

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
 Data File : BE092361.D
 Acq On : 9 Sep 2016 19:02
 Operator : UM/SJ
 Sample : PB93333BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93333BL

Quant Time: Sep 10 02:08:49 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

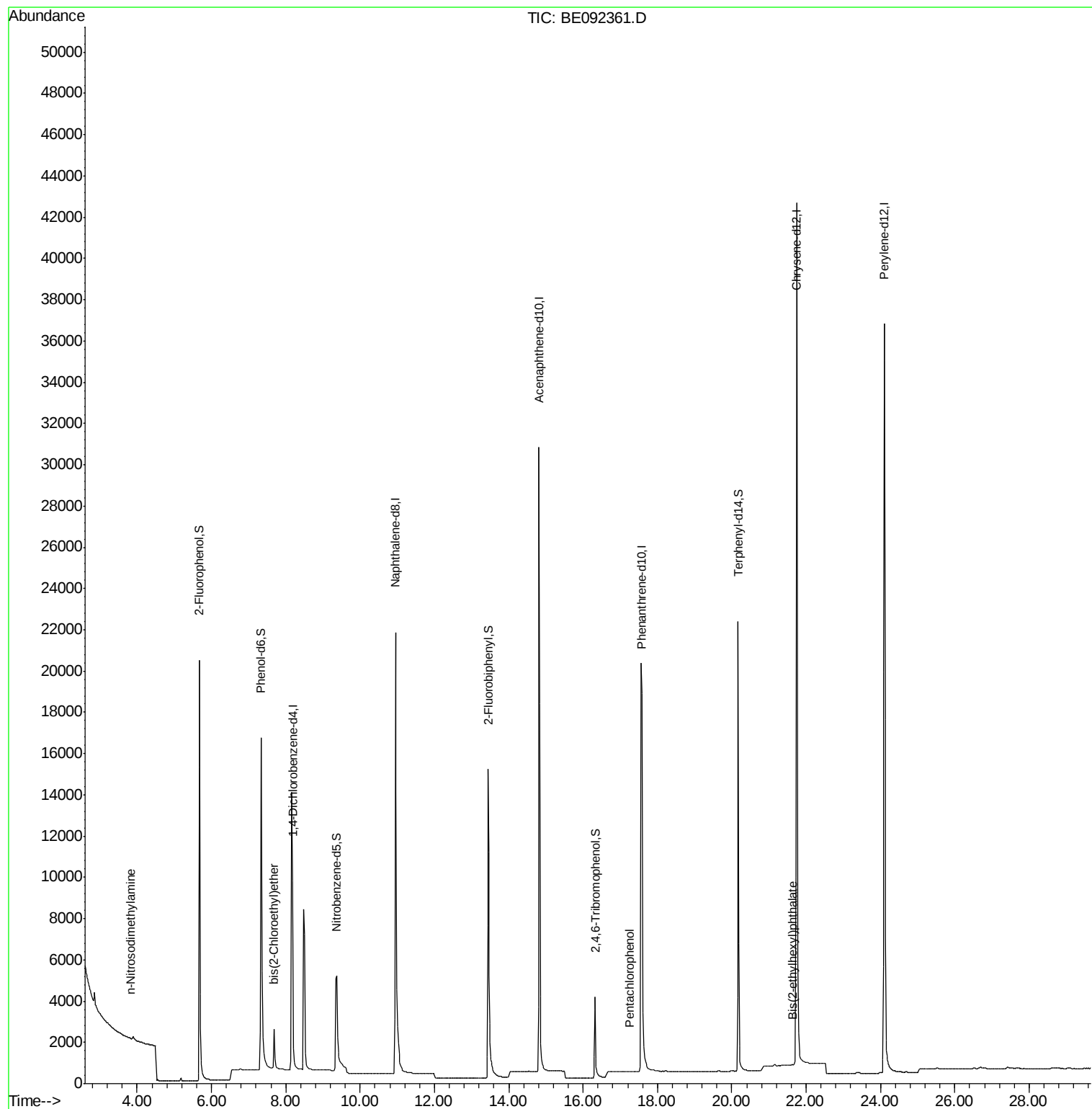
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	9984	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	42434	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	23168	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	48338	5.00	ng	0.02
24) Chrysene-d12	21.75	240	56808	5.00	ng	0.00
31) Perylene-d12	24.10	264	60706	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	17419	7.34	ng	-0.01
5) Phenol-d6	7.34	99	21831	6.89	ng	-0.02
8) Nitrobenzene-d5	9.36	82	8809	2.89	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	3723	5.19	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	21831	3.07	ng	0.00
26) Terphenyl-d14	20.17	244	28490	3.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.43	88	20	Below Cal	#	19
3) n-Nitrosodimethylamine	3.82	42	14	0.09 ng	#	2
6) bis(2-Chloroethyl)ether	7.68	93	19	0.08 ng	#	1
20) Pentachlorophenol	17.26	266	1	0.06 ng	#	72
28) Chrysene	21.72	228	1019	Below Cal	#	74
29) Bis(2-ethylhexyl)phthalate	21.63	149	96	0.10 ng	#	62

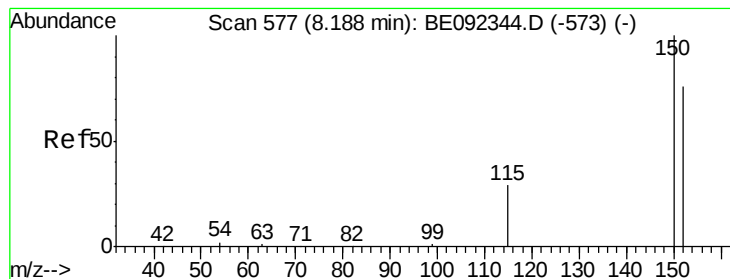
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092361.D
Acq On : 9 Sep 2016 19:02
Operator : UM/SJ
Sample : PB93333BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93333BL

Quant Time: Sep 10 02:08:49 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

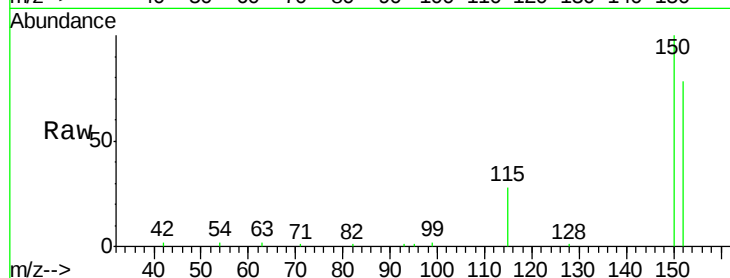
Tgt Ion: 152 Resp: 9984

Ion Ratio Lower Upper

152 100

150 128.2 106.0 159.0

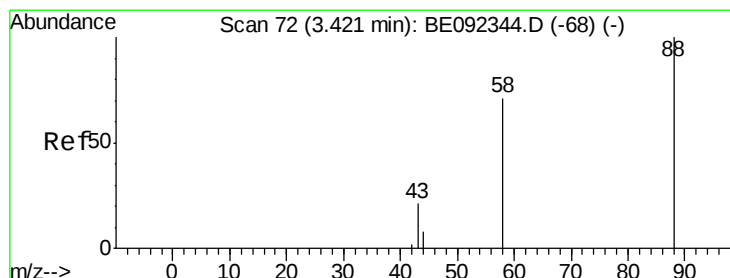
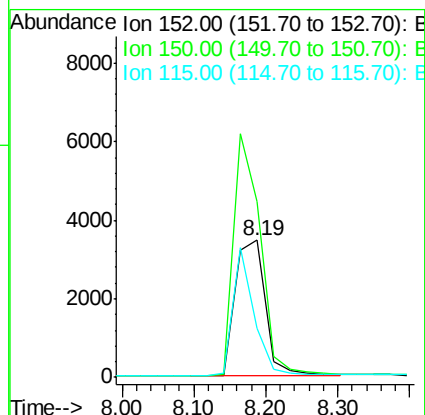
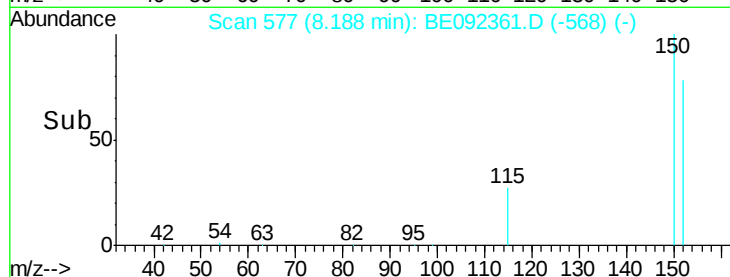
115 35.8 31.2 46.8



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: 3.43 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

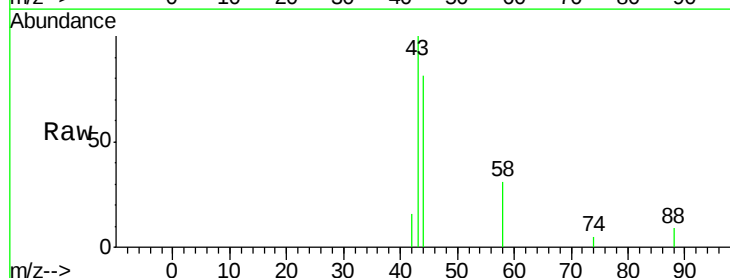
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

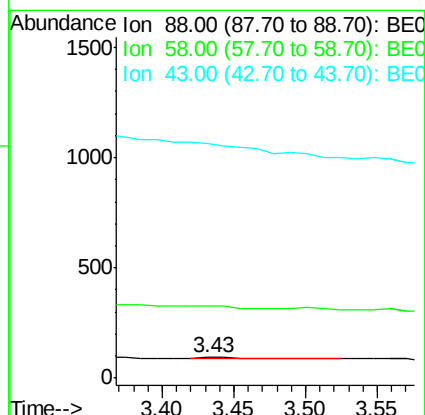
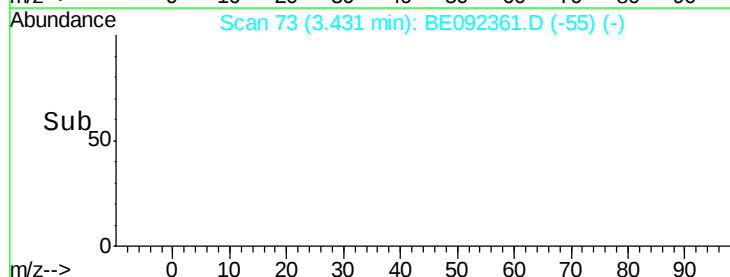
43 0.0 28.0 42.0#

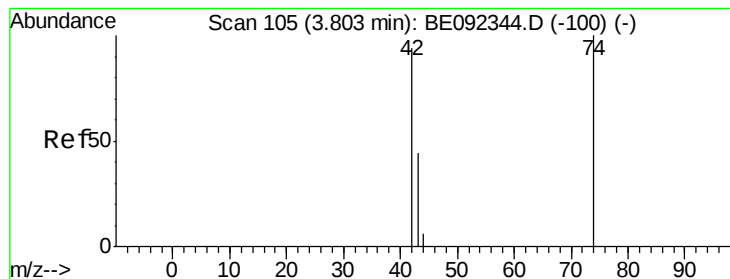


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.82 min Scan# 107

Delta R.T. 0.02 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

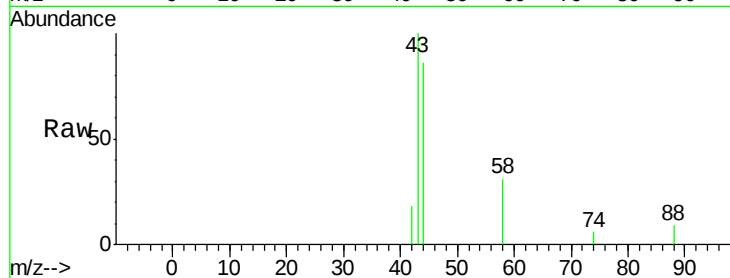
Tgt Ion: 42 Resp: 14

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

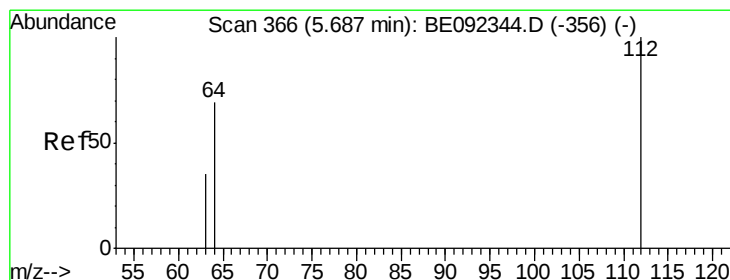
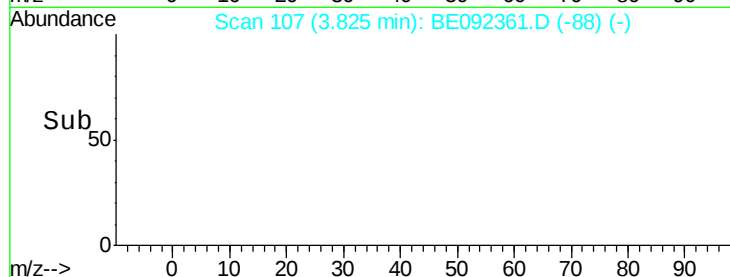
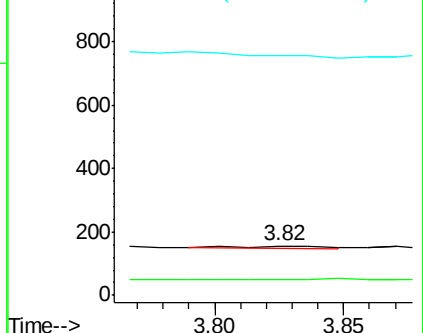
44 0.0 5.1 7.7#



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: 7.34 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

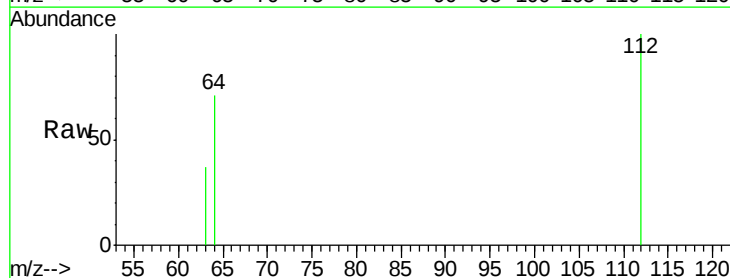
Tgt Ion: 112 Resp: 17419

Ion Ratio Lower Upper

112 100

64 67.5 53.5 80.3

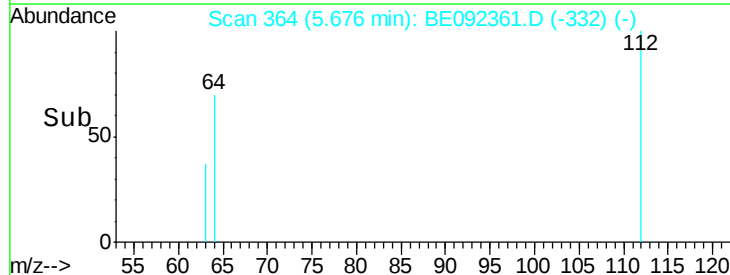
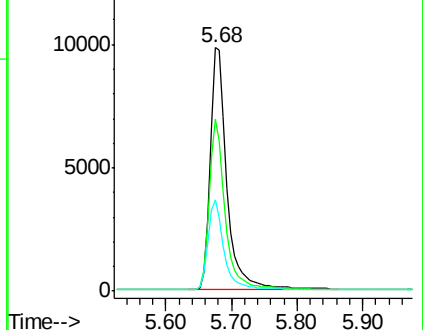
63 36.0 27.9 41.9

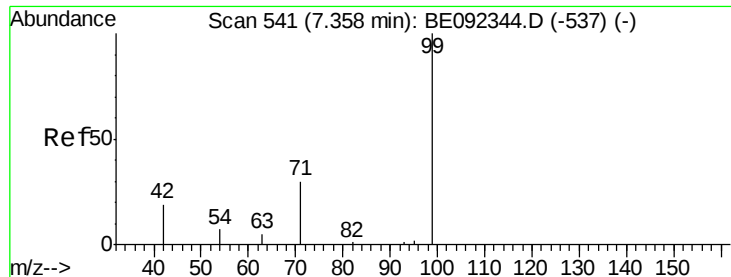


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.89 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

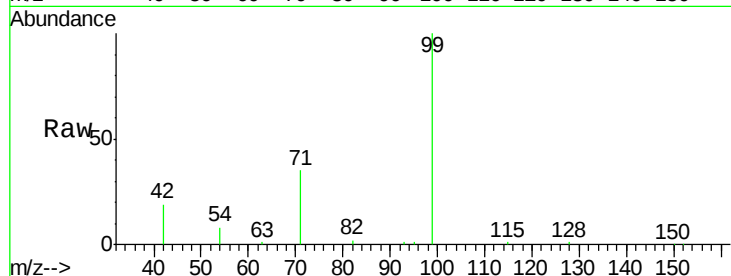
Tgt Ion: 99 Resp: 21831

Ion Ratio Lower Upper

99 100

42 22.4 16.0 24.0

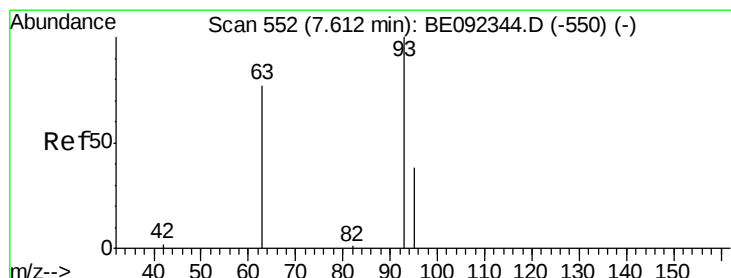
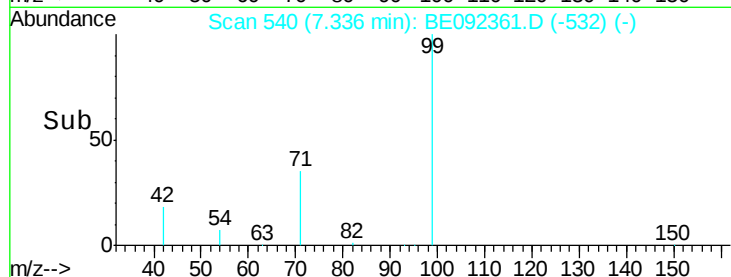
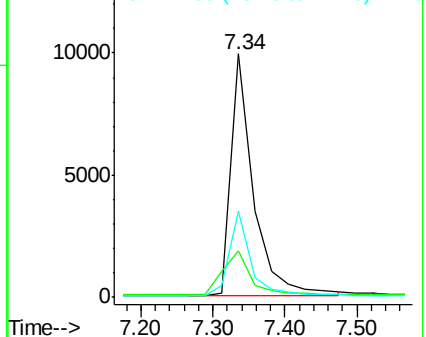
71 33.7 30.6 45.8



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: 0.08 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

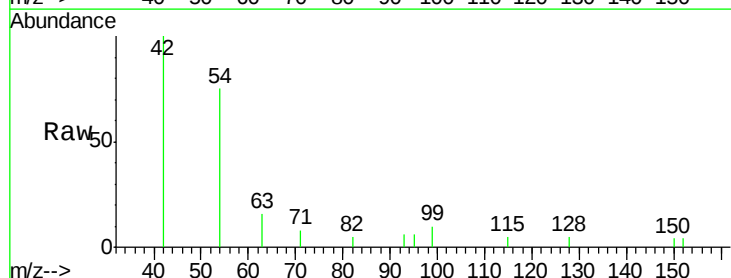
Tgt Ion: 93 Resp: 19

Ion Ratio Lower Upper

93 100

63 1200.0 71.6 107.4#

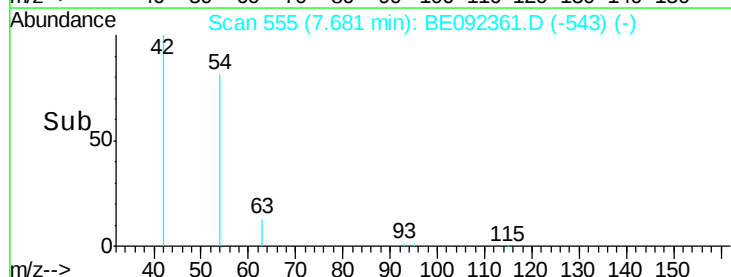
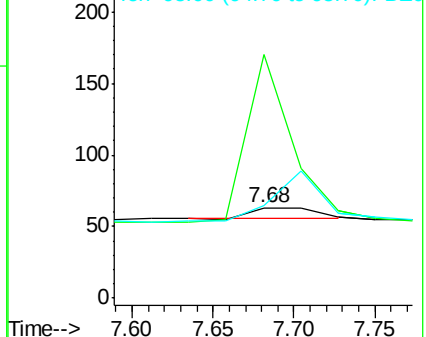
95 0.0 24.0 36.0#

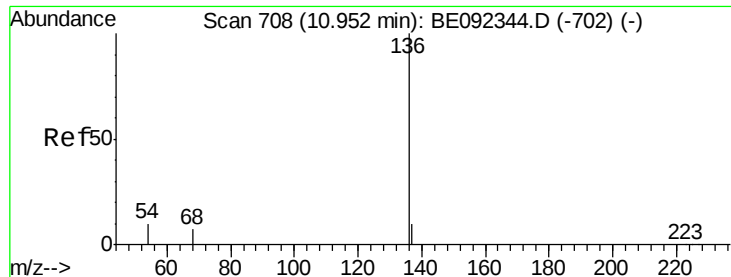


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

Tgt Ion:136 Resp: 42434

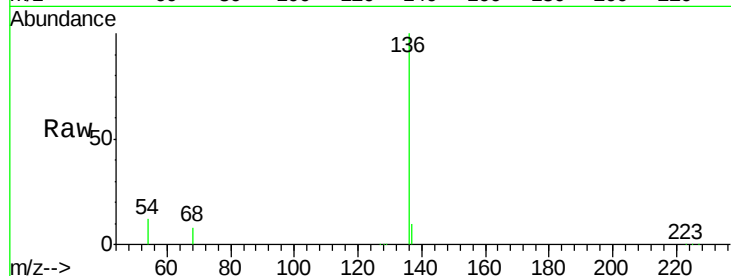
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 11.7 9.6 14.4

68 8.2 6.7 10.1

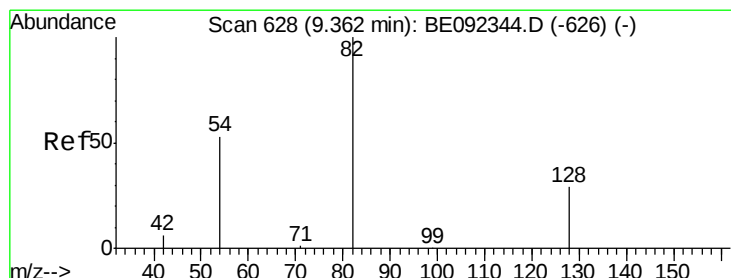
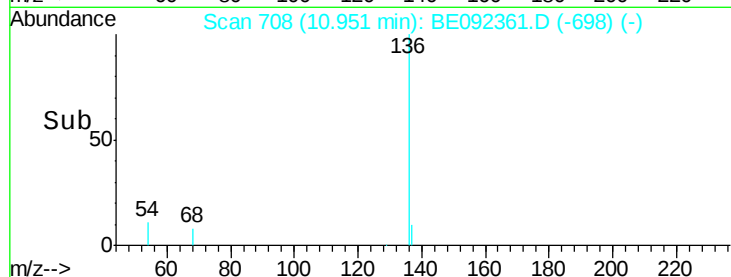
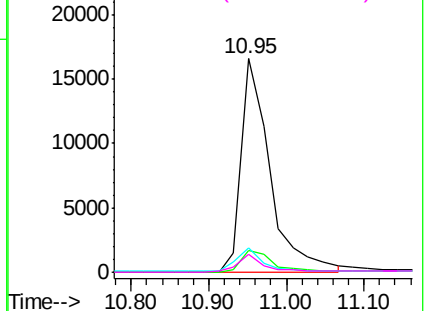


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.89 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

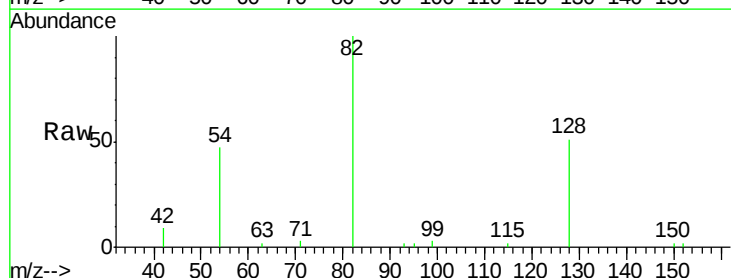
Tgt Ion: 82 Resp: 8809

Ion Ratio Lower Upper

82 100

128 50.8 39.0 58.4

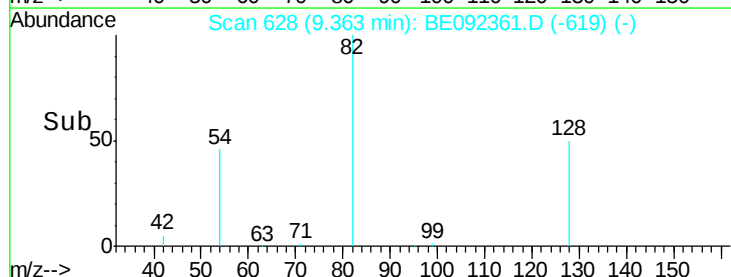
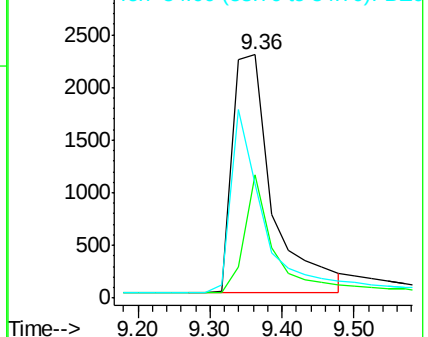
54 46.8 44.8 67.2

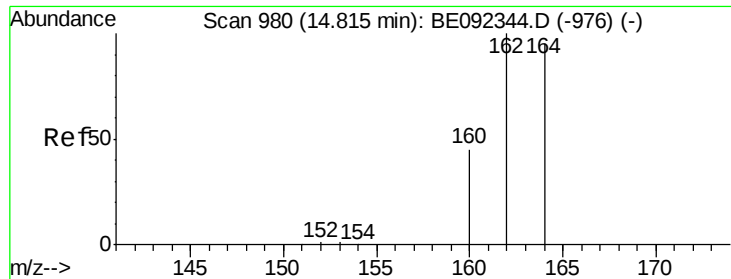


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

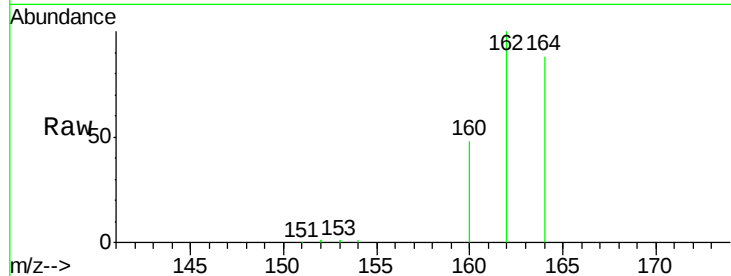
Tgt Ion:164 Resp: 23168

Ion Ratio Lower Upper

164 100

162 113.5 71.4 107.0#

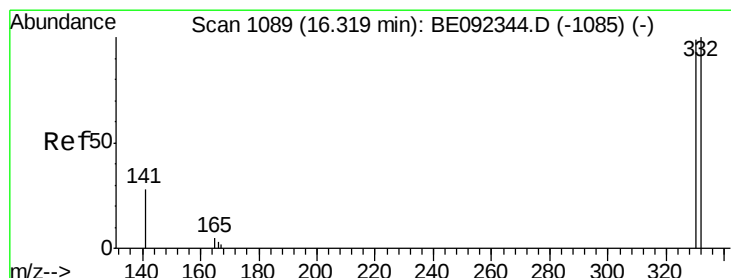
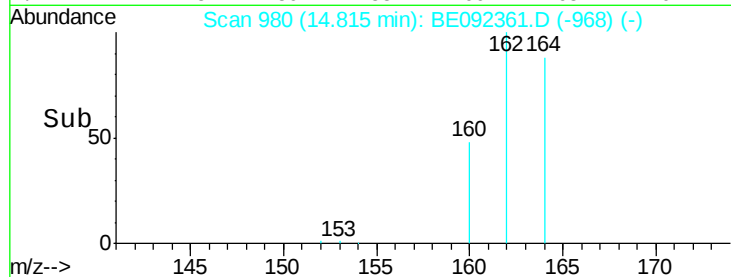
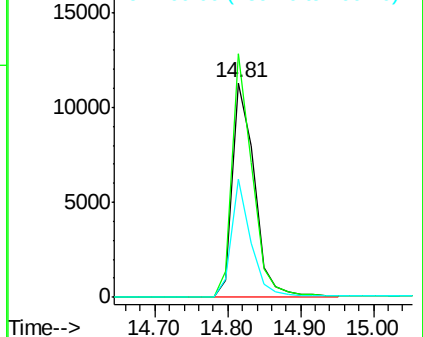
160 54.8 27.4 41.2#



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: 5.19 ng

RT: 16.32 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

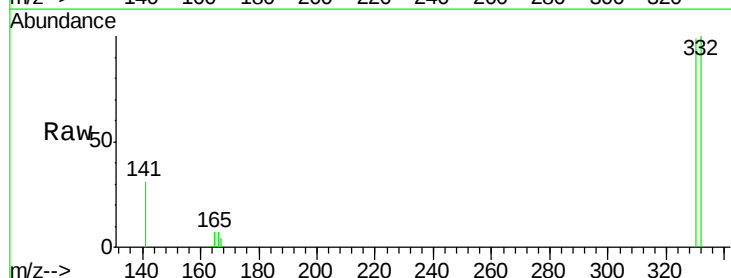
Tgt Ion:330 Resp: 3723

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.0

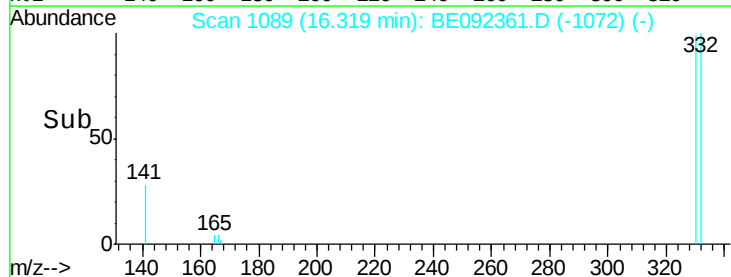
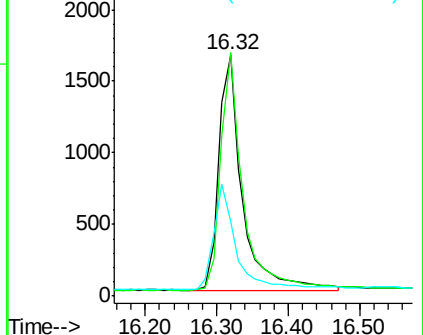
141 42.2 31.0 46.6

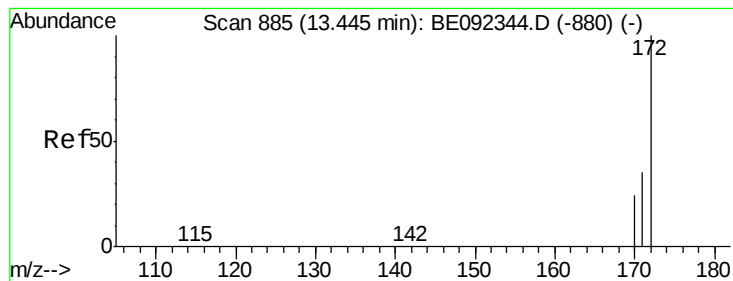


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.07 ng

RT: 13.44 min Scan# 885

Delta R.T. -0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

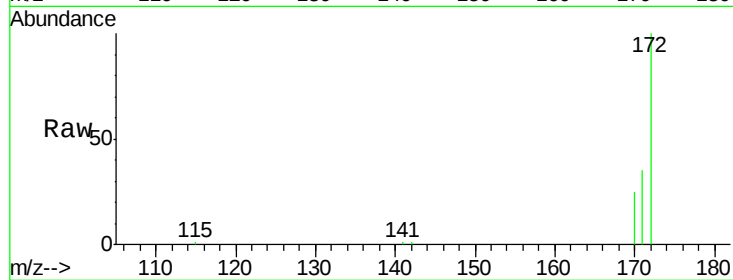
Tgt Ion:172 Resp: 21831

Ion Ratio Lower Upper

172 100

171 35.3 30.1 45.1

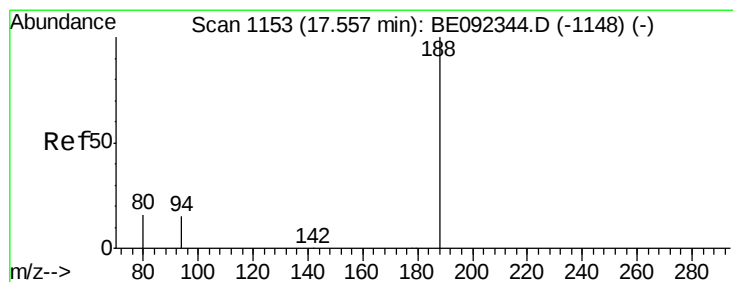
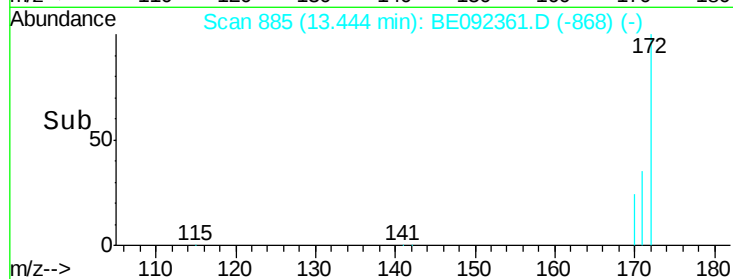
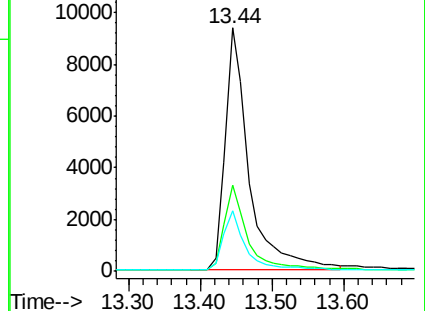
170 24.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

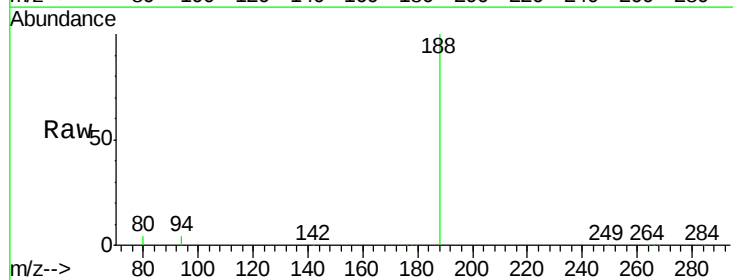
Tgt Ion:188 Resp: 48338

Ion Ratio Lower Upper

188 100

94 4.5 3.2 4.8

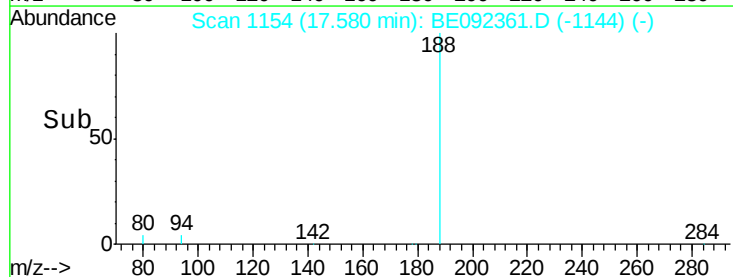
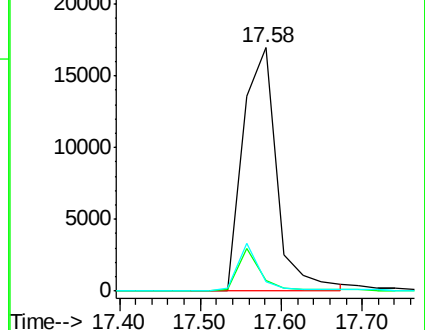
80 4.1 2.6 3.8#

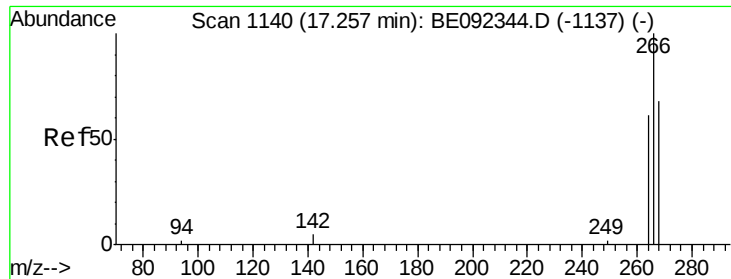


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

Pentachlorophenol

Concen: 0.06 ng

RT: 17.26 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

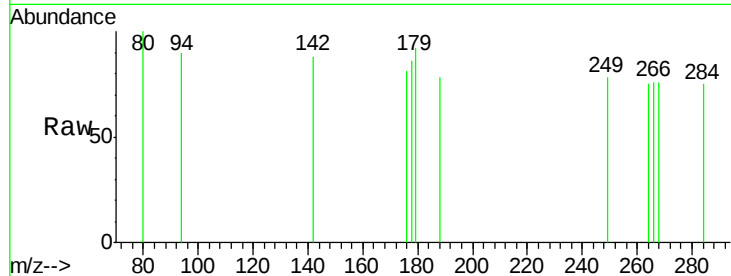
Tgt Ion: 266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

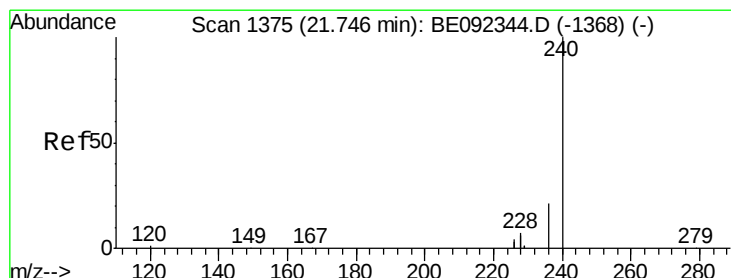
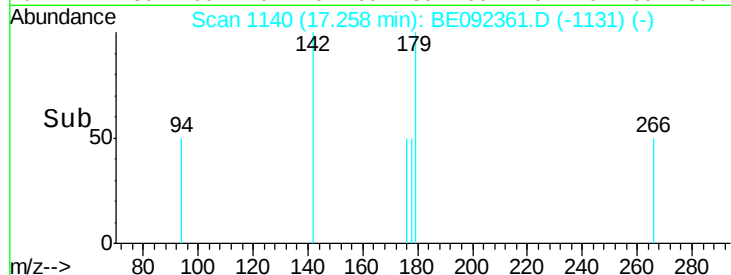
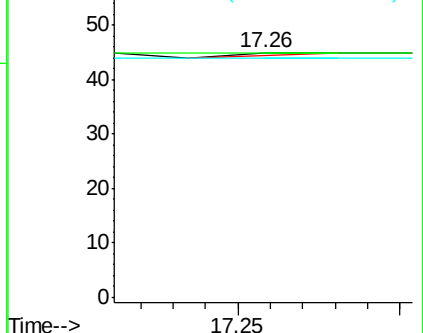
264 97.8 57.2 85.8#



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

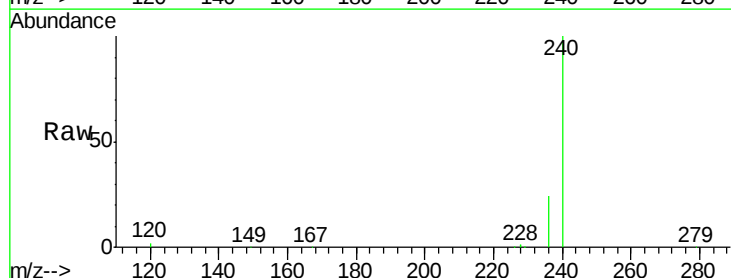
Tgt Ion: 240 Resp: 56808

Ion Ratio Lower Upper

240 100

120 2.1 2.6 4.0#

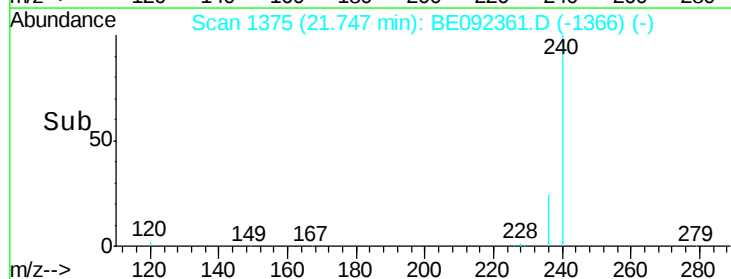
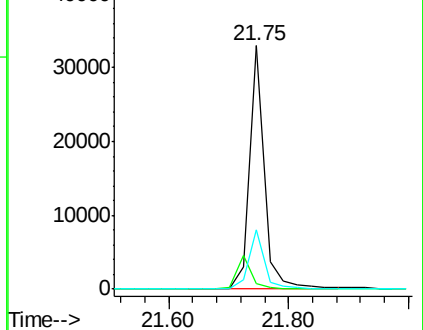
236 24.1 24.6 37.0#

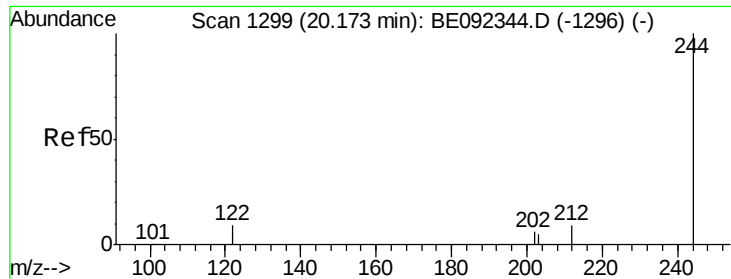


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

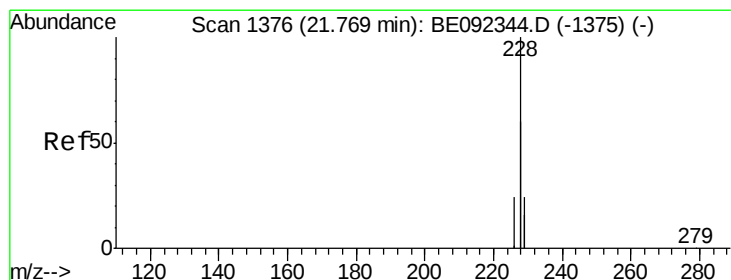
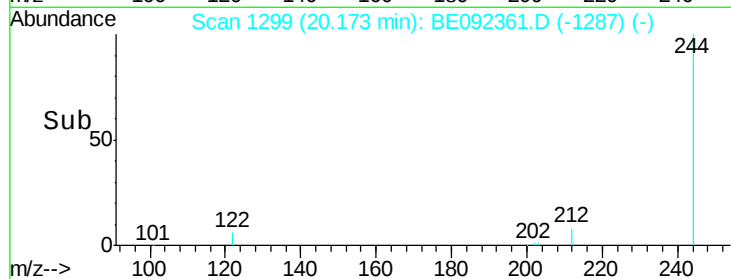
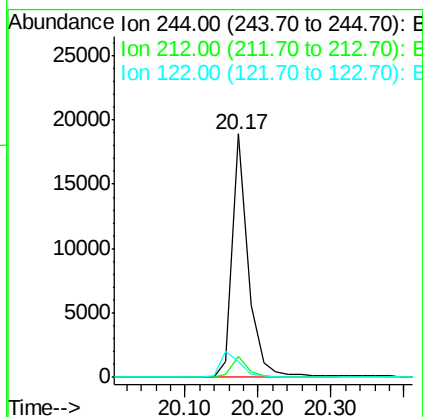
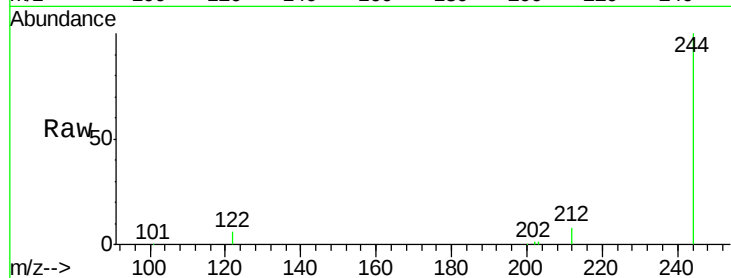




#26
 Terphenyl-d14
 Concen: 3.39 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

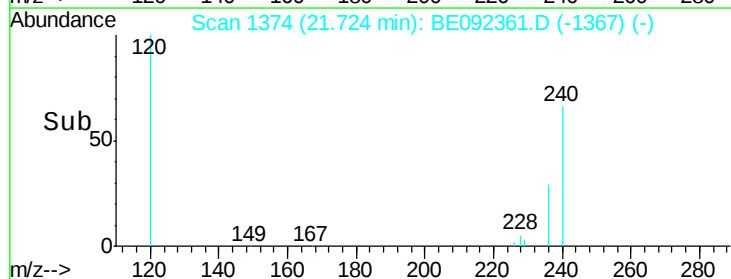
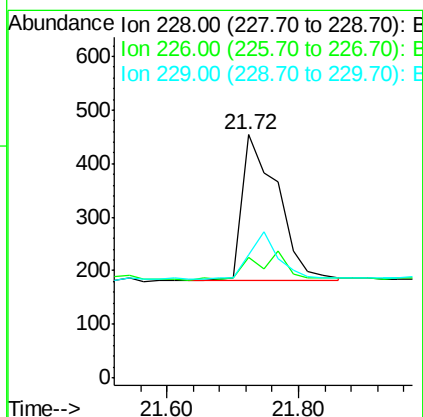
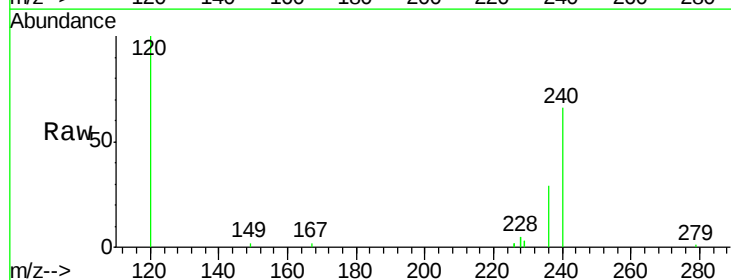
Instrument :
 BNA_E
 ClientSampleId :
 PB93333BL

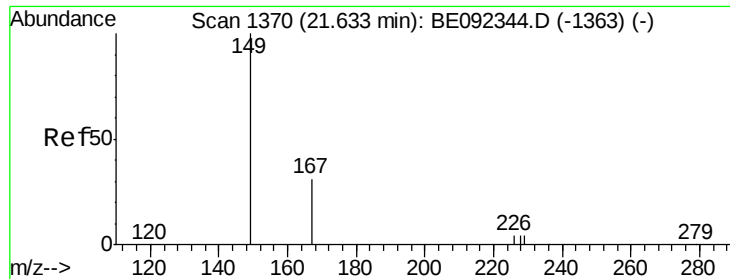
Tgt Ion: 244 Resp: 28490
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 6.3 3.6 5.4#



#28
 Chrysene
 Concen: Below Cal
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.04 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Tgt Ion: 228 Resp: 1019
 Ion Ratio Lower Upper
 228 100
 226 49.3 36.3 54.5
 229 50.7 10.6 16.0#

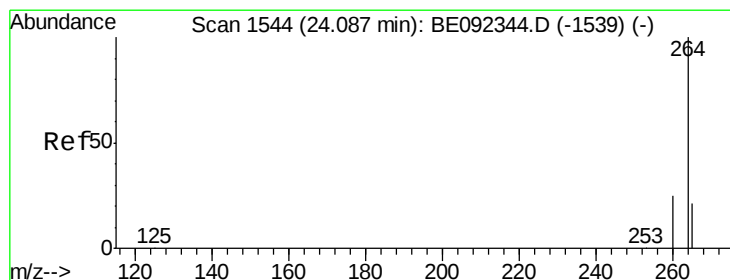
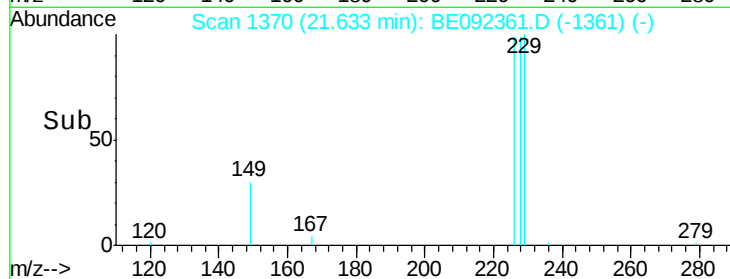
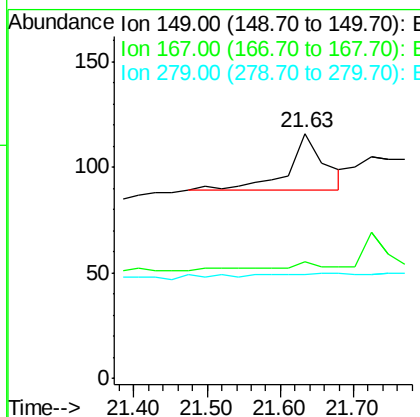
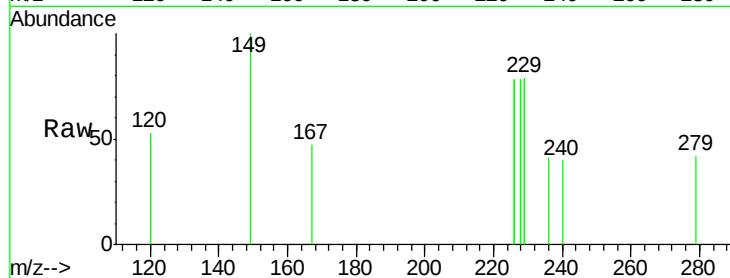




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Instrument :
 BNA_E
 ClientSampleId :
 PB93333BL

Tgt Ion: 149 Resp: 96
 Ion Ratio Lower Upper
 149 100
 167 5.2 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.10 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Tgt Ion: 264 Resp: 60706
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 21.0 17.9 26.9

