

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092255.D
 Acq On : 10 Aug 2016 15:20
 Operator : UM/SJ
 Sample : H4383-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3-080416

Quant Time: Aug 11 01:04:16 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

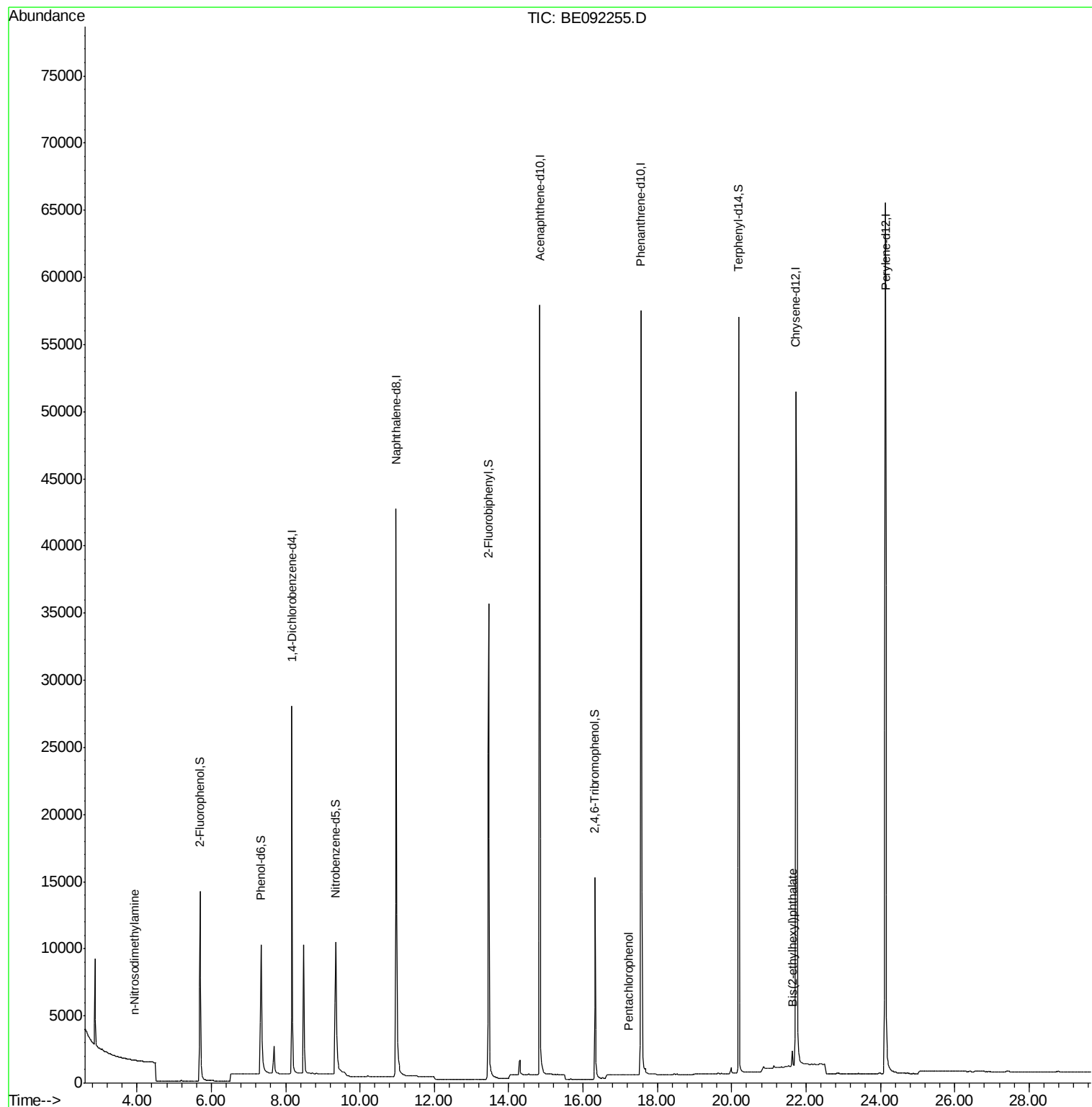
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	15021	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	66125	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	35734	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	85340	5.00	ng	0.00
24) Chrysene-d12	21.73	240	91106	5.00	ng	-0.02
31) Perylene-d12	24.13	264	101181	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	12230	3.72	ng	-0.01
5) Phenol-d6	7.34	99	14395	3.05	ng	-0.02
8) Nitrobenzene-d5	9.34	82	13643	2.92	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	10745	7.71	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	41186	3.73	ng	-0.01
26) Terphenyl-d14	20.19	244	65244	4.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.56	88	5	Below Cal	#	18
3) n-Nitrosodimethylamine	3.93	42	15	0.16 ng	#	6
20) Pentachlorophenol	17.24	266	12	0.17 ng	#	80
29) Bis(2-ethylhexyl)phthalate	21.63	149	1425	0.31 ng	#	98

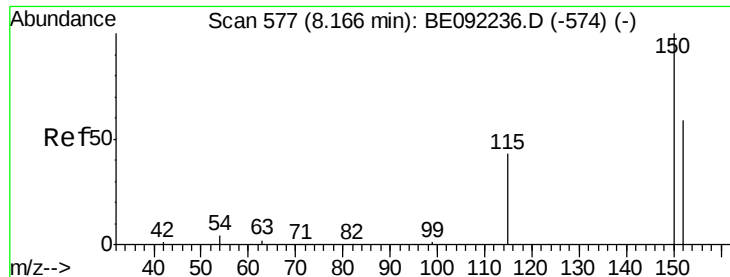
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092255.D

Acq: 10 Aug 2016 15:20

Instrument :

BNA_E

ClientSampleId :

MW-3-080416

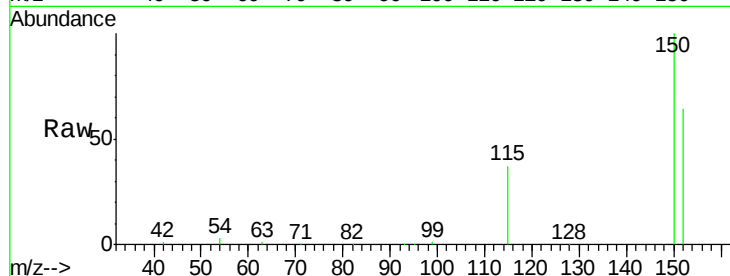
Tgt Ion:152 Resp: 15021

Ion Ratio Lower Upper

152 100

150 155.3 135.6 203.4

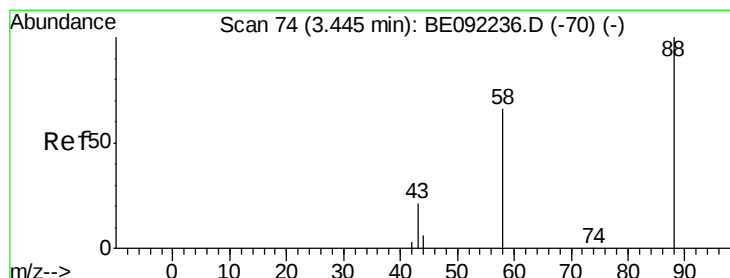
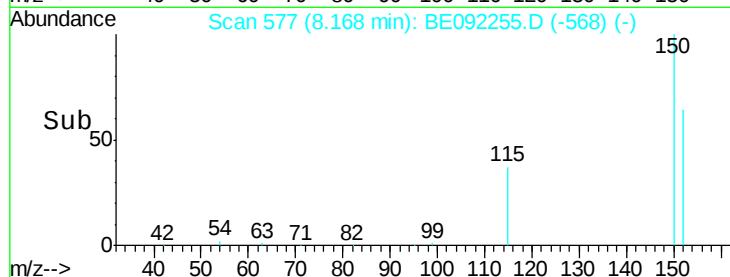
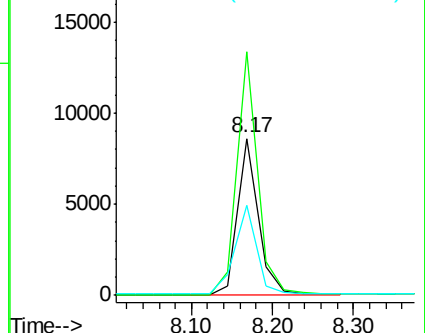
115 57.6 59.4 89.0#



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: 3.56 min Scan# 84

Delta R.T. 0.12 min

Lab File: BE092255.D

Acq: 10 Aug 2016 15:20

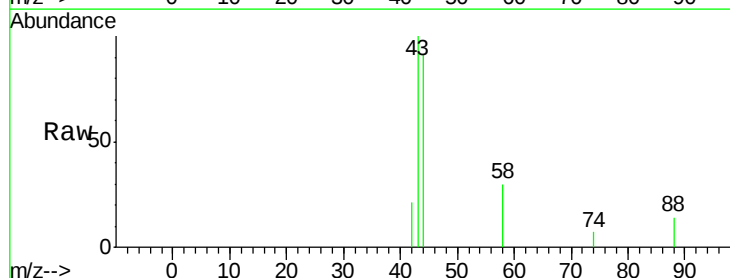
Tgt Ion: 88 Resp: 5

Ion Ratio Lower Upper

88 100

58 0.0 64.4 96.6#

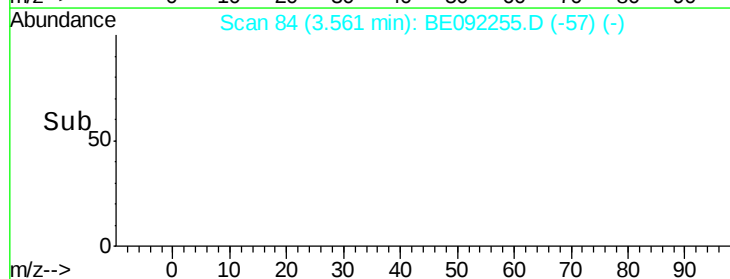
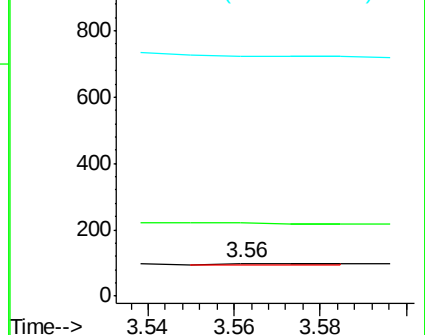
43 0.0 33.4 50.2#

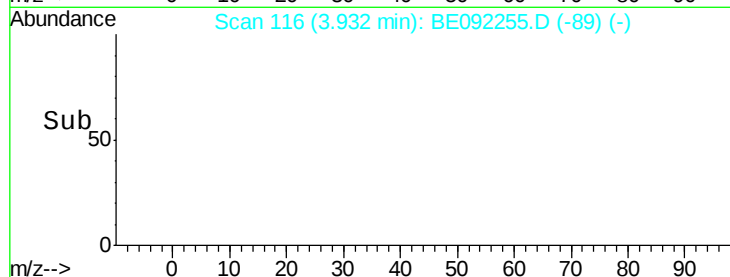
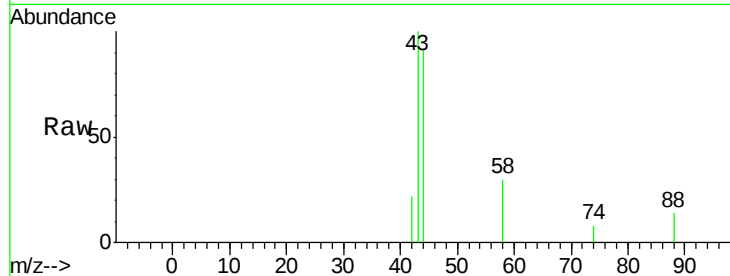
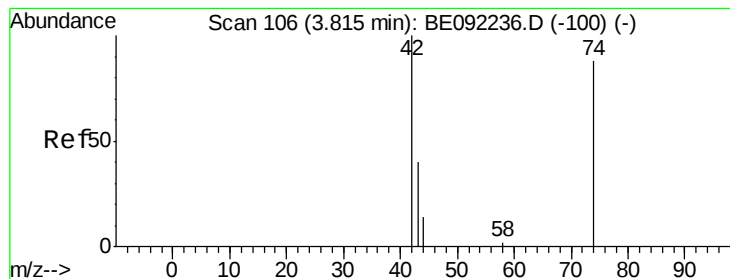


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.93 min Scan# 116

Delta R.T. 0.12 min

Lab File: BE092255.D

Acq: 10 Aug 2016 15:20

Instrument :

BNA_E

ClientSampleId :

MW-3-080416

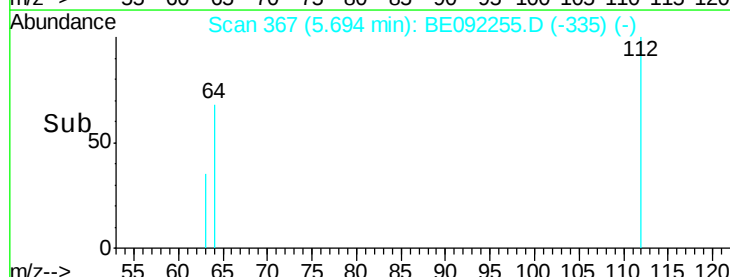
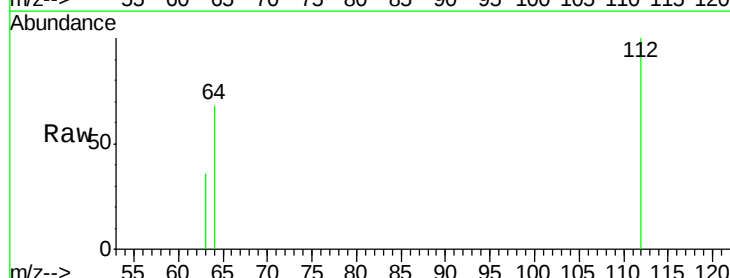
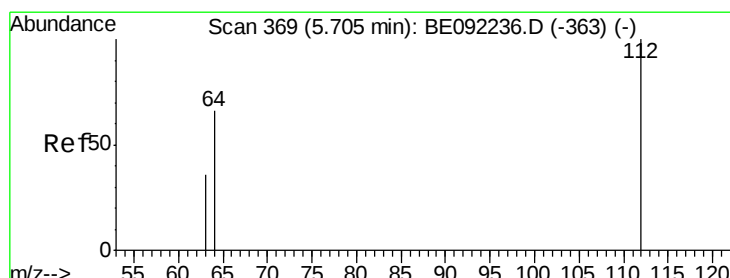
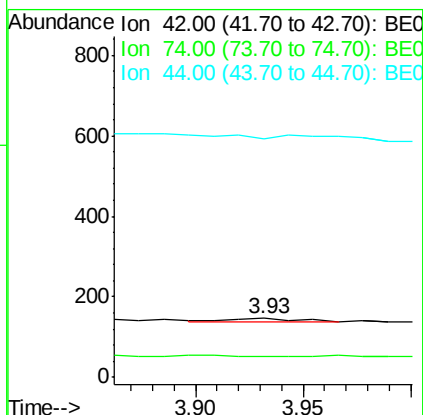
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 77.2 115.8#

44 0.0 5.0 7.4#



#4

2-Fluorophenol

Concen: 3.72 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092255.D

Acq: 10 Aug 2016 15:20

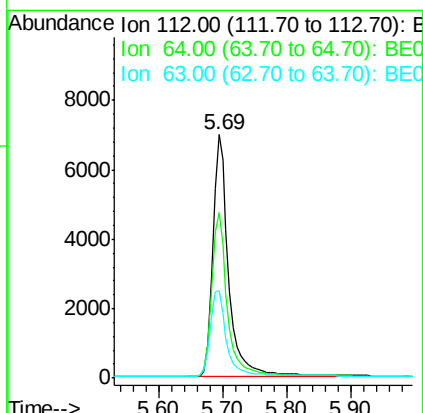
Tgt Ion: 112 Resp: 12230

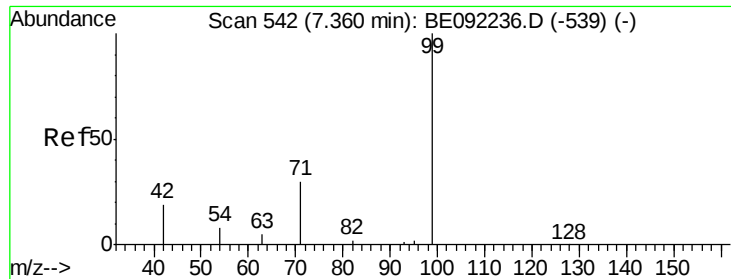
Ion Ratio Lower Upper

112 100

64 67.4 53.2 79.8

63 36.5 27.4 41.2





#5

Phenol-d6

Concen: 3.05 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092255.D

Acq: 10 Aug 2016 15:20

Instrument :

BNA_E

ClientSampleId :

MW-3-080416

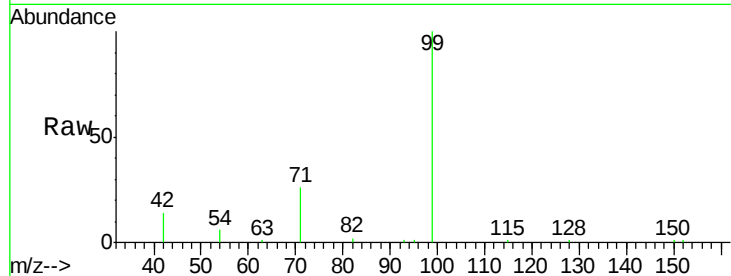
Tgt Ion: 99 Resp: 14395

Ion Ratio Lower Upper

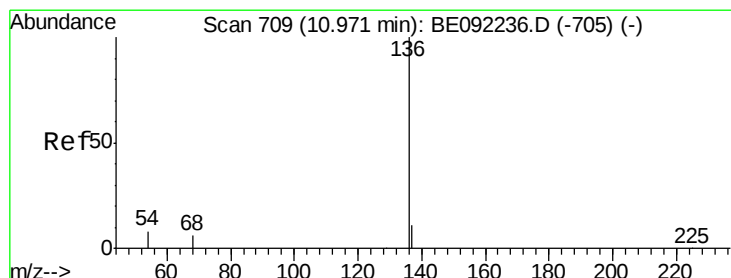
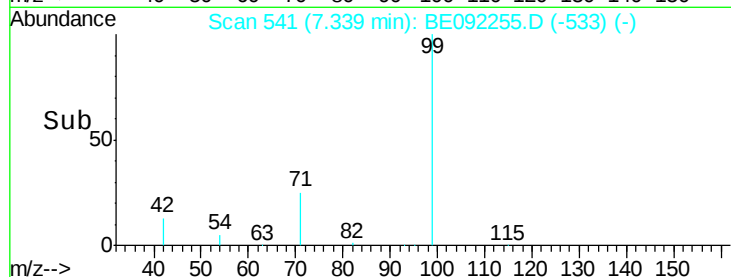
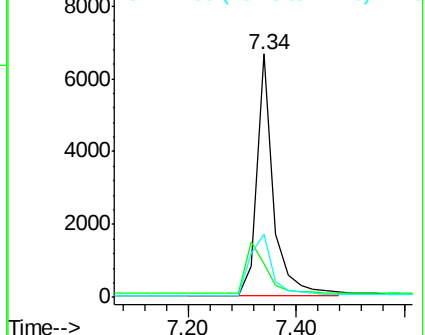
99 100

42 0.0 0.0 0.0

71 34.5 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: BE092255.D

Acq: 10 Aug 2016 15:20

Tgt Ion: 136 Resp: 66125

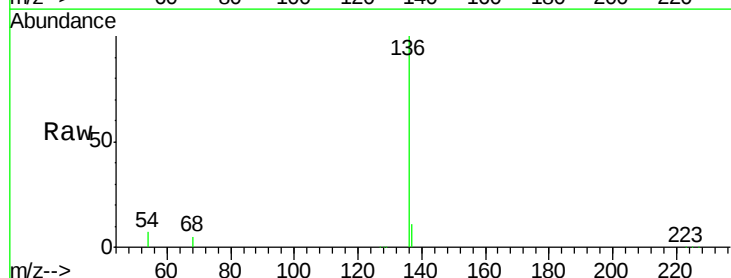
Ion Ratio Lower Upper

136 100

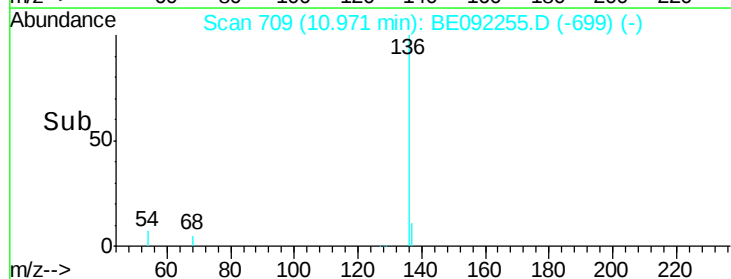
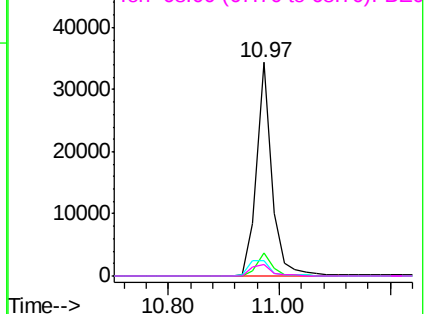
137 11.0 8.8 13.2

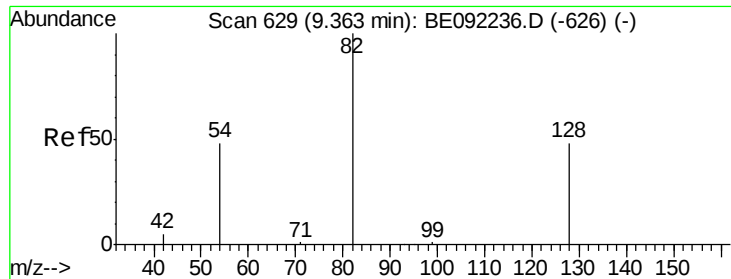
54 7.1 6.2 9.4

68 5.4 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

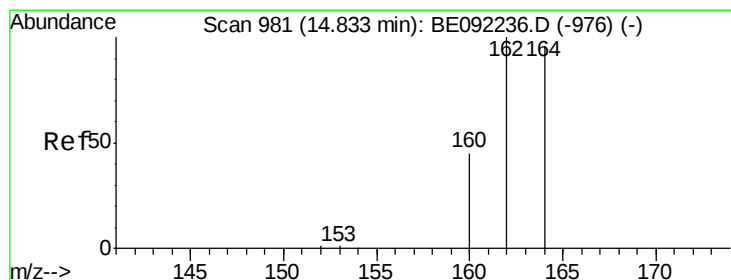
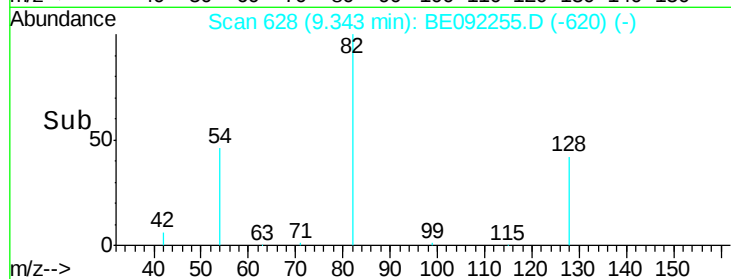
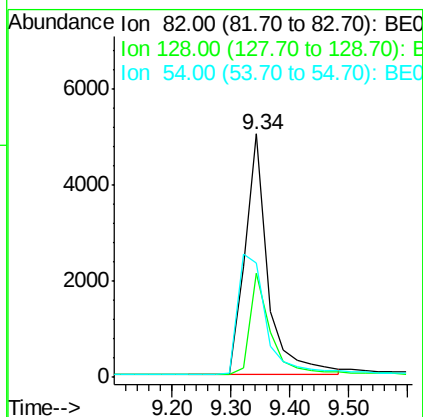
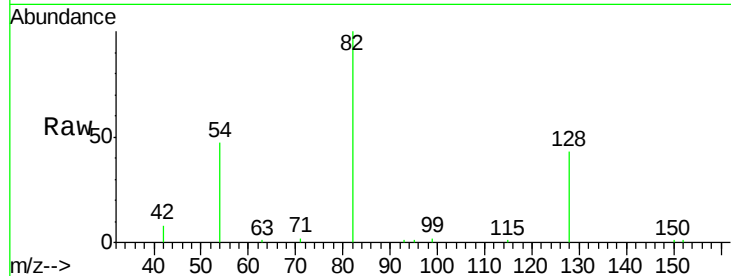




#8
 Nitrobenzene-d5
 Concen: 2.92 ng
 RT: 9.34 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

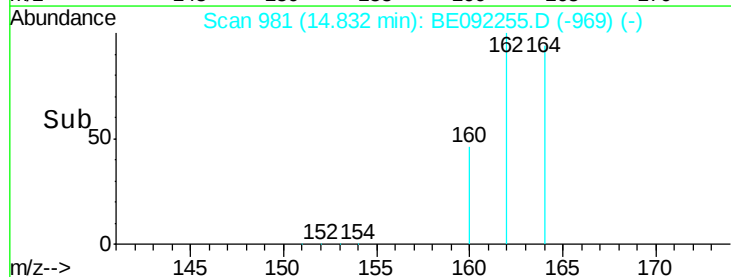
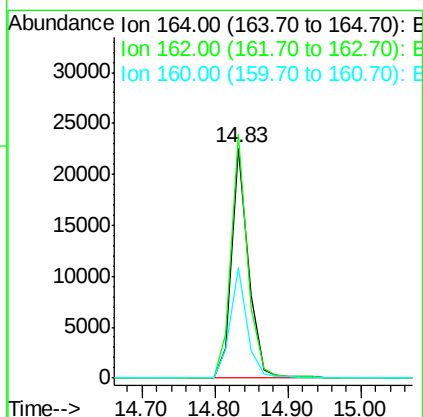
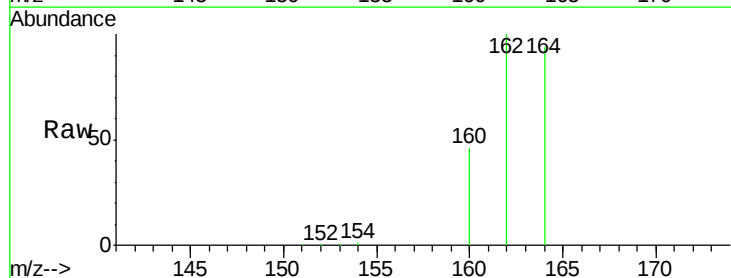
Instrument :
 BNA_E
 ClientSampleId :
 MW-3-080416

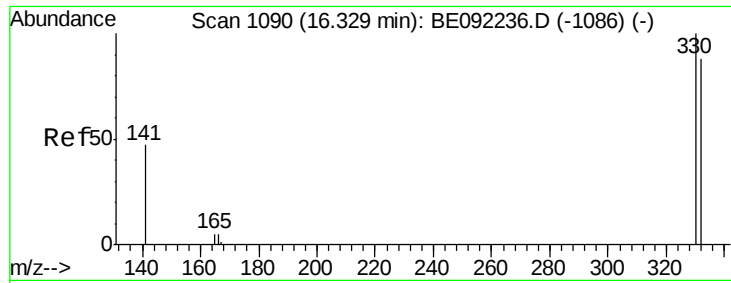
Tgt Ion: 82 Resp: 13643
 Ion Ratio Lower Upper
 82 100
 128 42.6 45.0 67.4#
 54 47.0 45.4 68.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.83 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

Tgt Ion: 164 Resp: 35734
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.3 124.9
 160 48.4 38.0 57.0

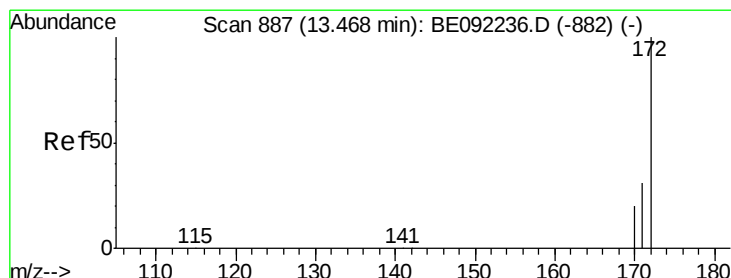
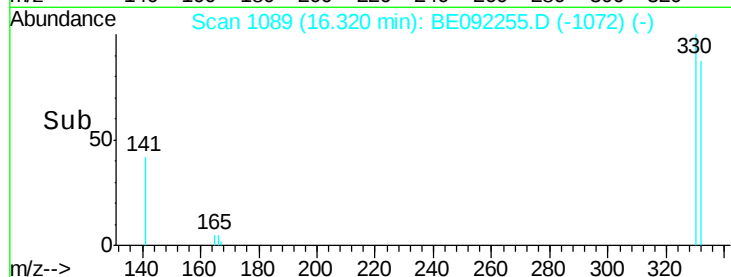
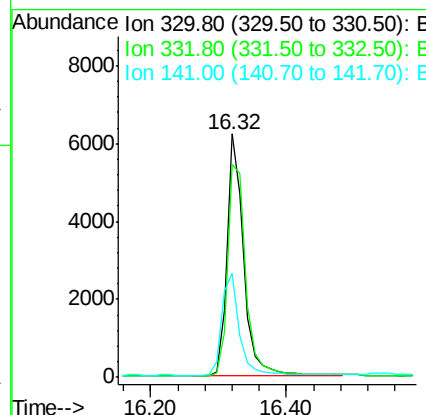
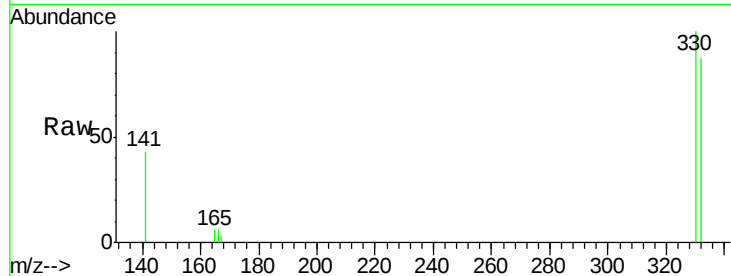




#13
 2,4,6-Tribromophenol
 Concen: 7.71 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

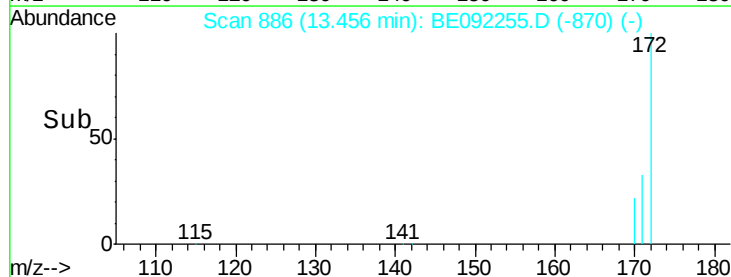
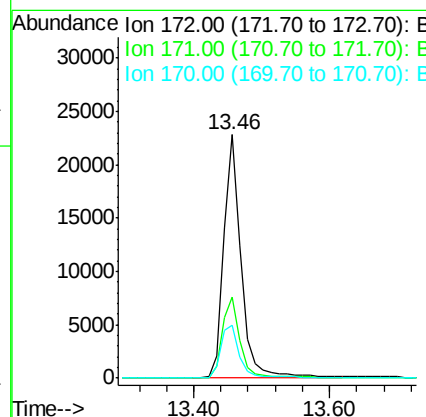
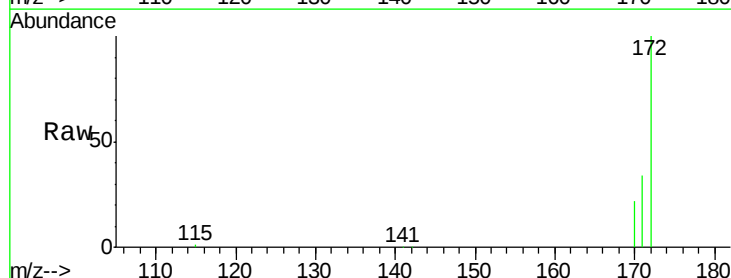
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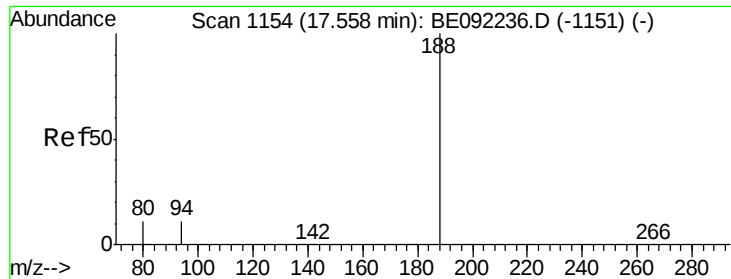
Tgt Ion: 330 Resp: 10745
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 44.8 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.73 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

Tgt Ion: 172 Resp: 41186
 Ion Ratio Lower Upper
 172 100
 171 33.5 26.8 40.2
 170 21.8 17.8 26.6

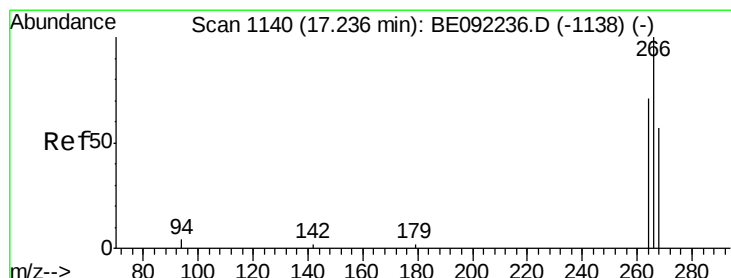
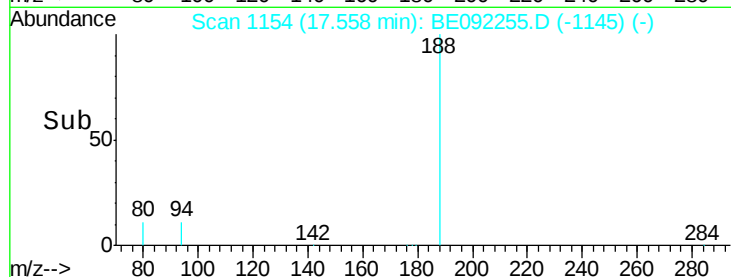
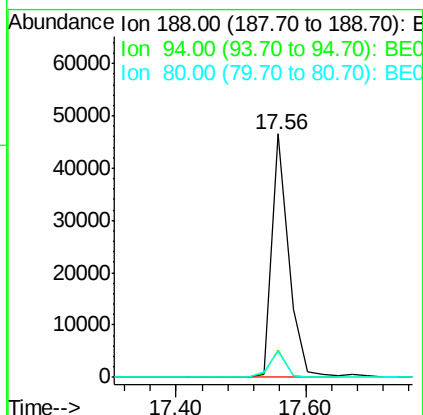
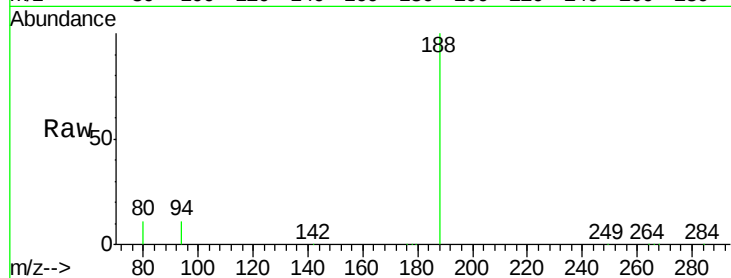




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092255.D
Acq: 10 Aug 2016 15:20

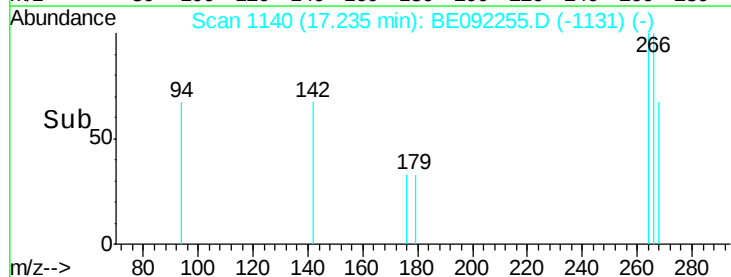
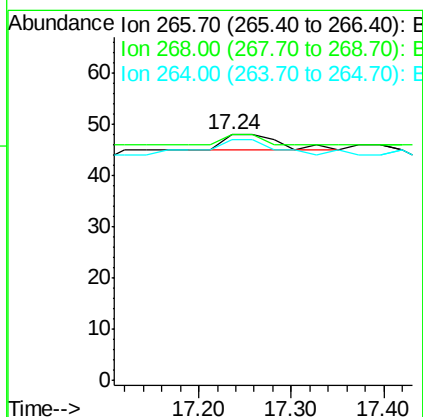
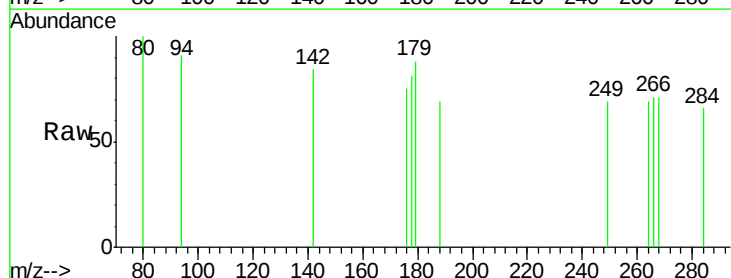
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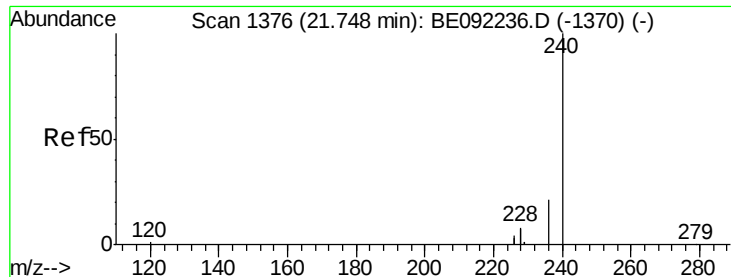
Tgt Ion:188 Resp: 85340
Ion Ratio Lower Upper
188 100
94 11.3 9.2 13.8
80 10.9 9.1 13.7



#20
Pentachlorophenol
Concen: 0.17 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092255.D
Acq: 10 Aug 2016 15:20

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
268 100.0 62.3 93.5#
264 97.9 67.4 101.0

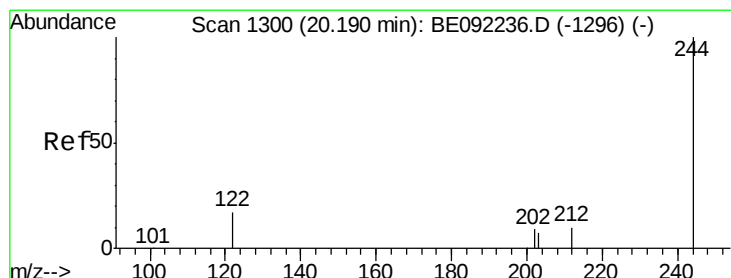
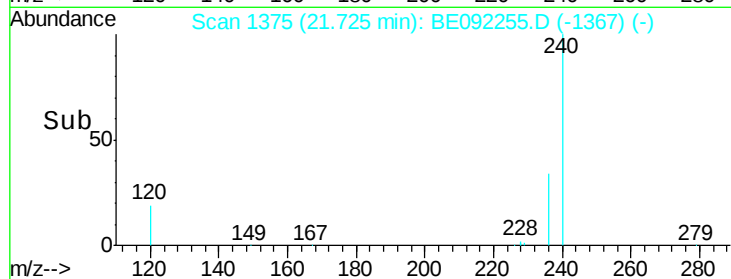
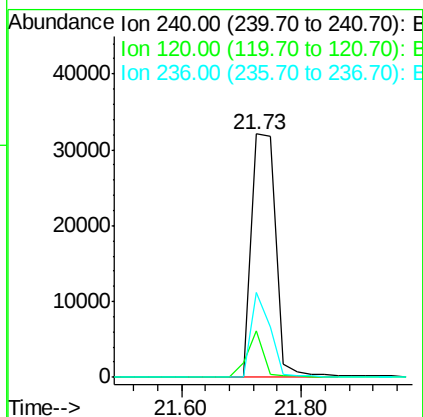
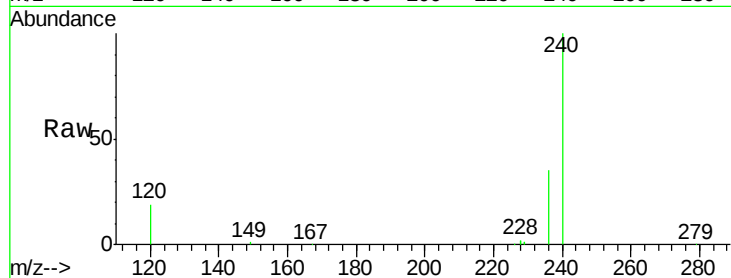




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.73 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

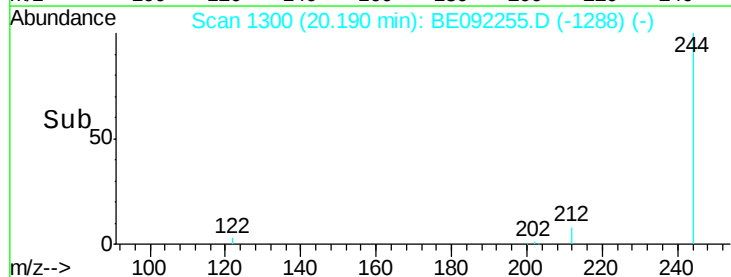
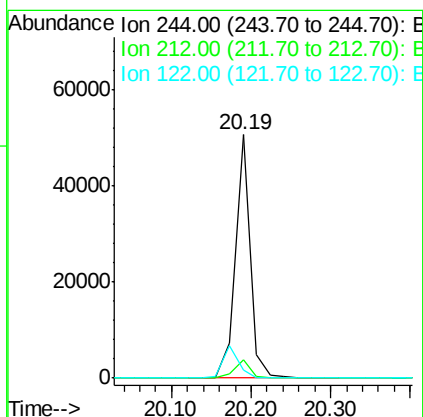
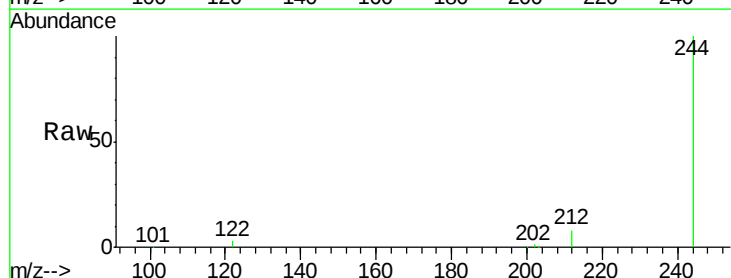
Instrument :
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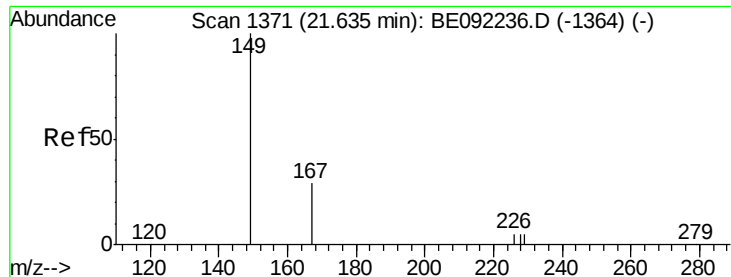
Tgt Ion: 240 Resp: 91106
 Ion Ratio Lower Upper
 240 100
 120 19.0 1.2 1.8#
 236 34.6 17.1 25.7#



#26
 Terphenyl-d14
 Concen: 4.24 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

Tgt Ion: 244 Resp: 65244
 Ion Ratio Lower Upper
 244 100
 212 7.8 10.2 15.2#
 122 3.1 15.9 23.9#

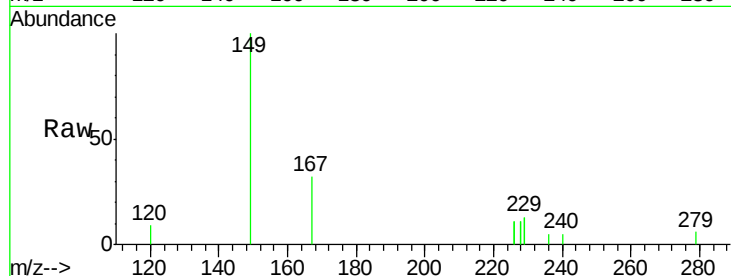




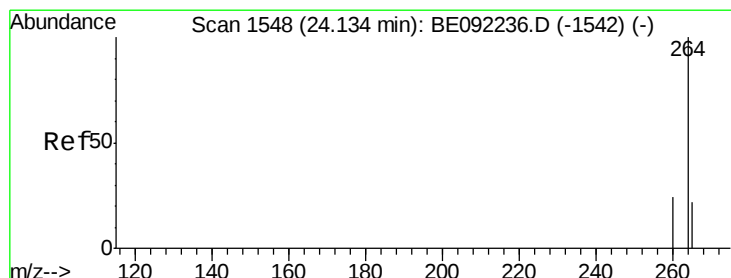
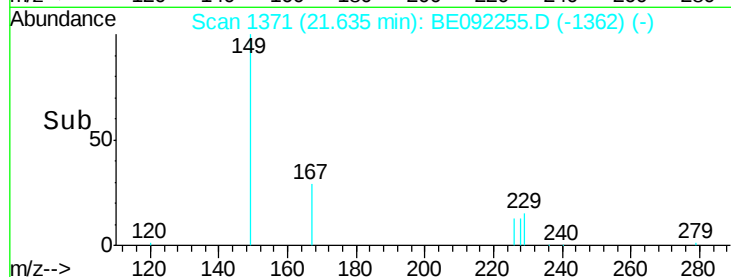
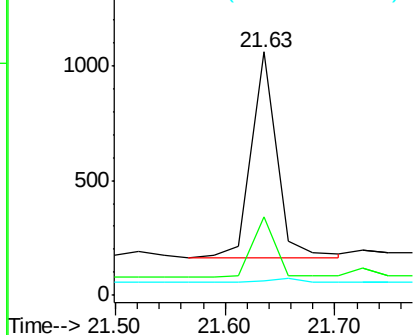
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.63 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

Instrument :
 BNA_E
 ClientSampleId :
 MW-3-080416

Tgt Ion:149 Resp: 1425
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.1 33.1
 279 0.0 0.0 0.0

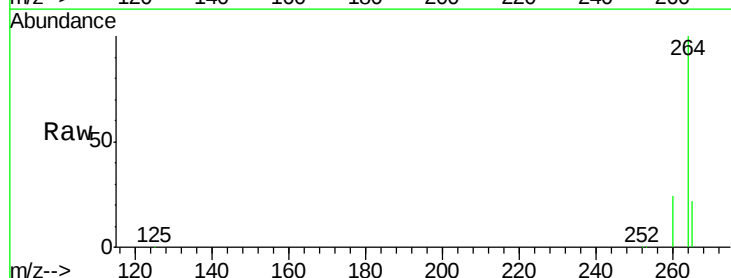


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092255.D
 Acq: 10 Aug 2016 15:20

Tgt Ion:264 Resp: 101181
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.5 18.2 27.4



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

