

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082515\
 Data File : BE090632.D
 Acq On : 26 Aug 2015 2:22
 Operator : UM/IZ
 Sample : G3401-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082415-D534-E-U-S

Quant Time: Aug 26 13:31:55 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

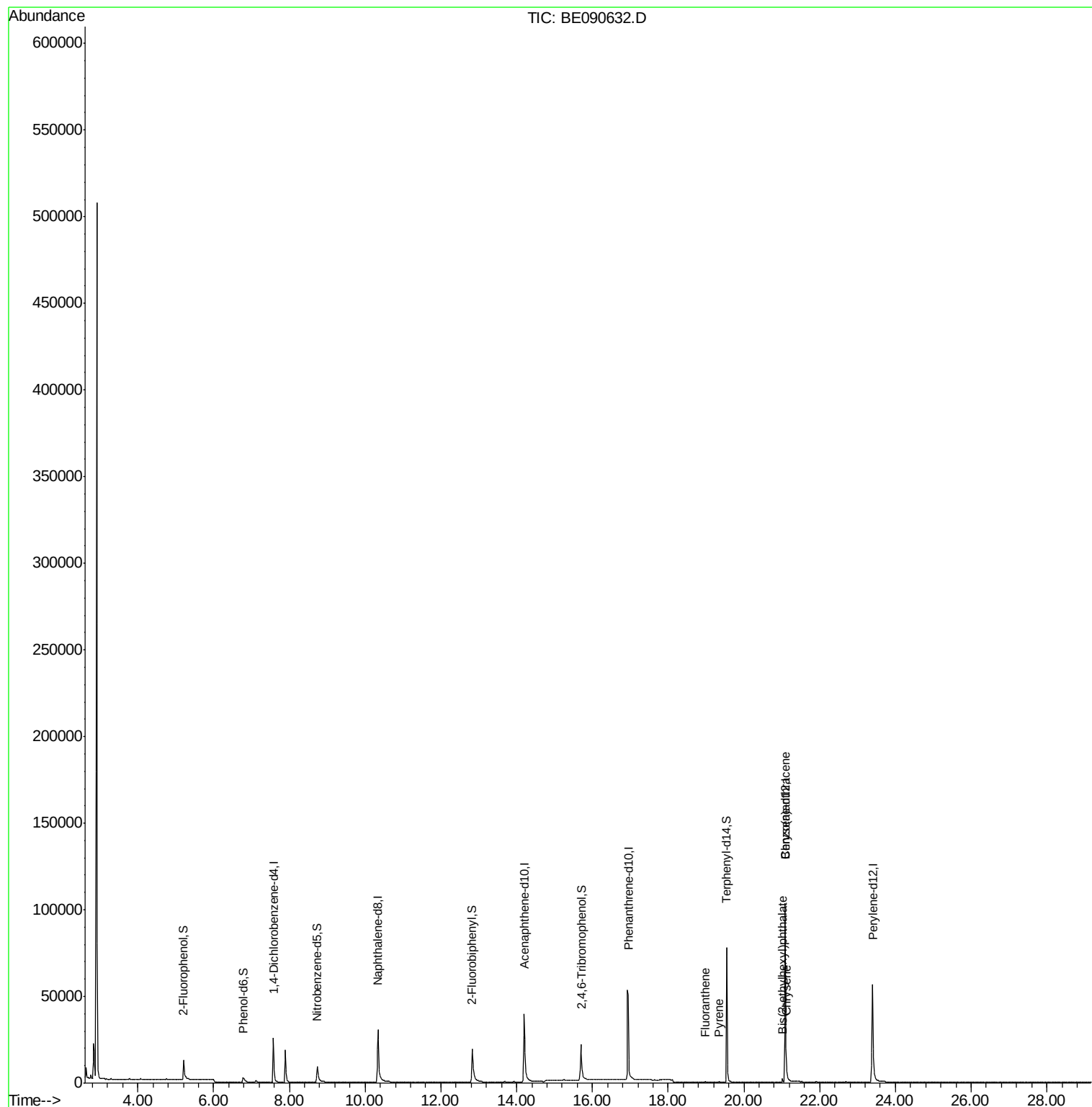
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14974	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	64411	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	38375	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	103279	5.00	ng	0.00
25) Chrysene-d12	21.09	240	115163	5.00	ng	0.00
32) Perylene-d12	23.40	264	98483	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	11695	2.70	ng	0.00
5) Phenol-d6	6.78	99	8314	1.31	ng	0.00
7) Nitrobenzene-d5	8.74	82	17634	3.44	ng	0.02
13) 2,4,6-Tribromophenol	15.71	330	13062	8.84	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	41141	3.59	ng	0.01
27) Terphenyl-d14	19.55	244	89976	4.27	ng	0.00
Target Compounds						
24) Fluoranthene	18.98	202	723	0.03	ng	# 94
26) Pyrene	19.34	202	777	0.02	ng	# 95
28) Benzo(a)anthracene	21.09	228	806	0.03	ng	# 87
29) Chrysene	21.13	228	698	0.02	ng	# 81
30) Bis(2-ethylhexyl)phthalate	21.02	149	1694	0.23	ng	98

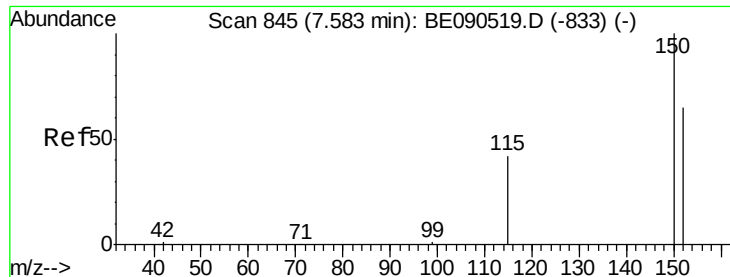
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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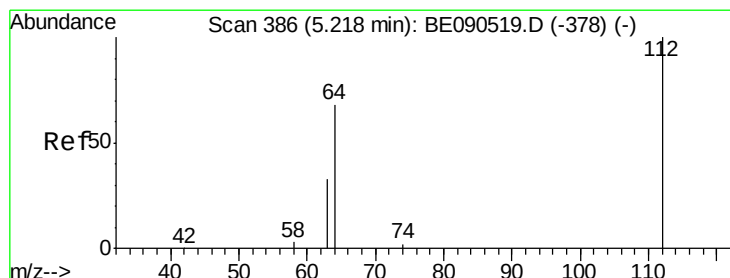
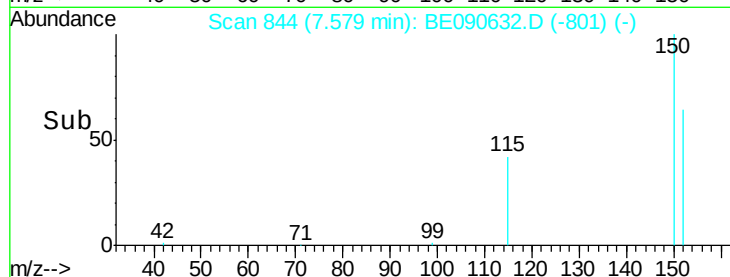
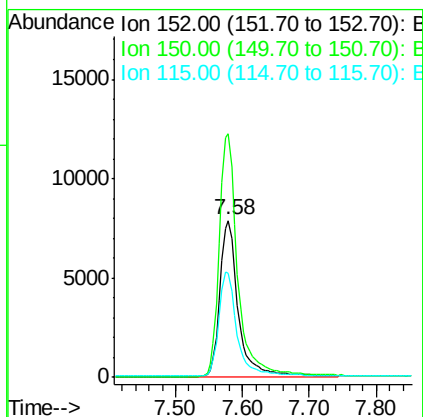
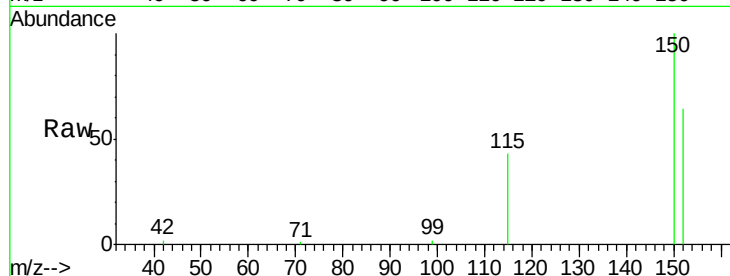




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BE090632.D
 Acq: 26 Aug 2015 2:22

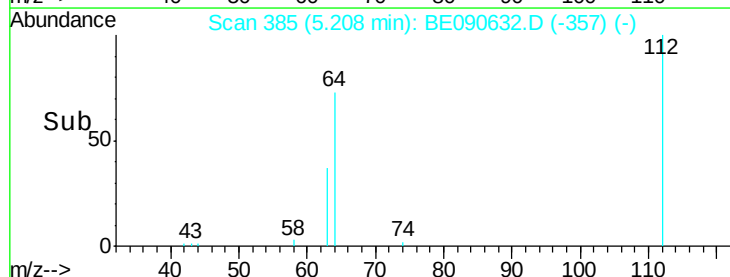
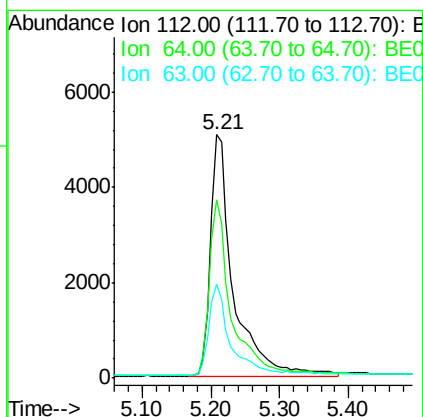
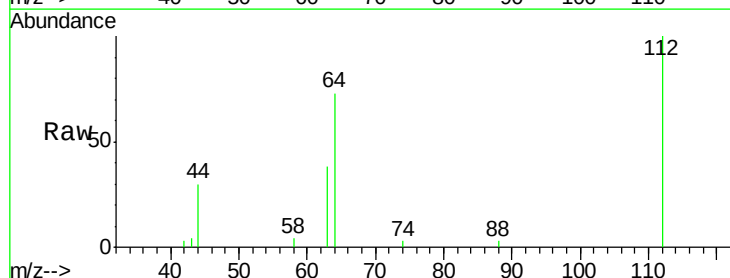
Instrument :
 BNA_E
 ClientSampleId :
 082415-D534-E-U-S

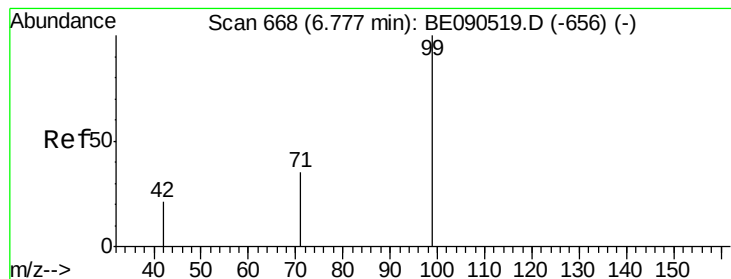
Tgt Ion:152 Resp: 14974
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.4
 115 66.1 48.9 73.3



#4
 2-Fluorophenol
 Concen: 2.70 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090632.D
 Acq: 26 Aug 2015 2:22

Tgt Ion:112 Resp: 11695
 Ion Ratio Lower Upper
 112 100
 64 70.5 37.1 55.7#
 63 35.7 19.5 29.3#





#5

Phenol-d6

Concen: 1.31 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-U-S

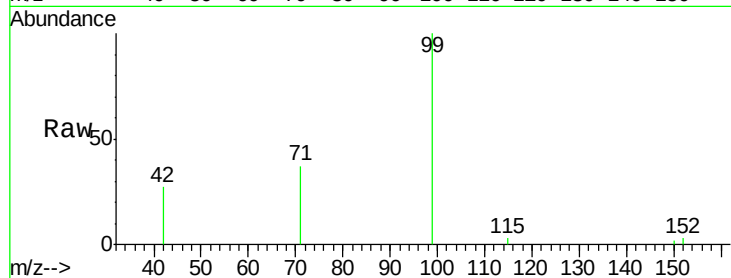
Tgt Ion: 99 Resp: 8314

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.4

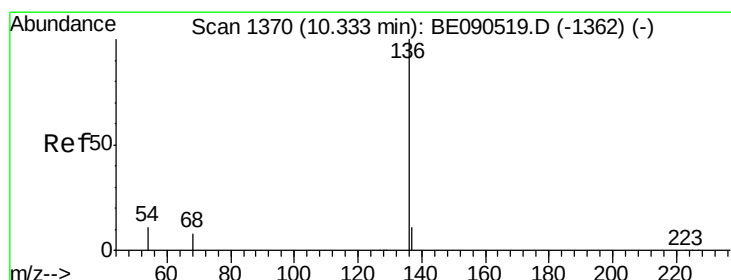
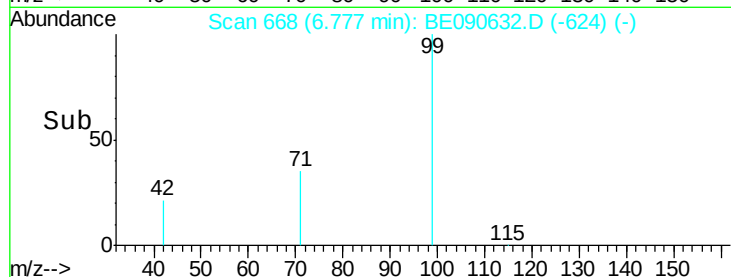
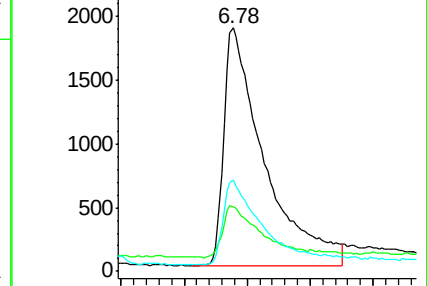
71 35.8 27.4 41.0



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: BE090632.D

Acq: 26 Aug 2015 2:22

Tgt Ion: 136 Resp: 64411

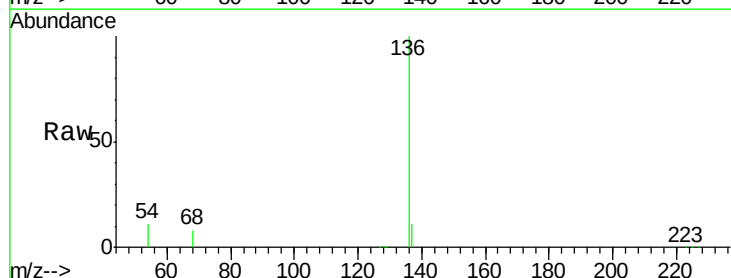
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.8 9.4 14.0

68 7.9 6.5 9.7

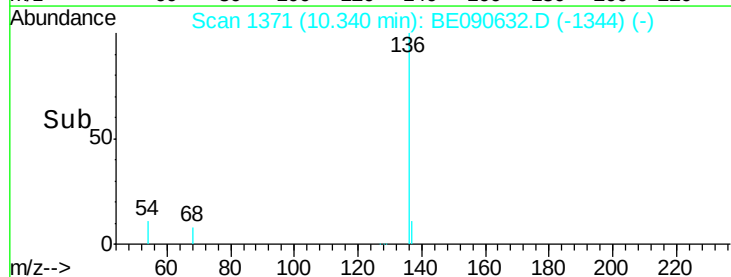
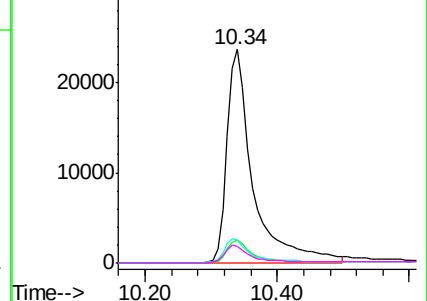


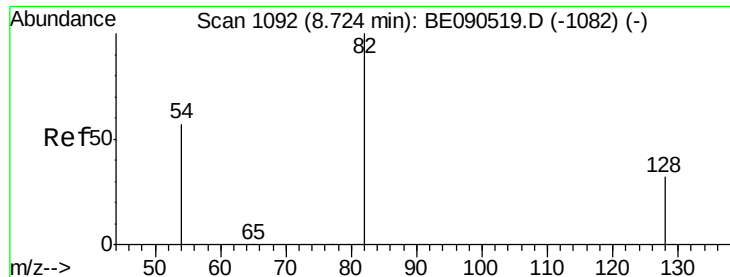
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.44 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.02 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-U-S

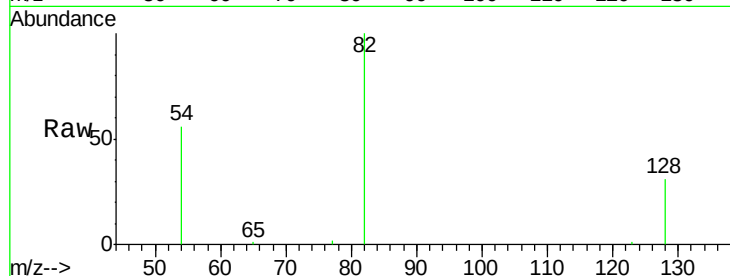
Tgt Ion: 82 Resp: 17634

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.6

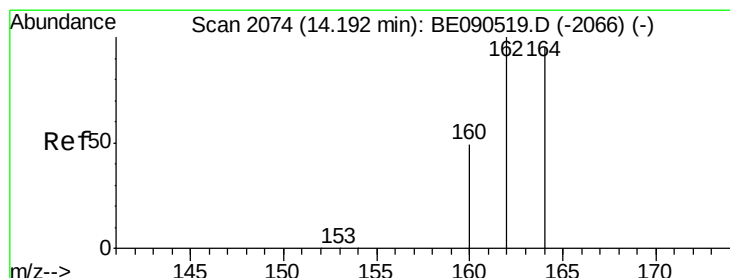
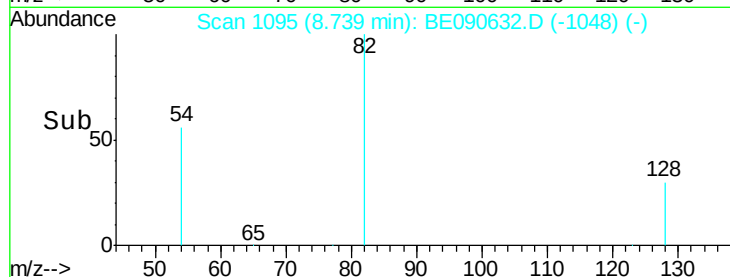
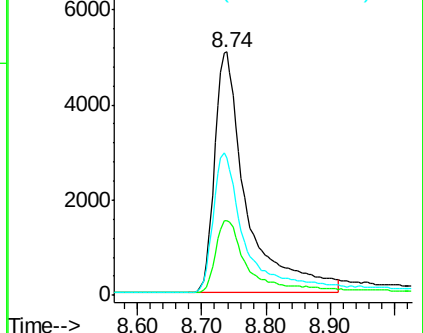
54 56.3 48.8 73.2



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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

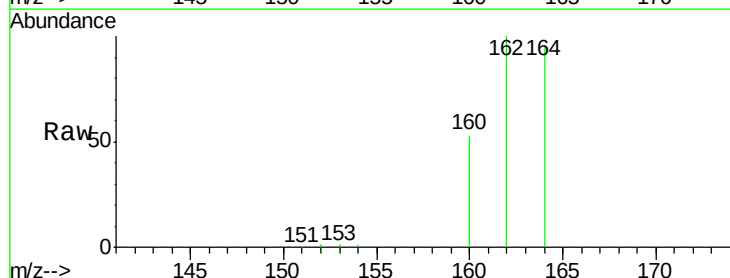
Tgt Ion: 164 Resp: 38375

Ion Ratio Lower Upper

164 100

162 105.7 81.8 122.8

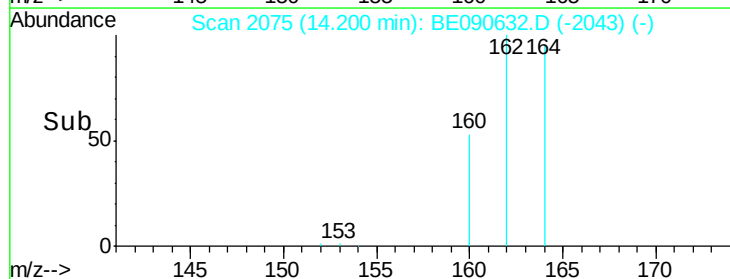
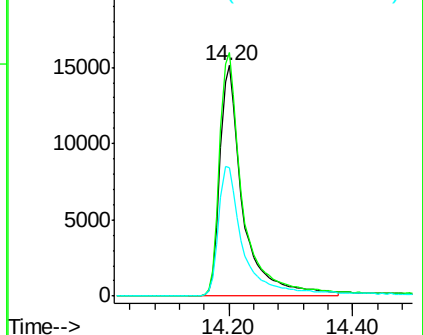
160 56.0 44.2 66.4

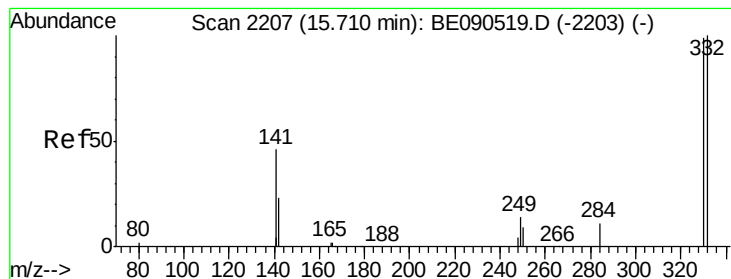


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 8.84 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-U-S

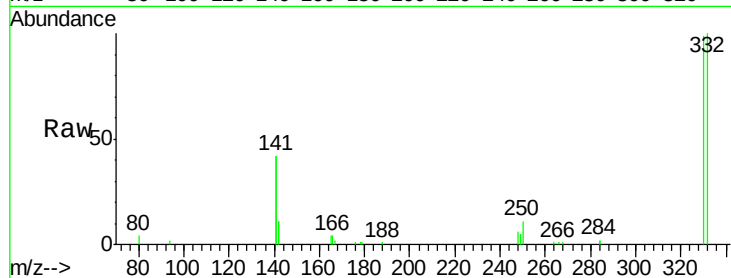
Tgt Ion:330 Resp: 13062

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

141 172.4 114.4 171.6#

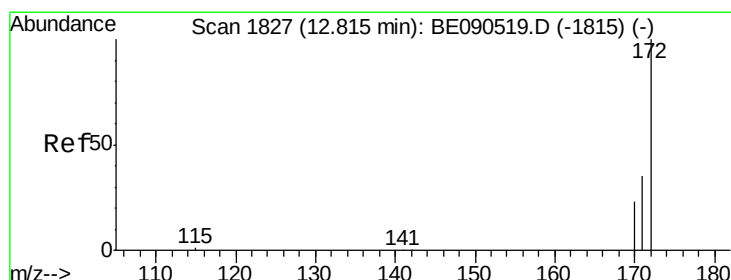
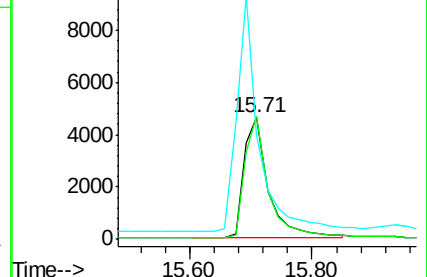
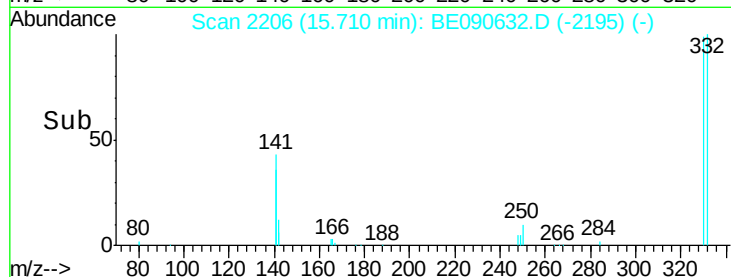


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#14

2-Fluorobiphenyl

Concen: 3.59 ng

RT: 12.83 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

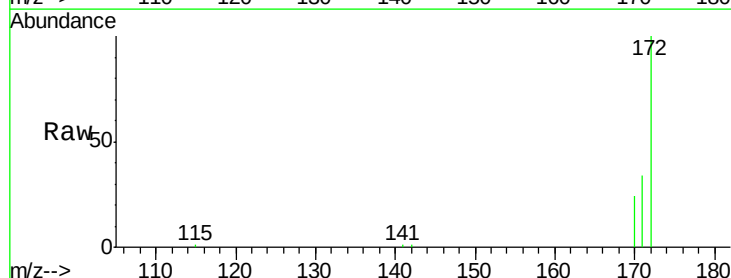
Tgt Ion:172 Resp: 41141

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

170 23.8 19.8 29.8

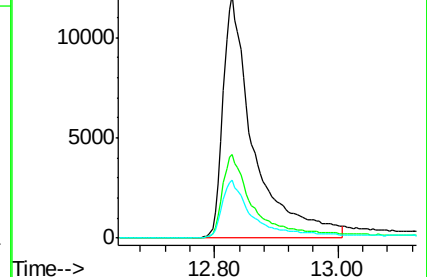
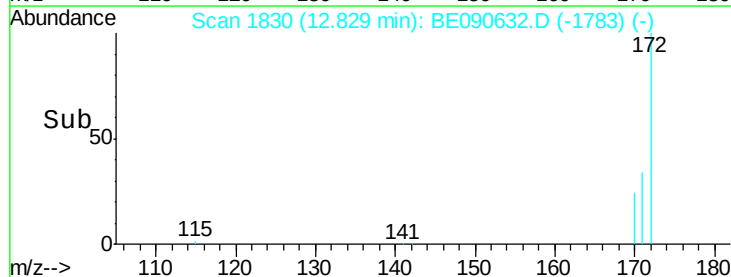


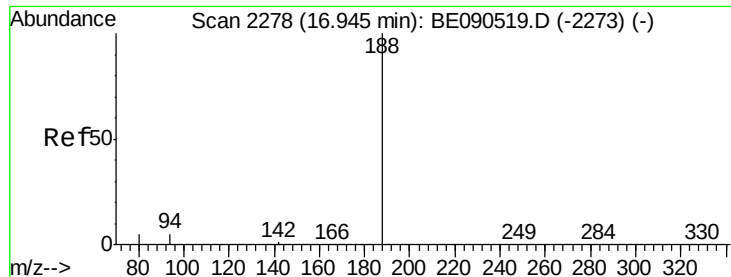
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-U-S

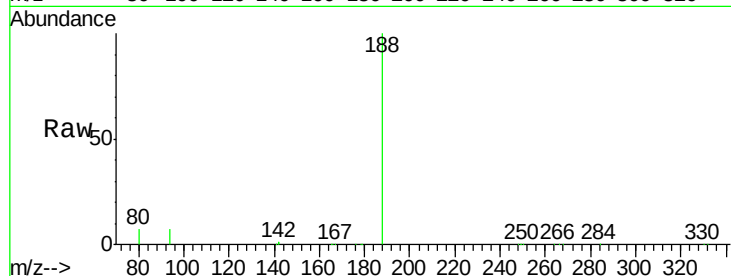
Tgt Ion:188 Resp: 103279

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

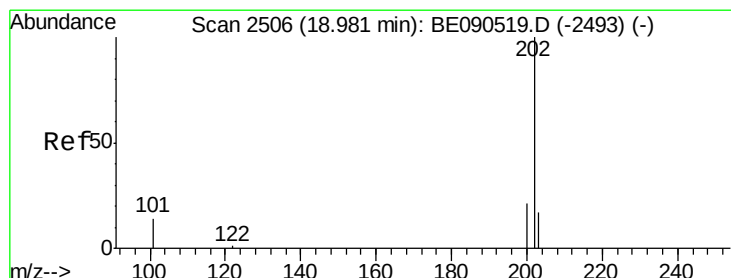
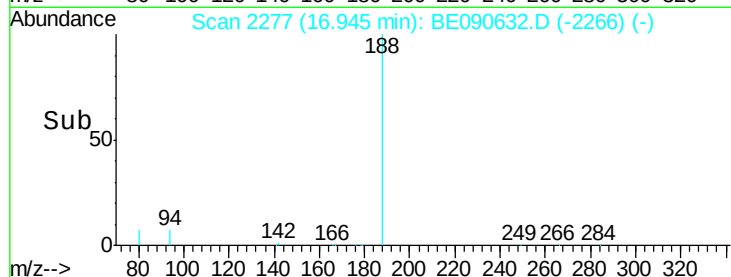
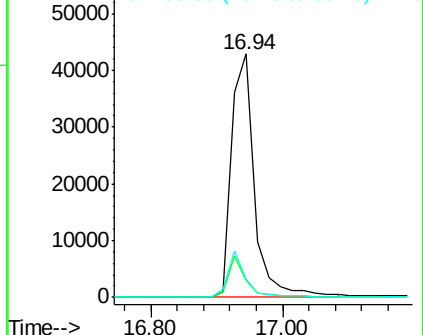
80 7.3 5.8 8.8



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: BE090632.D

Acq: 26 Aug 2015 2:22

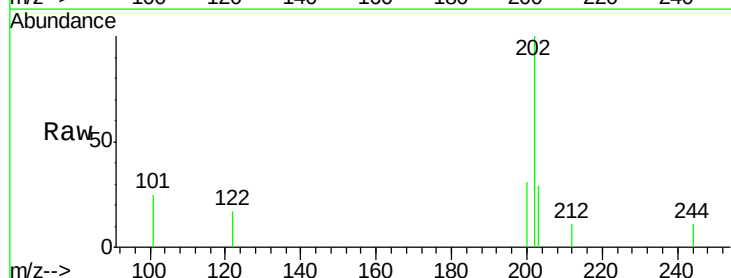
Tgt Ion:202 Resp: 723

Ion Ratio Lower Upper

202 100

101 16.2 10.3 15.5#

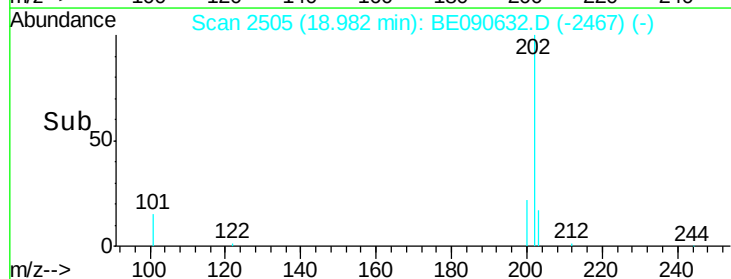
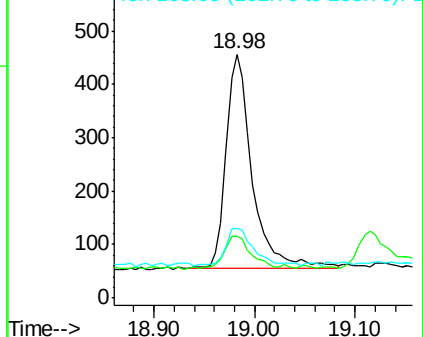
203 18.8 13.7 20.5

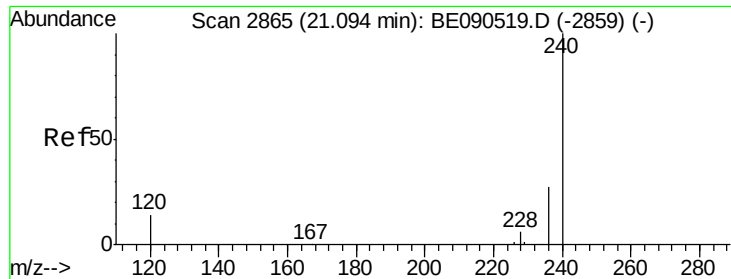


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

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082415-D534-E-U-S

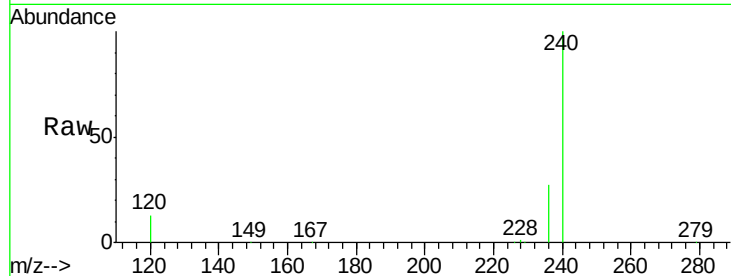
Tgt Ion:240 Resp: 115163

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

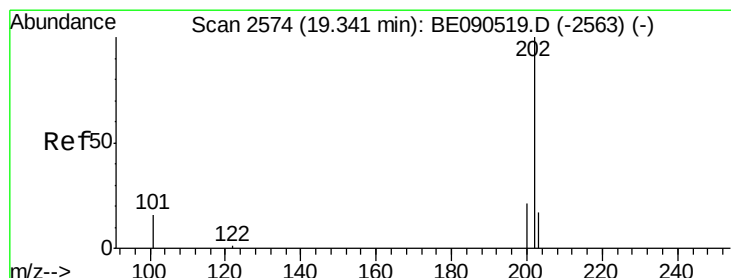
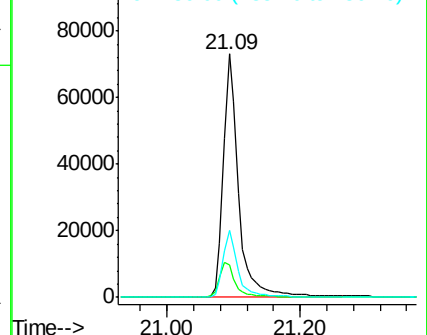
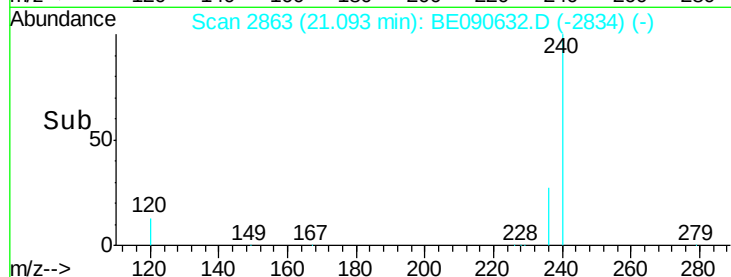
236 27.3 21.0 31.4



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: BE090632.D

Acq: 26 Aug 2015 2:22

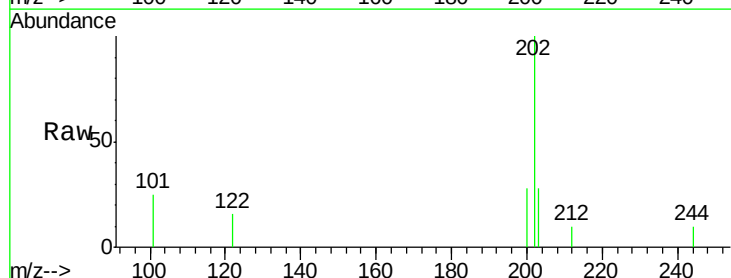
Tgt Ion:202 Resp: 777

Ion Ratio Lower Upper

202 100

200 20.3 16.7 25.1

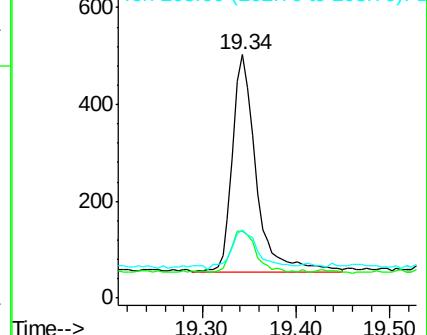
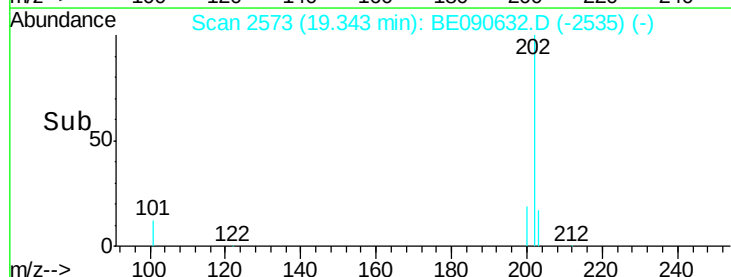
203 21.5 13.8 20.8#

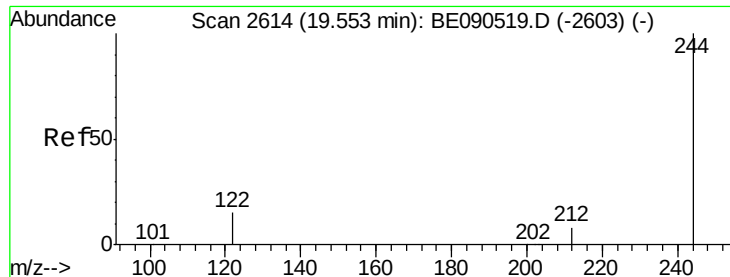


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.27 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

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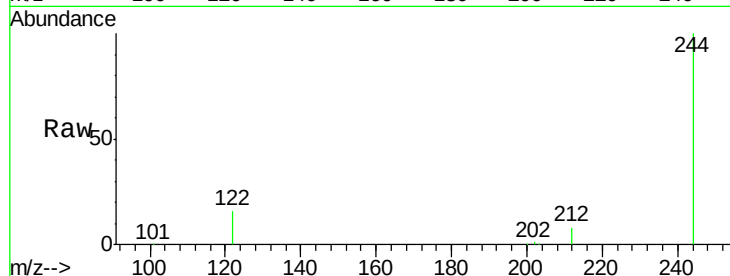
Tgt Ion:244 Resp: 89976

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

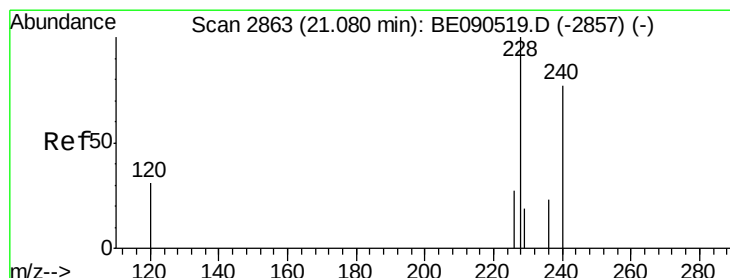
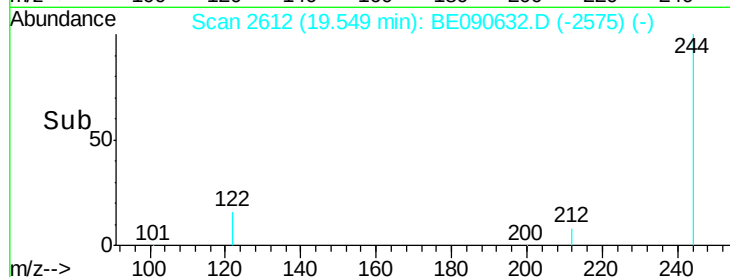
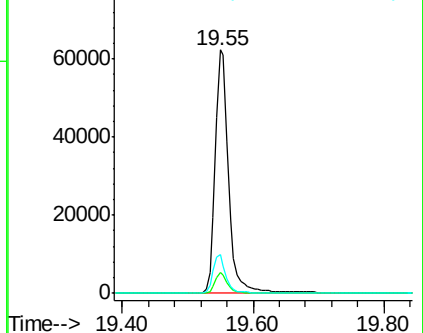
122 16.0 10.2 15.4#



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



#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.09 min Scan# 2862

Delta R.T. 0.01 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

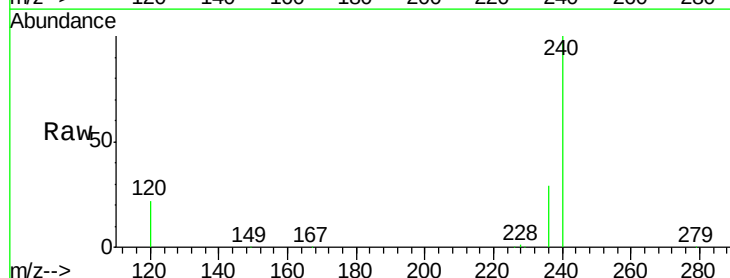
Tgt Ion:228 Resp: 806

Ion Ratio Lower Upper

228 100

226 29.4 21.9 32.9

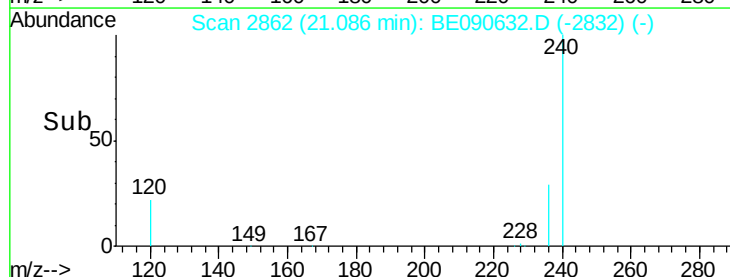
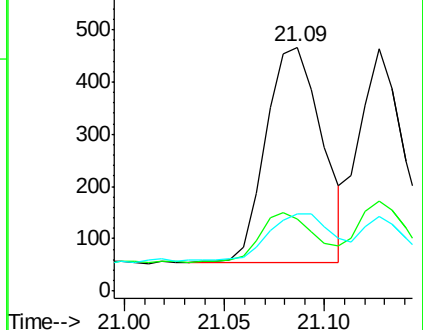
229 31.5 15.4 23.0#

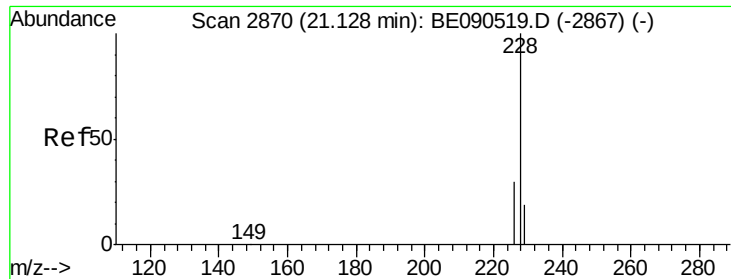


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.02 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-U-S

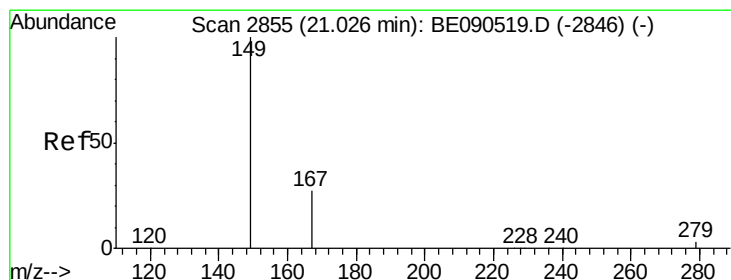
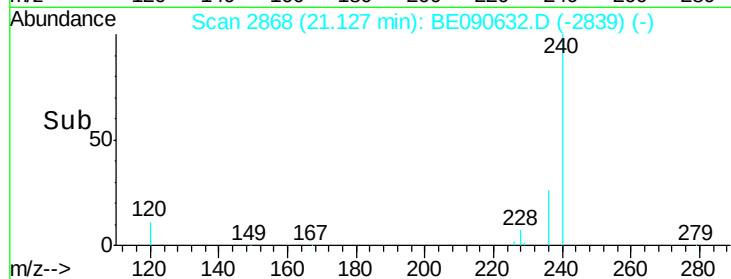
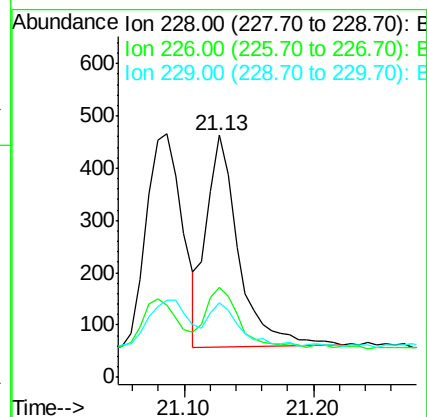
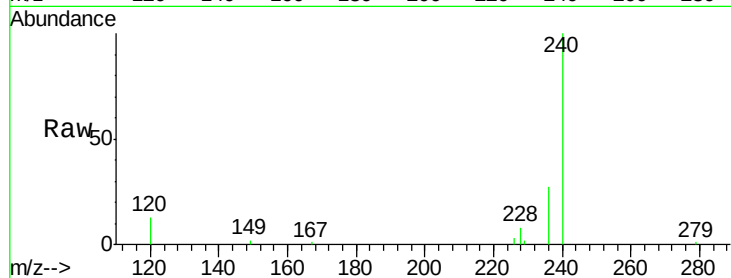
Tgt Ion:228 Resp: 698

Ion Ratio Lower Upper

228 100

226 37.1 23.1 34.7#

229 30.7 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090632.D

Acq: 26 Aug 2015 2:22

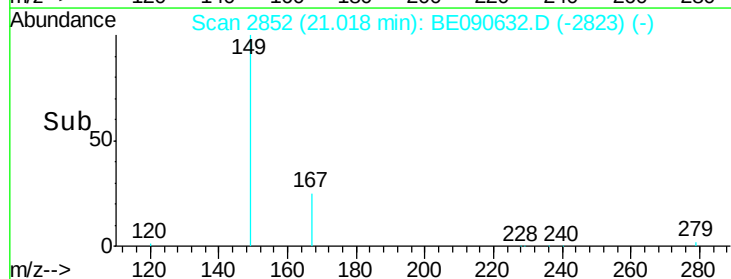
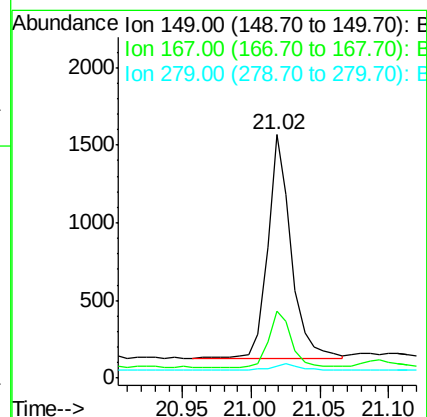
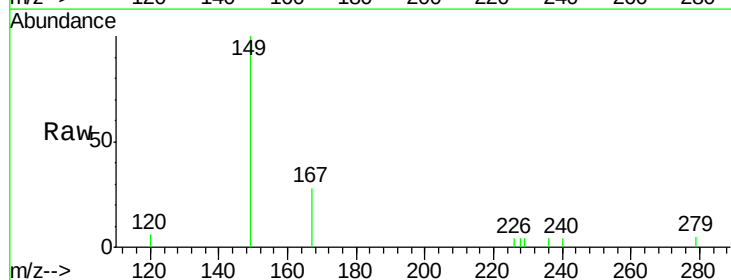
Tgt Ion:149 Resp: 1694

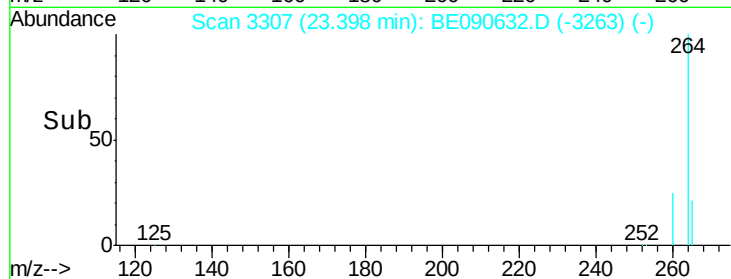
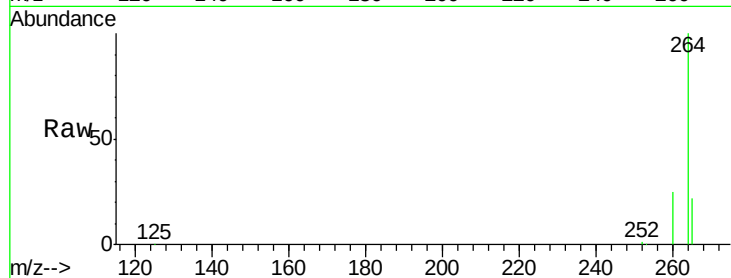
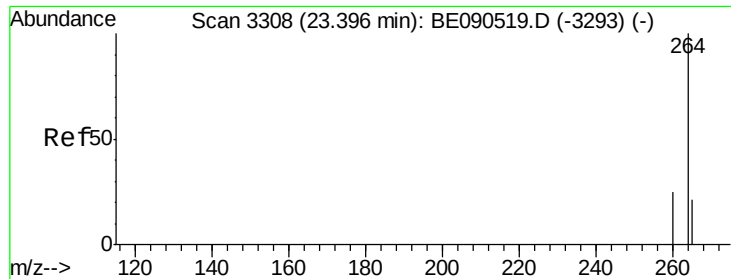
Ion Ratio Lower Upper

149 100

167 25.9 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: BE090632.D

Acq: 26 Aug 2015 2:22

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-U-S

Tgt Ion: 264 Resp: 98483

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 21.7 17.2 25.8

