

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092253.D
 Acq On : 10 Aug 2016 14:05
 Operator : UM/SJ
 Sample : H4383-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1-080416

Quant Time: Aug 11 01:03:56 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

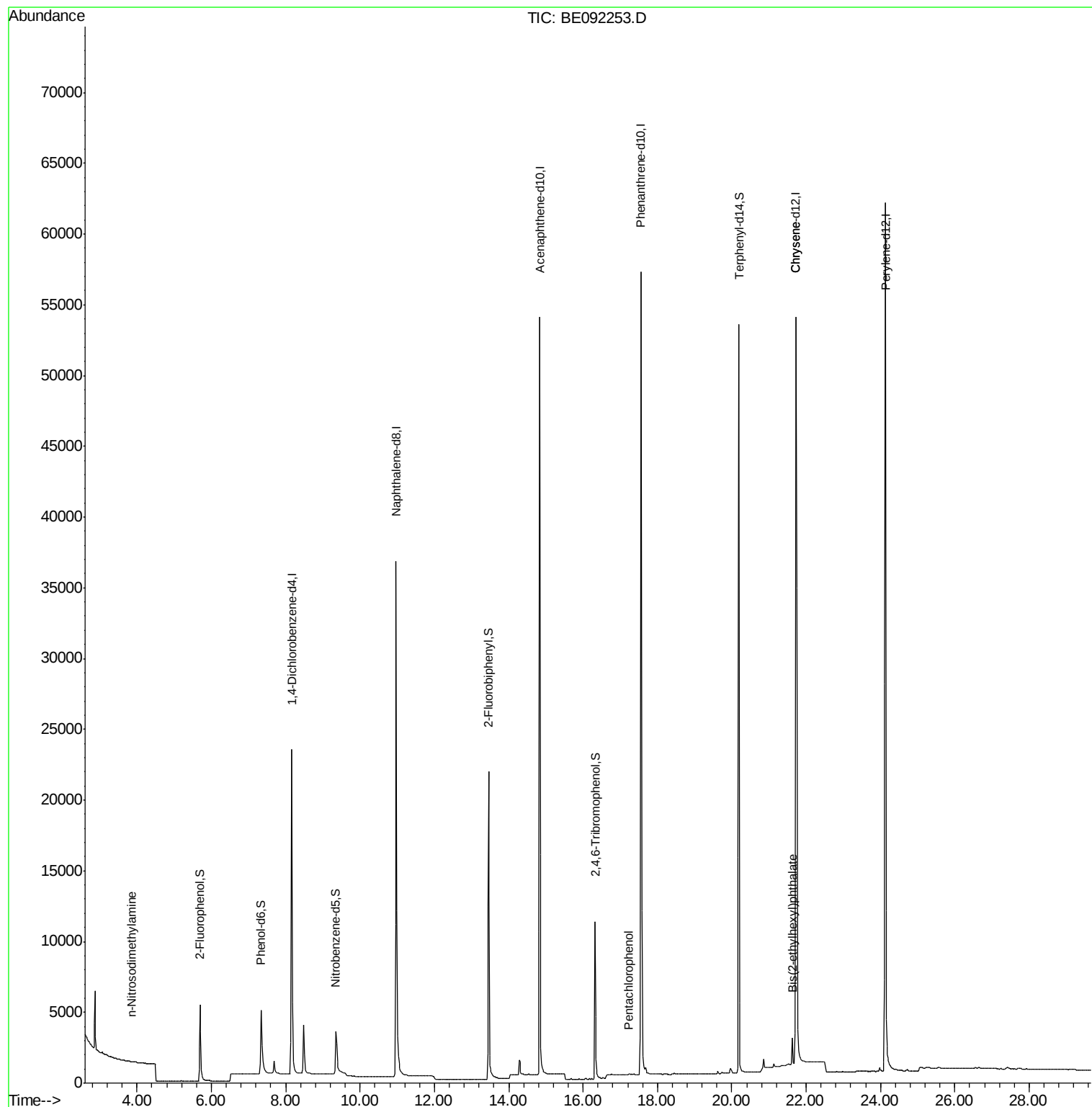
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12982	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	58872	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	33394	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	82856	5.00	ng	0.00
24) Chrysene-d12	21.73	240	87857	5.00	ng	-0.02
31) Perylene-d12	24.13	264	99064	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	5326	1.88	ng	-0.01
5) Phenol-d6	7.34	99	7470	1.83	ng	-0.02
8) Nitrobenzene-d5	9.34	82	4940	1.19	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	9133	7.03	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	25988	2.52	ng	-0.01
26) Terphenyl-d14	20.19	244	61730	4.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.55	88	11	Below Cal	#	18
3) n-Nitrosodimethylamine	3.85	42	10	0.16 ng	#	16
20) Pentachlorophenol	17.24	266	28	0.19 ng	#	86
28) Chrysene	21.73	228	1970	0.02 ng	#	73
29) Bis(2-ethylhexyl)phthalate	21.63	149	2232	0.36 ng	#	97

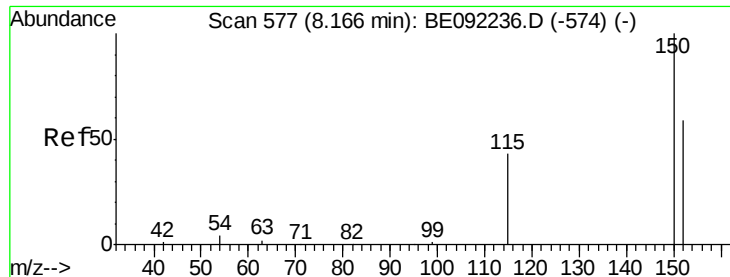
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092253.D

Acq: 10 Aug 2016 14:05

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BNA_E

ClientSampleId :

MW-1-080416

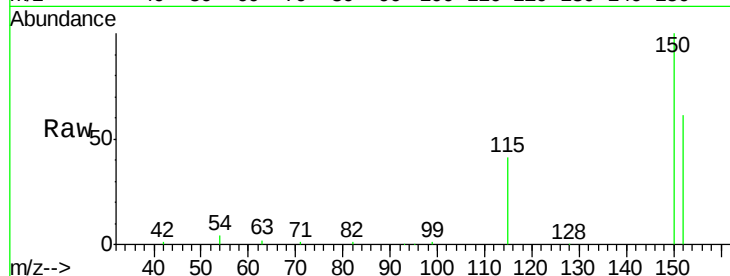
Tgt Ion:152 Resp: 12982

Ion Ratio Lower Upper

152 100

150 163.3 135.6 203.4

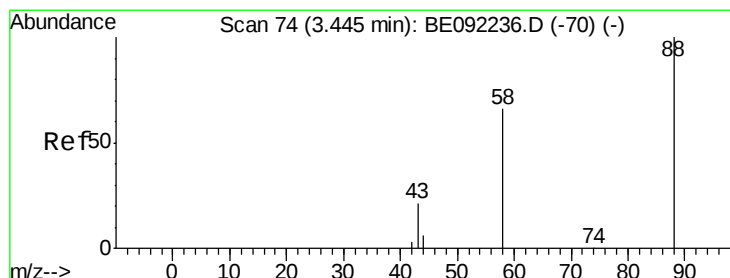
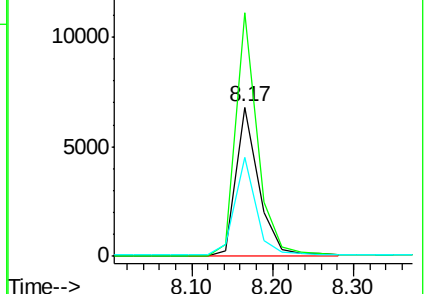
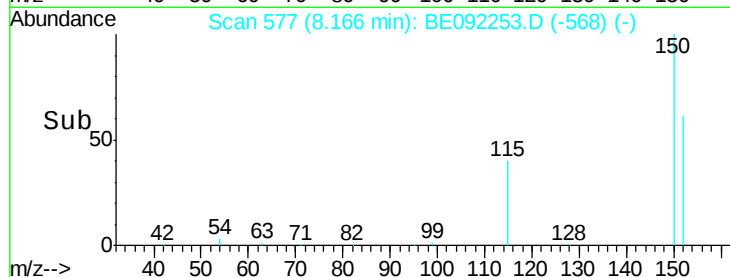
115 66.4 59.4 89.0



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: 3.55 min Scan# 83

Delta R.T. 0.11 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

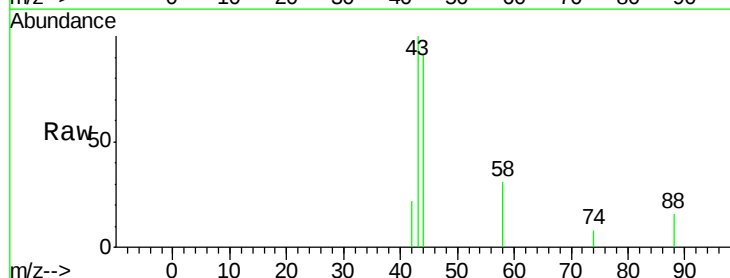
Tgt Ion: 88 Resp: 11

Ion Ratio Lower Upper

88 100

58 0.0 64.4 96.6#

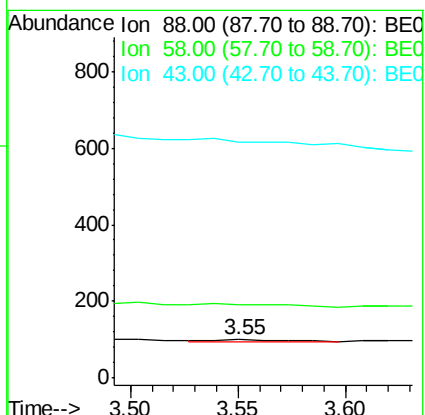
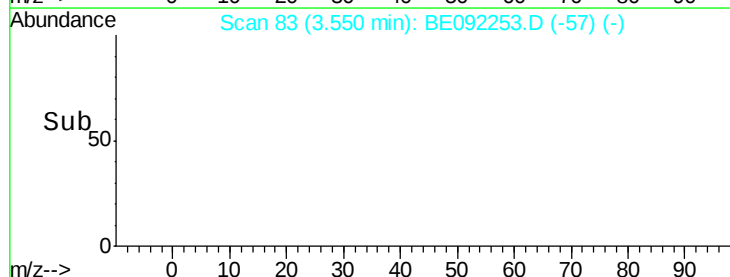
43 0.0 33.4 50.2#

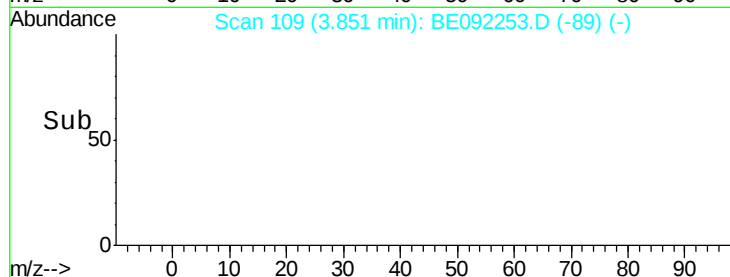
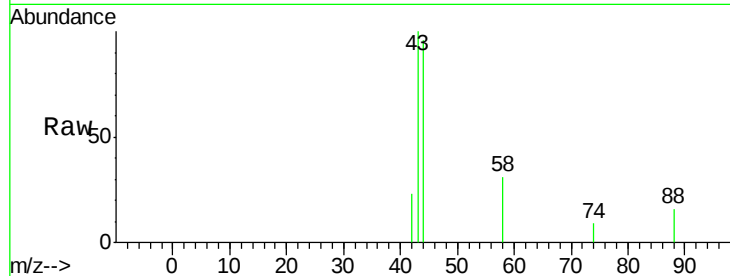
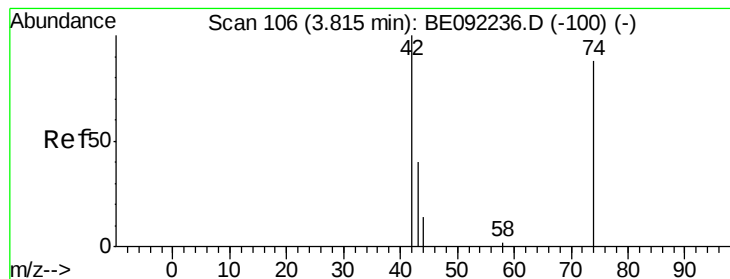


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.85 min Scan# 109

Delta R.T. 0.04 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

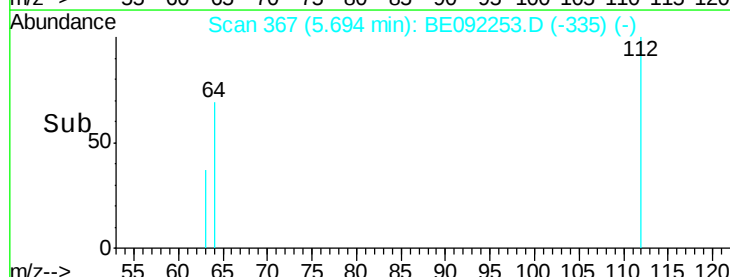
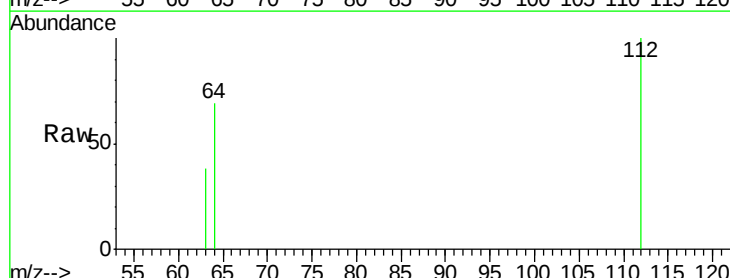
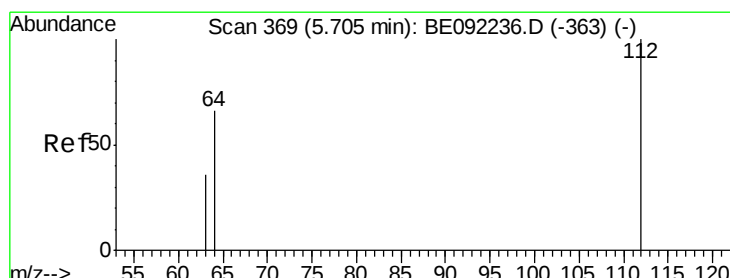
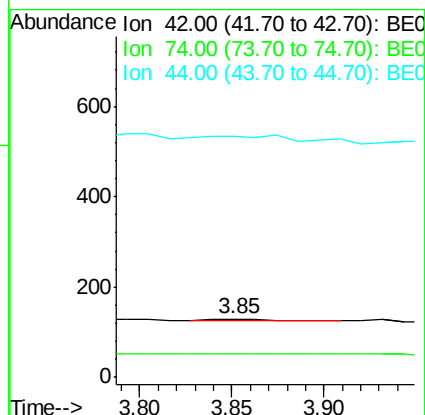
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 10.0 77.2 115.8#

44 0.0 5.0 7.4#



#4

2-Fluorophenol

Concen: 1.88 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

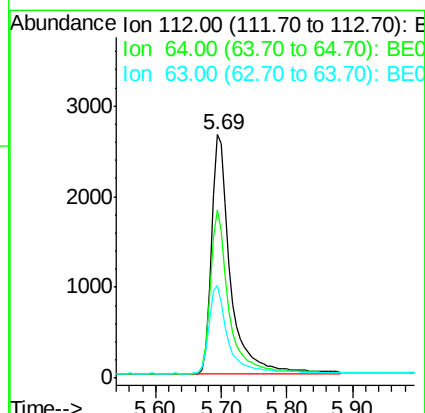
Tgt Ion: 112 Resp: 5326

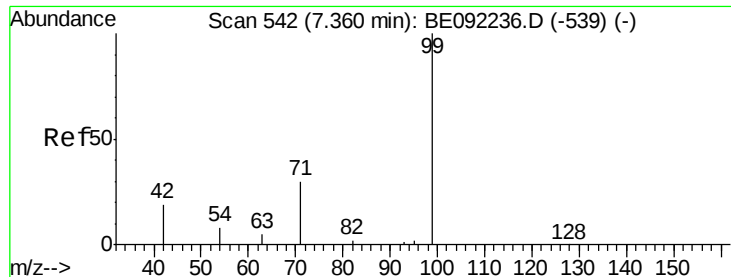
Ion Ratio Lower Upper

112 100

64 66.7 53.2 79.8

63 36.8 27.4 41.2





#5

Phenol-d6

Concen: 1.83 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

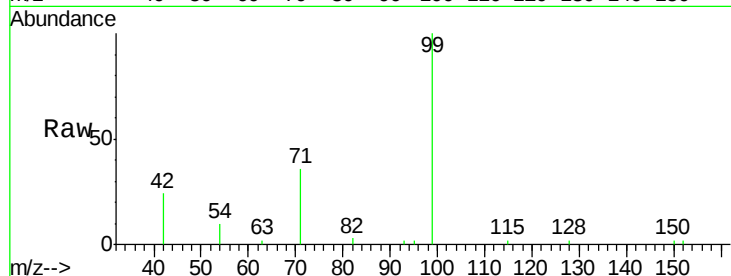
Tgt Ion: 99 Resp: 7470

Ion Ratio Lower Upper

99 100

42 25.0 0.0 0.0#

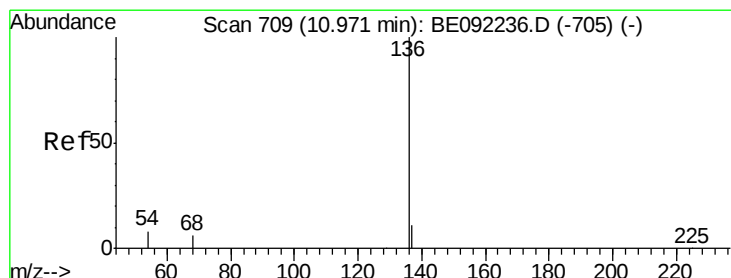
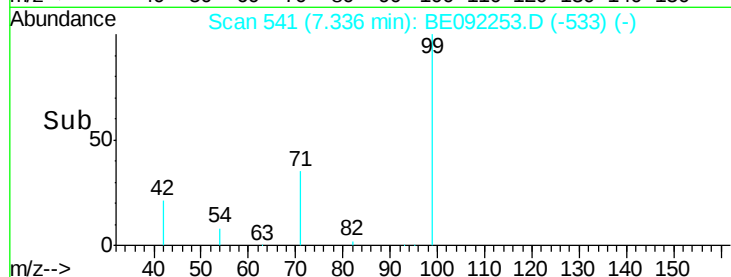
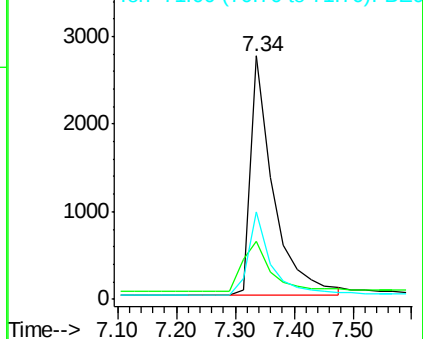
71 34.1 29.8 44.8



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: BE092253.D

Acq: 10 Aug 2016 14:05

Tgt Ion: 136 Resp: 58872

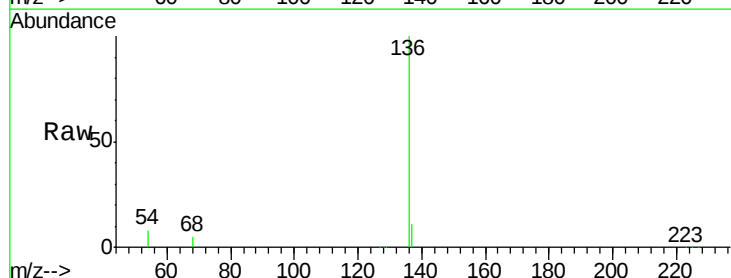
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 6.2 9.4

68 5.5 4.6 6.8

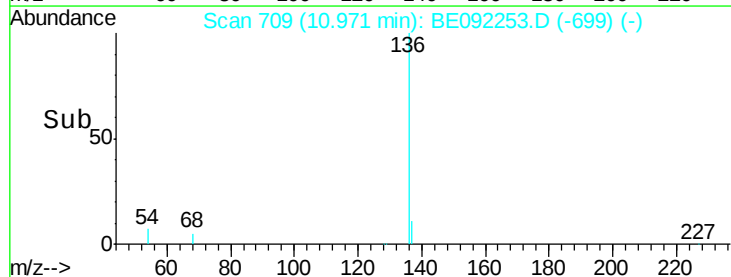
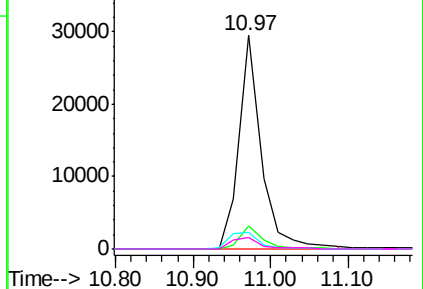


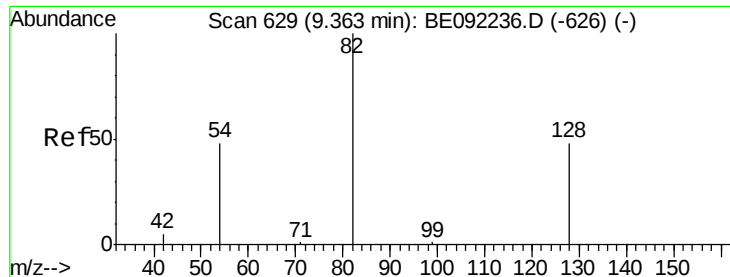
Abundance Ion 136.00 (135.70 to 136.70): E

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

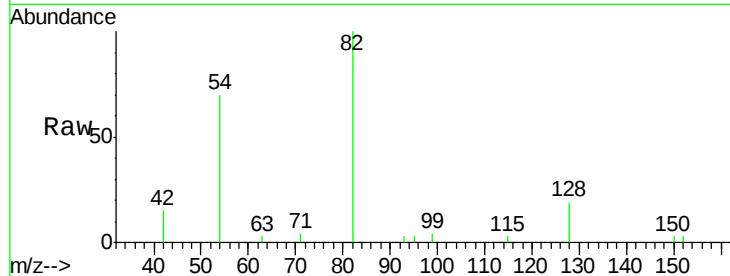




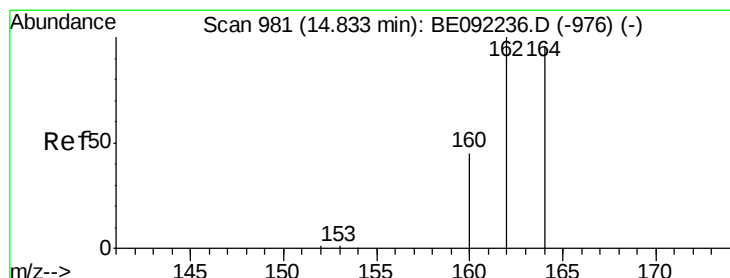
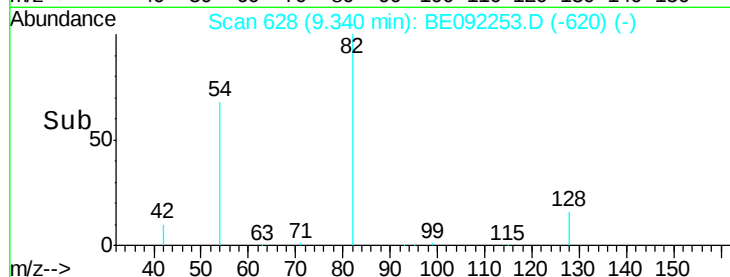
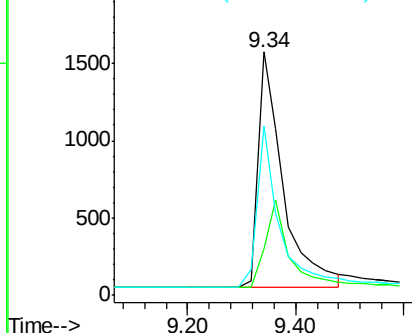
#8
 Nitrobenzene-d5
 Concen: 1.19 ng
 RT: 9.34 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BE092253.D
 Acq: 10 Aug 2016 14:05

Instrument :
 BNA_E
 ClientSampleId :
 MW-1-080416

Tgt Ion: 82 Resp: 4940
 Ion Ratio Lower Upper
 82 100
 128 19.1 45.0 67.4#
 54 69.5 45.4 68.2#

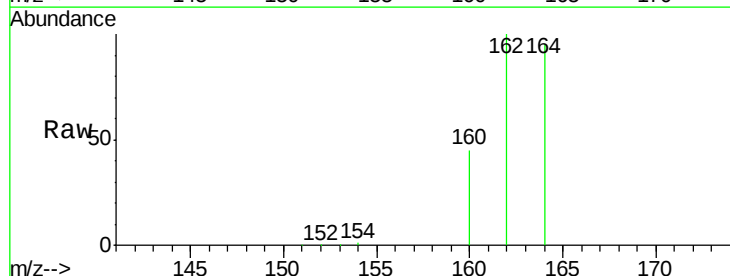


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

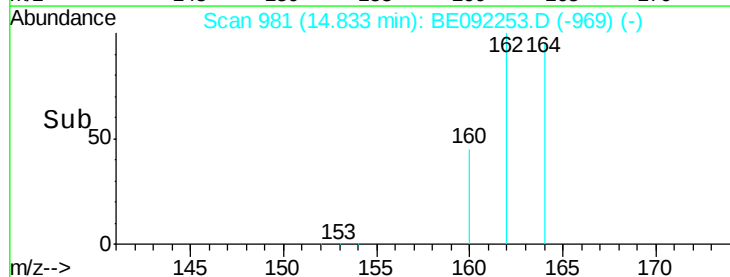
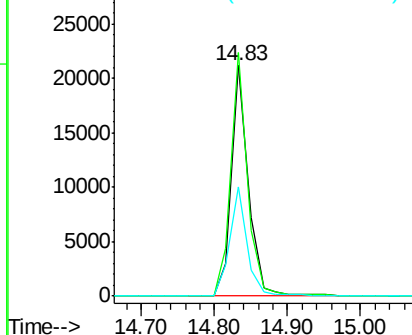


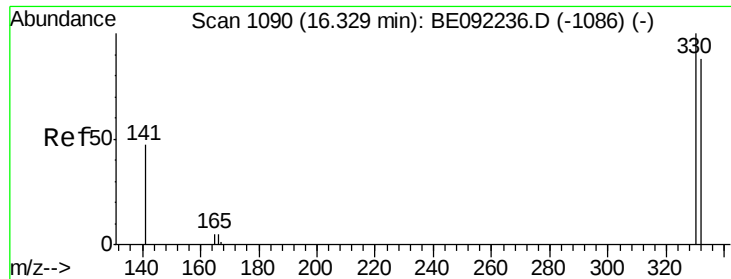
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.83 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BE092253.D
 Acq: 10 Aug 2016 14:05

Tgt Ion: 164 Resp: 33394
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.3 124.9
 160 47.5 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

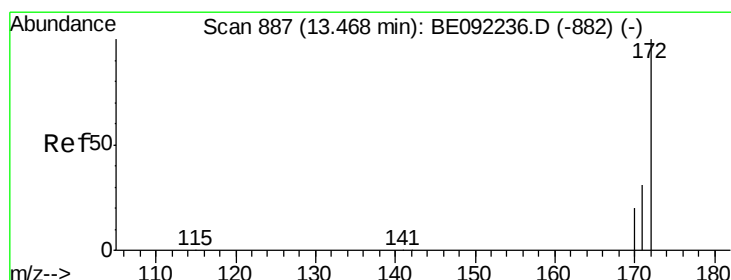
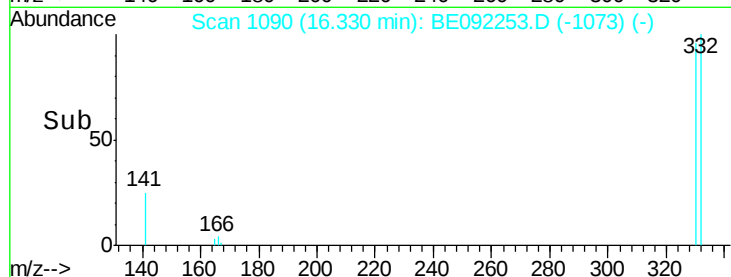
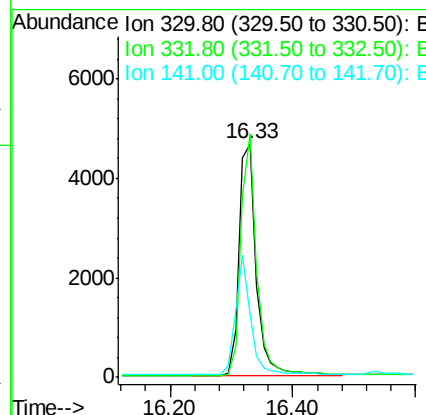
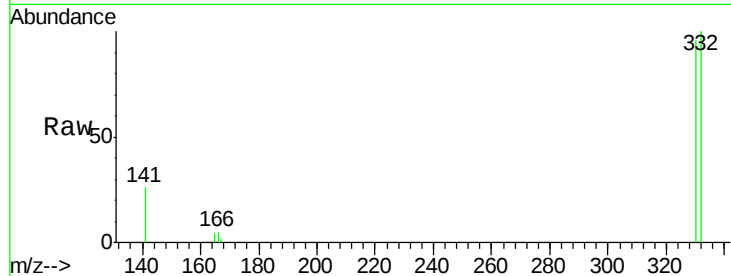




#13
 2,4,6-Tribromophenol
 Concen: 7.03 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092253.D
 Acq: 10 Aug 2016 14:05

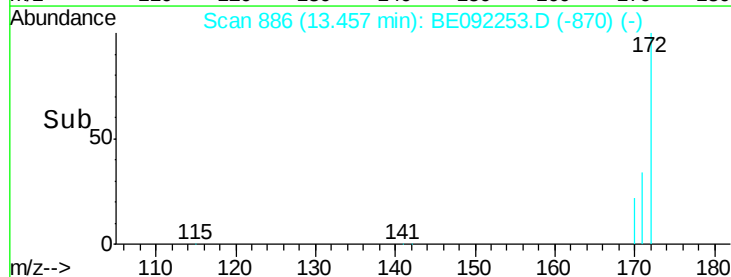
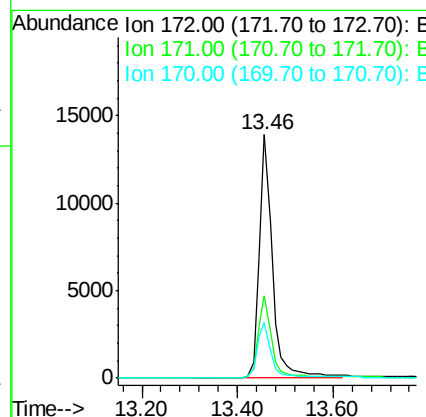
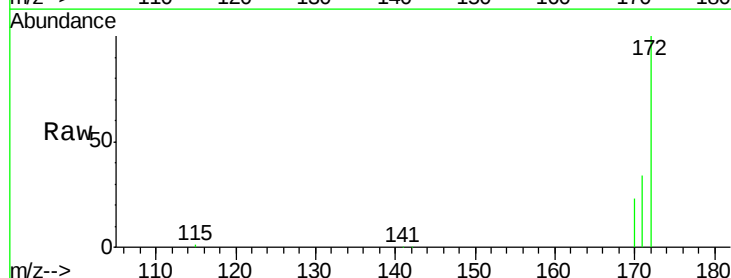
Instrument :
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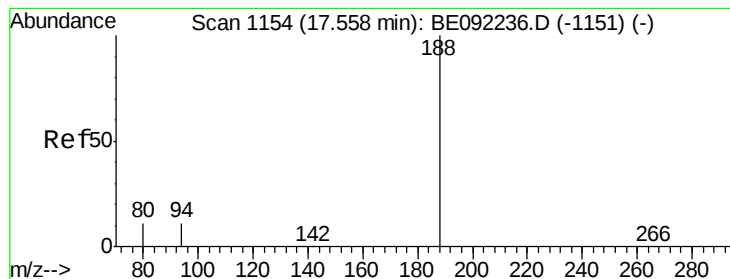
Tgt Ion: 330 Resp: 9133
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 45.2 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 2.52 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092253.D
 Acq: 10 Aug 2016 14:05

Tgt Ion: 172 Resp: 25988
 Ion Ratio Lower Upper
 172 100
 171 34.1 26.8 40.2
 170 22.5 17.8 26.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

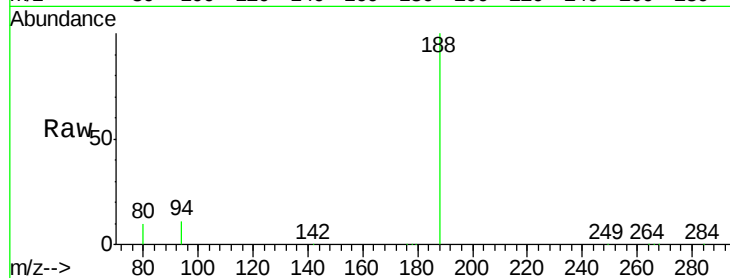
Tgt Ion:188 Resp: 82856

Ion Ratio Lower Upper

188 100

94 10.8 9.2 13.8

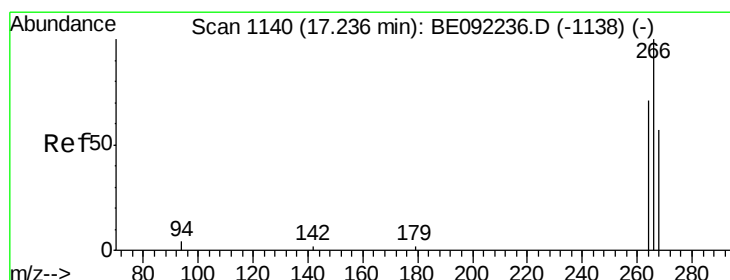
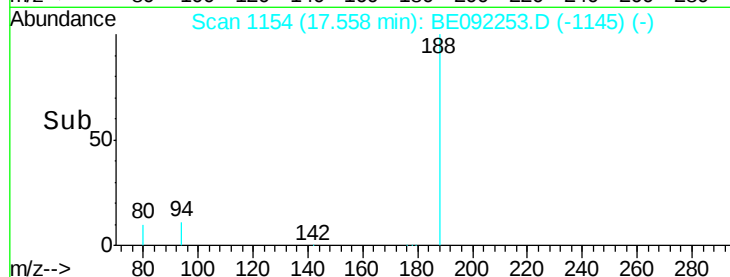
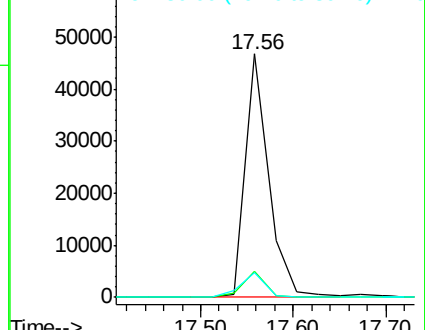
80 10.4 9.1 13.7



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



#20

Pentachlorophenol

Concen: 0.19 ng

RT: 17.24 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

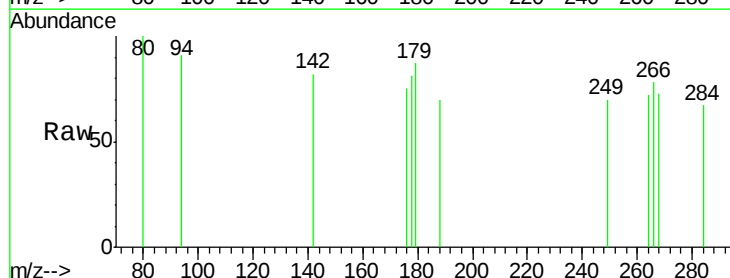
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

268 94.2 62.3 93.5#

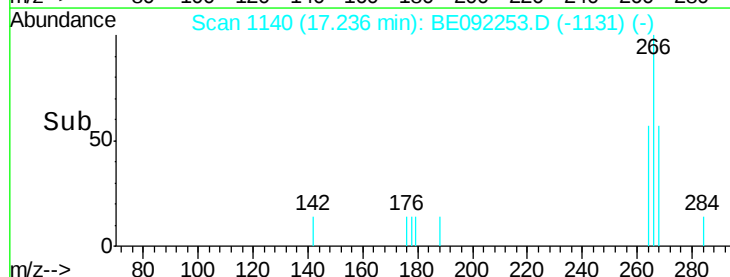
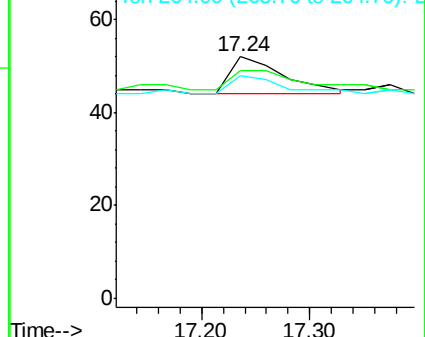
264 92.3 67.4 101.0

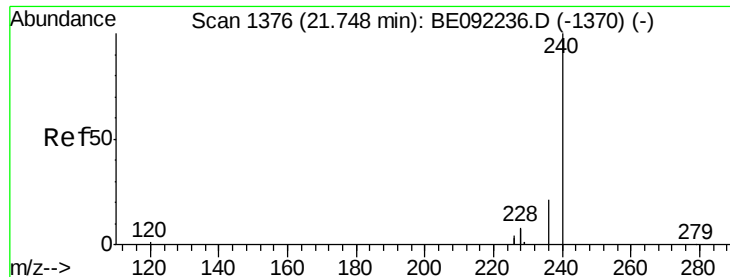


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

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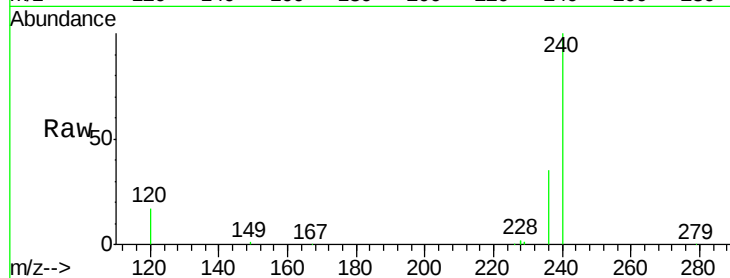
Tgt Ion:240 Resp: 87857

Ion Ratio Lower Upper

240 100

120 16.8 1.2 1.8#

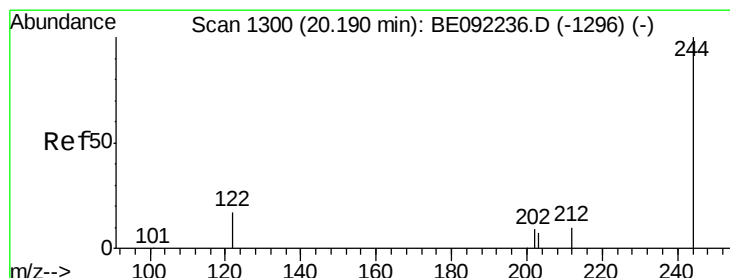
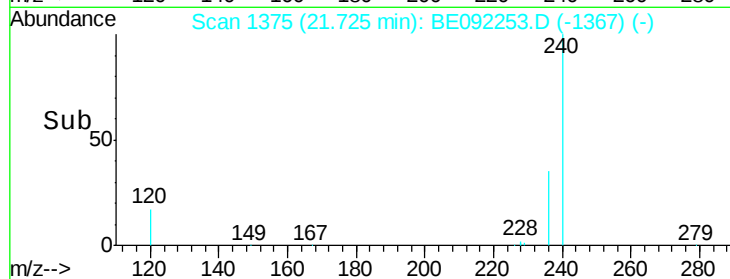
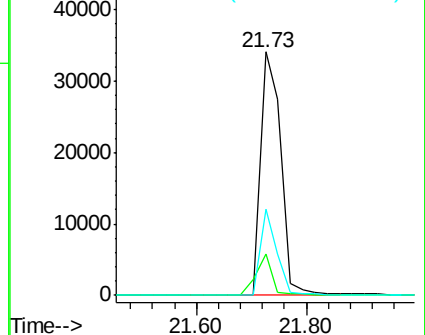
236 35.4 17.1 25.7#



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: 4.16 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

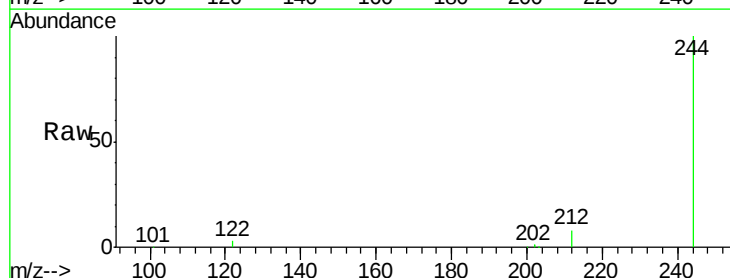
Tgt Ion:244 Resp: 61730

Ion Ratio Lower Upper

244 100

212 7.9 10.2 15.2#

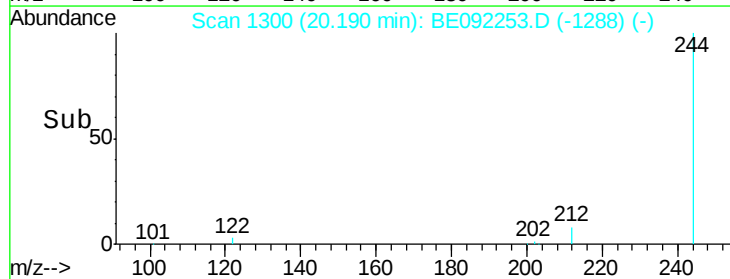
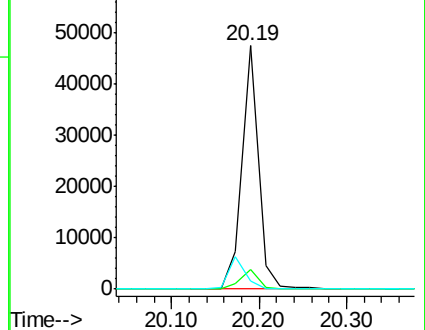
122 3.2 15.9 23.9#

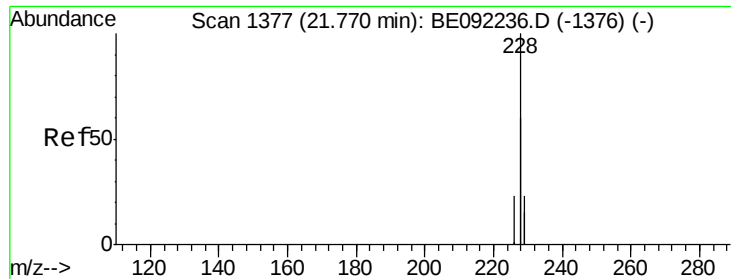


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Chrysene

Concen: 0.02 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.05 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

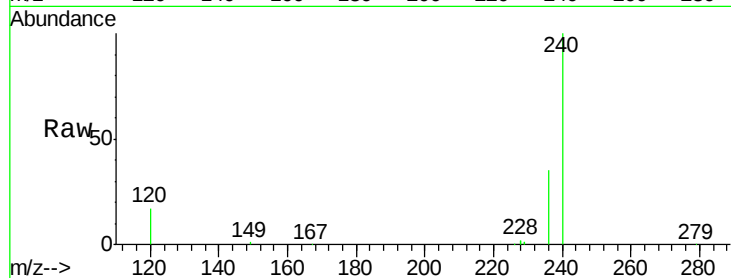
Tgt Ion:228 Resp: 1970

Ion Ratio Lower Upper

228 100

226 28.3 18.3 27.5#

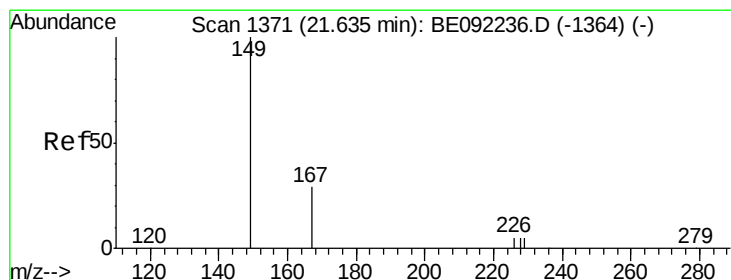
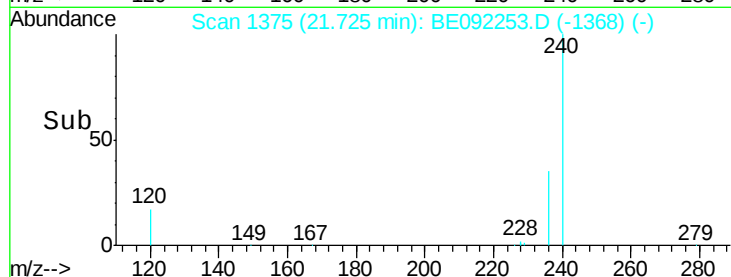
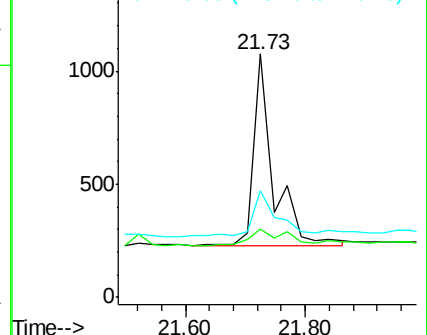
229 43.9 18.6 27.8#



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

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

RT: 21.63 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

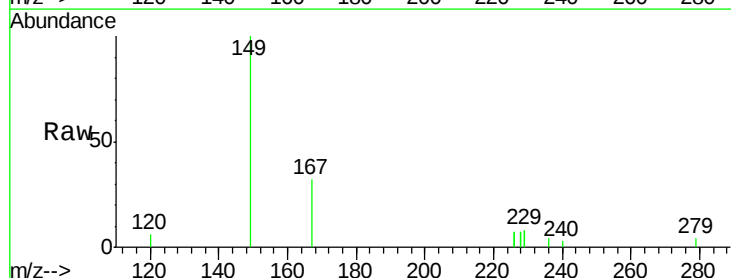
Tgt Ion:149 Resp: 2232

Ion Ratio Lower Upper

149 100

167 29.2 22.1 33.1

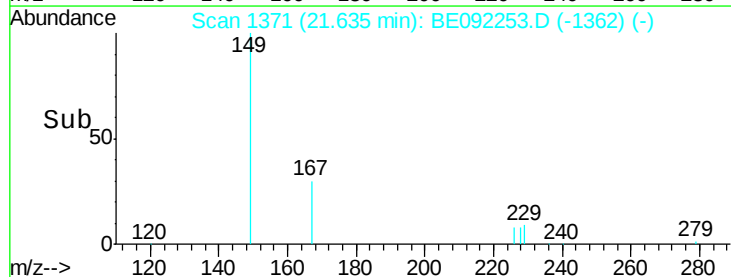
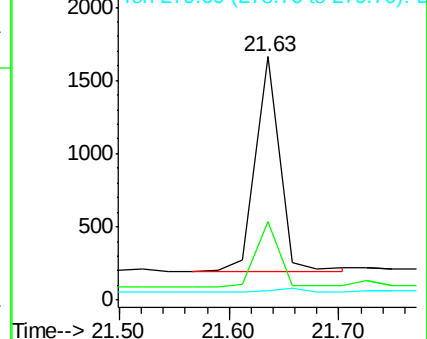
279 0.0 0.0 0.0

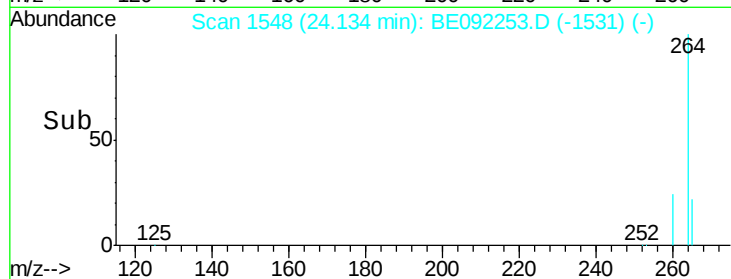
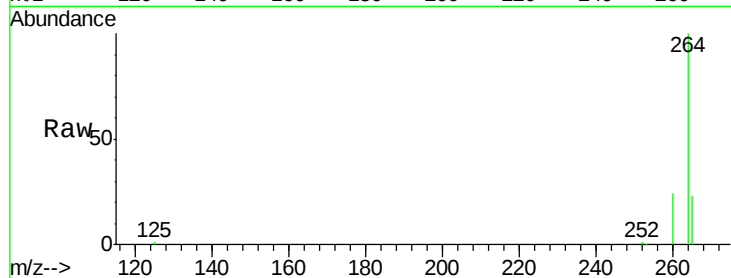
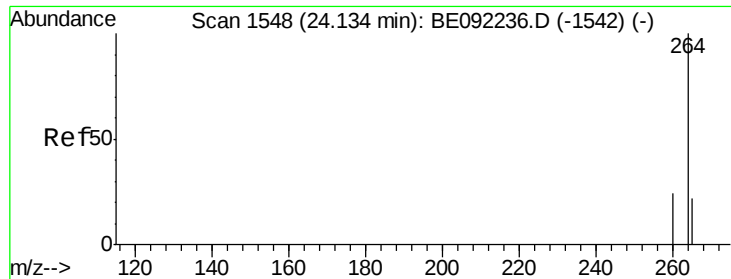


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.13 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BE092253.D

Acq: 10 Aug 2016 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

Tgt Ion: 264 Resp: 99064

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.6 18.2 27.4

