

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
 Data File : BE092802.D
 Acq On : 7 Mar 2017 00:33
 Operator : SJ/MA
 Sample : I2079-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-1

Quant Time: Mar 07 02:20:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

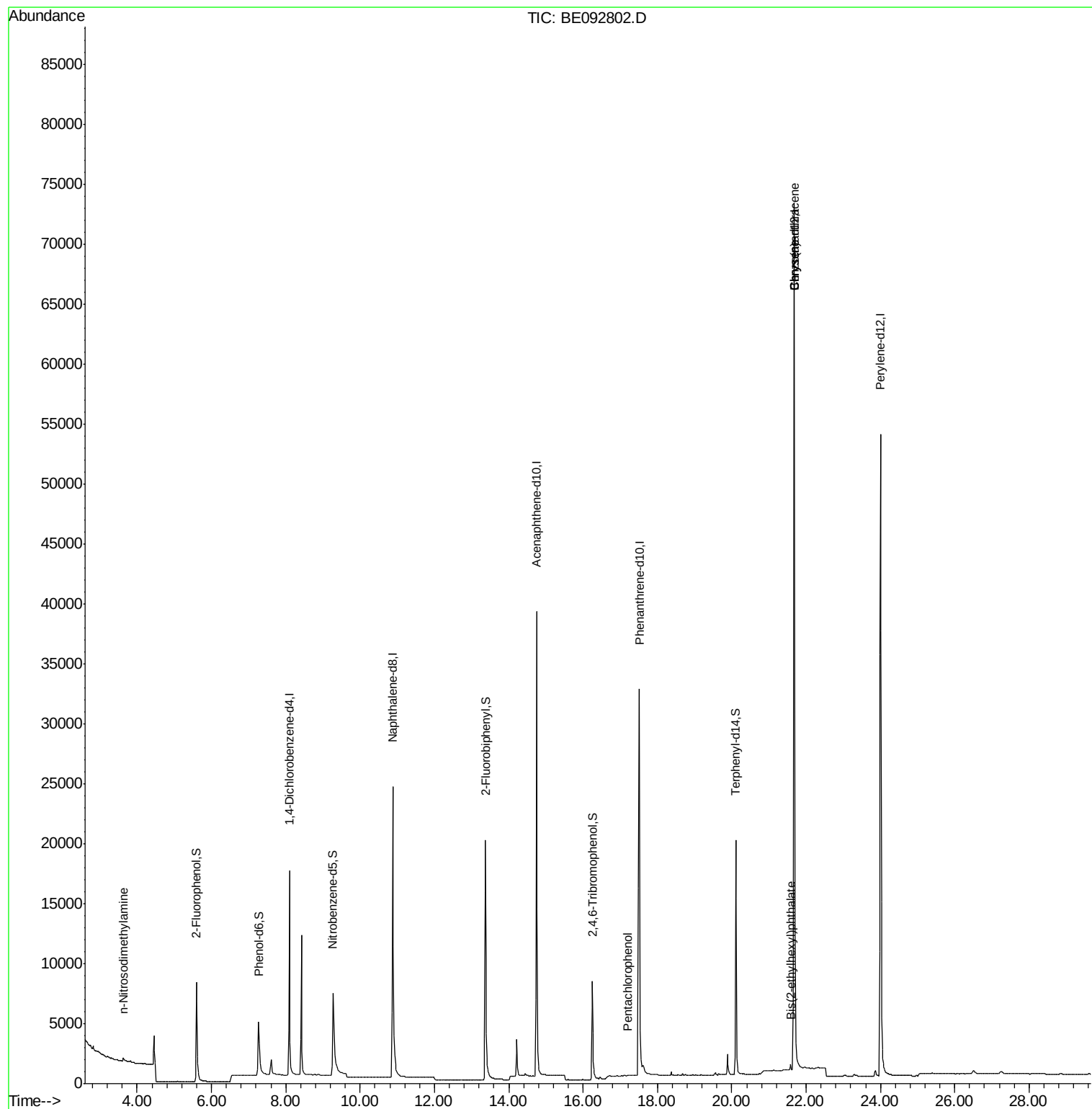
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	10443	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	44411	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	25490	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	62406	5.00	ng	0.00
24) Chrysene-d12	21.68	240	90500	5.00	ng	-0.02
31) Perylene-d12	24.01	264	78307	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	8523	3.86	ng	-0.03
5) Phenol-d6	7.27	99	6641	2.52	ng	-0.05
8) Nitrobenzene-d5	9.27	82	11198	4.13	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	6808	10.15	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	27186	4.52	ng	-0.02
26) Terphenyl-d14	20.11	244	31611	2.89	ng	-0.03
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	117	0.07	ng	# 1
20) Pentachlorophenol	17.21	266	35	0.12	ng	# 77
27) Benzo(a)anthracene	21.68	228	1674	0.08	ng	# 67
28) Chrysene	21.68	228	1698	0.02	ng	# 65
29) Bis(2-ethylhexyl)phthalate	21.59	149	894	0.09	ng	# 74

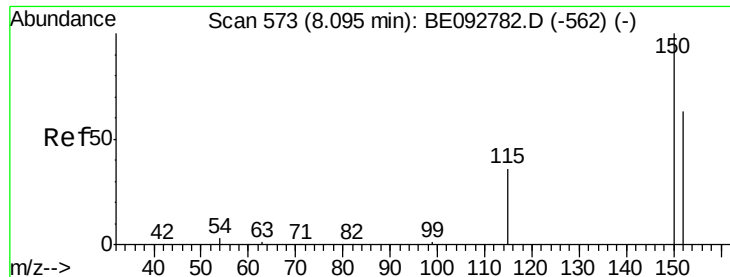
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampleId :

W-1

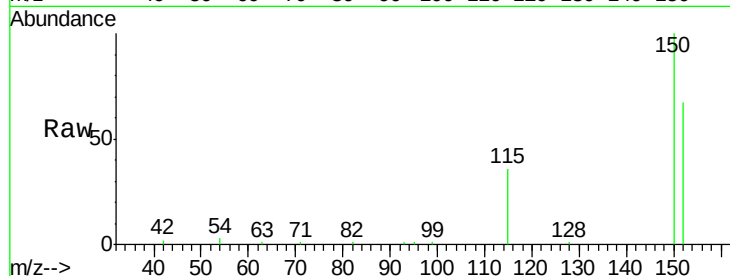
Tgt Ion:152 Resp: 10443

Ion Ratio Lower Upper

152 100

150 149.9 106.0 159.0

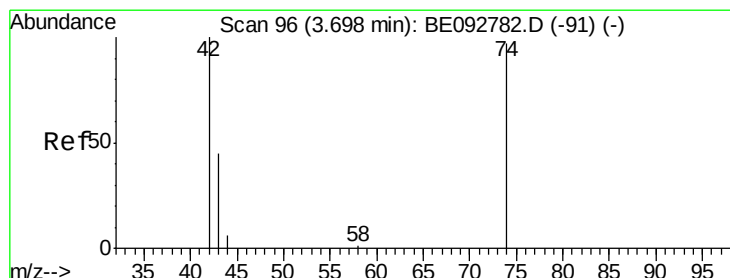
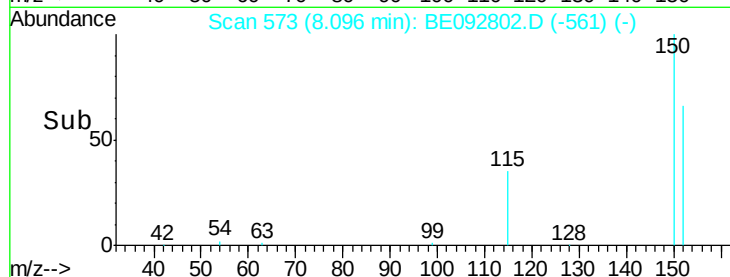
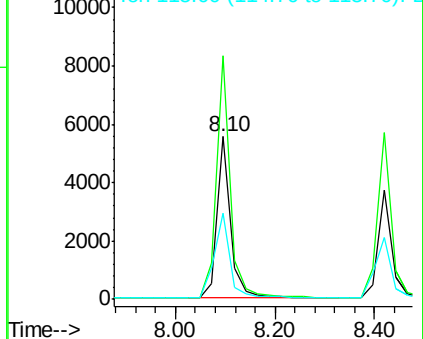
115 53.4 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.62 min Scan# 89

Delta R.T. -0.12 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

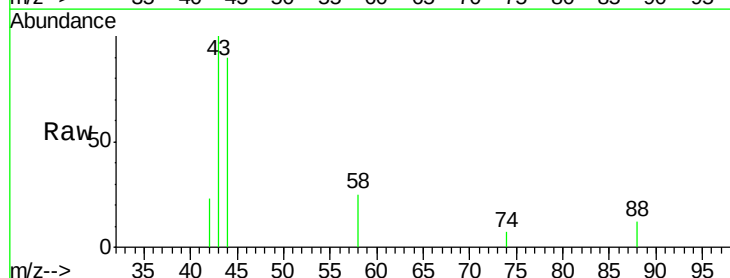
Tgt Ion: 42 Resp: 117

Ion Ratio Lower Upper

42 100

74 0.9 86.0 129.0#

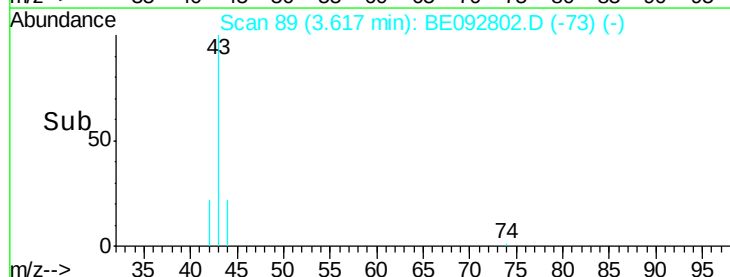
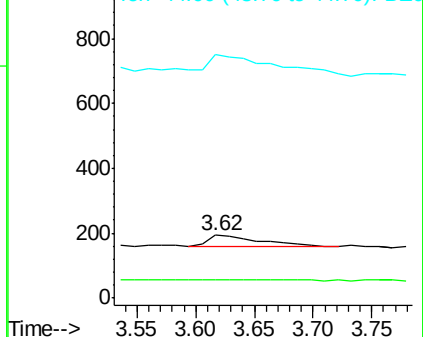
44 218.8 5.1 7.7#

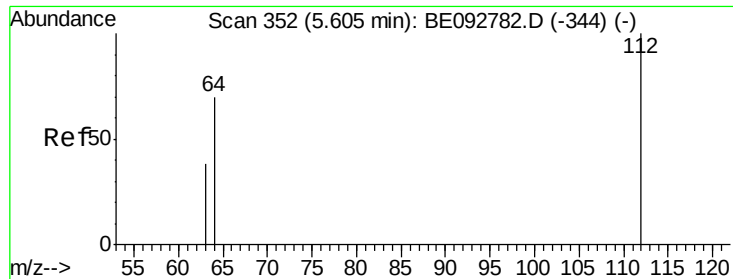


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.86 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampleId :

W-1

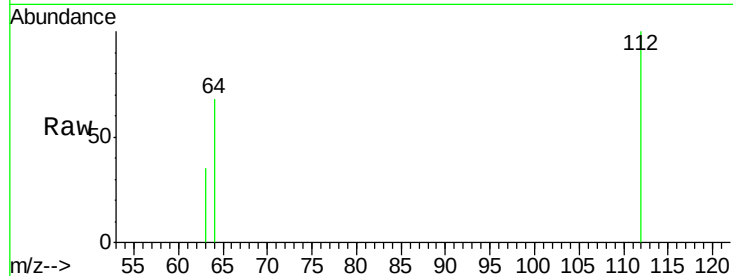
Tgt Ion: 112 Resp: 8523

Ion Ratio Lower Upper

112 100

64 68.3 53.5 80.3

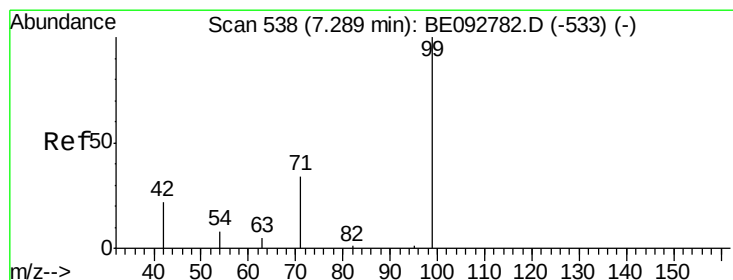
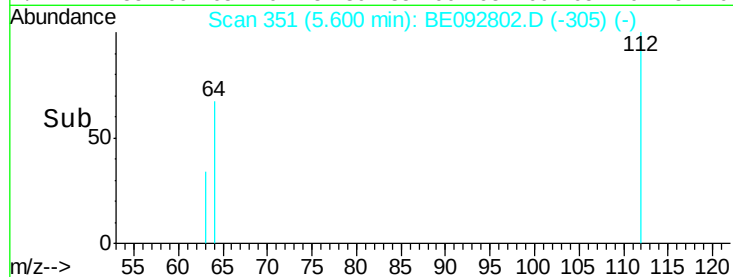
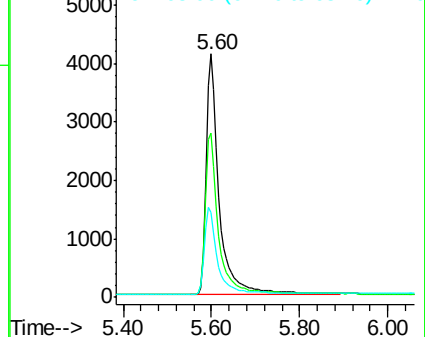
63 36.2 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.52 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

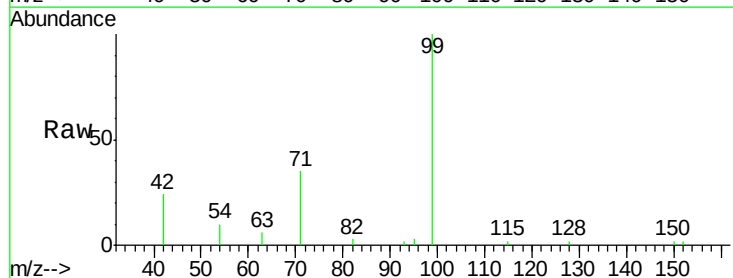
Tgt Ion: 99 Resp: 6641

Ion Ratio Lower Upper

99 100

42 29.7 16.0 24.0#

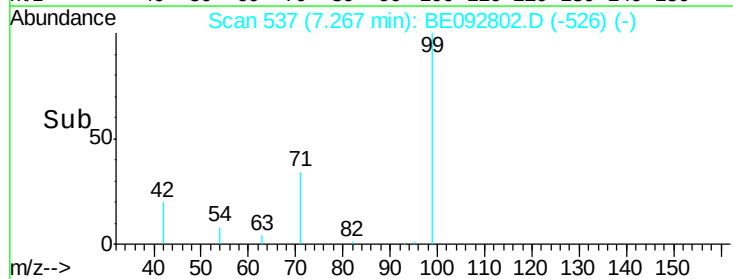
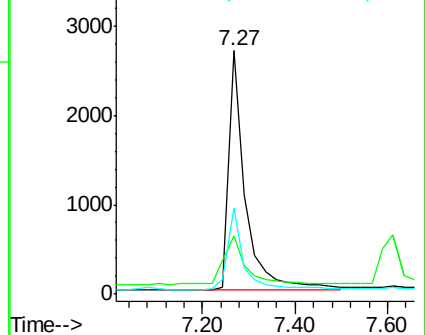
71 32.8 30.6 45.8

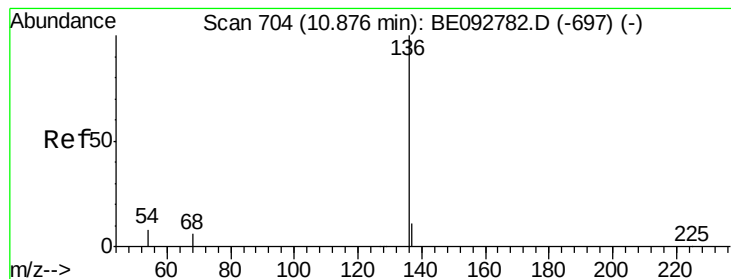


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampleId :

W-1

Tgt Ion: 136 Resp: 44411

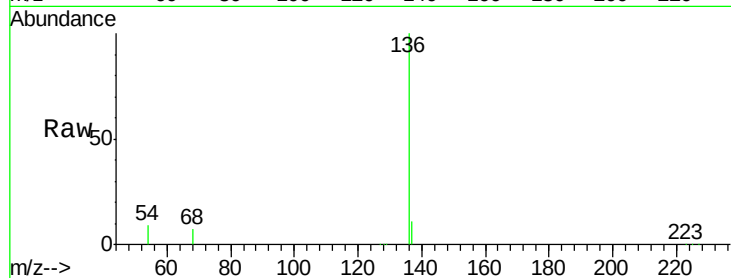
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.3 9.6 14.4#

68 6.5 6.7 10.1#



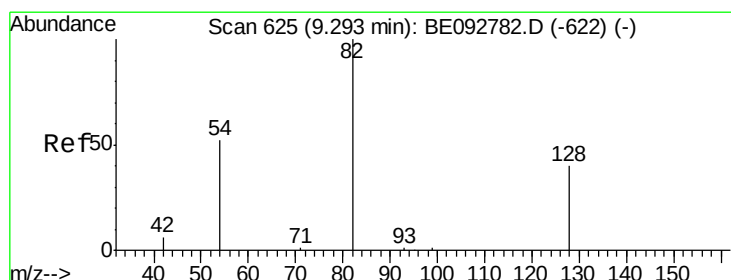
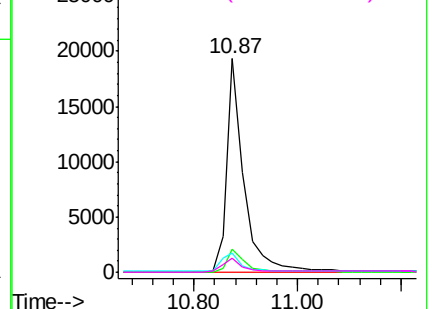
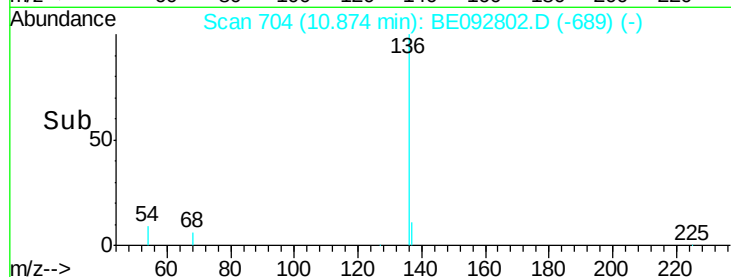
Abundance

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: 4.13 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

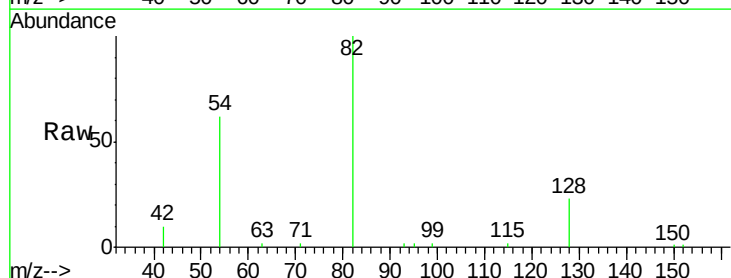
Tgt Ion: 82 Resp: 11198

Ion Ratio Lower Upper

82 100

128 23.1 39.0 58.4#

54 62.4 44.8 67.2

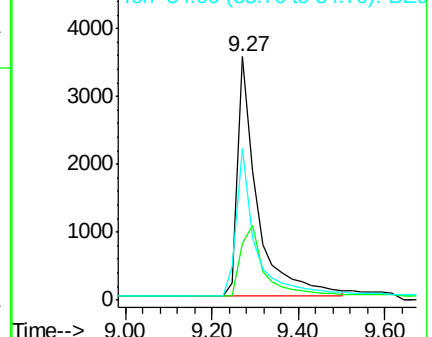
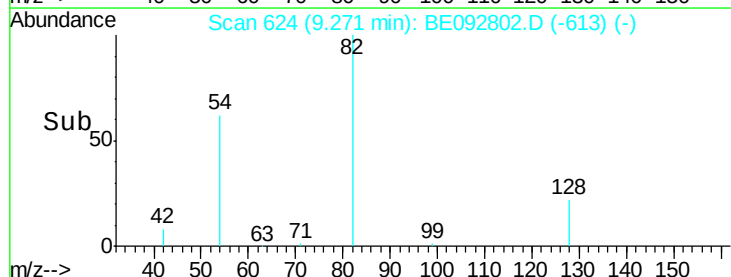


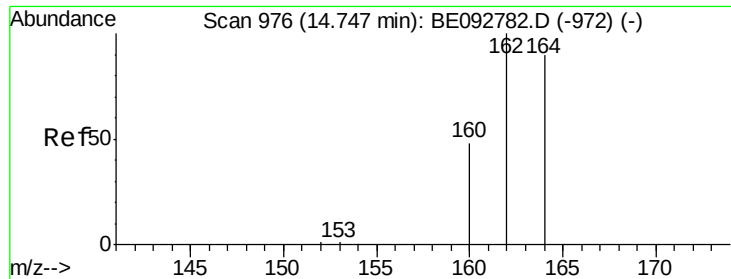
Abundance

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: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampleId :

W-1

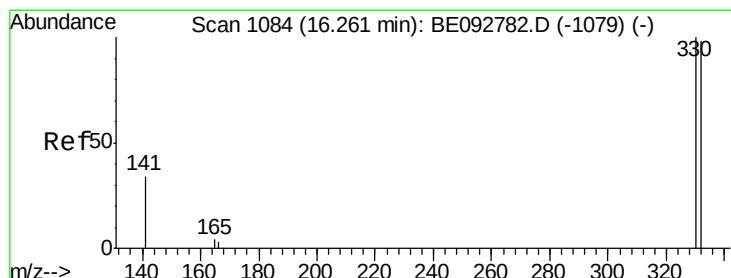
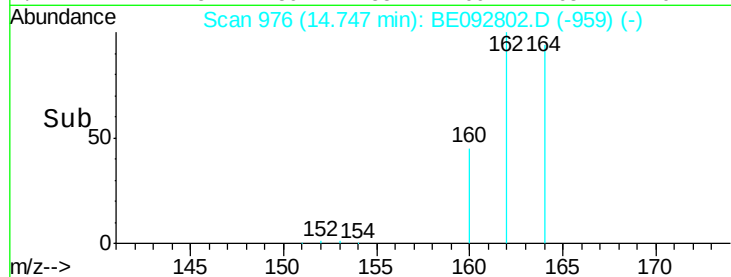
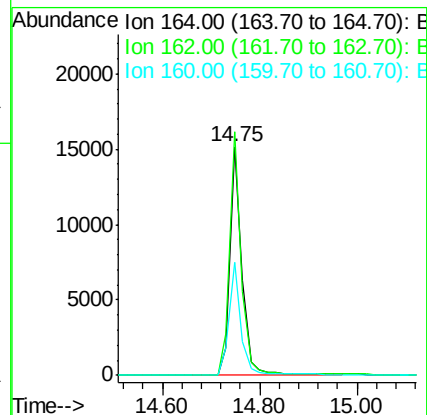
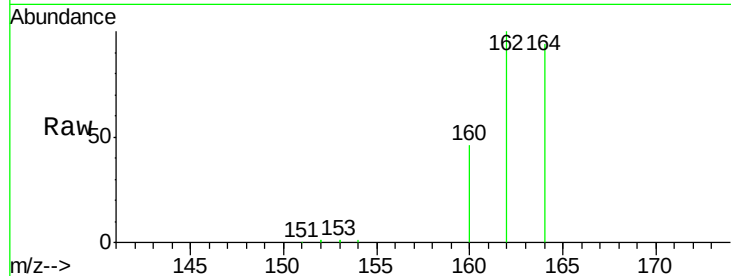
Tgt Ion:164 Resp: 25490

Ion Ratio Lower Upper

164 100

162 106.6 71.4 107.0

160 49.5 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 10.15 ng

RT: 16.25 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

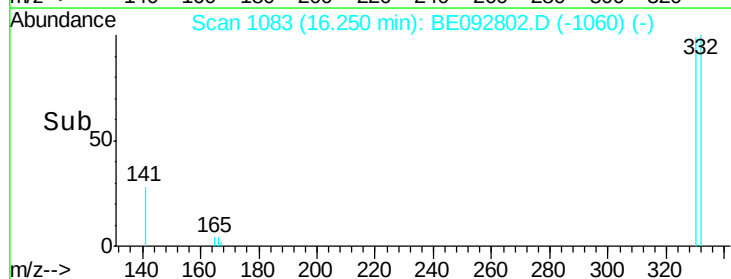
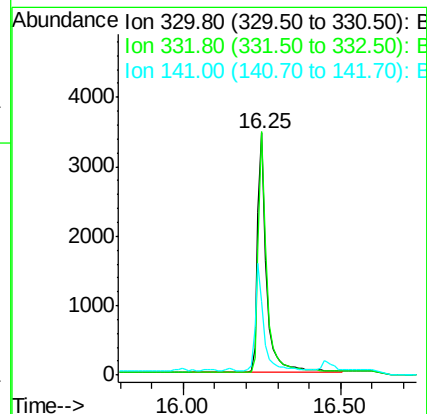
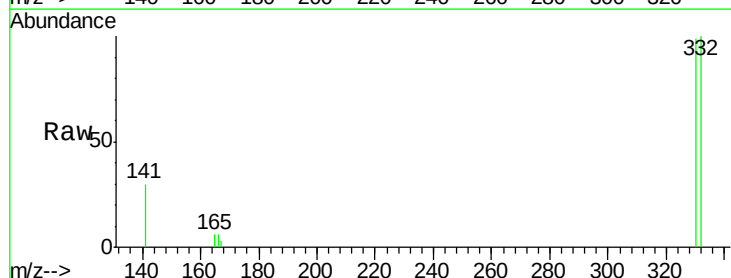
Tgt Ion:330 Resp: 6808

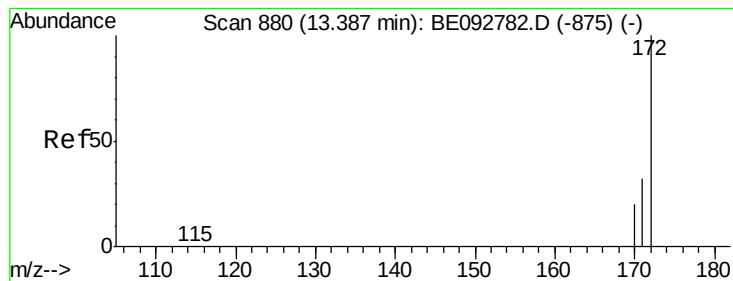
Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.0

141 43.4 31.0 46.6

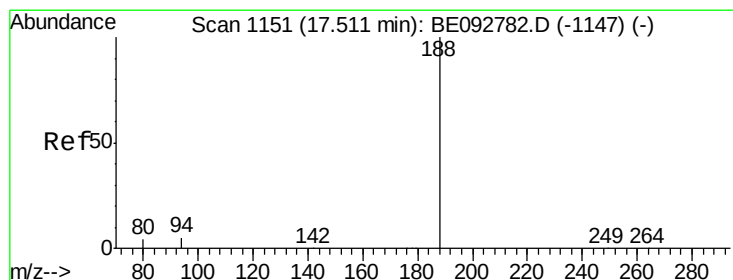
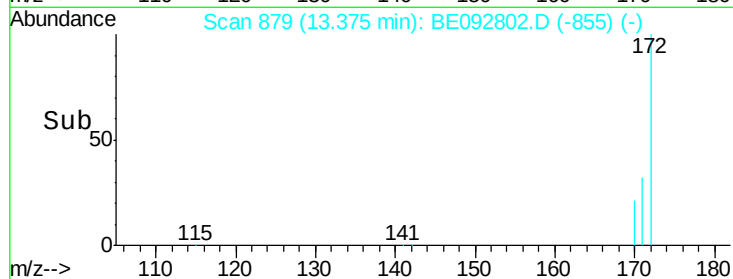
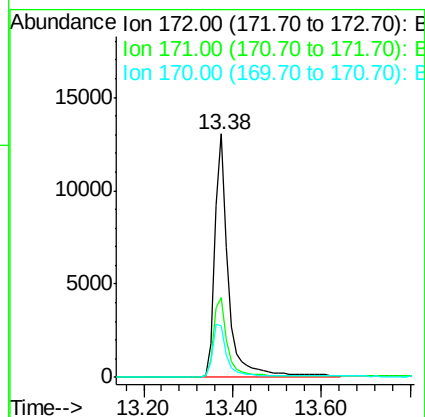
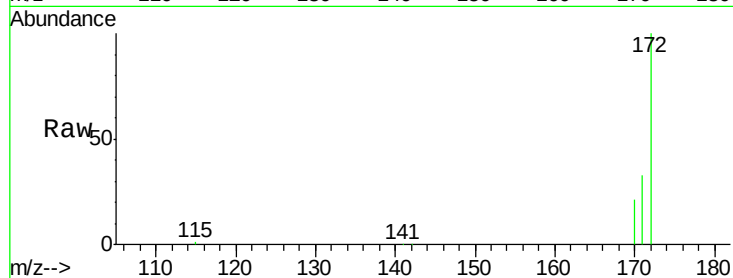




#14
2-Fluorobiphenyl
Concen: 4.52 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092802.D
Acq: 7 Mar 2017 00:33

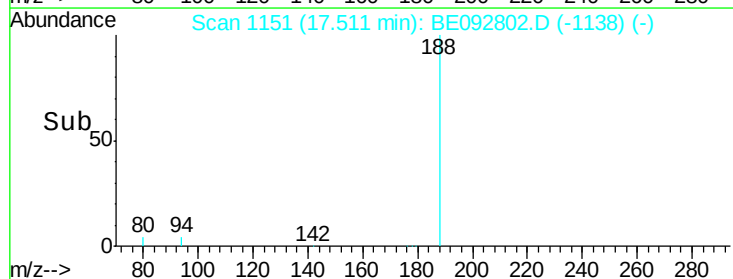
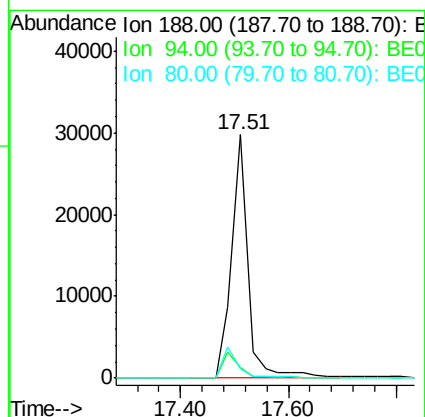
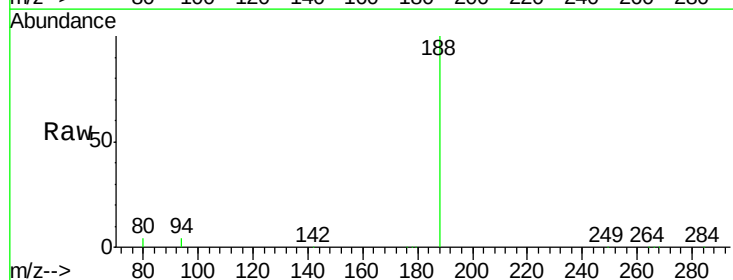
Instrument :
BNA_E
ClientSampleId :
W-1

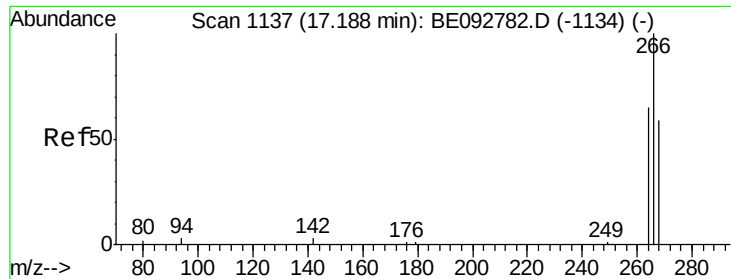
Tgt Ion:172 Resp: 27186
Ion Ratio Lower Upper
172 100
171 32.7 30.1 45.1
170 21.3 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092802.D
Acq: 7 Mar 2017 00:33

Tgt Ion:188 Resp: 62406
Ion Ratio Lower Upper
188 100
94 4.5 3.2 4.8
80 4.0 2.6 3.8#





#20

Pentachlorophenol

Concen: 0.12 ng

RT: 17.21 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampleId :

W-1

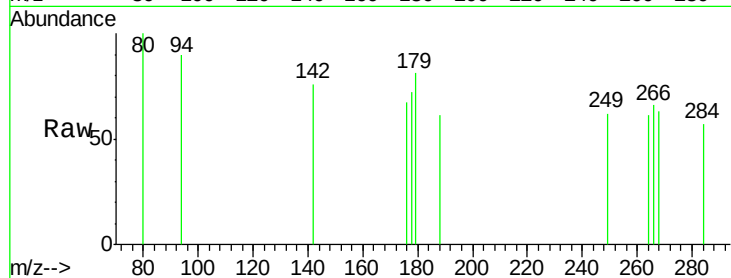
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

268 96.2 62.5 93.7#

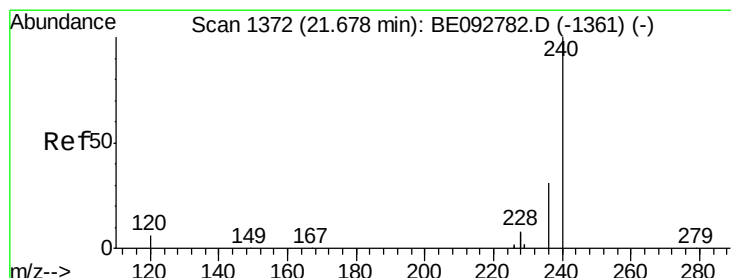
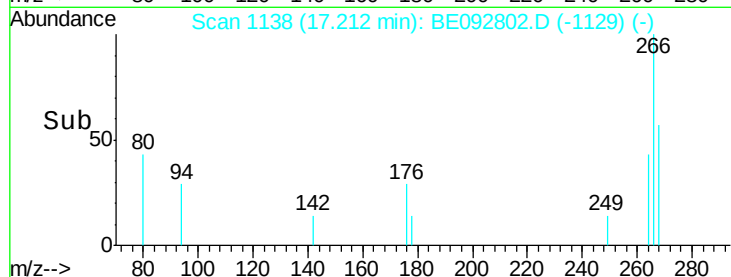
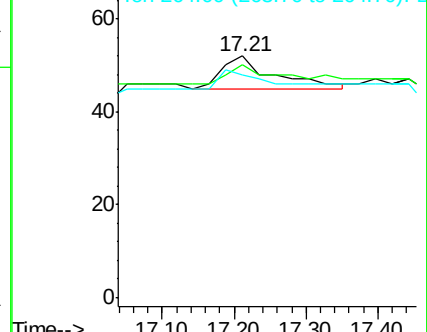
264 92.3 57.2 85.8#



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: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

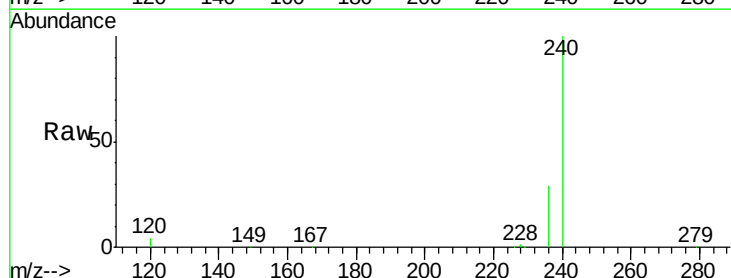
Tgt Ion:240 Resp: 90500

Ion Ratio Lower Upper

240 100

120 3.9 2.6 4.0

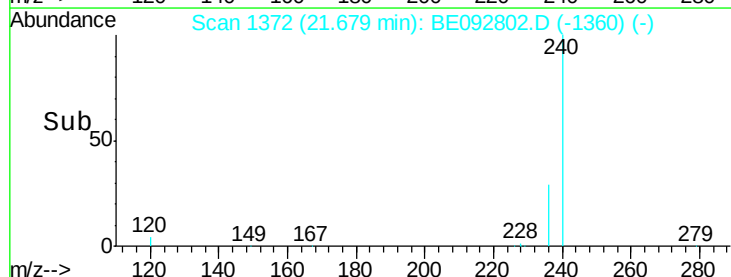
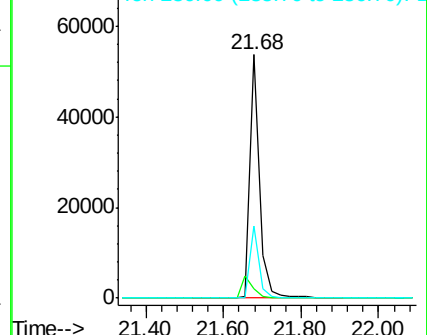
236 29.4 24.6 37.0

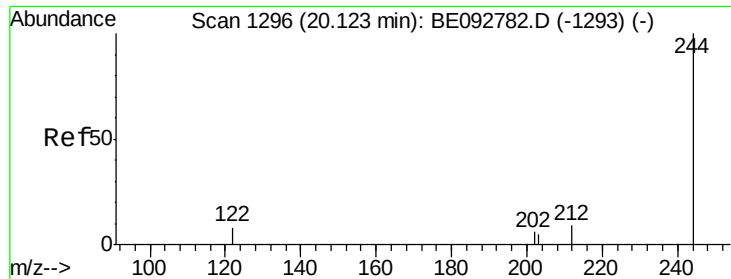


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

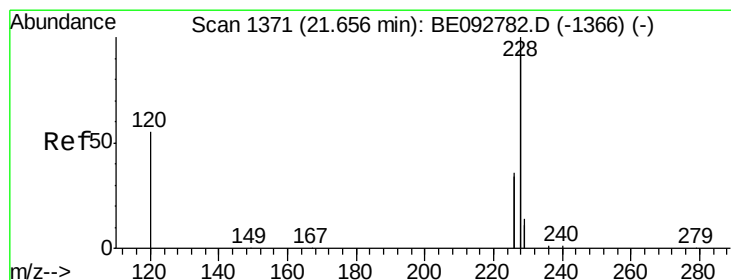
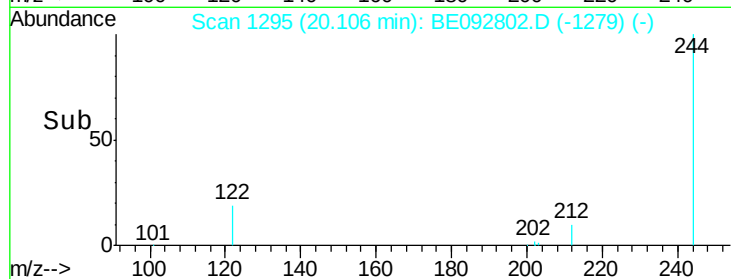
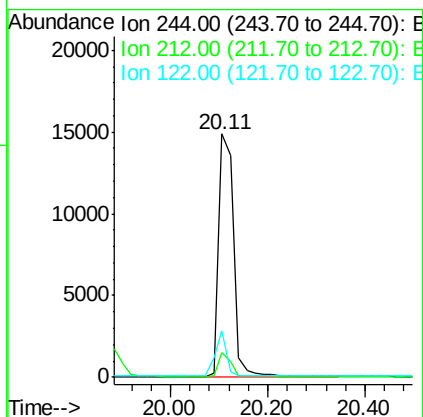
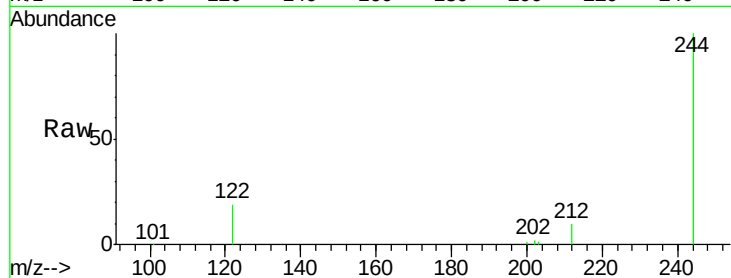




#26
 Terphenyl-d14
 Concen: 2.89 ng
 RT: 20.11 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BE092802.D
 Acq: 7 Mar 2017 00:33

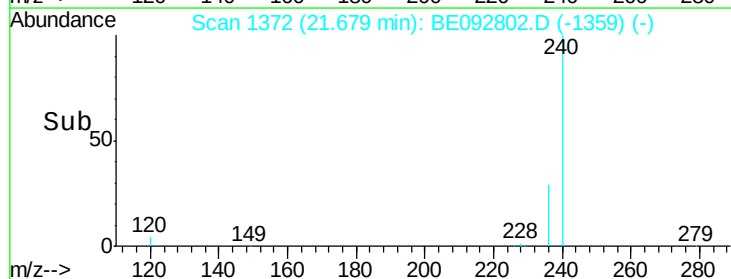
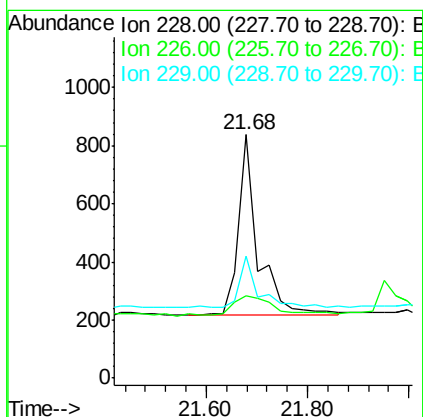
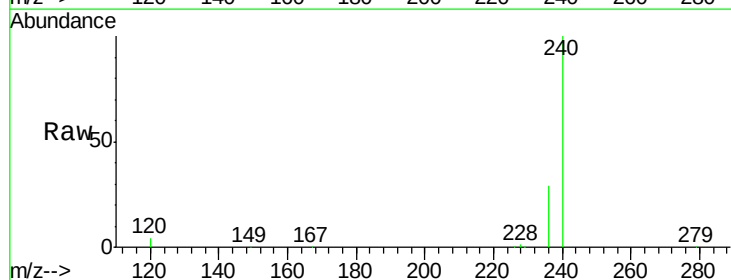
Instrument :
 BNA_E
 ClientSampleId :
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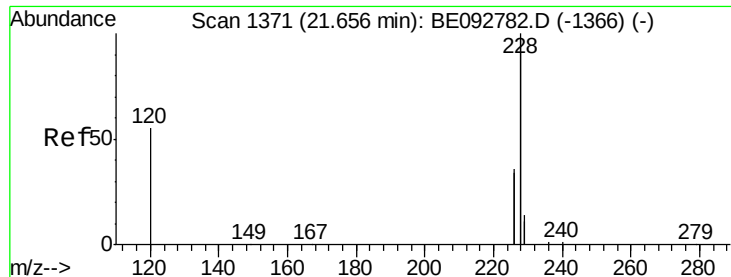
Tgt Ion: 244 Resp: 31611
 Ion Ratio Lower Upper
 244 100
 212 10.4 6.7 10.1#
 122 19.1 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.08 ng
 RT: 21.68 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BE092802.D
 Acq: 7 Mar 2017 00:33

Tgt Ion: 228 Resp: 1674
 Ion Ratio Lower Upper
 228 100
 226 33.7 23.6 35.4
 229 50.1 13.3 19.9#





#28

Chrysene

Concen: 0.02 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.04 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampled :

W-1

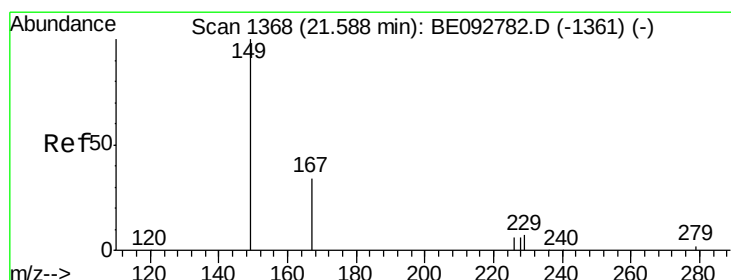
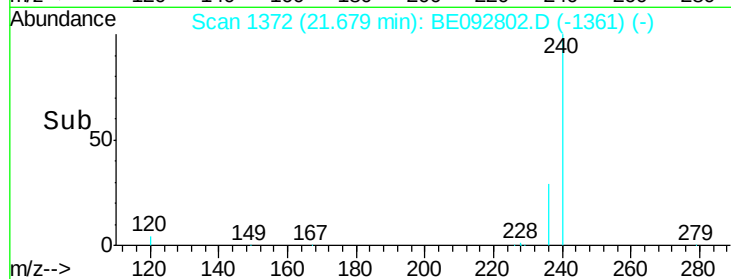
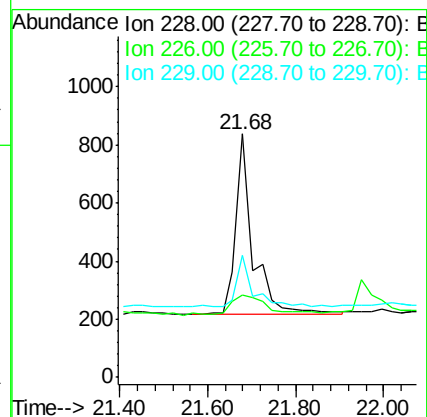
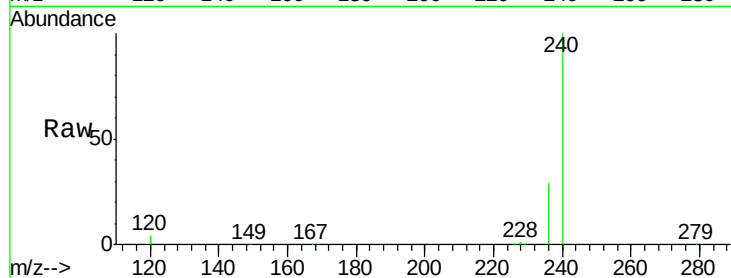
Tgt Ion:228 Resp: 1698

Ion Ratio Lower Upper

228 100

226 33.7 36.3 54.5#

229 50.1 10.6 16.0#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092802.D

Acq: 7 Mar 2017 00:33

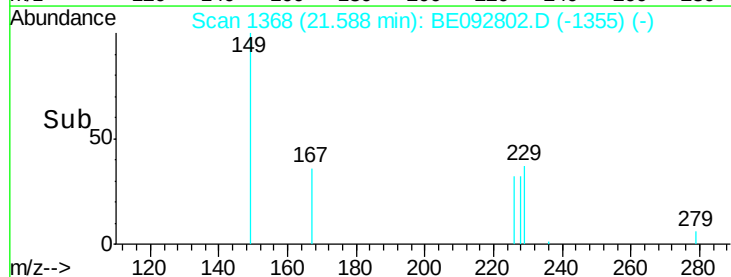
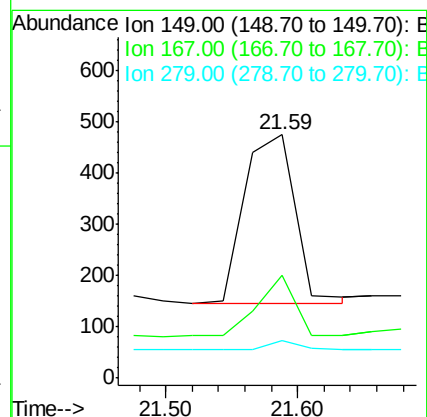
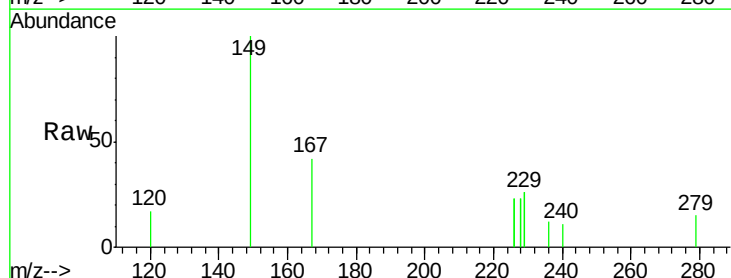
Tgt Ion:149 Resp: 894

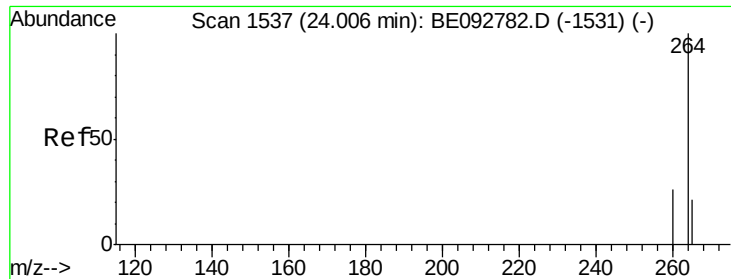
Ion Ratio Lower Upper

149 100

167 27.5 16.0 24.0#

279 3.9 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092802.D

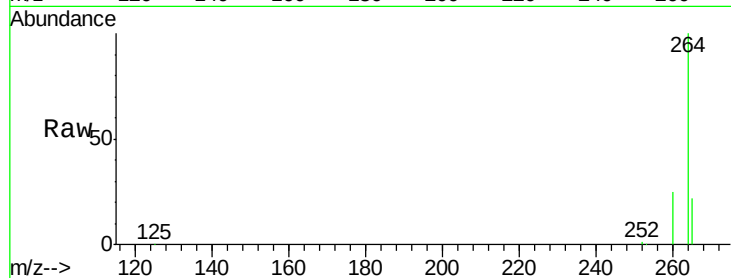
Acq: 7 Mar 2017 00:33

Instrument :

BNA_E

ClientSampleId :

W-1



Tgt Ion: 264 Resp: 78307

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 21.6 17.9 26.9

