

Data File : BF092996.D
Acq On : 16 Feb 2017 22:15
Operator : SJ/MA
Sample : I1869-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-NO-57

Quant Time: Feb 16 23:55:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133895	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	546147	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	315135	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	507487	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	424769	20.00	ng	-0.05
86) Perylene-d12	15.44	264	339569	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	906779	116.19	ng	-0.02
7) Phenol-d6	6.50	99	1192437	118.75	ng	-0.03
23) Nitrobenzene-d5	7.42	82	718002	73.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	224201	98.37	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1242514	71.43	ng	-0.02
78) Terphenyl-d14	12.96	244	1070174	59.20	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	94429	14.77	ng	# 79
49) Dimethylphthalate	9.61	163	392920	18.51	ng	# 98
56) 2,4-Dinitrotoluene	9.89	165	38717	6.34	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	589	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	16964	3.20	ng	# 1

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

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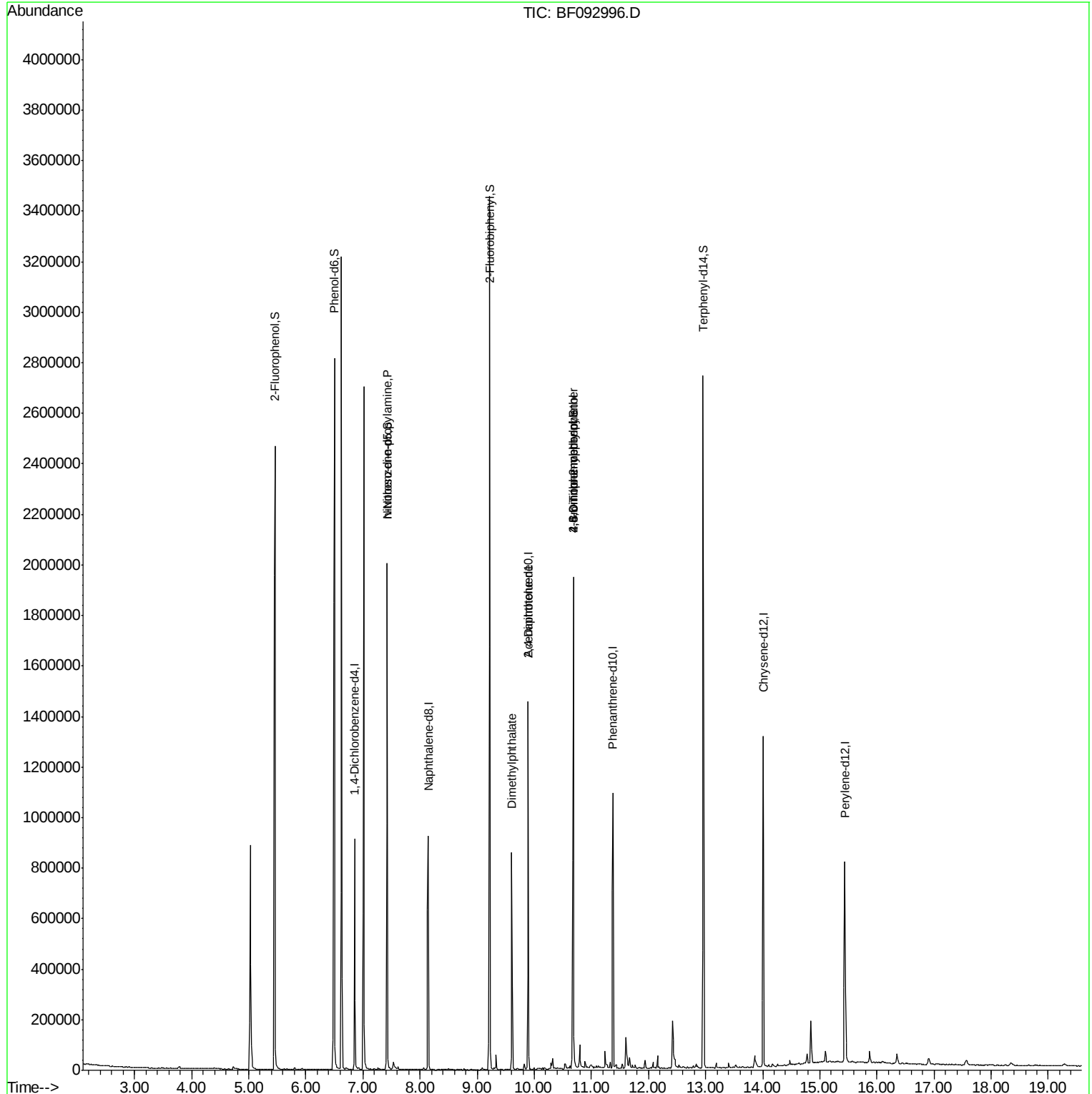
Quant Time: Feb 16 23:55:30 2017

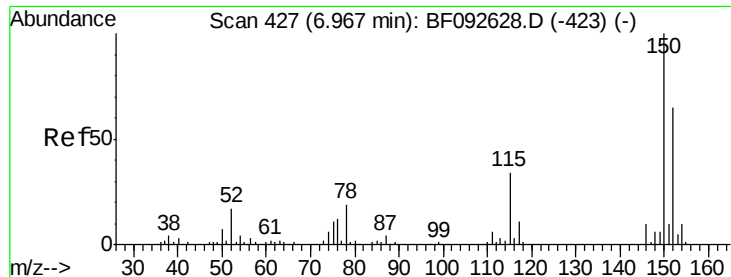
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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QLast Update : Mon Feb 13 18:04:38 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

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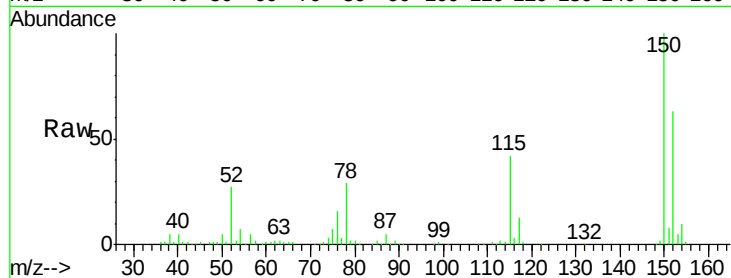
Tgt Ion:152 Resp: 133895

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

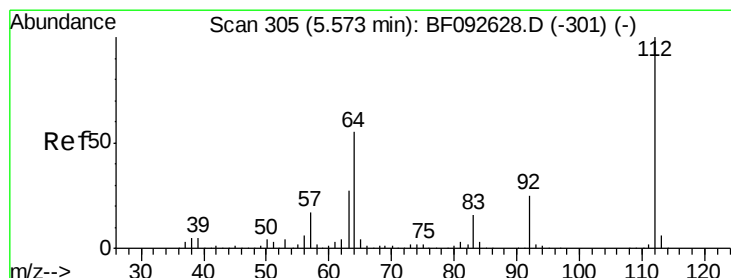
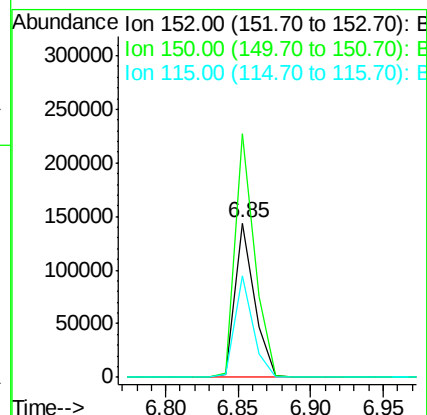
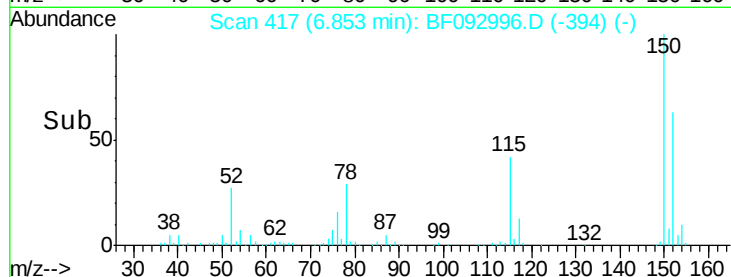
115 65.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 116.19 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF092996.D

Acq: 16 Feb 2017 22:15

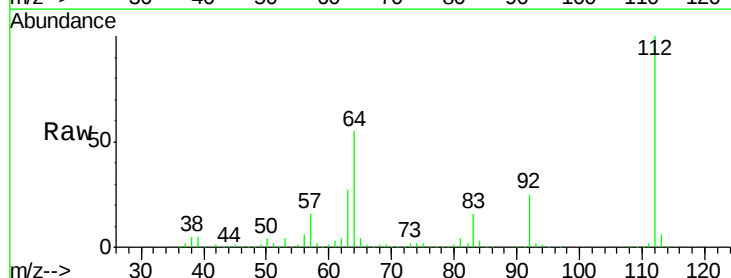
Tgt Ion:112 Resp: 906779

Ion Ratio Lower Upper

112 100

64 55.4 46.1 69.1

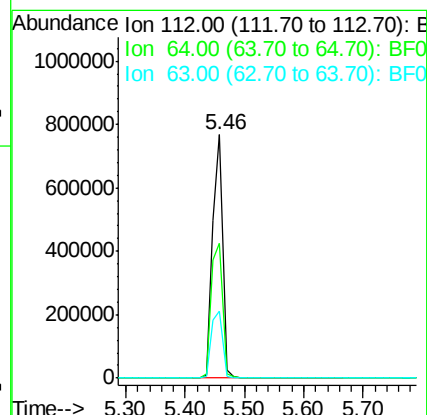
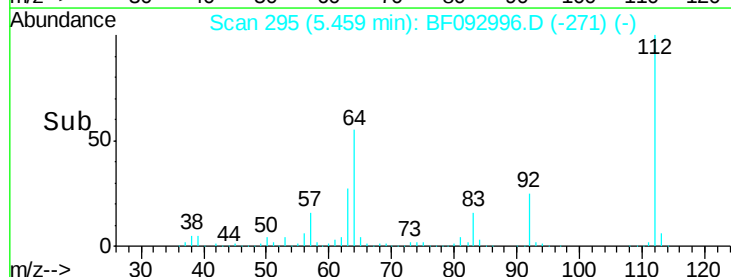
63 27.4 23.8 35.6

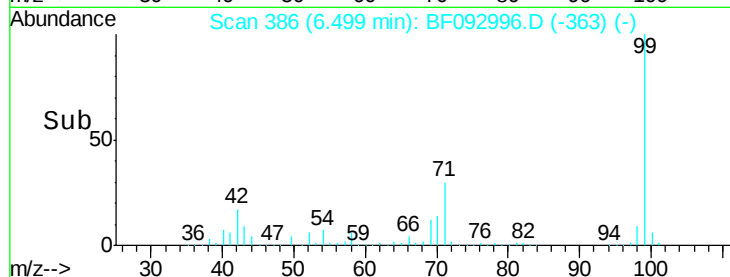
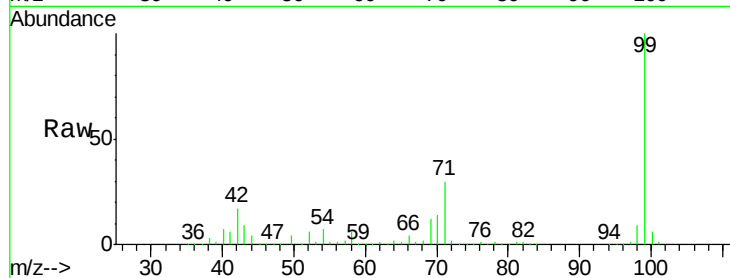
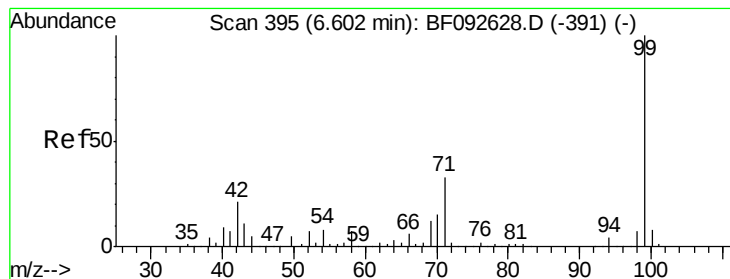


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

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BNA_F

ClientSampleId :

TILCON-NO-57

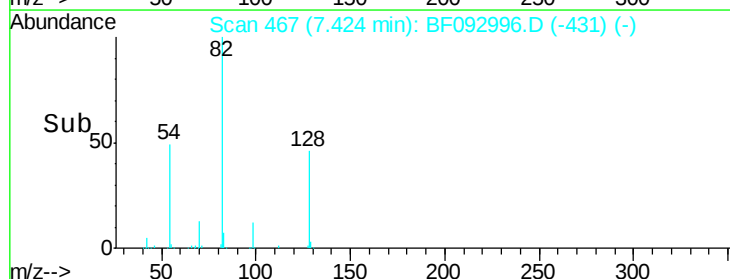
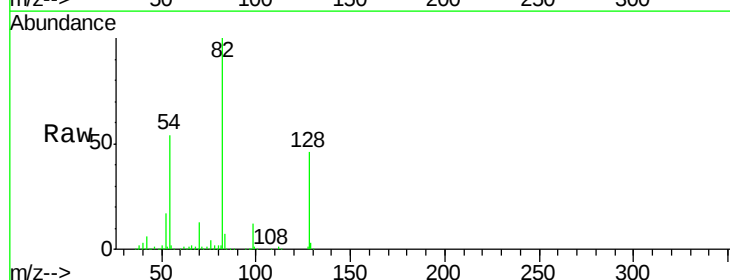
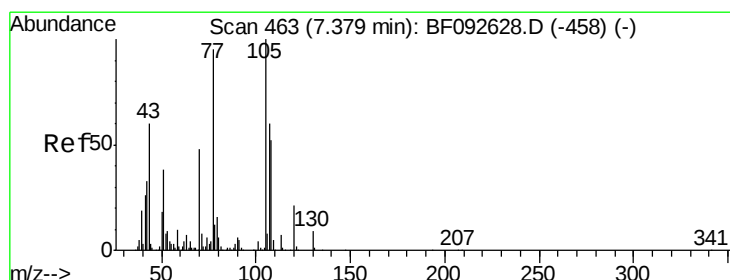
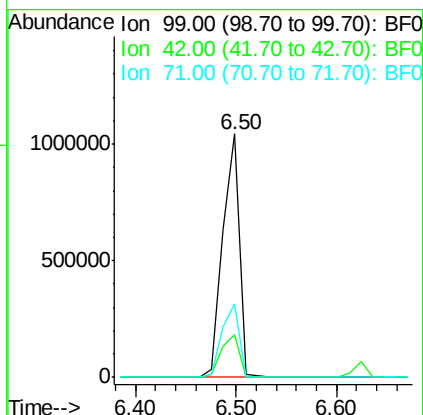
Tgt Ion: 99 Resp: 1192437

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

71 30.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.77 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF092996.D

Acq: 16 Feb 2017 22:15

Tgt Ion: 70 Resp: 94429

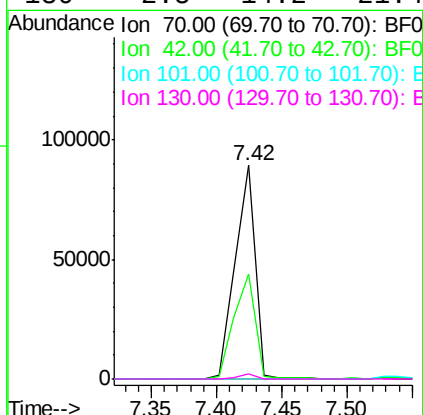
Ion Ratio Lower Upper

70 100

42 48.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

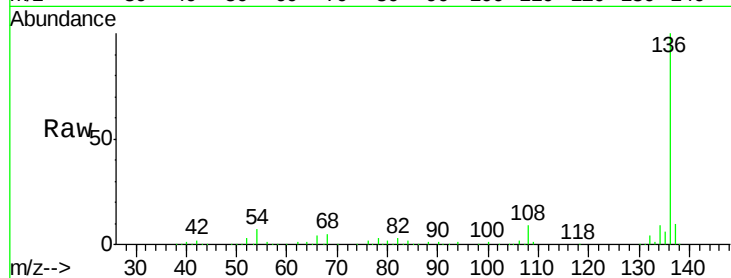




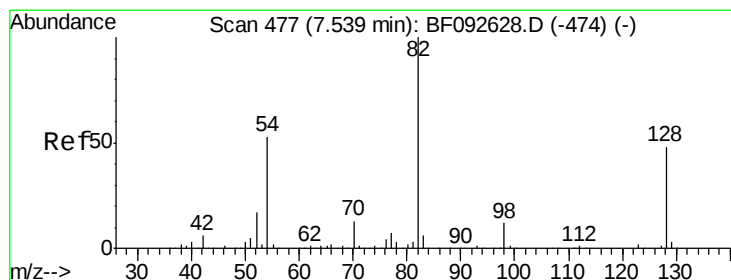
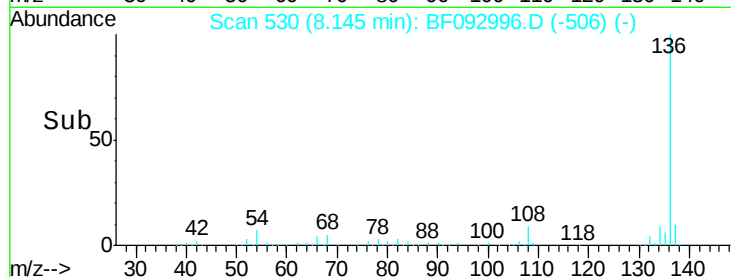
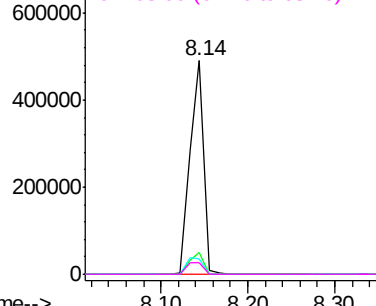
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092996.D
Acq: 16 Feb 2017 22:15

Instrument :
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ClientSampleId :
TILCON-NO-57

Tgt Ion:	136	Resp:	546147
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.3	4.5	6.7#
68	5.3	3.6	5.4

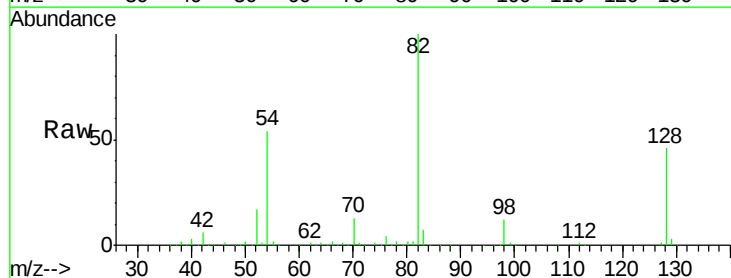


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

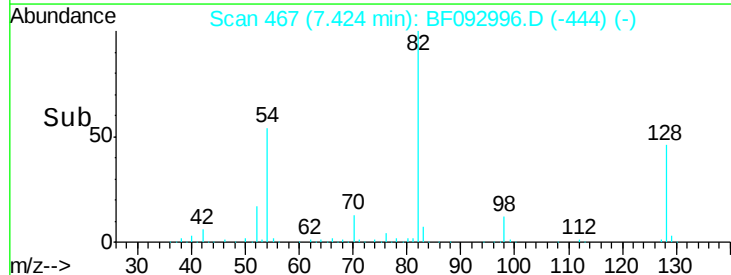
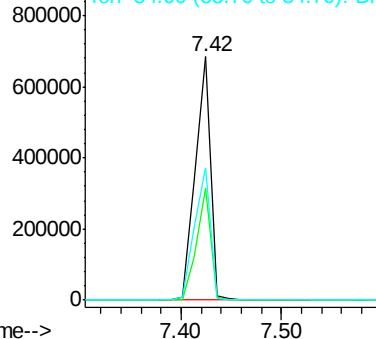


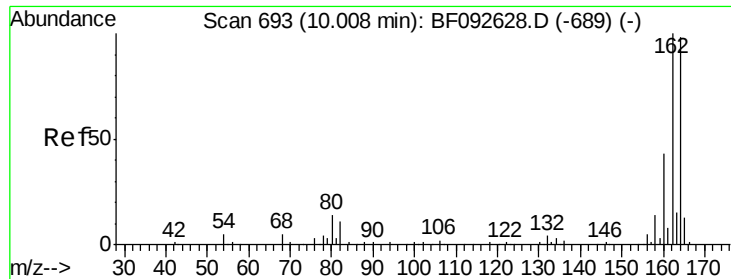
#23
Nitrobenzene-d5
Concen: 73.21 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF092996.D
Acq: 16 Feb 2017 22:15

Tgt Ion:	82	Resp:	718002
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	52.0
54	54.2	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

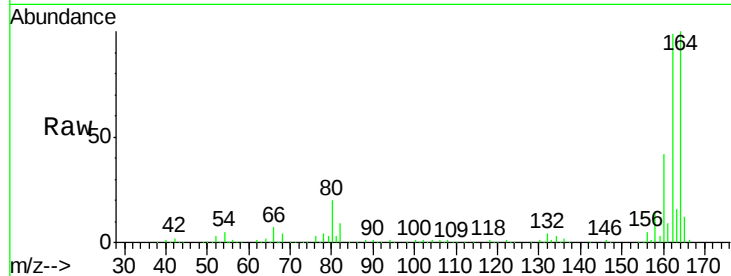




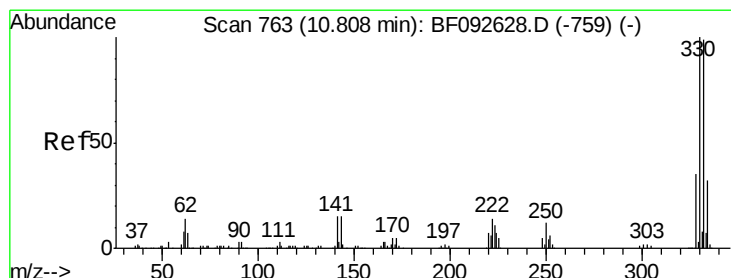
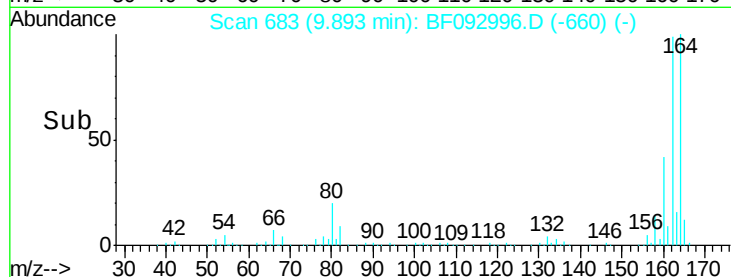
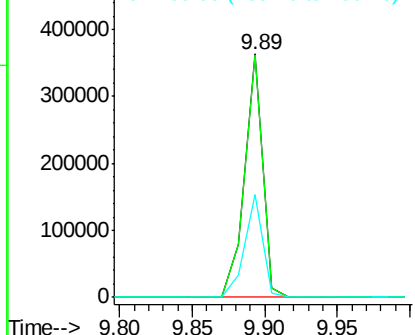
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF092996.D
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 ClientSampleId :
 TILCON-NO-57

Tgt Ion:164 Resp: 315135
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.2 120.2
 160 42.4 36.9 55.3

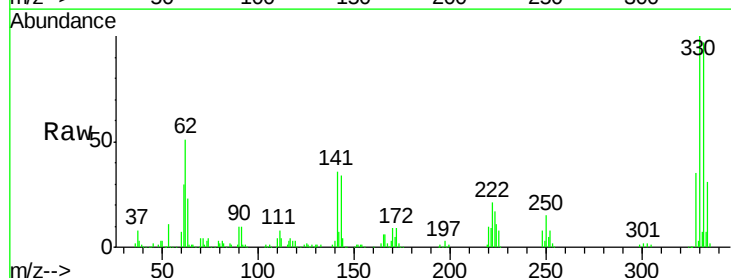


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

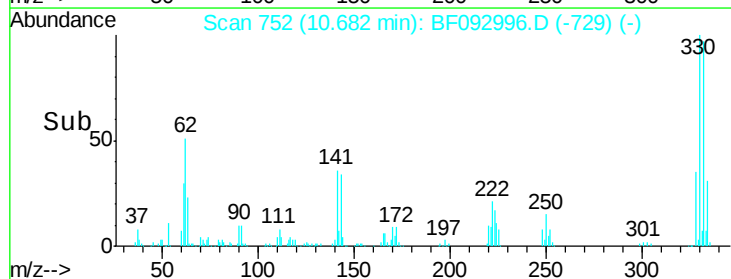
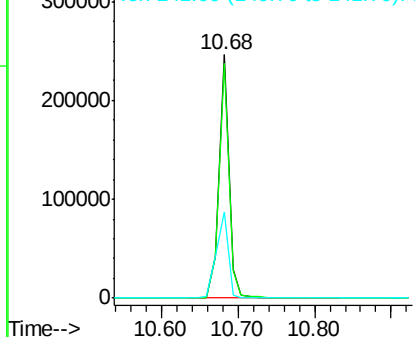


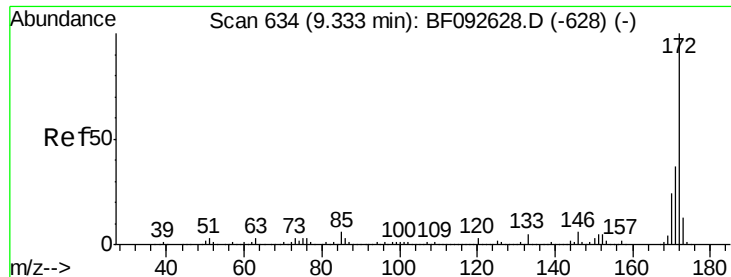
#41
 2,4,6-Tribromophenol
 Concen: 98.37 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF092996.D
 Acq: 16 Feb 2017 22:15

Tgt Ion:330 Resp: 224201
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 41.9 34.1 51.1



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

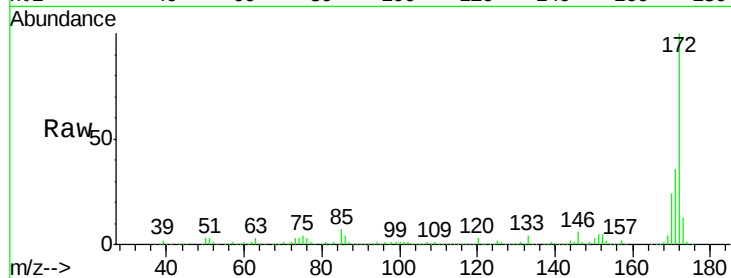




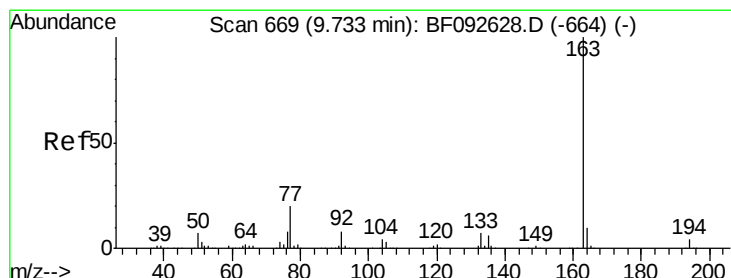
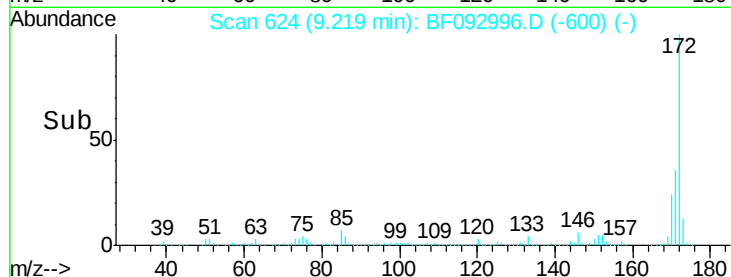
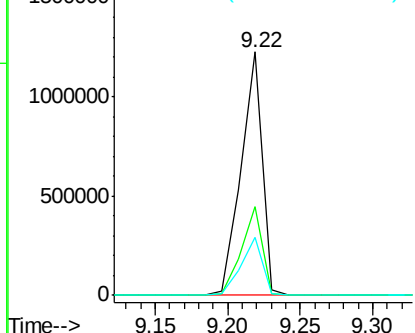
#44
 2-Fluorobiphenyl
 Concen: 71.43 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092996.D
 Acq: 16 Feb 2017 22:15

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Tgt Ion:172 Resp: 1242514
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 23.9 20.2 30.4

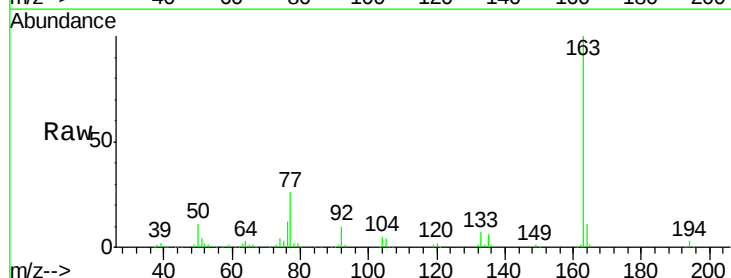


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

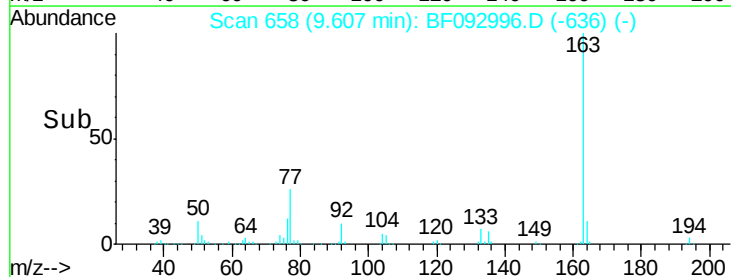
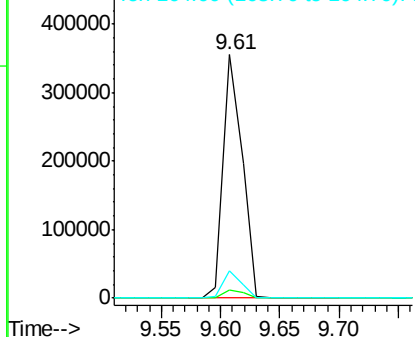


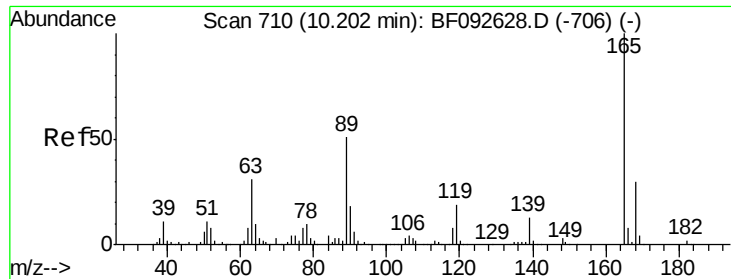
#49
 Dimethylphthalate
 Concen: 18.51 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.05 min
 Lab File: BF092996.D
 Acq: 16 Feb 2017 22:15

Tgt Ion:163 Resp: 392920
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 11.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

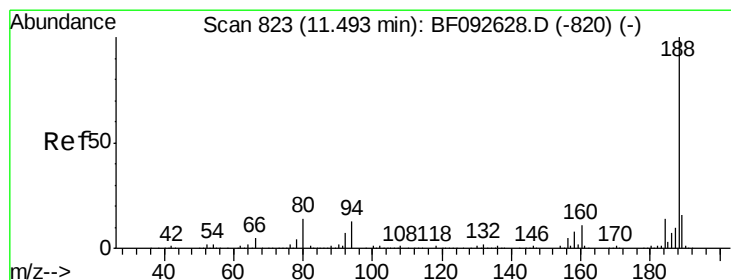
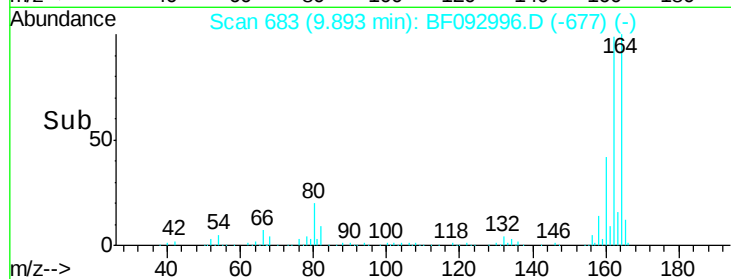
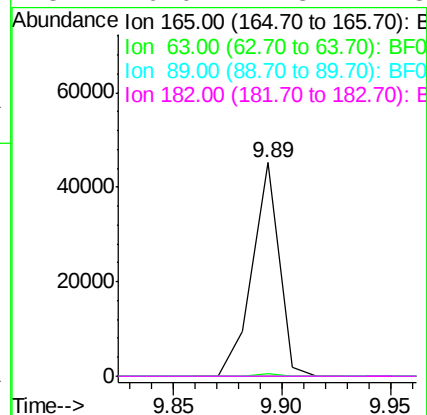
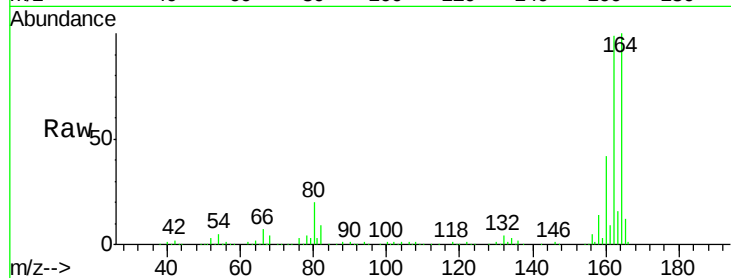




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF092996.D
 Acq: 16 Feb 2017 22:15

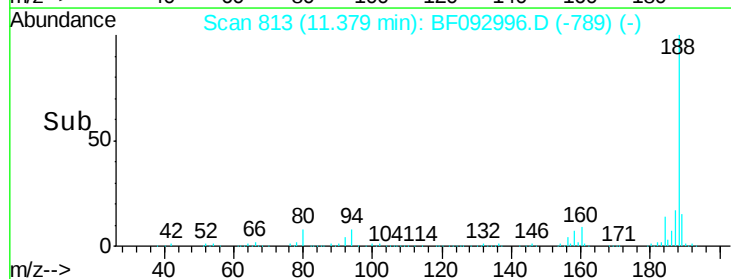
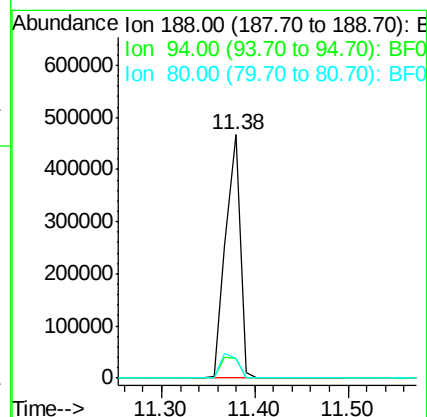
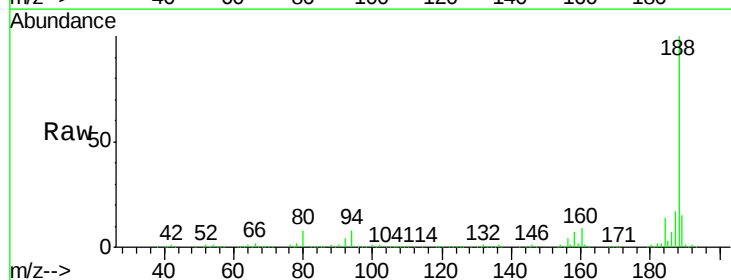
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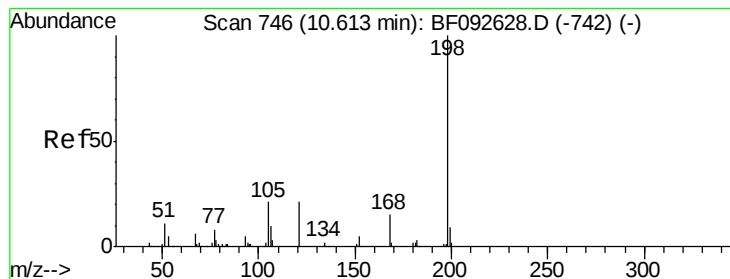
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF092996.D
 Acq: 16 Feb 2017 22:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	10.0	15.0#
80	8.0	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.85 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF092996.D

Acq: 16 Feb 2017 22:15

Instrument :

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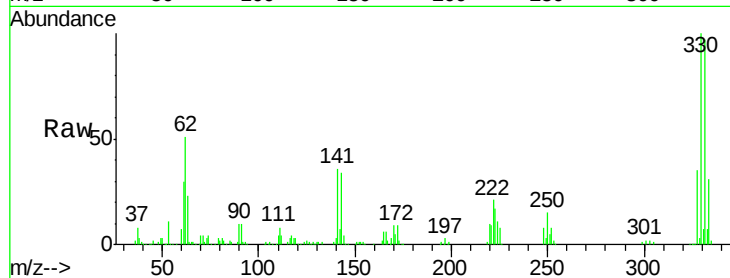
Tgt Ion:198 Resp: 589

Ion Ratio Lower Upper

198 100

51 125.3 6.7 46.7#

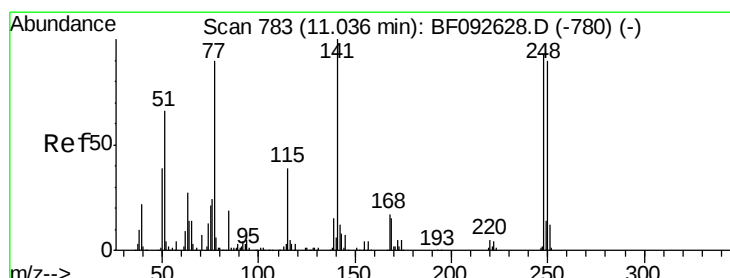
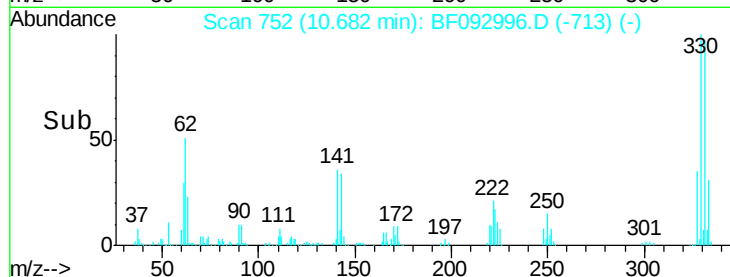
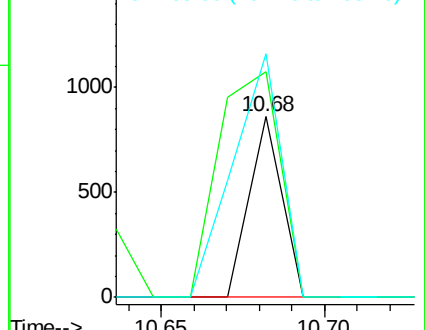
105 135.0 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.20 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF092996.D

Acq: 16 Feb 2017 22:15

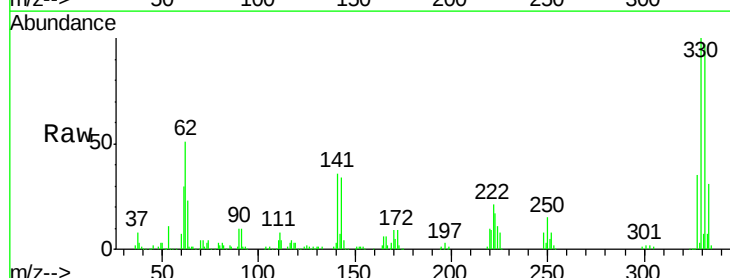
Tgt Ion:248 Resp: 16964

Ion Ratio Lower Upper

248 100

250 204.8 76.9 115.3#

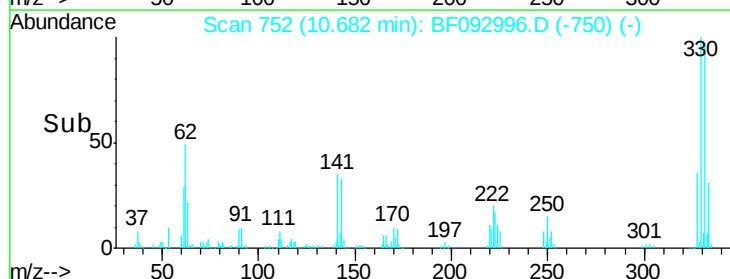
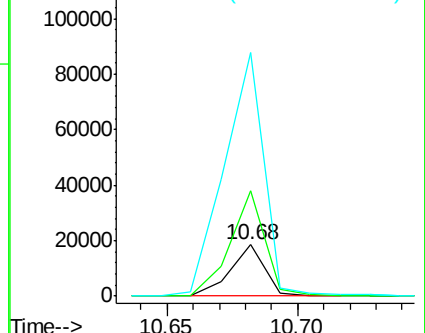
141 474.4 68.2 102.4#

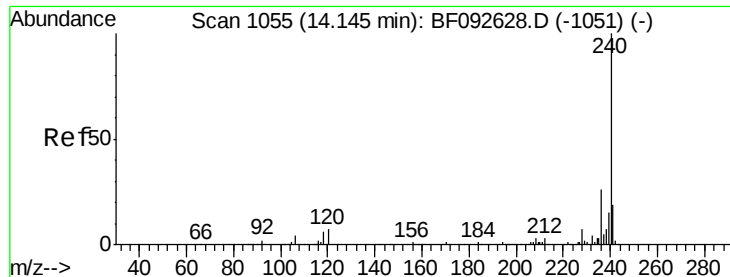


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF092996.D

Acq: 16 Feb 2017 22:15

Instrument :

BNA_F

ClientSampleId :

TILCON-NO-57

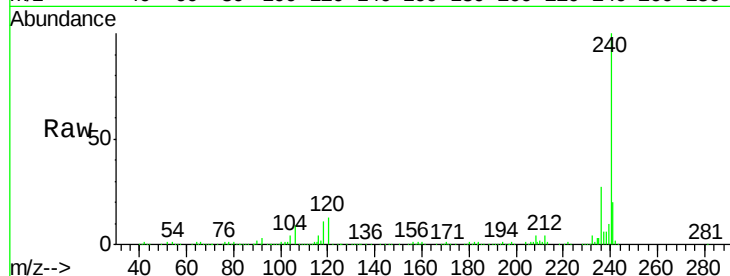
Tgt Ion:240 Resp: 424769

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

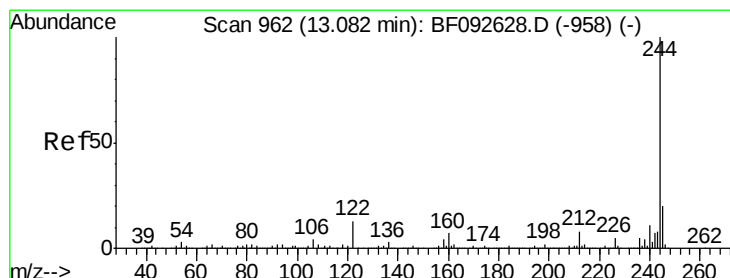
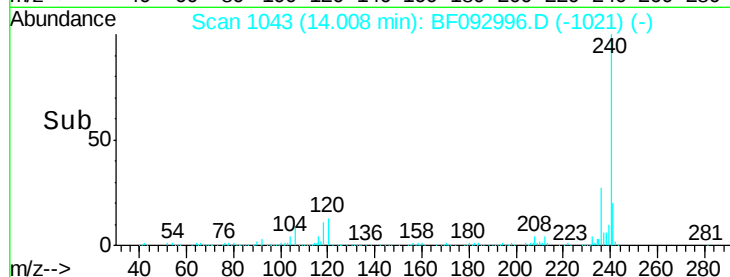
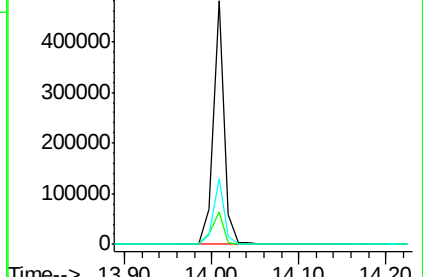
236 27.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 59.20 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.03 min

Lab File: BF092996.D

Acq: 16 Feb 2017 22:15

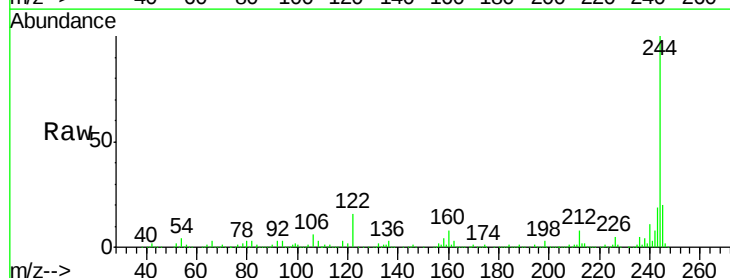
Tgt Ion:244 Resp: 1070174

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

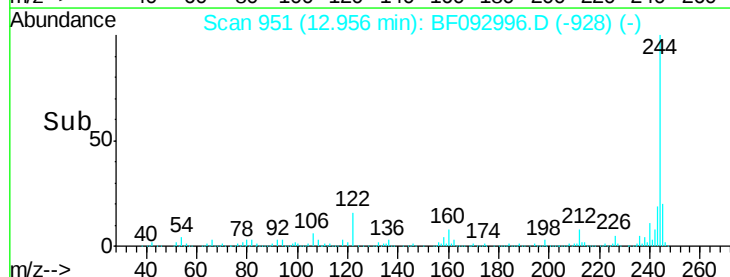
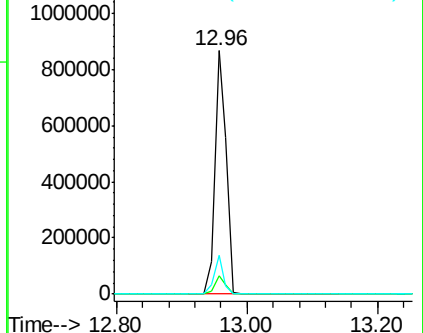
122 15.9 11.4 17.2

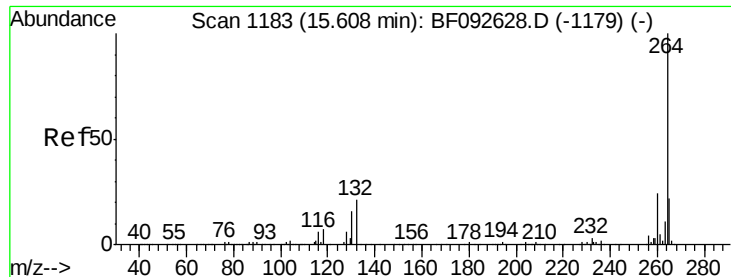


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF092996.D
Acq: 16 Feb 2017 22:15

Instrument :
BNA_F
ClientSampleId :
TILCON-NO-57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.8	17.4	26.0

