

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092065.D
 Acq On : 28 Jul 2016 3:48
 Operator : UM/SJ
 Sample : H4107-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

Quant Time: Jul 28 12:42:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

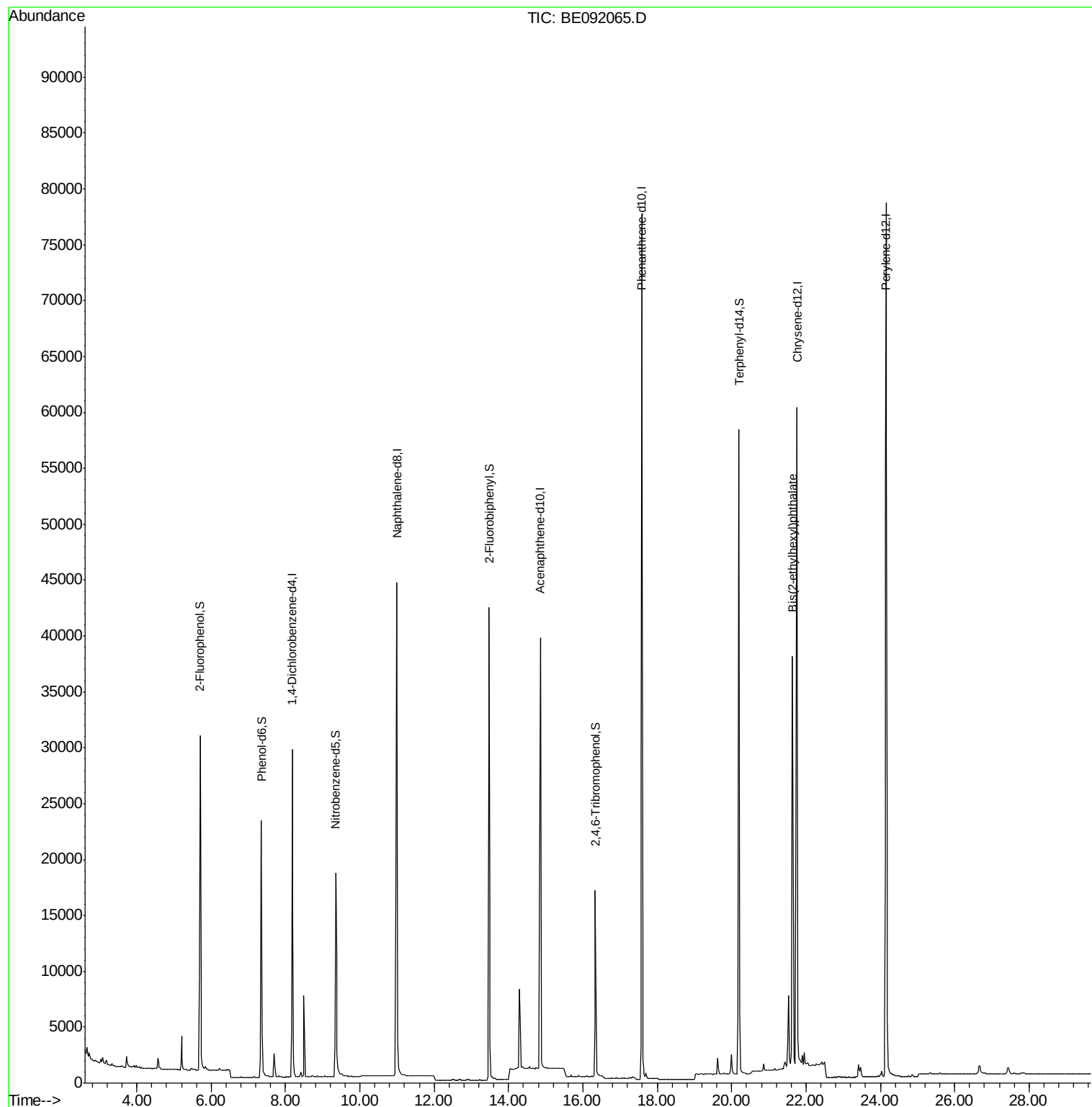
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	16292	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	75024	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	34162	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	104047	5.00	ng	0.00
31) Chrysene-d12	21.76	240	99760	5.00	ng	0.00
40) Perylene-d12	24.15	264	114869	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	23988	6.61	ng	-0.02
5) Phenol-d6	7.35	99	33982	7.02	ng	0.00
9) Nitrobenzene-d5	9.35	82	18675	3.34	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	8713	5.53	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	45199	3.30	ng	0.00
34) Terphenyl-d14	20.20	244	75821	4.08	ng	0.00
Target Compounds						
38) Bis(2-ethylhexyl)phthalate	21.64	149	62012	0.71	ng	Qvalue # 98

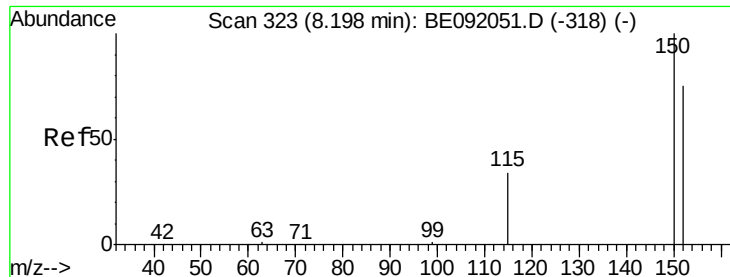
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

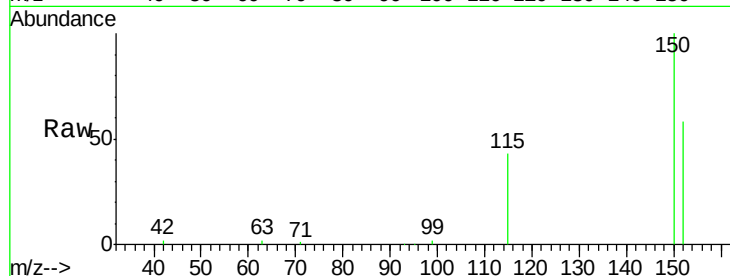
Tgt Ion:152 Resp: 16292

Ion Ratio Lower Upper

152 100

150 172.7 106.0 159.0#

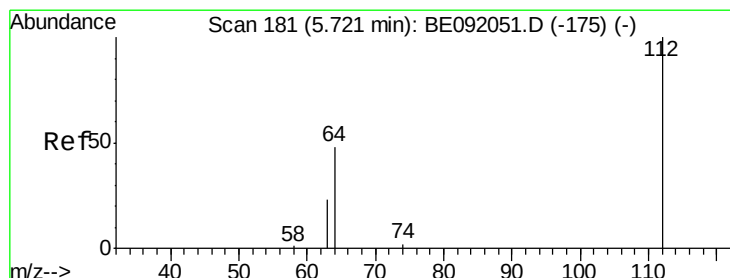
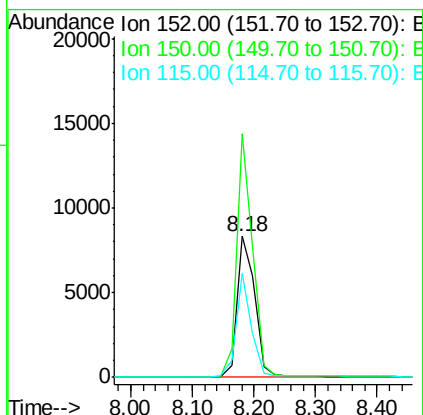
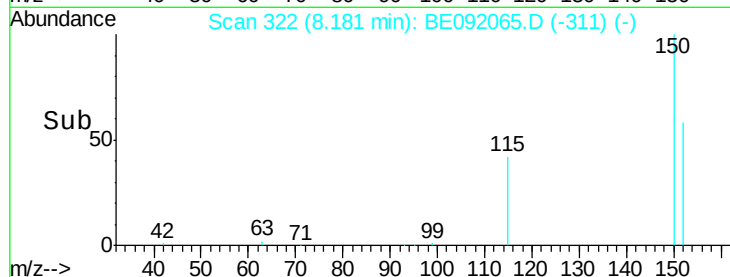
115 73.7 36.9 55.3#



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: 6.61 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

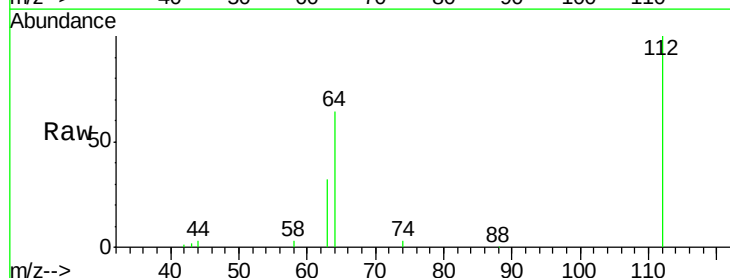
Tgt Ion:112 Resp: 23988

Ion Ratio Lower Upper

112 100

64 66.6 55.9 83.9

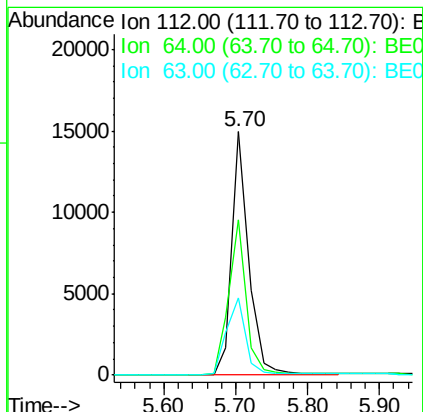
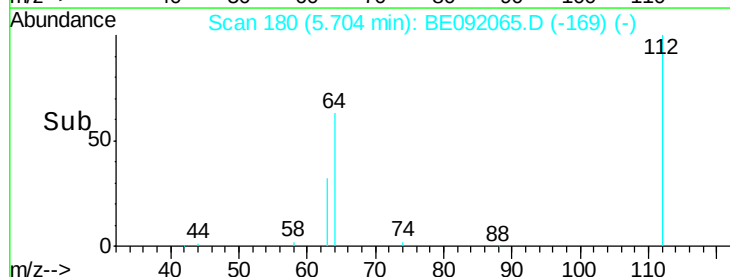
63 36.3 31.1 46.7

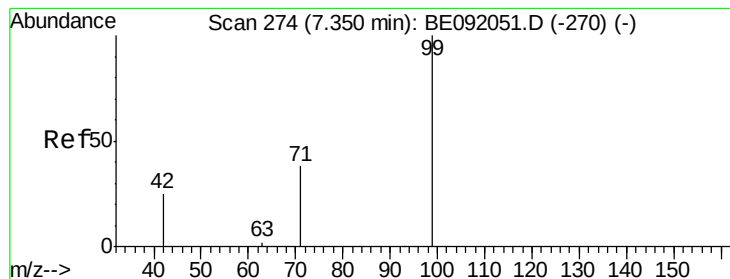


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.02 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

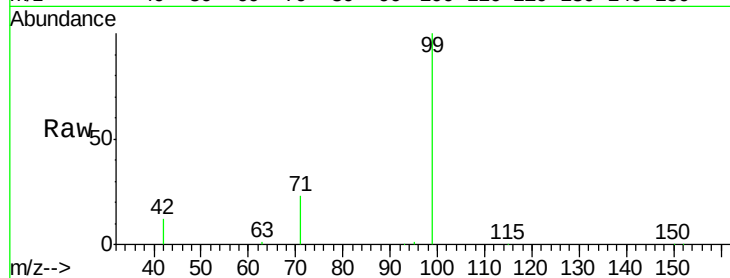
Tgt Ion: 99 Resp: 33982

Ion Ratio Lower Upper

99 100

42 25.8 22.4 33.6

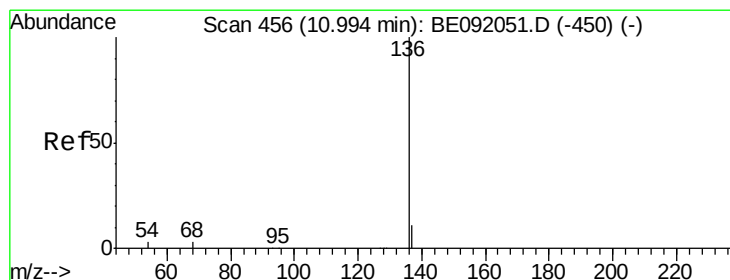
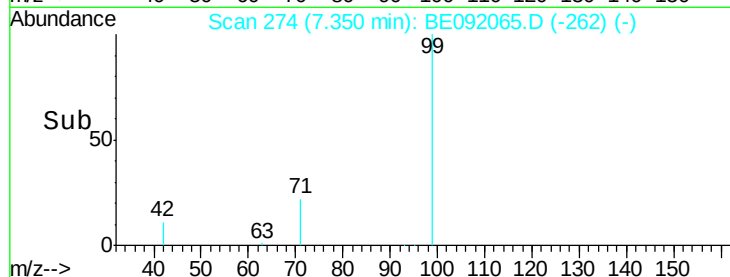
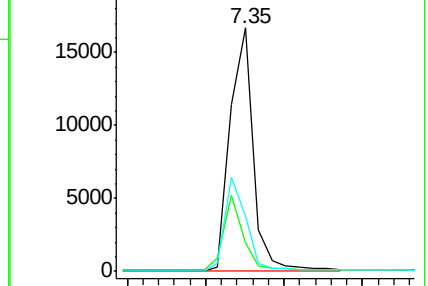
71 35.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092051.D (-270) (-)

Ion 42.00 (41.70 to 42.70): BE092051.D (-270) (-)

Ion 71.00 (70.70 to 71.70): BE092051.D (-270) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Tgt Ion: 136 Resp: 75024

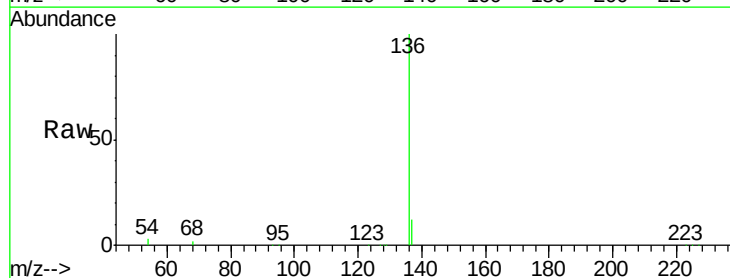
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 2.7 2.7 4.1#

68 2.2 2.2 3.4#

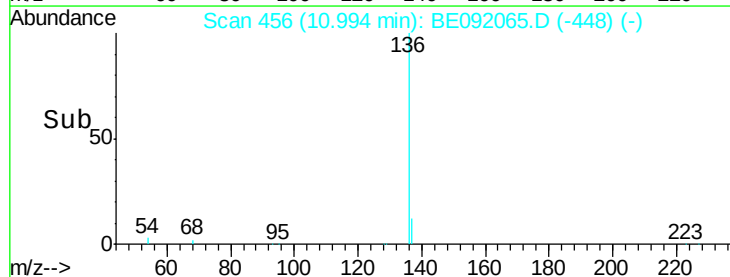
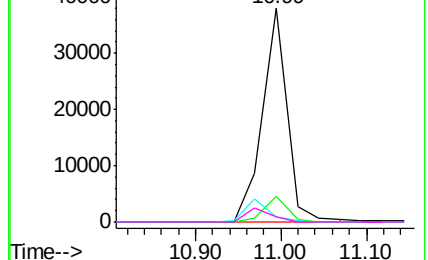


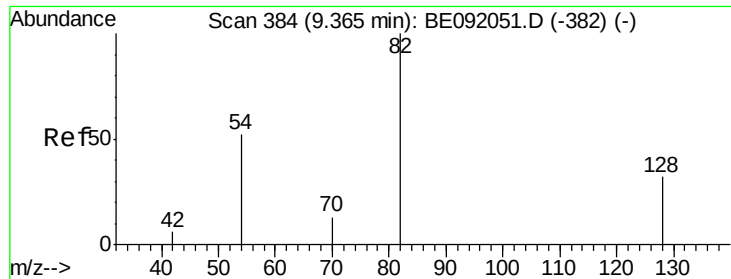
Abundance Ion 136.00 (135.70 to 136.70): BE092051.D (-450) (-)

Ion 137.00 (136.70 to 137.70): BE092051.D (-450) (-)

Ion 54.00 (53.70 to 54.70): BE092051.D (-450) (-)

Ion 68.00 (67.70 to 68.70): BE092051.D (-450) (-)





#9

Nitrobenzene-d5

Concen: 3.34 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

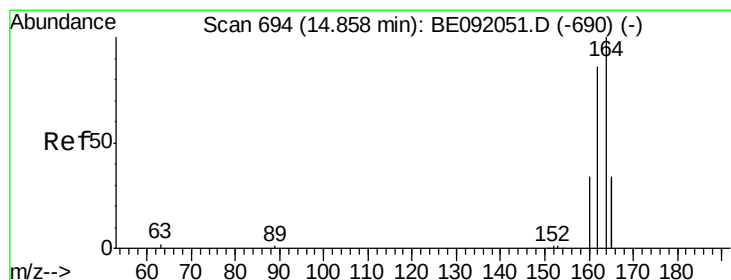
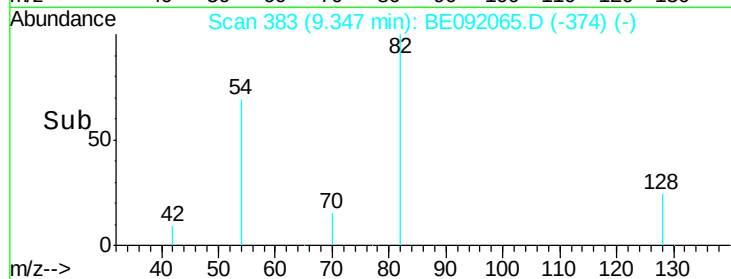
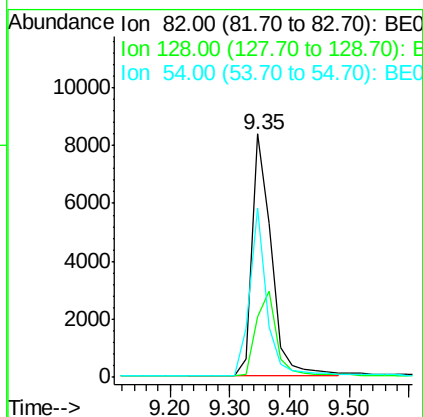
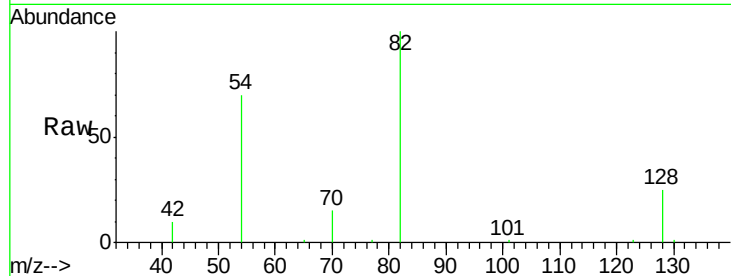
Tgt Ion: 82 Resp: 18675

Ion Ratio Lower Upper

82 100

128 24.8 33.0 49.4#

54 69.6 42.6 63.8#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

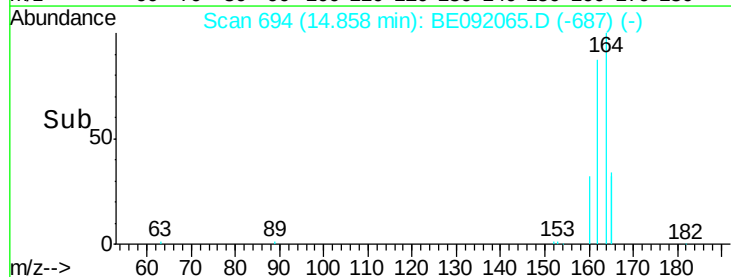
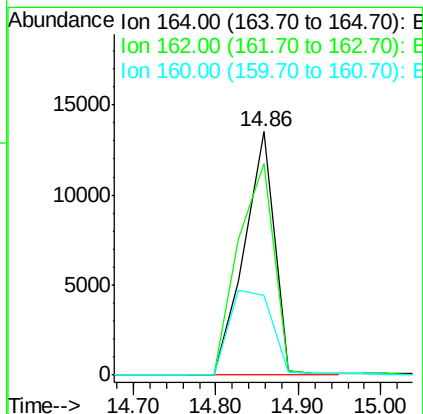
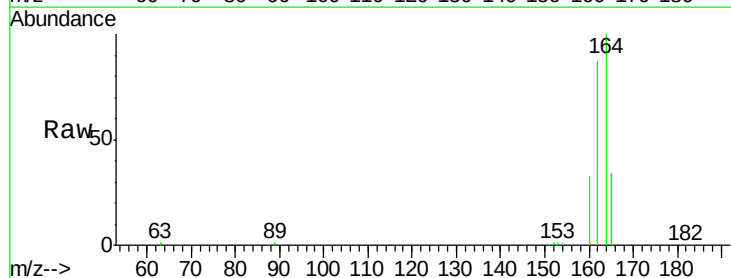
Tgt Ion: 164 Resp: 34162

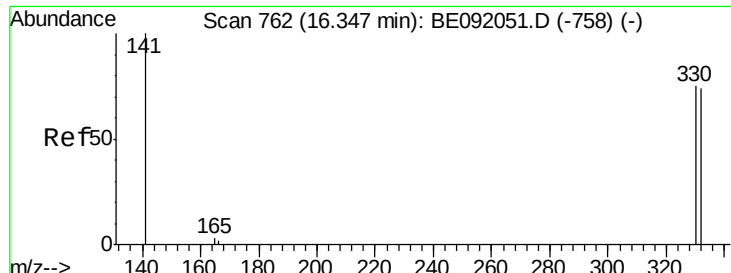
Ion Ratio Lower Upper

164 100

162 86.8 69.5 104.3

160 32.5 27.6 41.4

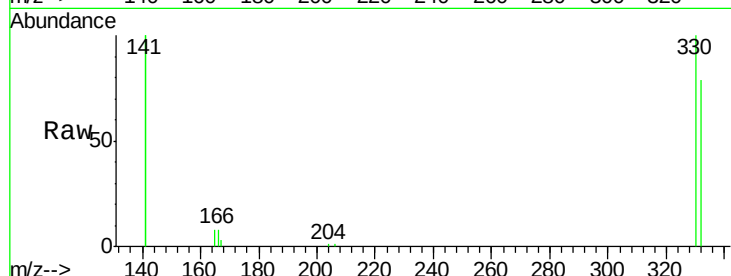




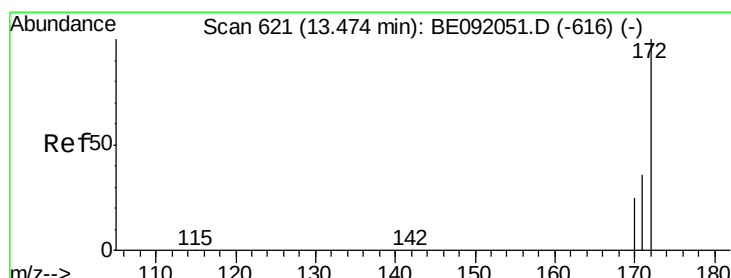
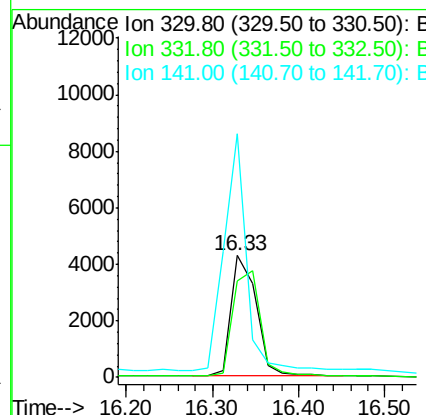
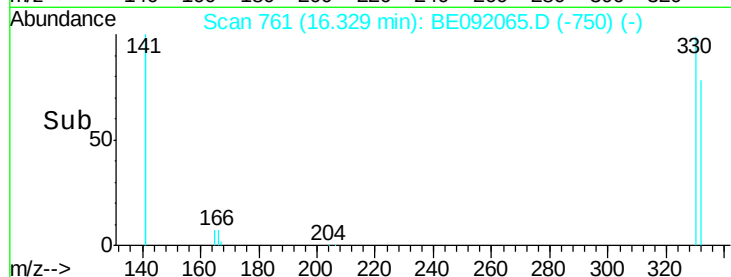
#16
 2,4,6-Tribromophenol
 Concen: 5.53 ng
 RT: 16.33 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

Tgt Ion: 330 Resp: 8713
 Ion Ratio Lower Upper
 330 100
 332 94.7 74.2 111.4
 141 173.0 139.8 209.8

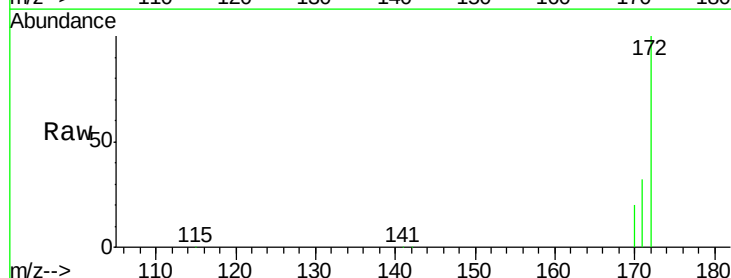


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

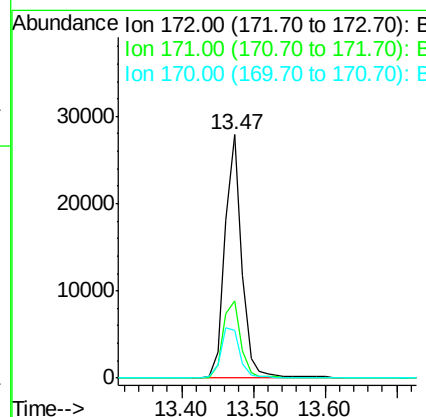
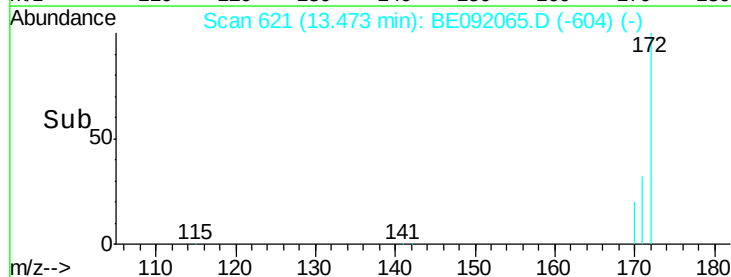


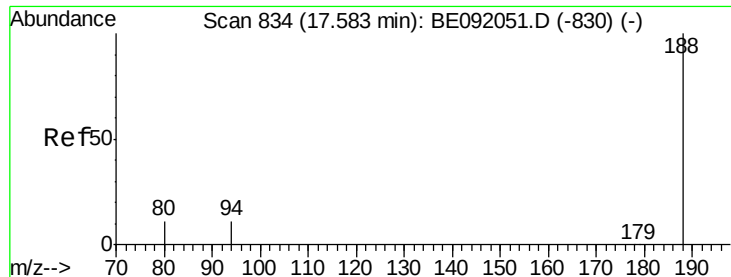
#17
 2-Fluorobiphenyl
 Concen: 3.30 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

Tgt Ion: 172 Resp: 45199
 Ion Ratio Lower Upper
 172 100
 171 31.8 30.3 45.5
 170 19.8 21.6 32.4#



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

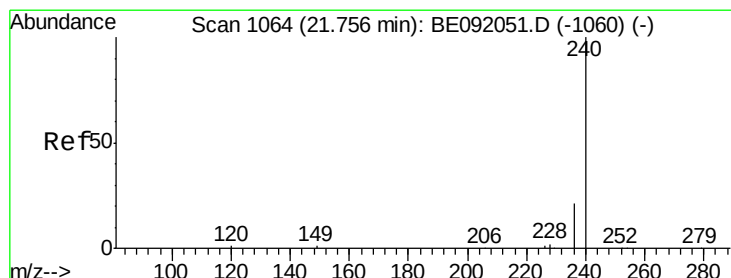
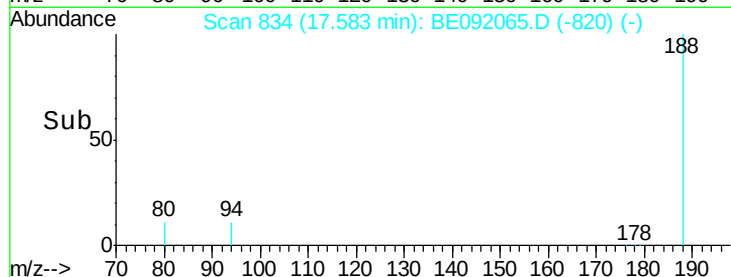
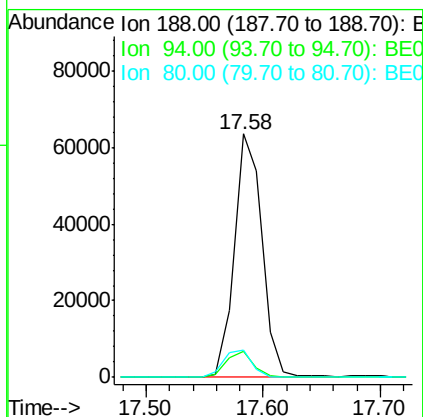
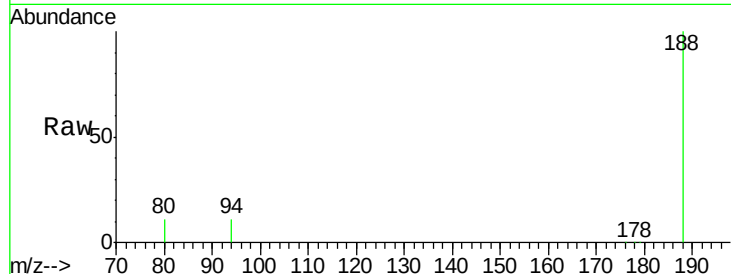




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 834
Delta R.T. -0.00 min
Lab File: BE092065.D
Acq: 28 Jul 2016 3:48

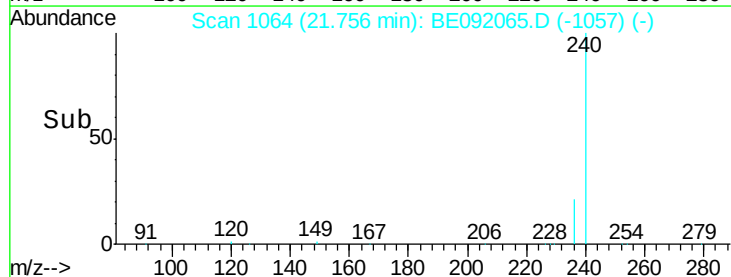
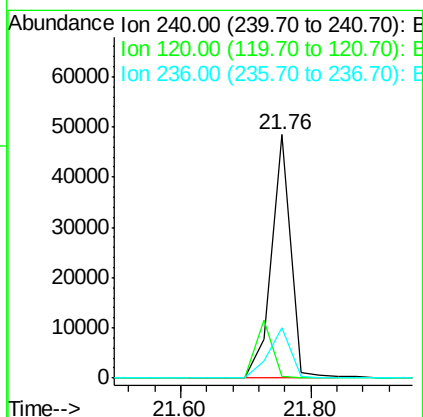
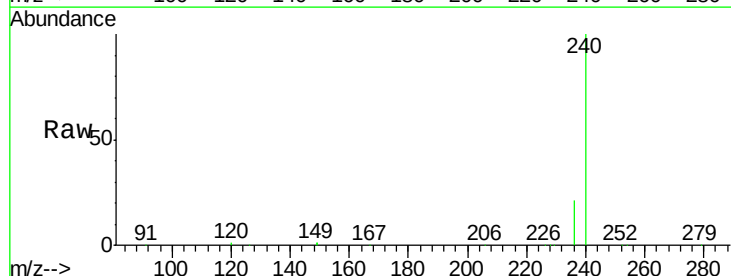
Instrument :
BNA_E
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TILCON-MH-3-4-STONE-002

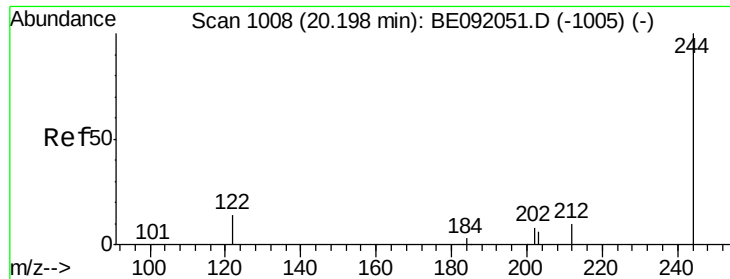
Tgt Ion:188 Resp: 104047
Ion Ratio Lower Upper
188 100
94 10.9 3.9 5.9#
80 11.0 3.4 5.0#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE092065.D
Acq: 28 Jul 2016 3:48

Tgt Ion:240 Resp: 99760
Ion Ratio Lower Upper
240 100
120 0.7 0.6 1.0
236 20.6 18.2 27.4

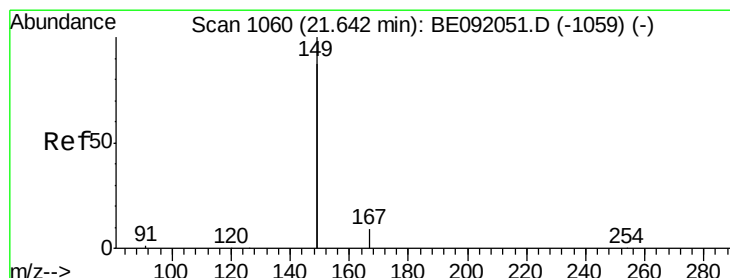
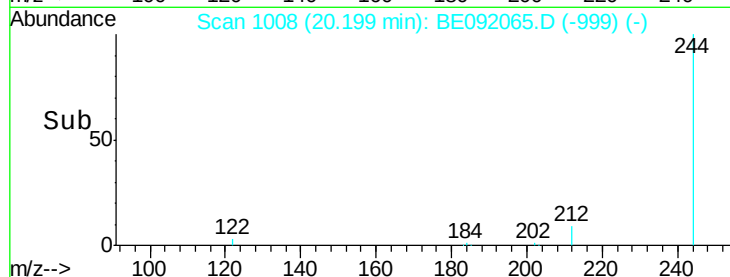
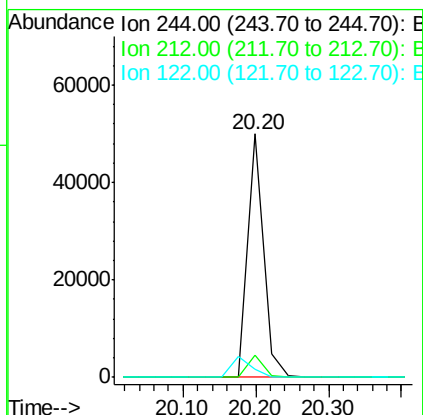
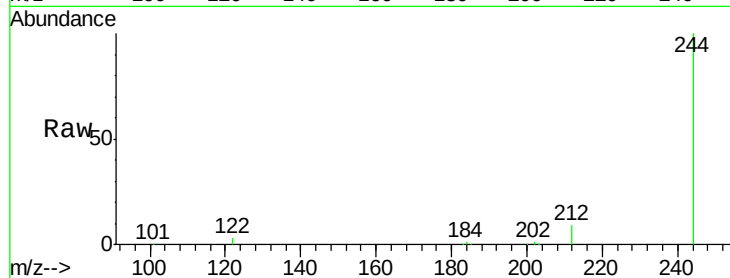




#34
 Terphenyl-d14
 Concen: 4.08 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

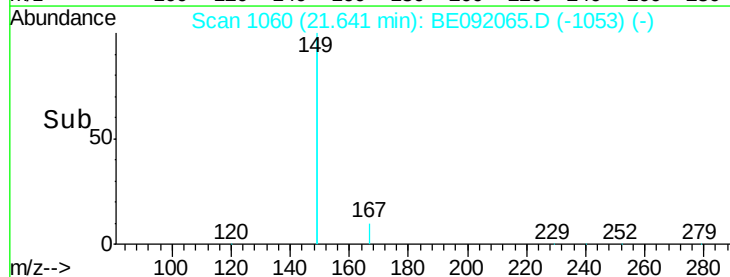
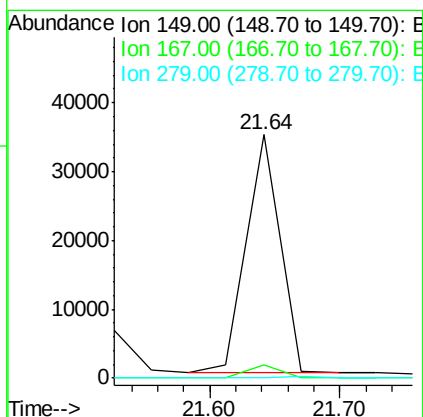
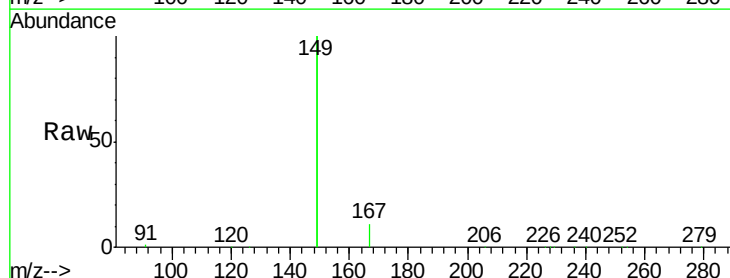
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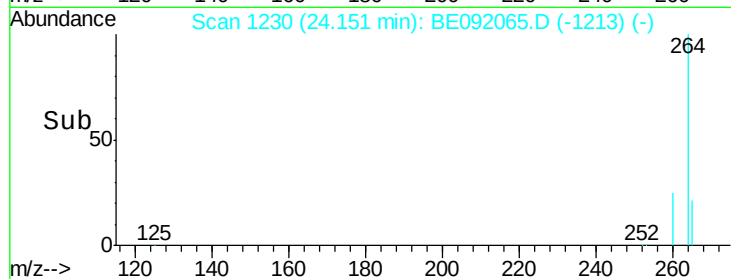
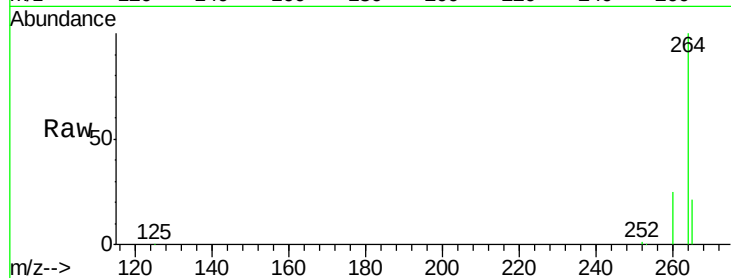
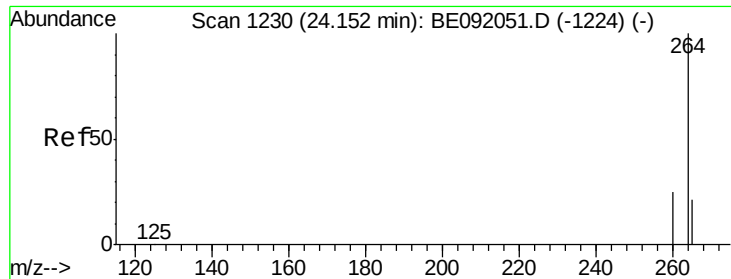
Tgt Ion: 244 Resp: 75821
 Ion Ratio Lower Upper
 244 100
 212 9.3 9.1 13.7
 122 3.3 11.0 16.4#



#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.71 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

Tgt Ion: 149 Resp: 62012
 Ion Ratio Lower Upper
 149 100
 167 5.5 3.8 5.6
 279 0.0 0.0 0.0





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

Tgt Ion: 264 Resp: 114869

Ion Ratio Lower Upper

264 100

260 25.3 20.8 31.2

265 21.5 16.6 25.0

