

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091601.D
 Acq On : 1 Apr 2016 21:51
 Operator : UM/SJ
 Sample : H2087-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-002

Quant Time: Apr 02 00:10:02 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

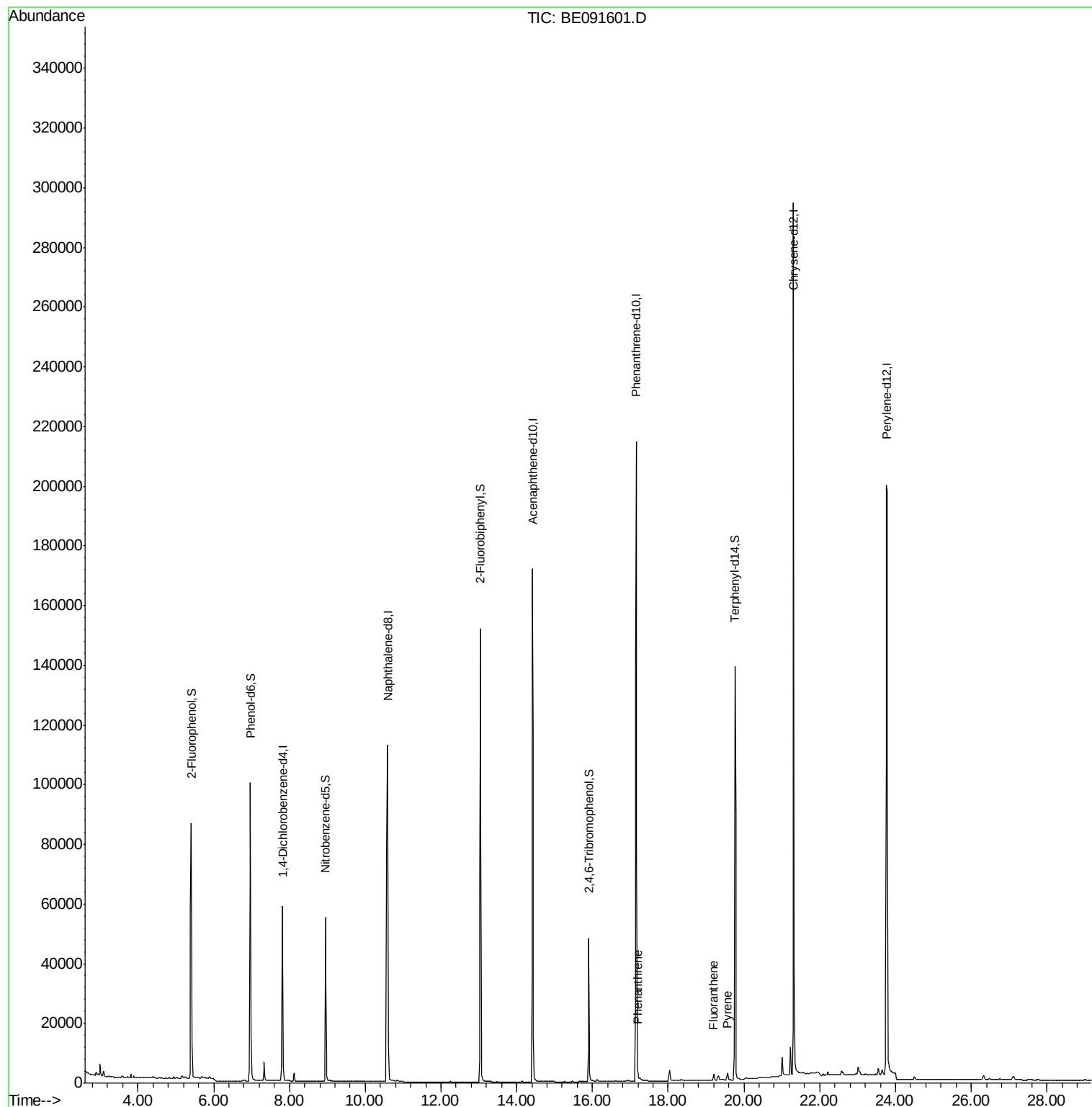
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38222	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	190139	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	110018	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	271521	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	344662	5.00	ng	-0.02
28) Perylene-d12	23.76	264	318145	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	76823	7.68	ng	-0.02
5) Phenol-d6	6.97	99	122314	9.04	ng	-0.02
7) Nitrobenzene-d5	8.96	82	50584	3.96	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	33677	6.91	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	148387	4.75	ng	-0.02
24) Terphenyl-d14	19.76	244	220851	5.05	ng	-0.02
Target Compounds						
19) Phenanthrene	17.19	178	2479	0.04	ng	# 90
21) Fluoranthene	19.21	202	2318	0.03	ng	# 91
23) Pyrene	19.57	202	2801	0.04	ng	# 94

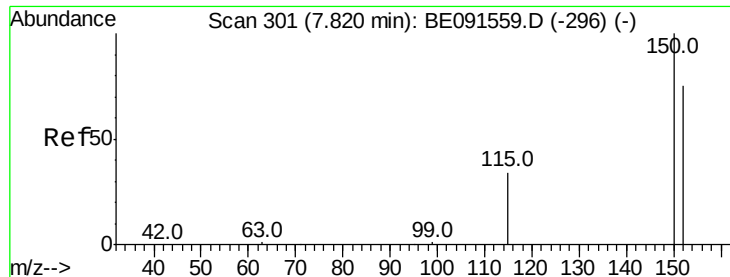
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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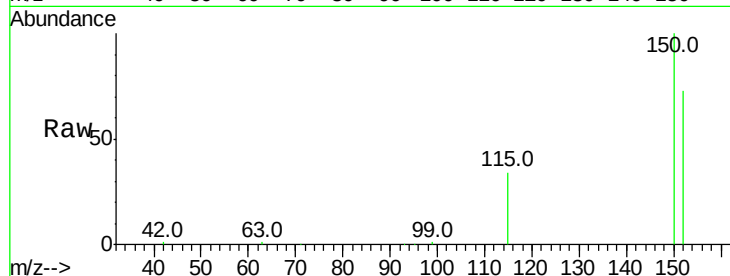


#1

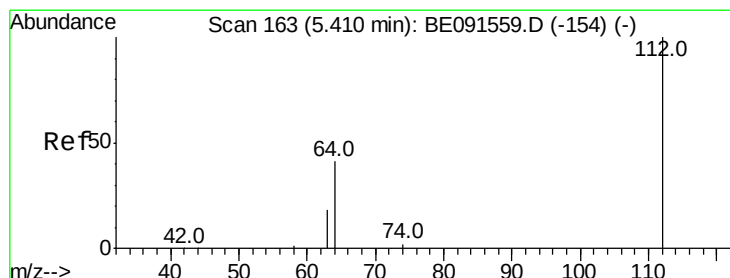
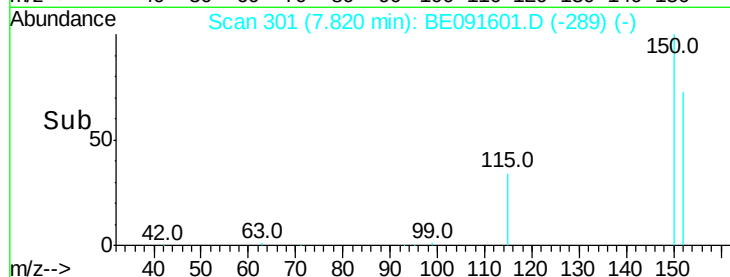
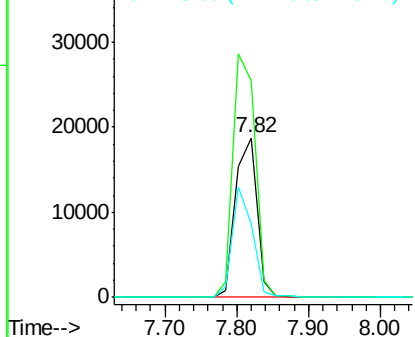
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091601.D
Acq: 1 Apr 2016 21:51

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-002

Tot Ion:152 Resp: 38222
Ion Ratio Lower Upper
152 100
150 136.1 122.2 183.2
115 46.3 45.9 68.9



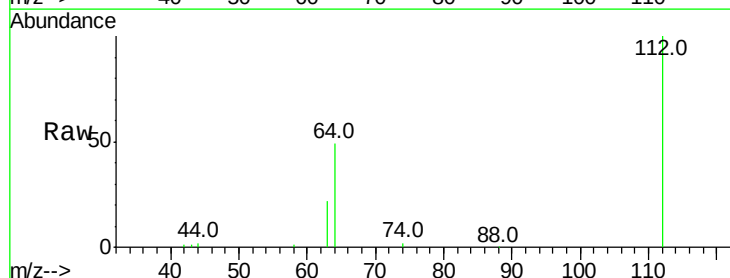
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



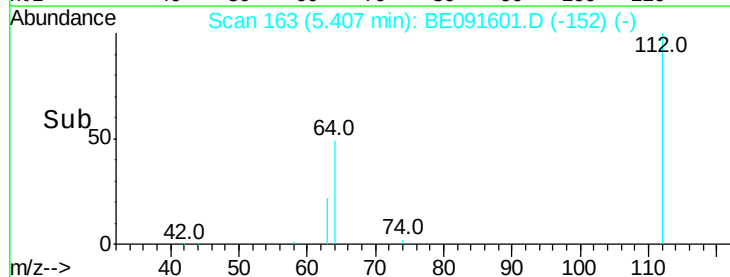
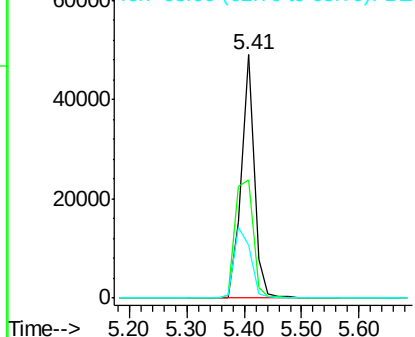
#4

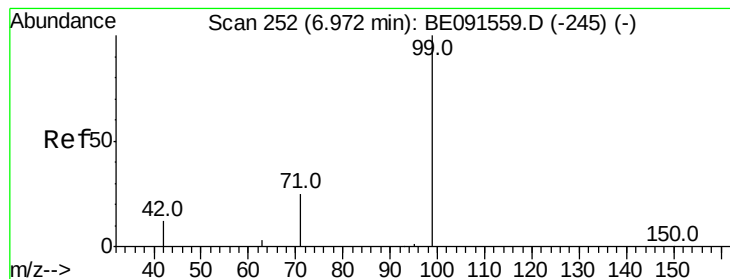
2-Fluorophenol
Concen: 7.68 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091601.D
Acq: 1 Apr 2016 21:51

Tgt Ion:112 Resp: 76823
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 36.4 29.8 44.8



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: 9.04 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-002

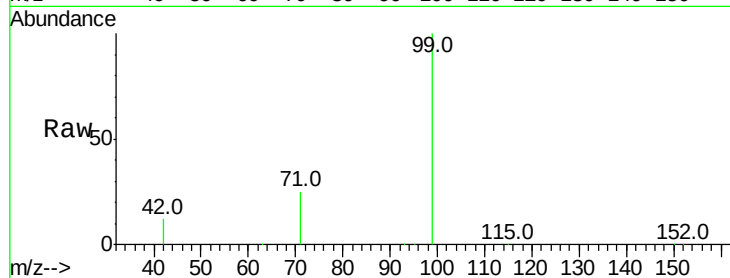
Tot Ion: 99 Resp: 122314

Ion Ratio Lower Upper

99 100

42 24.5 20.6 30.8

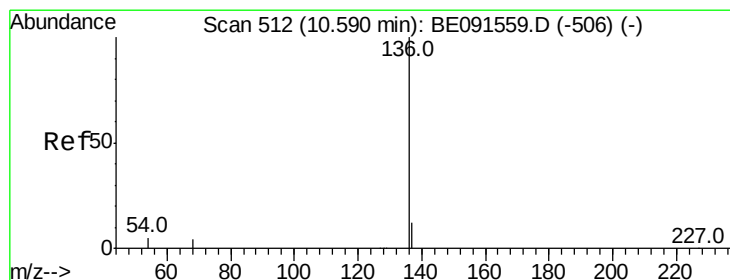
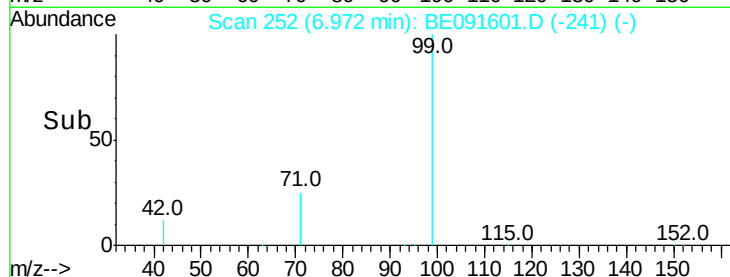
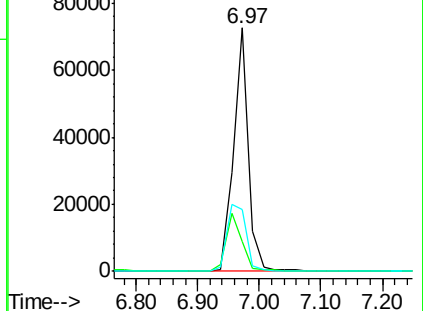
71 35.6 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE091559.D (-245) (-)

Ion 42.00 (41.70 to 42.70): BE091559.D (-245) (-)

Ion 71.00 (70.70 to 71.70): BE091559.D (-245) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

Tgt Ion: 136 Resp: 190139

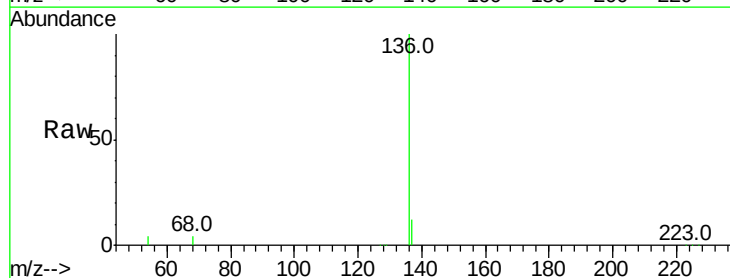
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 4.3 5.2 7.8#

68 3.6 4.1 6.1#

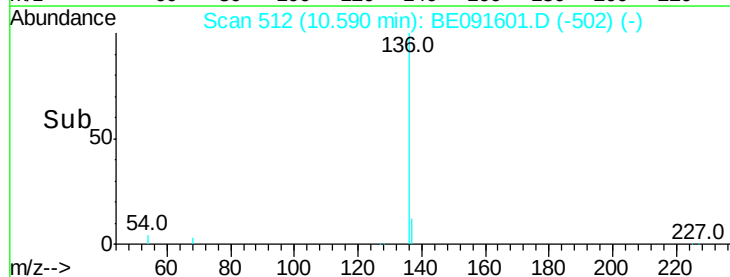
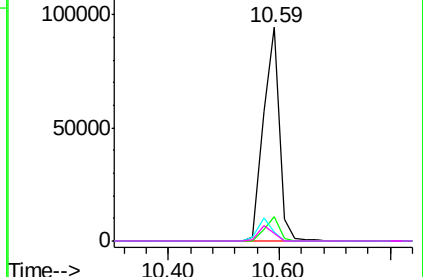


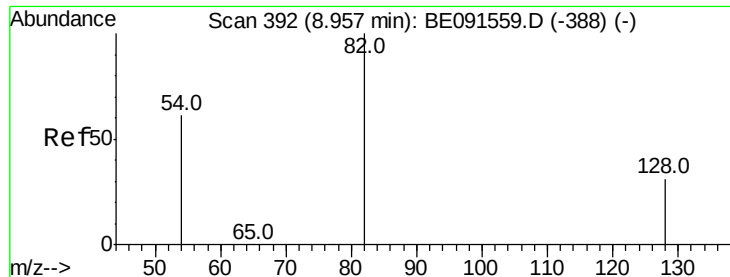
Abundance Ion 136.00 (135.70 to 136.70): BE091559.D (-506) (-)

Ion 137.00 (136.70 to 137.70): BE091559.D (-506) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-506) (-)

Ion 68.00 (67.70 to 68.70): BE091559.D (-506) (-)





#7

Nitrobenzene-d5

Concen: 3.96 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-002

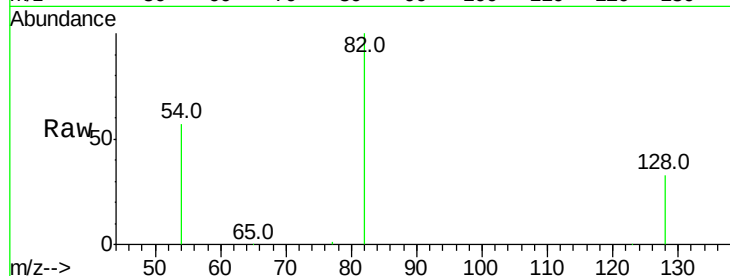
Tot Ion: 82 Resp: 50584

Ion Ratio Lower Upper

82 100

128 32.6 23.5 35.3

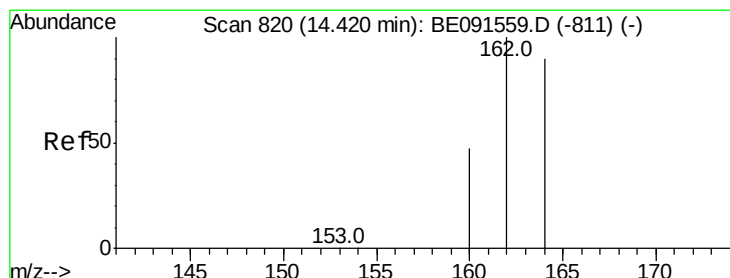
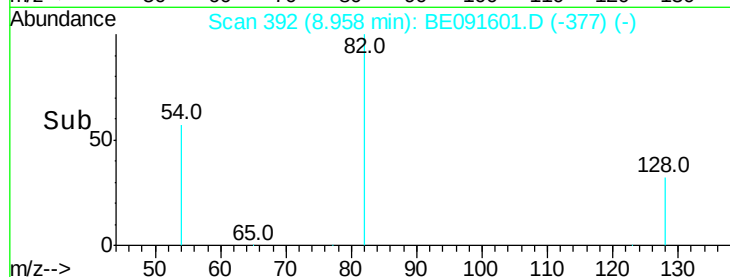
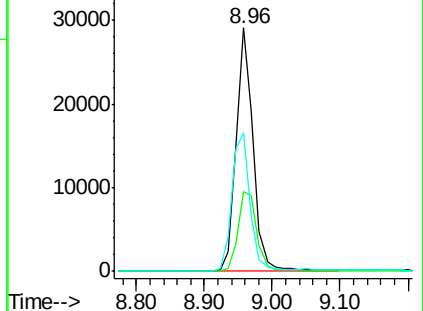
54 57.0 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

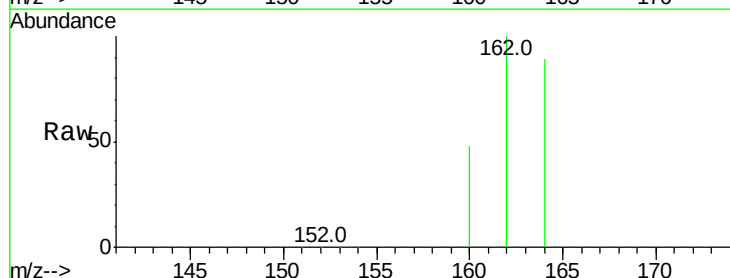
Tgt Ion: 164 Resp: 110018

Ion Ratio Lower Upper

164 100

162 112.3 84.4 126.6

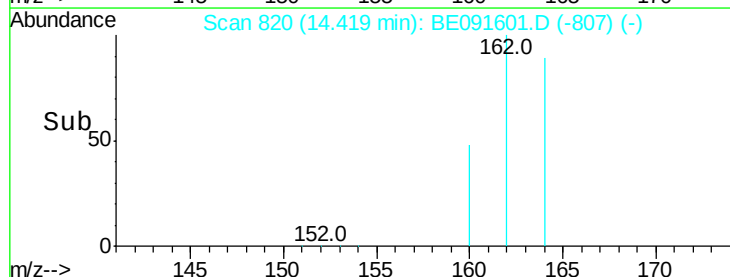
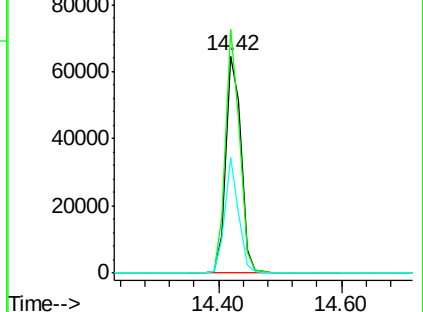
160 53.5 37.7 56.5

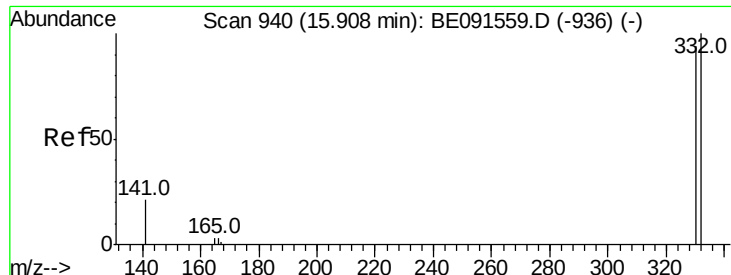


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

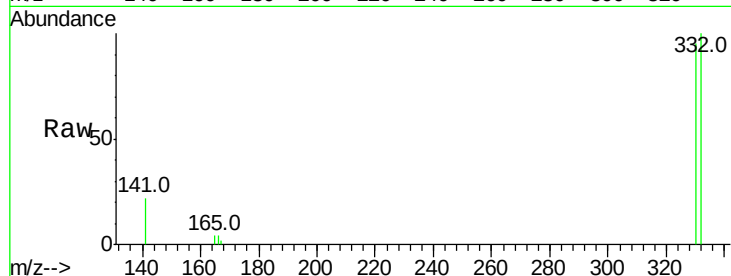




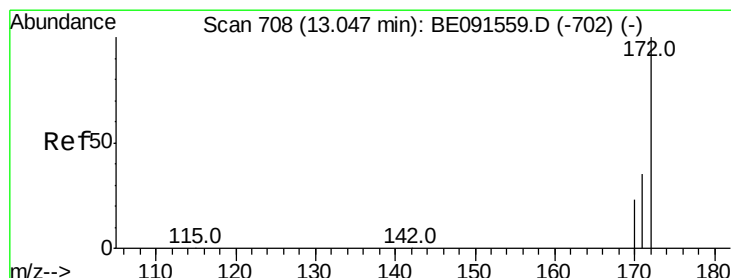
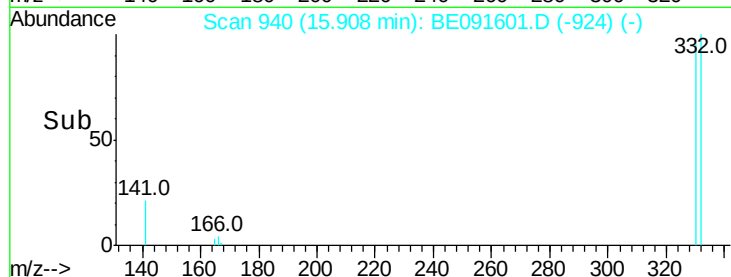
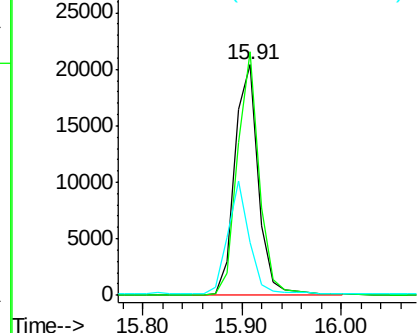
#11
 2,4,6-Tribromophenol
 Concen: 6.91 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091601.D
 Acq: 1 Apr 2016 21:51

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-002

Tot Ion:330 Resp: 33677
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.2 118.8
 141 44.9 28.1 42.1#

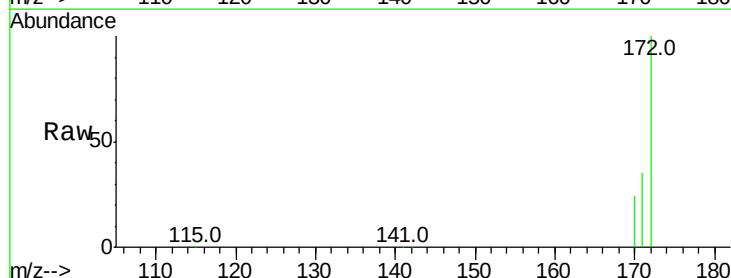


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

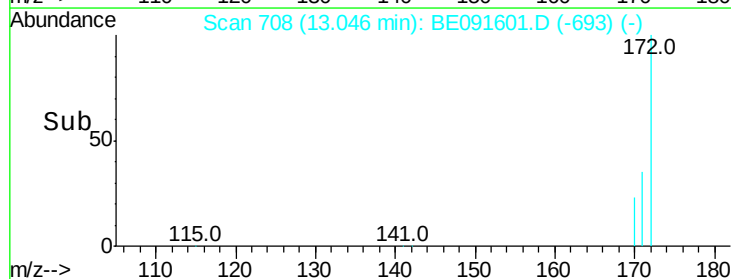
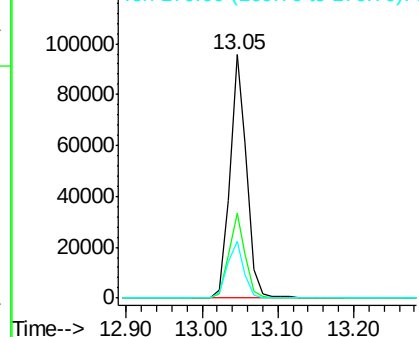


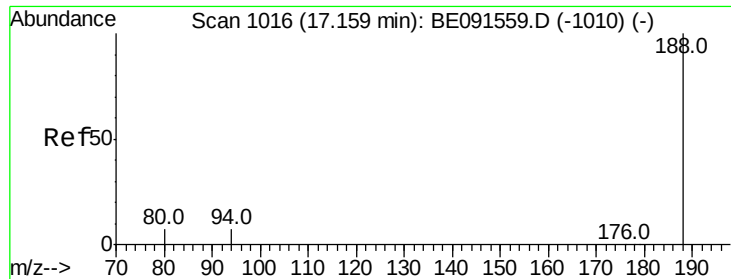
#12
 2-Fluorobiphenyl
 Concen: 4.75 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091601.D
 Acq: 1 Apr 2016 21:51

Tgt Ion:172 Resp: 148387
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.8 44.8
 170 23.5 21.4 32.2



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

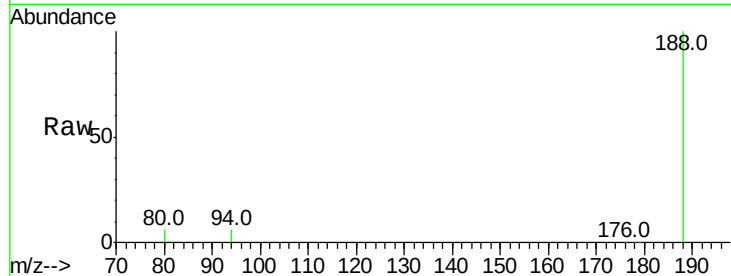




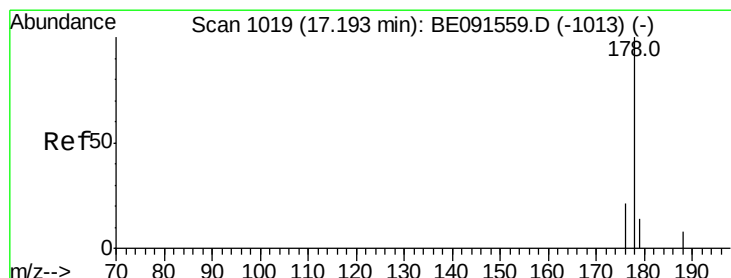
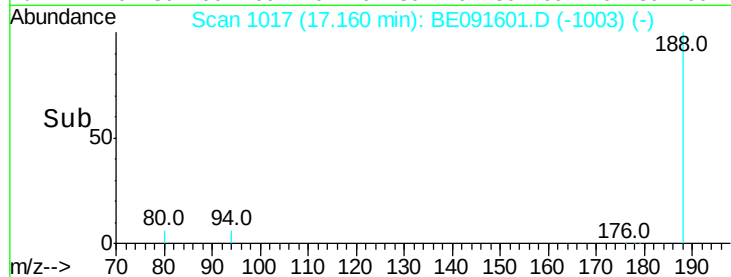
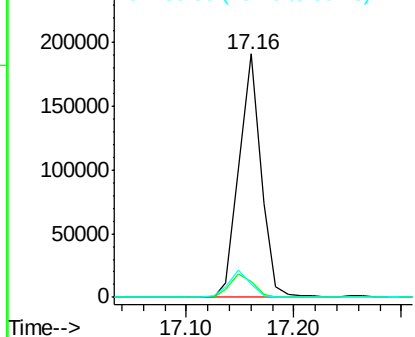
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091601.D
Acq: 1 Apr 2016 21:51

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-002

Tot Ion:188 Resp: 271521
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 5.7 5.0 7.4

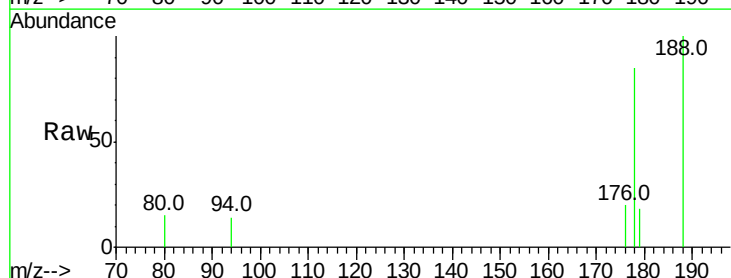


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

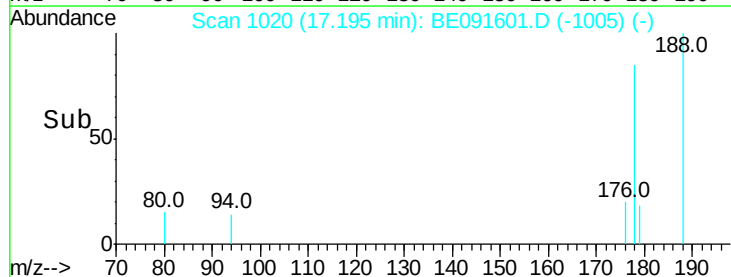
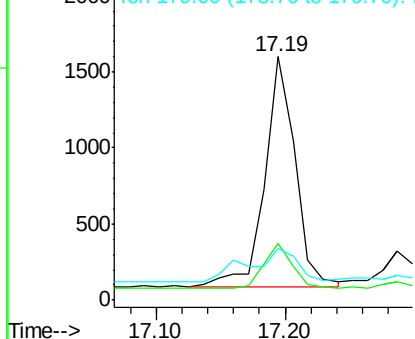


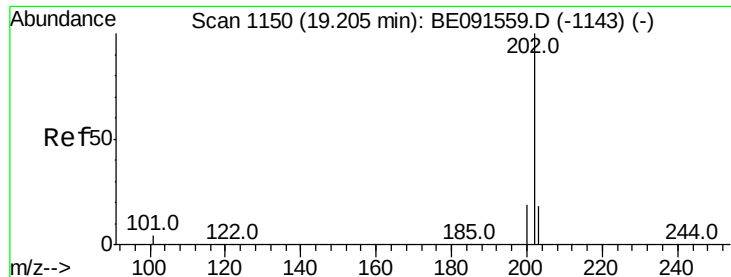
#19
Phenanthrene
Concen: 0.04 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE091601.D
Acq: 1 Apr 2016 21:51

Tgt Ion:178 Resp: 2479
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 24.4 13.1 19.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

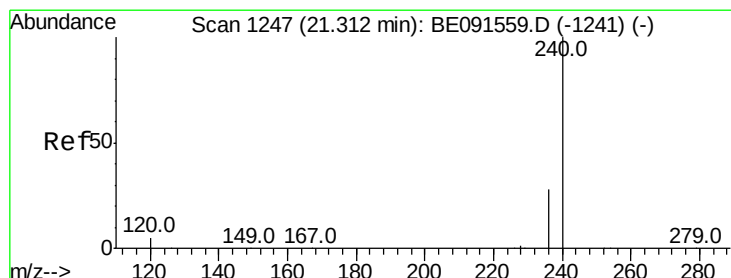
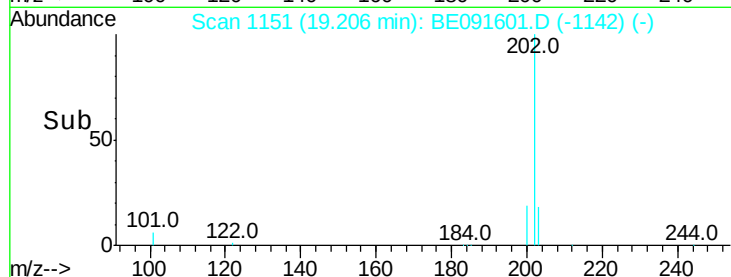
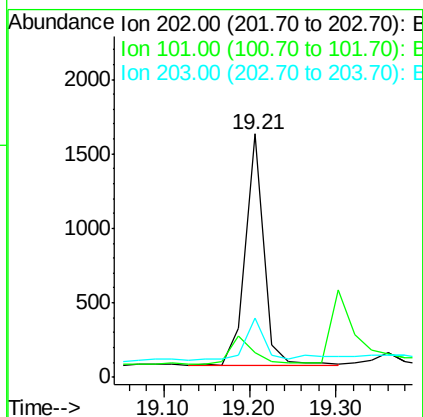
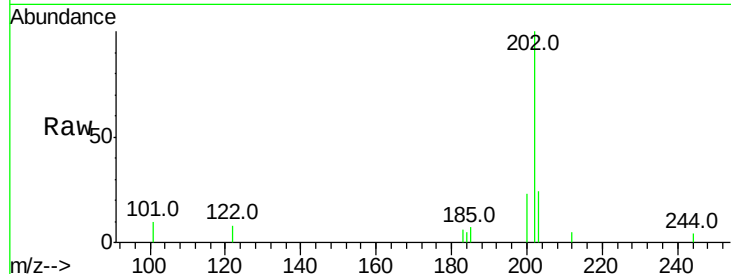




#21
 Fluoranthene
 Concen: 0.03 ng
 RT: 19.21 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BE091601.D
 Acq: 1 Apr 2016 21:51

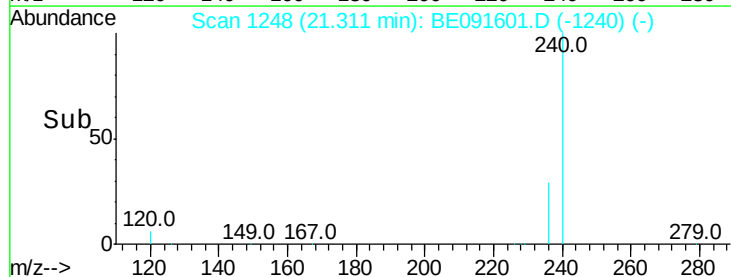
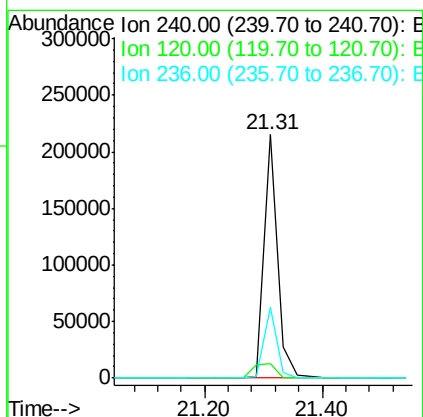
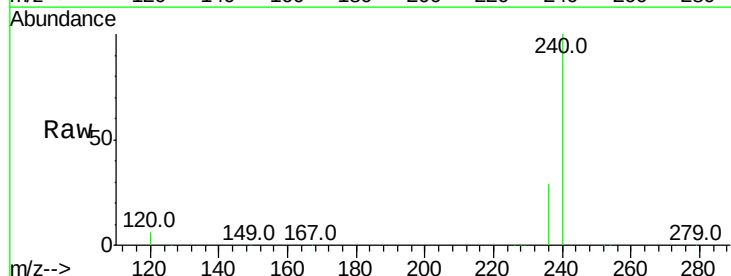
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-002

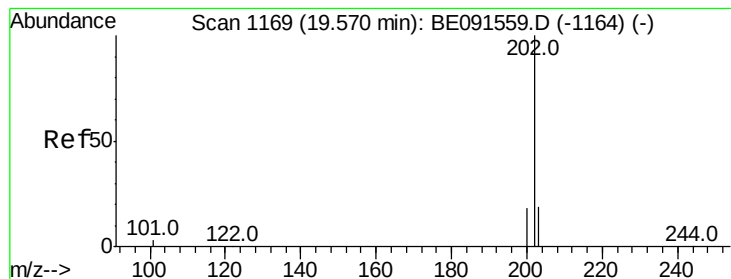
Tot Ion:202 Resp: 2318
 Ion Ratio Lower Upper
 202 100
 101 16.3 8.3 12.5#
 203 19.8 13.9 20.9



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BE091601.D
 Acq: 1 Apr 2016 21:51

Tgt Ion:240 Resp: 344662
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.0 6.0#
 236 29.2 23.0 34.4





#23

Pvrene

Concen: 0.04 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-002

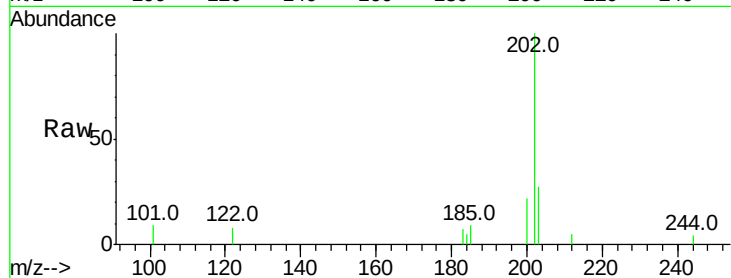
Tot Ion:202 Resp: 2801

Ion Ratio Lower Upper

202 100

200 21.0 16.4 24.6

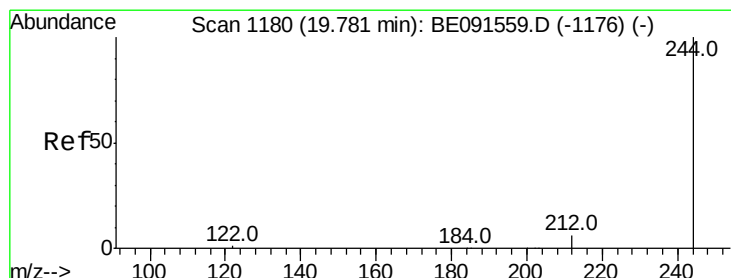
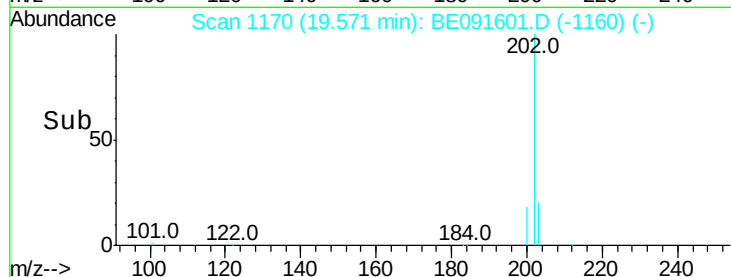
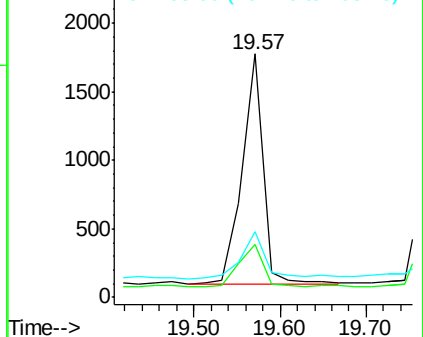
203 23.8 14.6 21.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Terphenyl-d14

Concen: 5.05 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

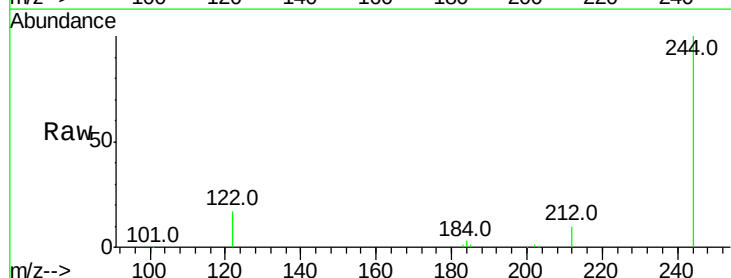
Tgt Ion:244 Resp: 220851

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

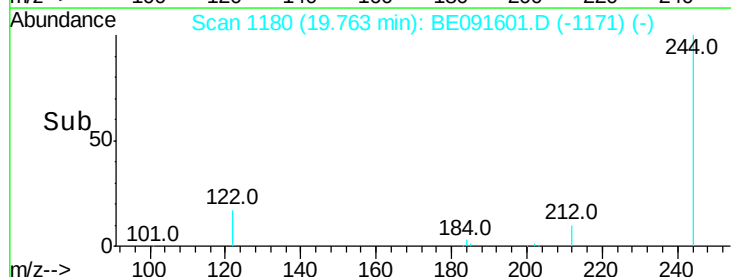
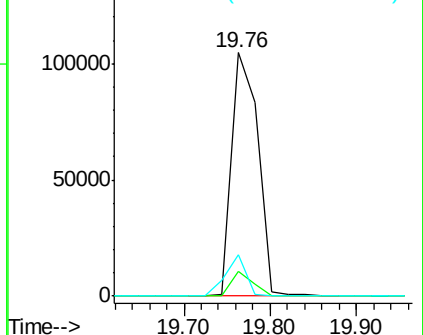
122 17.2 1.8 2.8#

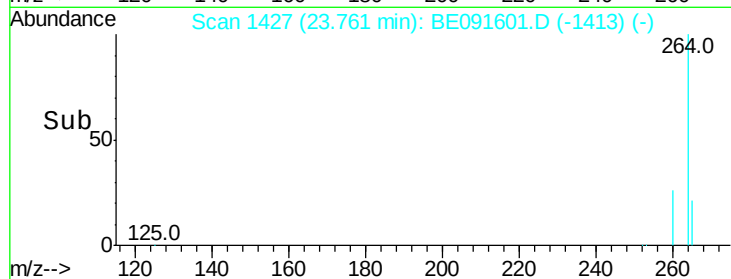
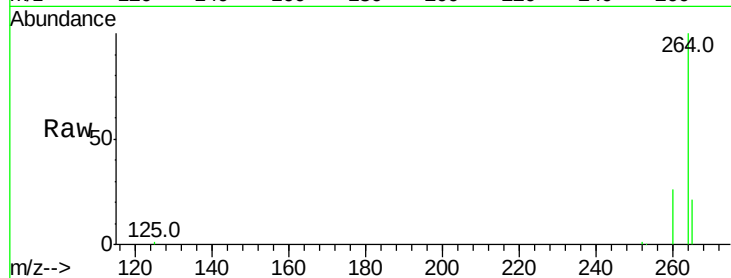
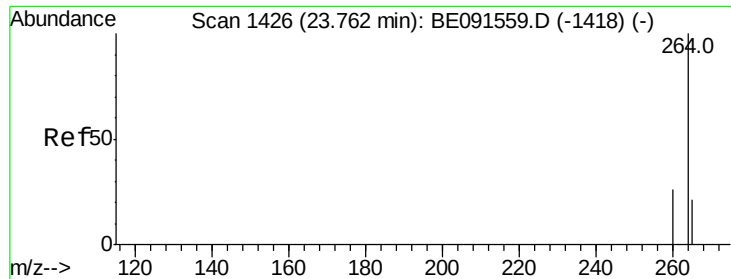


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Pervlene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE091601.D

Acq: 1 Apr 2016 21:51

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-002

Tot Ion:264 Resp: 318145

Ion Ratio Lower Upper

264 100

260 26.2 20.1 30.1

265 21.3 18.3 27.5

