

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088789.D
 Acq On : 7 Jul 2016 20:11
 Operator : UM/SJ
 Sample : H3829-04RE
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-013RE

Quant Time: Jul 08 01:43:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

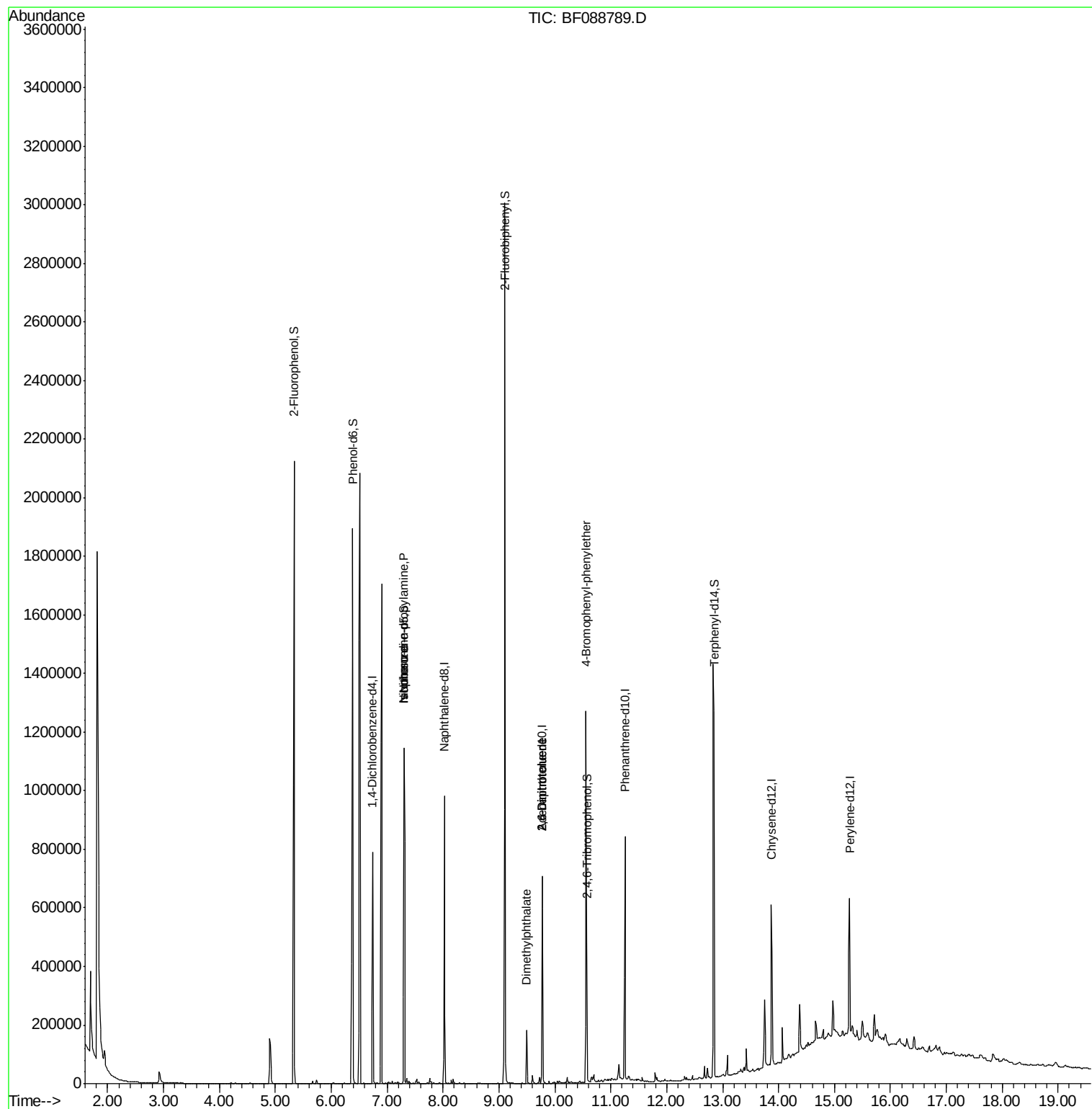
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	118400	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	425180	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	190059	20.00	ng	-0.05
63) Phenanthrene-d10	11.26	188	324952	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	222741	20.00	ng	-0.05
86) Perylene-d12	15.27	264	214549	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	638978	80.88	ng	-0.03
7) Phenol-d6	6.39	99	958367	93.88	ng	-0.02
23) Nitrobenzene-d5	7.30	82	558336	68.82	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	168002	95.19	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	907750	75.44	ng	-0.03
78) Terphenyl-d14	12.85	244	627628	62.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	73514	10.72	ng	# 73
25) Isophorone	7.30	82	484335	32.23	ng	# 65
49) Dimethylphthalate	9.50	163	65322	4.82	ng	99
50) 2,6-Dinitrotoluene	9.77	165	23725	7.91	ng	# 40
56) 2,4-Dinitrotoluene	9.77	165	23726	6.05	ng	# 38
66) 4-Bromophenyl-phenylether	10.56	248	10454	3.19	ng	# 1

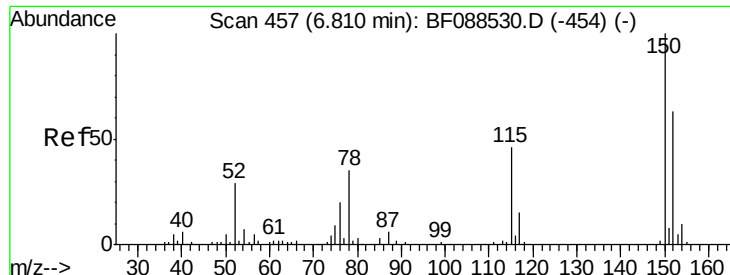
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-013RE

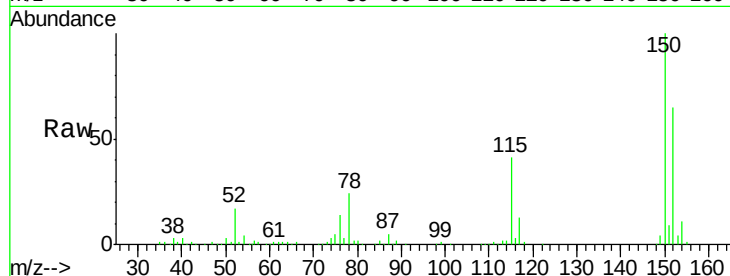
Tgt Ion:152 Resp: 118400

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

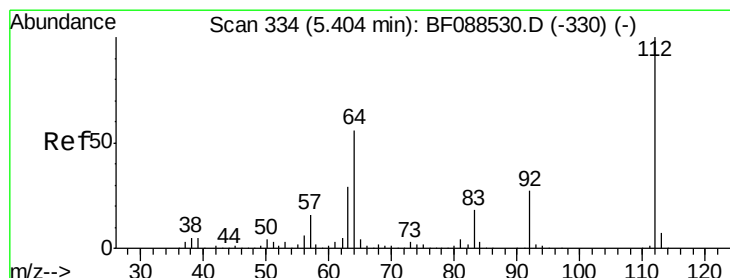
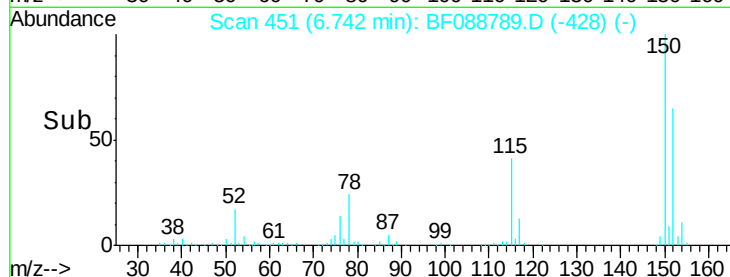
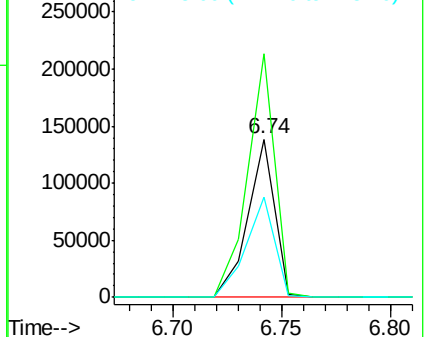
115 63.8 39.6 59.4#



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: 80.88 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

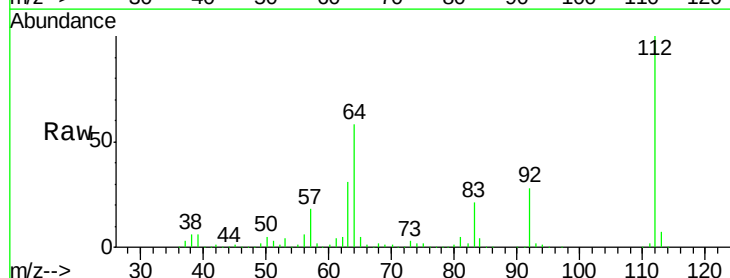
Tgt Ion:112 Resp: 638978

Ion Ratio Lower Upper

112 100

64 58.5 42.2 63.2

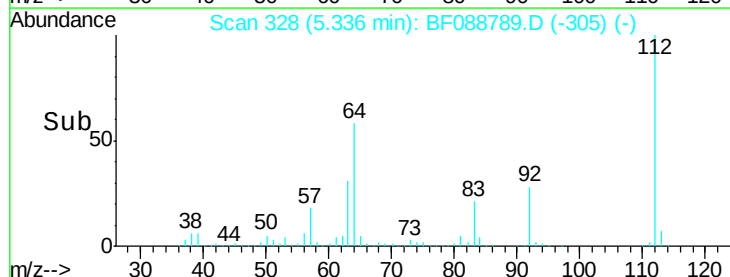
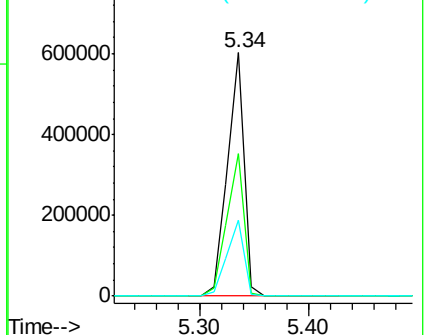
63 31.4 21.8 32.8

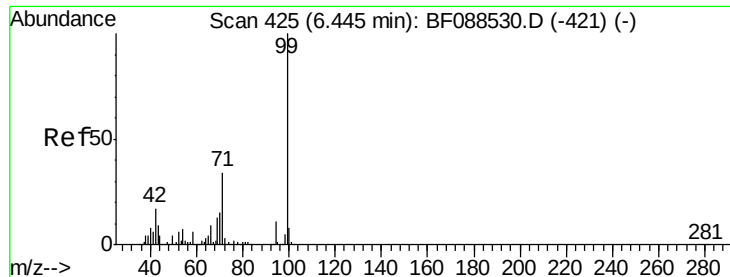


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.88 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-013RE

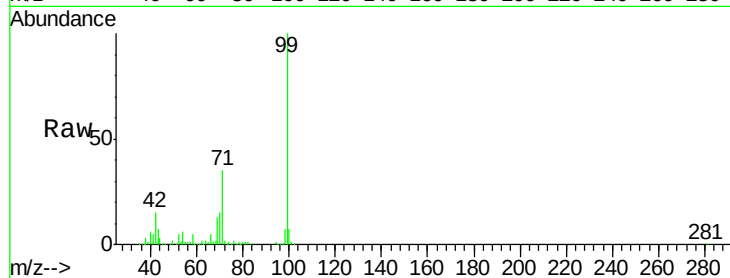
Tgt Ion: 99 Resp: 958367

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 34.6 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.39

800000

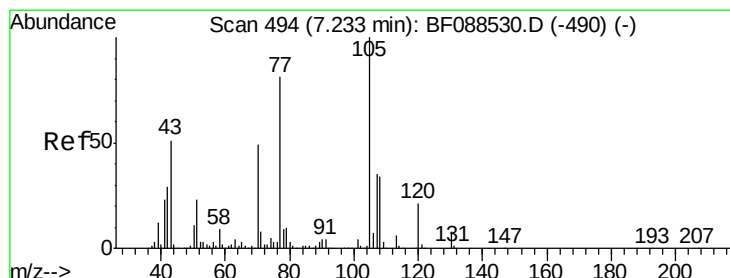
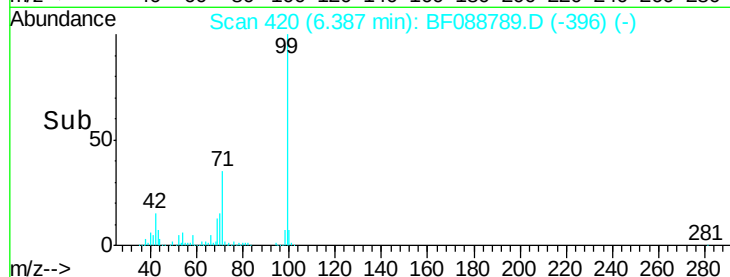
600000

400000

200000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 10.72 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

Tgt Ion: 70 Resp: 73514

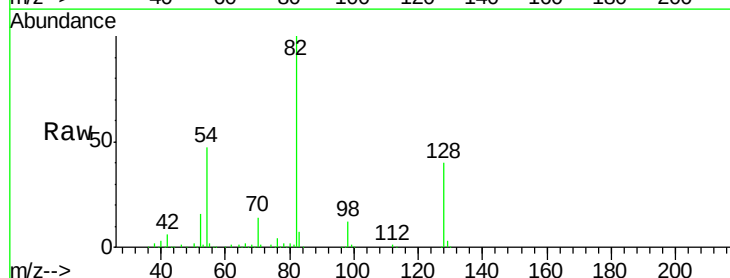
Ion Ratio Lower Upper

70 100

42 43.4 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

7.30

80000

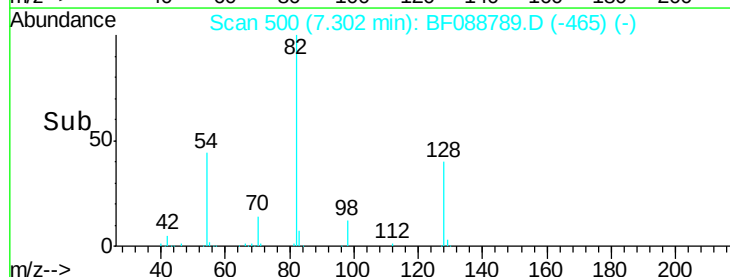
60000

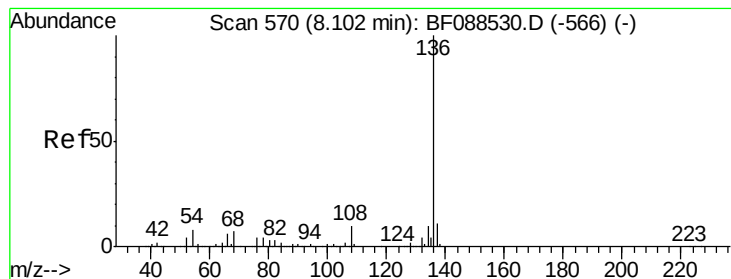
40000

20000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-013RE

Tgt Ion:136 Resp: 425180

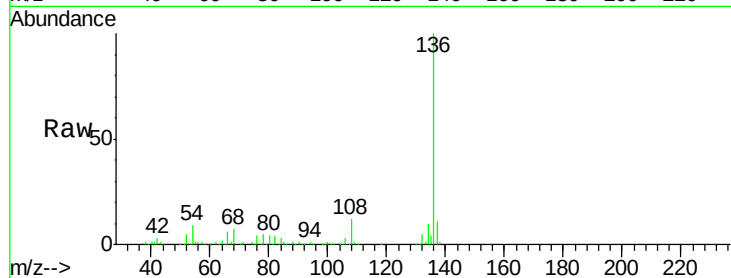
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.7 6.6 10.0

68 6.9 5.1 7.7

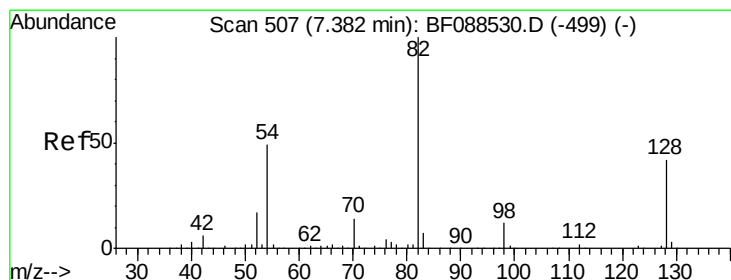
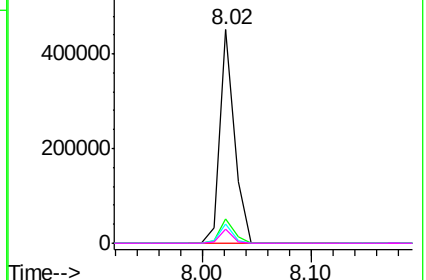
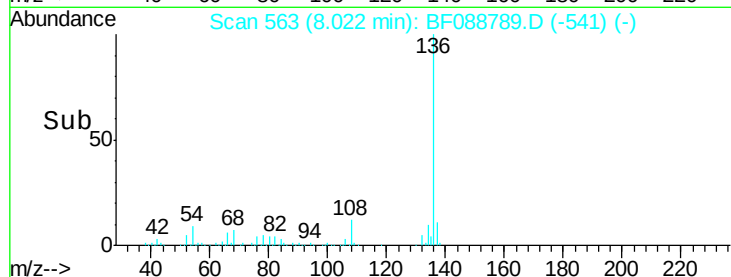


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.82 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

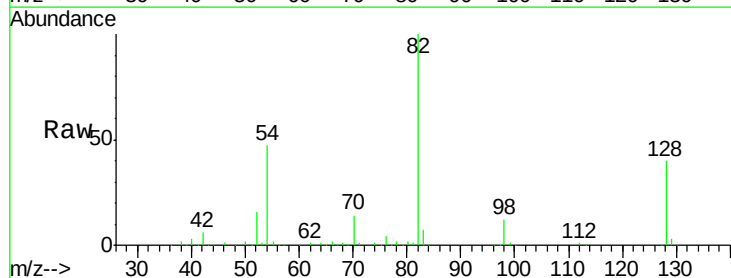
Tgt Ion: 82 Resp: 558336

Ion Ratio Lower Upper

82 100

128 39.9 35.9 53.9

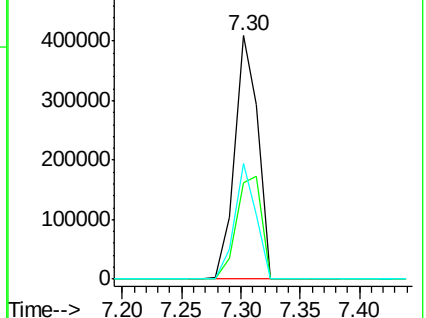
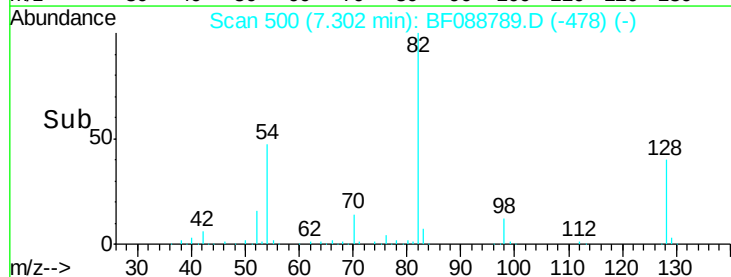
54 47.5 40.9 61.3

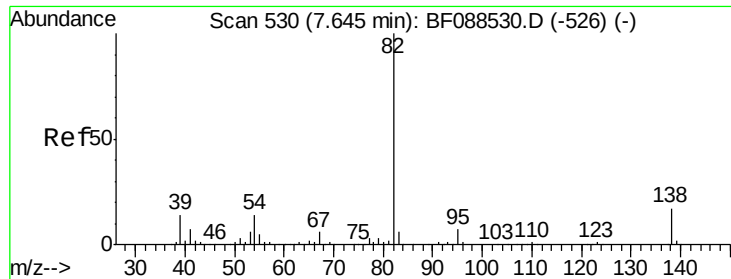


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.23 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-013RE

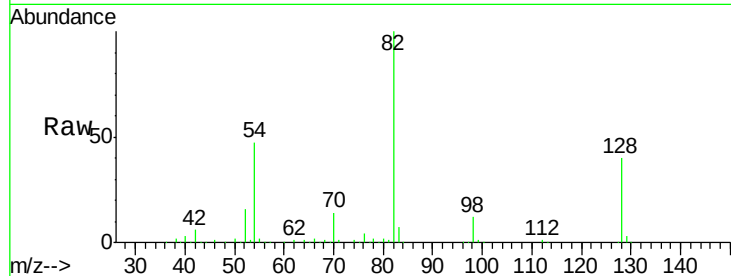
Tgt Ion: 82 Resp: 484335

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

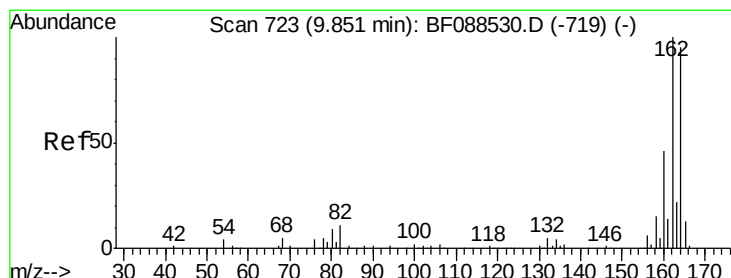
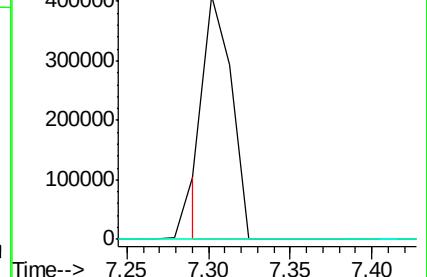
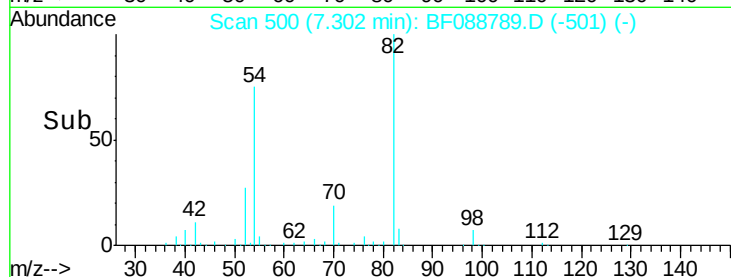
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

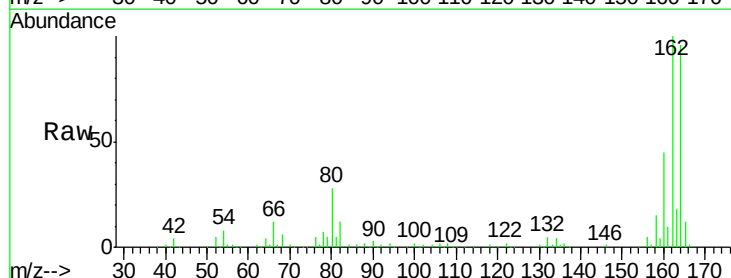
Tgt Ion: 164 Resp: 190059

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

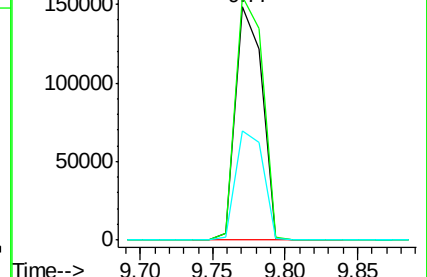
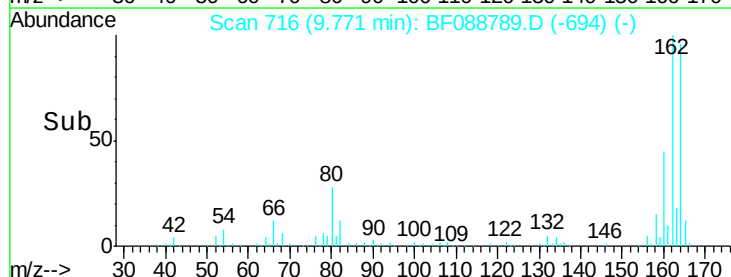
160 46.5 39.5 59.3

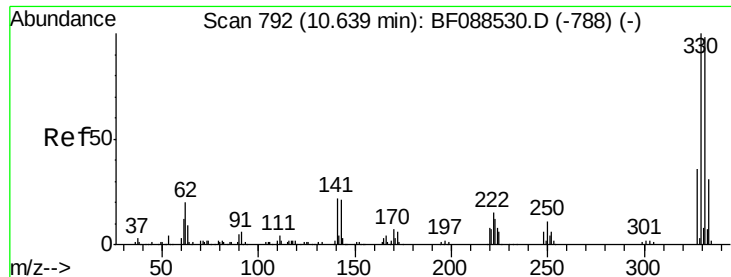


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

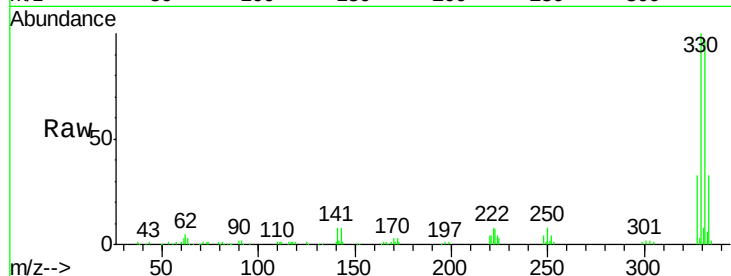




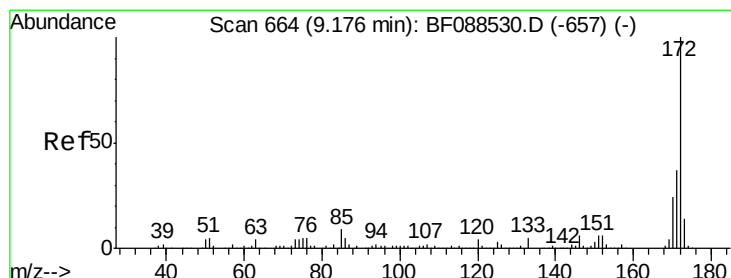
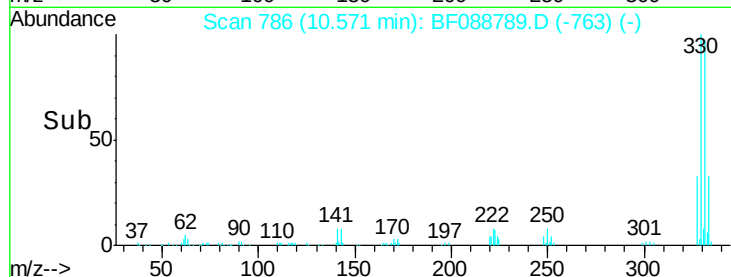
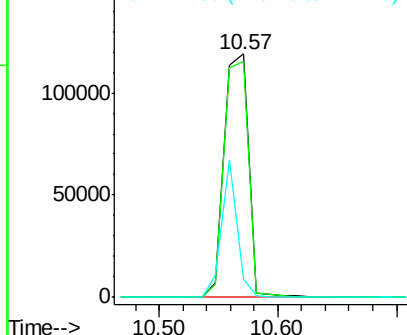
#41
 2,4,6-Tribromophenol
 Concen: 95.19 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088789.D
 Acq: 7 Jul 2016 20:11

Instrument :
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 TILCON-GF-013RE

Tgt Ion:330 Resp: 168002
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 35.9 0.0 0.0#

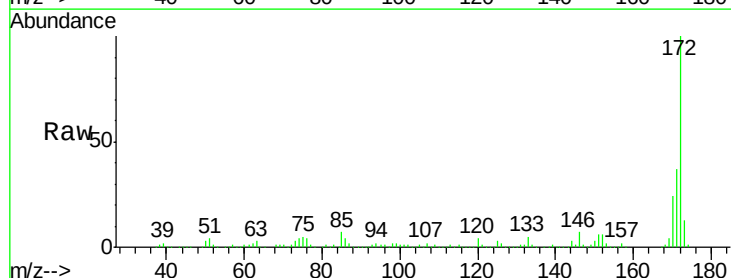


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

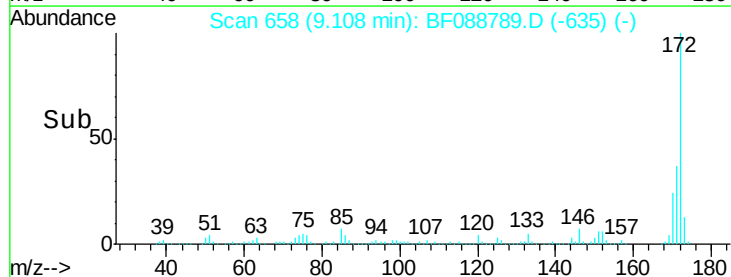
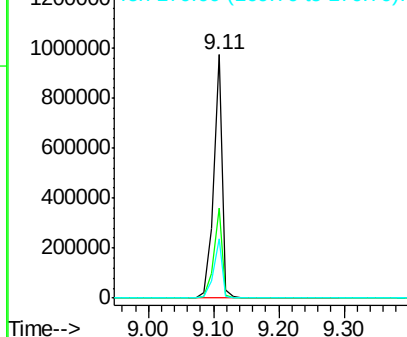


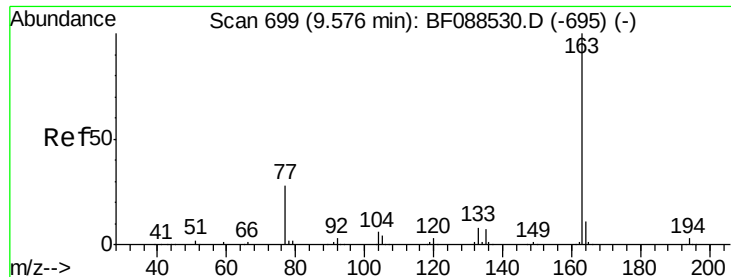
#44
 2-Fluorobiphenyl
 Concen: 75.44 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088789.D
 Acq: 7 Jul 2016 20:11

Tgt Ion:172 Resp: 907750
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 24.3 19.2 28.8



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

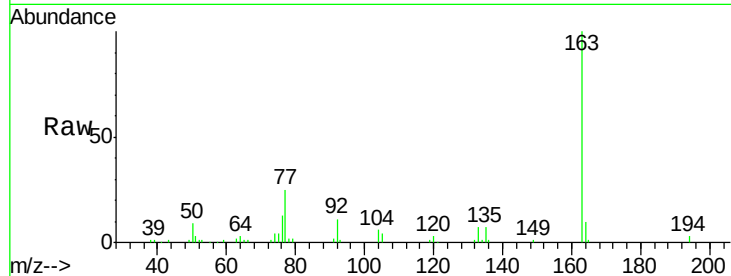




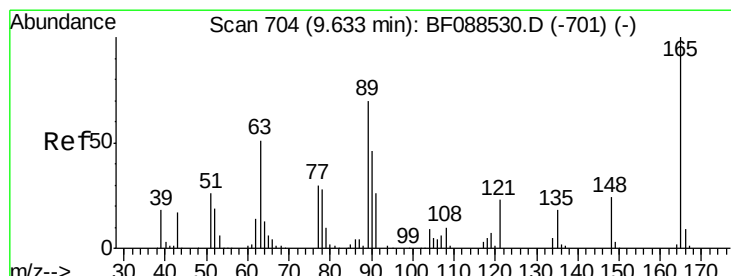
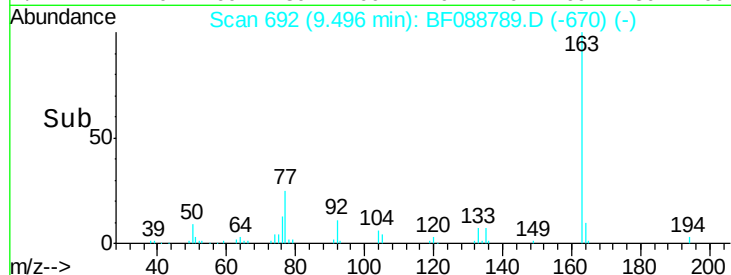
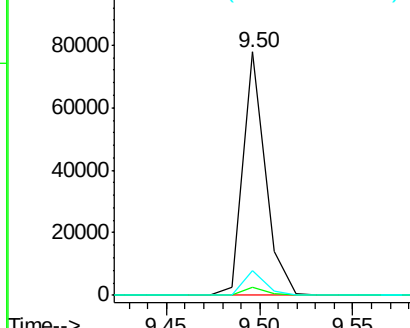
#49
Dimethylphthalate
Concen: 4.82 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF088789.D
Acq: 7 Jul 2016 20:11

Instrument :
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Tgt Ion:163 Resp: 65322
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.0 8.3 12.5

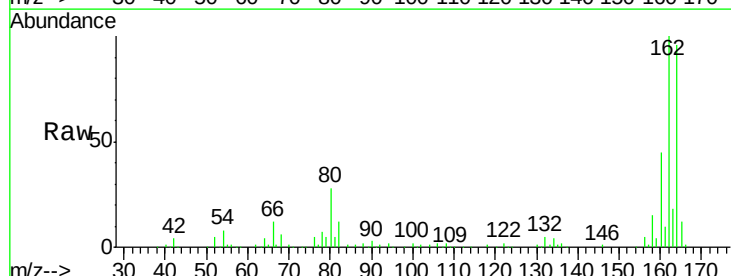


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

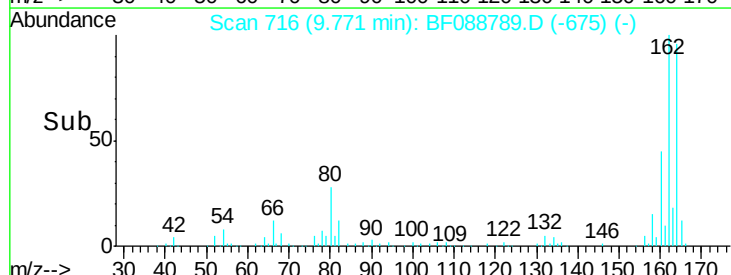
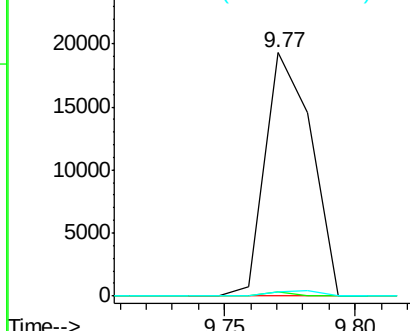


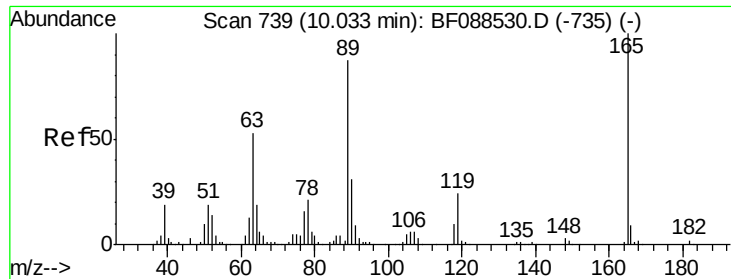
#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.17 min
Lab File: BF088789.D
Acq: 7 Jul 2016 20:11

Tgt Ion:165 Resp: 23725
Ion Ratio Lower Upper
165 100
63 1.7 28.1 42.1#
89 2.0 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

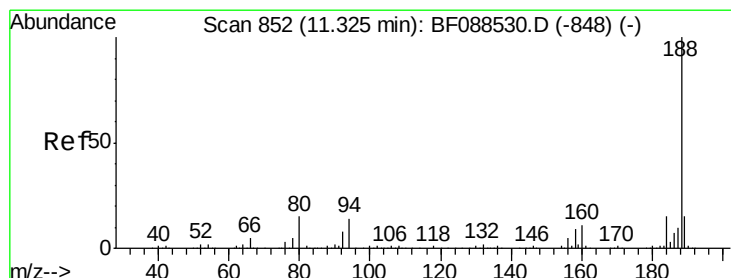
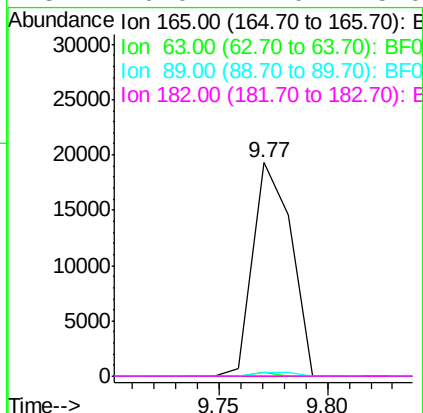
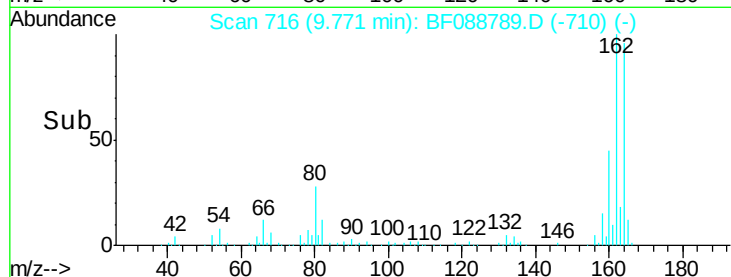
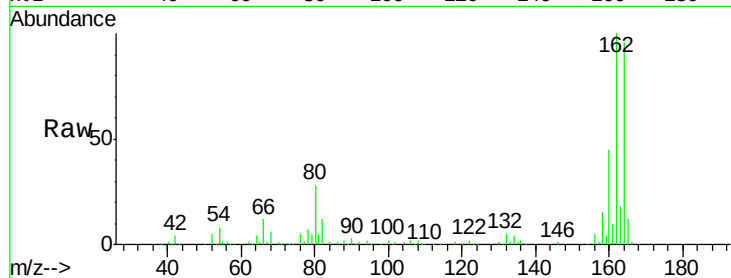




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.77 min Scan# 716
 Delta R.T. -0.23 min
 Lab File: BF088789.D
 Acq: 7 Jul 2016 20:11

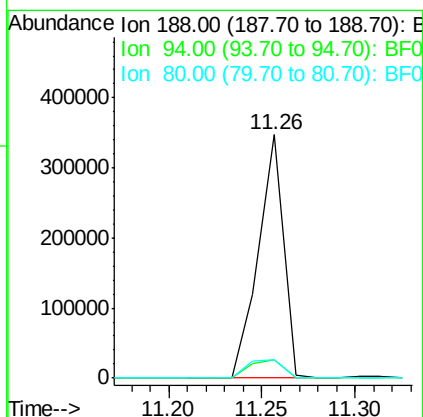
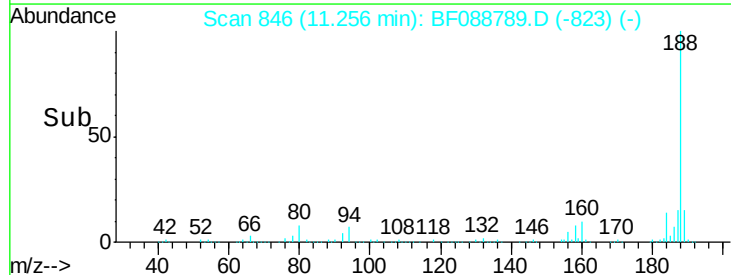
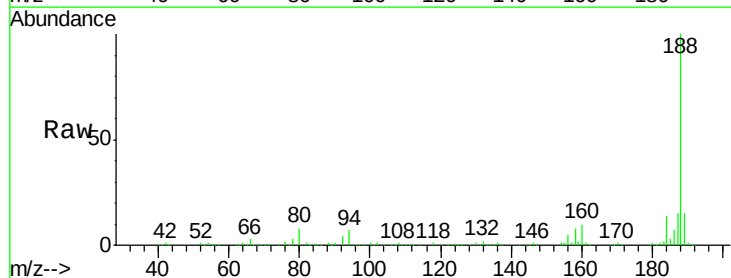
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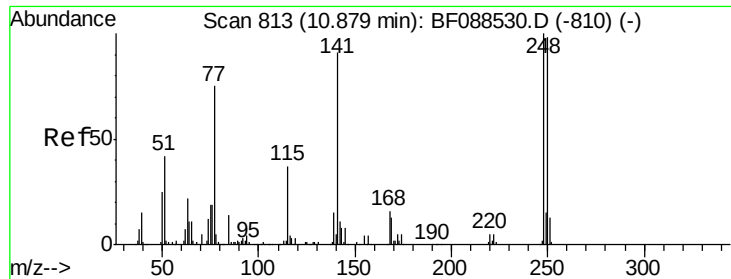
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088789.D
 Acq: 7 Jul 2016 20:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.7	10.0	15.0#

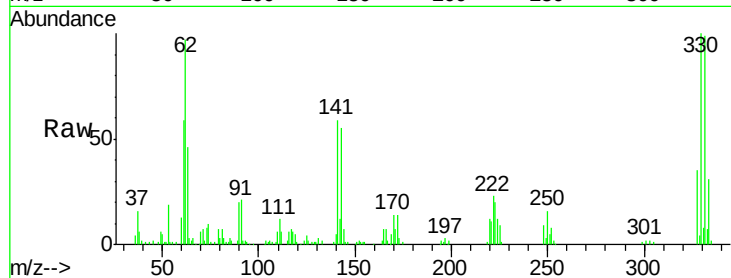




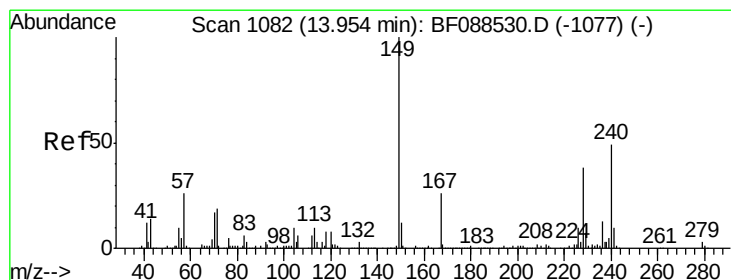
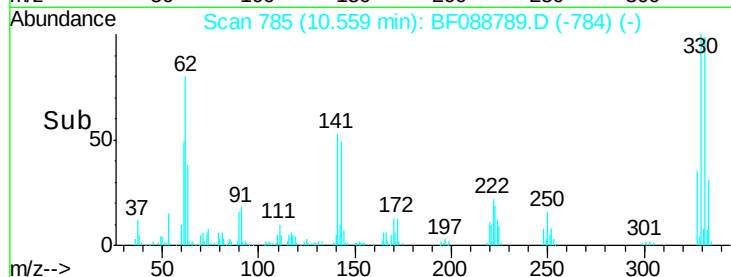
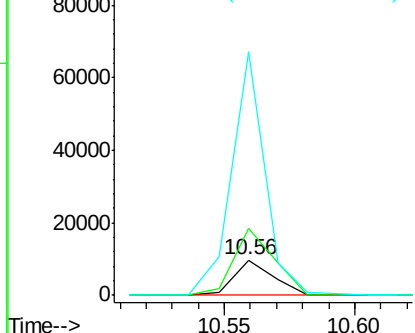
#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.29 min
 Lab File: BF088789.D
 Acq: 7 Jul 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-013RE

Tgt Ion:248 Resp: 10454
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.1 115.7#
 141 684.9 50.6 76.0#

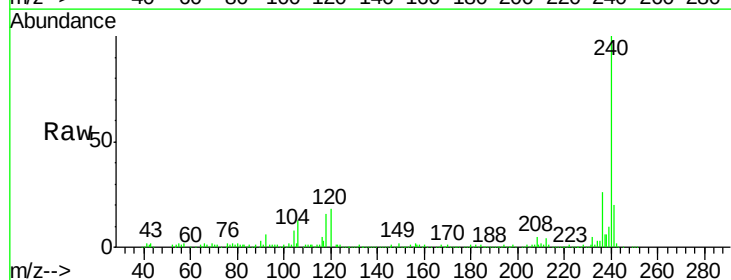


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

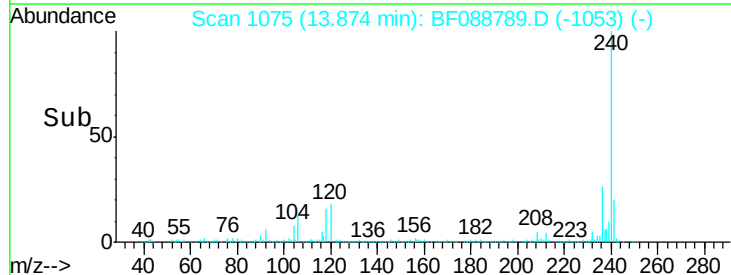
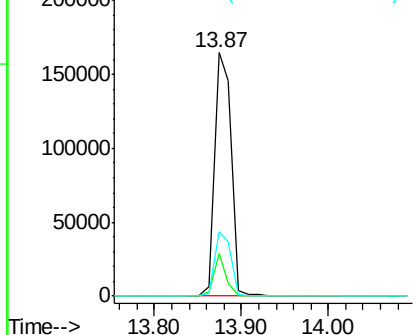


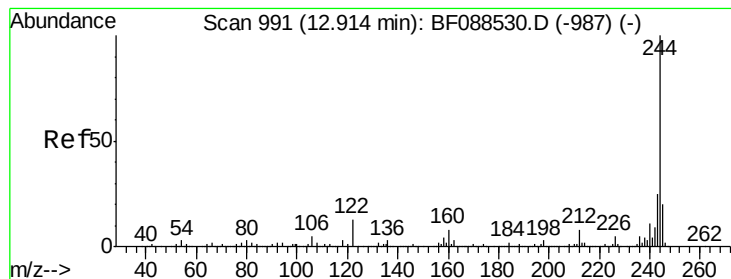
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.05 min
 Lab File: BF088789.D
 Acq: 7 Jul 2016 20:11

Tgt Ion:240 Resp: 222741
 Ion Ratio Lower Upper
 240 100
 120 17.6 6.8 10.2#
 236 26.3 20.2 30.2



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: 62.76 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-013RE

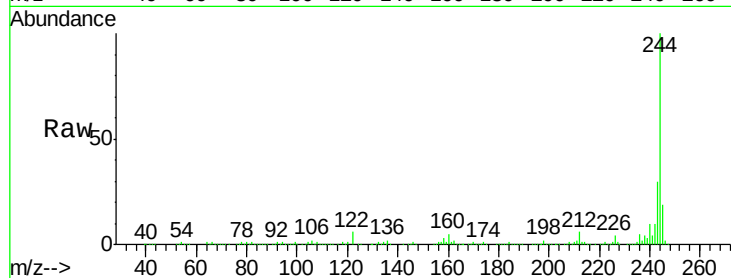
Tgt Ion:244 Resp: 627628

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

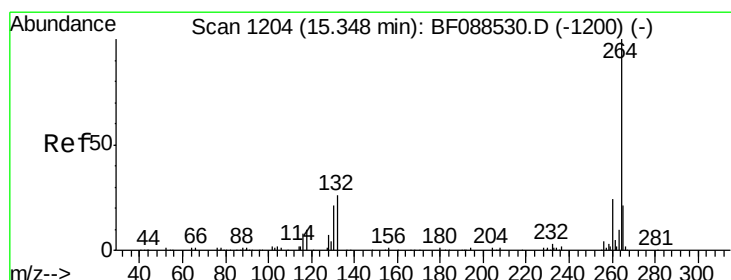
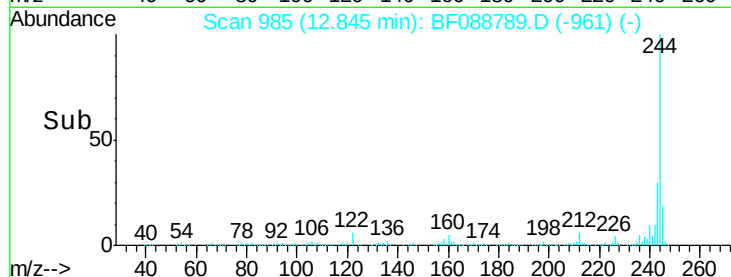
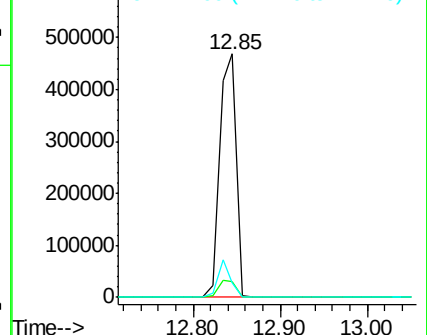
122 5.8 11.2 16.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088789.D

Acq: 7 Jul 2016 20:11

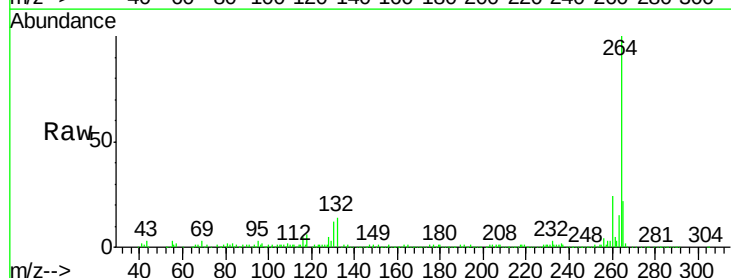
Tgt Ion:264 Resp: 214549

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.5 16.9 25.3



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

