

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
 Data File : BE092638.D
 Acq On : 11 Jan 2017 13:04
 Operator : UM/SJ
 Sample : PB95910BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 11 16:27:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

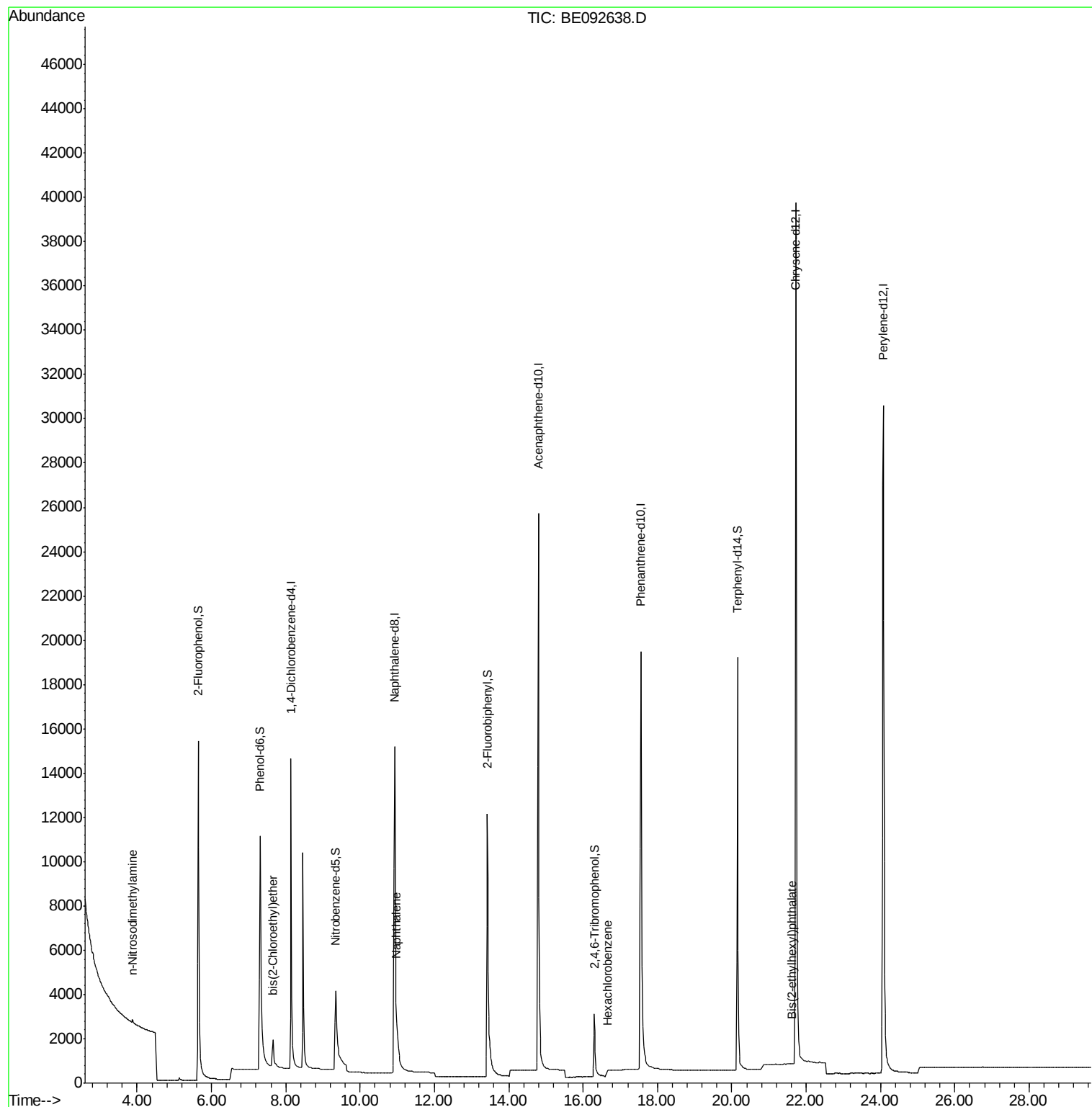
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9027	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	36853	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	22144	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	43173	5.00	ng	0.00
24) Chrysene-d12	21.72	240	55440	5.00	ng	0.00
31) Perylene-d12	24.08	264	54567	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	15954	9.11	ng	-0.04
5) Phenol-d6	7.31	99	19219	7.27	ng	-0.07
8) Nitrobenzene-d5	9.34	82	8281	3.31	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3149	4.99	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	21277	4.02	ng	-0.01
26) Terphenyl-d14	20.16	244	27052	3.98	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.51	88	12	Below Cal	#	19
3) n-Nitrosodimethylamine	3.87	42	69	0.24 ng	#	6
6) bis(2-Chloroethyl)ether	7.66	93	32	0.12 ng	#	1
9) Naphthalene	10.97	128	206	0.03 ng	#	17
19) Hexachlorobenzene	16.66	284	769	0.42 ng	#	39
29) Bis(2-ethylhexyl)phthalate	21.61	149	129	0.08 ng	#	72

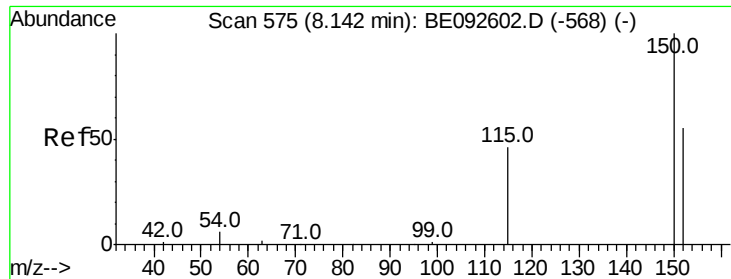
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
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BNA_E
ClientSampleId :

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
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QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

Instrument :

BNA_E

ClientSampleId :

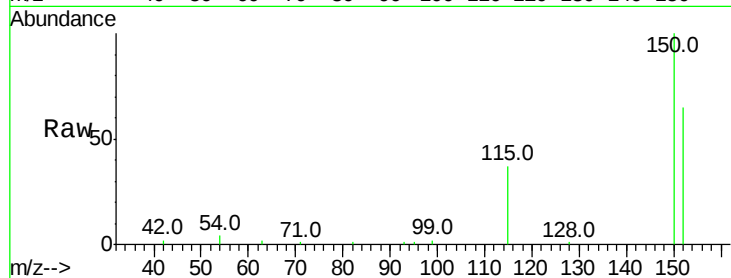
Tot Ion:152 Resp: 9027

Ion Ratio Lower Upper

152 100

150 155.0 106.0 159.0

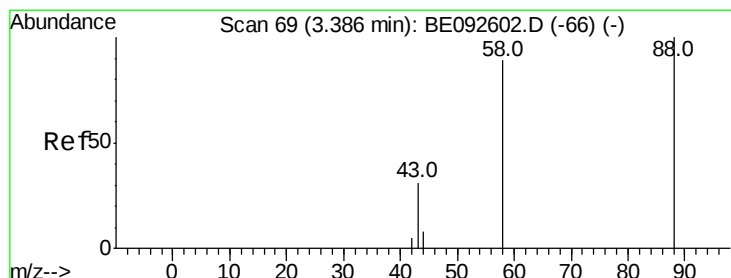
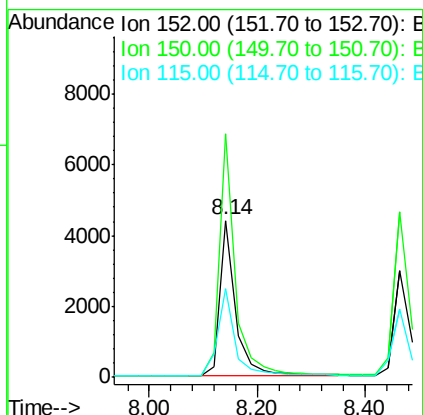
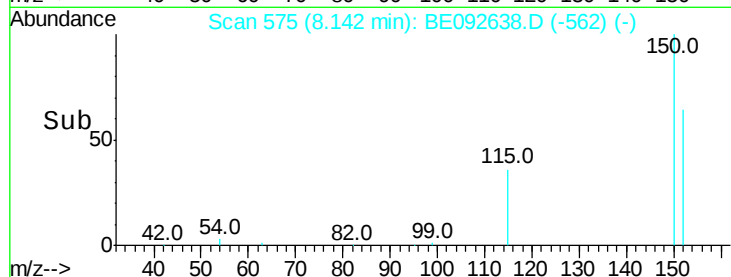
115 56.6 31.2 46.8#



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: 3.51 min Scan# 80

Delta R.T. 0.13 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

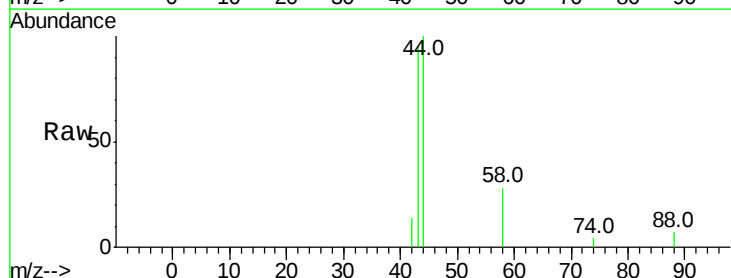
Tgt Ion: 88 Resp: 12

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

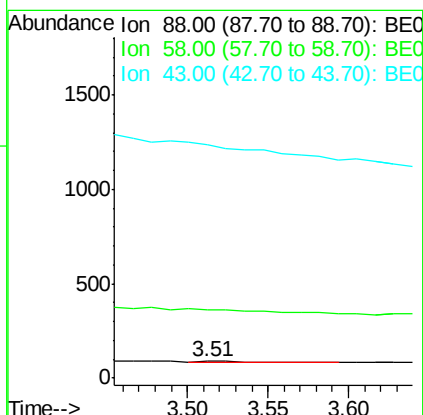
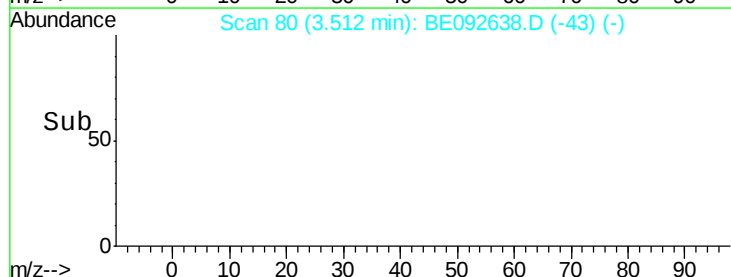
43 0.0 28.0 42.0#

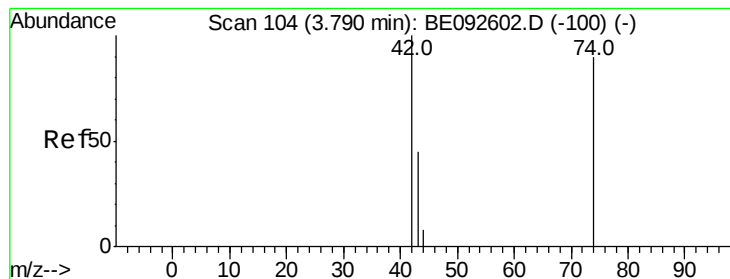


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



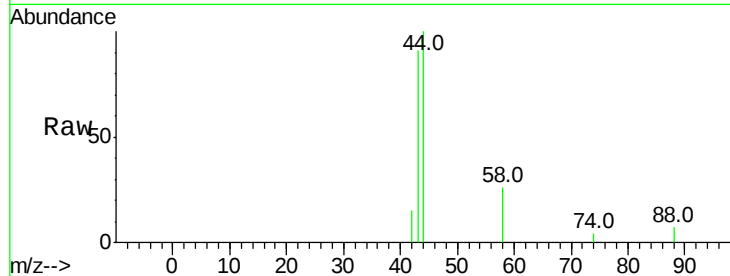


#3

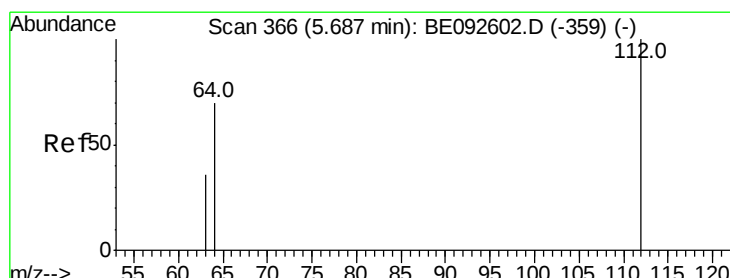
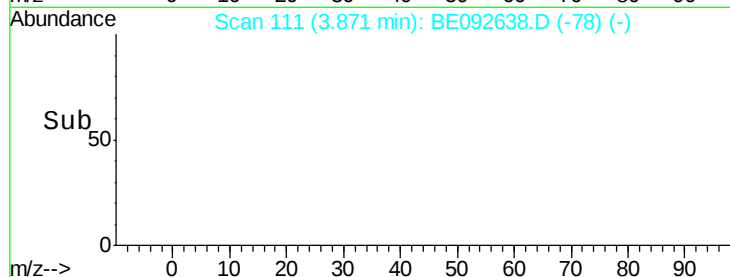
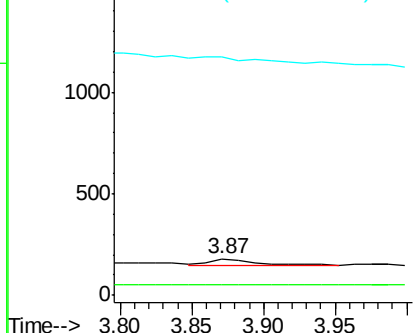
n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.87 min Scan# 111
Delta R.T. 0.08 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 69
Ion Ratio Lower Upper
42 100
74 4.3 86.0 129.0#
44 0.0 5.1 7.7#



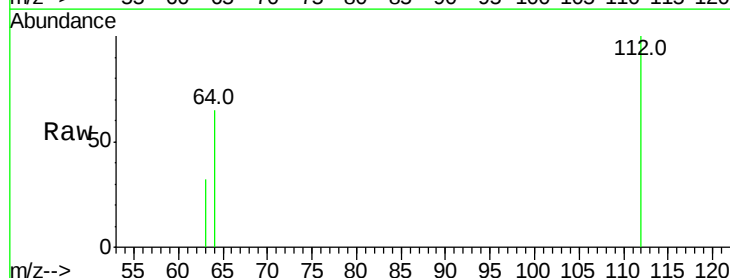
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



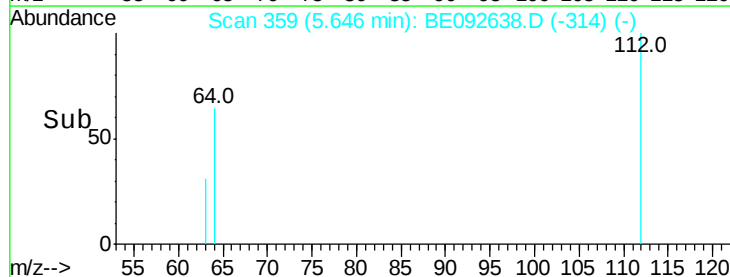
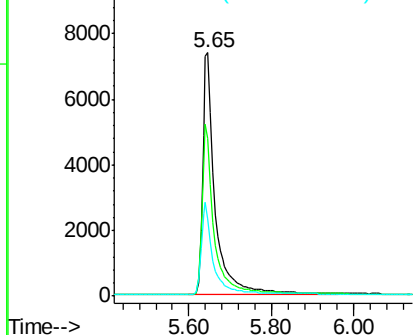
#4

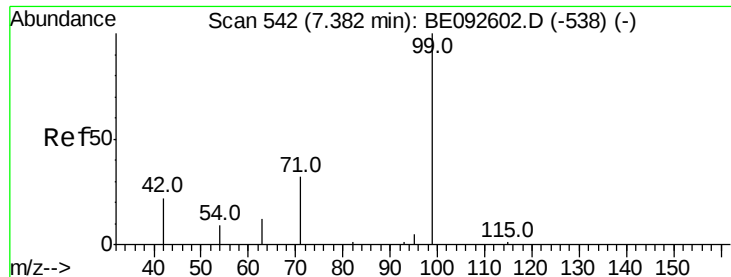
2-Fluorophenol
Concen: 9.11 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.04 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion: 112 Resp: 15954
Ion Ratio Lower Upper
112 100
64 68.9 53.5 80.3
63 36.7 27.9 41.9



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: 7.27 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

Instrument :

BNA_E

ClientSampled :

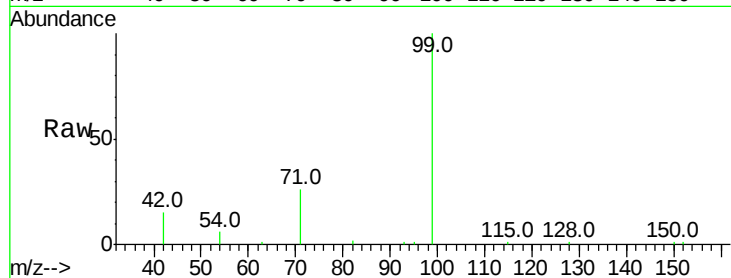
Tot Ion: 99 Resp: 19219

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

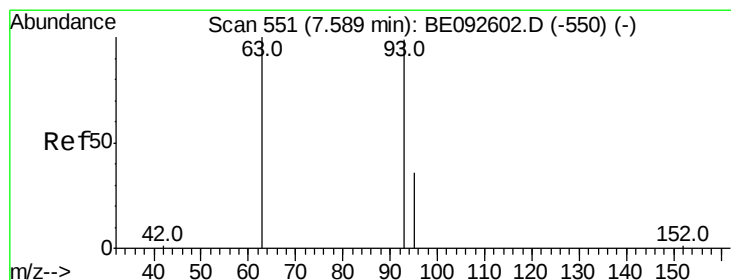
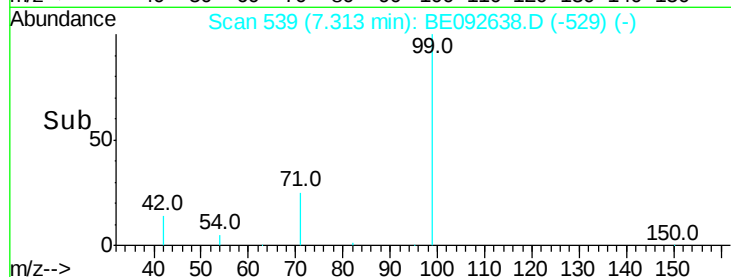
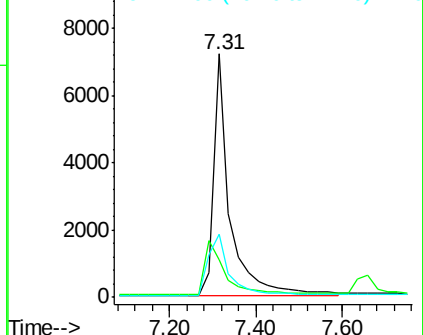
71 34.5 30.6 45.8



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: 0.12 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

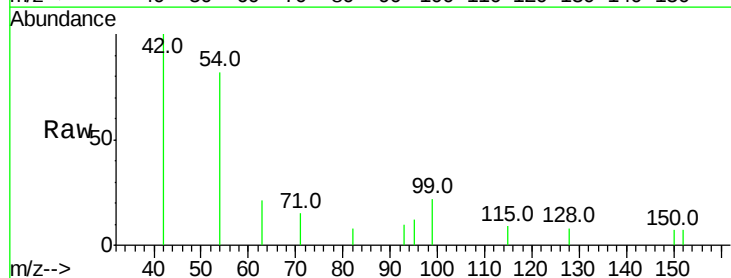
Tgt Ion: 93 Resp: 32

Ion Ratio Lower Upper

93 100

63 659.4 71.6 107.4#

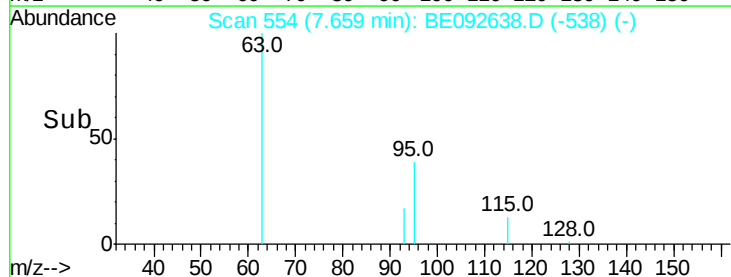
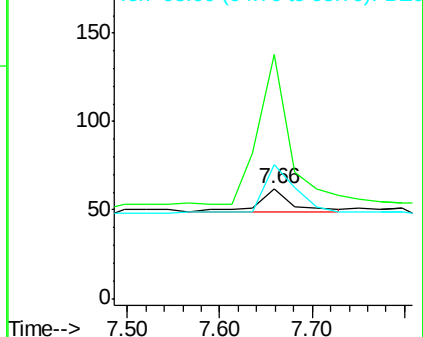
95 234.4 24.0 36.0#

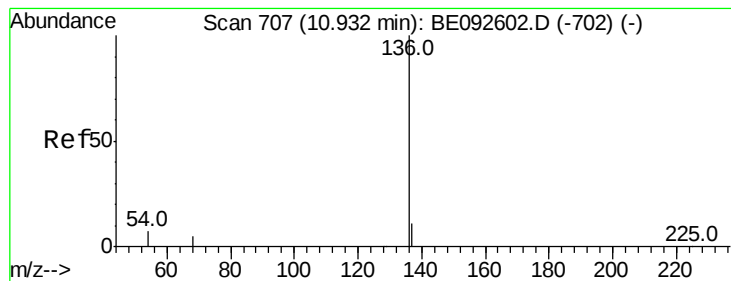


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 36853

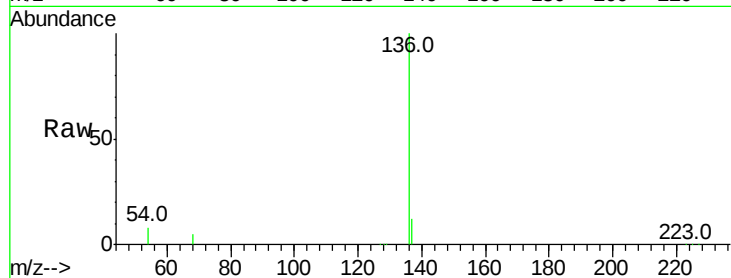
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 7.6 9.6 14.4#

68 5.4 6.7 10.1#

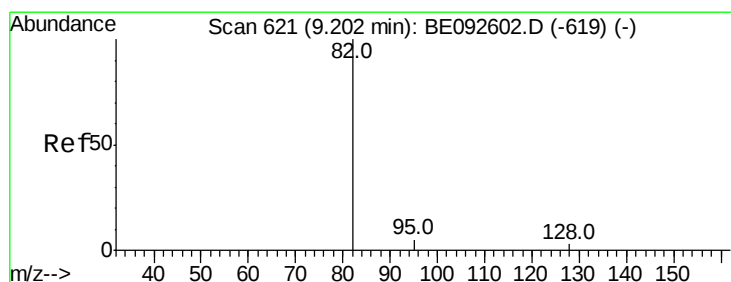
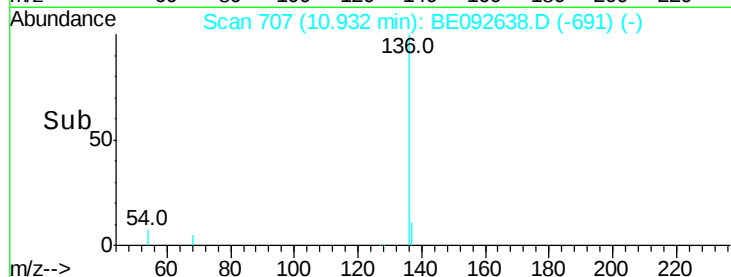
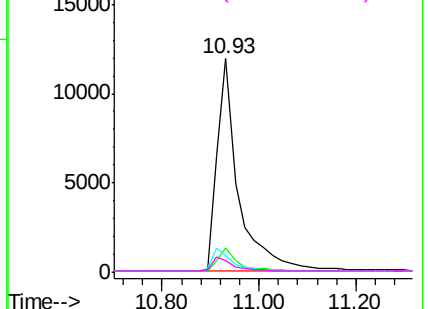


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.31 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

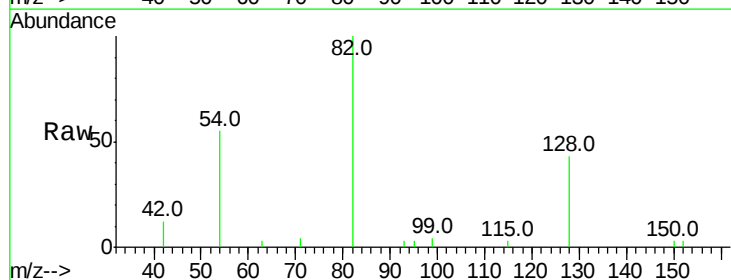
Tgt Ion: 82 Resp: 8281

Ion Ratio Lower Upper

82 100

128 42.5 39.0 58.4

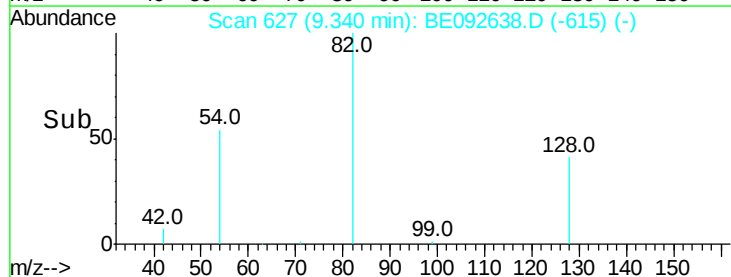
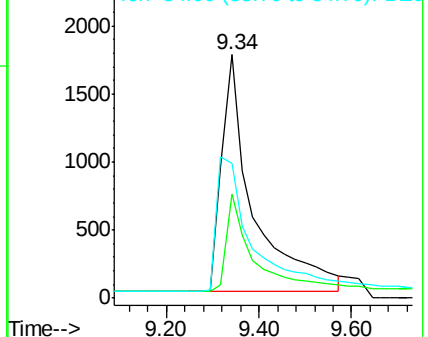
54 55.2 44.8 67.2

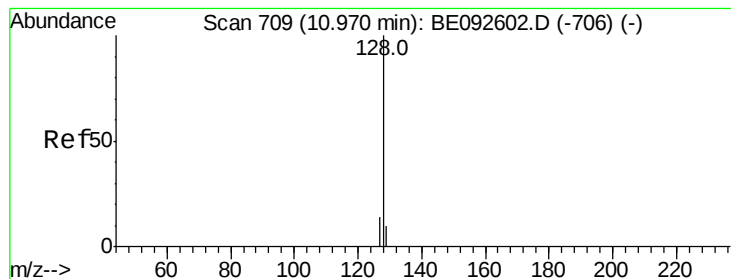


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.03 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

Instrument :

BNA_E

ClientSampled :

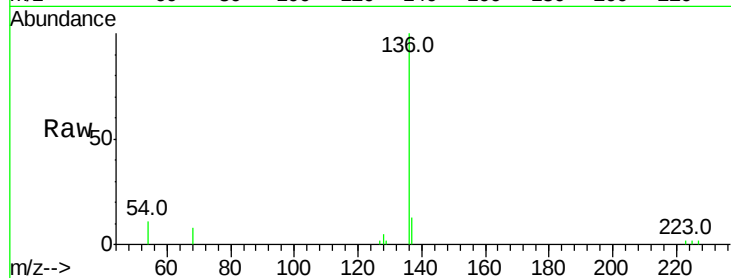
Tot Ion:128 Resp: 206

Ion Ratio Lower Upper

128 100

129 47.8 11.2 16.8#

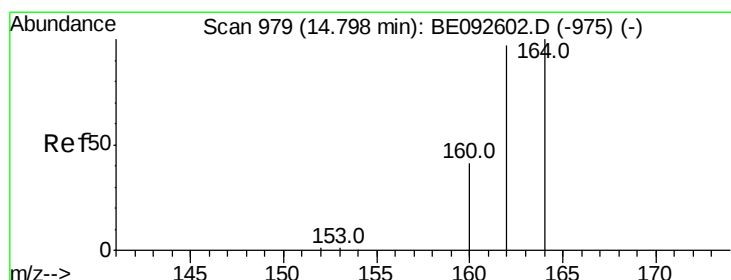
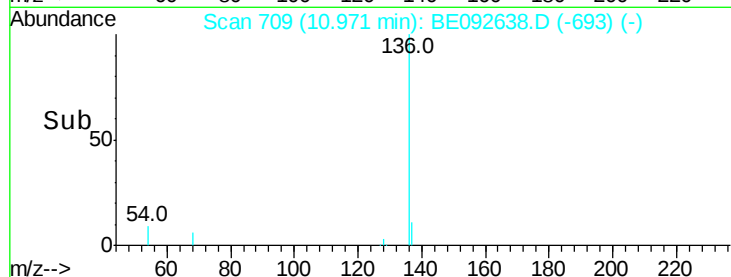
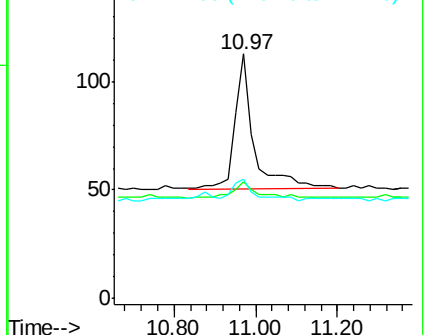
127 48.7 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

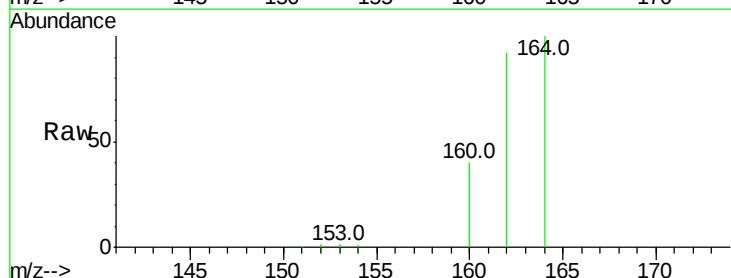
Tgt Ion:164 Resp: 22144

Ion Ratio Lower Upper

164 100

162 92.4 71.4 107.0

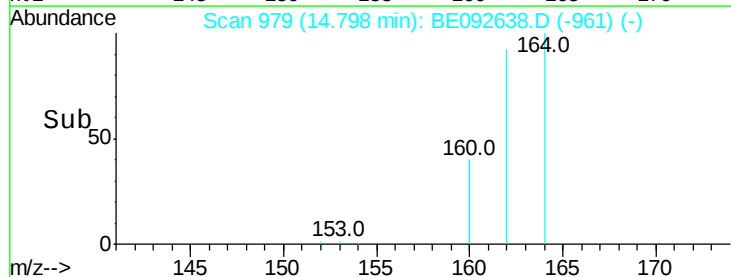
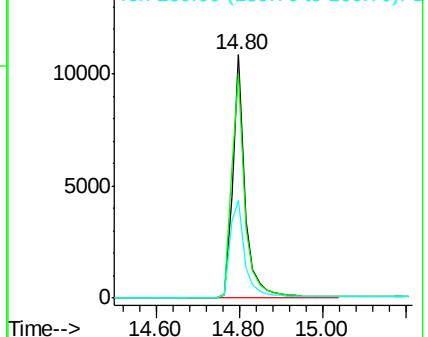
160 39.9 27.4 41.2

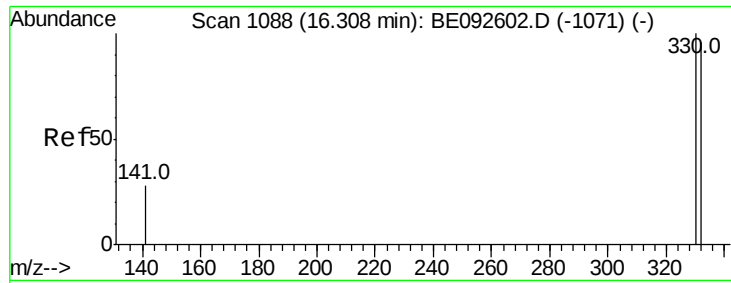


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

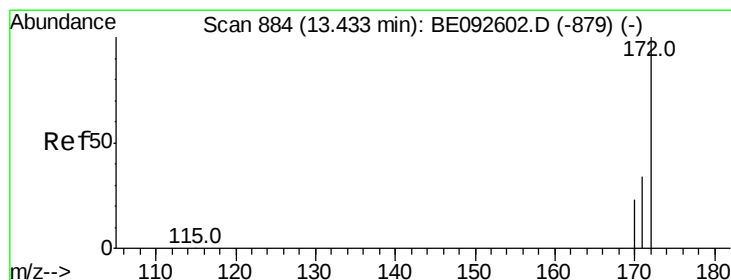
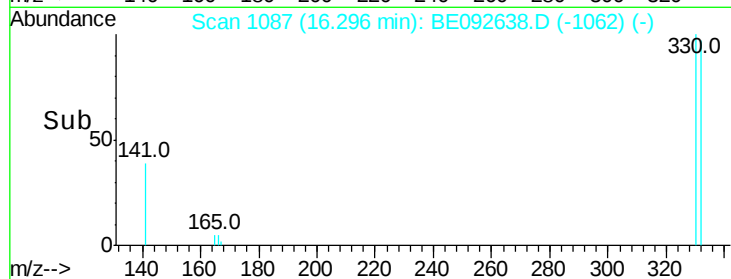
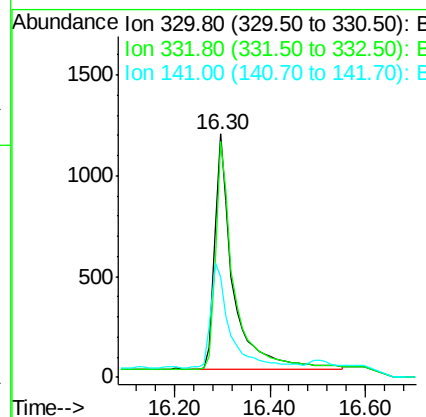
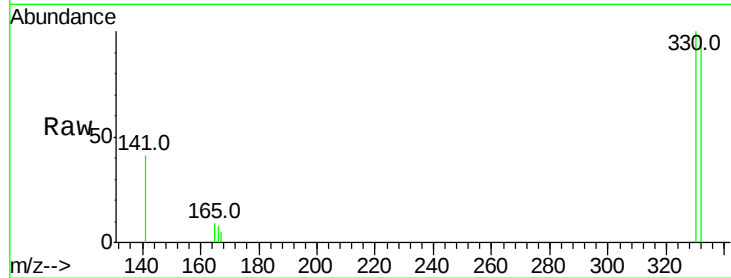




#13
 2,4,6-Tribromophenol
 Concen: 4.99 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092638.D
 Acq: 11 Jan 2017 13:04

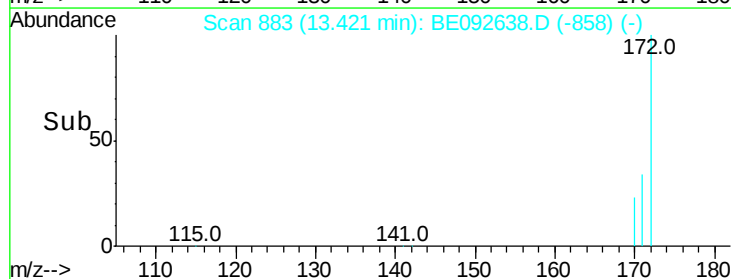
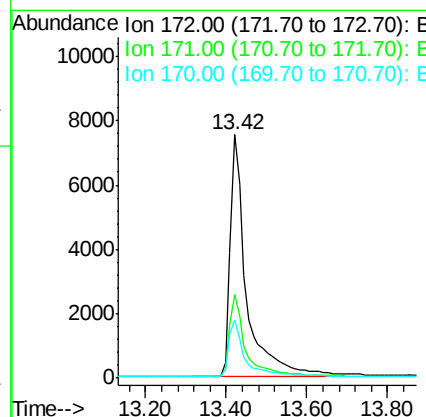
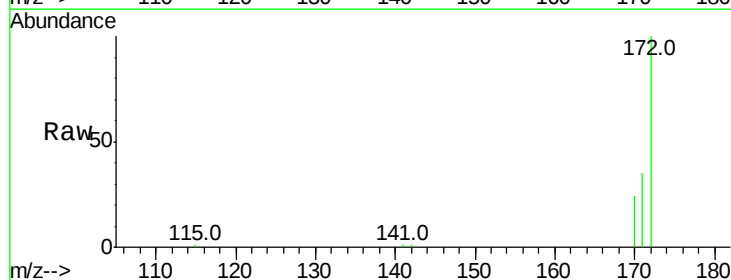
Instrument :
 BNA_E
 ClientSampleId :

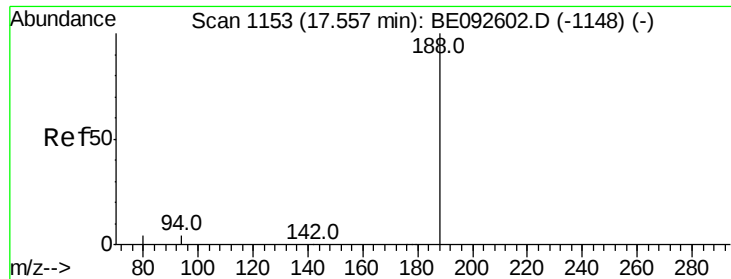
Tot Ion:330 Resp: 3149
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 45.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.02 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092638.D
 Acq: 11 Jan 2017 13:04

Tgt Ion:172 Resp: 21277
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.1 45.1
 170 23.8 21.8 32.6

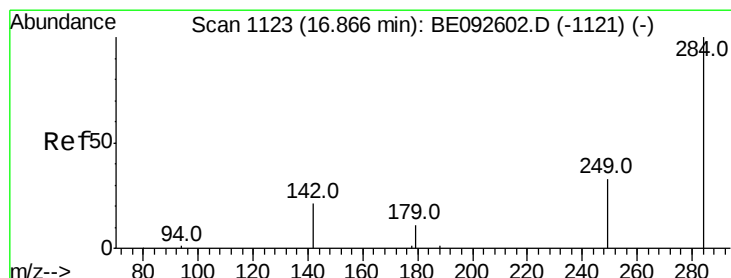
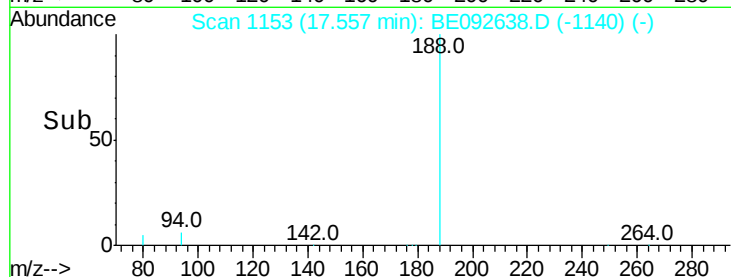
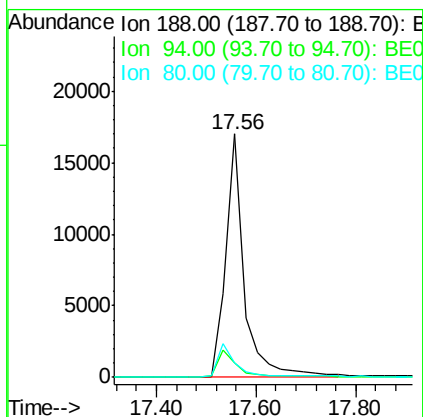
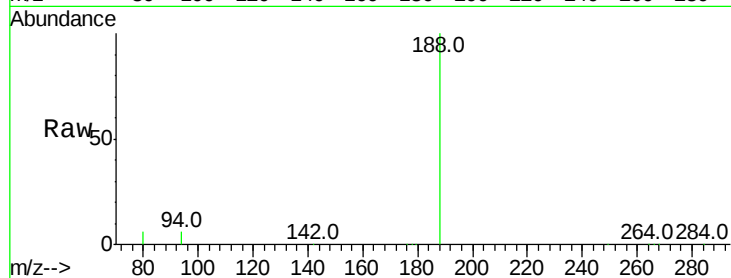




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

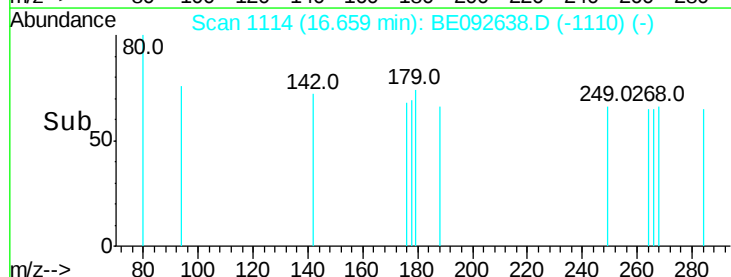
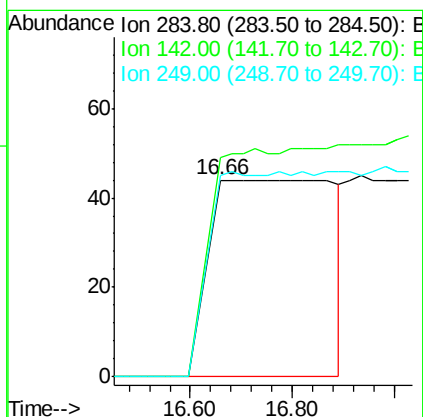
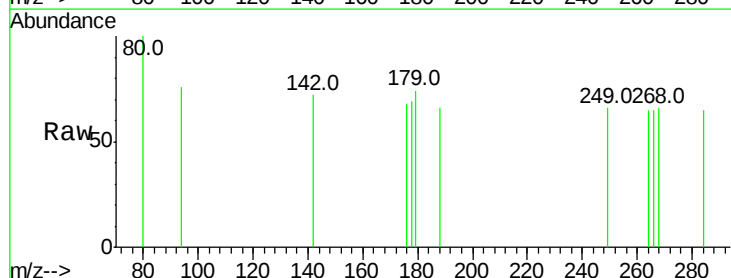
Instrument :
BNA_E
ClientSampleId :

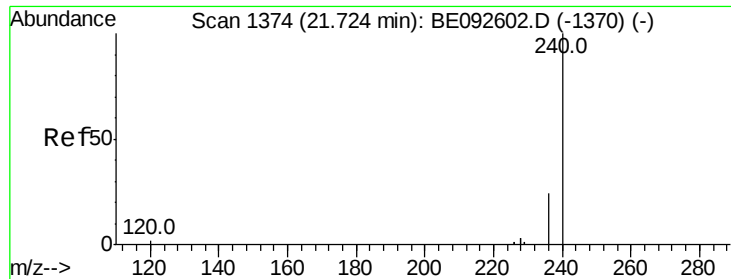
Tot Ion:188 Resp: 43173
Ion Ratio Lower Upper
188 100
94 5.9 3.2 4.8#
80 5.8 2.6 3.8#



#19
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:284 Resp: 769
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

Instrument :

BNA_E

ClientSampleId :

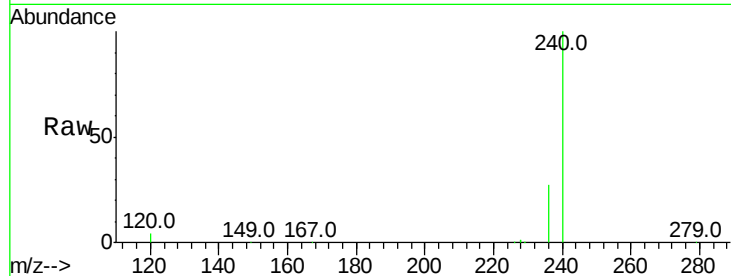
Tot Ion:240 Resp: 55440

Ion Ratio Lower Upper

240 100

120 3.7 2.6 4.0

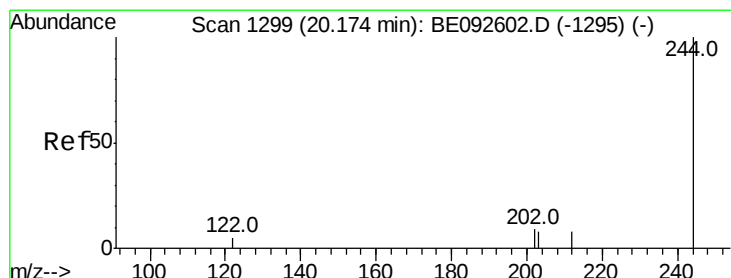
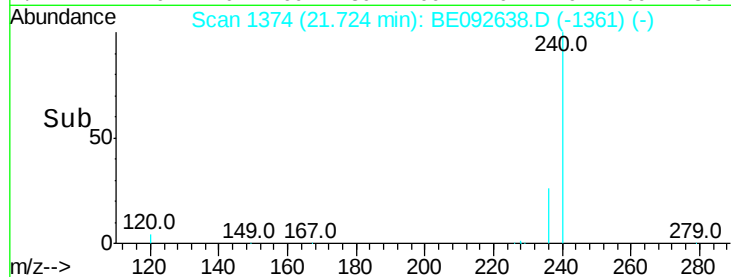
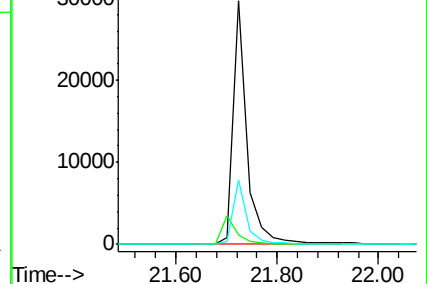
236 26.5 24.6 37.0



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: 3.98 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092638.D

Acq: 11 Jan 2017 13:04

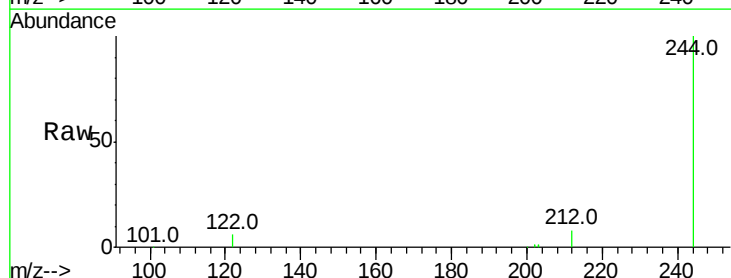
Tgt Ion:244 Resp: 27052

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

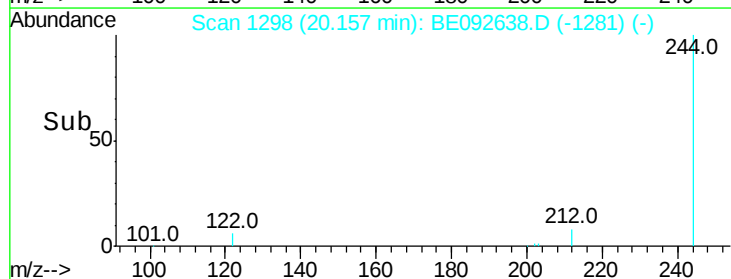
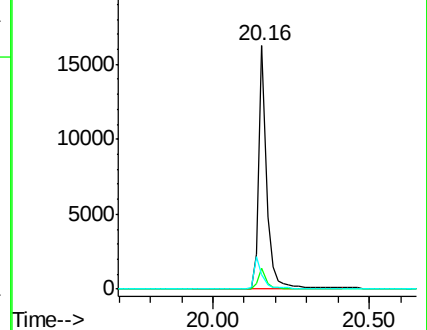
122 6.0 3.6 5.4#

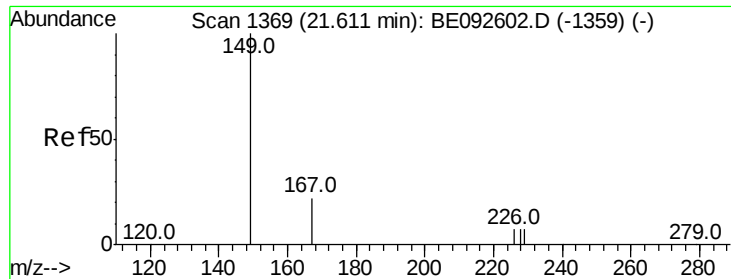


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

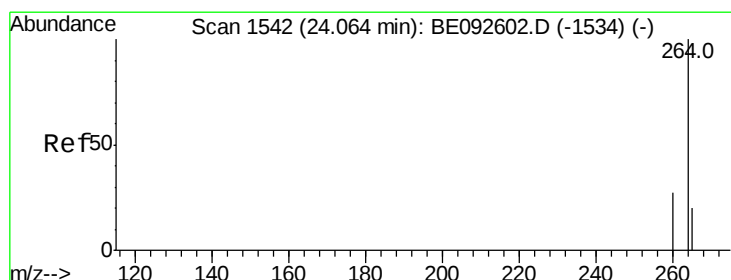
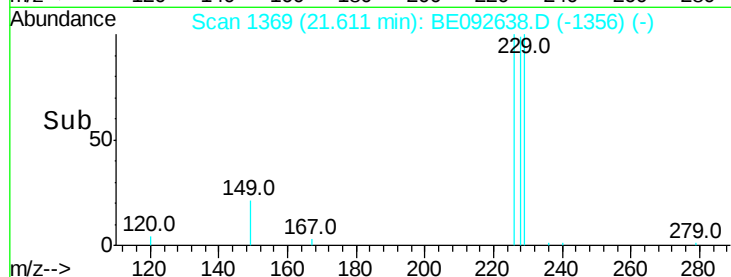
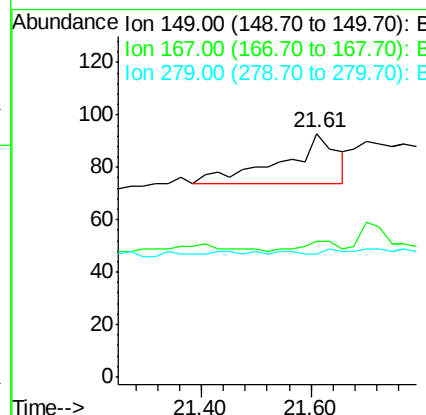
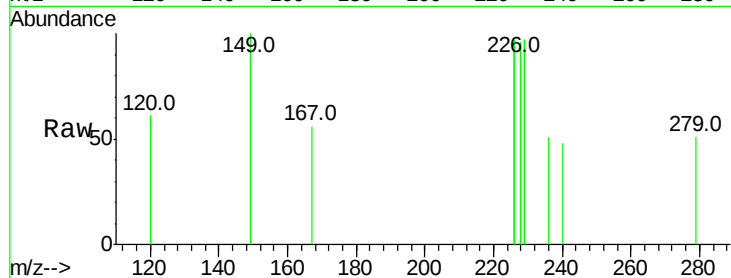




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092638.D
 Acq: 11 Jan 2017 13:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 129
 Ion Ratio Lower Upper
 149 100
 167 14.0 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BE092638.D
 Acq: 11 Jan 2017 13:04

Tgt Ion:264 Resp: 54567
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 22.4 17.9 26.9

