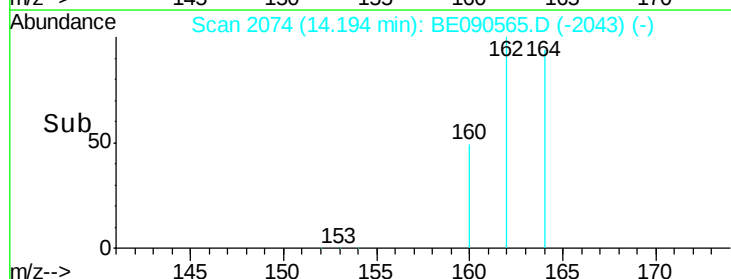
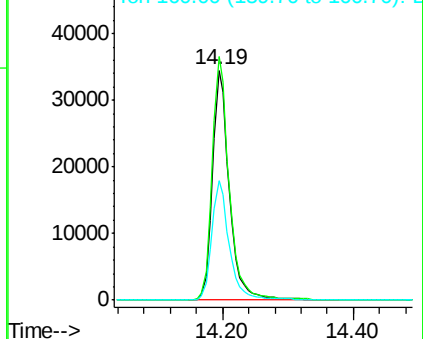
164 100

162 106.0 81.8 122.8

160 52.2 44.2 66.4



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

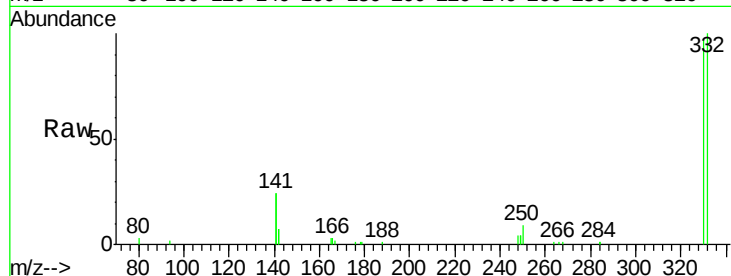




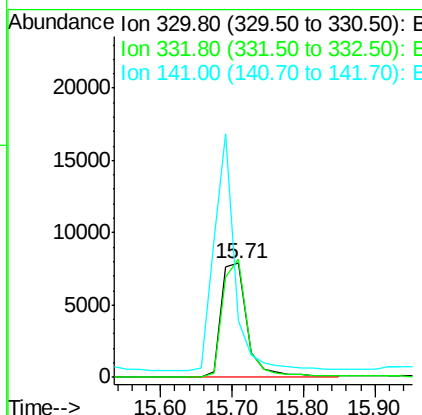
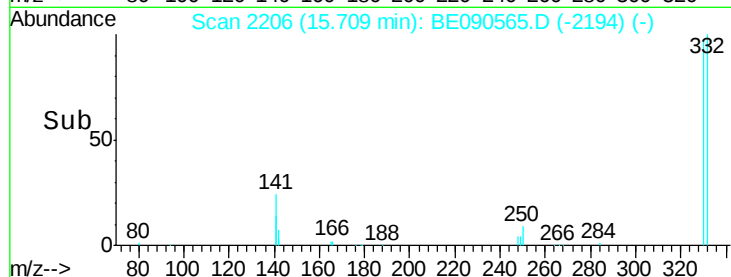
#13
 2,4,6-Tribromophenol
 Concen: 8.36 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

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

Tgt Ion:330 Resp: 19714
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 167.8 114.4 171.6

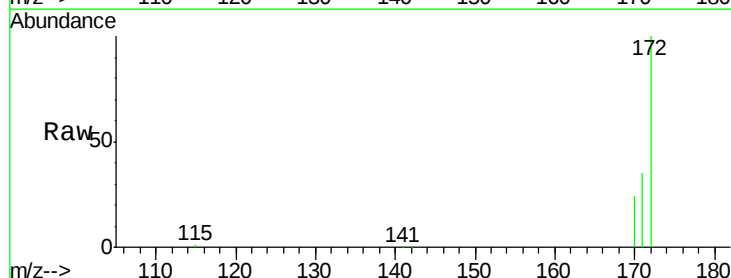


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

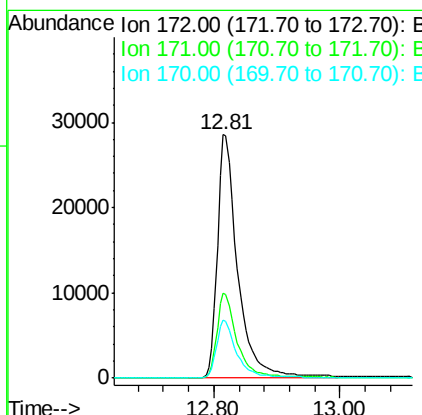
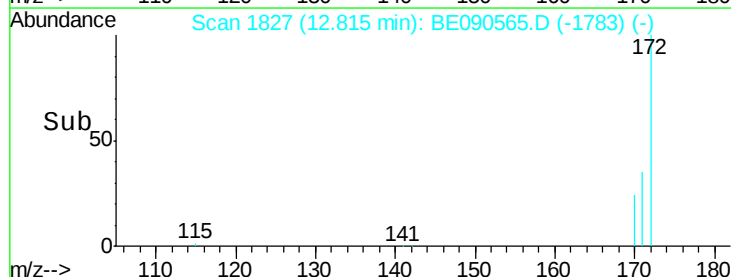


#14
 2-Fluorobiphenyl
 Concen: 3.47 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion:172 Resp: 63502
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.0 19.8 29.8



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: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

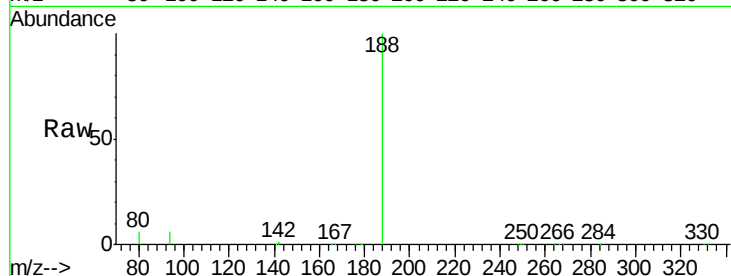
Tgt Ion:188 Resp: 134833

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

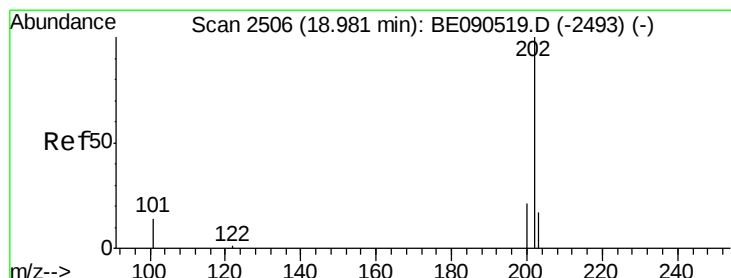
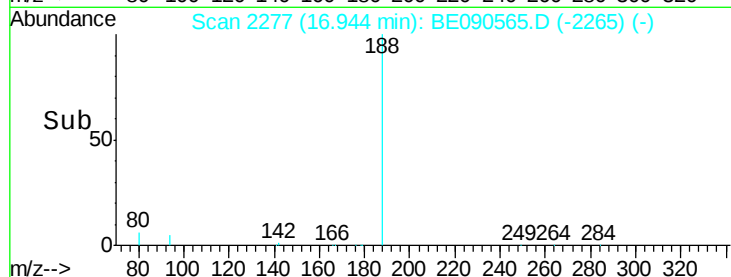
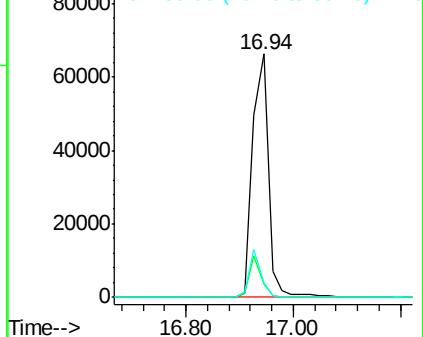
80 5.7 5.8 8.8#



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: BE090565.D

Acq: 18 Aug 2015 21:53

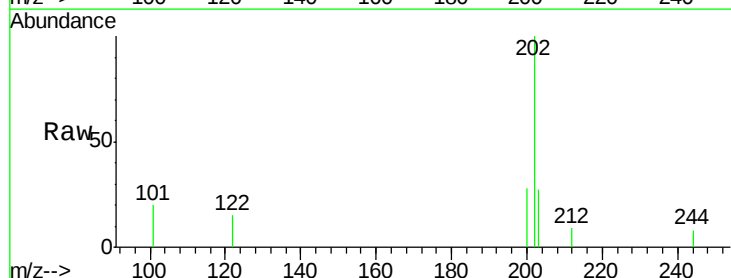
Tgt Ion:202 Resp: 951

Ion Ratio Lower Upper

202 100

101 14.6 10.3 15.5

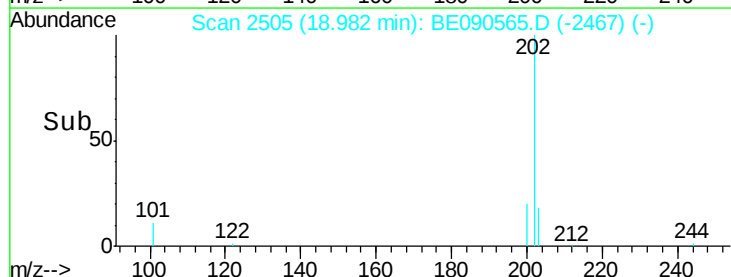
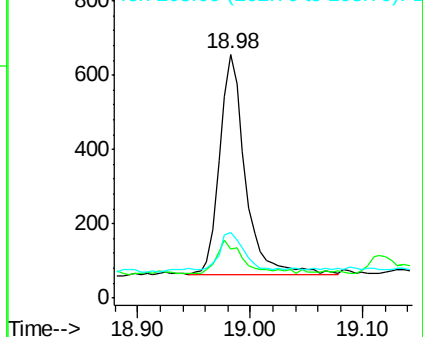
203 15.1 13.7 20.5

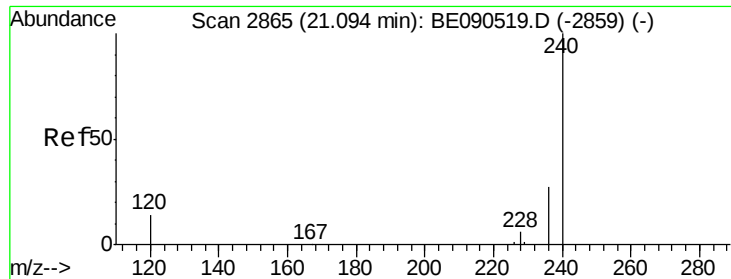


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

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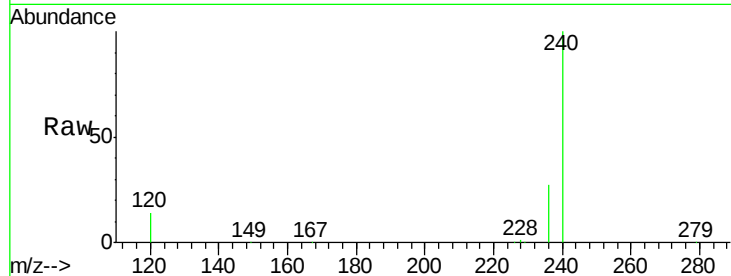
Tgt Ion:240 Resp: 134559

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

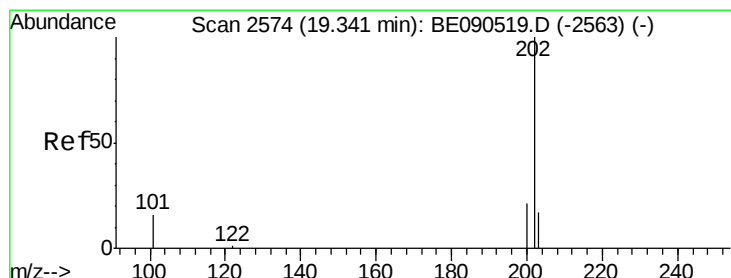
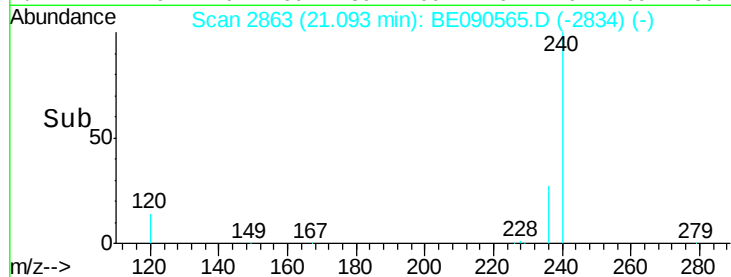
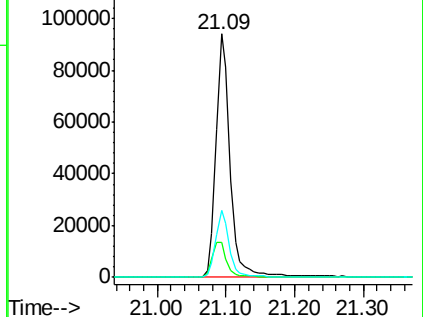
236 27.3 21.0 31.4



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: 0.02 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

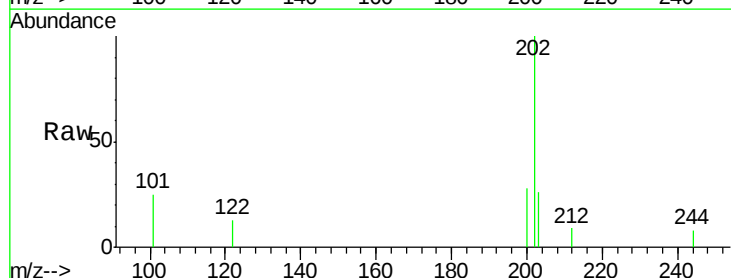
Tgt Ion:202 Resp: 961

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

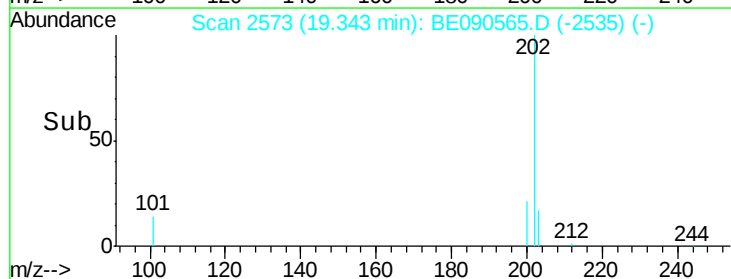
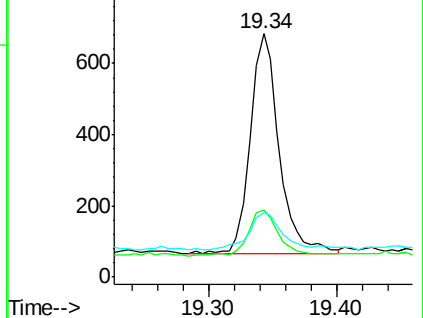
203 18.6 13.8 20.8

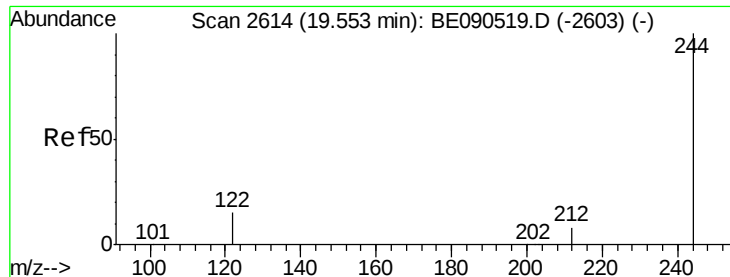


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

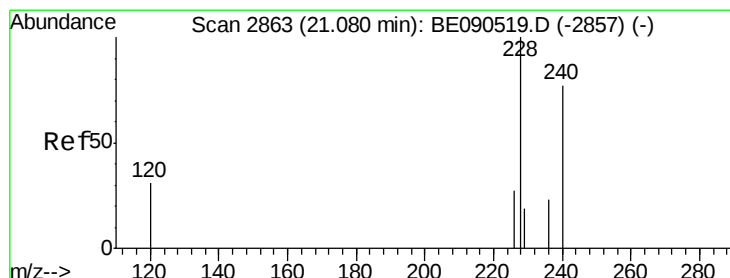
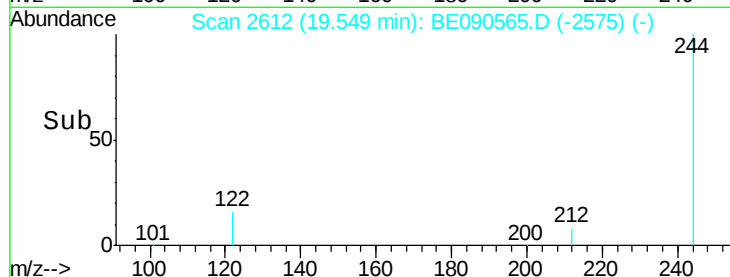
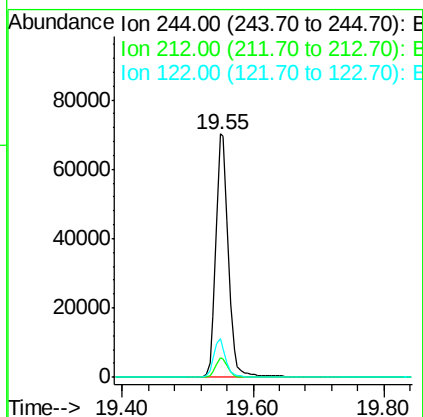
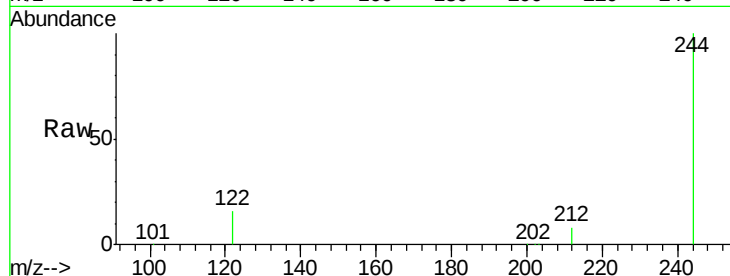




#27
 Terphenyl-d14
 Concen: 3.81 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

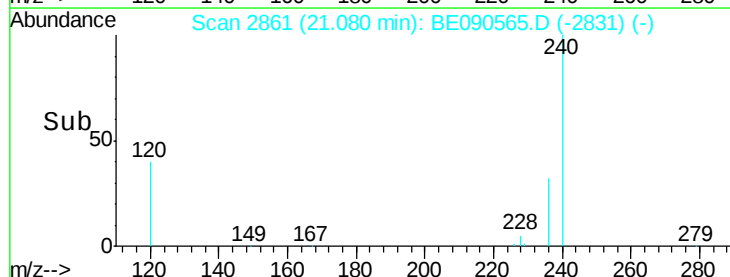
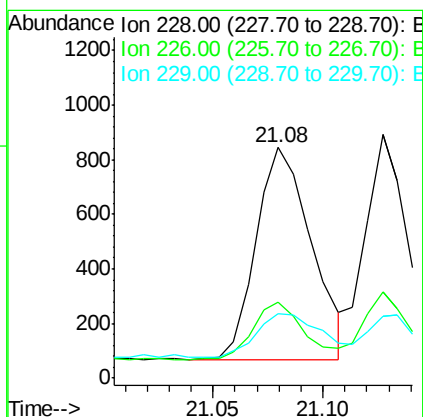
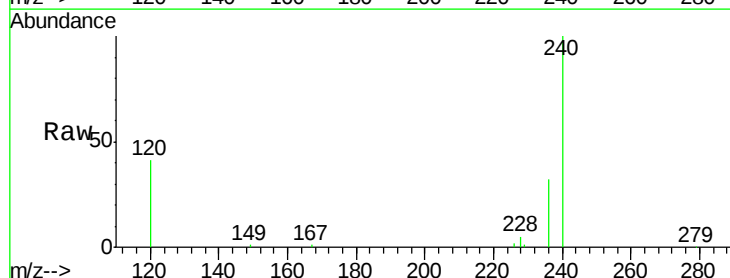
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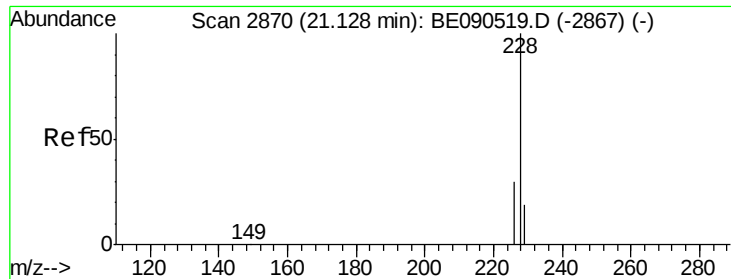
Tgt Ion:244 Resp: 93804
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.9 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. 0.01 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion:228 Resp: 1374
 Ion Ratio Lower Upper
 228 100
 226 32.9 21.9 32.9#
 229 27.8 15.4 23.0#





#29

Chrysene

Concen: 0.03 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

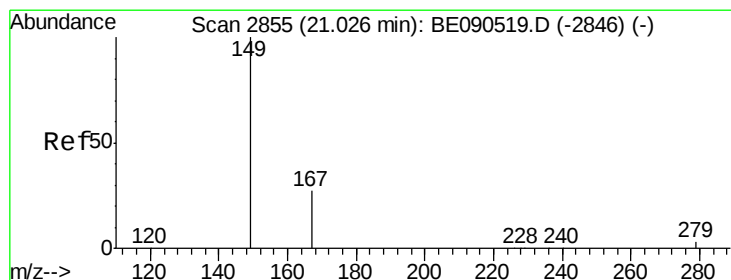
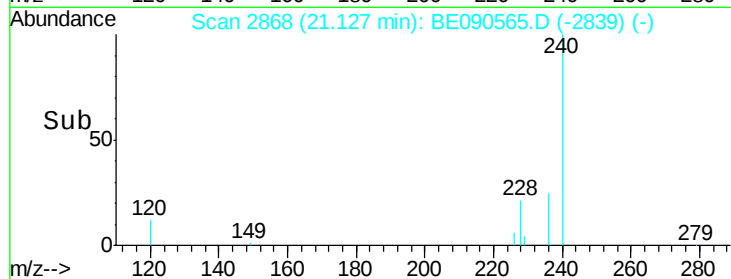
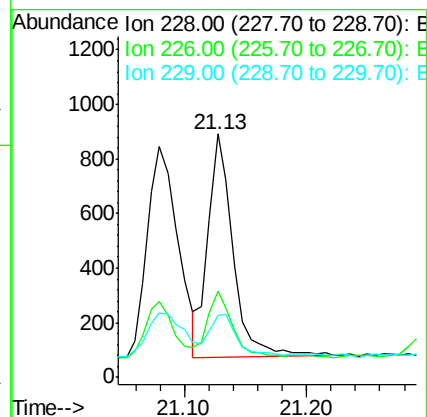
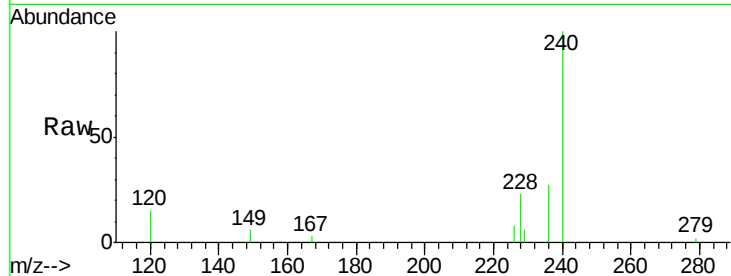
Tgt Ion:228 Resp: 1162

Ion Ratio Lower Upper

228 100

226 35.4 23.1 34.7#

229 25.2 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

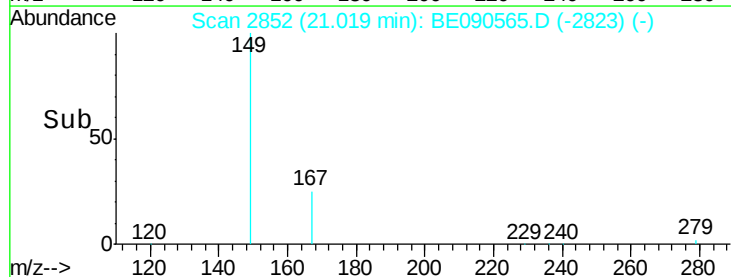
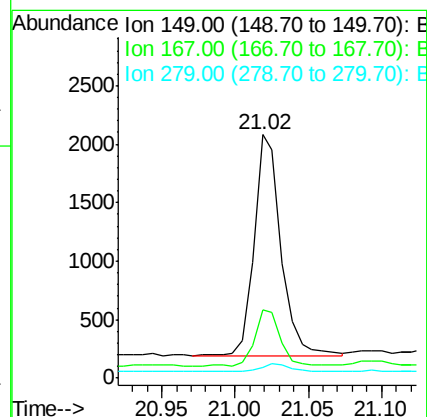
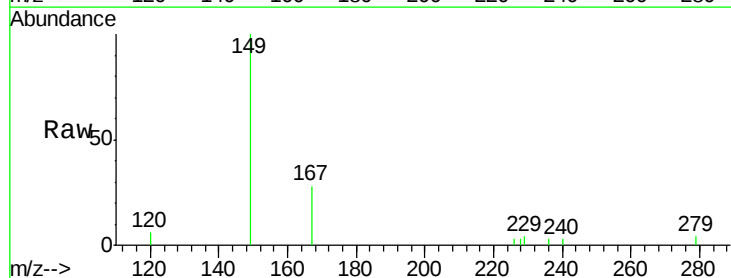
Tgt Ion:149 Resp: 2402

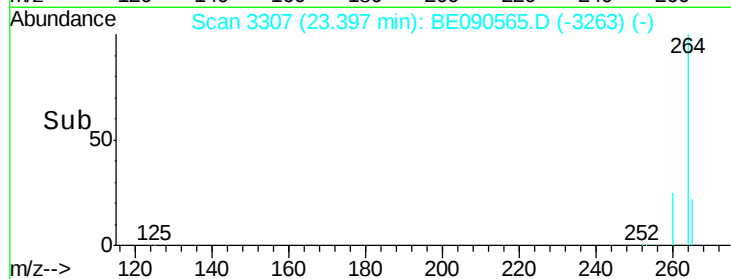
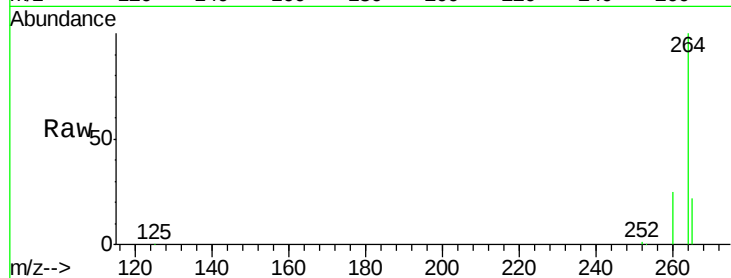
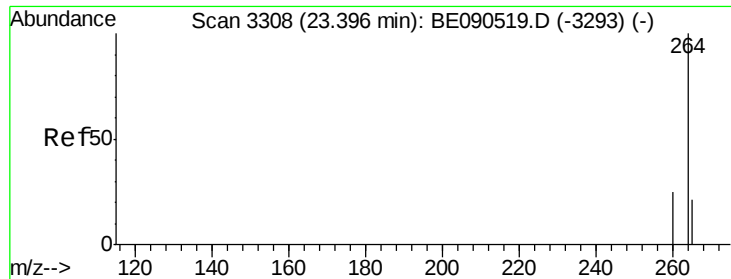
Ion Ratio Lower Upper

149 100

167 24.4 19.8 29.8

279 3.2 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

Tgt Ion: 264 Resp: 122151

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.0 17.2 25.8

