

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
 Data File : BE092299.D
 Acq On : 29 Aug 2016 21:21
 Operator : UM/SJ
 Sample : H4585-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-003

Quant Time: Aug 30 01:07:19 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 18:19:23 2016
 Response via : Initial Calibration

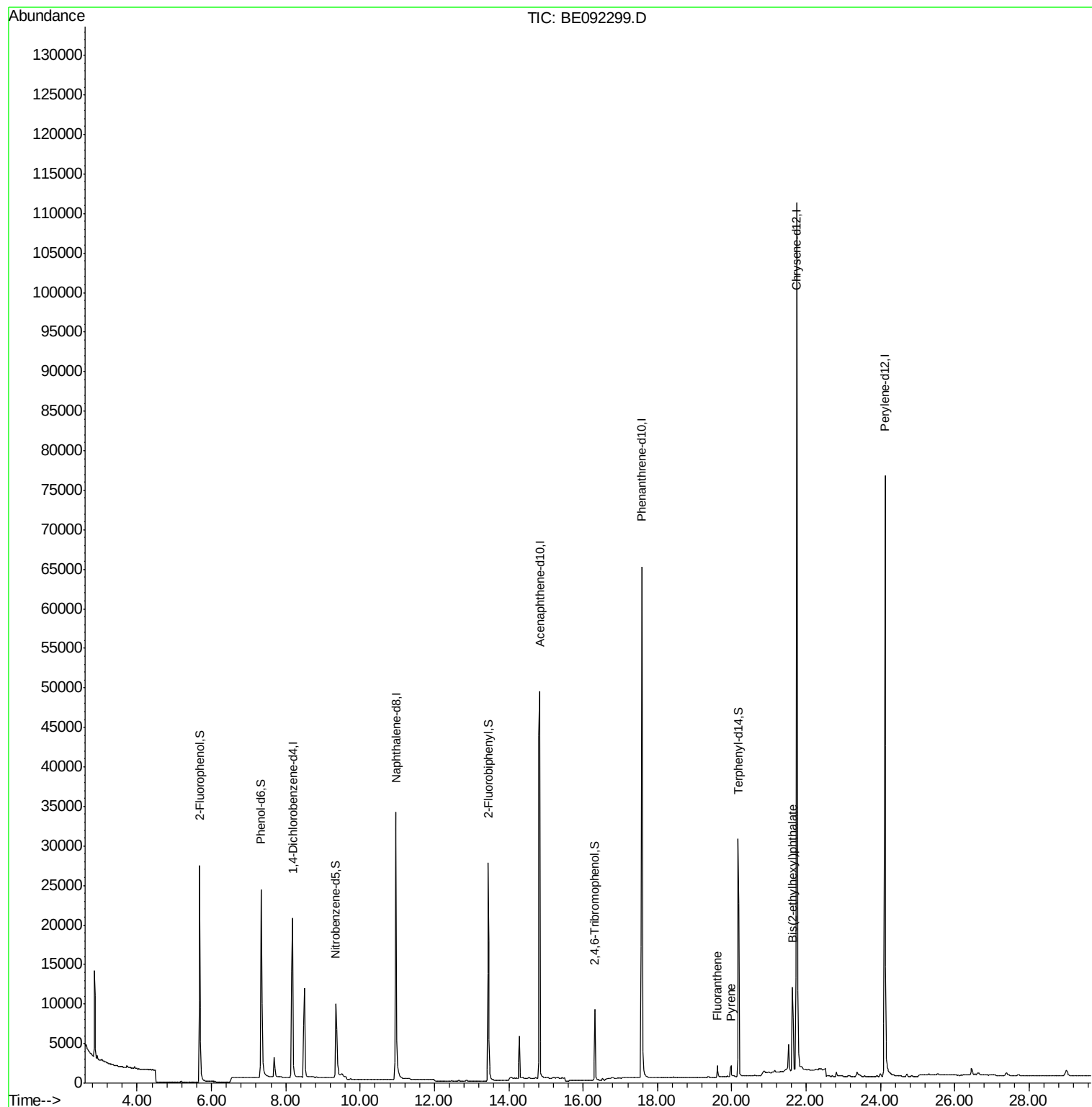
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	14732	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	69158	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	40350	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	99575	5.00	ng	0.00
24) Chrysene-d12	21.75	240	128751	5.00	ng	0.00
31) Perylene-d12	24.12	264	120397	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	22563	6.83	ng	-0.02
5) Phenol-d6	7.34	99	30306	6.96	ng	-0.04
8) Nitrobenzene-d5	9.34	82	12942	2.86	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	7087	6.49	ng	-0.02
14) 2-Fluorobiphenyl	13.44	172	31062	2.45	ng	-0.01
26) Terphenyl-d14	20.17	244	46635	2.68	ng	-0.02
Target Compounds						
23) Fluoranthene	19.61	202	2370	0.02	ng	# 96
25) Pyrene	19.98	202	2483	0.02	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.63	149	18623	2.20	ng	# 47

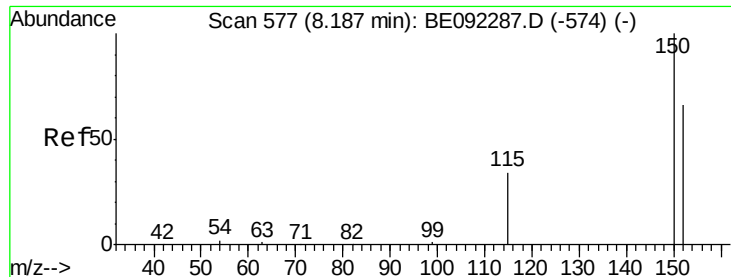
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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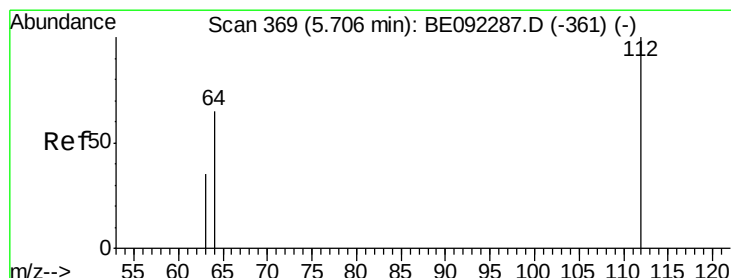
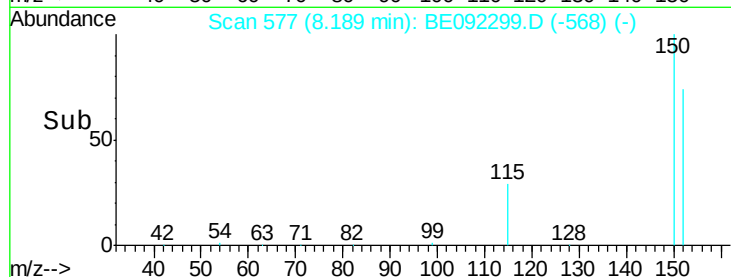
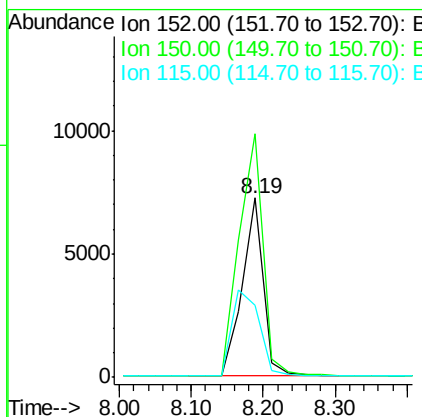
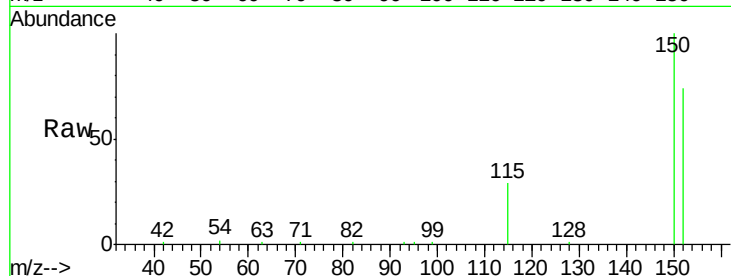


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092299.D
Acq: 29 Aug 2016 21:21

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-003

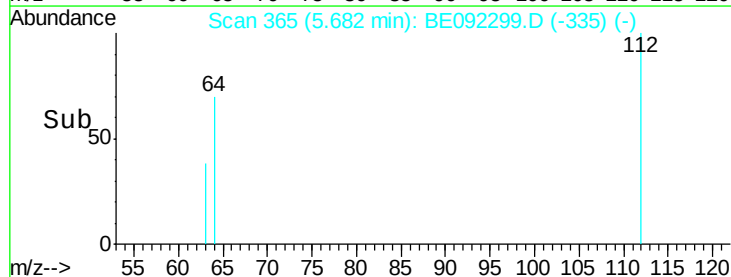
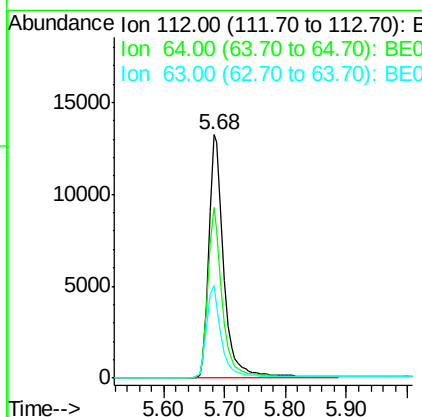
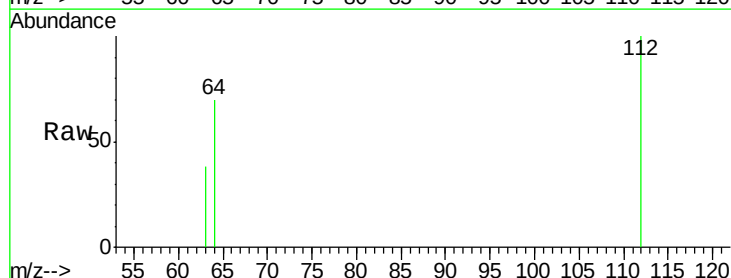
Tot Ion:152 Resp: 14732
Ion Ratio Lower Upper
152 100
150 135.6 135.6 203.4
115 39.9 59.4 89.0#

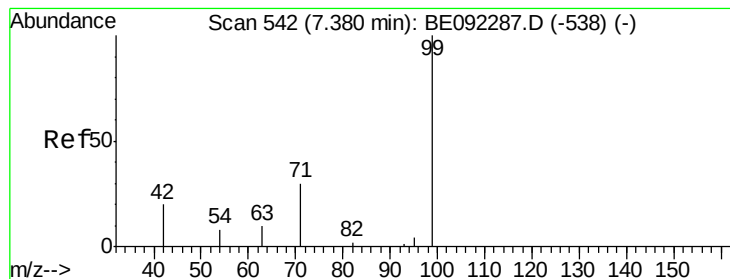


#4

2-Fluorophenol
Concen: 6.83 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE092299.D
Acq: 29 Aug 2016 21:21

Tgt Ion:112 Resp: 22563
Ion Ratio Lower Upper
112 100
64 67.9 53.2 79.8
63 37.1 27.4 41.2





#5

Phenol-d6

Concen: 6.96 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.04 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-003

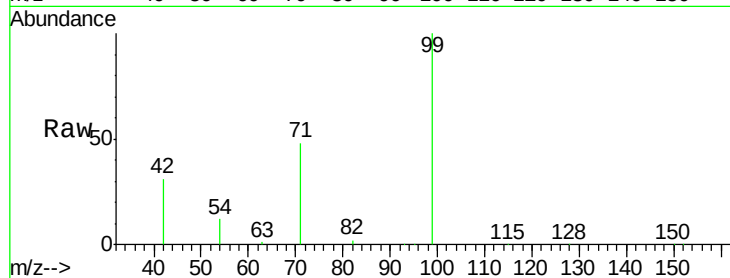
Tot Ion: 99 Resp: 30306

Ion Ratio Lower Upper

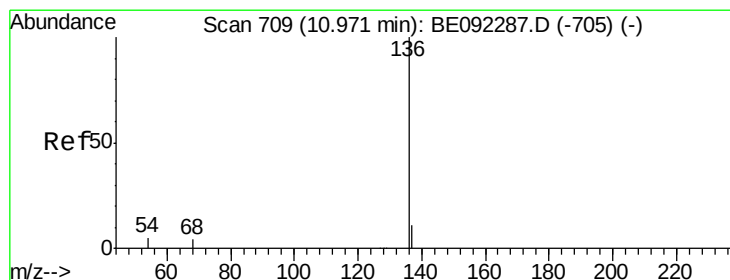
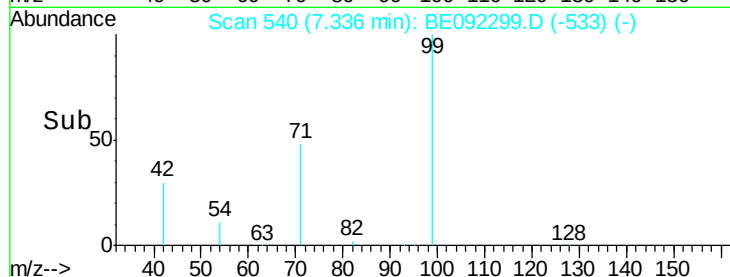
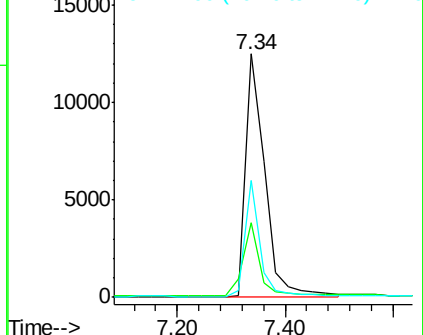
99 100

42 25.7 0.0 0.0#

71 37.1 29.8 44.8



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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

Tgt Ion: 136 Resp: 69158

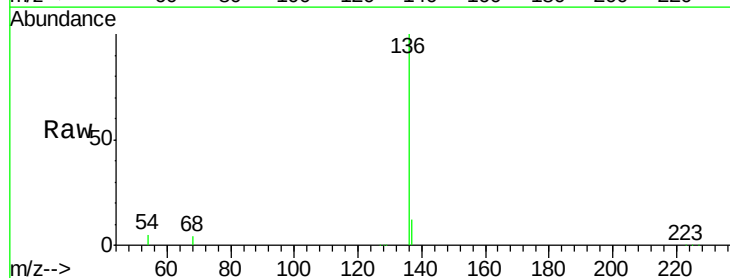
Ion Ratio Lower Upper

136 100

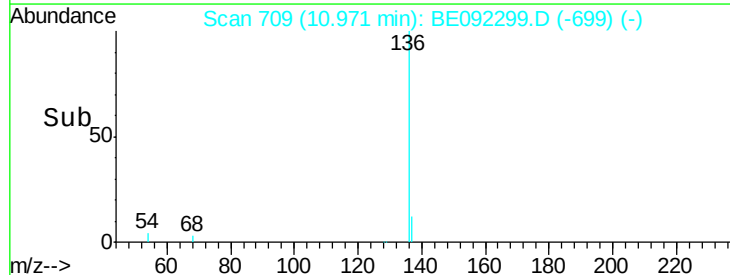
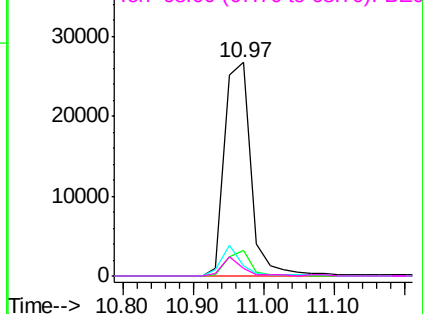
137 12.2 8.8 13.2

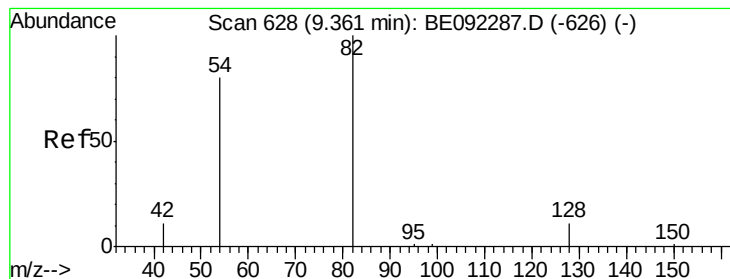
54 4.6 6.2 9.4#

68 3.6 4.6 6.8#



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: 2.86 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-003

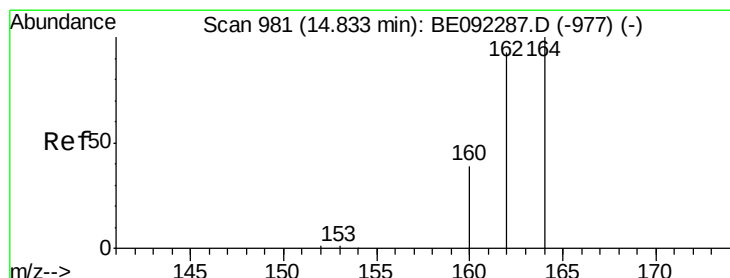
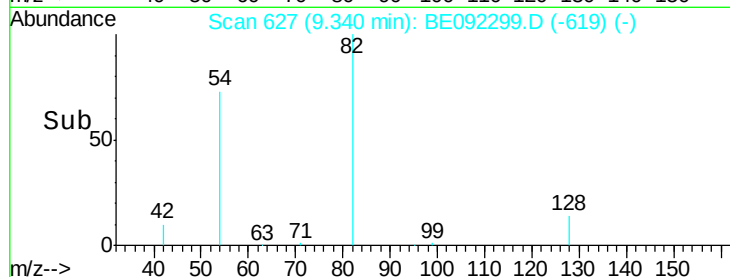
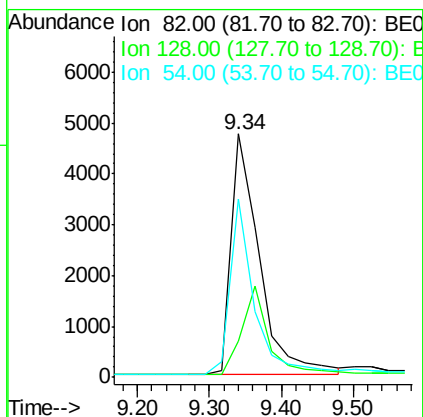
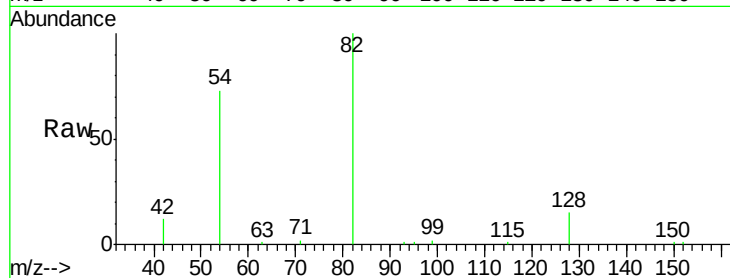
Tot Ion: 82 Resp: 12942

Ion Ratio Lower Upper

82 100

128 14.9 45.0 67.4#

54 73.1 45.4 68.2#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

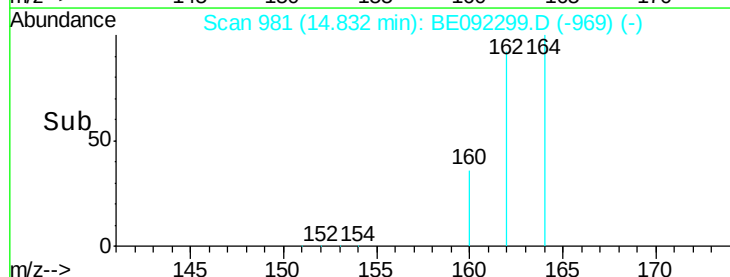
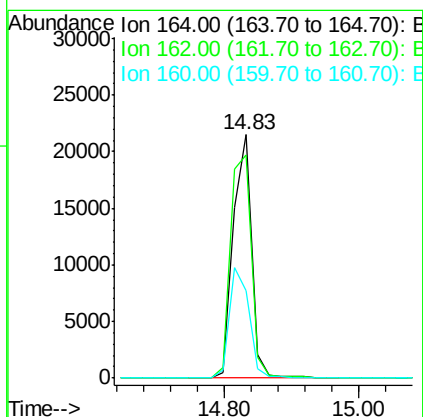
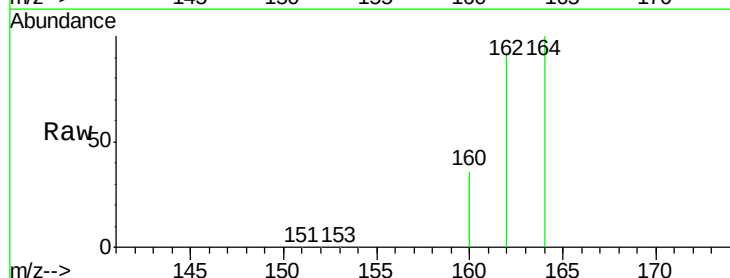
Tgt Ion: 164 Resp: 40350

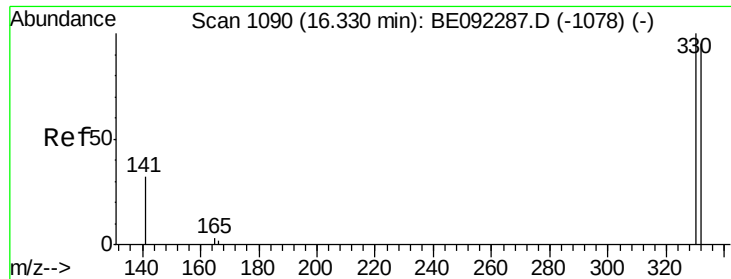
Ion Ratio Lower Upper

164 100

162 91.8 83.3 124.9

160 36.0 38.0 57.0#

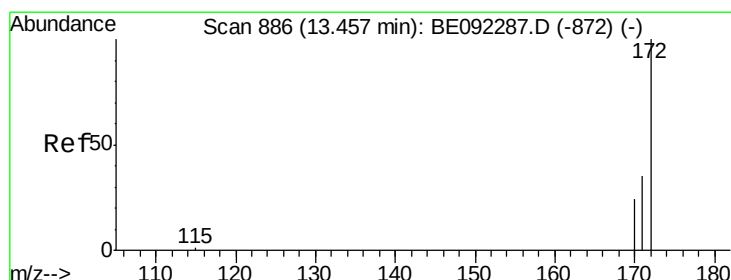
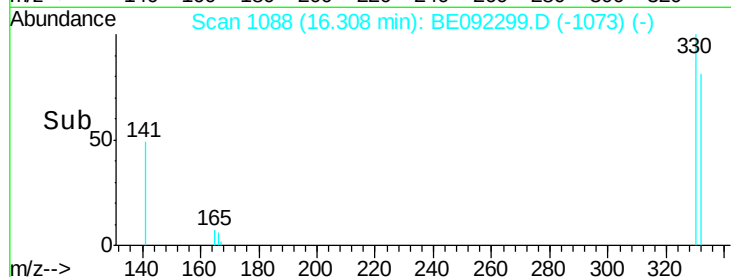
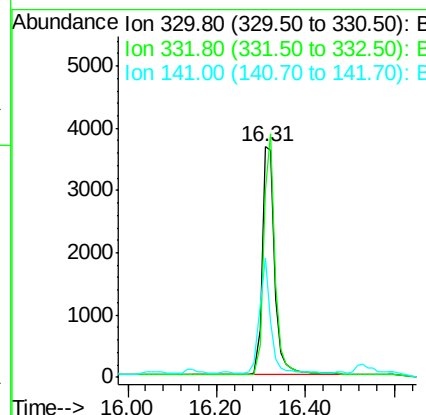
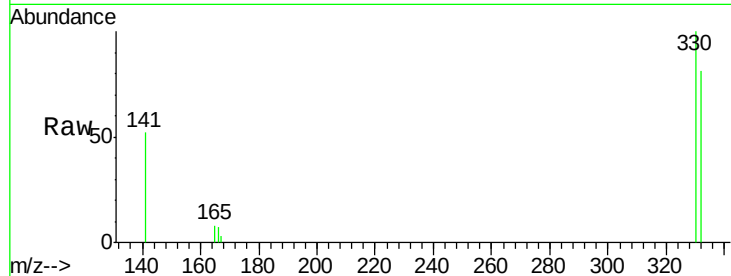




#13
 2,4,6-Tribromophenol
 Concen: 6.49 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BE092299.D
 Acq: 29 Aug 2016 21:21

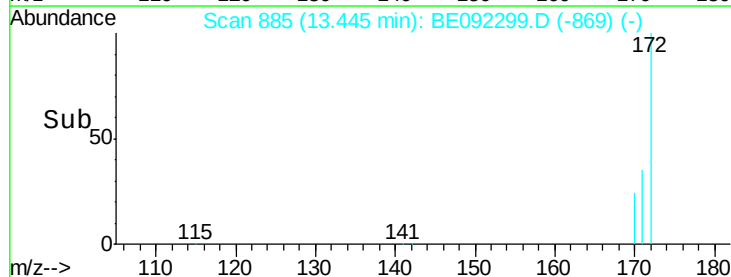
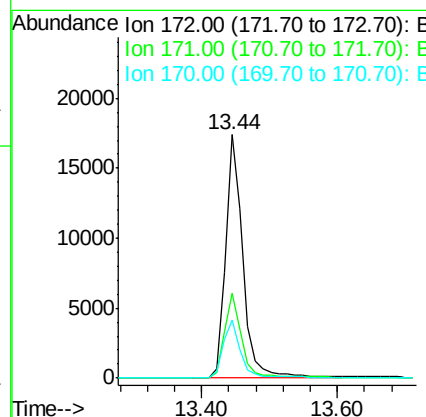
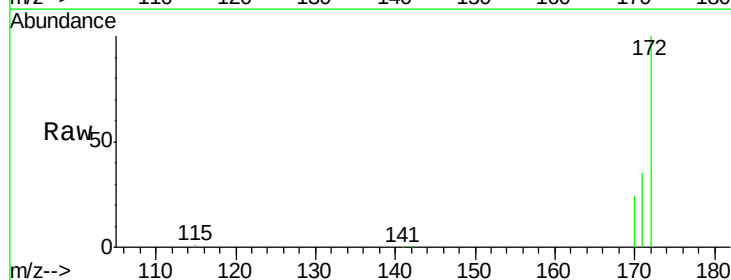
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-003

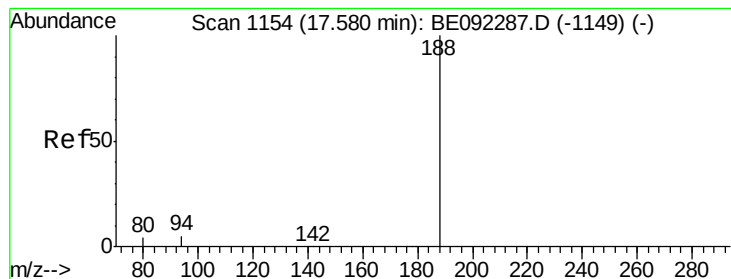
Tot Ion:330 Resp: 7087
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 44.4 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 2.45 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BE092299.D
 Acq: 29 Aug 2016 21:21

Tgt Ion:172 Resp: 31062
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.8 40.2
 170 23.9 17.8 26.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-003

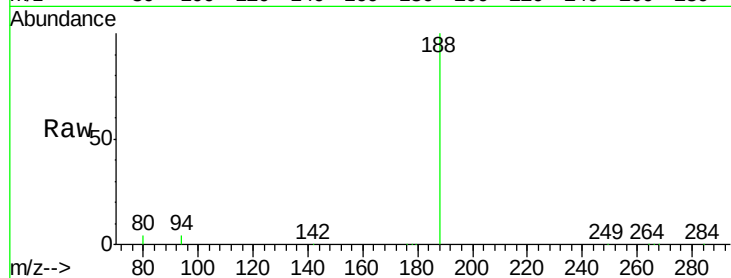
Tot Ion:188 Resp: 99575

Ion Ratio Lower Upper

188 100

94 4.2 9.2 13.8#

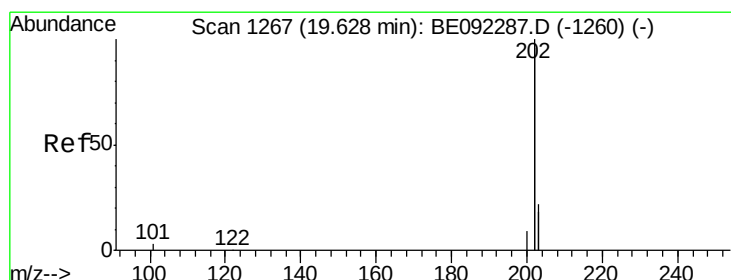
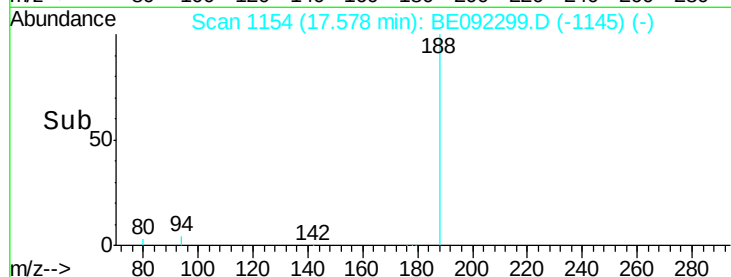
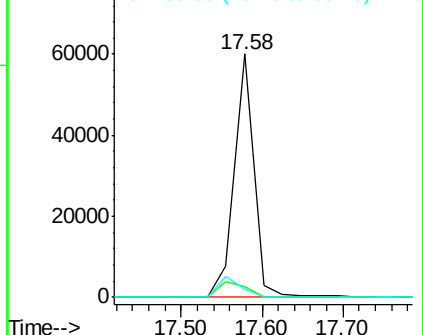
80 3.5 9.1 13.7#



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



#23

Fluoranthene

Concen: 0.02 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

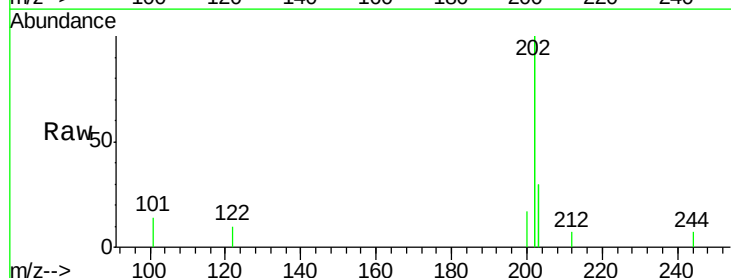
Tgt Ion:202 Resp: 2370

Ion Ratio Lower Upper

202 100

101 3.8 2.2 3.4#

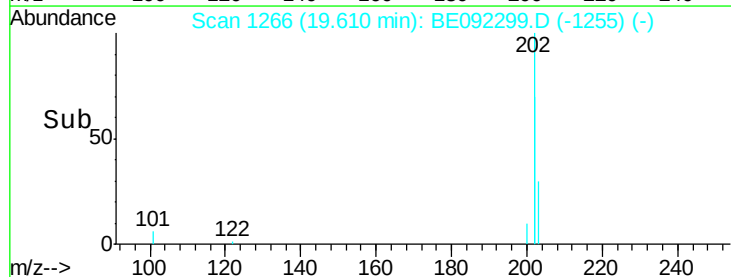
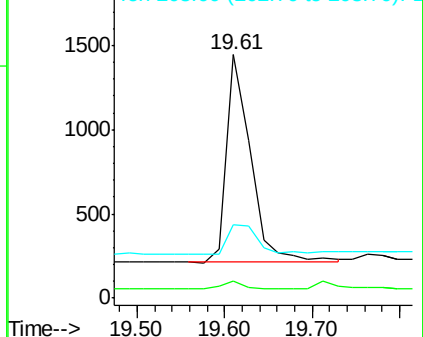
203 19.2 13.7 20.5

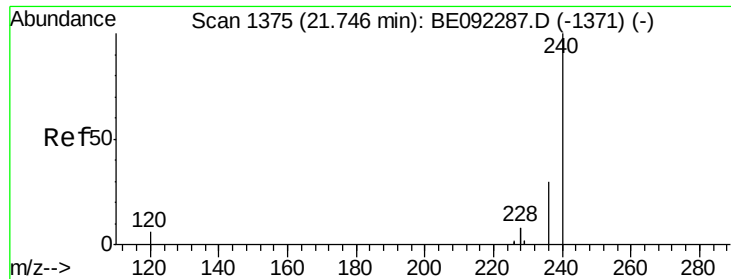


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-003

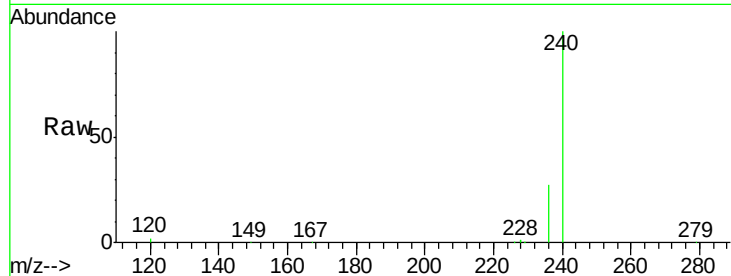
Tot Ion:240 Resp: 128751

Ion Ratio Lower Upper

240 100

120 2.1 1.2 1.8#

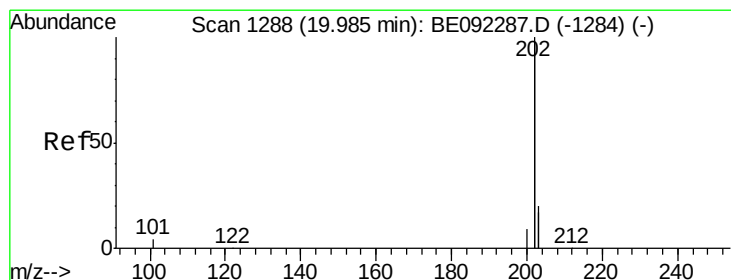
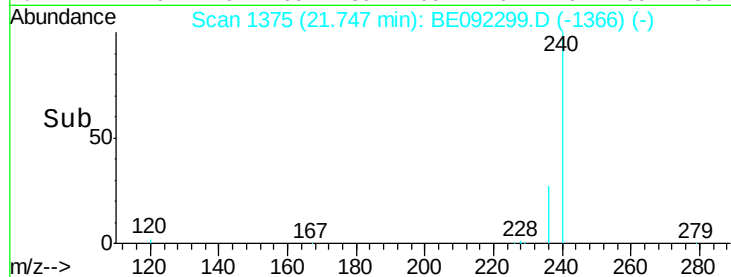
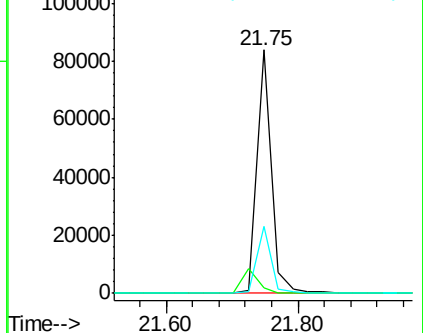
236 27.3 17.1 25.7#



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



#25

Pyrene

Concen: 0.02 ng

RT: 19.98 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BE092299.D

Acq: 29 Aug 2016 21:21

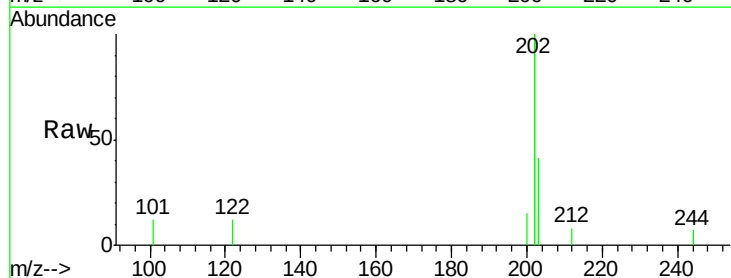
Tgt Ion:202 Resp: 2483

Ion Ratio Lower Upper

202 100

200 5.9 4.2 6.4

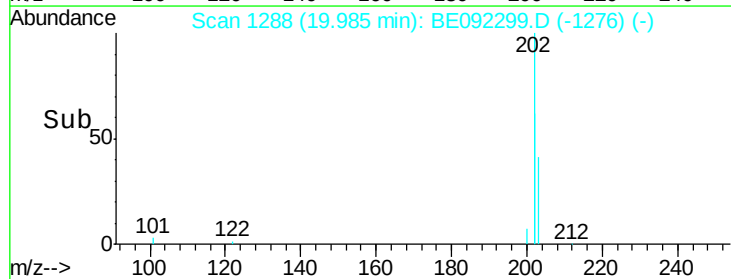
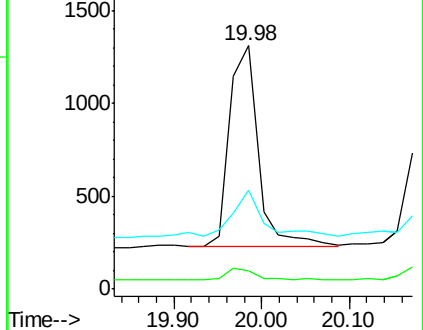
203 30.3 14.0 21.0#

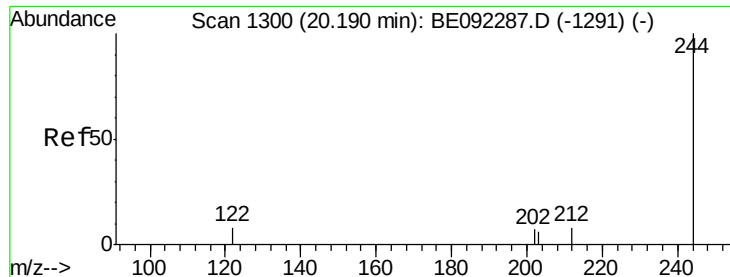


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

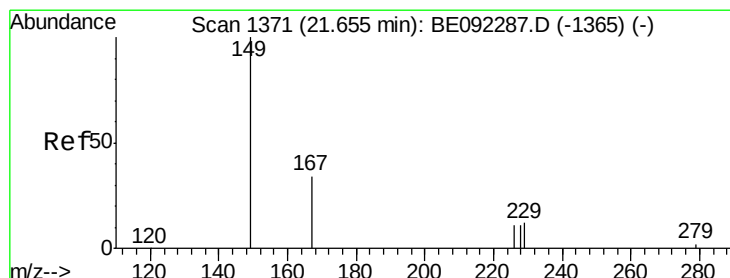
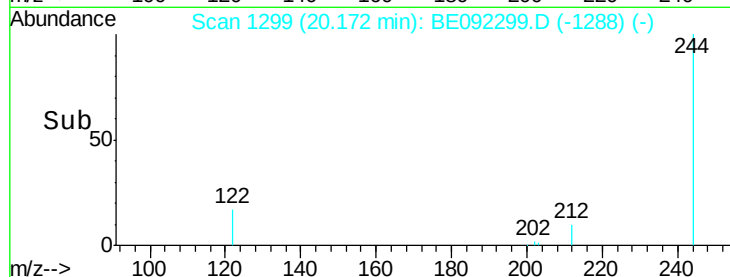
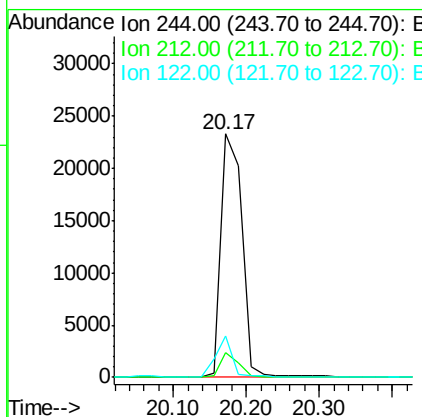
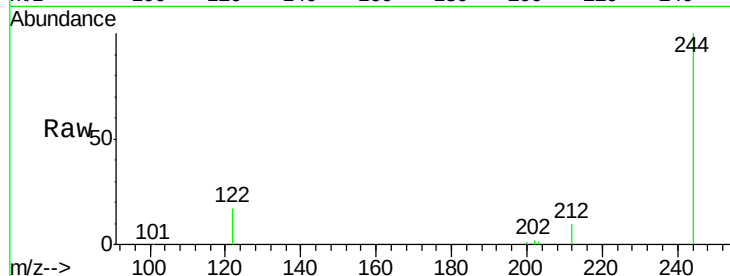




#26
 Terphenyl-d14
 Concen: 2.68 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BE092299.D
 Acq: 29 Aug 2016 21:21

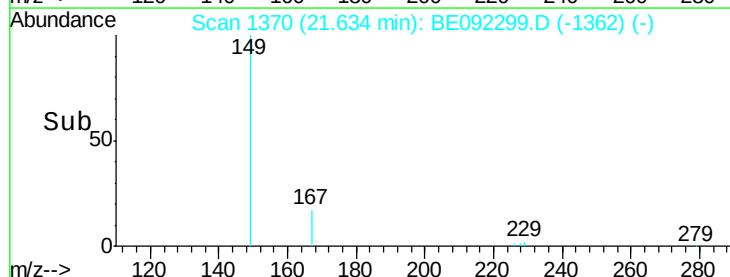
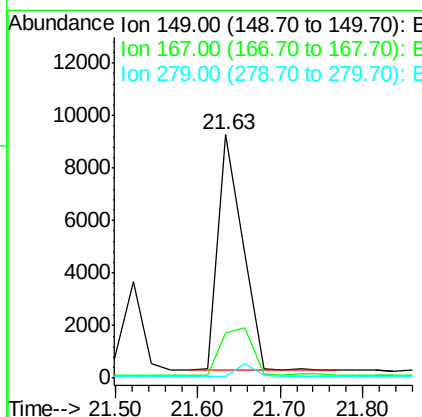
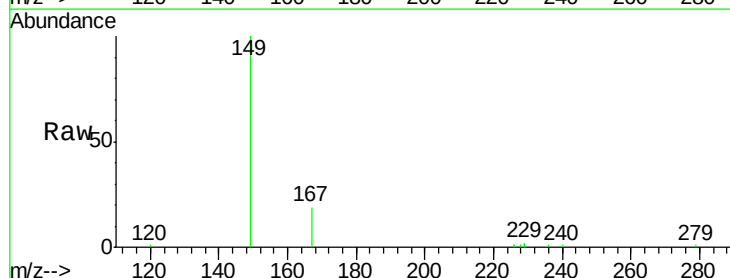
Instrument :
 BNA_E
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 TILCON-MH-3-4-STONE-003

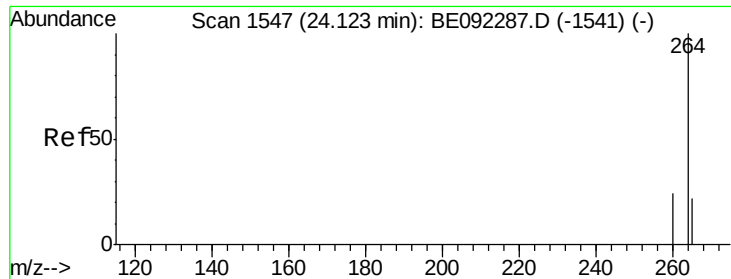
Tot Ion:244 Resp: 46635
 Ion Ratio Lower Upper
 244 100
 212 9.9 10.2 15.2#
 122 17.1 15.9 23.9



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 2.20 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BE092299.D
 Acq: 29 Aug 2016 21:21

Tgt Ion:149 Resp: 18623
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.1 33.1#
 279 0.0 0.0 0.0

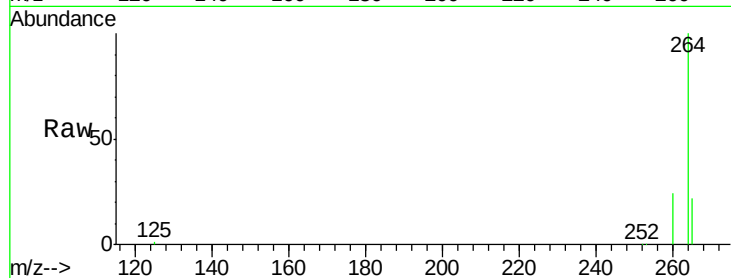




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BE092299.D
Acq: 29 Aug 2016 21:21

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-003

Tot Ion:	264	Resp:	120397
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

