

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092254.D
 Acq On : 10 Aug 2016 14:41
 Operator : UM/SJ
 Sample : H4383-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2-080416

Quant Time: Aug 11 01:04:05 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	11943	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	55594	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	32701	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	81107	5.00	ng	0.00
24) Chrysene-d12	21.73	240	92482	5.00	ng	-0.02
31) Perylene-d12	24.13	264	98290	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	6687	2.56	ng	-0.01
5) Phenol-d6	7.34	99	9233	2.46	ng	-0.02
8) Nitrobenzene-d5	9.34	82	8269	2.11	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	10662	8.34	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	27955	2.77	ng	-0.01
26) Terphenyl-d14	20.19	244	59484	3.81	ng	0.00

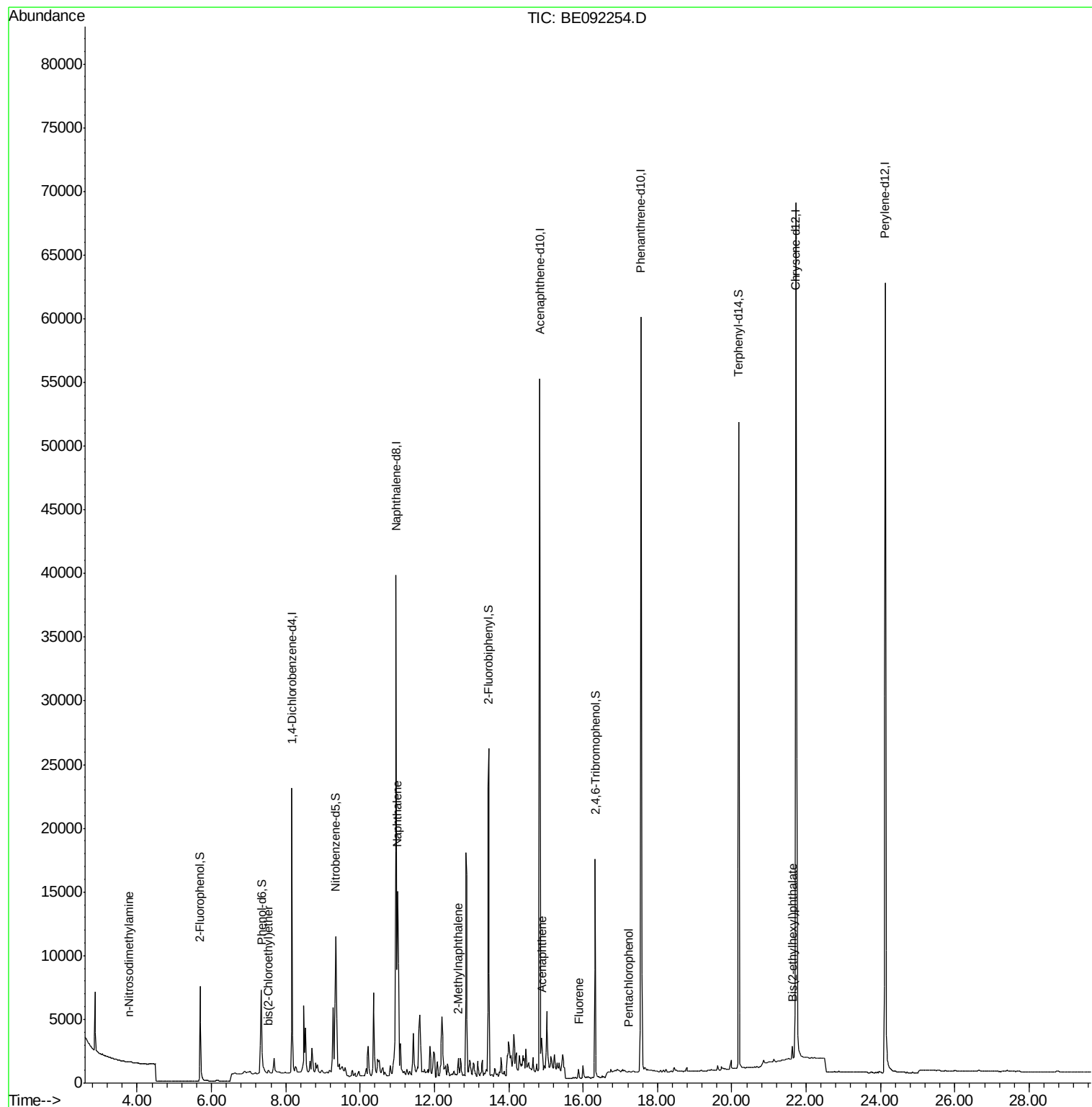
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	26	Below Cal	#	18
3) n-Nitrosodimethylamine	3.78	42	15	0.16 ng	#	6
6) bis(2-Chloroethyl)ether	7.52	93	75	0.02 ng	#	1
9) Naphthalene	11.01	128	26352	2.11 ng		94
11) 2-Methylnaphthalene	12.64	142	983	0.13 ng	#	51
16) Acenaphthene	14.88	154	670	0.07 ng		77
17) Fluorene	15.88	166	561	0.05 ng	#	95
20) Pentachlorophenol	17.24	266	62	0.22 ng		92
29) Bis(2-ethylhexyl)phthalate	21.64	149	1300	0.30 ng	#	98

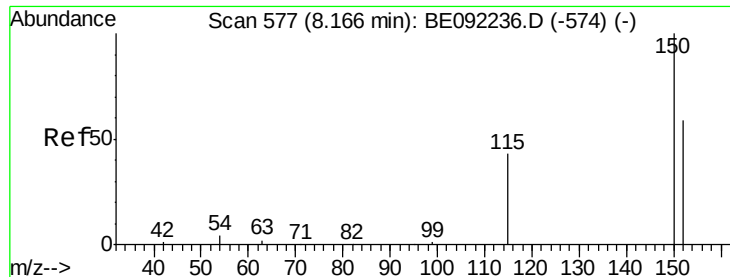
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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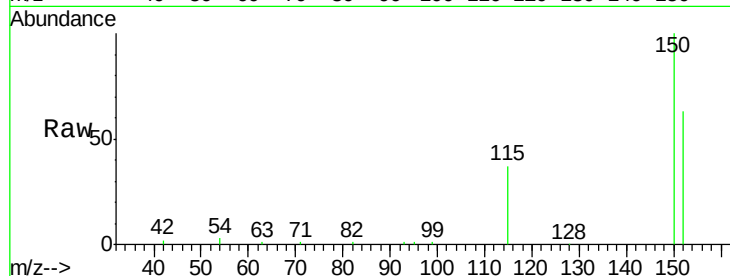


#1

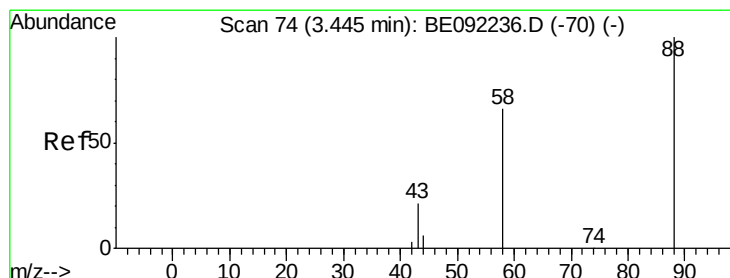
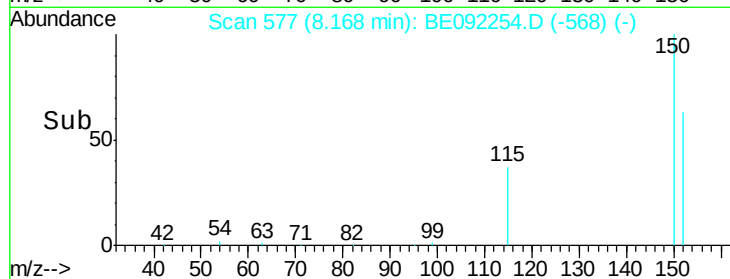
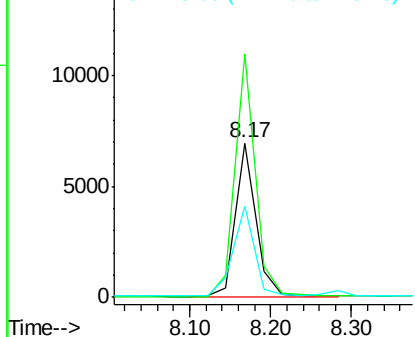
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092254.D
Acq: 10 Aug 2016 14:41

Instrument :
BNA_E
ClientSampleId :
MW-2-080416

Tgt Ion:152 Resp: 11943
Ion Ratio Lower Upper
152 100
150 157.5 135.6 203.4
115 58.8 59.4 89.0#



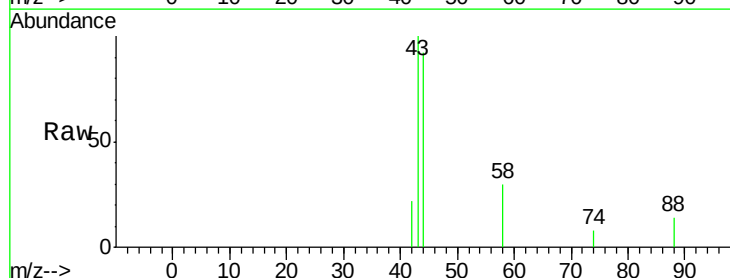
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



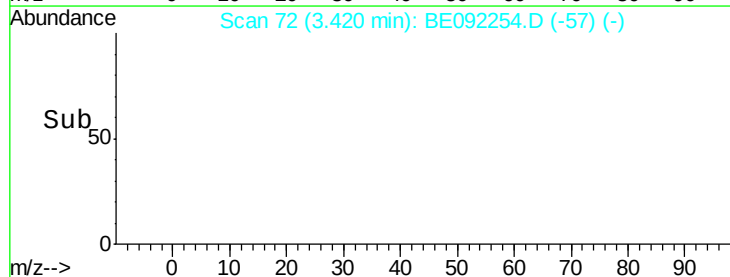
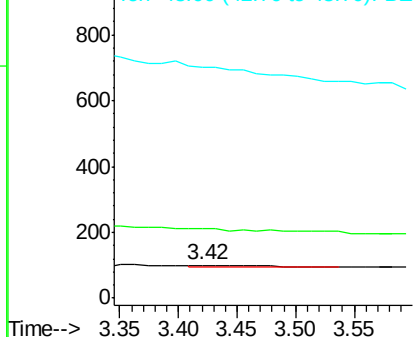
#2

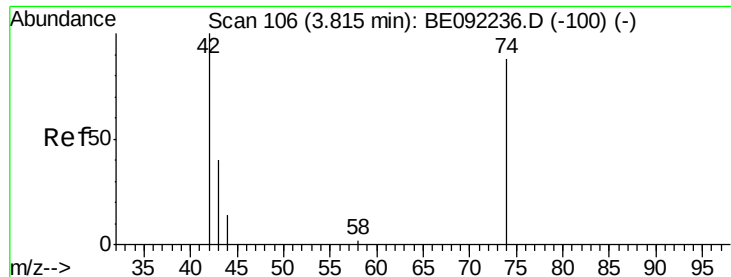
1,4-Dioxane
Concen: Below Cal
RT: 3.42 min Scan# 72
Delta R.T. -0.02 min
Lab File: BE092254.D
Acq: 10 Aug 2016 14:41

Tgt Ion: 88 Resp: 26
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: 3.78 min Scan# 103

Delta R.T. -0.04 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

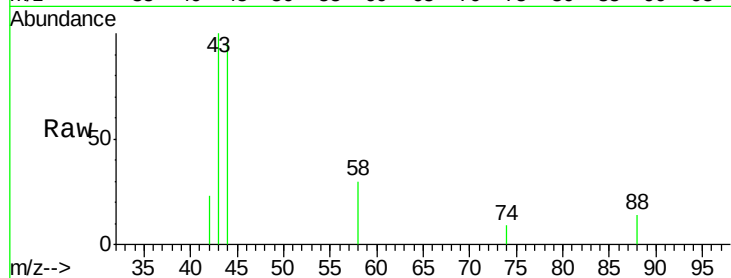
Instrument :

BNA_E

ClientSampleId :

MW-2-080416

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#



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

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Ion 44.00 (43.70 to 44.70): BE0

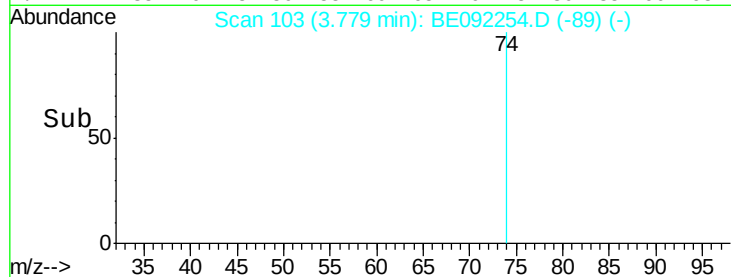
Ion 44.00 (43.70 to 44.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

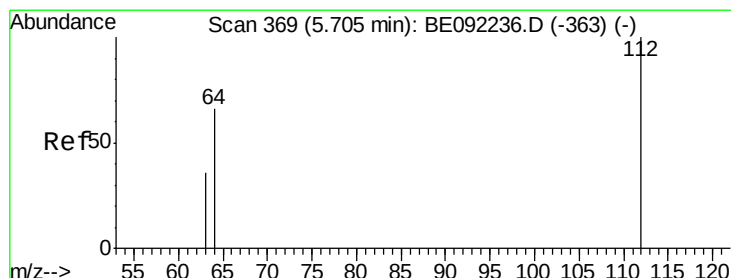
Ion 44.00 (43.70 to 44.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 2.56 ng

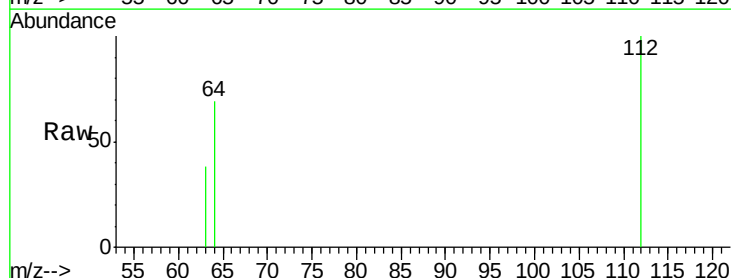
RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Tgt Ion:	112	Resp:	6687
Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.2	79.8
63	36.4	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

Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

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Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

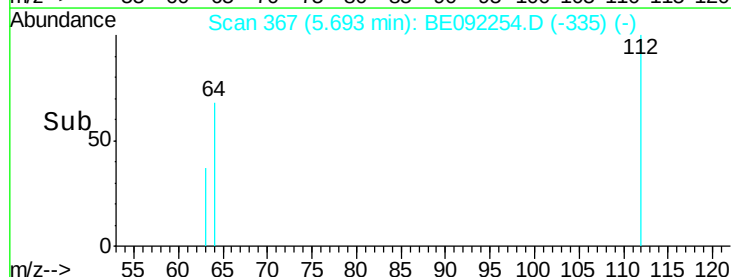
Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

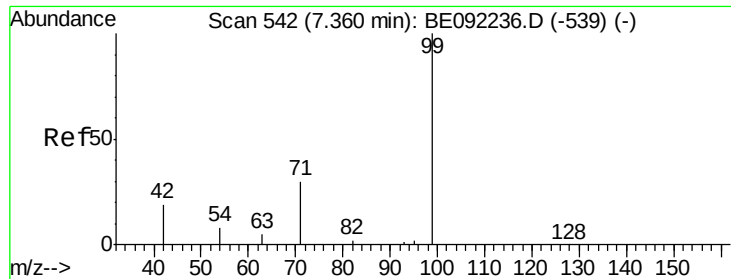
Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 2.46 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

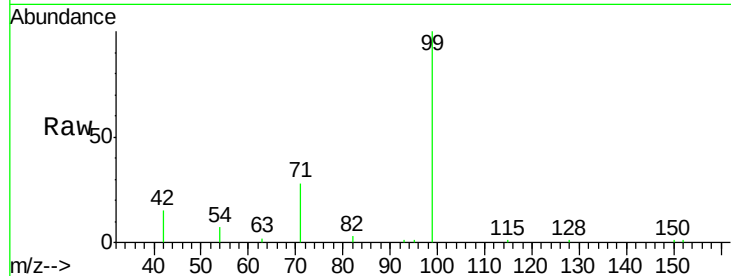
Tgt Ion: 99 Resp: 9233

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

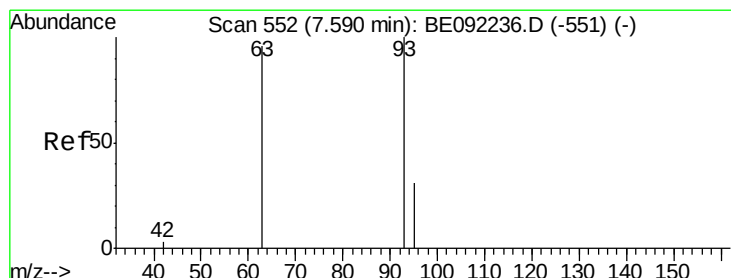
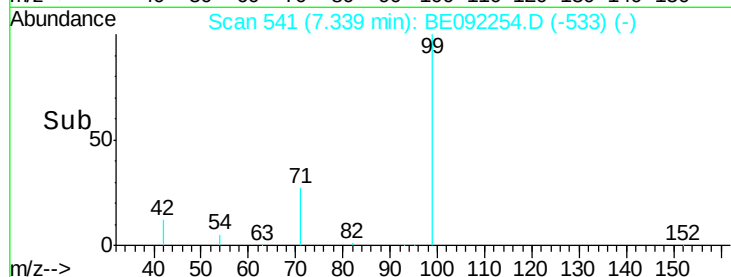
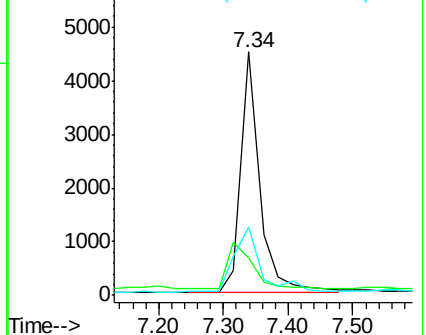
71 38.0 29.8 44.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 7.52 min Scan# 549

Delta R.T. -0.07 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

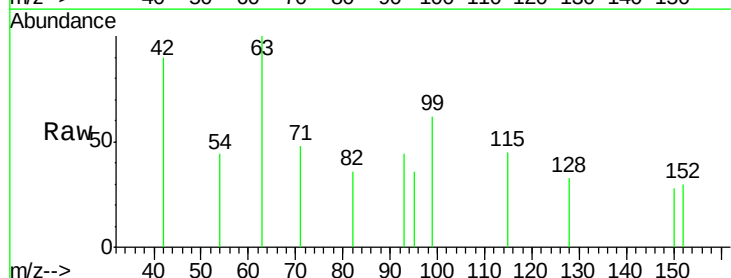
Tgt Ion: 93 Resp: 75

Ion Ratio Lower Upper

93 100

63 305.3 68.5 102.7#

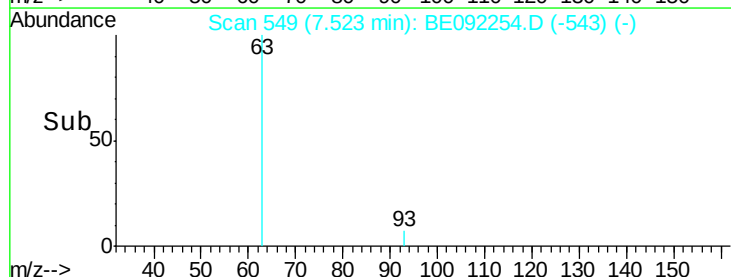
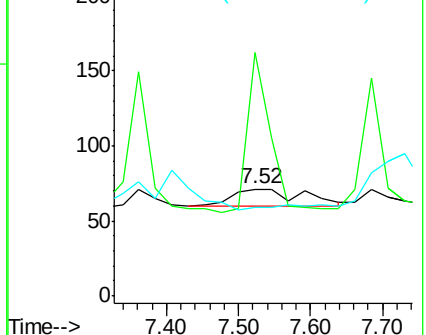
95 0.0 27.2 40.8#

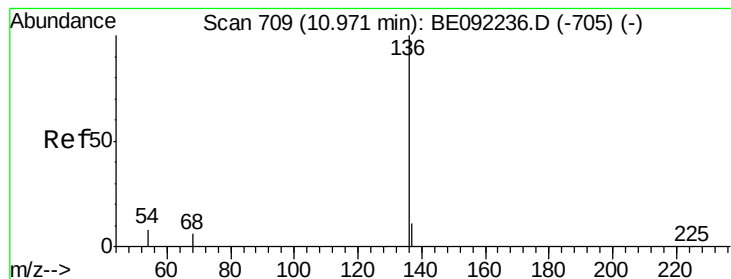


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

Tgt Ion:136 Resp: 55594

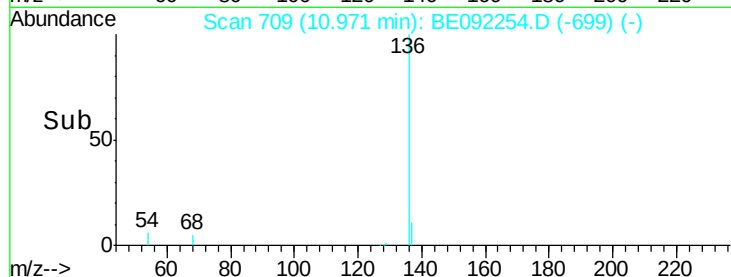
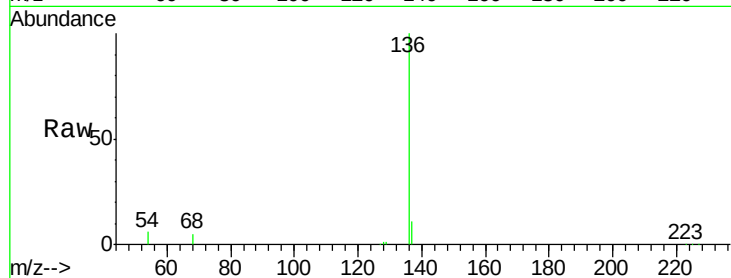
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.5 6.2 9.4

68 5.1 4.6 6.8

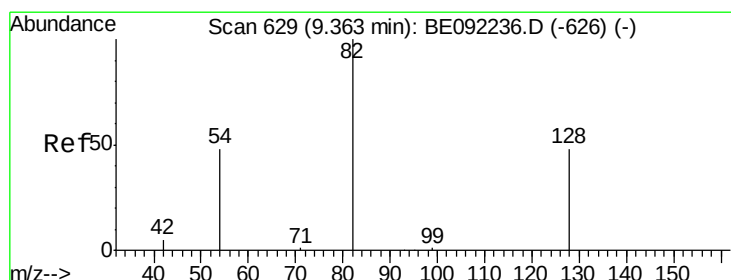
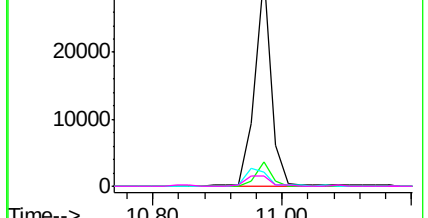


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.11 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

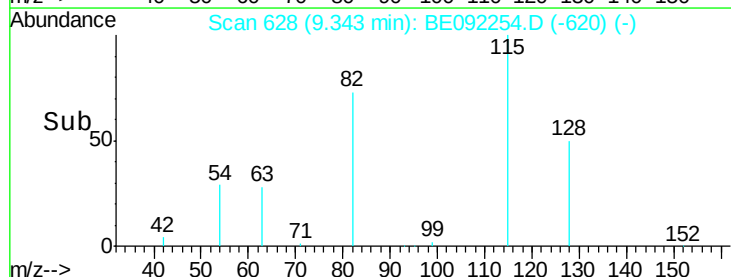
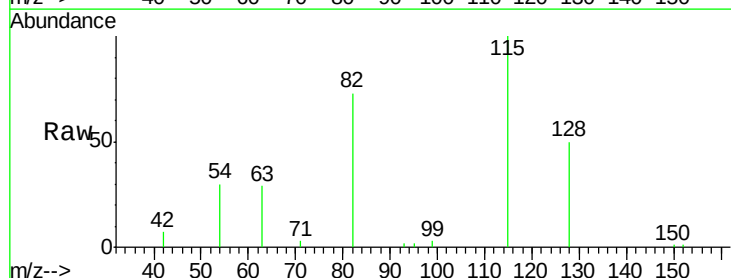
Tgt Ion: 82 Resp: 8269

Ion Ratio Lower Upper

82 100

128 68.5 45.0 67.4#

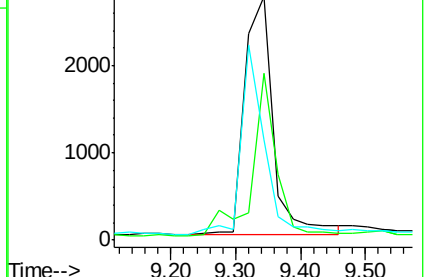
54 41.2 45.4 68.2#

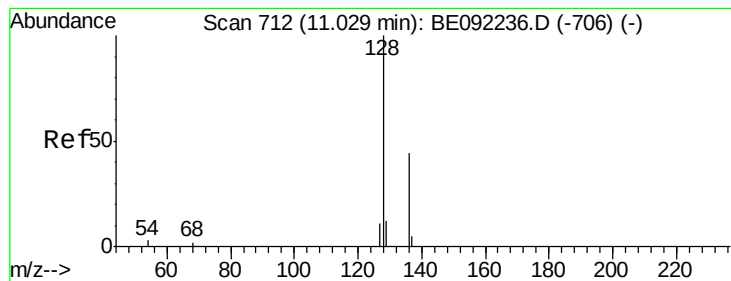


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.11 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.02 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

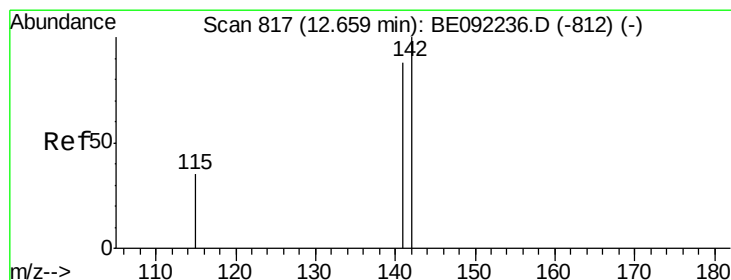
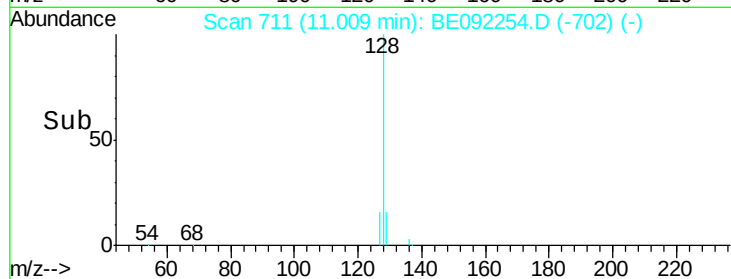
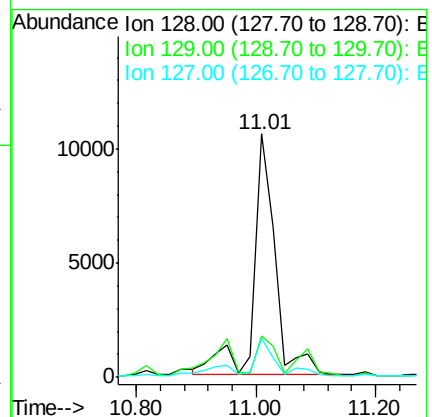
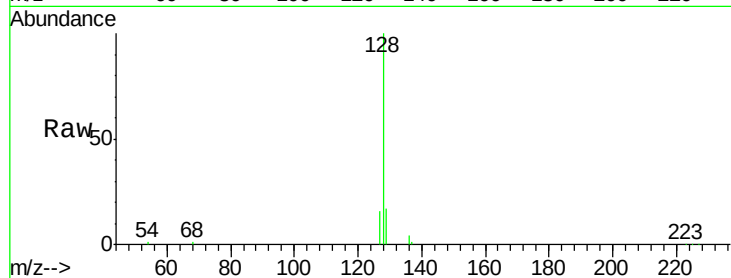
Tgt Ion:128 Resp: 26352

Ion Ratio Lower Upper

128 100

129 16.7 11.5 17.3

127 16.2 11.0 16.6



#11

2-Methylnaphthalene

Concen: 0.13 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

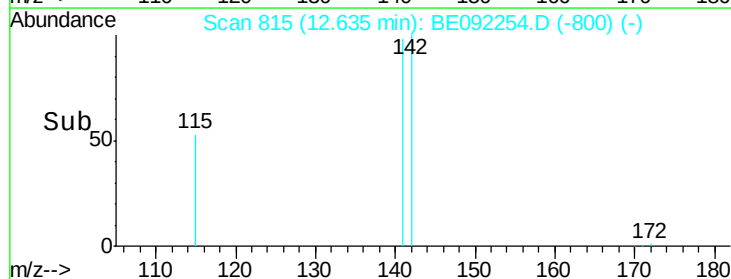
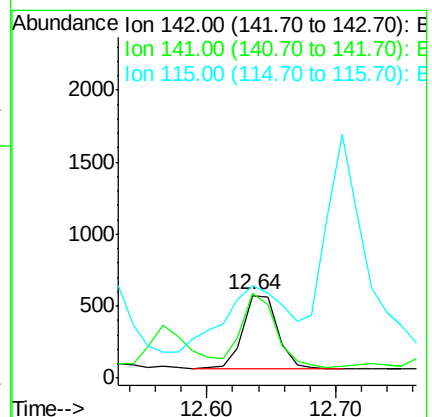
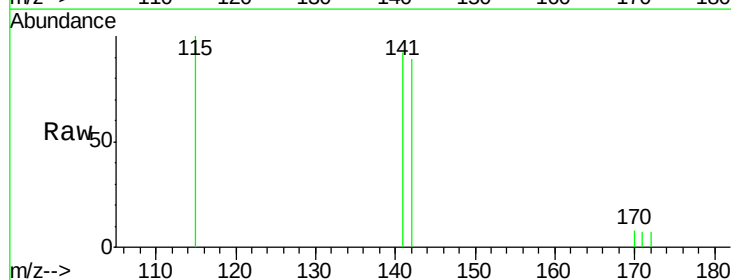
Tgt Ion:142 Resp: 983

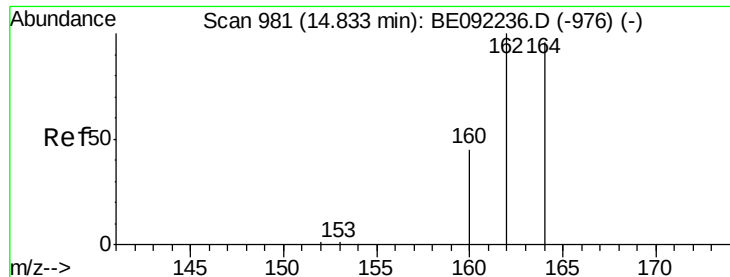
Ion Ratio Lower Upper

142 100

141 103.5 70.6 105.8

115 112.9 31.0 46.4#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

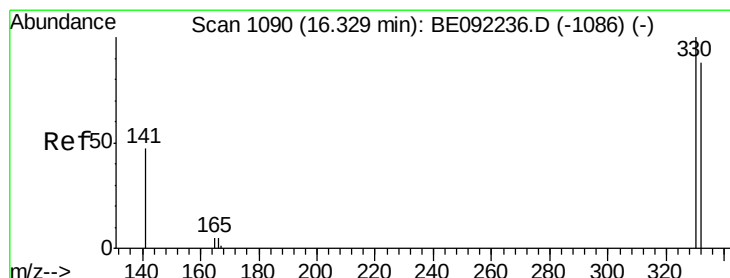
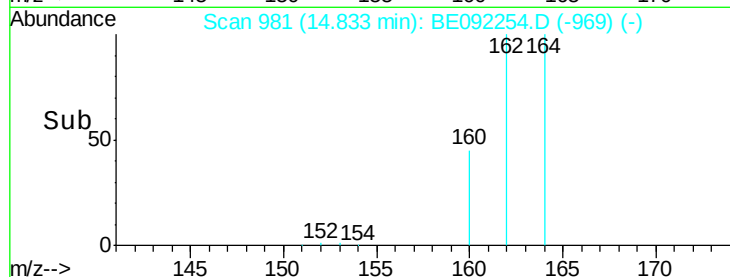
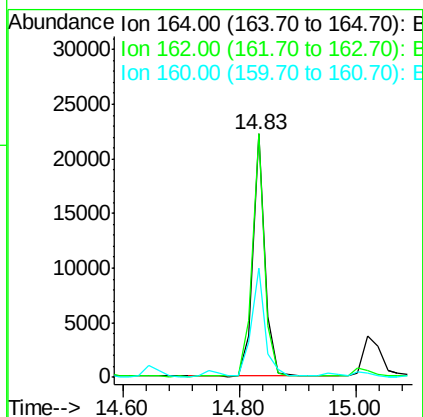
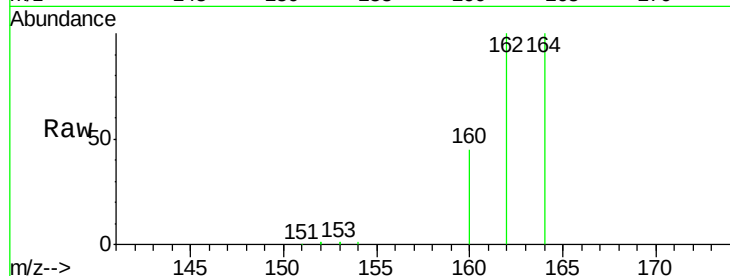
Tgt Ion:164 Resp: 32701

Ion Ratio Lower Upper

164 100

162 99.9 83.3 124.9

160 44.8 38.0 57.0



#13

2,4,6-Tribromophenol

Concen: 8.34 ng

RT: 16.32 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

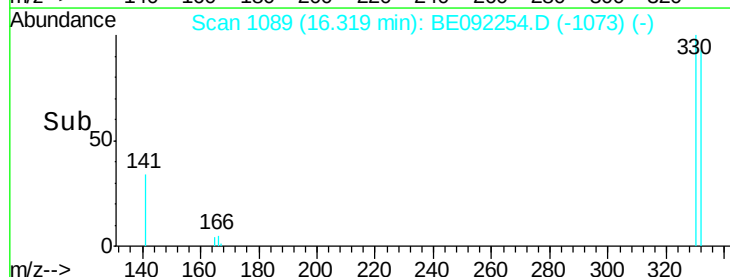
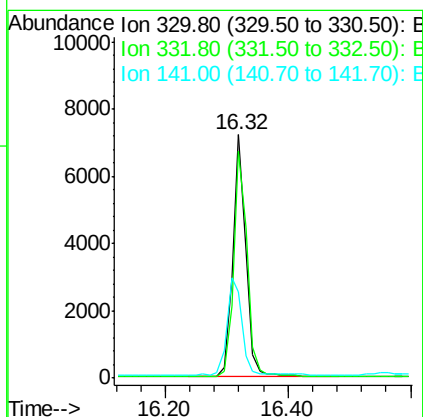
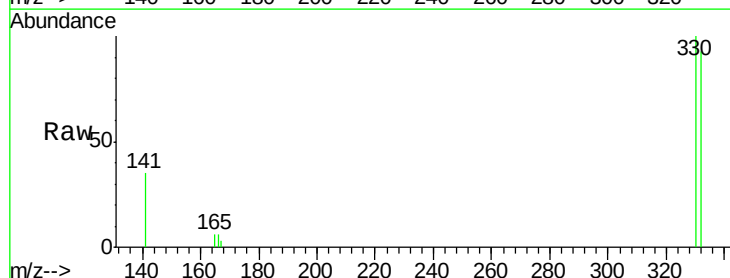
Tgt Ion:330 Resp: 10662

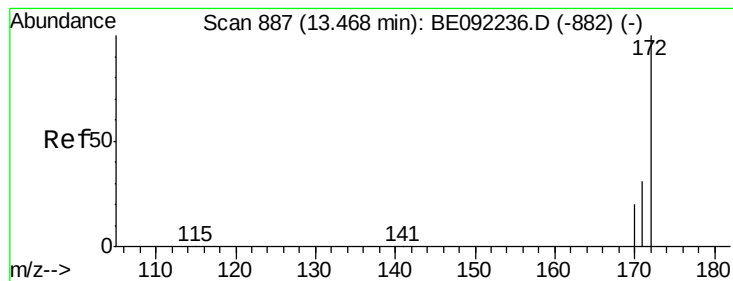
Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.0

141 47.3 37.7 56.5





#14

2-Fluorobiphenyl

Concen: 2.77 ng

RT: 13.46 min Scan# 886

Delta R.T. -0.01 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

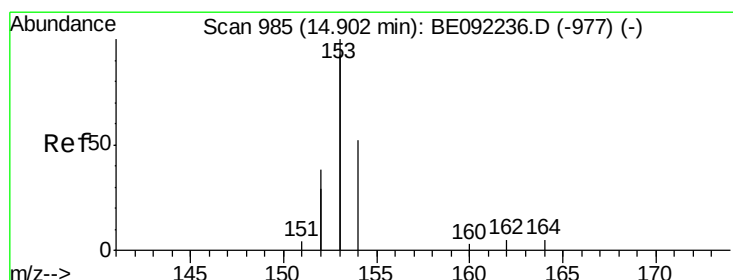
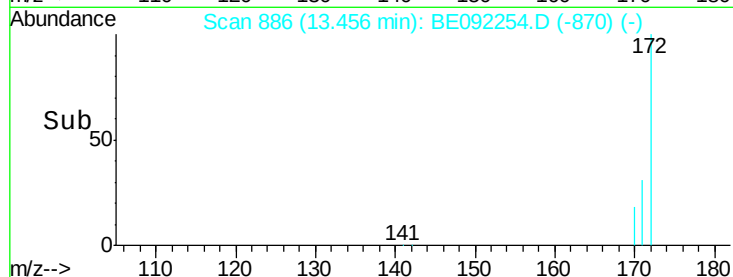
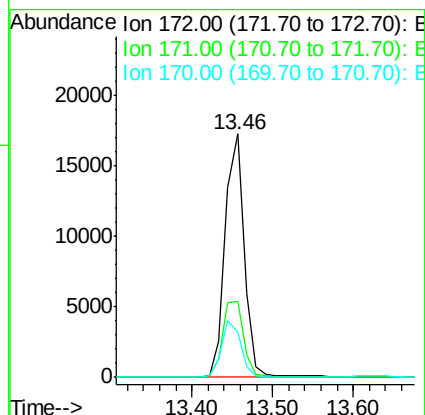
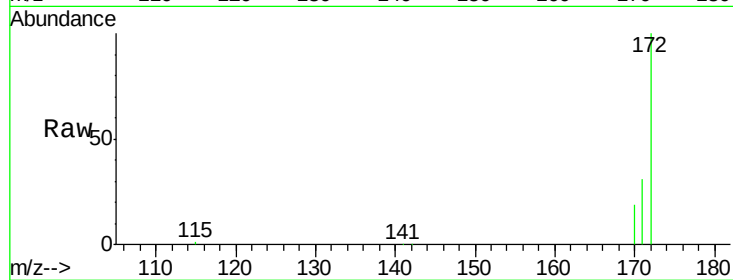
Tgt Ion:172 Resp: 27955

Ion Ratio Lower Upper

172 100

171 31.0 26.8 40.2

170 18.7 17.8 26.6



#16

Acenaphthene

Concen: 0.07 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.02 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

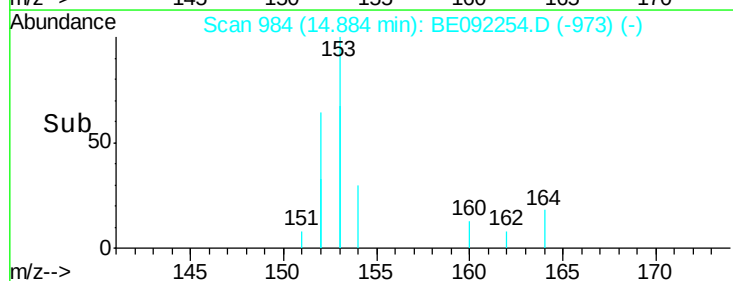
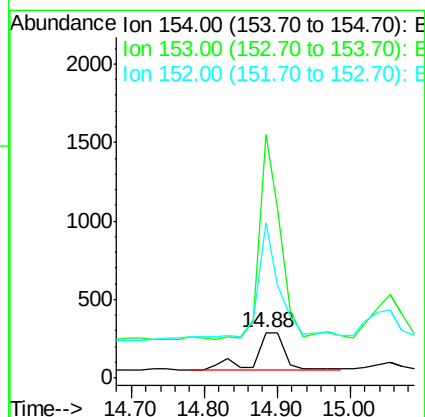
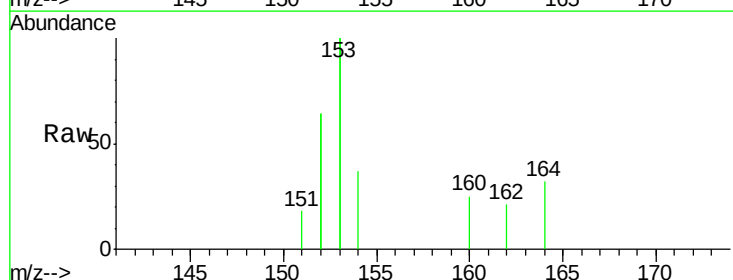
Tgt Ion:154 Resp: 670

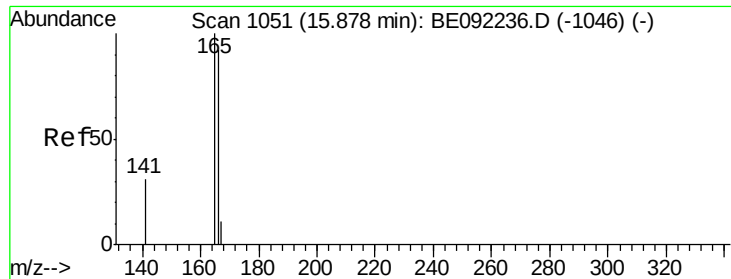
Ion Ratio Lower Upper

154 100

153 377.8 355.0 532.4

152 251.6 179.7 269.5

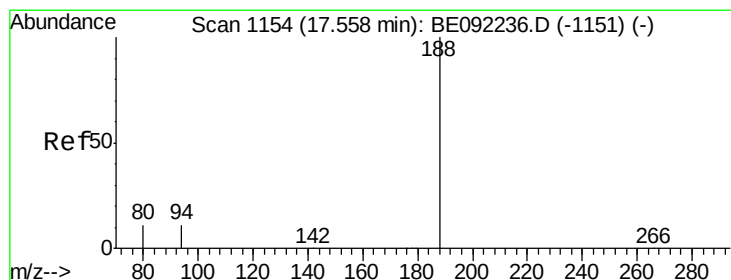
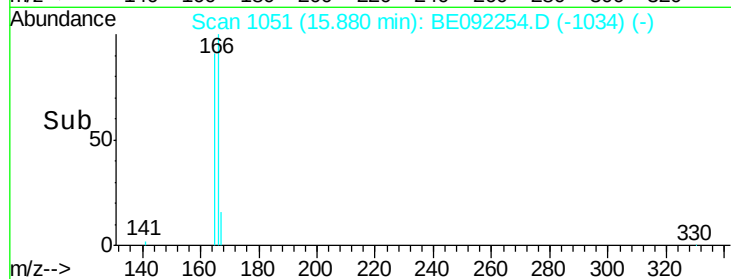
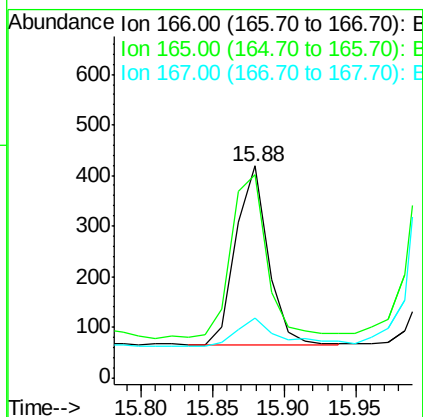
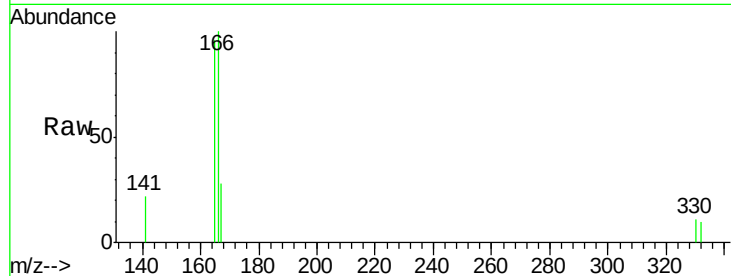




#17
Fluorene
 Concen: 0.05 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BE092254.D
 Acq: 10 Aug 2016 14:41

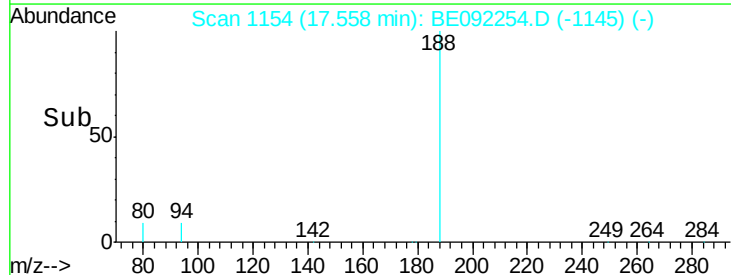
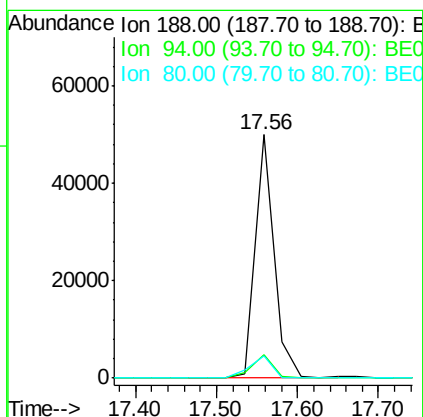
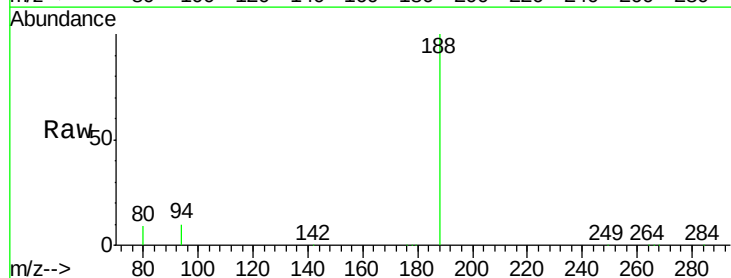
Instrument :
 BNA_E
 ClientSampleId :
 MW-2-080416

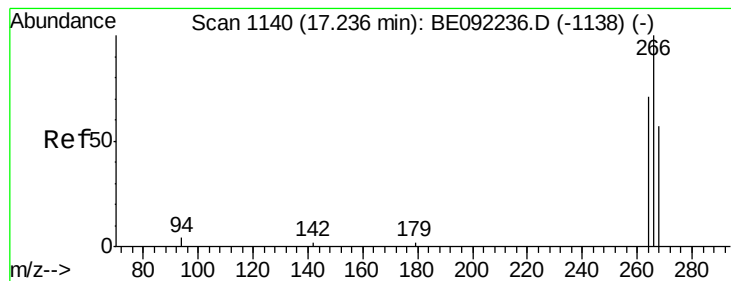
Tgt Ion:166 Resp: 561
 Ion Ratio Lower Upper
 166 100
 165 102.3 80.1 120.1
 167 22.8 10.6 16.0#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE092254.D
 Acq: 10 Aug 2016 14:41

Tgt Ion:188 Resp: 81107
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.2 13.8
 80 9.1 9.1 13.7#





#20

Pentachlorophenol

Concen: 0.22 ng

RT: 17.24 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

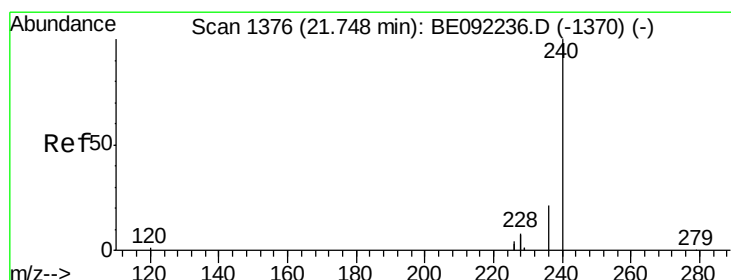
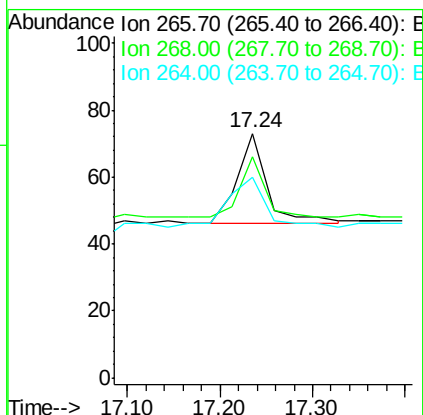
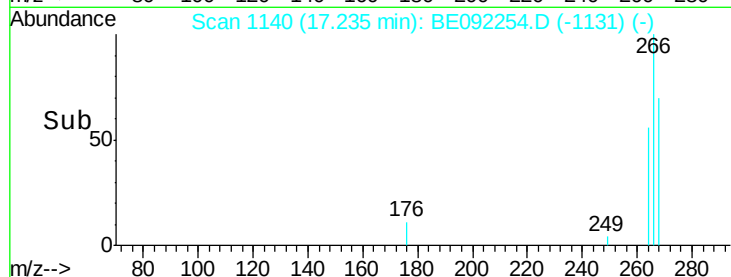
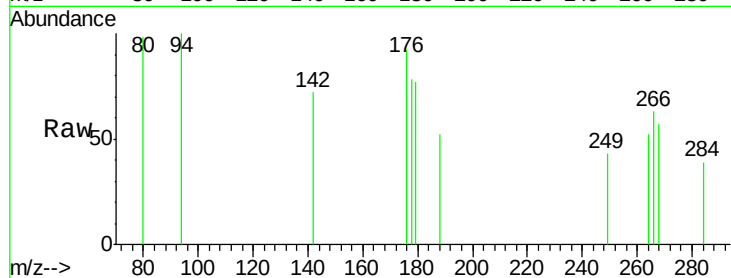
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 90.4 62.3 93.5

264 82.2 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: BE092254.D

Acq: 10 Aug 2016 14:41

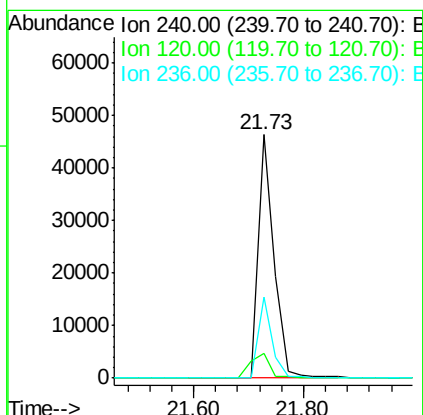
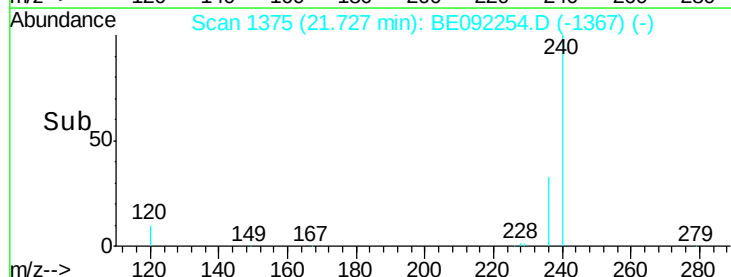
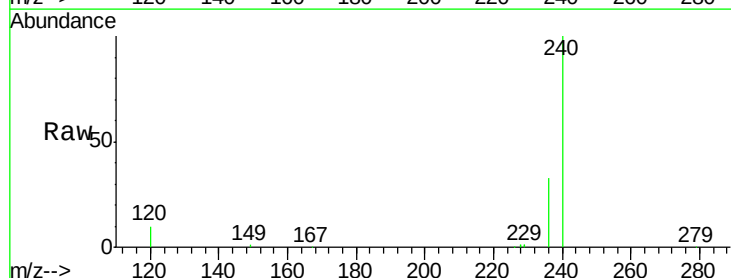
Tgt Ion:240 Resp: 92482

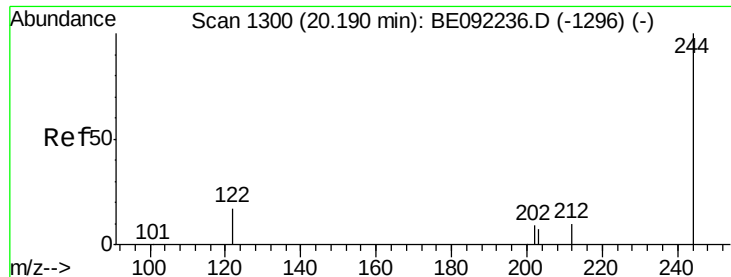
Ion Ratio Lower Upper

240 100

120 9.9 1.2 1.8#

236 33.1 17.1 25.7#

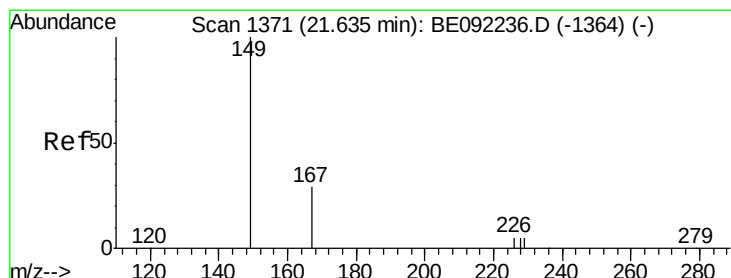
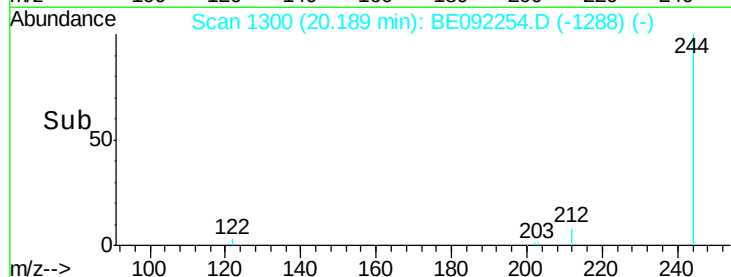
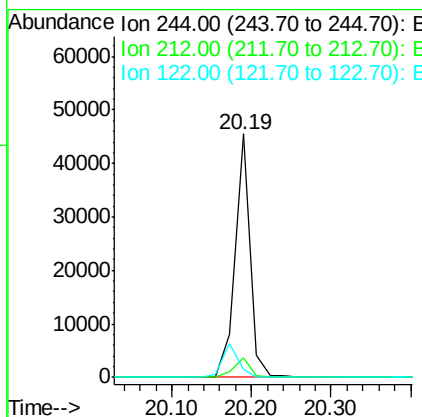
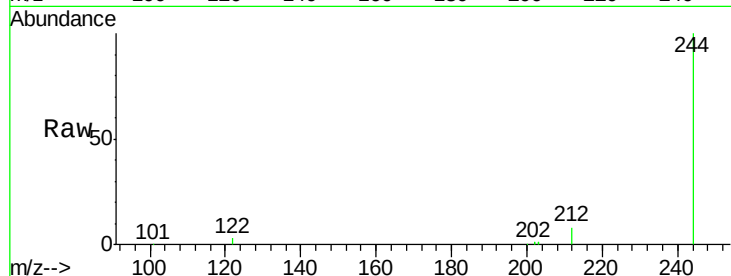




#26
 Terphenyl-d14
 Concen: 3.81 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BE092254.D
 Acq: 10 Aug 2016 14:41

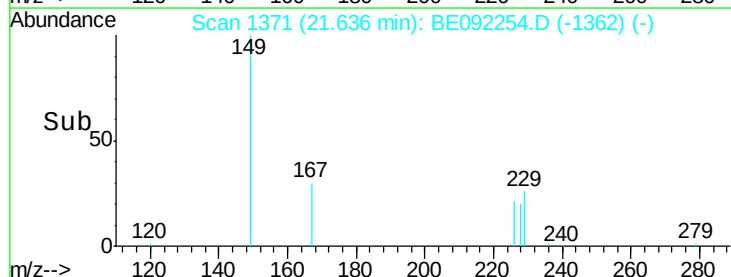
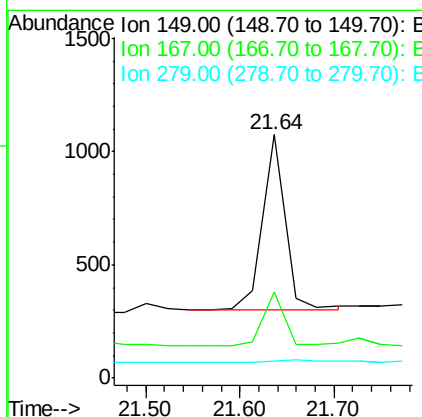
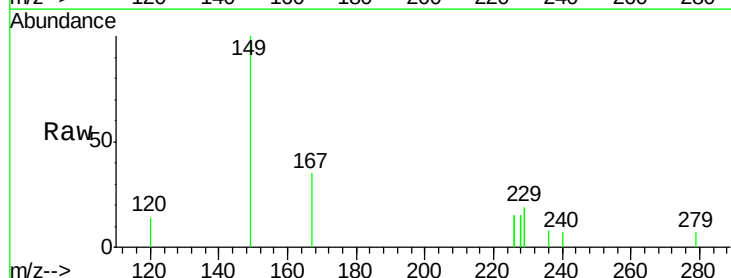
Instrument :
 BNA_E
 ClientSampleId :
 MW-2-080416

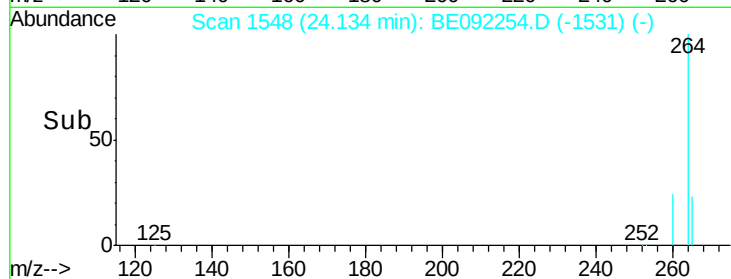
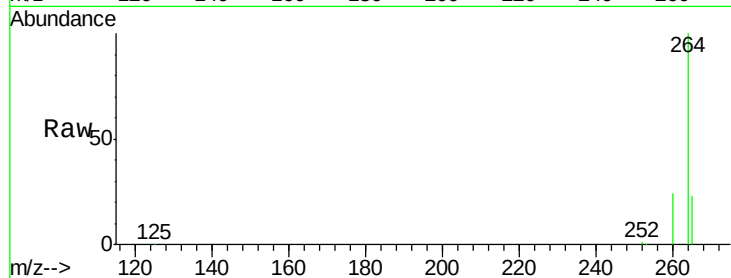
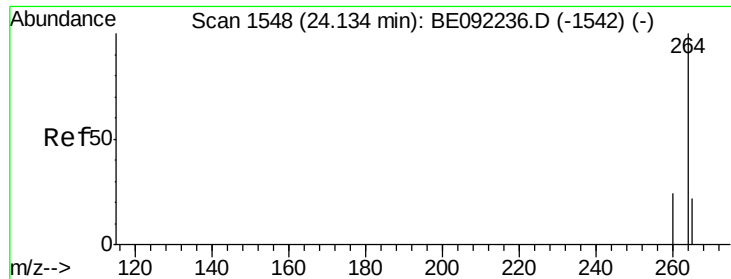
Tgt Ion: 244 Resp: 59484
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.2 15.2#
 122 3.1 15.9 23.9#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.64 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE092254.D
 Acq: 10 Aug 2016 14:41

Tgt Ion: 149 Resp: 1300
 Ion Ratio Lower Upper
 149 100
 167 28.6 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: BE092254.D

Acq: 10 Aug 2016 14:41

Instrument :

BNA_E

ClientSampleId :

MW-2-080416

Tgt Ion:264 Resp: 98290

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 23.2 18.2 27.4

