

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
 Data File : BE092740.D
 Acq On : 15 Feb 2017 19:21
 Operator : SJ/MA
 Sample : I1788-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1-021017

Quant Time: Feb 16 06:11:27 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10250	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	47914	5.00	ng	0.00
12) Acenaphthene-d10	14.77	164	29836	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	63168	5.00	ng	0.00
24) Chrysene-d12	21.70	240	68563	5.00	ng	0.00
31) Perylene-d12	24.03	264	68242	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	11684	5.86	ng	-0.02
5) Phenol-d6	7.29	99	8875	3.63	ng	-0.02
8) Nitrobenzene-d5	9.29	82	15447	4.78	ng	-0.02
13) 2,4,6-Tribromophenol	16.26	330	7552	11.93	ng	-0.02
14) 2-Fluorobiphenyl	13.39	172	37309	5.13	ng	-0.01
26) Terphenyl-d14	20.12	244	51033	5.83	ng	-0.02

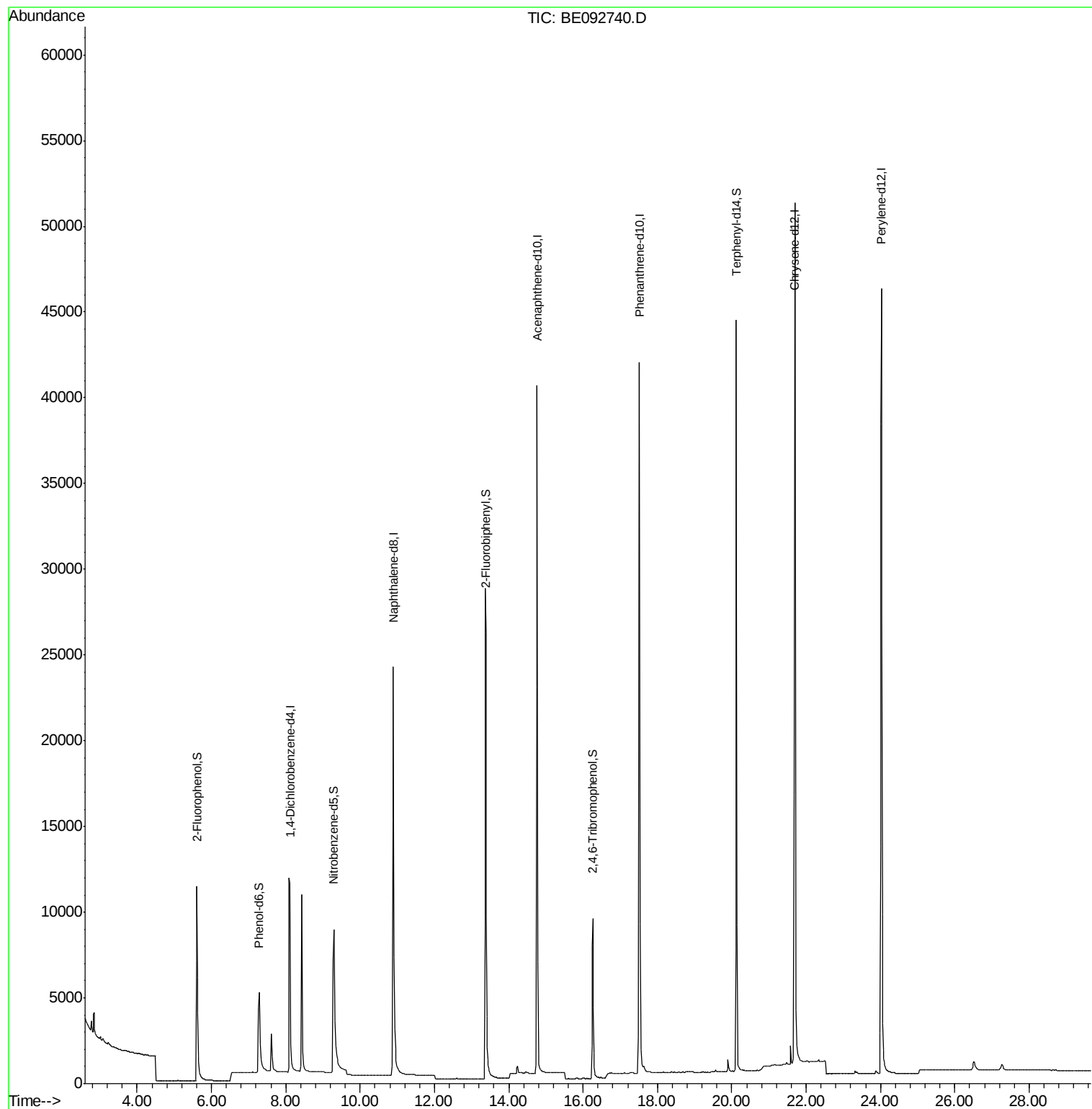
Target Compounds	Qvalue
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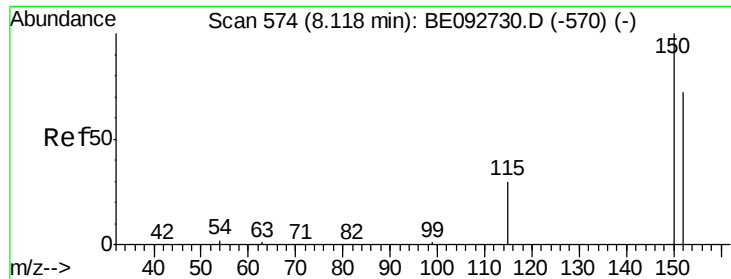
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.00 min

Lab File: BE092740.D

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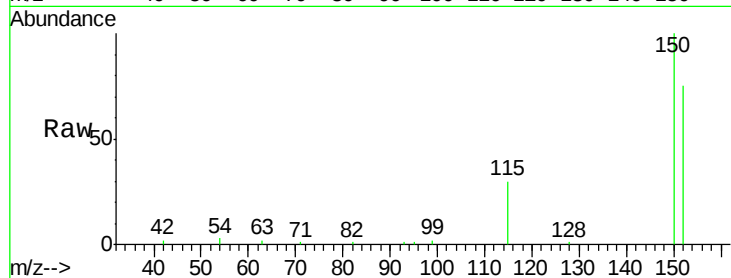
Tgt Ion:152 Resp: 10250

Ion Ratio Lower Upper

152 100

150 132.6 106.0 159.0

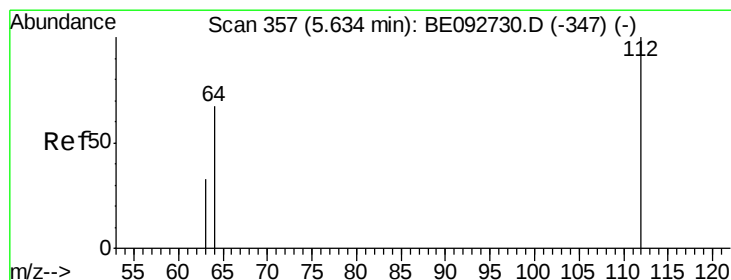
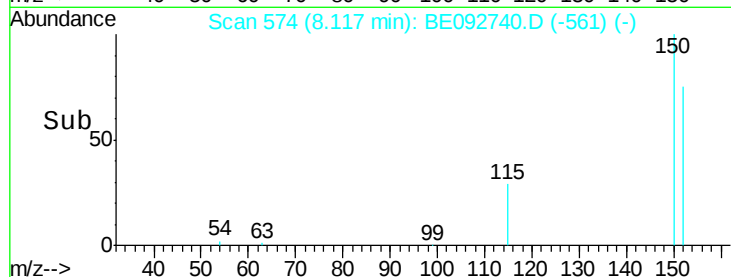
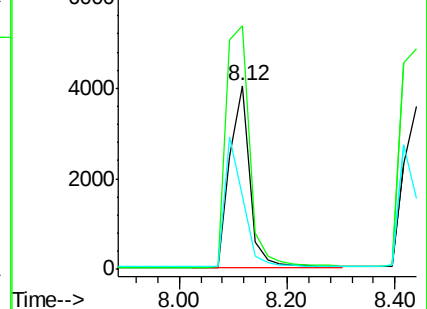
115 40.0 31.2 46.8



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



#4

2-Fluorophenol

Concen: 5.86 ng

RT: 5.61 min Scan# 353

Delta R.T. -0.02 min

Lab File: BE092740.D

Acq: 15 Feb 2017 19:21

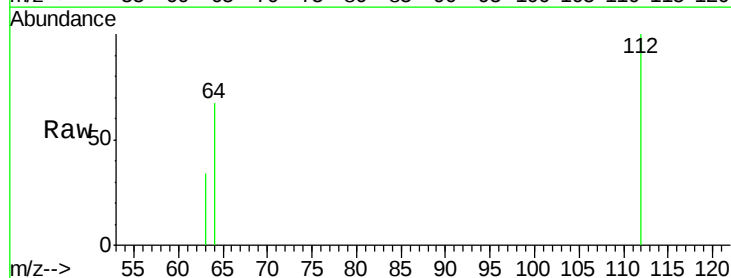
Tgt Ion:112 Resp: 11684

Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

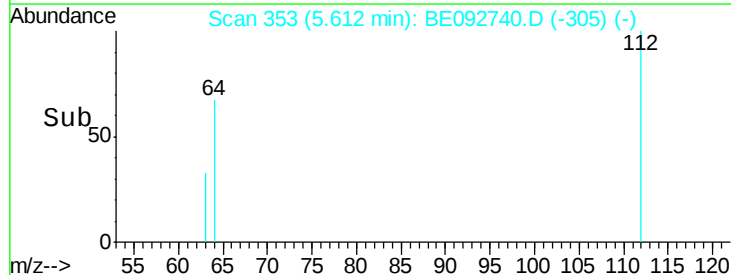
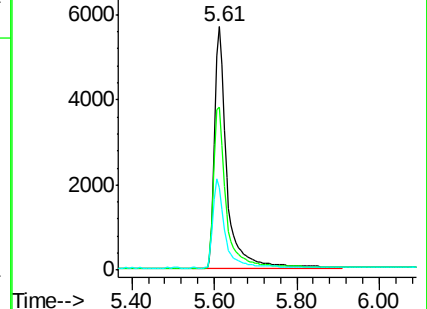
63 36.2 27.9 41.9

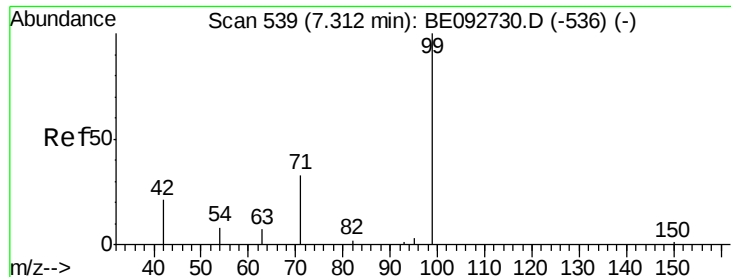


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.63 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092740.D

Acq: 15 Feb 2017 19:21

Instrument :

BNA_E

ClientSampleId :

MW-1-021017

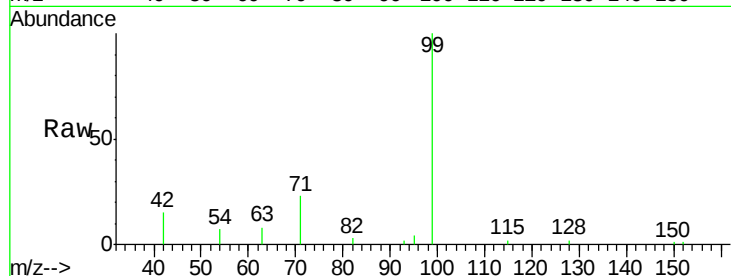
Tgt Ion: 99 Resp: 8875

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



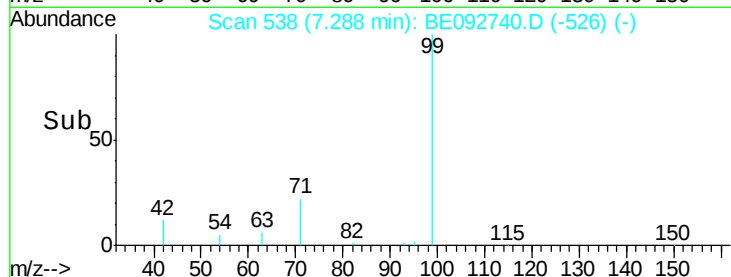
Abundance Ion 99.00 (98.70 to 99.70): BE092740.D (-526) (-)

Ion 42.00 (41.70 to 42.70): BE092740.D (-526) (-)

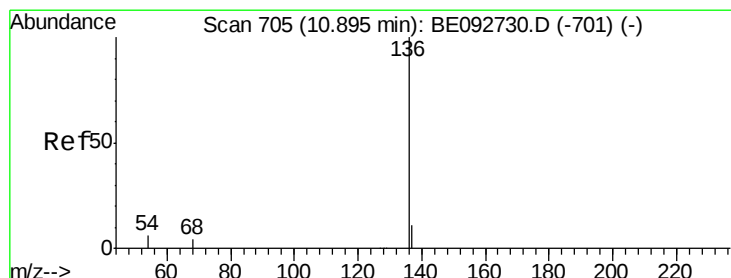
Ion 71.00 (70.70 to 71.70): BE092740.D (-526) (-)

7.29

Time-->



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.89 min Scan# 705

Delta R.T. -0.00 min

Lab File: BE092740.D

Acq: 15 Feb 2017 19:21

Tgt Ion: 136 Resp: 47914

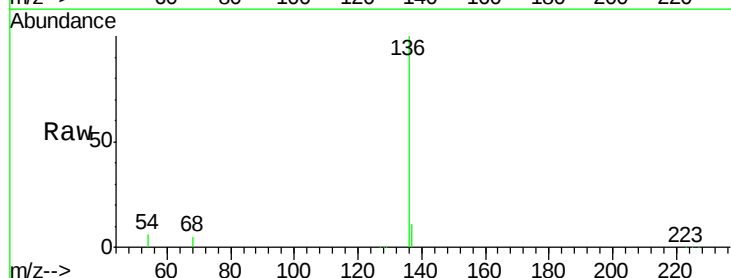
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 6.5 9.6 14.4#

68 4.9 6.7 10.1#



Abundance Ion 136.00 (135.70 to 136.70): BE092740.D (-689) (-)

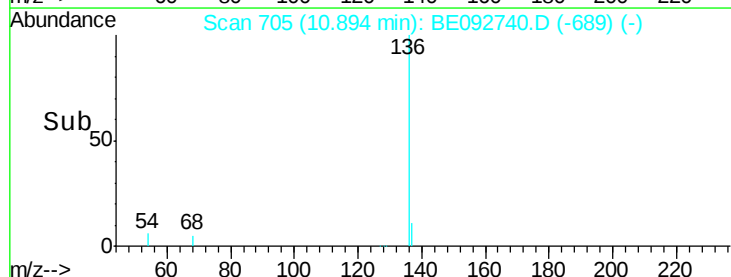
Ion 137.00 (136.70 to 137.70): BE092740.D (-689) (-)

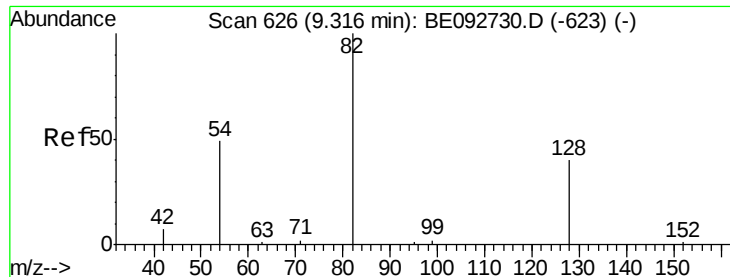
Ion 54.00 (53.70 to 54.70): BE092740.D (-689) (-)

Ion 68.00 (67.70 to 68.70): BE092740.D (-689) (-)

10.89

Time-->





#8

Nitrobenzene-d5

Concen: 4.78 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092740.D

Acq: 15 Feb 2017 19:21

Instrument :

BNA_E

ClientSampleId :

MW-1-021017

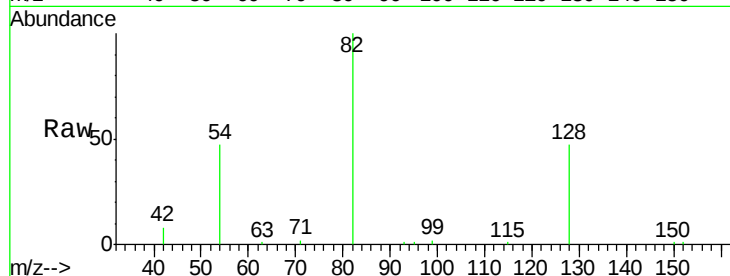
Tgt Ion: 82 Resp: 15447

Ion Ratio Lower Upper

82 100

128 47.3 39.0 58.4

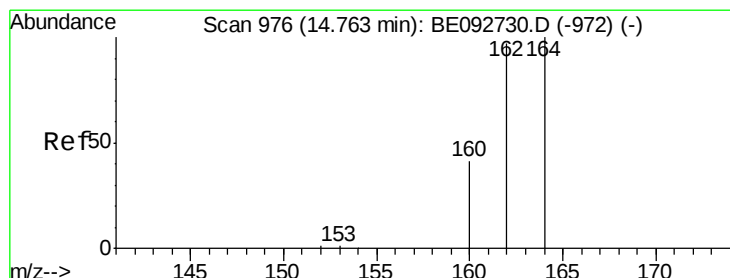
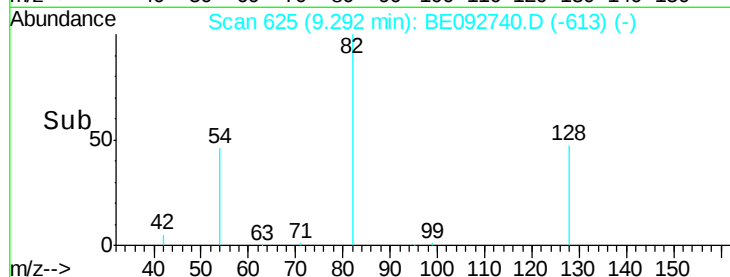
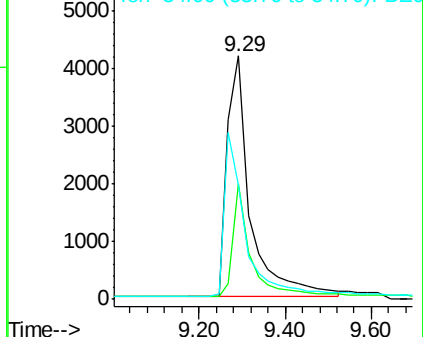
54 46.7 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.77 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092740.D

Acq: 15 Feb 2017 19:21

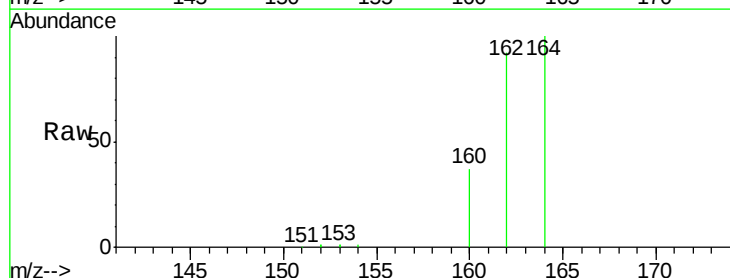
Tgt Ion: 164 Resp: 29836

Ion Ratio Lower Upper

164 100

162 91.8 71.4 107.0

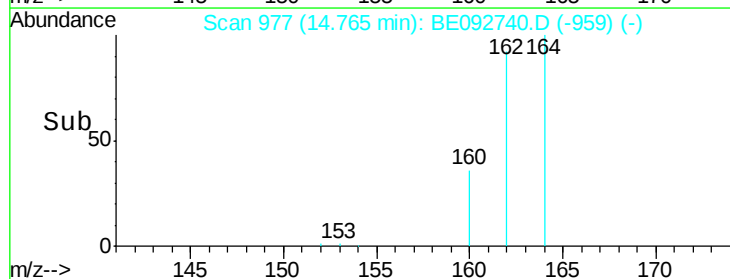
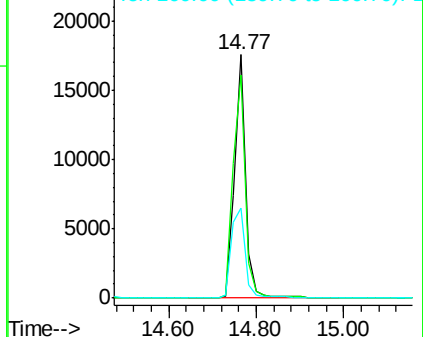
160 37.0 27.4 41.2

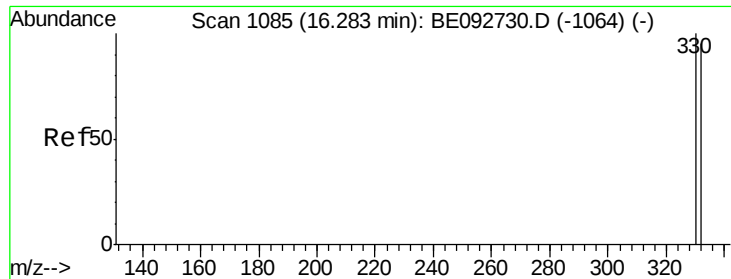


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

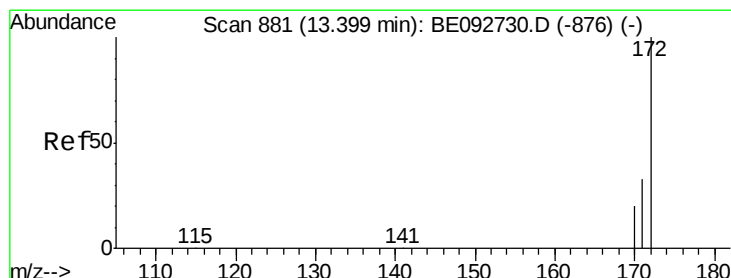
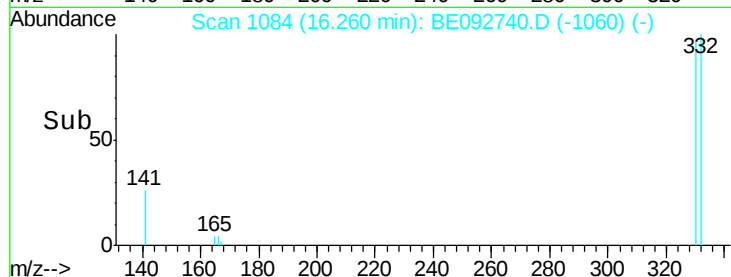
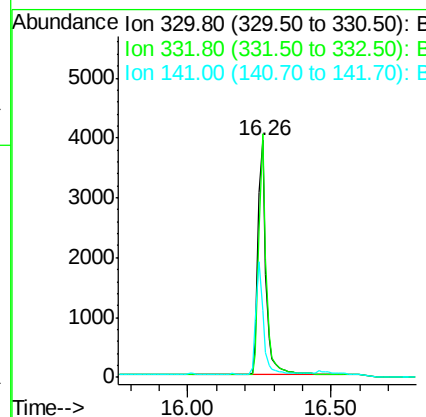
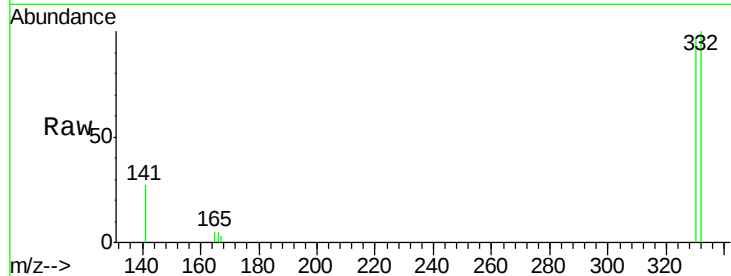




#13
 2,4,6-Tribromophenol
 Concen: 11.93 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092740.D
 Acq: 15 Feb 2017 19:21

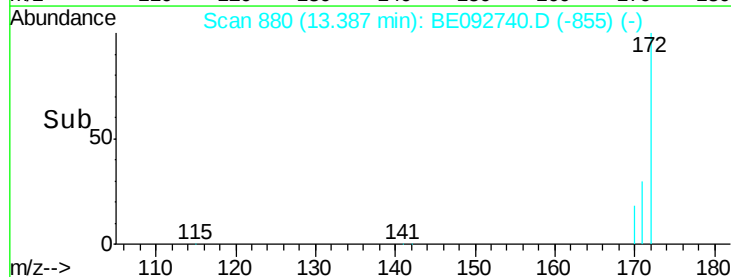
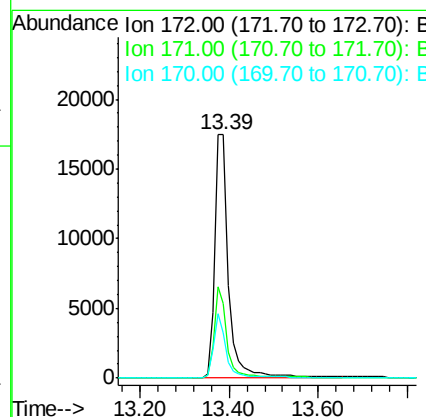
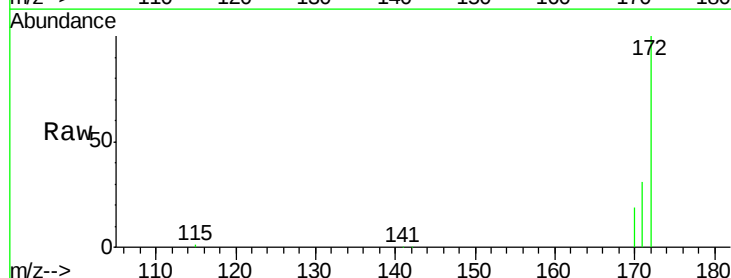
Instrument :
 BNA_E
 ClientSampleId :
 MW-1-021017

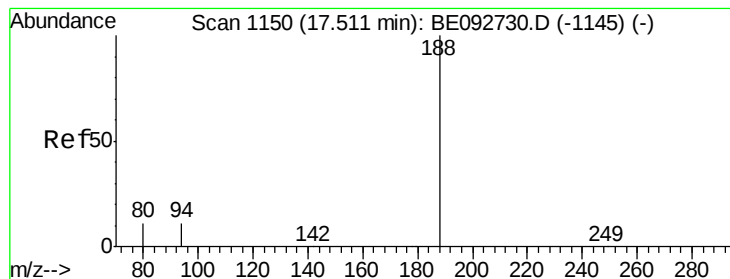
Tgt Ion: 330 Resp: 7552
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.13 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092740.D
 Acq: 15 Feb 2017 19:21

Tgt Ion: 172 Resp: 37309
 Ion Ratio Lower Upper
 172 100
 171 30.6 30.1 45.1
 170 18.6 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: BE092740.D

Acq: 15 Feb 2017 19:21

Instrument :

BNA_E

ClientSampleId :

MW-1-021017

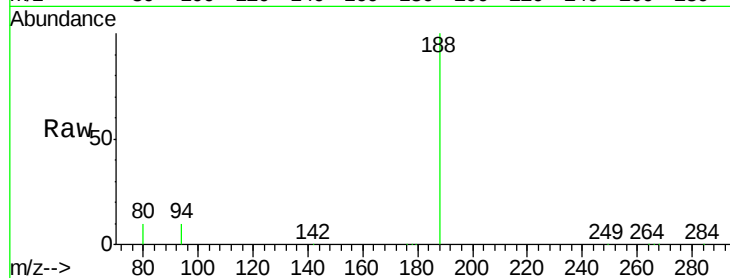
Tgt Ion:188 Resp: 63168

Ion Ratio Lower Upper

188 100

94 10.0 3.2 4.8#

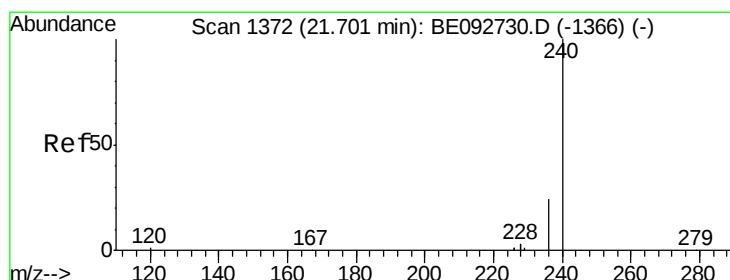
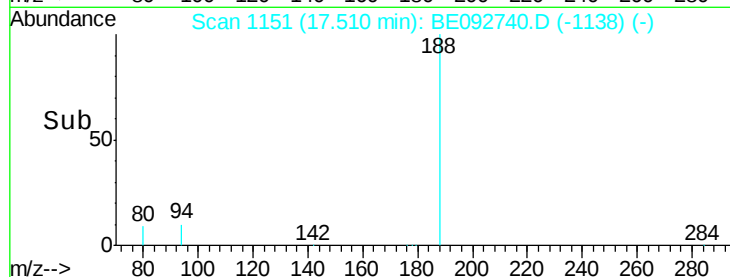
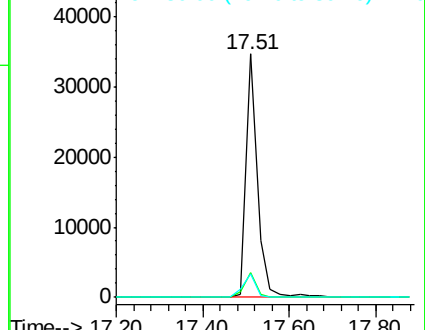
80 9.5 2.6 3.8#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092740.D

Acq: 15 Feb 2017 19:21

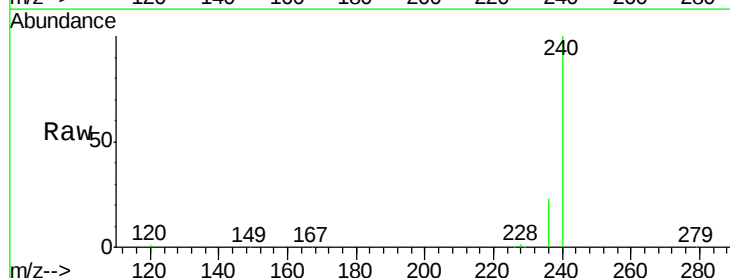
Tgt Ion:240 Resp: 68563

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

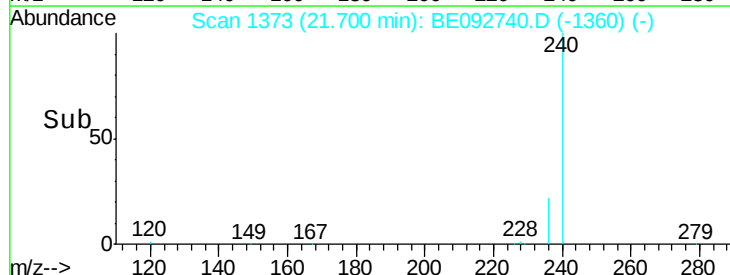
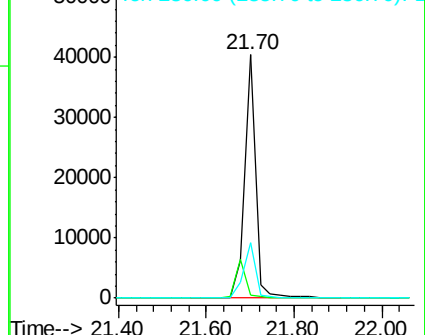
236 22.6 24.6 37.0#

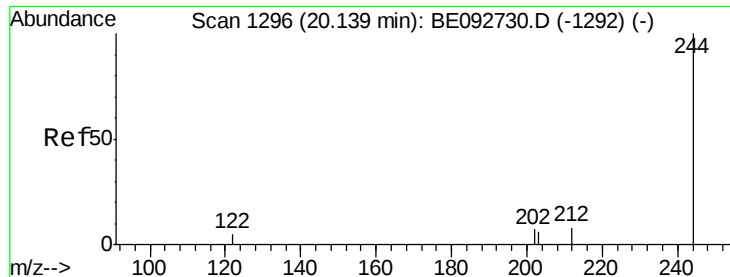


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

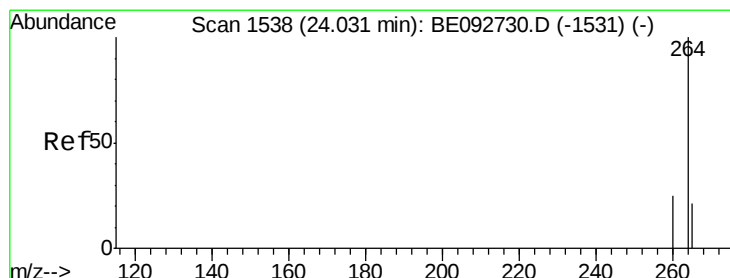
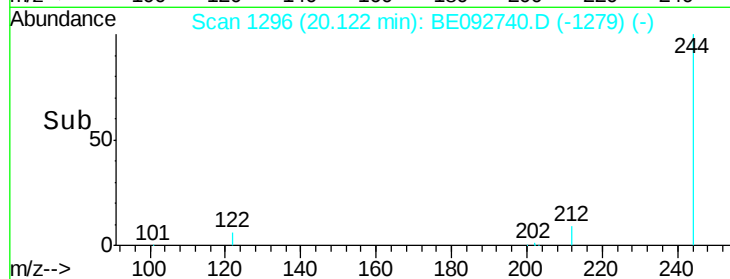
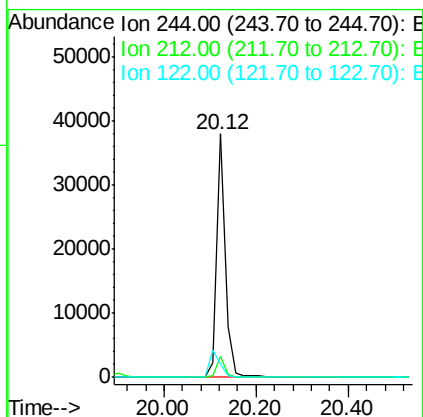
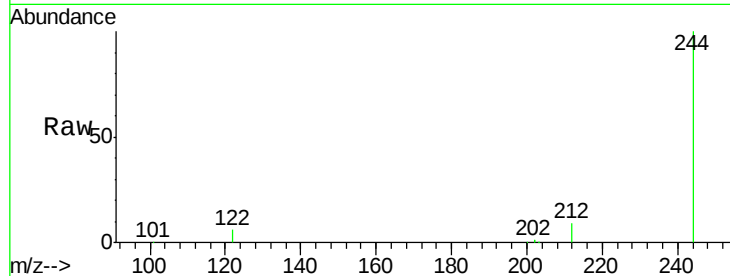




#26
 Terphenyl-d14
 Concen: 5.83 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092740.D
 Acq: 15 Feb 2017 19:21

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Tgt Ion: 244 Resp: 51033
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 5.7 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.03 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BE092740.D
 Acq: 15 Feb 2017 19:21

Tgt Ion: 264 Resp: 68242
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 22.2 17.9 26.9

