

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121916\
 Data File : BE092609.D
 Acq On : 19 Dec 2016 16:02
 Operator : UM/SJ
 Sample : PB95417BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95417BL

Quant Time: Dec 20 00:51:48 2016
 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

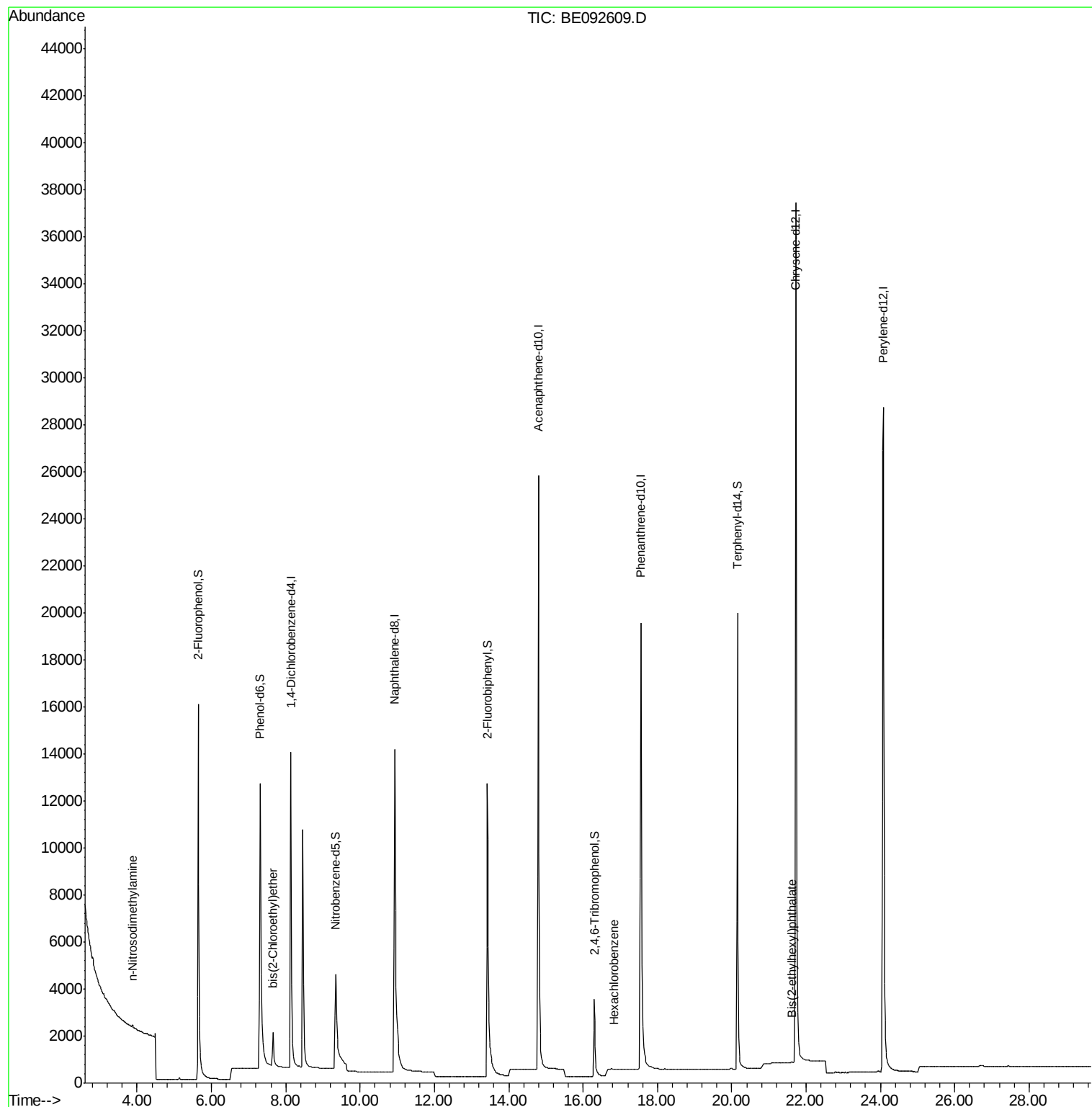
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8455	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	33942	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	20422	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	40719	5.00	ng	0.00
24) Chrysene-d12	21.72	240	50808	5.00	ng	0.00
31) Perylene-d12	24.08	264	51318	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	16036	9.76	ng	-0.04
5) Phenol-d6	7.31	99	20376	8.20	ng	-0.07
8) Nitrobenzene-d5	9.34	82	8932	3.85	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3466	5.92	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	22376	4.58	ng	-0.01
26) Terphenyl-d14	20.16	244	28359	4.55	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.42	88	36	Below Cal	#	19
3) n-Nitrosodimethylamine	3.87	42	66	0.24 ng	#	3
6) bis(2-Chloroethyl)ether	7.66	93	22	0.11 ng	#	1
19) Hexachlorobenzene	16.82	284	1019	0.59 ng	#	39
29) Bis(2-ethylhexyl)phthalate	21.61	149	103	0.08 ng	#	64

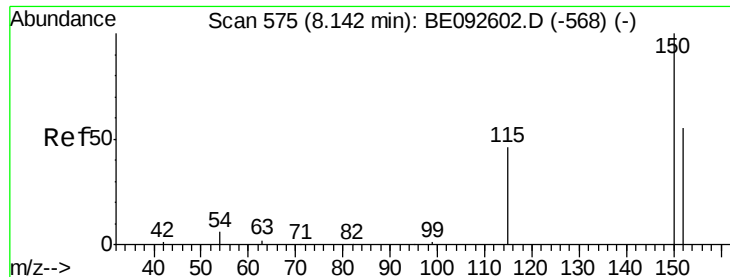
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

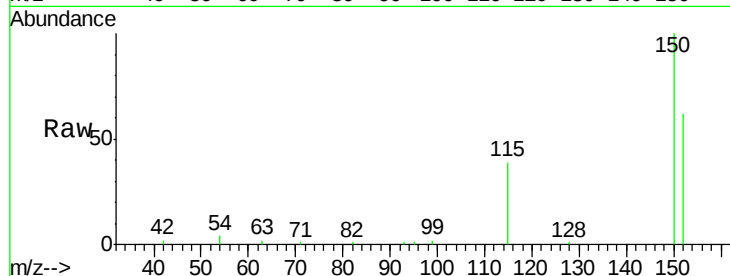
Tgt Ion:152 Resp: 8455

Ion Ratio Lower Upper

152 100

150 161.8 106.0 159.0#

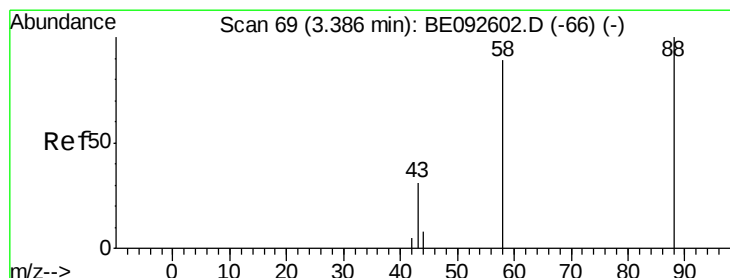
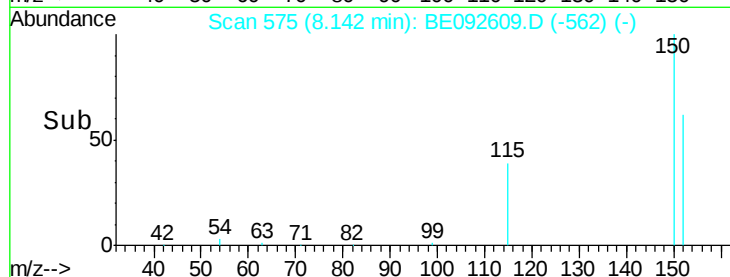
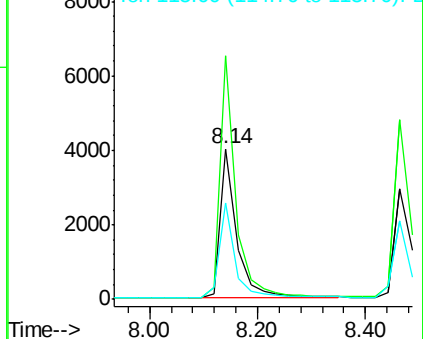
115 63.7 31.2 46.8#



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: 3.42 min Scan# 72

Delta R.T. 0.04 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

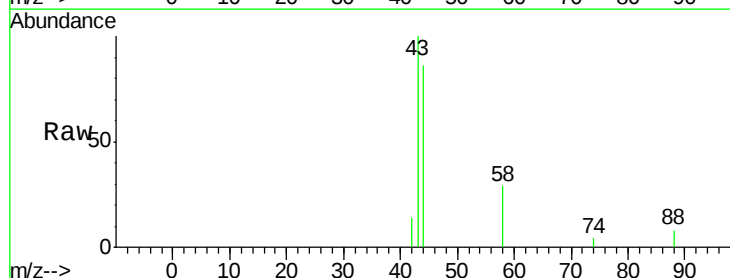
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

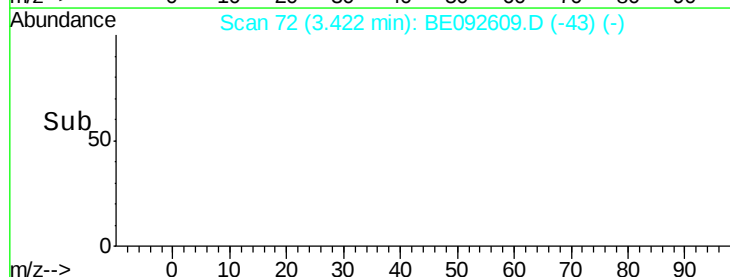
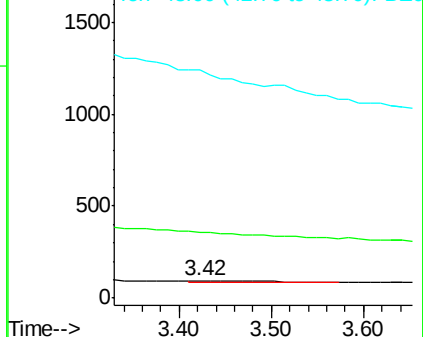
43 0.0 28.0 42.0#

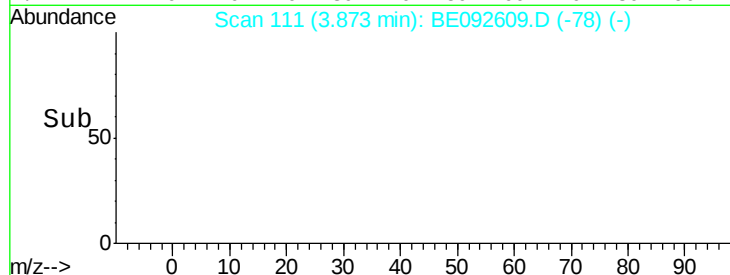
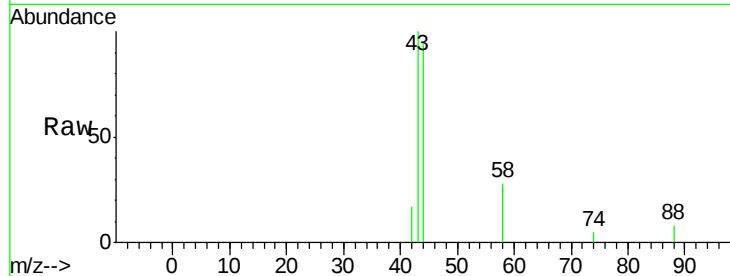
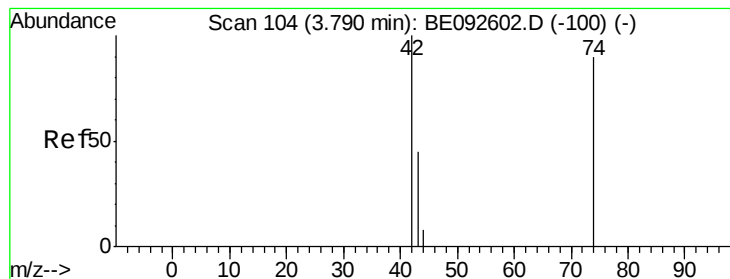


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

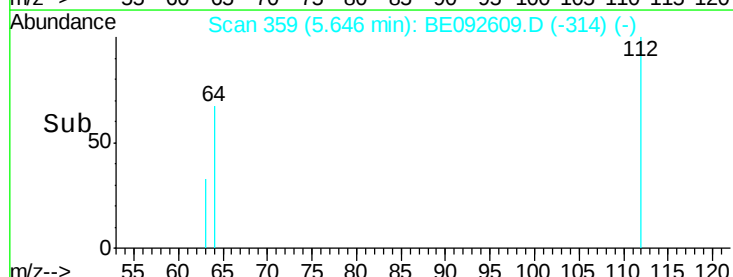
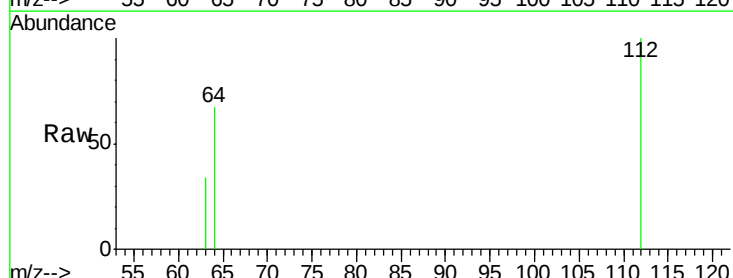
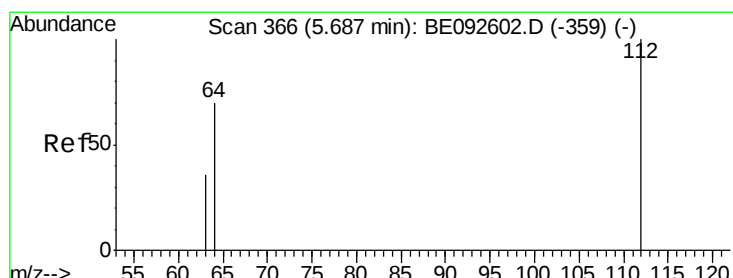
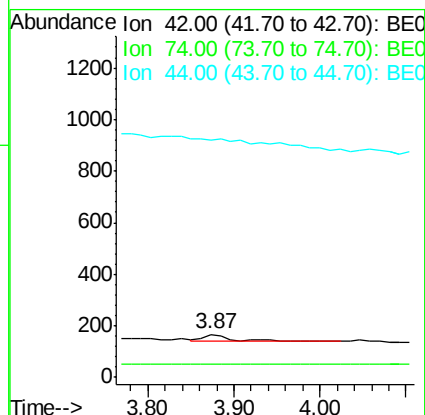
Tgt Ion: 42 Resp: 66

Ion Ratio Lower Upper

42 100

74 1.5 86.0 129.0#

44 0.0 5.1 7.7#



#4

2-Fluorophenol

Concen: 9.76 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

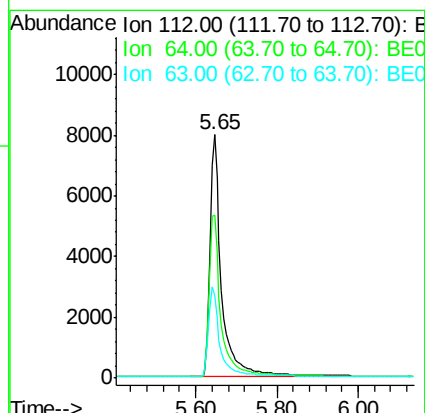
Tgt Ion: 112 Resp: 16036

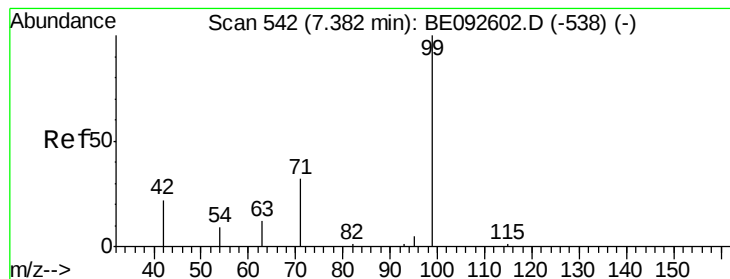
Ion Ratio Lower Upper

112 100

64 68.9 53.5 80.3

63 36.9 27.9 41.9





#5

Phenol-d6

Concen: 8.20 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

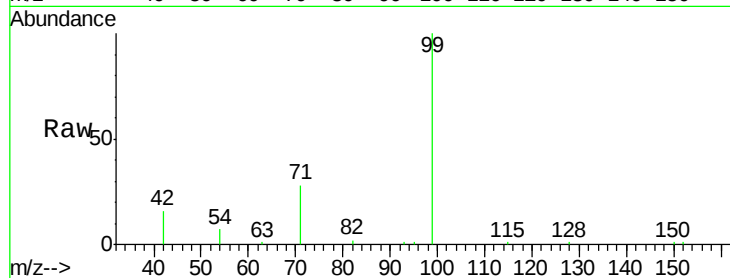
Tgt Ion: 99 Resp: 20376

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

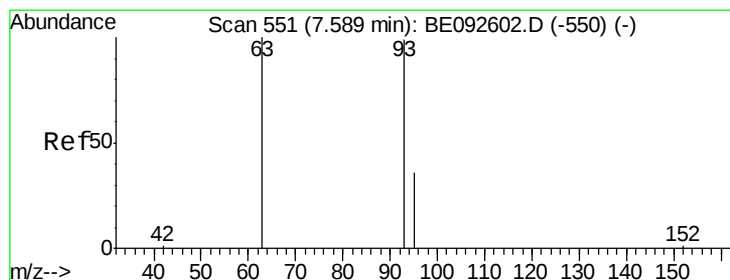
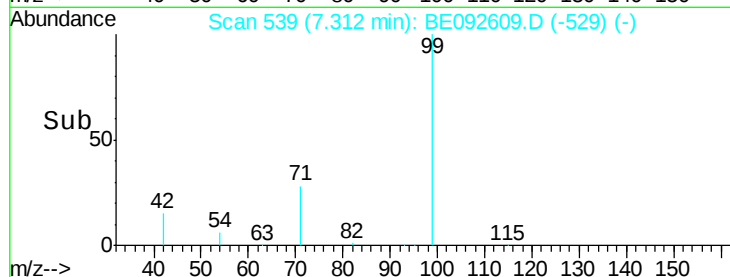
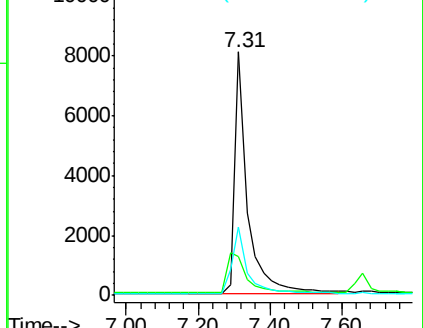
71 32.9 30.6 45.8



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: 0.11 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

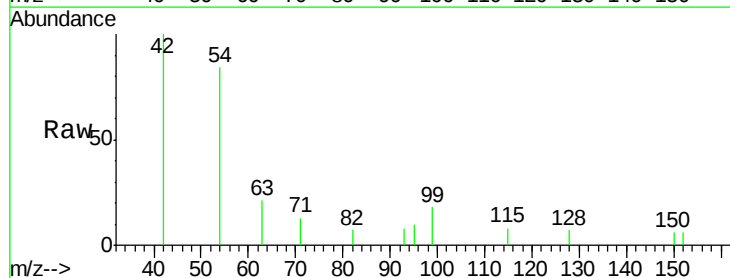
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

63 1018.2 71.6 107.4#

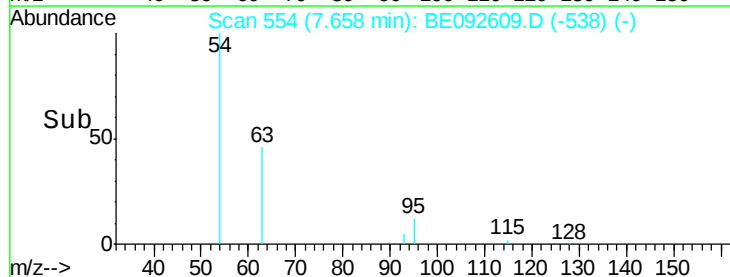
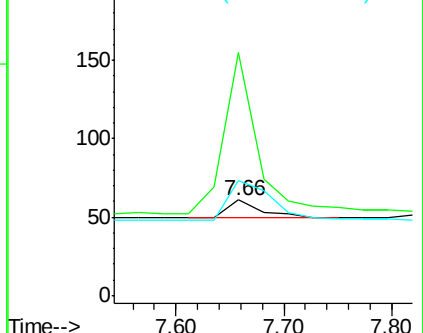
95 331.8 24.0 36.0#

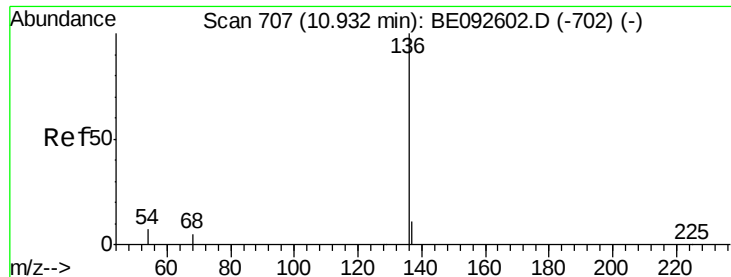


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

Tgt Ion:136 Resp: 33942

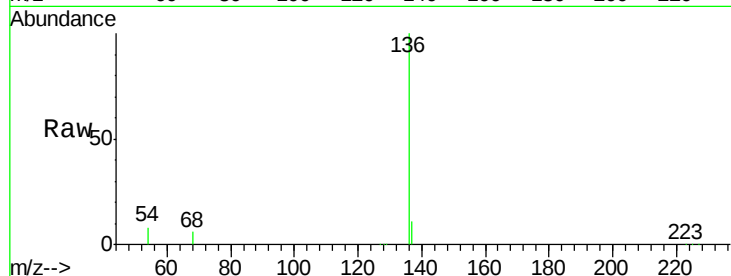
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 8.4 9.6 14.4#

68 6.1 6.7 10.1#

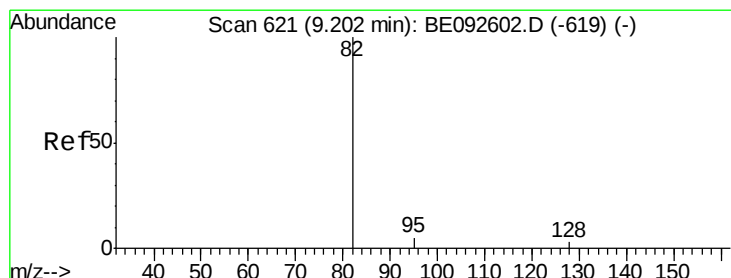
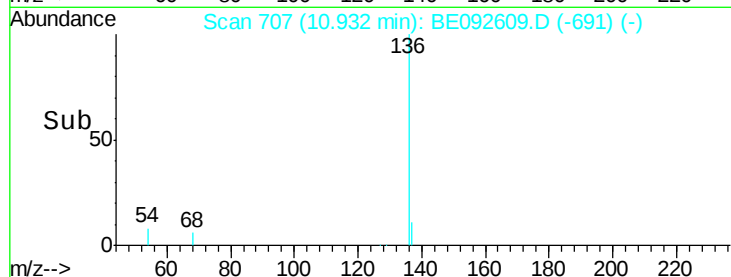
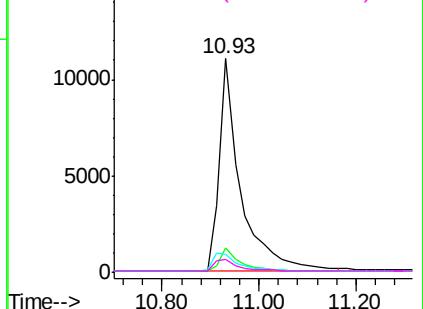


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.85 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

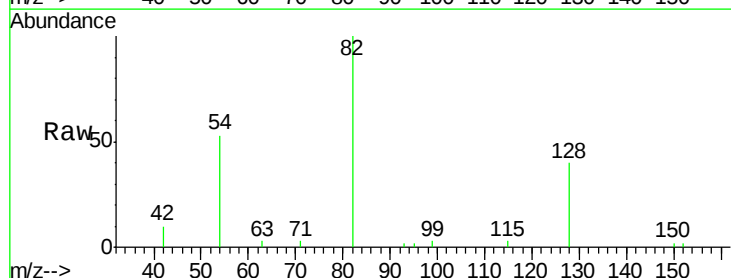
Tgt Ion: 82 Resp: 8932

Ion Ratio Lower Upper

82 100

128 40.2 39.0 58.4

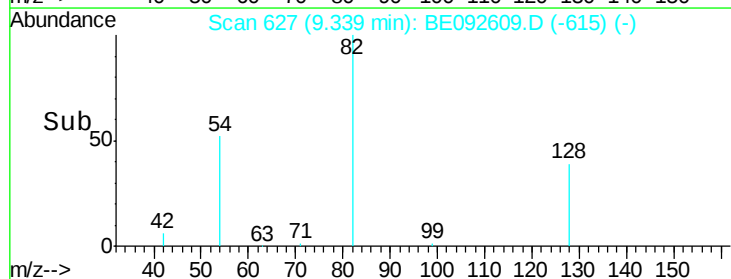
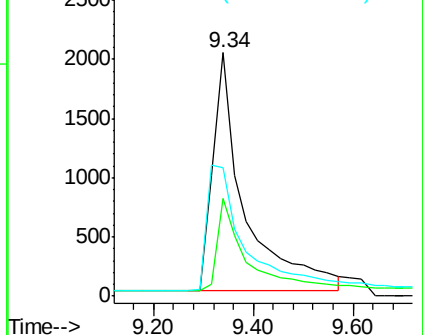
54 52.9 44.8 67.2

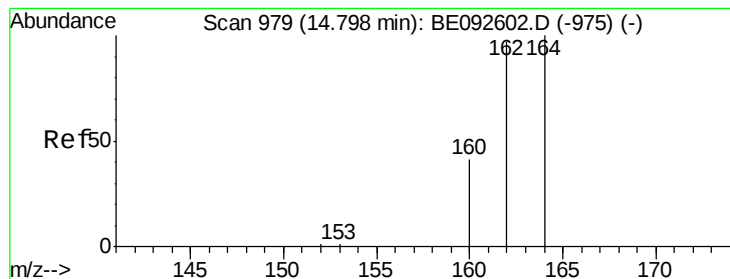


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

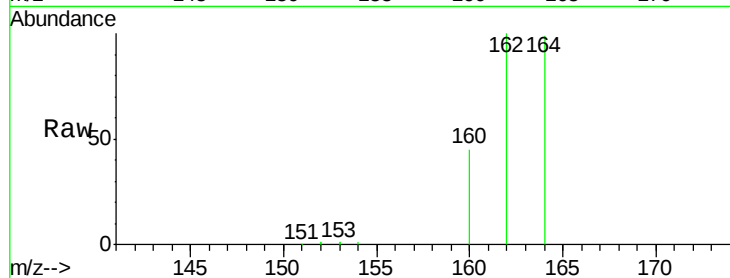
Tgt Ion:164 Resp: 20422

Ion Ratio Lower Upper

164 100

162 101.2 71.4 107.0

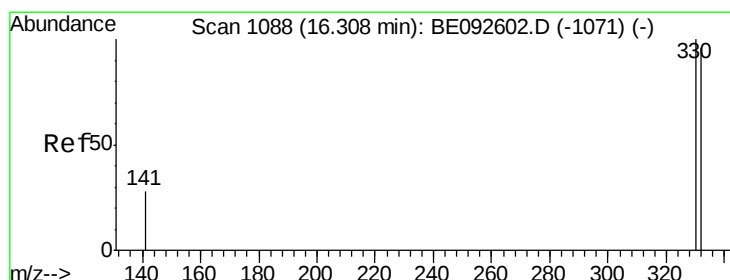
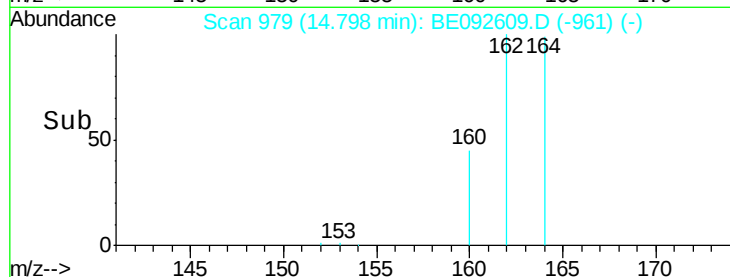
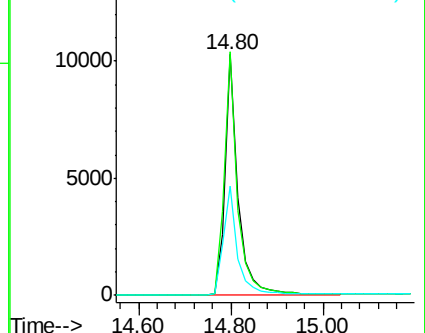
160 45.4 27.4 41.2#



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: 5.92 ng

RT: 16.30 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

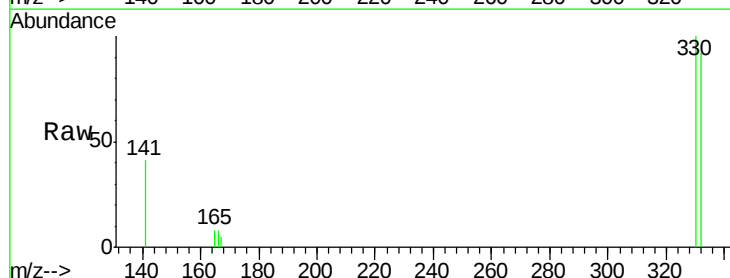
Tgt Ion:330 Resp: 3466

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.0

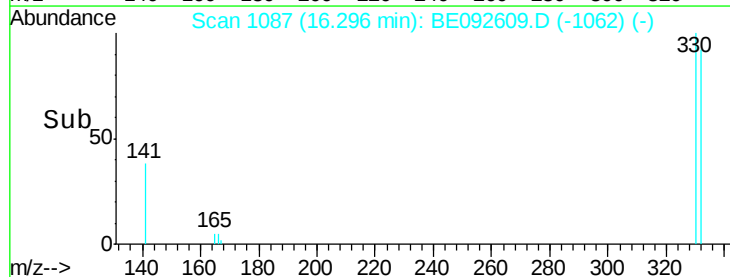
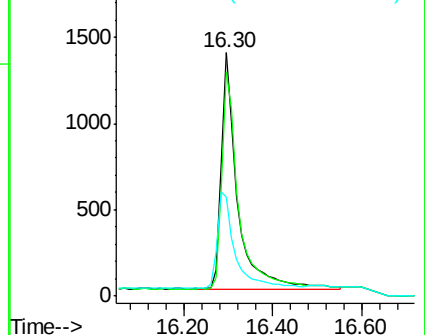
141 44.4 31.0 46.6

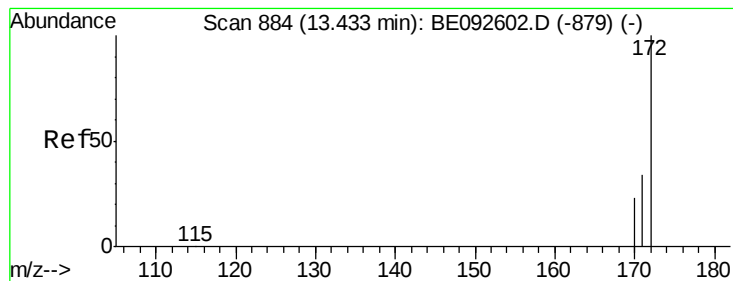


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

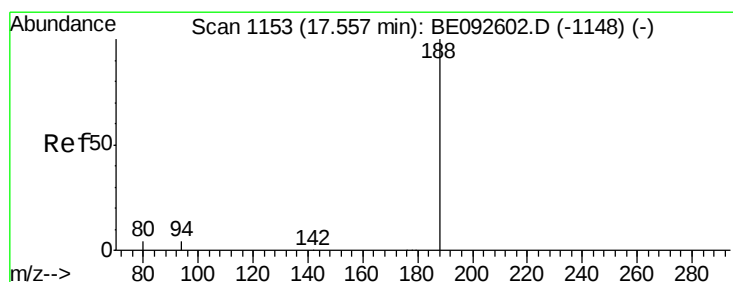
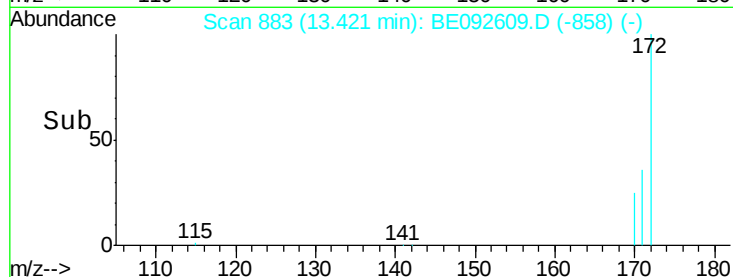
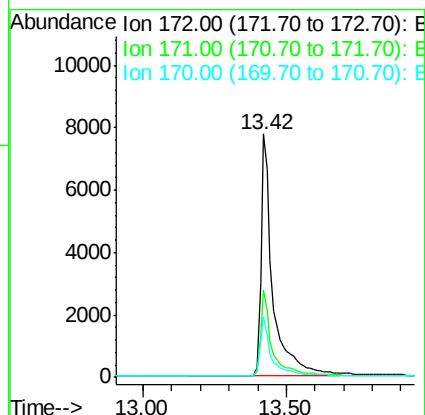
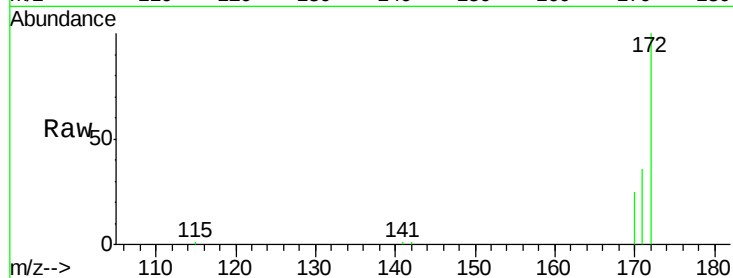




#14
 2-Fluorobiphenyl
 Concen: 4.58 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092609.D
 Acq: 19 Dec 2016 16:02

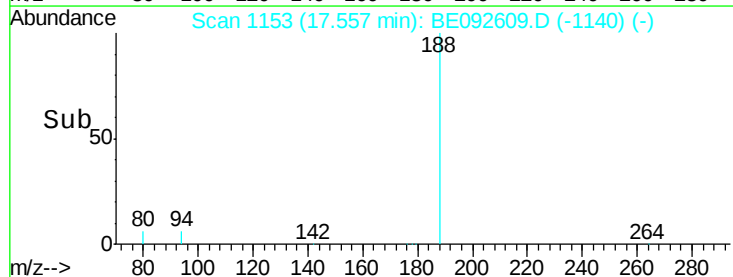
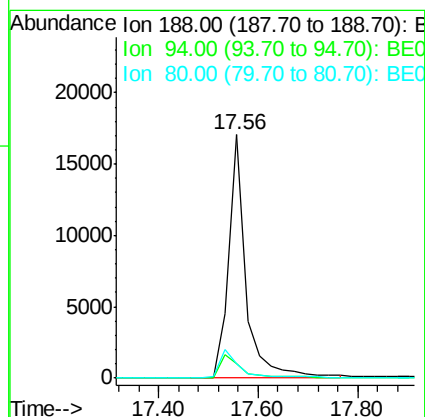
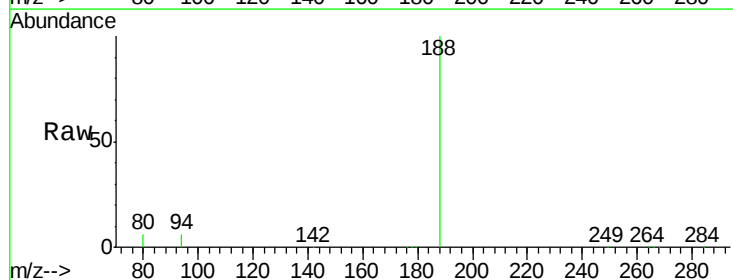
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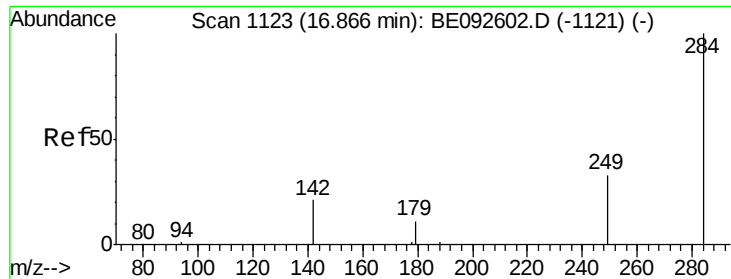
Tgt Ion:172 Resp: 22376
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.1 45.1
 170 24.9 21.8 32.6



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092609.D
 Acq: 19 Dec 2016 16:02

Tgt Ion:188 Resp: 40719
 Ion Ratio Lower Upper
 188 100
 94 6.1 3.2 4.8#
 80 5.9 2.6 3.8#

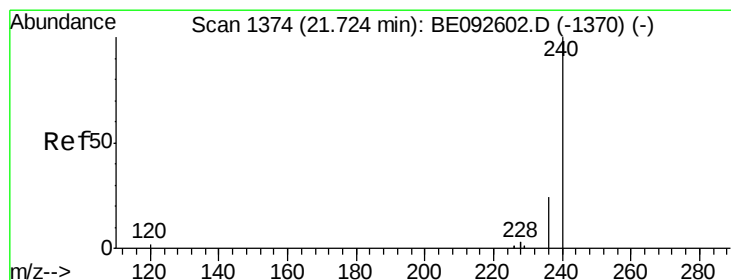
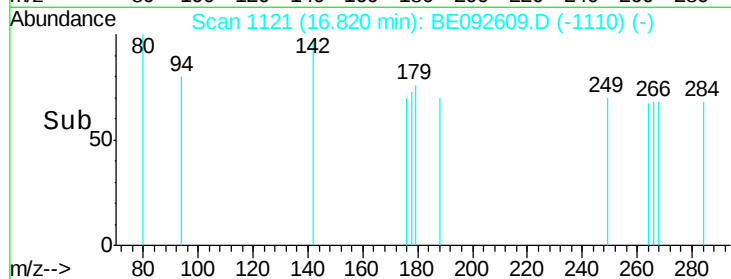
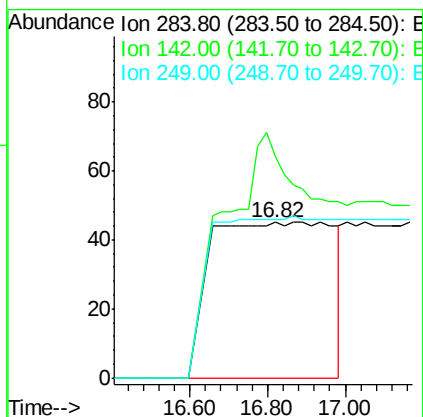
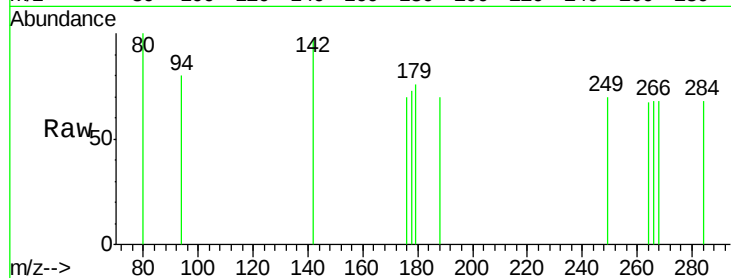




#19
Hexachlorobenzene
Concen: 0.59 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.05 min
Lab File: BE092609.D
Acq: 19 Dec 2016 16:02

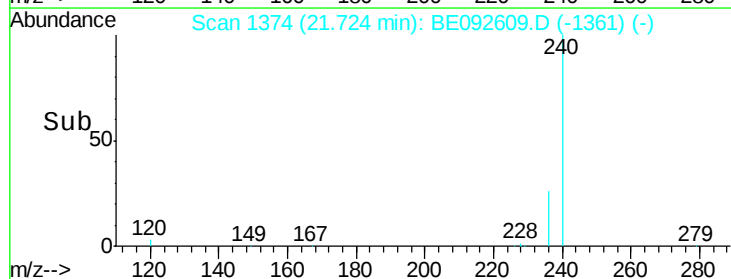
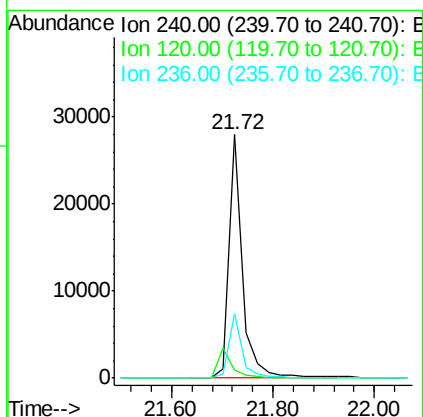
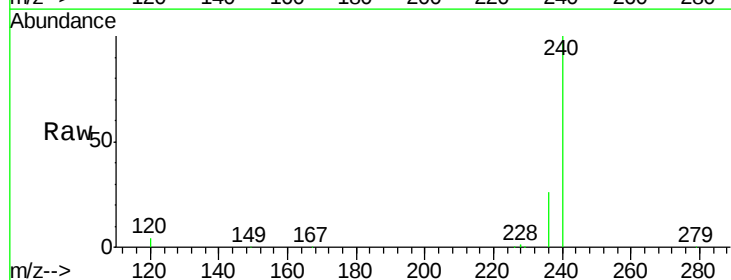
Instrument :
BNA_E
ClientSampleId :
PB95417BL

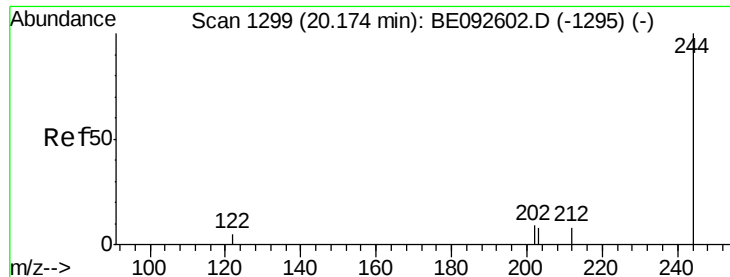
Tgt Ion: 284 Resp: 1019
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092609.D
Acq: 19 Dec 2016 16:02

Tgt Ion: 240 Resp: 50808
Ion Ratio Lower Upper
240 100
120 3.5 2.6 4.0
236 26.5 24.6 37.0

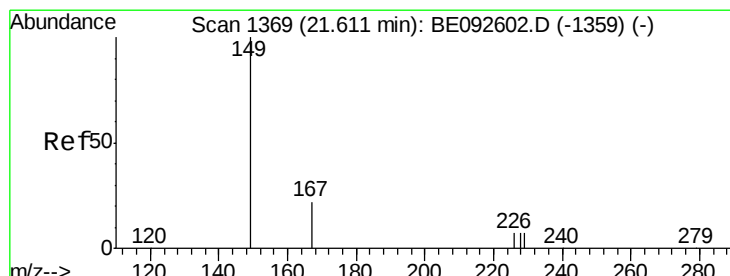
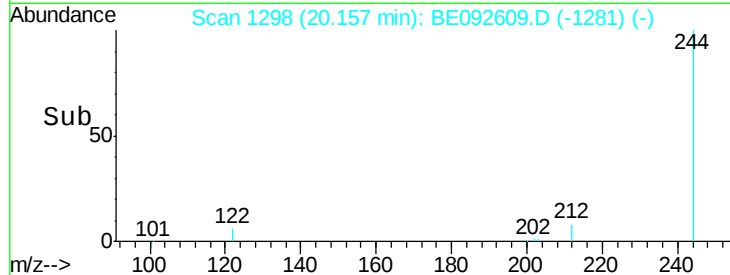
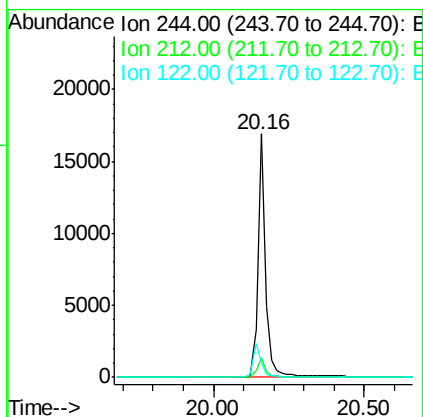
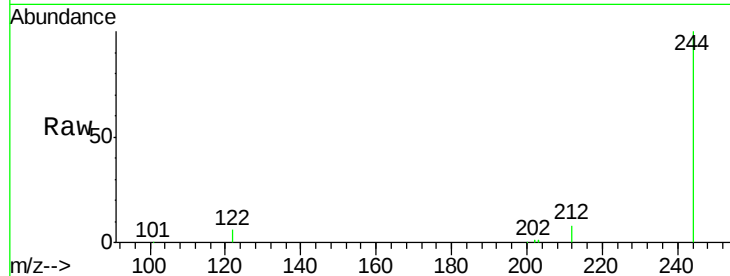




#26
 Terphenyl-d14
 Concen: 4.55 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092609.D
 Acq: 19 Dec 2016 16:02

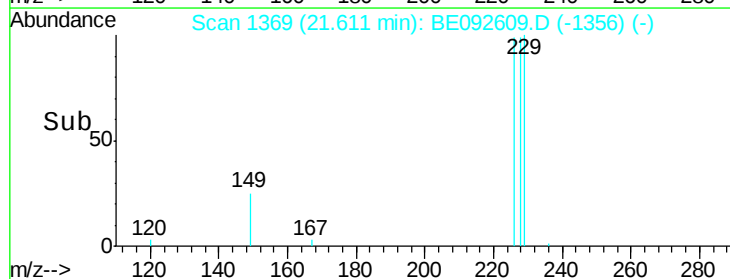
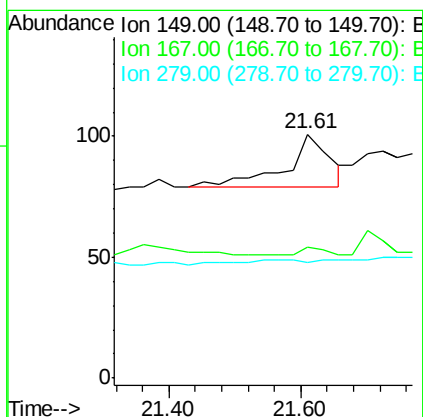
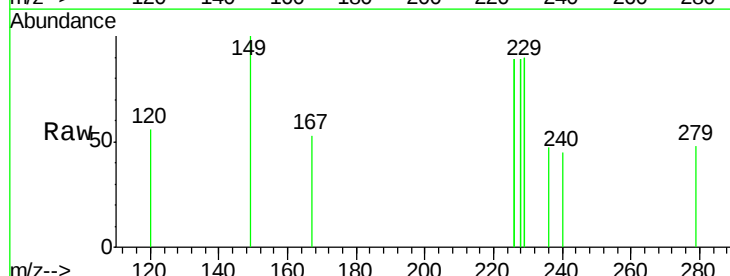
Instrument :
 BNA_E
 ClientSampleId :
 PB95417BL

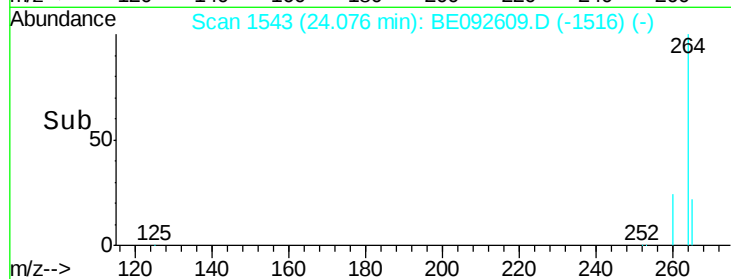
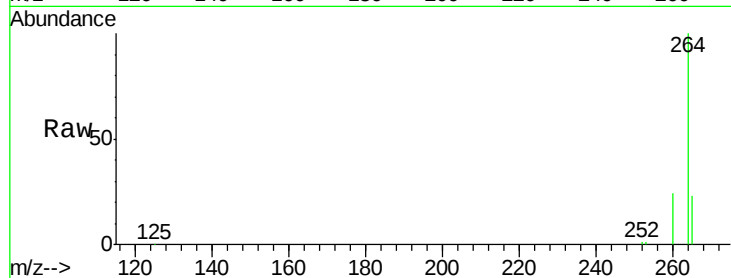
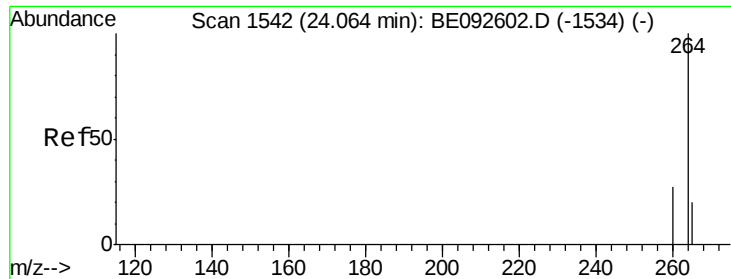
Tgt Ion: 244 Resp: 28359
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.0 3.6 5.4#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092609.D
 Acq: 19 Dec 2016 16:02

Tgt Ion: 149 Resp: 103
 Ion Ratio Lower Upper
 149 100
 167 6.8 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: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

Tgt Ion: 264 Resp: 51318

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 23.0 17.9 26.9

