

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091216\
 Data File : BE092371.D
 Acq On : 12 Sep 2016 12:52
 Operator : UM/SJ
 Sample : H4728-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006

Quant Time: Sep 12 14:35:14 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

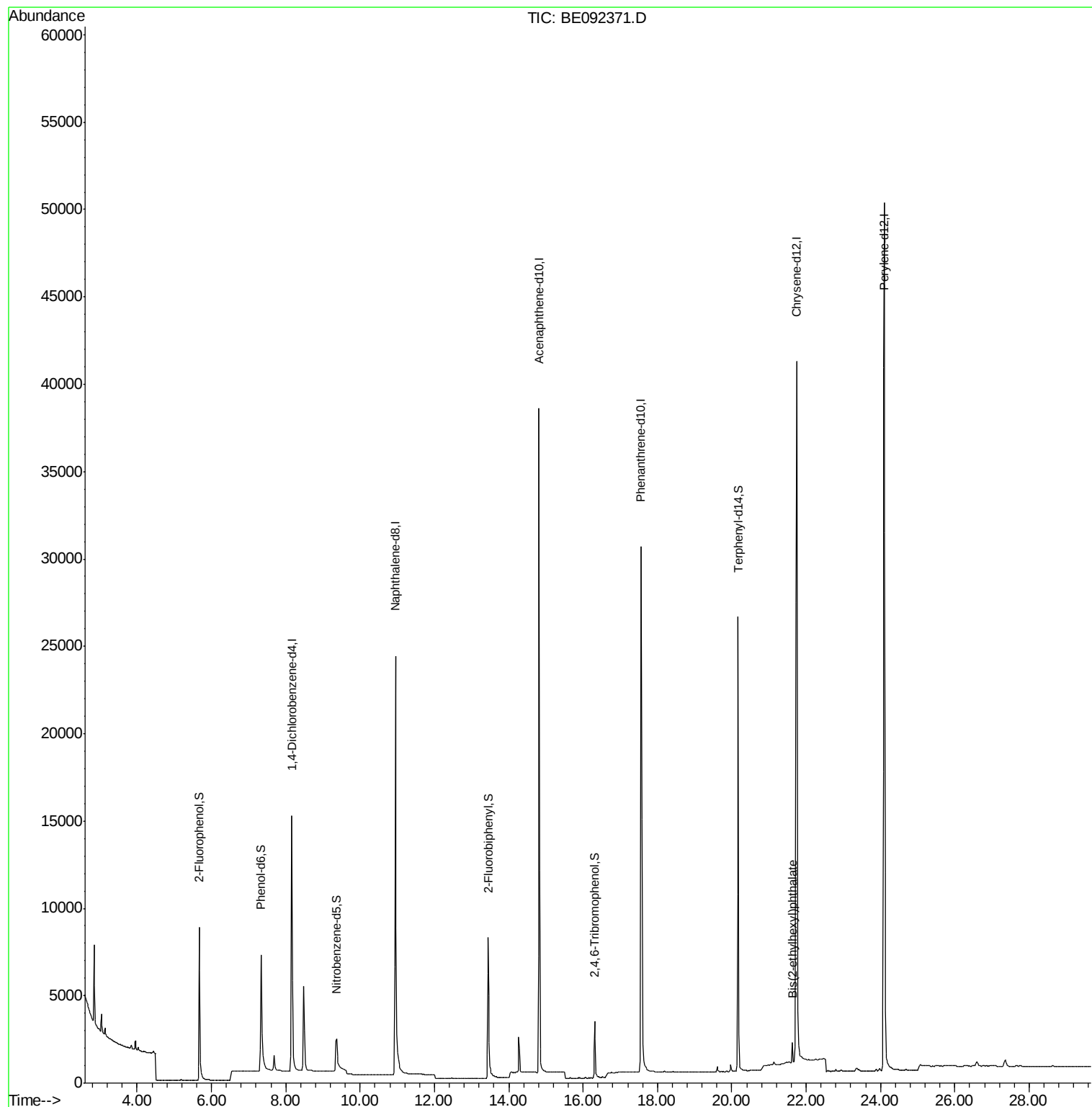
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8980	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	39352	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	23758	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	53566	5.00	ng	0.00
24) Chrysene-d12	21.75	240	67842	5.00	ng	0.00
31) Perylene-d12	24.10	264	76504	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	8206	3.84	ng	-0.01
5) Phenol-d6	7.34	99	9910	3.48	ng	-0.02
8) Nitrobenzene-d5	9.36	82	3930	1.39	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	2660	3.61	ng	-0.01
14) 2-Fluorobiphenyl	13.44	172	11525	1.58	ng	0.00
26) Terphenyl-d14	20.17	244	32996	3.29	ng	0.00
Target Compounds						
29) Bis(2-ethylhexyl)phthalate	21.63	149	1292	0.18	ng	Qvalue # 72

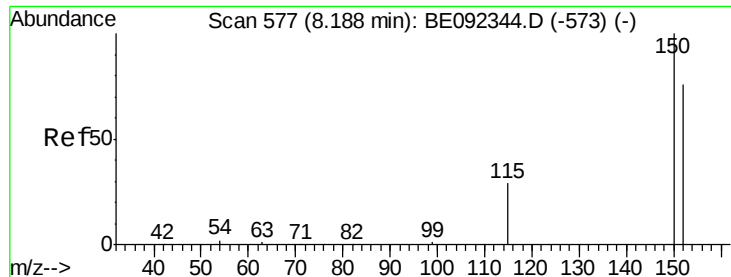
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006

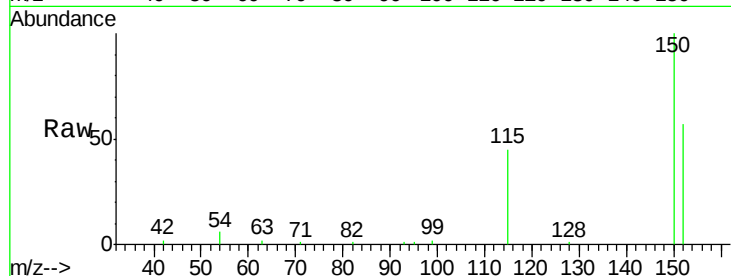
Tgt Ion:152 Resp: 8980

Ion Ratio Lower Upper

152 100

150 174.9 106.0 159.0#

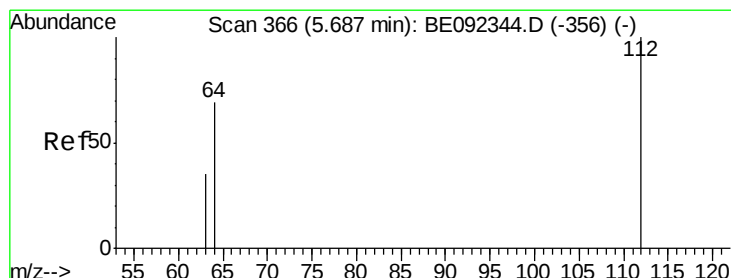
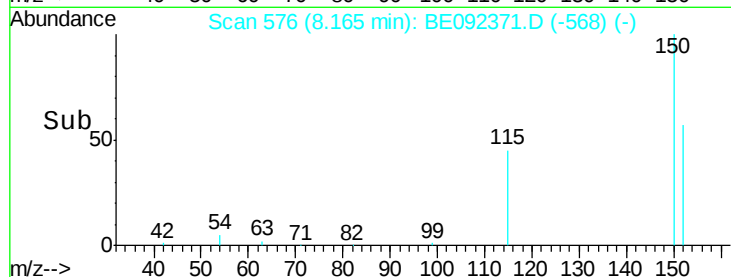
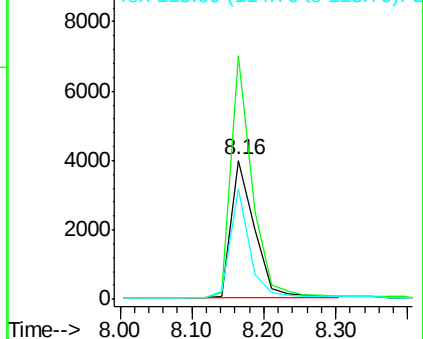
115 79.1 31.2 46.8#



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: 3.84 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

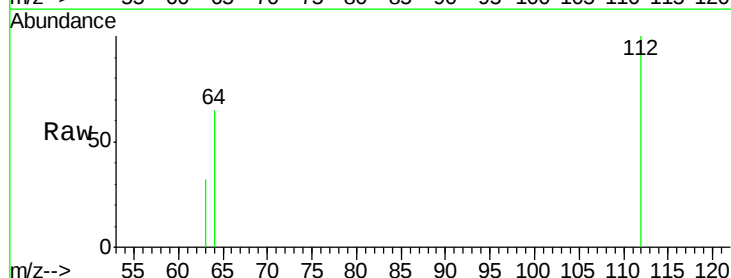
Tgt Ion:112 Resp: 8206

Ion Ratio Lower Upper

112 100

64 67.7 53.5 80.3

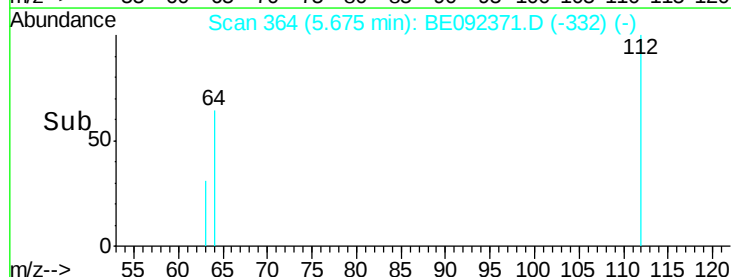
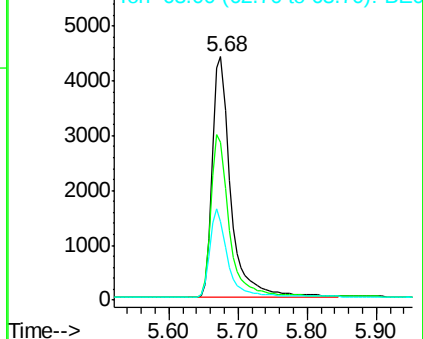
63 36.0 27.9 41.9

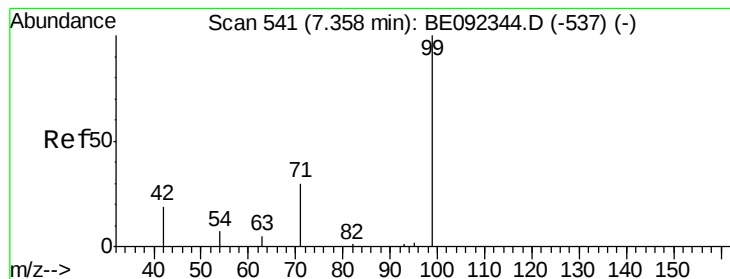


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.48 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006

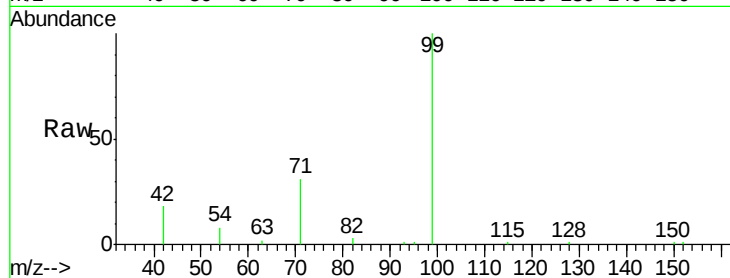
Tgt Ion: 99 Resp: 9910

Ion Ratio Lower Upper

99 100

42 23.6 16.0 24.0

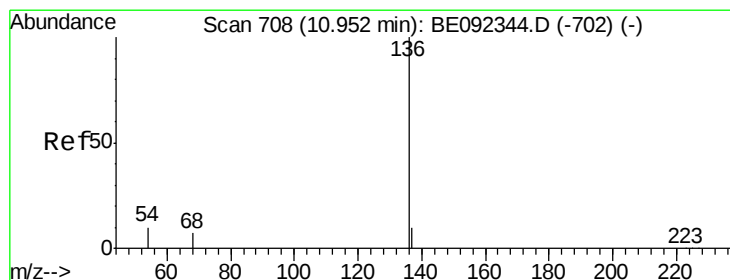
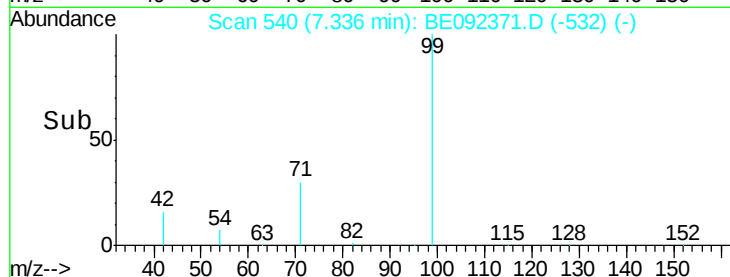
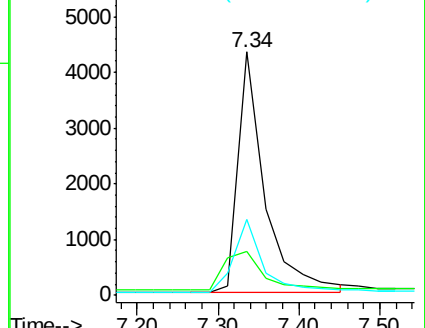
71 32.7 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE092344.D (-537) (-)

Ion 42.00 (41.70 to 42.70): BE092344.D (-537) (-)

Ion 71.00 (70.70 to 71.70): BE092344.D (-537) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Tgt Ion: 136 Resp: 39352

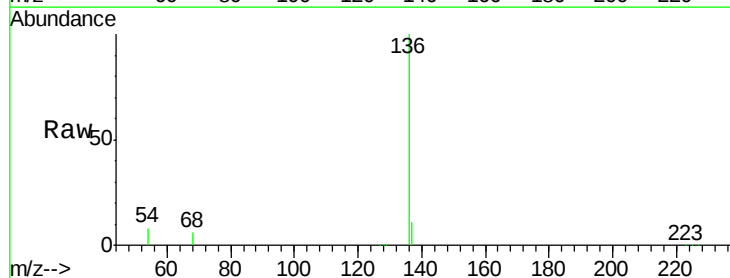
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.9 9.6 14.4#

68 5.9 6.7 10.1#

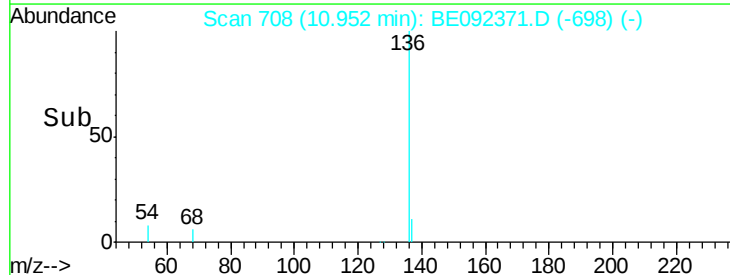
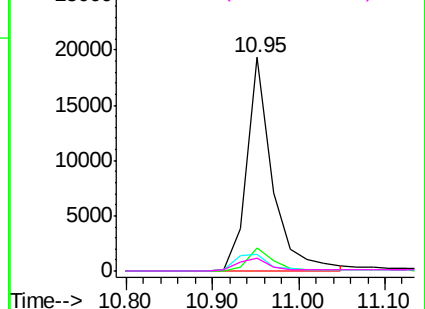


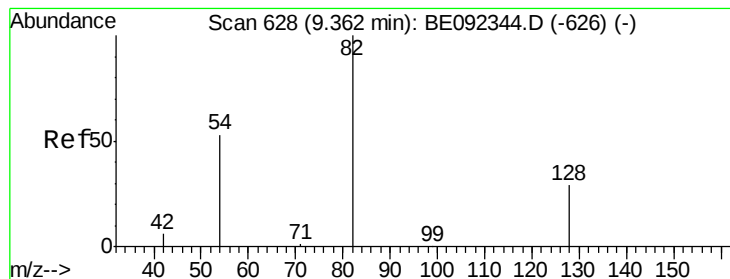
Abundance Ion 136.00 (135.70 to 136.70): BE092344.D (-702) (-)

Ion 137.00 (136.70 to 137.70): BE092344.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BE092344.D (-702) (-)

Ion 68.00 (67.70 to 68.70): BE092344.D (-702) (-)





#8

Nitrobenzene-d5

Concen: 1.39 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006

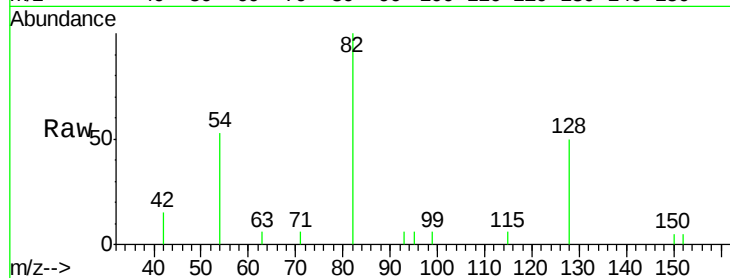
Tgt Ion: 82 Resp: 3930

Ion Ratio Lower Upper

82 100

128 50.3 39.0 58.4

54 52.7 44.8 67.2

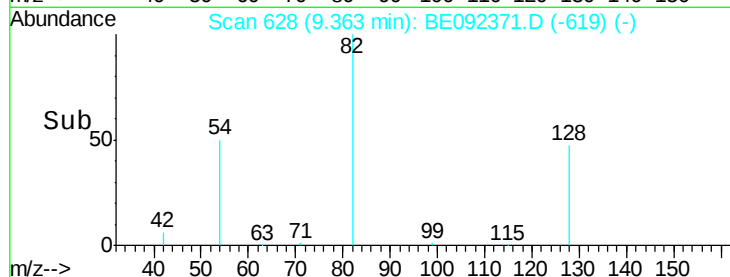


Abundance Ion 82.00 (81.70 to 82.70): BE092344.D (-626) (-)

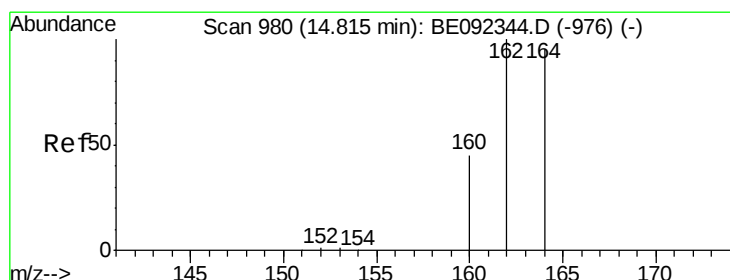
Ion 128.00 (127.70 to 128.70): BE092344.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092344.D (-626) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

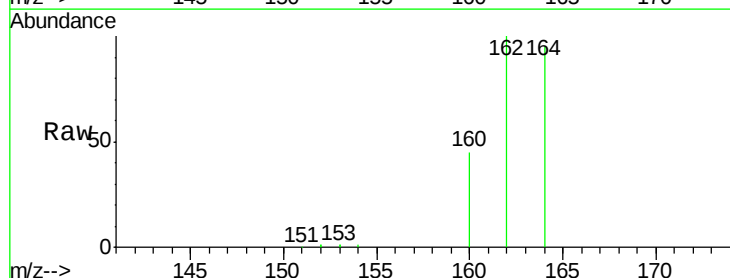
Tgt Ion: 164 Resp: 23758

Ion Ratio Lower Upper

164 100

162 105.7 71.4 107.0

160 47.9 27.4 41.2#

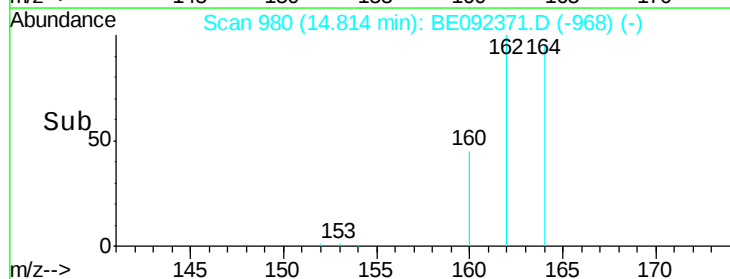


Abundance Ion 164.00 (163.70 to 164.70): BE092344.D (-976) (-)

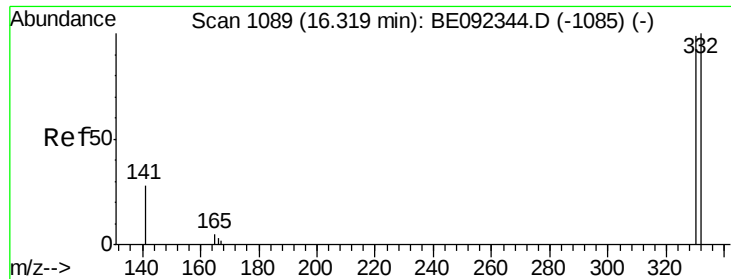
Ion 162.00 (161.70 to 162.70): BE092344.D (-976) (-)

Ion 160.00 (159.70 to 160.70): BE092344.D (-976) (-)

Time-->



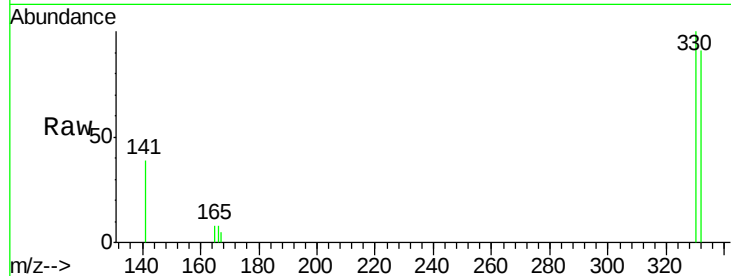
Time-->



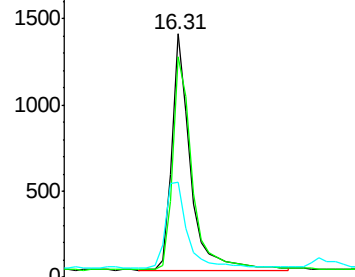
#13
 2,4,6-Tribromophenol
 Concen: 3.61 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092371.D
 Acq: 12 Sep 2016 12:52

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006

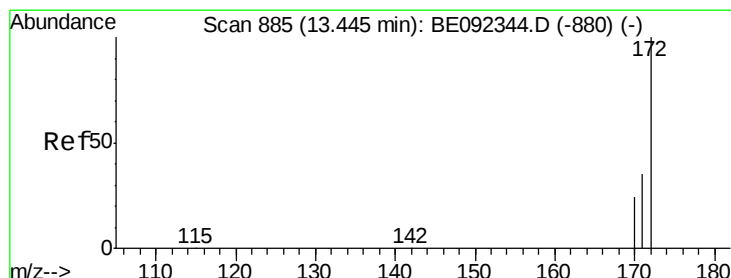
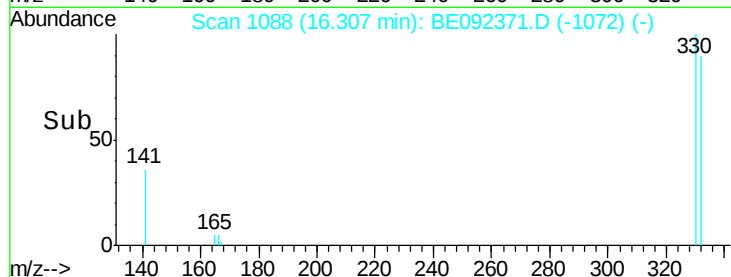
Tgt Ion:330 Resp: 2660
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 43.0 31.0 46.6



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

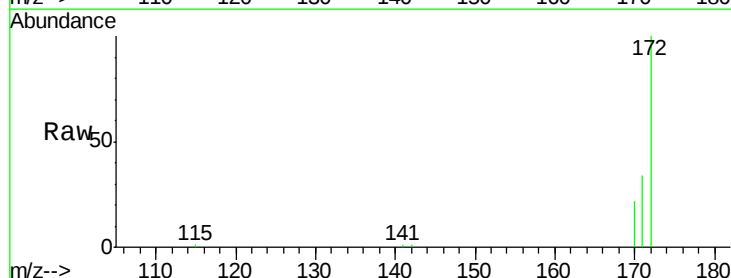


Time-->

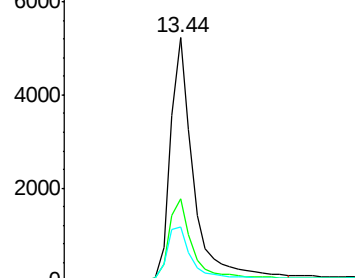


#14
 2-Fluorobiphenyl
 Concen: 1.58 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092371.D
 Acq: 12 Sep 2016 12:52

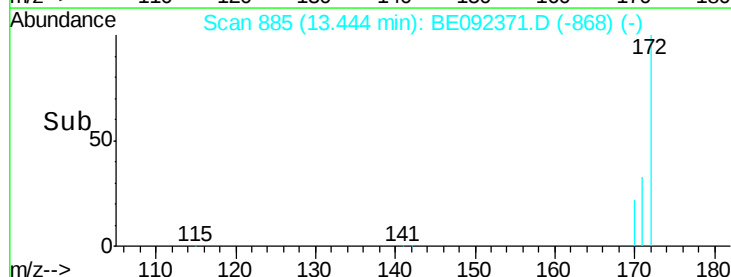
Tgt Ion:172 Resp: 11525
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.1 45.1
 170 22.3 21.8 32.6

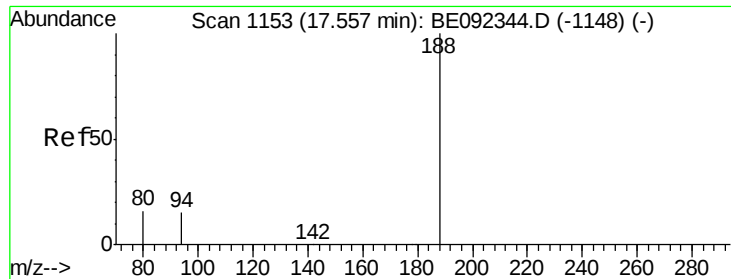


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006

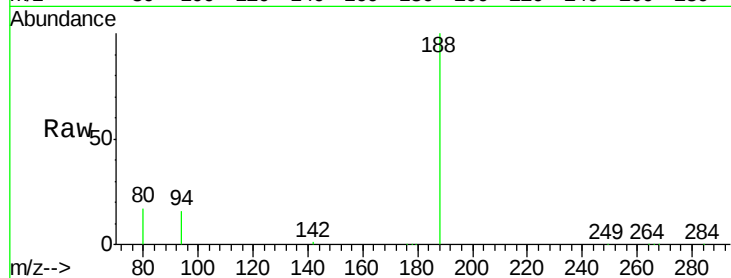
Tgt Ion:188 Resp: 53566

Ion Ratio Lower Upper

188 100

94 16.2 3.2 4.8#

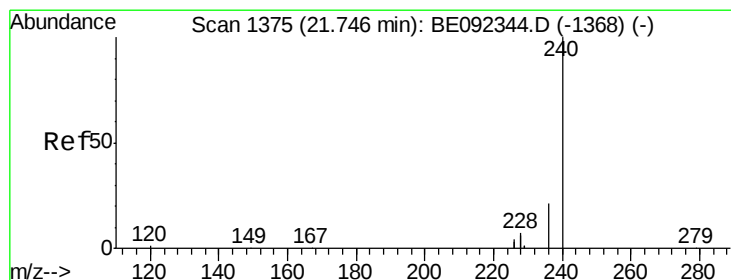
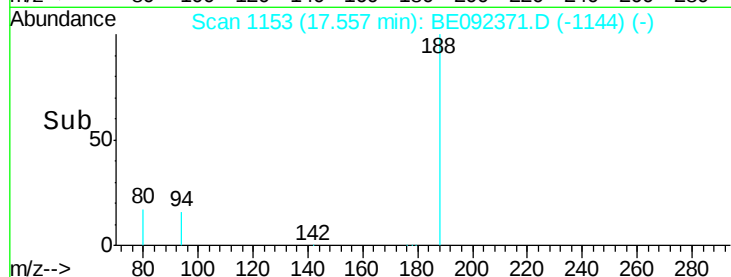
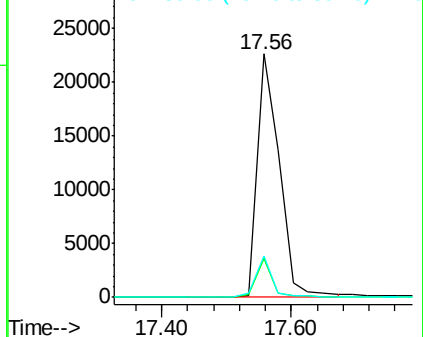
80 17.0 2.6 3.8#



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

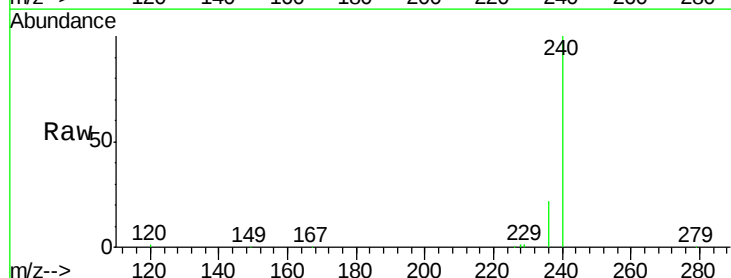
Tgt Ion:240 Resp: 67842

Ion Ratio Lower Upper

240 100

120 1.1 2.6 4.0#

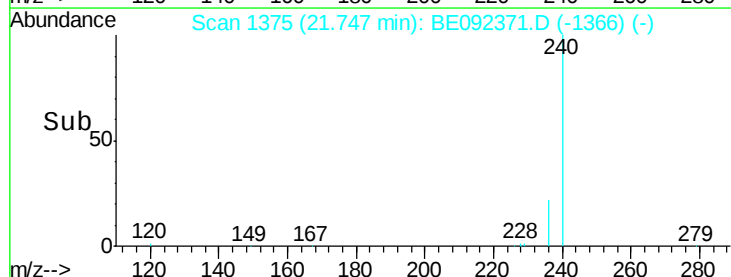
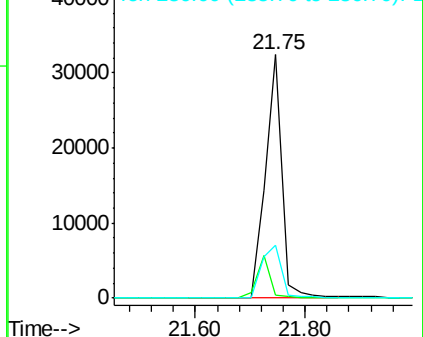
236 21.8 24.6 37.0#

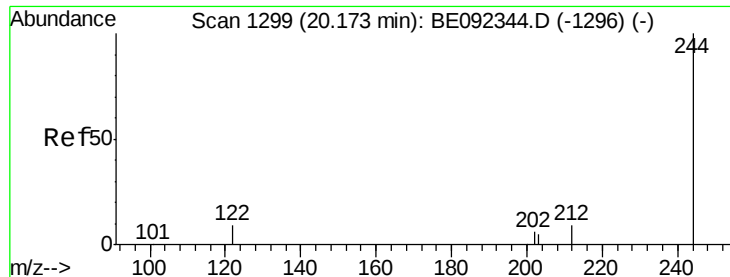


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 3.29 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006

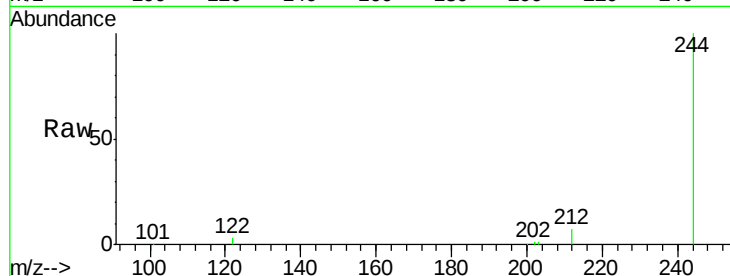
Tgt Ion:244 Resp: 32996

Ion Ratio Lower Upper

244 100

212 7.5 6.7 10.1

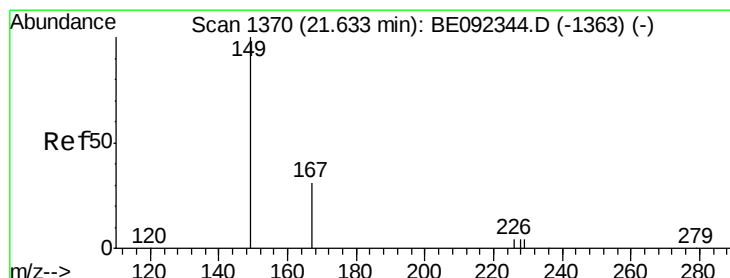
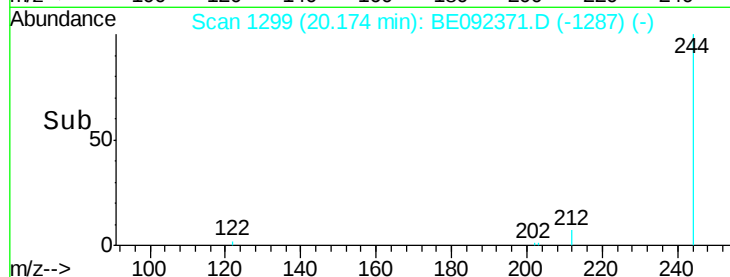
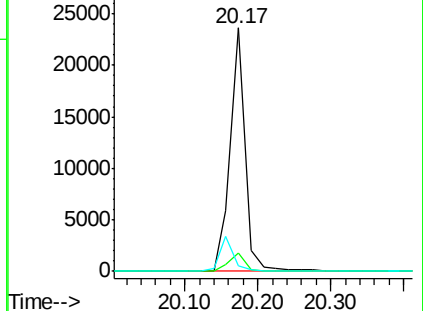
122 2.5 3.6 5.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

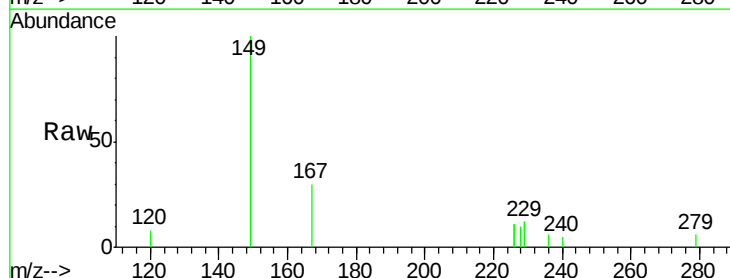
Tgt Ion:149 Resp: 1292

Ion Ratio Lower Upper

149 100

167 26.0 16.0 24.0#

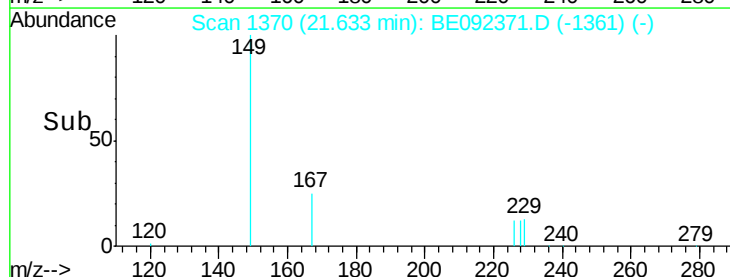
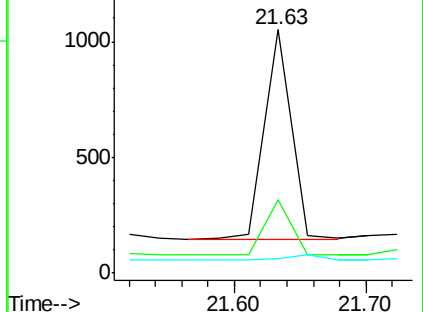
279 0.0 16.0 24.0#

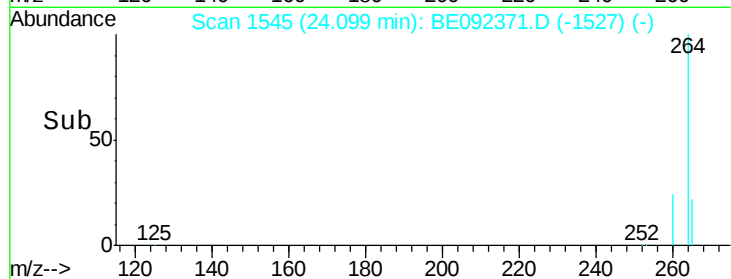
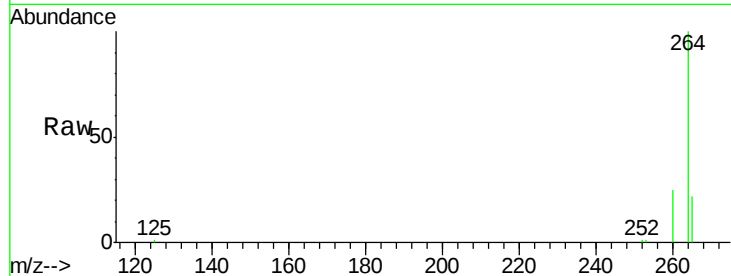
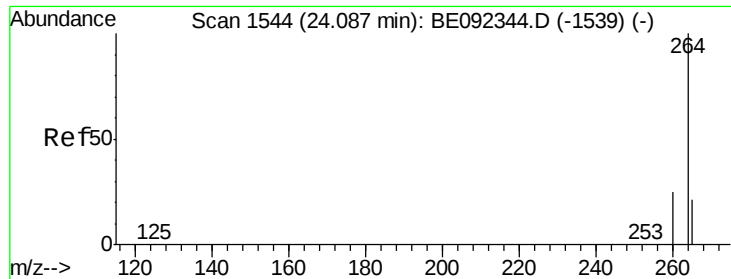


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.10 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006

Tgt Ion: 264 Resp: 76504

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

265 22.1 17.9 26.9

