

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092251.D
 Acq On : 10 Aug 2016 12:54
 Operator : UM/SJ
 Sample : H4227-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160725

Quant Time: Aug 10 18:44:28 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

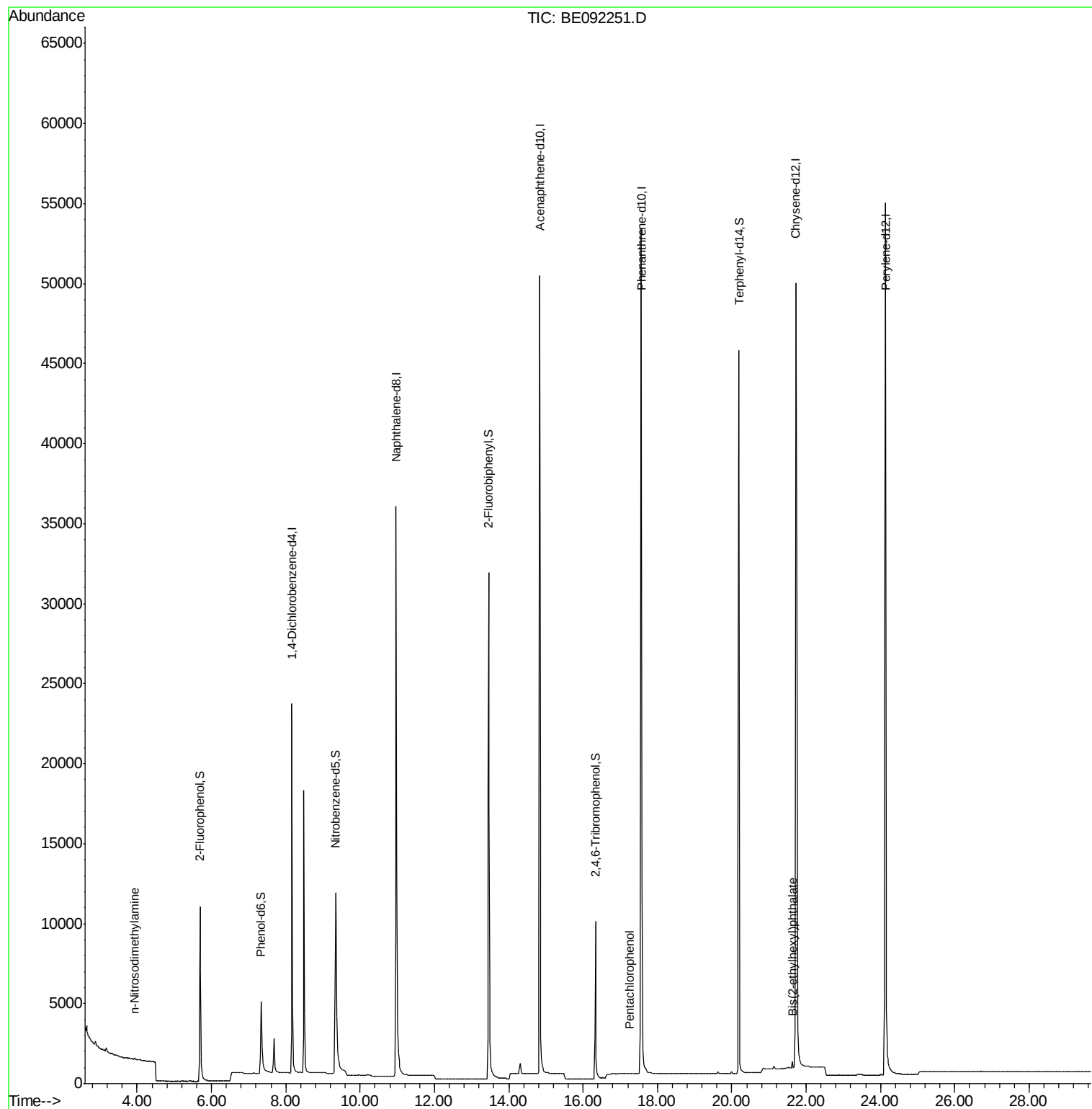
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12692	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	57063	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	31959	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	79142	5.00	ng	0.00
24) Chrysene-d12	21.73	240	81046	5.00	ng	-0.02
31) Perylene-d12	24.13	264	87624	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	9734	3.51	ng	-0.01
5) Phenol-d6	7.34	99	6835	1.71	ng	-0.02
8) Nitrobenzene-d5	9.34	82	15201	3.77	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	8064	6.51	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	36588	3.70	ng	-0.01
26) Terphenyl-d14	20.19	244	53596	3.91	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	32	Below Cal	#	1
3) n-Nitrosodimethylamine	3.93	42	19	0.16 ng	#	11
20) Pentachlorophenol	17.26	266	1	0.16 ng	#	80
29) Bis(2-ethylhexyl)phthalate	21.64	149	509	0.26 ng	#	98

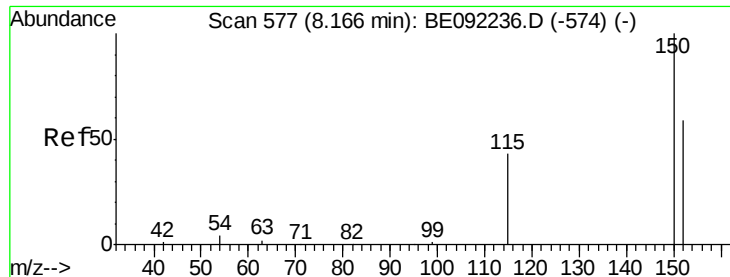
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160725

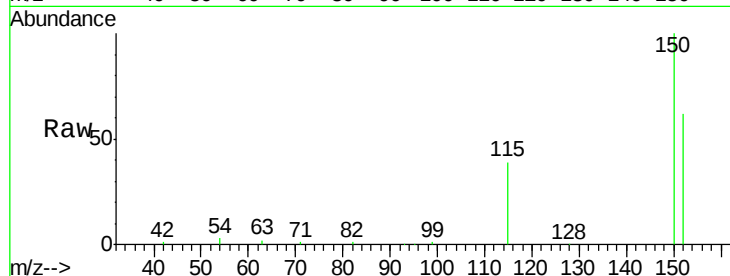
Tgt Ion:152 Resp: 12692

Ion Ratio Lower Upper

152 100

150 160.2 135.6 203.4

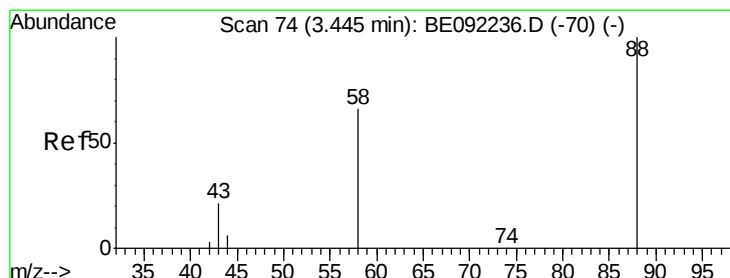
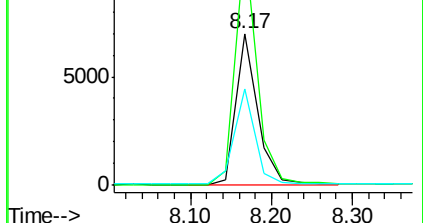
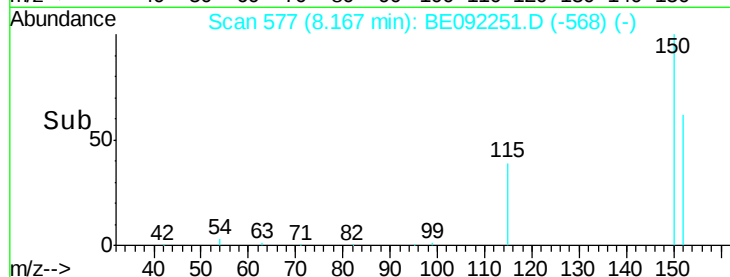
115 63.2 59.4 89.0



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

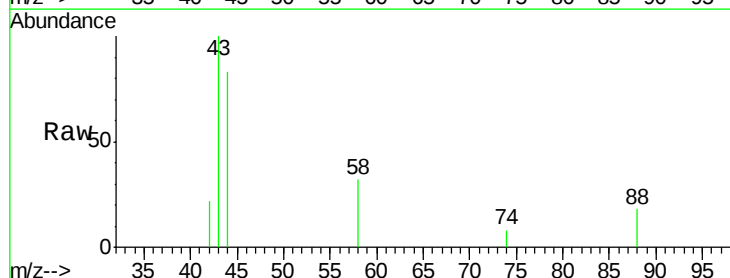
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

58 278.1 64.4 96.6#

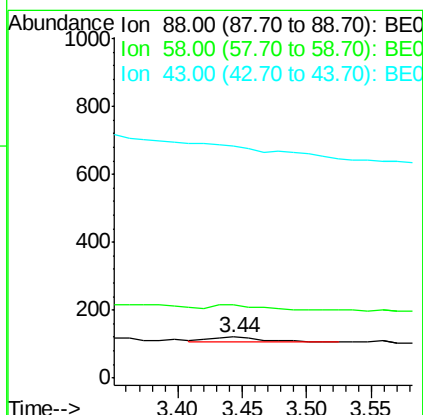
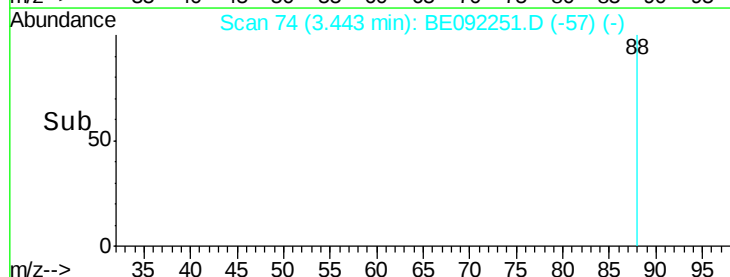
43 0.0 33.4 50.2#

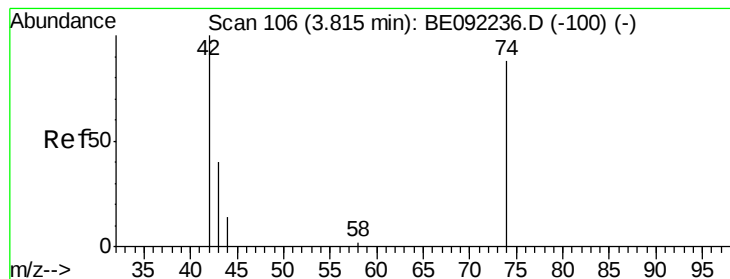


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.93 min Scan# 116

Delta R.T. 0.11 min

Lab File: BE092251.D

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KY038PS037-160725

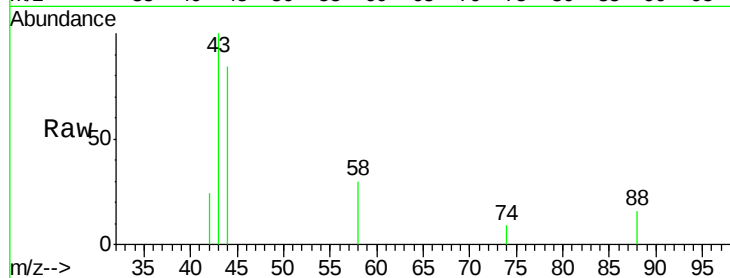
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

74 5.3 77.2 115.8#

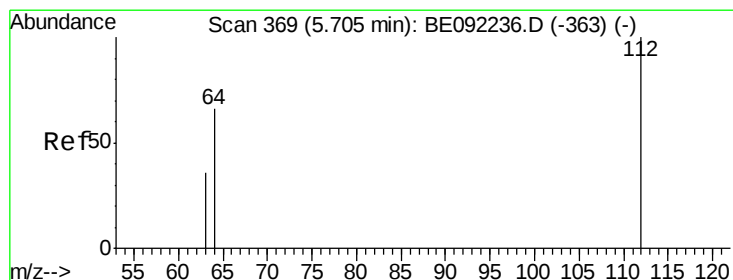
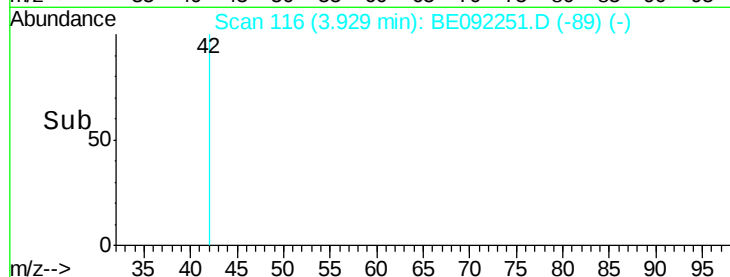
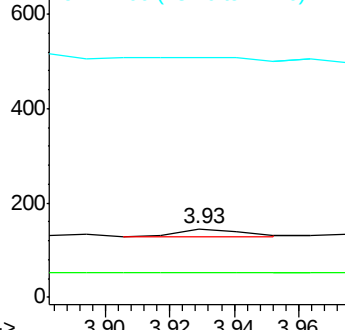
44 0.0 5.0 7.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 3.51 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

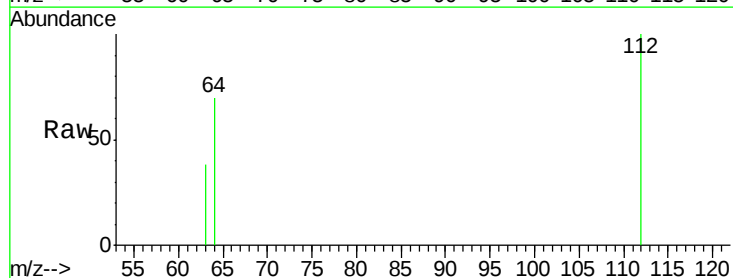
Tgt Ion: 112 Resp: 9734

Ion Ratio Lower Upper

112 100

64 67.0 53.2 79.8

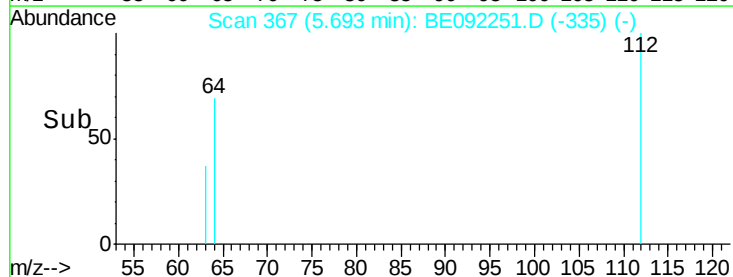
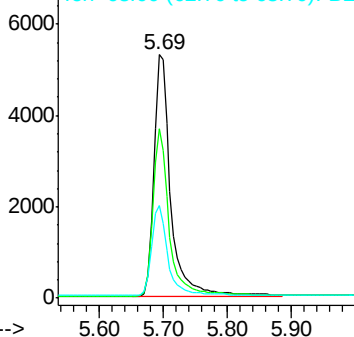
63 36.6 27.4 41.2

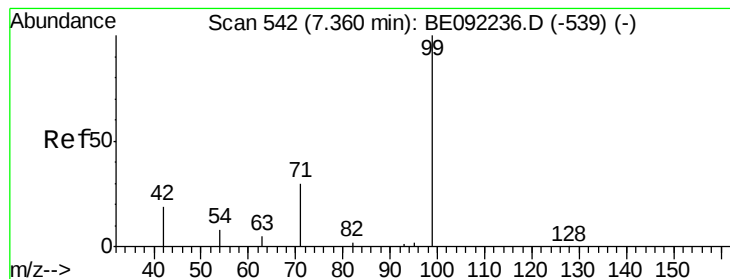


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.71 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160725

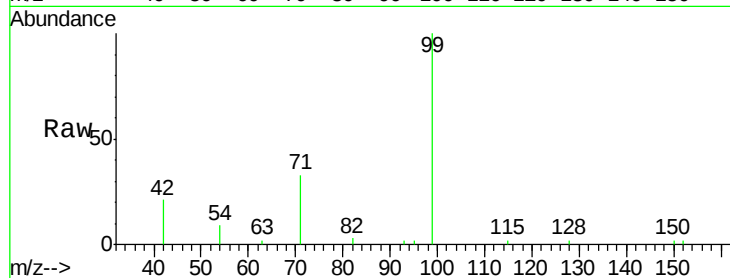
Tgt Ion: 99 Resp: 6835

Ion Ratio Lower Upper

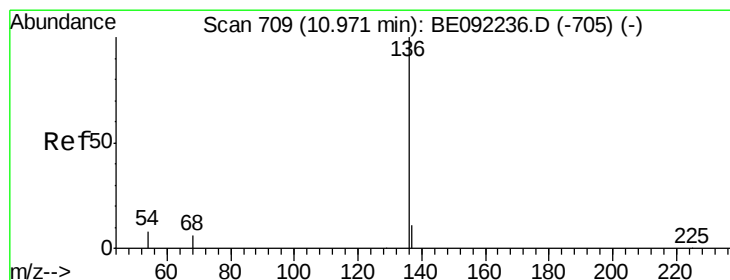
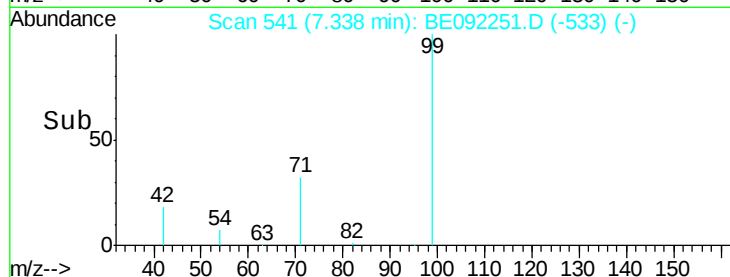
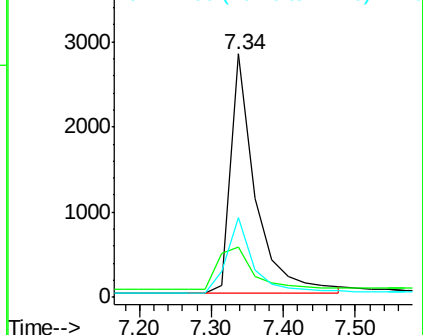
99 100

42 25.3 0.0 0.0#

71 34.1 29.8 44.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

Tgt Ion: 136 Resp: 57063

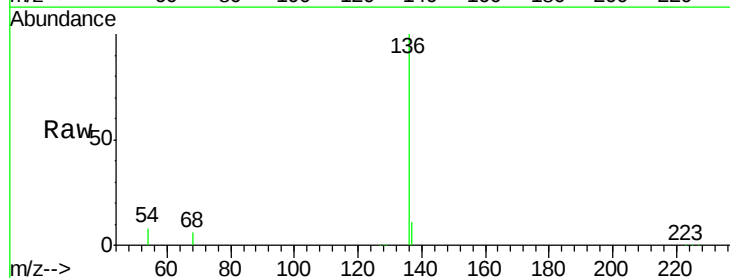
Ion Ratio Lower Upper

136 100

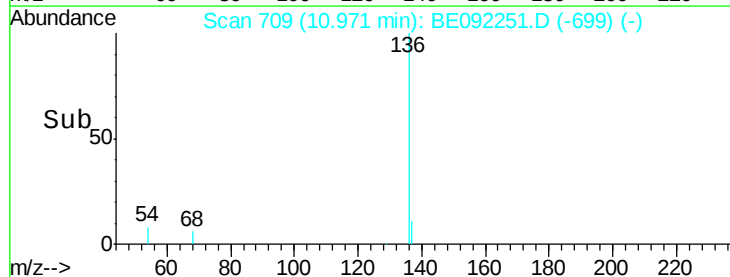
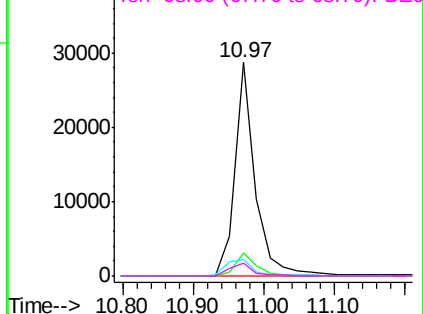
137 10.7 8.8 13.2

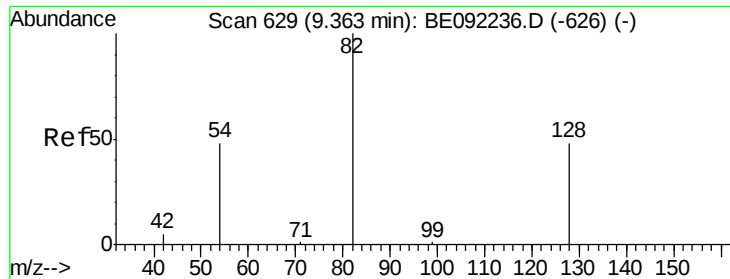
54 8.1 6.2 9.4

68 5.8 4.6 6.8



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

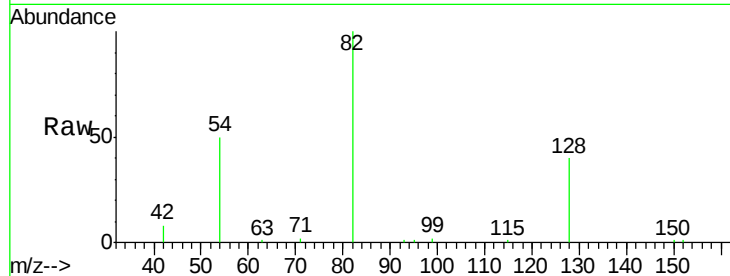




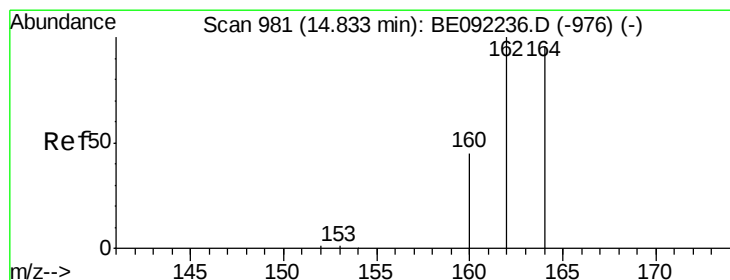
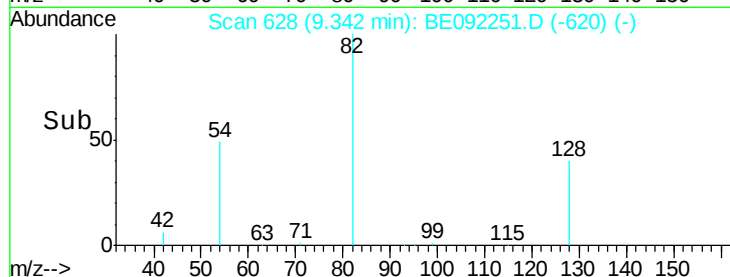
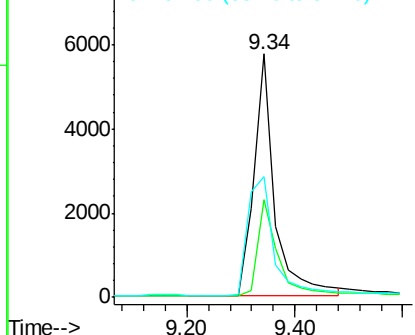
#8
 Nitrobenzene-d5
 Concen: 3.77 ng
 RT: 9.34 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BE092251.D
 Acq: 10 Aug 2016 12:54

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160725

Tgt Ion: 82 Resp: 15201
 Ion Ratio Lower Upper
 82 100
 128 40.3 45.0 67.4#
 54 49.5 45.4 68.2

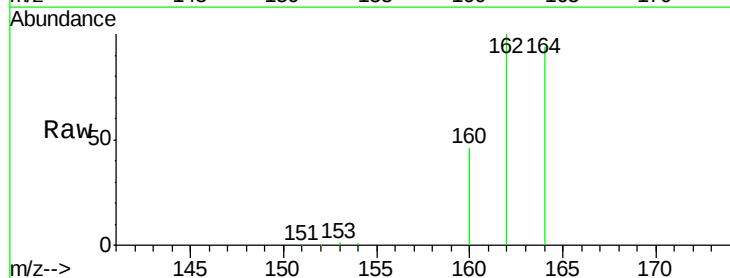


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

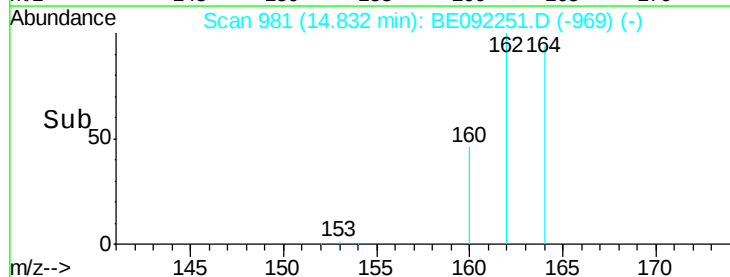
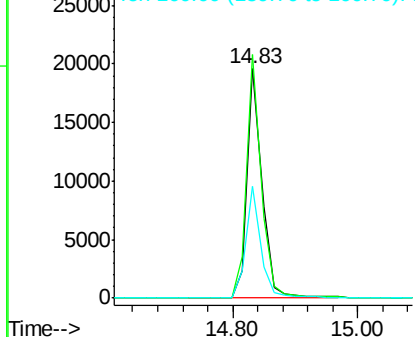


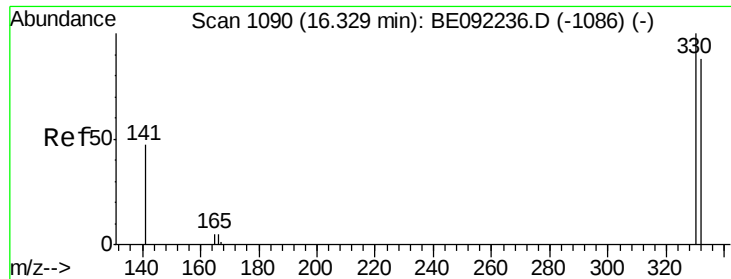
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.83 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BE092251.D
 Acq: 10 Aug 2016 12:54

Tgt Ion: 164 Resp: 31959
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.3 124.9
 160 48.9 38.0 57.0



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

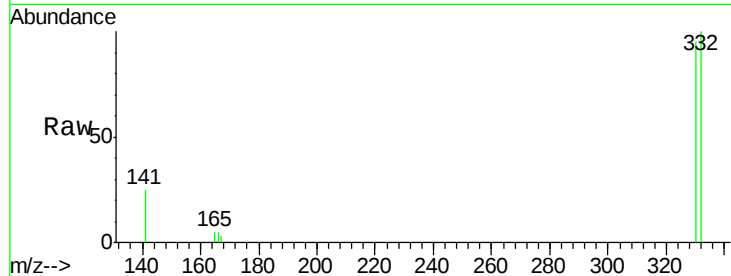




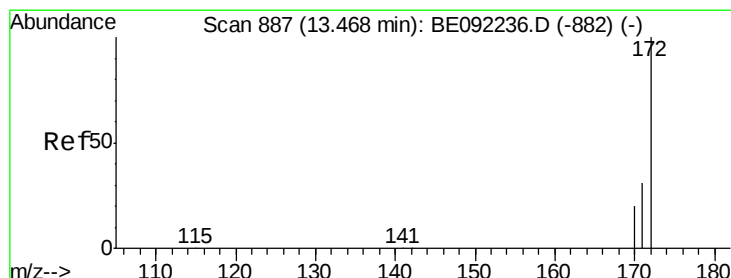
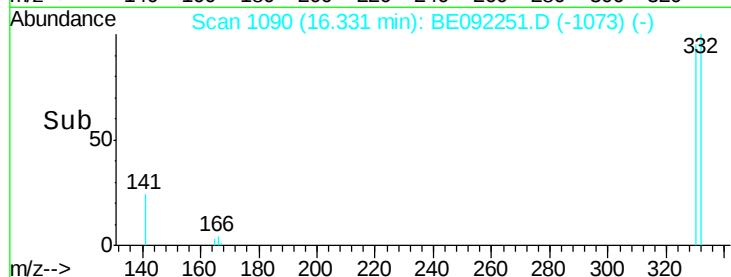
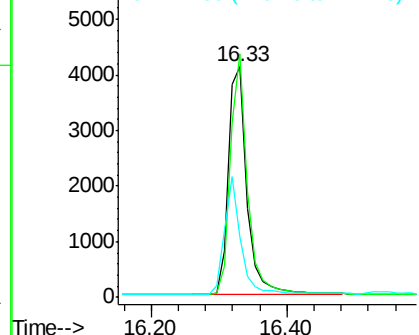
#13
 2,4,6-Tribromophenol
 Concen: 6.51 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092251.D
 Acq: 10 Aug 2016 12:54

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160725

Tgt Ion:330 Resp: 8064
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 45.3 37.7 56.5

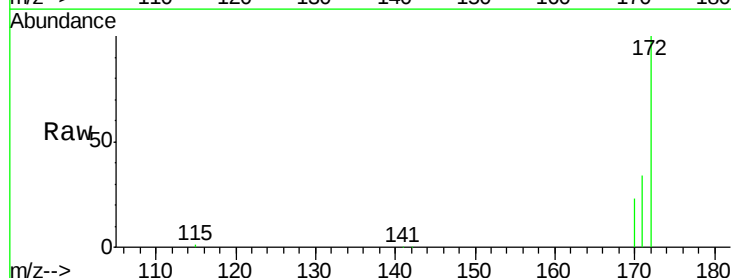


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

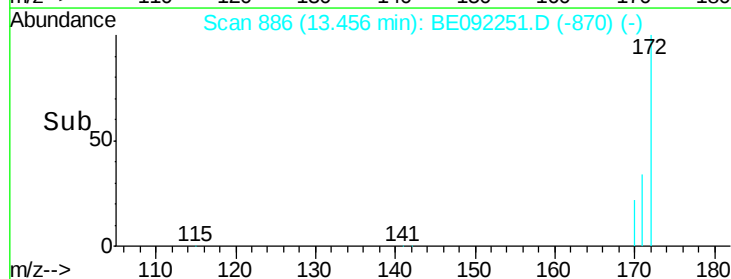
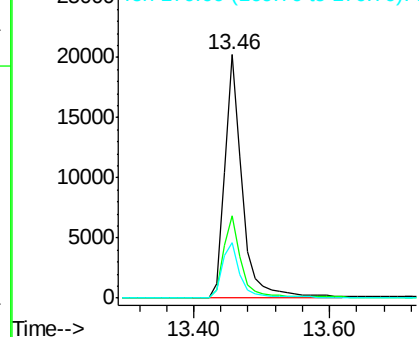


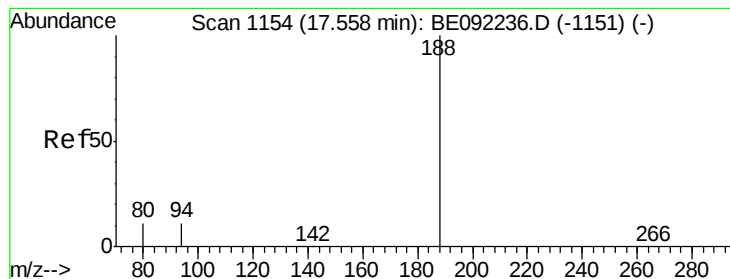
#14
 2-Fluorobiphenyl
 Concen: 3.70 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092251.D
 Acq: 10 Aug 2016 12:54

Tgt Ion:172 Resp: 36588
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.8 40.2
 170 22.5 17.8 26.6



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: 17.56 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160725

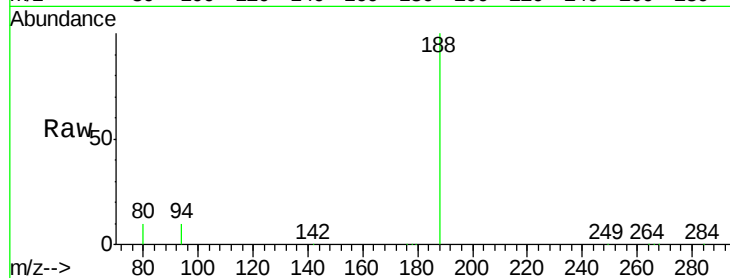
Tgt Ion:188 Resp: 79142

Ion Ratio Lower Upper

188 100

94 10.4 9.2 13.8

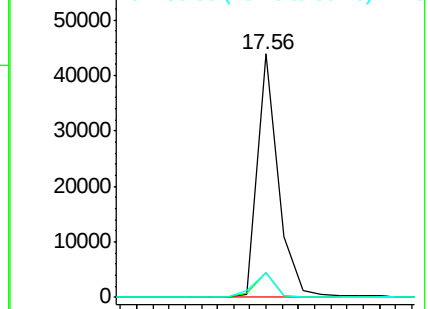
80 10.0 9.1 13.7



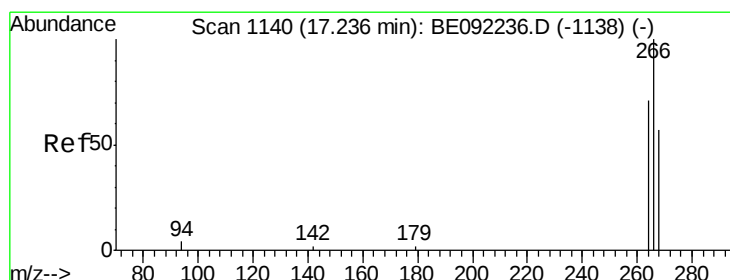
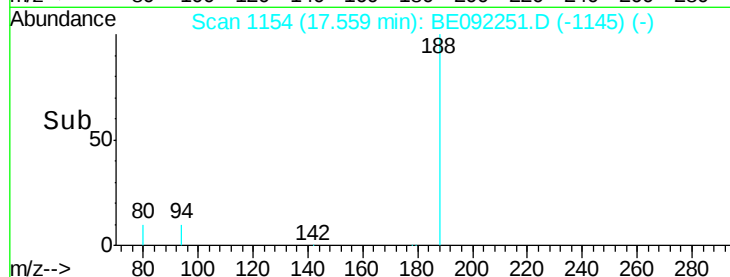
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time--> 17.40 17.50 17.60 17.70



#20

Pentachlorophenol

Concen: 0.16 ng

RT: 17.26 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

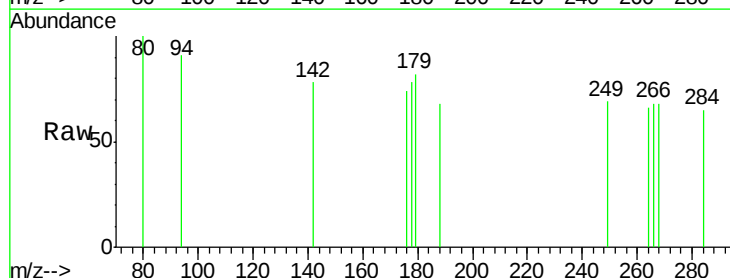
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.3 93.5#

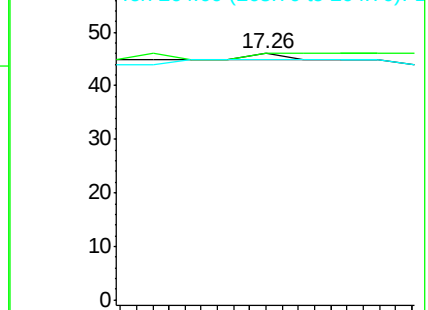
264 97.8 67.4 101.0



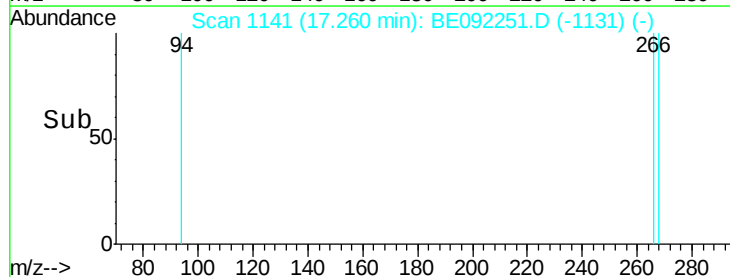
Abundance Ion 265.70 (265.40 to 266.40): E

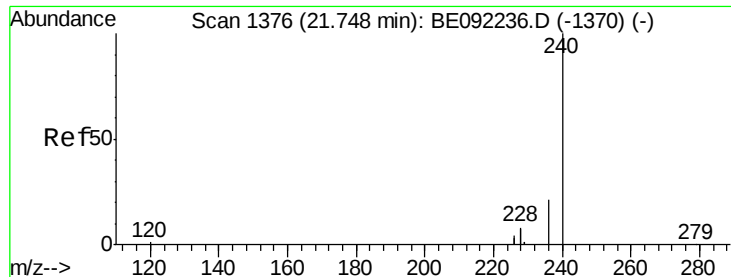
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.20 17.25 17.30





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

Instrument :

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KY038PS037-160725

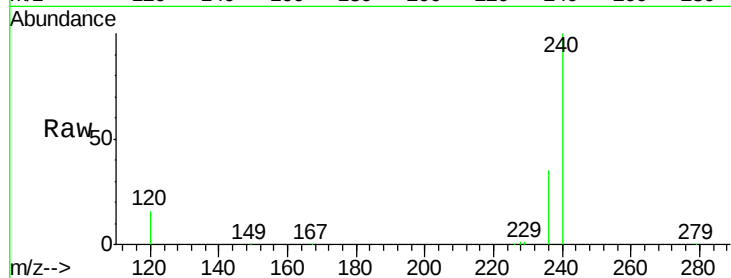
Tgt Ion:240 Resp: 81046

Ion Ratio Lower Upper

240 100

120 15.9 1.2 1.8#

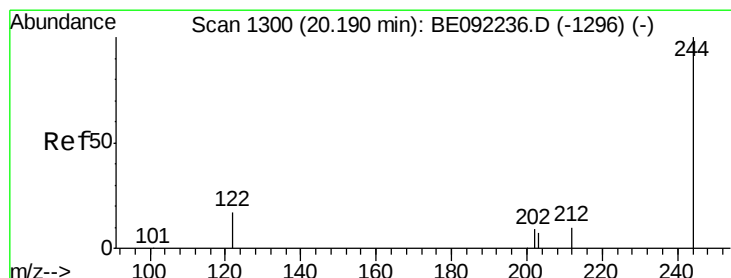
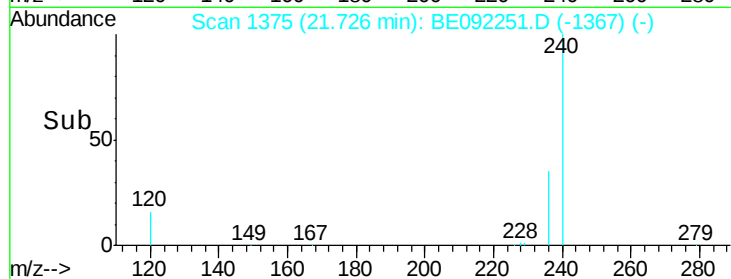
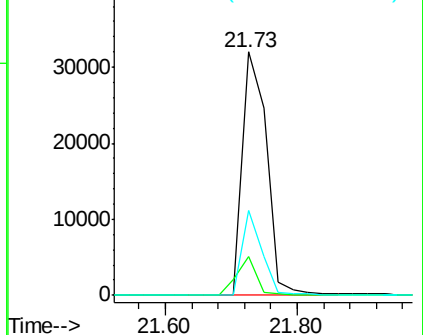
236 34.7 17.1 25.7#



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

Terphenyl-d14

Concen: 3.91 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092251.D

Acq: 10 Aug 2016 12:54

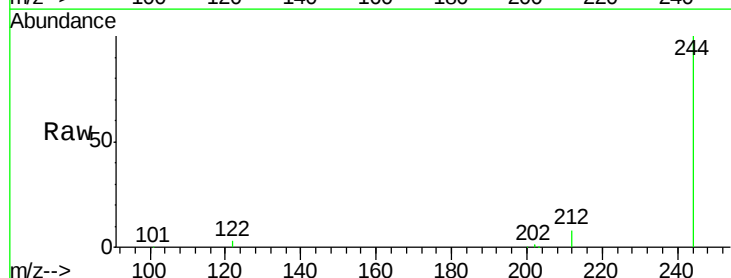
Tgt Ion:244 Resp: 53596

Ion Ratio Lower Upper

244 100

212 8.0 10.2 15.2#

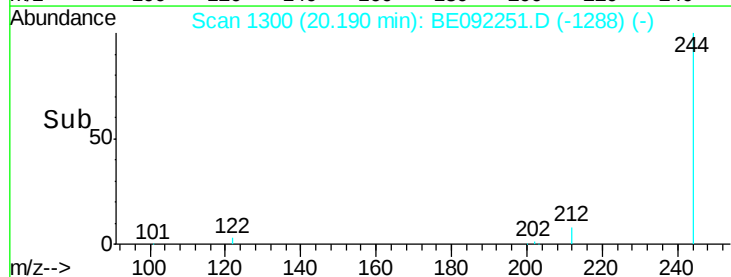
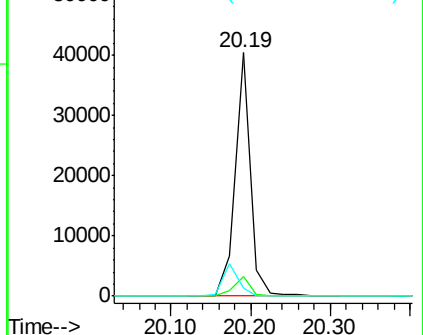
122 3.2 15.9 23.9#

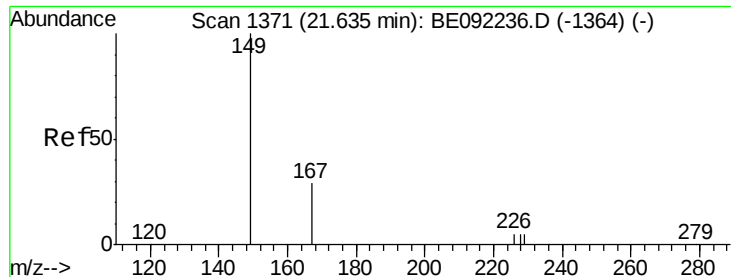


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

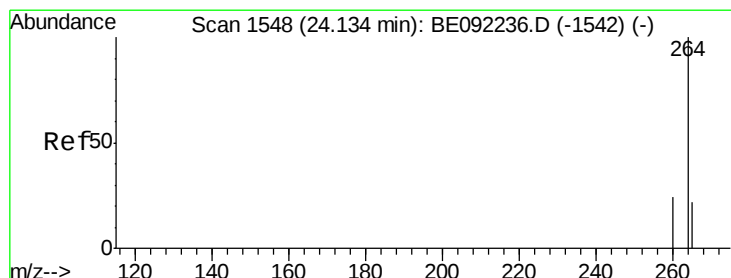
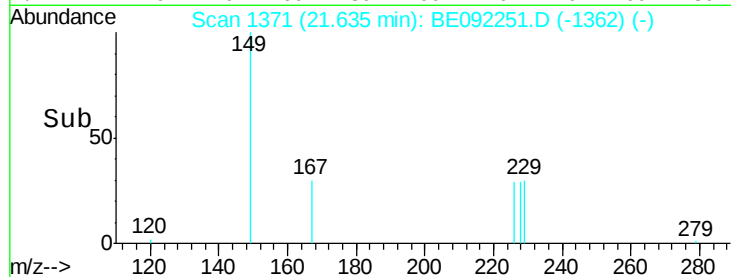
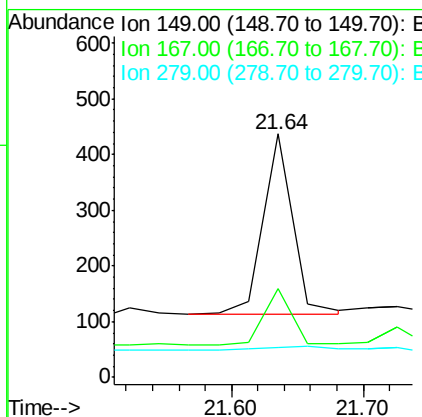
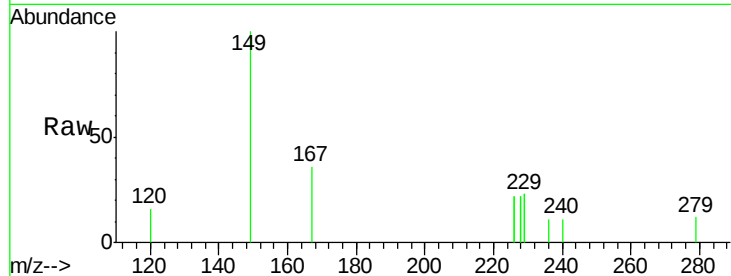




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.64 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE092251.D
 Acq: 10 Aug 2016 12:54

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160725

Tgt Ion:149 Resp: 509
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.1 33.1
 279 0.0 0.0 0.0



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092251.D
 Acq: 10 Aug 2016 12:54

Tgt Ion:264 Resp: 87624
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.6 18.2 27.4

